Stormwater Outfall Assessment for the East and West Monponsett Ponds

Town of Halifax, Massachusetts

June 2017

Final Report

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Table of Contents

1. Technical Memorandum 3
2. Map Book 162
3. Map of Drainage Areas 197
4. Catch Basin Forms 199
5. Conceptual Designs 435
6. Preliminary Designs 446

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NARRAGANSETT BAY ESTUARY PROGRAM

NEIWPCC
New England Interstate Water Pollution Control Commission

1.
Technical Memorandum

Memorandum

June 22, 2017

To:	Town of Halifax, MA	Ref. No.:	11110997
From:	Russ Kleekamp, GHD Jeff Bellino, PE, GHD Craig Curtin, GHD	Tel:	774-470-1631
CC:			

Subject: Halifax Stormwater Outfall Assessment – Technical Memorandum

1. Purpose of Memorandum

The Town of Halifax, MA retained GHD Inc. to assess the stormwater outfalls discharging to the Monponsett Ponds. The project was funded by an agreement awarded by the Environmental Protection Agency to the New England Interstate Water Pollution Control Commission in partnership with the Narragansett Bay Estuary Program. GHD Identified 21 discharges in the area of East Monponsett Pond and 19 discharges in the area of West Monponsett Pond. Of the 21 outfalls in the area of East Monponsett Pond, 16 are discharging directly into the East Monponsett Pond or to an area that is abutting the pond. Of the 19 outfalls in the area of the West Monponsett Pond, 13 are discharging directly to the West Monponsett Pond or to an area that is abutting the pond. As part of the Agreement, The Town of Halifax developed eleven tasks to be completed during the project. This memorandum will outline how each of the eleven tasks were completed.

2. Task 1: Quality Assurance Project Plan (QAPP)

A Quality Assurance Project Plan (QAPP) was developed in accordance with the New England Interstate Water Pollution Control Commission (NEIWPCC) and Environmental Protection Agency (EPA) standards. The QAPP summarized the scope of the project and set guidelines for how data would be collected during the project. This technical memorandum provided details on how each of the tasks developed in the QAPP were conducted. The QAPP for this project are included in Attachment A (QAPP).

3. Task 2: Project Kick-Off Meeting

The Kick-Off meeting for this project was held on September 21, 2016 at the Halifax Highway Department at 8:30 am. The meeting included Russ Kleekamp and Craig Curtin from GHD, Cathy Drinan from the Board of Health, Robert Badore from the Highway Department, and Kim Roy from the Board of Selectmen. This meeting was held to review the scope of the project, discuss the existing stormwater mapping, and allocate responsibilities for the project. Mr. Kleekamp discussed how GHD proposed to complete each of the tasks

and accepted advice from the Town on how best to complete each of the tasks. The meeting minutes for this meeting are included in Attachment B (Kick-Off Meeting Minutes).

4. Task 3: Field Verification of Outfalls and Point Sources

The field verification task included locating the catch basins, stormwater outfalls, swales, or any other sources of stormwater influences within the contributing area surrounding the ponds. The Old Colony Planning Council previously developed a Halifax Stormwater Study, which included mapping of the stormwater system. This mapping was used as a starting point for the field verification process. The existing mapping was found to contain data gaps such as disconnected pipes and unconfirmed attributes. Craig Curtin and members of the Highway Department spent several days in the contributing area of the ponds, verifying what was found in the Old Colony Planning Council's Stormwater Study and making notes of anything not originally on the maps.

While in the field, each of the catch basins in the contributing areas were opened and examined. During this process, a picture was taken of the interior and exterior of the catch basin, when applicable. A catch basin inspection form was completed for each of the catch basins. The form documented the location, condition, and pipe layout for each of the catch basins. There were approximately 236 catch basins identified and documented within the drainage system contributing to the East and West Monponsett Ponds.

A similar process was also completed for the verification of the outfalls within the contributing area of the ponds. While the catch basin inspections were conducted, the drainage system outfalls that could be found were located. To distinguish which pond the outfalls discharged into, they were assigned a unique Outfall ID. For the outfalls discharging into the West Monponsett Pond, the Outfall ID was OW-XX and for the East Monponsett Pond the Outfall ID was OE-XX. Craig Curtin later revisited the outfalls to conduct a dry-weather inspection. Attachment C (Outfalls in Project Area) includes the information gathered on each of the outfalls in the project areas. Outfall OE-13 is considered a culvert that discharges to the East Monponsett Pond, however, since this is not a drainage system outfall, there is no drainage area recorded in Attachment C (Outfalls in Project Area). OE-13 is included in this study as it is a large culvert discharging to the East Monponsett Pond.

A dry-weather inspection is conducted only when no more than 0.1 inches of rainfall has occurred in the previous 24-hour period and no significant snowmelt is occurring. During this "dry-weather period" there should be no flow leaving the outfall pipe unless there is an illicit discharge entering the drainage system or there is a base flow from ground or surface water causing a discharge. During this inspection, Dry Weather Outfall Inspection Forms were completed and pictures of the outfalls were taken. The inspection form includes the size, location, and observation of flow for each of the outfalls. The Dry-Weather Outfall Inspection Forms are included in Attachment D (Dry-Weather Outfall Inspection Forms).

At OW-04, flow was found during the dry-weather inspection and was investigated. The flow was found to be coming from CB-111 that had a water line bleeder from the municipal water system discharging into the catch basin. This was documented on the catch basin inspection form for CB-111 and on the outfall inspection form for OW-04. This was considered an acceptable discharge as the water line contains potable water.

5. Task 4: Point Source (Outfall) Mapping

Once the stormwater structures were identified in the field, a Geographic Information Systems (GIS) map was developed to show the locations of the verified catch basins, stormwater piping, and outfalls within the contributing areas of the ponds. The mapping was developed by using the locations of the structures provided from the Old Colony Planning Council's Halifax Stormwater Study. Any new catch basins found during the field verification were added using locations that could be found in Google Earth. The pipes that were found to be different in the field than the original map were changed and added to the GIS map.

The map created in GIS was delivered as an 11 in. x 17 in. Map Book that included block maps outlining different components of the stormwater system.

6. Task 5: Delineation of Drainage Areas and Stormwater Calculations

The delineation of the drainage areas was completed in order to find the extent of the drainage areas for each of the outfalls found within the ponds' contribution areas. The drainage areas were delineated by creating a file in AutoCAD from the map produced in GIS and then using contours produced by LIDAR to find the high and low elevations. By using the elevations and the drainage systems, the watersheds were delineated to show the total area contributing to each of the outfalls.

An impervious surface layer from MassGIS was brought into the AutoCAD file to find the total impervious area within each of the drainage areas. The total impervious area in each drainage area is important to know because the impervious area can generate the majority of the runoff entering the drainage systems. The amount of impervious area was used as one of the factors in the prioritization matrix.

The drainage areas were used to calculate the storage volumes for the 0.50-inch, 1.00-inch, and 1.25-inch rain events. These storage volumes were used in the design of the size of the stormwater systems.

The peak runoff from the 2-year, 5-year, 10-year, and 25-year storm events were calculated for each of the drainage areas, using the STEEL Equation. The peak runoff for each of the storm events was estimated using a uniform time of concentration and runoff coefficient for all of the drainage areas. As the designs for each of the drainage areas are brought to the construction level, the peak runoff flows can be calculated more accurately as surveys will provide the accurate information necessary to calculate the peak runoff flows. The project area is located in U.S. Region 3 and the drainage areas were assumed to have a time of concentration of 5 minutes and a runoff coefficient of 0.95 (asphalt pavement). The intensities for each of the storm events were calculated using the equation $i = a/(d+b)$, (i = intensity, a and b are constants, and d = the time of concentration in minutes). Attachment E (Peak Runoff Calculations for 2-Year, 5-Year, 10-Year, and 25-Year Storm Events) includes a summary of the equations, constants, and assumptions used in calculating the peak runoff of the 2-year, 5-year, 10-year, and 25-year storm events. Once the intensities for each of the storm events were calculated, the peak runoff could be calculated for each of the drainage areas. The equation used to calculate the peak runoff flow was $Q=CiA$ (Q = Flow, C = Runoff Coefficient, i = intensity, and A = Area in acres). Attachment E (Peak Runoff Calculations for 2-Year, 5-Year, 10-Year, and 25-Year Storm Events) includes the peak runoff flows for each of the drainage areas and a summary of the constants and assumptions used in the equations.

7. Task 6: Prioritization Matrix

Following the delineation of the drainage areas, a prioritization matrix was developed to prioritize the drainage areas around the ponds. Each of the criteria for prioritizing the outfalls is explained below.

7.1 Location of Outfall Discharge

Since the West Monponsett Pond has the lowest quality of water out of the two ponds, GHD and the Town of Halifax agreed that the outfalls on West Monponsett Pond would be of higher priority than those on East Monponsett Pond. In the prioritization matrix, the outfalls that were not discharging directly into the West Monponsett Pond or in an area abutting the West Monponsett Pond were removed. Therefore, only the thirteen outfalls discharging to the West Monponsett Pond or to an area abutting the West Monponsett Pond were prioritized. Outfalls OW-02 and OW-03 are located in close proximity to each other and therefore, the outfalls were determined to have the same drainage area. Since the drainage area was the same, the outfalls were provided with the same scores during the prioritization of the outfalls. Treatment of the stormwater entering the outfalls on West Monponsett Pond would be designed to help improve the water quality of the West Monponsett Pond.

7.2 Total Impervious Surface Area

Another important parameter was the amount of impervious surface within the drainage area. Impervious surface generates the majority of stormwater runoff, as the surface does not allow the water to recharge into the ground. While traveling along the impervious surface, the runoff collects organic matter, inorganics, trash, debris, and other material that would not naturally make its way into the ponds. When enough of these materials enter the ponds, they can affect the water quality in the ponds. Implementing a stormwater management system in a drainage area with a high impervious area can reduce the amount of untreated runoff from discharging directly into the ponds.

7.3 Total Surface Area

Along with the impervious area, the total surface area was also used as a criterion for prioritizing the outfalls. Including the total area in the prioritization is important because pervious area can also contribute nutrients to the stormwater runoff. The undeveloped pervious areas in Halifax include the woodlands and wetlands, which can naturally filter the stormwater runoff. However, the developed pervious surface areas, which include cranberry bogs and residential yards, can also contain excess nutrients. The nutrients can be found in fertilizers and yard waste. When runoff is generated on these pervious areas, the nutrients from the fertilizers and pet waste can end up flowing into the drainage system.

7.4 Cost of Implementation

The cost of implementation is another important parameter in determining the priority outfalls as the cost can determine if a design will be implemented. The cost of implementation was estimated by working with stormwater system manufacturers to receive cost estimates for the individual systems designed as part of the conceptual design task. The costs developed in the conceptual and preliminary design plans were used in the prioritization matrix.

7.5 Required Operation and Maintenance of the Recommended System

Implementation of any design would increase the maintenance required to keep the stormwater systems operating as designed. The different stormwater systems can require maintenance from removing debris in the catch basin inserts to using heavy machinery to clear out large amounts of sediment and debris. Each system will require different maintenance as some contribution areas will have more debris and sediment than others. If the stormwater systems are not maintained as recommended, they will likely not provide the designed amount of treatment.

7.6 Past Sampling Results Indicating Frequent Spikes of Coliform and/or Algal Blooms

A few outfalls have been sampled for spikes in coliform and algal blooms. Since each outfall has not been sampled, this criterion was not considered in the scoring part of the prioritization. However, two of the three outfall locations found to be of highest priority were outfalls that were found to have spikes in coliform and/or algal blooms. Stormwater systems installed at these outfalls could therefore be designed to remove the nutrients from entering the ponds.

7.7 Results from Prioritization of Outfalls

The prioritization of the outfalls was conducted by sorting the thirteen outfalls for each criterion and providing scores of 1 to 12 for the outfalls, since OW-02 and OW-03 were considered the same for this exercise (see Section 7.1). The scoring was based on providing the highest priority outfalls for each criterion with the smallest scoring value. For example, the outfall's drainage area with the largest impervious surface area (highest priority) was assigned a score of 1 and the outfall's drainage area with the smallest impervious surface area (lowest priority) was assigned a score of 12.

For the total impervious surface area criterion, the outfall with the largest impervious area was of highest priority and assigned a score of one. For the total surface area criterion, the outfall with the largest total surface area was of highest priority and was assigned a score of one. For the cost per design plans criterion, the outfalls with the lowest cost estimate was of highest priority and was assigned a score of one. Once the outfalls had a score for each category, the scores were summed and the outfalls with the smallest overall scores were considered the top priority outfalls. The scoring for the prioritization matrix is included in Attachment F (Outfall Prioritization Matrix).

Using the criteria outlined above, the outfalls were prioritized and the outfalls of top priority can be found in Table 1. Sampling at outfall locations has been conducted routinely by the Halifax Board of Health at the Halifax Beach on Richview Avenue and the Ocean Avenue Beach in the Town of Hanson. Sampling at the location of OW-16 has not been conducted, so Table 1 reports the sampling results as N/A (Not Applicable).

Table 1 High Priority Outfalls

Outfall	Location	Discharge on Town Land?	Total Impervious Area (Square Feet)	Total Area (Square Feet)	Sampling Results with Coliform and/or Algal Blooms
OW-19	Ocean Ave on Hanson/Halifax Border	No	70,000	504,000	Yes
OW-16	Monponsett Street	Yes	113,800	149,100	N/A
OW-09	Richview Avenue	Yes	46,000	341,600	Yes

OW-19 located in Hanson, Massachusetts on Ocean Avenue was chosen as one of the prioritized outfalls because it scored highest during the prioritization exercise. This location scored highest on the total drainage area and second on the total impervious surface area. The existing outfall is located in the parcel adjacent to the Ocean Ave Beach, which has previously reported sampling results with coliform and/or algal blooms. The outfall is located on private property, and the upstream catch basin is located in the driveway of 1 Ocean Avenue in the Town of Hanson. A subsurface infiltration system could be installed in Ocean Avenue with the overflow runoff discharging through the existing outfall. Since the location of the system would be on the town border of Halifax and Hanson, the two Towns would need to agree on the location of the stormwater system.

OW-16 located on Monponsett Street was also chosen as one of the three outfalls to be prioritized and designed to the preliminary level (see Section 9). This location is currently an outfall for the drainage system along Monponsett Street and acts as a culvert connecting the large wetland to the east of Monponsett Street, which borders the East Monponsett Pond to the north. Combining the natural flow from a culvert with a drainage system is not recommended and was another reason to prioritize this outfall. The abutter to the outfall stated that the outfall produces a large amount of sediment and must be shoveled from the discharge point occasionally. This outfall is also located on two town-owned parcels, which would allow the Town to implement a system in this location without an easement.

OW-09, located adjacent to the Halifax Beach Association on Richview Avenue, was another outfall that was chosen as one of the prioritized outfalls. The Halifax Beach Association has been closed due to the water quality of West Monponsett Pond since June of 2015. This location has had algal blooms following large storm events. The area of the beach could be used to implement a subsurface treatment system, which would be installed beneath the sand and still used as a beach following construction. Since a large surface area contributes to this outfall, a stormwater system would be able to reduce the amount of nutrients entering the West Monponsett Pond.

8. Task 7: Conceptual Designs

Conceptual designs were developed for each of the outfalls within the contributing area of the Monponsett Ponds. Even though some stormwater systems were field verified and provided in the point source mapping (Task 4), only the drainage systems that discharged either directly to one of the ponds or in the direction of the ponds were provided a conceptual design. The Town of Halifax has a Draft Total Maximum Daily Load

(TMDL) report for the West and East Monponsett Ponds. This TMDL states that the current phosphorus loading, produced by stormwater runoff, will need to be reduced by 50%. The conceptual plans were designed using stormwater management systems that may be capable of removing more than 50% of the Total Phosphorus. In outfall locations where there is little separation between the existing grade and the groundwater table, the conceptual designs may not be able to remove 50% of the phosphorus. To offset the low phosphorus reduction rates at these outfalls, the other outfalls were designed to remove more than 50% of phosphorus.

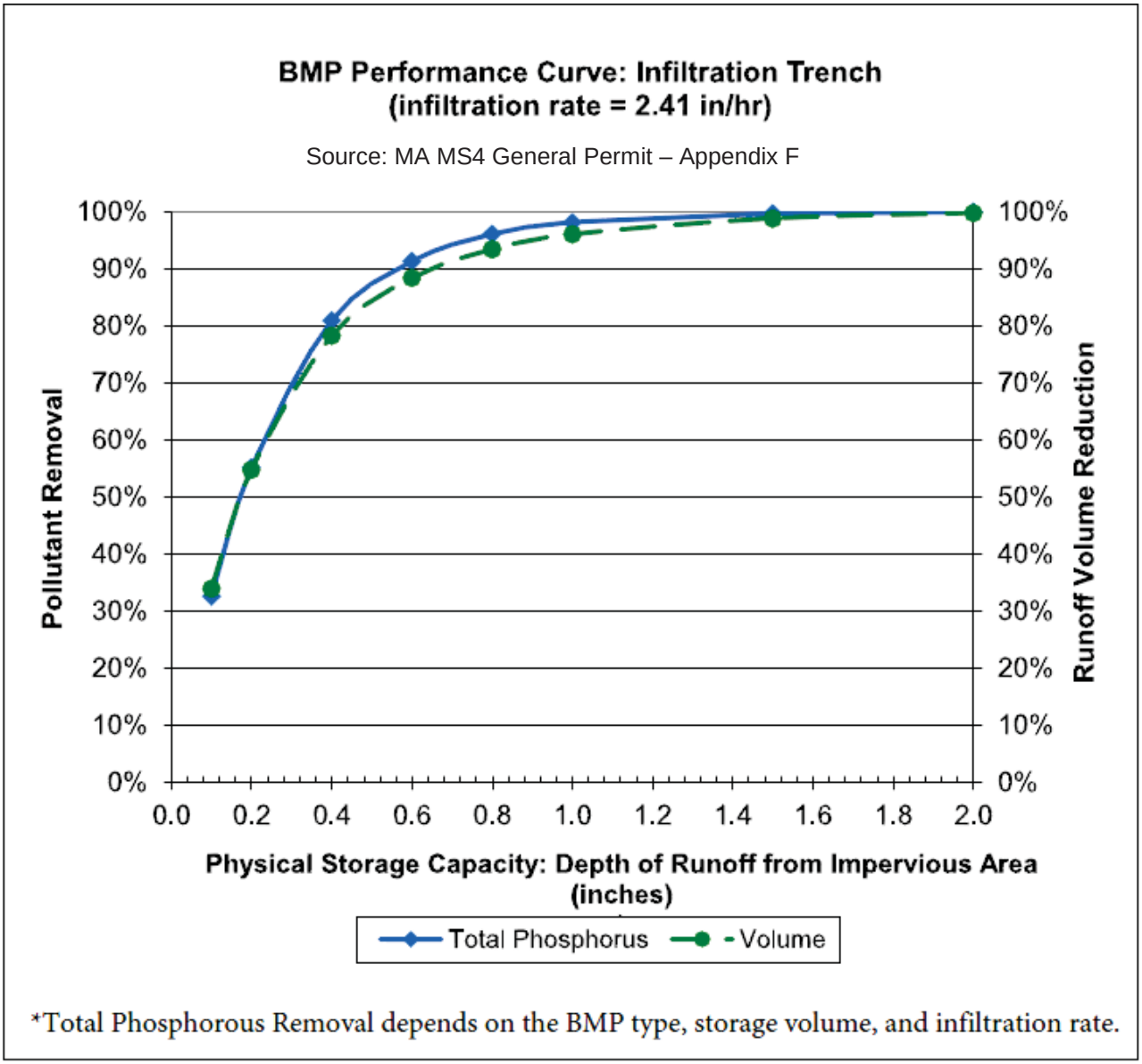
The conceptual designs were developed to provide the Town of Halifax with different options for implementation. The conceptual designs are intended to meet the MS4 permitting to the maximum extent practicable and are based on minimizing the total cost of implementation. These designs can be enhanced if the Town requests more treatment of the stormwater runoff.

Subsurface leaching was designed in locations where there was sufficient separation to the water table. In areas that did not have enough separation from the water table, or where there was only a small amount of impervious area flowing to the system, catch basin inserts were recommended. The catch basin inserts are able to be placed in existing catch basins and can be custom made for unusual or damaged structures. The proposed catch basin inserts are capable of removing up to 80% Total Phosphorus from a maximum inflow of 0.25 cubic feet per second (CFS). To further quantify the phosphorus removal rates, drainage calculations, loading rates, and phosphorus export rates would need to be performed. The proposed subsurface infiltration systems are capable of removing over 50% of the phosphorus load to the Best Management Practice (BMP). Systems designed to store and infiltrate ½-inch of runoff (from impervious surfaces) can achieve approximately 80% Total Phosphorus removal rates. Removal rates depend on the BMP type, storage volume, and infiltration rate; in general, most of the systems designed can achieve 80% removal rates.

For the conceptual designs, Cultec 330XLHD and Cultec 902HD chambers were used to size the infiltration areas for each drainage area utilizing subsurface leaching. The individual Cultec 330XLHD chambers have a minimum storage area of approximately 86 cubic feet per unit installed and have an installed length of 7 feet and an installed width of 52 inches. The individual Cultec 902HD chambers have a minimum installed storage of approximately 100 cubic feet per unit installed and have an installed length of 3.67 feet and an installed width of 78 inches. The storage volumes and unit sizes of the Cultec units are based on Cultec's "Stormwater Management Design Guide". In most cases, the runoff flows from the catch basins into a drain manhole before entering the infiltration system. In large drainage areas, the runoff flows from the catch basins to a drain manhole and then to a settling tank, before entering the infiltration system. The proposed drainage pipe was designed to be 12-inch high-density polyethylene (HDPE) Pipe throughout the project area.

The Massachusetts MS4 General Permit for Stormwater Discharges of 2016 (General Permit) includes a figure (Figure 1) that reports the estimated phosphorus removal when using an infiltration trench to capture and treat stormwater runoff. The General Permit defines infiltration trenches as systems that "provide temporary storage of runoff using the void spaces within the soil/sand/gravel mixture that is used to backfill the trench for subsequent infiltration into the surrounding sub-soils". The Cultec systems are therefore considered infiltration trenches.

Figure 1 BMP Performance Curve: Infiltration Trench



Based on Figure 1, the infiltration trenches storing the ½-inch runoff volume are capable of removing approximately 85% of phosphorus loading.

8.1 Phosphorus Removal from Conceptual Designs

The stormwater systems in the conceptual designs were designed to remove at least 50% of the phosphorus loading. Based on the information provided in Figure 1, the conceptual designs are capable of removing 88% of the phosphorus. Figure 1 was used to estimate the pollutant removal when using an infiltration trench with an infiltration rate of 2.41 in/hr. After researching the septic information and conducting a Web Soil Survey, it

was found that the soil in Halifax has infiltration rates between 2.41 in/hr and 8.27 in/hr. A conservative infiltration rate of 2.47 in/hr was used to estimate the pollutant removal.

The pollutant removal is calculated by first finding the storage capacity of the stormwater systems. This storage capacity was used to estimate the depth of runoff the stormwater systems could store. The volume of runoff entering the stormwater system is estimated by finding the area of the impervious surface contributing to the stormwater systems and multiplying it by the depth of the runoff. Once the depth of runoff is estimated, it can be used to estimate the phosphorus removal by using Figure 1. Setting the depth of runoff as the x-axis, the pollutant removal can be found by using the blue "Total Phosphorus" line and the y-axis to estimate the phosphorus removal. An example of the steps used to predict the Total Phosphorus reduction can be found in Attachment G (Phosphorus Removal Calculation).

The phosphorus removal for each of the conceptual designs was estimated and reported in the cost estimates. The phosphorus removal from the five conceptual designs, only designed with catch basin inserts, were not included as part of the total phosphorus removal. They were not included because Figure 1 estimates the phosphorus removal for only the infiltration trenches. The catch basin inserts are designed to remove up to 80% of phosphorus from a maximum inflow of 0.25 CFS. The average removal for the conceptual designs was calculated to be approximately 88% phosphorus removal. By removing approximately 88% of the phosphorus from the outfalls discharging to the ponds, the TMDL requirements could be fulfilled.

Since the stormwater systems are designed to store 50% of the 1-inch runoff volume, the systems can be described as capable of storing the "first flush" from storm events. The first flush is considered to include the majority of the nutrients because the first flush can capture the nutrients that are found on top of the impervious surfaces. By designing the systems to treat the first flush, in the case of a large storm event, the runoff overflowing back into the existing outfalls should contain smaller amounts of nutrients than it would without the stormwater systems.

8.2 Nonstructural Forms of Stormwater Management

Nonstructural forms of stormwater management can increase the reduction of phosphorus and other nutrients in the stormwater as well. One nonstructural form of stormwater management is to conduct routine street sweeping of the impervious areas within the drainage areas discharging into the ponds. If conducted routinely, the street sweeping can help to remove sediment from the impervious areas and therefore reduce the amount that enters the drainage system following rainfall events. A study conducted in Cambridge, MA by the New England Water Science Center from 2009 to 2011 found that monthly street sweeping could produce an 8.0% reduction in phosphorus. Based on the results found in the study, it is estimated that a 2.5% reduction in phosphorus could be achieved if the Town of Halifax conducted street sweeping twice per year. A study by the University of Minnesota found that if sweeping was conducted once per month in high canopy areas, similar to the Halifax project area, 2.6 pounds of phosphorus could be collected and removed. This would be approximately 11% of the loading required to be removed per the Draft TMDL for the ponds. The study area in Cambridge, MA is more of an urban area than Halifax, so the data collected regarding the high canopy areas, found in the University of Minnesota study, would be more similar to what is found in the neighborhoods surrounding the ponds. Street Sweeping is included in this memorandum as an additional form of stormwater management for the Town to consider. A more in-depth analysis of the Halifax roads,

types of street sweepers, frequency of sweeping, and possible street sweeping routes would need to be conducted to estimate the actual reduction in phosphorus loading through street sweeping.

Another form of nonstructural stormwater management is public outreach. The public can contribute nutrients to the ponds during normal activities. The actions that can contribute large amounts of nutrients include over-fertilizing with fertilizers containing large amounts of nutrients and not disposing of pet wastes. When fertilizers are used in excess by residents, storm events can cause the fertilizer to runoff onto the street and enter the drainage systems. Similarly, when pet wastes are not disposed of properly, the nutrients within the wastes can be brought into the drainage systems during a storm event. By holding workshops for the public or delivering educational pamphlets at schools, residents can learn how their actions are affecting the health of the ponds and how they can help reduce their nutrient contribution.

9. Task 8: Preliminary Design

The conceptual designs for the systems at the top three priority outfalls were developed to the preliminary (or permit) level of detail. This included a detailed topographic survey, wetland delineation, preliminary project specifications and invert and elevation information for each of the individual systems. The top priority locations in Halifax were surveyed to provide more detailed information of the sites. The contours, features, and structures were created in the drawing based on information from MassGIS.

The preliminary designs include deep-sump catch basins, new 12-inch HDPE drainage pipe, settling tanks, infiltration trenches, and infiltration basins. The settling tanks include three chambers, each sized to store the 1/10-inch runoff volume from the impervious area contributing to the stormwater system. The existing drainage system was utilized in the preliminary designs where appropriate and proposed piping was designed to connect the existing drainage system to the proposed drainage systems. The three preliminary designs include some form of overflow protection that allows the stormwater to overflow to the existing outfall in the case of a large storm event.

The preliminary design for OW-09, the Halifax Beach Association outfall, includes connecting the existing drainage system to an 8,000-gallon settling tank that flows into an infiltration field underneath the beach. The infiltration field consists of 21 Cultec 330XLHD units and will be designed to store approximately 43% of the 1-inch runoff volume. This system will be capable of removing approximately 1.15 pounds of phosphorus from entering the West Monponsett Pond.

The preliminary design for OW-16, the outfall connected to the culvert on Monponsett Street (Route 58), is designed to have two stormwater management systems. System #1 will connect to the existing drainage system to the North of the outfall location and System #2 will connect to the existing drainage system to the South of the outfall location. System #1 is designed to install a drainage pipe from the drain manhole in the street to a 6,000-gallon settling tank, before discharging into an infiltration field. The infiltration field for System #1 includes four 6 feet diameter by 4 feet deep leaching pits. System #2 will include a 10,000-gallon settling tank that connects to the existing drainage system, discharges to an infiltration area, and then overflows into a surface treatment system. System #1 and System #2 are designed to store approximately 48% and 35% of the 1-inch runoff volume, respectively. System #1 will be capable of removing

approximately 0.78 pounds of phosphorus and System #2 will be capable of removing 1.85 pounds of phosphorus from entering the West Monponsett Pond.

The preliminary design for OW-19, the outfall located on Ocean Avenue in the Town of Hanson, includes the installation of a new deep sump catch basin and the installation of a stormwater management system. The existing drainage system will be connected to a 10,000-gallon settling tank before discharging into an infiltration field. The infiltration field consists of 24 Cultec 330XLHD units and will be located beneath Ocean Avenue, with parts of the infiltration field in the Town of Hanson and parts in the Town of Halifax. The stormwater management system for OW-19 is designed to store approximately 35% of the 1-inch runoff volume. This system will be capable of removing approximately 1.52 pounds of phosphorus from entering the West Monponsett Pond.

These designs will require additional maintenance from the Halifax Highway Department to allow the systems to continue to run as designed. The Massachusetts Stormwater Handbook provides general maintenance schedules for the different stormwater structures designed as part of this project. The following information is from “Volume 2 Chapter 2: Structural BMP Specifications for the Massachusetts Stormwater Handbook”. Please note the following are generalized recommendations; some drainage systems may have site-specific conditions that may require deviation from the activities and frequencies listed below. Deep sump catch basins should be inspected or cleaned at least four times per year and at the end of the foliage and snow removal seasons. A study found that once 50% of the sump is filled, the catch basin is not able to retain additional sediments. If the deep sump catch basin cannot retain additional sediments, the deep-sump catch basin is not being used as it is designed. Settling tanks should be cleaned twice a year and should be inspected at least monthly and after every major storm. Settling tanks, if not maintained, will have less capacity to store runoff during storm events than it was designed to hold. Subsurface structures such as the Cultec units and the leaching pits are difficult to maintain. However, the settling tank is installed to remove the sediments before they enter the subsurface structures. Therefore, as long as the structures upstream of the subsurface structures are maintained, the subsurface structures are capable of performing as they were designed. The inlets should be inspected at least twice per year and mosquito controls should be included in the Operation and Maintenance Plan. The constructed wetland should be inspected during both the growing and non-growing seasons twice a year for the first three years of construction, forebays should be cleaned out once a year, and sediment should be cleaned out in basin/wetland systems once every 10 years. These maintenance schedules are critical for the Town to follow throughout the life of the system. If the systems are not maintained, the systems could no longer be able to treat the stormwater as designed. Attachment H (Cultec System O&M) contains an Operation and Maintenance guide for the Cultec systems.

10. Task 9: Cost Estimates

The cost estimates were developed by working with manufacturers of similar stormwater systems to those designed for the outfalls in Halifax. These cost estimates can be used to determine the necessary funding and planning for the implementation of each outfall. The estimates are broken down by line item for each of the individual outfall locations. The costs estimated in this section are only based on the 29 outfall locations brought to the conceptual and preliminary design level and therefore do not include the outfalls that are not discharging towards either of the ponds. There are 26 outfalls designed to the conceptual level with 23

stormwater systems as a couple of outfalls are designed to be a part of a joint stormwater system. The other three outfalls (priority outfalls) were designed to the preliminary level. The final cost estimates include a contingency factor of 20%, an engineering factor of 10%, a permit factor of 5%, a construction administration factor of 10%, and contractor overhead (10%) and profit (10%). These factors are applied to the construction costs based on the material costs. Table 2 summarizes the unit costs for the cost estimates of the conceptual designs.

Table 2 Unit Costs

Item	Units	Cost*
12-Inch HDPE Pipe	LF	$65
Asphalt (Removed and Replaced)	SY	$35
Cultec Infiltration	EA	$1,000
Leaching Pits	EA	$4,000
Surface Treatment	SY	$200
Catch Basin Insert**	EA	$965
Settling Tank	EA	$7,500
Drain Manhole	EA	$5,000
Deep-Sump Catch Basin	EA	$5,000
*The costs are based on the 2017 dollar **Based on the inserts fitting without modification needed		

When estimating the area of asphalt to be removed and replaced for installation of the stormwater structures and the trench for the proposed 12-inch HDPE drainage pipe, the following was assumed:

- For installation of 12-inch HDPE drainage pipe a 4-foot wide trench would be created and therefore the area of asphalt to be removed and replaced would be approximately the length of the pipe multiplied by the 4-foot wide trench.
- For installation of the deep-sump catch basins and drain manholes, the area of asphalt to be removed and replaced would be approximately 100 square feet.
- For installation of the 8 feet x 14 feet settling tank, the area of asphalt to be removed and replaced would be approximately 247 square feet. This area assumes the trench for the settling tank will be 13 feet x 19 feet.
- For installation of the Cultec units, the area of asphalt to be removed and replaced would be approximately 36 square feet.

The cost estimate provides four different options for implementation and the costs associated with each option. The first option is to install catch basin inserts in all of the catch basins within each drainage area. The second option is to take all the catch basins and install deep-sump catch basins with the catch basin inserts as well. The third option provides the costs if the Town decided to install the stormwater management systems based on the outfalls' conceptual designs. The fourth option provides the costs if the Town decided to install the stormwater systems based on the outfalls' preliminary designs. The cost estimate was created first using the unit costs from Table 2 to calculate the construction cost for each of the drainage areas. The

construction costs for each drainage area were rounded to the nearest $5,000 for costs greater than $5,000 and, for costs less than $5,000, the cost was rounded to the nearest $1,000. Once the construction costs were estimated, a 20% contingency factor, a 10% engineering factor, a 5% permitting factor, and a 10% construction administration factor were added on top of the construction cost. The final cost estimates for each of the three options are summarized in Table 3. A breakdown of the costs estimates for each of the drainage areas can be found in Attachment I (Cost Estimates).

Table 3 Cost Estimate

Option	Construction Cost	Contingency (20%)	Engineering (10%)	Permit (5%)	Construction Administration (10%)	Total Project Cost
Catch Basin Insert Only	$104,000	$21,000	$10,000	$5,000	$10,000	$150,000
Catch Basin Insert and Deep-Sump Catch Basin	$1,000,000	$200,000	$100,000	$50,000	$100,000	$1,450,000
Based on Conceptual Design Plans (Non-Priority Outfalls)	$1,936,000	$387,000	$194,000	$97,000	$194,000	$2,810,000
Based on Preliminary Design Plans (Priority Outfalls)	$220,000	$44,000	$22,000	$11,000	$22,000	$320,000

The costs for the first three options in Table 3 are based on the 26 outfalls that are discharging to the East or West Monponsett Ponds. The last option “Based on Preliminary Design Plans (Priority Outfalls)” is the cost associated with installing the stormwater management systems designed for the three priority outfalls. The costs for the first three options are only for the non-priority outfalls as it is assumed that the priority outfalls will be installed per their preliminary design plans.

Following the installation of the stormwater management systems, the systems will need to be maintained in order for the systems to function as designed. Manufacturers of the catch basin inserts recommend cleaning the units twice per year by removing debris, sand, and silt. The catch basin insert cartridges are recommended to be replaced once per year. These maintenance recommendations will depend on the location of the catch basins since the catch basins in areas with large amounts of sediment and foliage will require a more aggressive maintenance schedule.

The Town requested an estimation of the increase in maintenance for future planning. For conservative purposes, the maintenance was assumed to be conducted four times per year, each inspection would take about 1 hour, and the maintenance would be conducted by a Highway Department employee at $25/ hour. Based on the catch basin insert only design, 103 catch basins would receive a catch basin insert. Table 4 summarizes the cost of maintenance based on the previously described assumptions.

Table 4 Maintenance Cost Estimate

Catch Basins	Inspections per Year	Duration of Inspection and Maintenance	Highway Department Hourly Rate	Maintenance Cost
103	4	1 hour	$25/hour	$10,300

Table 4 is based on costs for the maintenance of catch basin inserts only and does not include the maintenance of the Cultec systems or settling tanks. In addition to the $10,300 of maintenance cost, it is recommended that the catch basin inserts be replaced once per year. At a cost of $215, the total cost to replace all the catch basin filters will be approximately $22,145 per year. The yearly maintenance cost for the catch basin inserts will be approximately $10,300 per year.

Table 5 Cartridge Replacement Cost Estimate

Catch Basins	Cost to Replace Cartridge Per Year	Total to Replace All Cartridges	Maintenance Cost (Table 4)	Total Maintenance Cost Per year
103	$215	$22,145	$10,300	$32,445

Table 5 summarizes the total cost to the Highway Department for maintaining the catch basins and catch basin inserts. These costs do not include the maintenance of the Cultec systems and are based off a conservative maintenance schedule of four inspections per year. When summing the $10,300 for the maintenance of the catch basins and the $22,145 to replace all of the cartridges annually, the total maintenance cost per year would be approximately $32,445 if the option to install catch basin inserts in all of the catch basins were chosen.

11. Summary

The outfalls located in the areas of the West Monponsett and East Monponsett Ponds are currently discharging nutrients, such as phosphorus, into both of the ponds. With the installation of the designed stormwater systems, the Town of Halifax could be capable of removing approximately 88% of the phosphorus loading from stormwater runoff. By reducing the phosphorus loading entering the East and West Monponsett Ponds, the Town of Halifax would have the capability of improving both of the ponds and meeting their TMDL requirements.

Technical Memorandum Attachments

Attachment A
QAPP

Town of Halifax

Stormwater Outfall Assessment for the East and West Monponsett Ponds, Halifax MA

Quality Assurance Project Plan (QAPP)

EPA Grant Number: CE00A00004
EPA RFA Number RFA16131

Revision: 1

September 2016

Approvals

EPA Project Officer	Signature	8/24/16 Date
EPA QA Officer	Signature	9/01/2016 Date
NEIWPCC Project Officer	Signature (for Heather Radcliffe)	08/10/2016 Date
NEIWPCC QA Officer	Signature	8/10/16 Date
Town of Halifax Project Officer	Signature	9-2-16 Date
GHD Project Manager	Signature	8/9/16 Date

QAPP – Stormwater Outfall Assessment for East and West Monponsett Ponds, Halifax MA

Revision 1

Revision date: 08.02.2016

Table of Contents

Signature Page 1

Distribution List 3

1. Project Management 4
   - 1.1 Project Organization 4
   - 1.2 Purpose of Study, Background Information, and Problem Definition 5
   - 1.3 Overview of Project Tasks 5
   - 1.4 Quality Objectives and Criteria 7
2. Data Selection and Management 11
   - 2.1 Sources of Existing Data 11
   - 2.2 Intended Use of Existing Data 11
   - 2.3 Limitations on the Use of Existing Data 11
3. Assessments and Oversite 13
   - 3.1 Personnel Responsibility 13
   - 3.2 Documentation of Project Oversight and Problem Resolution 13
4. Data Review – Verification, Validation, and Evaluation 14
5. Project Schedule 15
6. Project Reporting 16

Table Index

Table 1 Project Schedule 15

Figure Index

Figure 1 Project Organization Chart 5

Figure 2 Decision Data Tree 9

Appendices

Appendix A – Scope of Work

Distribution List

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GHD

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Phone: 774-470-1647

1. Project Management

1.1 Project Organization

Caitlyn Whittle, US EPA Region 1 Project Officer—Ms. Whittle will provide general oversite of the project and final review/approval of all final work deliverables.

Heather Radcliffe, NEIWPCC—Ms. Radcliffe will provide general oversite of the project and final review/approval of all final work deliverables.

Tom Borden, NBEP—Mr. Borden will provide general oversite of the project.

Cathy Drinan, Town of Halifax Board of Health—Ms. Drinan's primary role for this assignment will be the Town's main representative and manager. She will coordinate meetings, assist the consultant with the collection of past information, and ultimately use the results of this project to advocate for future grants for implementation of stormwater systems.

Town of Halifax Highway Department—Robert Badore, Highway Surveyor. The Town's Highway Department will provide field assistance in the form of opening/closing existing structures for mapping purposes, traffic control, and provide additional personnel to aid in the field verification of outfalls as needed.

Russell Kleekamp, GHD Project Manager—Mr. Kleekamp will be responsible for overseeing the gathering and evaluation of available secondary data and development of project deliverables. He will coordinate the needed engineers and field staff to locate, map, and prioritize outfalls to ensure maximum possibility of future grant funding for implementation.

Marc Drainville, GHD Project Director/QA-QC—Mr. Drainville is responsible for providing quality assurance/quality control for project deliverables.

Jessica Janney, Project Engineer—Ms. Janney is responsible for maintaining the official, approved QA Project Plan and ensuring the project meets its requirements.

Lines of communication for the project are summarized in the organizational chart shown in Figure 1.

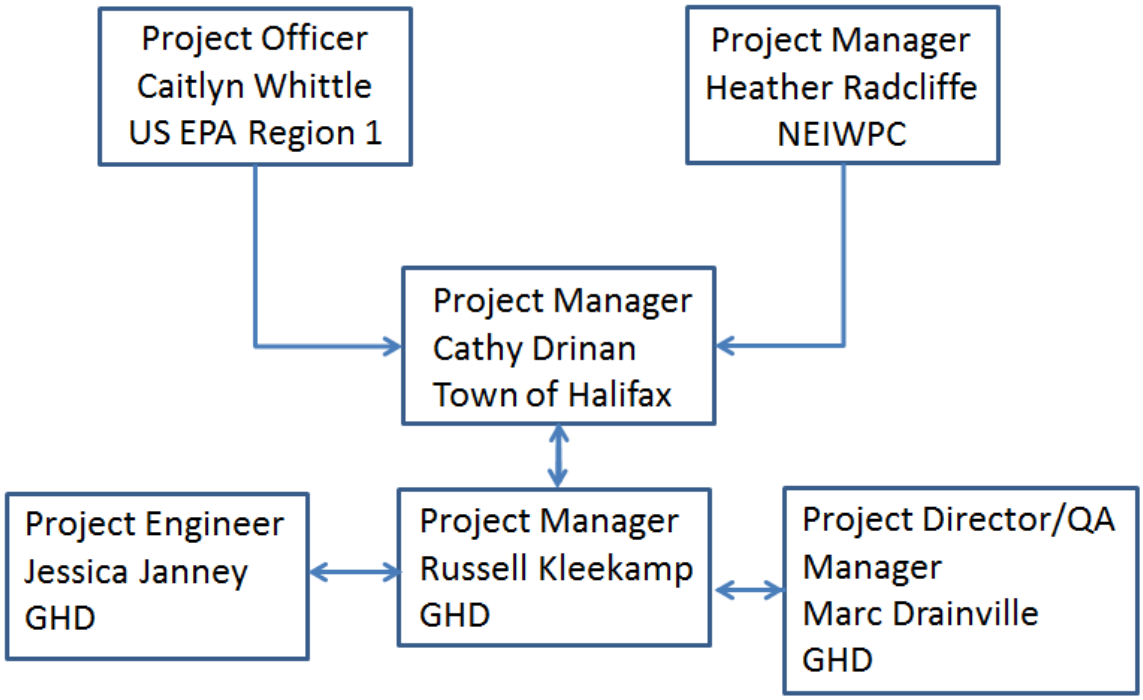

Figure 1 Project Organization Chart

1.2 Purpose of Study, Background Information, and Problem Definition

The purpose of study, background information, and problem definition is outlined in the Scope of Work for this project, which is attached as Appendix A.

1.3 Overview of Project Tasks

The objective of this project is to identify, map and prioritize the stormwater outfalls, scuppers and other point sources discharging to the East and West Monponsett Ponds. The extent of the project area is shown in Figure 2.

Figure 2 – Project Locus

Project tasks, including a summary of work to be performed, work schedule, details of geographical locations to be studied and resources, is outlined in the Scope of Work for this project, which is attached as Appendix A.

The following tasks in the Scope of Work require primary and secondary data collection:

- Review of available secondary water quality data from respected federal, state, and local agencies.
- Field verification of unknown outfalls and point discharges. GHD will travel the roads and developed areas around the ponds to locate catch basins and determine if they have a point discharge, such as an outfall pipe. GHD will also travel the bank of the ponds by boat to investigate any outfalls that may not be visible or accessible by land.
- A detailed topographic survey with wetland delineation will be developed for the three highest priority outfalls.

1.4 Quality Objectives and Criteria

1.4.1 Objective

The quality objective of this project is to accurately identify all stormwater outfalls and negative pollution influences in East and West Monponsett Ponds. The project will use both primary and secondary data sources.

The project will generate primary data through field investigation of outfalls, geolocation of the outfall locations, topographic surveys and wetland delineation. Accuracy, precision, bias, representativeness, completeness, comparability, and method sensitivity will be assessed collaboratively by GHD staff, based on the criteria and methodologies outlined in this document.

This project will also rely on existing (secondary) water quality data from respected and trusted federal, state, and local agencies—such as the Halifax Board of Health, Massachusetts Department of Environmental Protection (MassDEP), the Massachusetts Department of Public Health (DPH), and the Massachusetts Office of Geographic Information (MassGIS). The sources of all secondary data used in this project will be identified in all reports and deliverables and commentary on data quality will be included, if appropriate. Criteria

The following criteria will be used to ensure primary data meets the quality objectives for this project:

- Verify that all equipment used for the the collection of GPS coordinates for this project receives all necessary software and App updates prior to data collection, ensuring the most accurate readings and data possible.
- Ensure that GPS instruments utilized for data collection have an accuracy of +/- one cm on both the horizontal and state plan coordinate system.
- All GPS units shall be calibrated in accordance with the manufacturer's recommendations.
- The GPS user manual will be reviewed thoroughly to reduce potential bias or precision errors.
- Multiple readings shall be taken at each location to ensure precision of results.
- GPS output shall be compatible with the Commonwealth's GIS information mapping system.
- Coordinates should be collected in decimal degrees with as many decimal places as are available
- GPS data collected in the field will be compared to geo-rectified images from Google Earth to ensure precision in data collection.
- The professional judgement of GHD project staff will be relied upon evaluating results. Poor quality data will be rejected and replaced as part of this project.
- In the event that the GPS coordinates appear inaccurate or incomplete, the site will be re-visited and the coordinates shall be re-taken.

- All vertical survey and delineation data shall be based on North American Vertical Datum of 1988 (NAVD 88) and the horizontal control shall be based on NAD 1983 State Plan Massachusetts Mainland Projectional in feet.
- All survey work shall meet the Procedural and Technical Standards for the Practice of Land Surveying (250 CMR 6.00).

The following criteria will be used to ensure secondary data meets the quality objectives for this project:

- Verify that the data has been generated by a reliable source. Reliable sources for this project include data generated by federal, state, and local agencies, research institutions, and data that has been published in peer-reviewed articles or publications.
- Data has been generated through a program with a QAPP or similar plan documenting quality assurance and quality control procedures to ensure data accuracy, precision, representativeness, and comparability.
- All data used in this project shall be fully referenced.
- In order to ensure transparency in decision-making if any data is excluded from the study, the criteria and reasons to exclude the data will be documented in the deliverables for this project.
- A copy of every secondary data set shall be saved as a read-only, protected file that can be referenced during the development of the working dataset.
- All formulas including units, conversion factors, and formulas will be shown on the working dataset spreadsheet.

All of the data used for this project will be evaluated and ranked for data quality based on the data source. The data ranking order that will be used is: (1) collected under a QAPP, (2) published in a peer-reviewed scientific journal, (3) published in a technical report, (4) from an unpublished database.

The completeness of the dataset will be assessed through either an inspection of the metadata or the dataset itself. If completeness is deemed adequate, the Decision Data Tree, outlined in Figure 3, will be used to determine whether the data meets the quality objectives for this project.

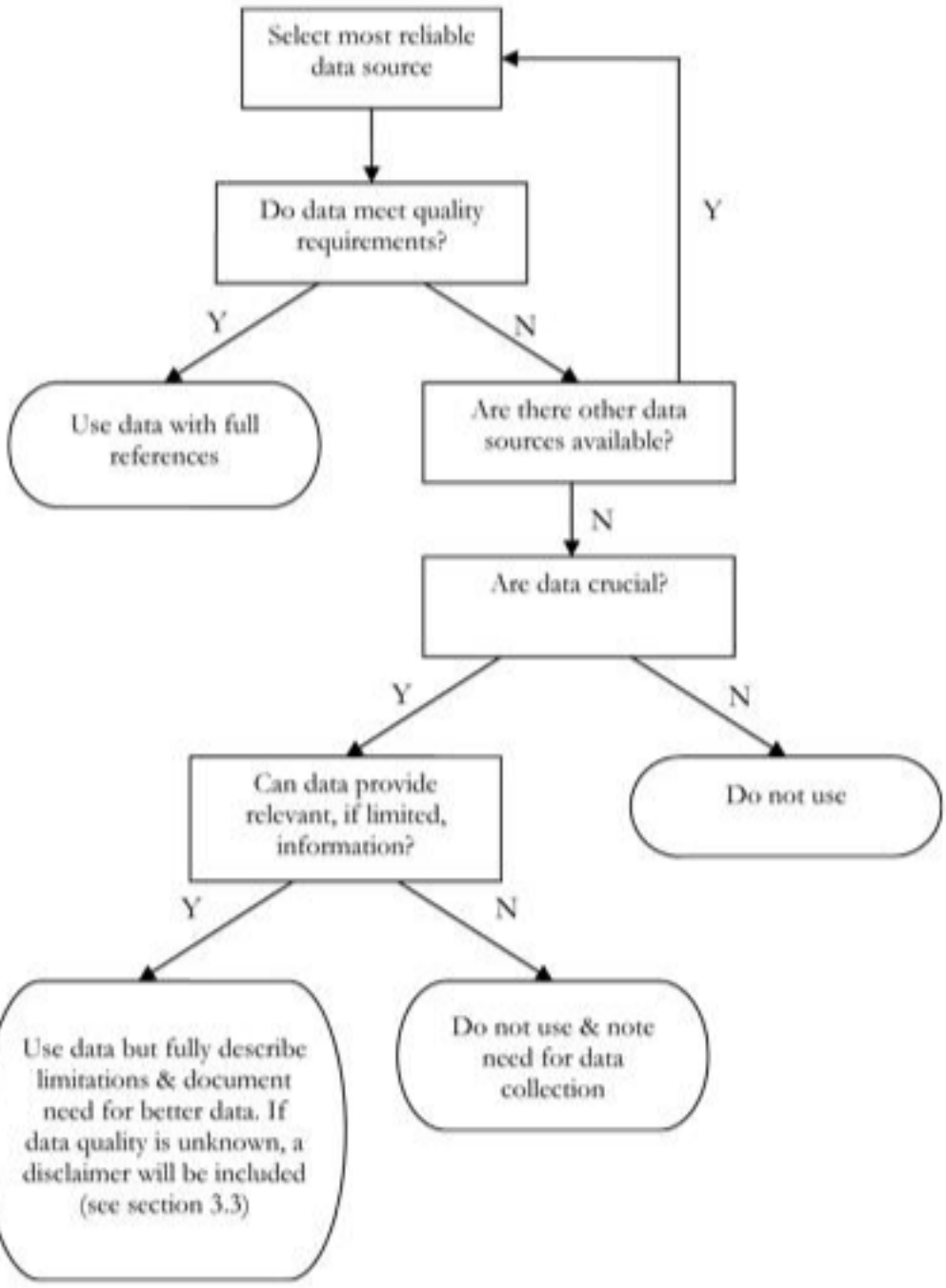

Figure 3 Decision Data Tree

1.5 Documentation and Records

All of the data collected for this project will be stored on the GHD computer network. GPS data gathered at each site will be stored in an Arc GIS v 10.2 compatible shapefile. All survey data will be stored as a .DWG file in a format compatible with Civil 3D 2012 or greater. All field-measured

data will be scanned and saved to the project files on the GHD computer network. Upon completion of the project, copies of all data files and metadata will be delivered to the Town of Halifax. All hard copy and electronic project documents and records will be retained by GHD for a minimum of ten years.

2. Data Selection and Management

2.1 Secondary (Existing Data)

2.1.1 Sources of Existing Data

This project will rely on existing data from trusted and respected federal, state, and local agencies, such as the Halifax Board of Health, MassDEP, Massachusetts Department of Health, and the Massachusetts Office of Geographic Information (MassGIS).

2.1.2 Intended Use of Existing Data

The goal of the Stormwater Outfall Assessment for East and West Monponsett Ponds Project is to accurately identify all stormwater outfalls and negative pollution influents on the ponds.

The Halifax Highway Department, with the assistance of the Old Colony Planning District, has completed catch basin mapping for the major roads and highly developed areas of Town, however the Highway Department has confirmed that there are numerous outfalls existing on the ponds that have not been identified or mapped to date. During this project outfalls and point sources will be located and recorded via GPS to an accuracy of +/- 1 cm on both the horizontal and state plan coordinate system compatible with the Commonwealth's GIS information mapping system.

Existing sampling data will be used to help identify negative pollution influences on the ponds and to assist in prioritizing untreated stormwater outfalls, scuppers, and other point discharge sources contributing stormwater pollution to East and West Monponsett Ponds.

2.1.3 Limitations on the Use of Existing Data

All data used for this project must meet the following requirements:

- Data was generated by a reliable source. Data sources that are generally trusted and respected include, but are not limited to, the Halifax Board of Health, Massachusetts Department of Environmental Protection (MassDEP), the Massachusetts Department of Health, and the Massachusetts Office of Geographic Information (MassGIS).
- Data was generated through a program with a QAPP, or similar plan documenting quality assurance and quality control procedures to ensure data accuracy, precision, representativeness, and comparability.
- All existing data sets used in the project must be generated using the same or comparable sampling and analytical methods or SOPs.
- Data must indicate if results are from composite or grab sampling.

The GHD project engineer is responsible for reviewing all acquired data and determining its acceptability for use in the project. Any identified limitations on the use of existing data will be discussed and documented in the final deliverables of this project.

2.2 Primary Data

Primary data that will be collected for this project is described in this section.

A. Geolocation of Outfall Coordinates, Obtained by Portable GPS

Field research will be conducted to locate any unknown outfalls, scuppers and other stormwater inputs to the pond throughout the developed areas around the ponds. Once land reconnaissance is completed, the consultants will travel the banks of the ponds by boat to investigate any outfalls that may not be visible or accessible by land. Once a landfall is located – either by land or water – the location will be recorded via GPS to an accuracy of +/- 1 cm on both the horizontal and state plan coordinate system compatible with the Commonwealth's GIS information mapping system.

B. Topographic Surveys and Wetland Delineation

A detailed topographic survey with wetland delineation will be developed for the three highest priority outfalls, as determined through the use of a prioritization matrix. All survey work shall meet the Procedural and Technical Standards for the Practice of Land Surveying (250 CMR 6.00).Sampling Methods and Custody

Geolocation of outfall coordinates will be obtained with a handheld GPS unit. All data obtained from the field investigation shall be recorded by hand in a field notebook, which shall be scanned and saved to the project server in a timely manner.

The topographic survey and wetland delineation shall be conducted in accordance with the Procedural and Technical Standards for the Practice of Land Surveying (250 CMR 6.00). All survey data shall be store in a .DWG file in a format compatible with Civil 3D 2012 or greater. Vertical and horizontal controls shall be listed in the general notes for the survey and all benchmarks shall be clearly indicated on the plans

2.2.1 Quality Control

All primary data collected in the field will be compared to geo-rectified images from Google Earth as a Quality Control measure. In the event that the GPS coordinates or topographical survey results appear inaccurate or incomplete, the site will be re-visited and the coordinate shall be re-taken.

Drainage calculations will be performed by or under the direction of a Registered Professional Engineer with HydroCAD Stormwater Modeling System (based on TR-55 and SCS unit hydrograph runoff procedure). All calculations will comply with MassDEPs "Stormwater Management Standards" requirements for treatment, peak rate attenuation and recharge. Design of stormwater control systems will follow MassDEPs "Documenting Compliance" guide and use a Type III 24-hour design storm.

2.2.2 Instrument/Equipment Testing, Inspection and Maintenance

All GPS units shall be calibrated in accordance with the manufacturer's recommendations prior to every field visit. All survey equipment shall be calibrated and maintained in accordance with the guidelines outlined in the Procedural and Technical Standards for the Practice of Land Surveying (250 CMR 6.00).

2.2.3 Data Management

All GPS coordinates obtained in the field will be recorded by hand in a field notebook. The relevant pages from the field notebook shall be stored in PDF format, as scanned copies, on the project server for record keeping.

All survey data shall be stored on the project server in a .DWG file in a format compatible with Civil 3D 2012 or greater.

All data for the project will be stored on the GHD project server for the duration of the project. The data will be provided in an electronic format to the Town of Halifax at the completion of the project. The GHD project engineer is responsible for monitoring compliance with the Data Management Plan.

3. Assessments and Oversite

3.1 Personnel Responsibility

The Stormwater Outfall Assessment for East and West Monponsett Ponds is being led by the Town of Halifax. GHD is responsible for the development of the Quality Assurance Project Plan (QAPP) and execution of the project. All personnel involved with this project are required to have reviewed and be familiar with this QAPP. No special training requirements or certifications are needed by project staff for the completion of the tasks outlined in the work plan. GIS analysis will be performed or overseen by qualified staff with proper GIS training and experience.

The GHD project engineer will be responsible for overall validation and final approval of the data in accordance with project purpose and use of the data. The GHD project director will provide a Quality Assurance/Quality Control (QA/QC) review of all project deliverables.

NEIWPCC may implement, at its discretion, various audits or reviews of this project to assess conformance and compliance with the quality assurance project plan in accordance with the NEIWPCC Quality Management Plan.

3.2 Documentation of Project Oversight and Problem Resolution

The GHD project engineer will review the data quality of all compiled data sets to determine if it meets the requirements of this QAPP. The GHD project director will provide a QA/QC review of all deliverables.

The findings of this review and any limitations of the data for this project will be discussed with the Town of Halifax and will also be documented in the final deliverables of this project. If inconsistencies are found in the quality of the base data, an effort will be made to identify and obtain more accurate base data.

4. Data Review – Verification, Validation, and Evaluation

The professional judgement of GHD's project staff will be relied upon in evaluating the data results for this project relative to the acceptance criteria outlined in Section 1.4.2. Poor quality data will be rejected and replaced as part of this assessment, if GHD staff determines it is inadequate. All rejected data sets will be documented in the deliverables of this project, along with the reasons for its rejection.

The following questions will be evaluated in order to determine if the data is adequate to be used in this project:

Is data unbiased and sufficiently representative?

Were data sets collected using the same or comparable methods or SOPs?

Were data sets collected by trained personnel familiar with the appropriate SOPs?

Do the data sets meet necessary detection limits and is it reported in the correct units of measurement?

Does primary data correlate closely with Google Earth geo-rectified images?

Was primary data collection equipment calibrated in accordance with the methods outlined in this QAPP?

5. Project Schedule

The project schedule is outlined in Table 1.

Table 1 Project Schedule

Scope Item	Deliverable
1. QAPP	June 2016
2. Review of Existing Information and Project Kickoff Meeting	July 2016
3. Field Verification of Outfalls and Point Sources	July - August 2016 (weather permitting)
4. Point Source (Outfall) Mapping	September 2016
5. Delineation of Drainage Areas and Stormwater Calculations	October 2016
6. Prioritization Matrix	February 2017
7. Conceptual Design	November 2016
8. Preliminary Designs (three outfalls)	December 2016
9. Cost Estimates	January 2017
10. Final / Quarterly Reports	Quarterly Reports submitted in: • August 2016 • November 2016 • February 2017 • May 2017 Draft Final Report • March 2017 Final Report • April 2017
11. Public Outreach and Education	May 2017
12. Project End Date	June 1, 2017

6. Project Reporting

Quarterly reports will be developed during the project describing work progress to date; completed outputs; problems encountered and anticipated; a statement of activity anticipated during the next reporting period; and a comparison of the percentage of the Project completed to the project schedule. If data sets are found to be not acceptable during the data review period, these findings will be noted in the quarterly report.

A final report will be developed summarizing project findings and recommendations. The report will also include recommendations of follow-up grant funding and approaches for project implementation. The report will include a quality assurance section and will identify all sources of existing data that were used in the report. The report will note that all data used in the project is available upon request.

This report: has been prepared by GHD for the Town of Halifax and *may only be used and relied on by the Town of Halifax for the purpose agreed between GHD and the Town of Halifax as set out in the Scope of Work for this project.*

GHD otherwise disclaims responsibility to any person other than the Town of Halifax arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

QAPP – Stormwater Outfall Assessment for East and West Monponsett Ponds, Halifax MA

Revision 1

Revision date: 08.02.2016

Appendices

Appendix A – Scope of Work

Title: Stormwater Outfall Assessment for the East and West Monponsett Ponds

Primary Investigator: Cathleen Drinan, Halifax Board of Health Agent
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Halifax, MA 02338
781 293 6768 cdrinan@town.halifax.ma.us

Project Financial Contact: Sandra Nolan, Halifax Town Assessor
499 Plymouth St.
Halifax, MA 02338
781 293 1316 snolan@town.halifax.ma.us

Contact Information: See Above

Project Support and Partners: Robert Badore, Highway Surveyor, Town of Halifax Highway Department
The Massachusetts Division of Ecological Restoration (DER)

Funds Requested: $57,337.50 Total matching funds: $19,112.50

Federal Tax Identification Number: 04-6001167

DUNS Number: 075370296

Project Abstract

The objective of this project is to identify, map, and prioritize the stormwater outfalls, scuppers, and other point sources discharging to the East and West Monponsett Ponds. The three highest ranked priority outfalls will have preliminary designs developed for them. There are estimated to be 20 outfalls. Emphasis for designs will be placed on the use of Best Management Practices (BMPs) and low impact development as recommended by previous EPA modelling completed for the contributing watershed.

Methodology used to map the outfalls will be to field locate from both land and water. Several outfalls are visible and are known by Town staff, but additional outfalls, scuppers, and point sources are expected to exist based on existing drainage infrastructure within the watershed. Once located, upstream drainage structures will be opened and investigated to delineate the contributing drainage area. Using aerial photography, GIS information, and LiDAR information, the contributing impervious area will be developed. Other criteria will be considered as described in the grant application.

The output is a prioritization and preliminary design for three outfalls discharging to the ponds. This will be valuable information that the Town will need for future grant funded efforts to implement BMPs within the watershed.

Application Narrative
Stormwater Outfall Assessment for the East and West Monponsett Ponds
Southeastern New England Program Water Quality Management Grants
Water Quality Management Grants for the Greater Narragansett Bay Watershed

I. INTRODUCTION AND PROBLEM DESCRIPTION. The Town of Halifax Board of Health and the Monponsett Watershed Association is pleased to submit the following application to assess the stormwater outfalls discharging untreated runoff to the Monponsett Ponds as a project under the Southeastern New England Program Water Quality Management Grant program.

Proposed work under this project would include:

- *Development of project QAPP.*
- *Review of existing information of known outfalls and point discharges.*
- *Field verification of unknown outfalls and point discharges.*
- *Outfall and point source discharge mapping.*
- *Drainage area delineation and related calculations.*
- *Develop prioritization schedule of outfalls.*
- *Conceptual designs for applicable sites.*
- *Preliminary (permit level) designs for three highest priority sites.*
- *Develop cost estimates of probable engineering and construction costs for all identified outfall and point source sites.*
- *Final memorandum of findings and recommendations for implementation.*
- *Public education and participation (three workshops total).*

As a community, we are greatly concerned with the untreated runoff; non-sustainable management practices of the ponds and the resulting decline in water quality; habitat; and overall health of the system. Dense development and the creation of impervious areas around the ponds have created a source for stormwater pollution entering the ponds, further degrading the already impaired habitat.

Within the Taunton River Watershed, lie the Monponsett Ponds. Split into a "west" and "east" basin by Route 58, the ponds play a unique role in these three watersheds due to a long history of manmade manipulations and interventions. The ponds are relatively shallow (approximately 13 feet at the deepest) water bodies that serve several public interests including drinking water supply, fisheries and wildlife habitat (including habitat for three state-listed species) flood control, and recreation.

In brief (to be expanded on later), the primary indicators of degradation in the ponds are:

- *Algal blooms (with results as high as 1,900,000 cells/ml (note threshold is 70,000 cells/ml per MDPH and trigger beach closures). West Monponsett Pond has been closed since July 9th 2015 to date from high algal blooms.*
- *Numerous untreated stormwater outfalls discharging untreated runoff to the ponds.*
- *Stagnation and idle flow due to diversions and artificial reversal of flow direction from west to east (exacerbating eutrophication).*
- *Elevated water levels and flooding concerns.*

- *Low dissolved oxygen.*
- *Fish kills.*
- *Excess and nuisance vegetation.*

To address the above problems, the Town of Halifax was previously awarded approximately $80,000 from the Massachusetts Department of Environmental Protection (MassDEP) through the Sustainable Water Management Initiative (SWMI) to further investigate the state of the ponds. The resulting report[1] analyzed the water budget and environmental impacts and concluded that the current management regime is non-sustainable.

The main challenge that this project will address is identifying and prioritizing the existing stormwater outfalls that contribute stormwater pollution to the ponds. To date, minimal efforts to improve the state of the runoff entering the ponds has been performed. While catch basin mapping and annual maintenance has been performed for the majority of the system, limited budgets have focused monies on higher priority projects within the Town. This project, if funded, will put into place an approach to systematically identify and mitigate outfalls that contribute the largest amounts of stormwater pollution into the ponds. The west basin has been identified as a Category 5 waterbody on the 2012 Massachusetts List of Integrated Waters for excess algal growth and phosphorus. Fish kills are also common to the ponds as excessive nutrients and vegetation limit dissolved oxygen resulting in the kills.

Previous water quality testing by the Halifax Board of Health, MassDEP and the Mass Department of Health all show excessive readings of algae on a routine basis and sometimes coliform in outfall plumes after a heavy rain. These are all exacerbated by the runoff that enters the pond, carrying elevated amounts of nutrients and harmful bacteria.

The approach of identifying outfalls, prioritizing, and mitigating has worked successfully for other municipalities in the region. The Towns of Brewster, Provincetown, and Wareham have all used grant funds to identify multiple outfalls contributing pollution to a single water body, and followed up with implementation actions to mitigate the harmful effects.

From 2014 to the present, three additional significant efforts have also been initiated to study the water quality of the ponds.

1. Priority Project Recognition by the Massachusetts Division of Ecologic Restoration, where flow restoration efforts have been developed for Stump Brook which drains to West Monponsett Pond.

2. MassDEP awarded a second SWMI grant for the study of automated controls on Stump Brook Dam.

3. USEPA implemented their Watershed Management Optimization Support Tool (WMOST) for the Monponsett Watershed. This tool identified critical areas within the watershed that would benefit from the installation of Low Impact Development (LID) and green stormwater infrastructure to reduce the pollutant loading to the ponds. This will be a key criterion for the development and prioritization of outfalls to the ponds.

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[1] *Sustainable Water Management Initiative Report, Monponsett Pond and Silver Lake Water Use Operations and Improvement*, SWMI Project No. BRP 2012-06, Princeton Hydro, LLC Ringoes, NJ, July 2013.

II. OBJECTIVES. The primary objective for this project is to identify and prioritize untreated stormwater outfalls, scuppers, and other point discharge sources contributing stormwater pollution to the Monponsett Ponds. This will serve as a basis for future grant funding to allocate funding for the final design and construction of mitigating controls at the existing outfalls. This project will be consistent with the following attributes as listed in the RFP:

The applicant demonstrates sufficient organizational ability to administer and carry out a project. The Town of Halifax has recently been awarded numerous grants for various projects including funding from US EPA, MassDEP, and MassDER. The Town has posted past project and grant results on their webpage.

The effort addresses water quality or habitat impaired by nutrients or pathogens, particularly those identified on the Integrated List of Impaired Waters or as otherwise described in this RFP, and is consistent with the Program's goal of improving water quality, habitat degradation, or human health risks caused by nutrients or pathogens, whether in a single impaired watershed, or across multiple impaired watersheds. The very purpose of this application is to develop an approach and prioritization to address nutrient and pollution loading from stormwater inputs that have been a documented source of impairment to the Monponsett Ponds (West Monponsett Pond is a Category 5 Impaired water body with numerous inpairments). The degraded state of waters has interfered with the welfare of abutting residents through health concerns and impacted recreational measures. The State recently installed a new boat ramp on West Monponsett that remains closed the majority of the year due to algal blooms. West Monponsett Pond currently has the longest consecutive closure due to algal blooms in the Commonwealth. This closure has extended well over 100 days in length. The degraded state of the water also has the potential to impact Silver Lake, a primary drinking water source, through its' hydraulic connection (4-foot diameter aqueduct) with the Monponsett Ponds.

The project shows potential for regional transferability. The approach used for this project has been successful in numerous communities within southeastern Massachusetts and Cape Cod, including Brewster, Orleans, Provincetown, and Wareham. To date, these communities have received over 4 million dollars of subsequent grant funds for implementation of stormwater treatment systems. The implementation of this assignment for the Town of Halifax will be a continued effort showcasing the worth of this assessment for other communities to follow.

The project has watershed-level benefits or an implementation plan that increases the scale of project benefits or cost effectiveness. As stated before, the implementation plan will be based on the prioritization of outfalls identified within this assessment. By leveraging future grant funding for construction, the result will maximize the financial return for the Town of Halifax.

The project invests strategically to leverage resources and harness innovative, cost effective solutions with the potential for high-impact results. Technologies considered for outfall rehabilitation will yield the highest pollutant removal rate given the conditions of the outfall site. Advances in LID and other green infrastructure have yielded astonishing results for other communities. As an example, porous asphalt was placed on Commercial Street in Provincetown as a stormwater treatment measure. Where there was once numerous beach closures after rain events, the Town has an almost 100% reduction in closures since this technology was implemented. This will be one of the many technologies reviewed for implementation as part of this project.

A municipality or municipalities will be the lead or a key partner. The Town of Halifax Board of Health will be the lead partner with support from the Town's Highway Department.

III. METHODOLOGY. The scope of work for this project will be as follows:

Task 1. Quality Assurance Project Plan (QAPP). Develop a QAPP in accordance with NEIWPCC and EPA standards. Project QAPP will be in accordance with the R-5 Checklist provided by NEIWPCC quality management website. The project QAPP will cover data collection, generation, compilation, analysis, evaluation, and/or use of environmental data as needed for this project. Delieverables will include draft and final QAPPs.

Task 2. Project Research / Project Kick-Off Meeting. The first task of the project will be for the project consultant to meet with the Town of Halifax Highway Department and Board of Health to review the project. Items discussed will include known sampling locations for bacteria and algae, the sampling results, any existing catch basin mapping of the streets or contributing area surrounding the ponds, and other relevant information. The Halifax Highway Department, with the assistance of the Old Colony Planning District has completed catch basin mapping for the major roads and highly developed areas of the Town, but the Highway Department has confirmed that numerous outfalls exist on the ponds that have not been identified or mapped to date. The goal of this task is to accurately inform the project stakeholders of the project and collect the work completed to date. Deliverables include meeting minutes and copies of relevant data collected at the meeting.

Task 3. Field Verification of Outfalls and Point Sources. This task will include the field research and investigation to locate any unknown outfalls, scuppers, and other stormwater inputs to the ponds. Developed areas around the ponds will be investigated to determine the location of drainage systems through visual observation. The consultants will travel the roads and developed areas around the ponds to locate catch basins and determine if they have a point discharge such as an outfall pipe. Other sources of stormwater influence such as scuppers, swales, and other stormwater conveyances leading to the pond will also be mapped. Once the land reconnaissance is completed, the consultants will travel the bank of the ponds by boat to investigate any outfalls that may not be visible or accessible by land. Over time, aged drainage systems become "lost" either from private property encroachments or overgrown brush and are commonly not found due to such occurrences. Travel by boat around the perimeter of the pond will give a secondary check on known outfalls and may yield other unknown outfalls. Once an outfall is located—either by land or water—the location will be recorded via GPS to an accuracy of +/- 1 cm on both the horizontal and state plane coordinate system compatible with the Commonwealth's GIS information mapping system. The target goal of this task is to accurately identify all stormwater outfalls and negative pollution influences on the ponds. Deliverables include GPS locations and mapping of all located outfalls.

Task 4. Point Source (Outfall) Mapping. Once the outfalls and other inputs around the pond have been identified, this task will develop the mapping of each drainage system connected to the outfalls. Each outfall will have a series of catch basins, pipes, and related infrastructure that collect flow from the receiving drainage area. The drainage infrastructure will also be mapped and displayed for each of the outfalls located. This will be a critical step to determine the size of the drainage areas leading to each outfall so that accurate stormwater calculations can be developed. The goal of this task is to map the coverage of all drainage areas leading to the outfalls located during Task 2. Deliverables include mapping of all located drainage piping, catch basins, and infrastructure.

Task 5. Delineation of Drainage Areas and Stormwater Calculation. Once mapping is complete, each drainage area will be delineated and separate calculations will be developed totaling the impervious (roads, rooftops, etc.) and pervious areas. These areas will be used to develop storage volumes for the 0.5-, 1.00-, and 1.25-inch rain events for each outfall. Additionally, peak runoff from the 2-, 5-, 10-, and 25-year storm events will also be developed. To develop the impervious and pervious areas, the consultants will use aerial photography to identify roads, rooftops, and other impervious features. These areas will then be totaled within a drainage area to develop the total impervious surface for each outfall located. The calculations will be used to develop sizing for conceptual designs of the drainage areas leading to each outfall. The goal of this task will be to develop final stormwater volumes and calculations needed for the conceptual stormwater designs. Deliverables include drainage calculations.

Task 6. Prioritization Matrix. Using developed criteria, a prioritization matrix will be developed for each outfall's implementation. The criteria used to develop a priority outfall include:

- *Impervious area within the drainage area*
- *Cost of implementation*
- *Availability of public or useable land for construction*
- *Required operation and maintenance of the recommended system*
- *Past sampling results indicating frequent spikes of coliform and/or algal blooms*
- *Any treatment that is already in place and needs to be rehabilitated*

These criteria are general and may be tailored to better fit the needs of the Town of Halifax. Once created, this list will identify the priority outfalls that the Town should address to mitigate the highest degree of stormwater pollution entering the ponds on a timely basis. Deliverables include the prioritization matrix.

Task 7. Conceptual Designs. Once stormwater calculations are complete, we will develop conceptual designs for each of the outfalls. Designs will be based using subsurface leaching where the water table allows, and surface treatment for other areas. LID techniques will also be considered as needed for outfalls if traditional infiltration or surface treatments are not an option. The goal of this task is to develop conceptual plans that can be used to assist with the prioritization of outfalls leading to the ponds.

Task 8. Preliminary Designs. This task will take the conceptual designs of the three highest priority outfalls and bring them to the preliminary (or permit) level of detail. Detailed topographic survey will be included along with wetland delineation; invert and elevation information for the selected technology; and project specifications. These designs will be ready for submission to the required regulatory agency (Halifax Conservation Commission) upon future grant funding.

Task 9. Cost Estimates. Based on the conceptual designs, a cost estimate will be developed to determine the necessary funding and planning for each outfall. Cost estimates will be separated by line item for each outfall located. Deliverables include cost estimates for each outfall.

Task 10. Final / Quarterly Reporting. Using the information gathered in Tasks 1 through 9, a final report will be developed summarizing project findings and recommendations. This report will also include recommendations of follow-up grant funding and approaches for project implementation. The report will contain all of the information gathered in Tasks 1 through 8. We will also develop quarterly

reports as required by NEIWPCC. Deliverables include the draft reports for comment and final reports to the Town and the NEIWPCC.

Task 11. Public Education and Presentations. The Town and their consultant will host a series of three workshops for the general public, Monponsett Working Group, and the Monponsett Watershed Association. The health agent will write articles for the local newspapers on the topic and the progress of the project.

IV. EXPECTED OUTPUTS AND OUTCOMES. The following deliverables will be generated for each Scope of Work item:

SCOPE ITEM	DELIVERABLE
1. QAPP	Draft and Final QAPP
2. Review of Existing Information and Project Kick Off-Meeting	Meeting Minutes
3. Field Verification of Outfalls and Point Sources	Field Notes / Observations
4. Point Source (Outfall) Mapping	Outfall Mapping, both hard copy and electronic
5. Delineation of Drainage Areas and Stormwater Calculations	Copy of Stormwater Calculations
6. Prioritization Matrix	Priority Ranking of Outfalls / Point Sources to Rehabilitate
7. Conceptual Designs	Conceptual Designs for all Outfalls
8. Preliminary Designs (three outfalls)	Preliminary Design for Three Outfalls
9. Cost Estimates	Copies of Cost Estimates
10. Final / Quarterly Reports	Draft and Final Reports for Review
11. Public Outreach and Education	Copies of Presentations

V. EVALUATION METHODS. The success of this project will be based on the future implementation of the developed BMPs. The intent of this project is to develop a prioritization of outfalls and preliminary designs of multiple areas, so that future water quality grants may be utilized for construction and implementation. Since the Monponsett Ponds also serve as tributaries to a surface water supply, numerous grants could be sought for construction dollars, which include following years of this program, the 319 Grant Program, MassDEPs SWMI program, CZM opportunities, as well as other grant sources. The ultimate method of evaluation will be after outfall rehabilitation and improvements to the water quality are measured, based on ongoing Town and Mass DPH sampling.

VI. ROLES AND RESPONSIBILITIES. The follow parties will be responsible for this project:

Town of Halifax Board of Health – Cathy Drinan, Health Agent. The Board of Health has been the Town's spokesperson and manager for almost all related efforts for the Monponsett Ponds. Ms. Cathleen Drinan has detailed project knowledge of the extensive work to date with the ponds, sampling records, environmental knowledge of soils surrounding the pond, and an excellent relationship with the community. Her primary role will be the Town's main representative and manager for this assignment. She will coordinate meetings, assist the consultant with the collection of past information, and advocate for future grants for implementation of stormwater systems.

Monponsett Watershed Association (MWA). The Mission Statement of the MWA is "To educate the public and to restore and preserve the Monponsett Ponds consisting of the West Monponsett Pond and the East Monponsett Pond hereinafter referred to as Monponsett Ponds for clean water and safe recreational use." They will provide meeting forums where presentations on the importance of stormwater control and what individual landowner's can do to help improve the water quality of the ponds.

Town of Halifax Highway Department – Robert Badore, Highway Surveyor. The Town's Highway Department will provide field assistance in the form of opening/closing existing structures for mapping purposes, traffic control, and provide additional personnel to aid in the field verification of outfalls as needed.

GHD Inc. The Town's engineering consultant, GHD Inc., will develop the project deliverables as previously mentioned. They are a local firm based out of Hyannis, Massachusetts, that has extensive stormwater management experience and have previously worked with the Town of Halifax securing past grant opportunities. They will provide the needed engineers and field staff to locate, map, and prioritize outfalls to ensure maximum possibility of future grant funding of implementation. Detailed resumes of personnel can be provided upon request.

VII. TIMELINE. Our anticipated project schedule would be 12 months (or sooner) from the Notice to Proceed based on the following task breakdown. We would expect this to be completed well before the date of June 30, 2017.

SCOPE ITEM	DELIVERABLE
1. QAPP	Month 1
2. Review of Existing Information and Project Kick Off-Meeting	Month 2
3. Field Verification of Outfalls and Point Sources	Months 2-3 (weather permitting)
4. Point Source (Outfall) Mapping	Month 4
5. Delineation of Drainage Areas and Stormwater Calculations	Month 5
6. Prioritization Matrix	Month 9
7. Conceptual Designs	Month 6
8. Preliminary Designs (three outfalls)	Month 7
9. Cost Estimates	Month 8
10. Final / Quarterly Reports	Month 10-11 Final, Months 3, 6, 9, 12 for Quarterly
11. Public Outreach and Education	Month 12

VII. OTHER. This project is in accordance with the following plans and reports at a local, state, and federal level (all plans and reports available upon request) including:

1. *Habitat Management Plan for Phosphorus Inactivation in the Western Basin of Monponsett Pond*, developed by Lycott Environmental, May 2012.

2. *SUSTAINABLE WATER MANAGEMENT INITIATIVE REPORT Monponsett Pond and Silver Lake Water Use Operations and Improvement SWMI Project No. BRP 2012-06*, developed by Princeton Hydro, July 2013.

3. *Taunton River Watershed Climate Change Adaptation Plan*, prepared by the Manomet Center for Conservation Sciences, May 2013.

4. *Taunton River Watershed Management Plan Phase I - Data and Assessment Final Report*, prepared by the Horsley Witten Group, December 2008.

5. *Taunton River Stewardship Plan*, prepared by the Taunton Wild & Scenic River Study Committee, Southeast Regional Planning & Economic Development District and the National Park Service, July 2005.

Additional media and pond links can be found at:

BOSTON.COM

- http://www.boston.com/news/local/massachusetts/articles/2012/07/08/halifaxs_west_monponsett_pond_declared_off_limits_due_to_blooming_blue_green_algae/

- http://www.boston.com/news/local/massachusetts/articles/2012/07/15/meeting_on_monponsett_ponds_water_quality/

WICKED LOCAL / TOWN OF HALIFAX

- http://959watd.com/blog/2015/08/halifax-west-monponsett-pond-is-off-limits/

- http://www.enterprisenews.com/article/20150519/NEWS/150516468

- http://kingston.wickedlocal.com/article/20150727/NEWS/150728304

- Town of Halifax Board of Health letter of concern, dated December 2011.
  http://www.town.halifax.ma.us/Pages/HalifaxMA_Health/Algae.pdf

- Town of Halifax Board of Health Public Beaches Advisory.
  http://www.town.halifax.ma.us/Pages/HalifaxMA_Health/Beach

- Monponsett Watershed Information (including numerous downloads
  http://www.halifax.ma.us/pages/HalifaxMA_Health/Ponds

PROJECT BUDGET		
BUDGET CATEGORY *(Add/remove itemizing lines below major categories as necessary, but do NOT delete major categories)*	***MATCH***	***GRANT REQUEST***
A. PERSONNEL (list individual names and titles below) **TOTAL:**	**$19,050**	**$54,135**
Cathy Drinan, Halifax Health Agent ($30/hr and 166.4 hrs)	*$4,992*	$
Robert Badore, Halifax Highway Surveyor ($32/hr and 24 hrs)	*$768*	$
Highway Laborer ($22/hr and 72 hrs)	*$1,584*	$
Monponsett Watershed Volunteers ($8/hr and 39 hrs)	*$312*	$
Marc Drainville, PE, (GHD) Project Director ($195.73/hr and 38.5 hrs)	$	$7536
Russell Kleekamp, (GHD) Project Manager ($181.41/hr and 72 hrs)	$5,000	$8,062
Jessica Janney, (GHD) Project Engineer ($114.58/hr and 143 hrs)	$6,456	$9,929
James O' Brien, (GHD) Senior GIS Specialist ($118.80/hr and 236 hrs)	$	$27,977
B. FRINGE BENEFITS _____**% of** _____ (e.g., 10% of total personnel costs) **TOTAL:**	**$**	**$**
C. TRAVEL (estimate number/purpose of trips below) **TOTAL:**	**$**	**$850**
Expenses – Mileage from Hyannis to Halifax – approx. 1540 total miles	$	$850
D. EQUIPMENT (itemize below) **TOTAL:**	**$**	**$**
E. SUPPLIES (itemize below) **TOTAL:**	**$**	**$2,985**
Consumables – Reports, Maps, Prints, etc.	$	$2,985
F. CONTRACTS (identify & itemize below) **TOTAL:**	**$**	**$**
G. OTHER (identify & itemize below) **TOTAL:**	**$**	**$**
H. TOTAL DIRECT COSTS (SUM OF A-G)	**$19,112**	**$57,338**
I. INDIRECT COSTS _____**% of** _____ (e.g., 10% of total direct costs) **TOTAL:**	$	$
J. TOTAL PROJECT COST (SUM OF H+I)	**$19,112**	**$57,338**

APPENDIX C: TASK-BASED BUDGET FORMAT

Cost (Without Match)	Task #	Task Name	Expected Date of Completion
$3,263	1	QAPP	Month 1
$653	2	Project Research / Project Kick-Off Meeting	Month 2
$8,782	3	Field Verification of Outfalls and Point Sources	Months 2-3 (weather pending)
$5,417	4	Point Source (Outfall) Mapping	Month 4
$11,444	5	Delineation of Drainage Areas and Stormwater Calculations	Month 5
$7,146	6	Conceptual Designs (all outfalls)	Month 6
$9,658	7	Preliminary Designs (3 total)	Month 7
$2,276	8	Cost Estimates	Month 8
$134	9	Prioritization Matrix	Month 9
$3,788	10	Final / Quarterly Reports	Month 10-11
$4,778	11	Public Education and Presentations	Month 12
$57,338			

The total project cost for this assignment is $76,450. This is further broken down into a man-hour matrix in the Attached Table 1. The match amount provided in this application is $19,112. This is made up of the following sources:

- $5,000 cash contribution from the Massachusetts Division of Ecologic Restoration.
- $6,456 cash contribution from the Halifax Highway Department through Chapter 90 funds.
- $7,656 through in-kind labor provided by the Town of Halifax staff and Monponsett Watershed Association volunteers.

The remaining balance of $57,338 is being requested through this grant. This amount, plus the contributions from Halifax Highway and DER will total $68,794, which will fund the Town's consultants (GHD) to perform the above tasks 1 through 11 and develop project deliverables.

TABLE 1
Proposed Budget for
Town of Halifax, Massachusetts
Stormwater Outfall Assessment for the East and West Monponsett Ponds
February 8, 2016

Task	Project Director Marc Drainville PE, BCEE	Project Manager Russell Kleekamp	Project Engineer Jessica P. Janney	Senior GIS Specialist James O'Brien	Health Agent Cathy Drinan *(In-Kind Match)*	Highway Surveyor Robert Badore *(In-Kind Match)*	Highway Laborer *(In-Kind Match)*	MWA Volunteer *(In-Kind Match)*	Total Hours	GHD Cost	*In-Kind Labor Cost*	Total
HOURLY RATE	**$195.73**	**$181.41**	**$114.58**	**$118.80**	**$30.00**	**$32.00**	**$22.00**	**$8.00**				
01 QAPP	2	3	16	17					37.5	$5,000	*$0*	$5,000
02 Project Research / Project Kick-Off Meeting	4	4	5	0	4.4	4				$2,130	*$260*	$2,390
03 Field Verification of Outfalls and Point Sources	2	14	0	35	20	20	72		163	$7,695	*$2,824*	$10,519
04 Point Source (Outfall) Mapping	1	8	0	40	10				59	$6,854	*$300*	$7,154
05 Delineation of Drainage Areas and Stormwater Calc	8	8	31	50					97	$13,181	*$0*	$13,181
06 Conceptual Designs (all outfalls)	4	8	11	40	8				71	$8,644	*$240*	$8,884
07 Preliminary Designs (3 total)	8	10	20	40	16				94	$10,915	*$480*	$11,395
08 Cost Estimates	3.5	4	17	4					28.5	$4,013	*$0*	$4,013
09 Prioritization Matrix	2	2	2	2	20				28	$1,271	*$600*	$1,871
10 Final / Quarterly Reporting	2	3	20	8	38				71	$4,386	*$1,140*	$5,526
11 Public Education and Presentations	2	8	21	0	50			39	120	$4,704	*$1,812*	$6,516
TOTALS:	38.5	72	143	236	166.4	24	72	39	790.4	$68,794	*$7,656*	$76,450

QAPP – Stormwater Outfall Assessment for East and West Monponsett Ponds, Halifax MA

Revision 1

Revision date: 08.02.2016

GHD Inc.

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Document Status

Revision	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date
Draft A	AR	RHK				
Draft B	AR	RHK				

www.ghd.com

Attachment B
Kick-Off Meeting Minutes

Minutes

21 September 2016

Project	Stormwater Outfall Assessment for the East and West Monponsett Ponds	From	Craig Curtin
Subject	Kick-Off Meeting	Tel	774-470-1653
Venue/Date/Time	Halifax Highway Department, 9/21/16, 8:30 a.m.	Job No	11110997
Copies to	All Attendees and Non-Attendees		
Attendees	Cathy Drinan—Town of Halifax, BOH Robert Badore—Town of Halifax, Highway Surveyor Kim Roy—Town of Halifax, Board of Selectmen Russ Kleekamp—GHD Craig Curtin—GHD	Non-Attendees	Robert Brown—Town of Halifax

A. CONTACTS

1. Chief Ted Broderick – Halifax Police Chief – chief@police.halifax.ma.us
2. Melissa Traynor – Highway Administrative Assistant – mtraynor@town.halifax.ma.us
3. Bob Badore – Halifax Highway Surveyor – rbadore@town.halifax.ma.us
4. Stephen Gillett – Plymouth County Mosquito Control Project – (781) 585-5450

B. INTRODUCTIONS

1. Mr. Kleekamp and Mr. Curtin were introduced to Ms. Drinan, Ms. Roy and Mr. Badore. Mr. Kleekamp was introduced as the Project Manager and Mr. Curtin as the engineer who will be conducting the field work for the project.

C. REVIEW OF PROJECT SCOPE

1. Mr. Kleekamp stated that the project will include reviewing known information and locations of the current stormwater structures that are located in the watershed of the Monponsett Ponds.
2. Review of Catch Basin Mapping
    a. Mr. Kleekamp described that the catch basins would be all opened, inspected, and documented. The mapping will allow GHD to provide the Town of Halifax with a file that will contain the locations of the catch basins, outfalls, and culverts within the watershed of the Monponsett Ponds.
    b. Mr. Curtin will make sure the confirmed outfalls are accounted for and will confirm the locations of the unconfirmed outfalls.

GHD Inc. 1545 Iyannough Road Hyannis MA 02601 USA
T 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

3. Discussion on Known/Unknown Outfalls

    a. Ms. Drinan was able to provide the following outfall locations that are in addition to what was found on the provided map:

        i. On the south-eastern side of the East Monponsett Pond there is a pipe most likely connected to an irrigation pond, on the farm off of Plymouth Street.

        ii. On a Mr. Greggory's property, there is a possible second outfall near the outfall shown on the map. May need to conduct a dye test to see which outfall the catch basins are discharging towards. Mr. Curtin to follow up with Ms. Drinan to schedule a time to visit Mr. Greggory's property.

        iii. On the south-eastern side of East Monponsett Pond there is a pipe for the aqueduct that carries the water from the pond to Silver Lake.

    b. Ms. Drinan provided the top three locations that have been problematic for the Town of Halifax:

        i. Halifax Beach Association where there is an outfall. This is on private property.

        ii. 4th Avenue, there is a dirt road which is used as a boat ramp. This location experiences visible erosion and has an area where water gathers. This is on public land.

            - The water appears to travel through some old stone trench and into this area. The area could be a good option for a gravel wetland.

        iii. Between 17 and 19 Lake Street there are visible catch basins and outfall in this location.

4. Procedures for Field Verification of Catch Basins and Outfalls

    a. Safety Concerns

        i. Steel-toed boots are recommended when removing the catch basins.

        ii. Police detail may be useful when working on Route 58 as there are sharp turns and it is a busy road.

    b. Opening of Structures

        i. Mr. Curtin will coordinate with Mr. Badore on working with a highway department employee for transportation between catch basins and to help with opening the catch basins. Mr. Badore stated that they work from 7:00 a.m. to 3:00 p.m.

    c. Data Collection

        i. While in the field Mr. Curtin will collect data on the catch basins, including the catch basin's size, number of inverts, direction of inverts, condition of structure, and any other notable information regarding the catch basins.

        ii. Weather permitting, Mr. Curtin will perform dry-weather monitoring at the outfalls to see if there is any flow at the outfalls during a time when there has been no rainfall for 24 hours. If there is flow

observed at the outfall, an investigation will have to be conducted to see if there is any illicit discharges into the stormwater piping system.

iii. Mr. Curtin should contact Ms. Traynor, the Highway Department's administrative assistant, two days in advance of planned work so that Mr. Badore can schedule an employee to help with the field work.

d. Police Details

i. Mr. Curtin will contact Ms. Drinan when field work will be conducted along Route 58 so it can be determined if a police officer will be able to direct traffic while the field work is conducted in the road.

ii. Field work along Route 58 will be planned to be conducted last.

e. Incorporation into GIS

i. GHD will coordinate with the Old Colony Planning Council to see if they have any additional information on the stormwater systems.

5. Outfall Mapping

a. The final map will show the locations of the stormwater structures and will include the size, number of inverts, direction of inverts, condition of structure, and a picture of each structure.

6. Delineation of Drainage Area and Calculations

a. Mr. Curtin will work with Mr. O'Brien, the designer in GHD's office, to find the drainage areas for the outfalls discharging to the Monponsett Ponds. Mr. Curtin will verify these drainage areas in the field.

7. Prioritization

a. Mr. Kleekamp described how the stormwater structures will be prioritized in order to decide on the best options for treatment systems. The systems will be prioritized by their: contribution area, sampling results, public safety concerns, history of complaints, cost, and the land available in those areas. Mr. Kleekamp stated that it is easiest to implement treatment systems on public land, instead of applying for easements of private land.

b. Ms. Drinan stated that the outfalls that discharge into West Monponsett Pond should be prioritized because that is the pond that experiences the most problems.

8. Conceptual Designs

a. Mr. Kleekamp discussed that three conceptual designs will be produced. The designs will show the proposed work to be done, the cost estimates, available funding through grants, and the designed nutrient removal.

b. Mr. Kleekamp stated that surface treatment is better than leaching systems as the surface treatment is better at removing nitrogen and phosphorus, which are the leading problems in the Monponsett Ponds.

D. NEW BUSINESS

1. Mr. Curtin to contact a representative from the Plymouth County Mosquito Control Project and see if they have any information on the stormwater systems.
2. Field work will most likely begin during the first week in October. Mr. Curtin will be in contact with the Highway Department to coordinate when he will be in Halifax.
3. Mr. Curtin will contact Ms. Drinan so she can provide assistance with locating the structures that are not on the map produced by the Old Colony Planning Council.

Attachment C
Outfalls in Project Area

*N/A - Conceptual Design not created since drainage area does not discharge to or towards pond
**Precipitation Data From the National Weather Service Forecast Office

Outfall	Location Description	Found?	Discharges to Pond?	Discharge on Town Land?	Outfall Pipe Size		Cost Estimates*			Total Area		
					Inner Diameter (in.)	Outer Diameter (in.)	Catch Basin Insert Only	Insert and Deep-Sump	Per Designs	(ft^2)	acre	(mi^2)
OE 01	Monponsett Street Across from Monponsett Inn	No	YES East	No			$ 15,000	$ 125,000	$ 235,000	141,700	3.25	0.0051
OE 02	Wamsutta Ave	Yes	YES East	No	12	16	$ 2,000	$ 20,000	$ 2,000	79,700	1.83	0.0029
OE 03	Lake Street	Yes	YES East	No	12		$ 1,000	$ 10,000	$ 1,000	68,300	1.57	0.0024
OE 04	End of Lake Street	Yes	YES East	No	12	14.5	$ 2,000	$ 20,000	$ 85,000	128,500	2.95	0.0046
OE 05	Corner of Standish Street and Wamsutta Avenue	NO	NO	No			N/A	N/A	N/A	35,600	0.82	0.0013
OE 06	Holmes Street	YES	NO	Yes	12	16	$ 10,000	$ 95,000	$ 85,000	180,900	4.15	0.0065
OE 07	Ridge Road	YES	NO	No	12	14	$ 3,000	$ 30,000	$ 100,000	78,800	1.81	0.0028
OE 08	Baker Street	YES	YES East	No	12		$ 2,000	$ 20,000	$ 110,000	27,800	0.64	0.0010
OE 09	Corner of Baker Court and Cedar Lane	YES	YES East	Yes	12	16	$ 3,000	$ 30,000	$ 95,000	82,700	1.90	0.0030
OE 10	Lantern Avenue	YES	YES East	No	12		$ 3,000	$ 30,000	$ 105,000	150,500	3.45	0.0054
OE 11	Heron Road	YES	NO	No	14	18	$ 2,000	$ 20,000	$ 2,000	68,000	1.56	0.0024
OE 12	Heron Road	YES	NO	No	14	18	$ 3,000	$ 30,000	$ 3,000	21,400	0.49	0.0008
OE 13	Culvert at Beach on Chestnut Road	YES	YES East	Yes	36		N/A	N/A	N/A	-	-	-
OE 14	Chestnut Road	YES	NO	No	12		$ 20,000	$ 200,000	$ 145,000	650,700	14.94	0.0233
OE 15	Buttonwood Road	YES	NO	No	12		N/A	N/A	N/A	501,000	11.50	0.0180
OE 16	Holmes Street	NO	NO	Yes			N/A	N/A	N/A	1,328,400	30.50	0.0476
OE 17	Heron Road	YES	YES East	No	8		See OE-12	See OE-12	See OE-12	21,400	0.49	0.0008
OE 18	Monponsett Street	NO	YES East	No			See OW-01	See OW-01	See OW-01	5,500	0.13	0.0002
OE 19	Ridge Road	NO	NO	No			$ 5,000	$ 40,000	$ 70,000	58,000	1.33	0.0021
OE 20	South Holmes Street	NO	NO	No			N/A	N/A	N/A	197,500	4.53	0.0071
OE-21	Ridge Road	NO	NO	NO			$ 3,000	$ 30,000	$ 3,000	88,600	2.03	0.0032
OW 01	Monponsett Street	YES	YES West	No	12		$ 2,000	$ 20,000	$ 95,000	12,300	0.28	0.0004
OW 02	Monponsett Street	YES	YES West	No	12		$ 5,000	$ 55,000	$ 120,000	126,800	2.91	0.0045
OW 03	Monponsett Street	YES	YES West	No	12		See OW-02	See OW-02	See OW-02	126,800	2.91	0.0045
OW 04	Monponsett Street	YES	YES West	No	12		$ 2,000	$ 20,000	$ 90,000	72,900	1.67	0.0026
OW 05	Monponsett Street	YES	YES West	No	12	16	$ 3,000	$ 30,000	$ 90,000	36,900	0.85	0.0013
OW 06	Monponsett Street	YES	YES West	No	12	16	$ 3,000	$ 30,000	$ 130,000	89,100	2.05	0.0032
OW 07	Monponsett Street Boat Launch Parking Lot	YES	YES West	No	12	14	$ 1,000	$ 10,000	$ 40,000	12,251	0.28	0.0004
OW 08	Ocean Avenue	YES	YES West	No	12		$ 2,000	$ 20,000	$ 105,000	64,700	1.49	0.0023
OW 09	Richview Avenue at Halifax Beach Association	NO	YES West	Yes			Preliminary	Preliminary	$ 70,000	252,000	5.79	0.0090
OW 10	End of Richview Avenue	YES	YES West	No	12		$ 2,000	$ 20,000	$ 85,000	26,800	0.62	0.0010
OW 11	13th Avenue	NO	NO	Yes			N/A	N/A	N/A	200,000	4.59	0.0072
OW 12	12th Avenue	NO	NO	No			N/A	N/A	N/A	92,800	2.13	0.0033
OW 13	Cross Street	NO	NO	No			N/A	N/A	N/A	73,400	1.69	0.0026
OW 14	11th Avenue	YES	NO	No	24		N/A	N/A	N/A	111,500	2.56	0.0040
OW 15	Pemmican Way	YES	NO	No	18		N/A	N/A	N/A	49,700	1.14	0.0018
OW 16	Monponsett Culvert/Drainage	YES	YES West	Yes	48		Preliminary	Preliminary	$ 110,000	149,100	3.42	0.0053
OW 17	Third Avenue	NO	NO	No			N/A	N/A	N/A	7,000	0.16	0.0003
OW 18	Monponsett Street and Lingan Street	Leaching	YES West	No			$ 10,000	$ 95,000	$ 140,000	86,500	1.99	0.0031
OW 19	Hanson Outfall on Ocean Ave	YES	YES West	No			Preliminary	Preliminary	$ 70,000	504,000	11.57	0.0181

										330 XLHD		902HD	
										12" Stone Foundation Depth		MIN INSTALLED STORAGE	
										86.03 CF / Unit		100 CF / UNIT	
Outfall	Surface Area Impervious			Surface Area Pervious			Runoff Volume (ft^3)			Number of Cultec Chambers Needed		Number of Cultec Chambers Needed	
	(ft^2)	(acre)	(mi^2)	(ft^2)	(acre)	(mi^2)	0.5"	1"	1.25"	To Hold 0.5" Runoff	To Hold 1" Runoff	To Hold 0.5" Runoff	To Hold 1" Runoff
OE 01	106,700	2.45	0.0038	35,000	0.80	0.0013	4,446	8,892	11,115	51.68	103.36	44.46	88.92
OE 02	26,200	0.60	0.0009	53,500	1.23	0.0019	1,092	2,183	2,729	12.69	25.38	10.92	21.83
OE 03	32,800	0.75	0.0012	35,500	0.81	0.0013	1,367	2,733	3,417	15.89	31.77	13.67	27.33
OE 04	61,700	1.42	0.0022	66,800	1.53	0.0024	2,571	5,142	6,427	29.88	59.77	25.71	51.42
OE 05	15,800	0.36	0.0006	19,800	0.45	0.0007	658	1,317	1,646	7.65	15.30	6.58	13.17
OE 06	60,900	1.40	0.0022	120,000	2.75	0.0043	2,538	5,075	6,344	29.50	58.99	25.38	50.75
OE 07	28,100	0.65	0.0010	50,700	1.16	0.0018	1,171	2,342	2,927	13.61	27.22	11.71	23.42
OE 08	25,100	0.58	0.0009	2,700	0.06	0.0001	1,046	2,092	2,615	12.16	24.31	10.46	20.92
OE 09	17,100	0.39	0.0006	65,600	1.51	0.0024	713	1,425	1,781	8.28	16.56	7.13	14.25
OE 10	35,600	0.82	0.0013	114,900	2.64	0.0041	1,483	2,967	3,708	17.24	34.48	14.83	29.67
OE 11	19,200	0.44	0.0007	48,800	1.12	0.0018	800	1,600	2,000	9.30	18.60	8.00	16.00
OE 12	21,400	0.49	0.0008	-	-	-	892	1,783	2,229	10.36	20.73	8.92	17.83
OE 13		-	-		-	-	-	-	-	-	-	-	-
OE 14	229,700	5.27	0.0082	421,000	9.66	0.0151	9,571	19,142	23,927	111.25	222.50	95.71	191.42
OE 15	136,000	3.12	0.0049	365,000	8.38	0.0131	5,667	11,333	14,167	65.87	131.74	56.67	113.33
OE 16	425,000	9.76	0.0152	903,400	20.74	0.0324	17,708	35,417	44,271	205.84	411.68	177.08	354.17
OE 17	21,400	0.49	0.0008	-	-	-	892	1,783	2,229	10.36	20.73	8.92	17.83
OE 18	5,500	0.13	0.0002	-	-	-	229	458	573	2.66	5.33	2.29	4.58
OE 19	37,600	0.86	0.0013	20,400	0.47	0.0007	1,567	3,133	3,917	18.21	36.42	15.67	31.33
OE 20	110,400	2.53	0.0040	87,100	2.00	0.0031	4,600	9,200	11,500	53.47	106.94	46.00	92.00
OE-21	30,400	0.70	0.0011	58,200	1.34	0.0021	1,267	2,533	3,167	14.72	29.45	12.67	25.33
OW 01	10,700	0.25	0.0004	1,600	0.04	0.0001	446	892	1,115	5.18	10.36	4.46	8.92
OW 02	60,400	1.39	0.0022	66,400	1.52	0.0024	2,517	5,033	6,292	29.25	58.51	25.17	50.33
OW 03	60,400	1.39	0.0022	66,400	1.52	0.0024	2,517	5,033	6,292	29.25	58.51	25.17	50.33
OW 04	32,800	0.75	0.0012	40,100	0.92	0.0014	1,367	2,733	3,417	15.89	31.77	13.67	27.33
OW 05	20,600	0.47	0.0007	16,300	0.37	0.0006	858	1,717	2,146	9.98	19.95	8.58	17.17
OW 06	57,900	1.33	0.0021	31,200	0.72	0.0011	2,413	4,825	6,031	28.04	56.09	24.13	48.25
OW 07	12,251	0.28	0.0004	0	-	-	510	1,021	1,276	5.93	11.87	5.10	10.21
OW 08	31,600	0.73	0.0011	33,100	0.76	0.0012	1,317	2,633	3,292	15.30	30.61	13.17	26.33
OW 09	46,000	1.06	0.0017	206,000	4.73	0.0074	1,917	3,833	4,792	22.28	44.56	19.17	38.33
OW 10	18,700	0.43	0.0007	8,100	0.19	0.0003	779	1,558	1,948	9.06	18.11	7.79	15.58
OW 11	60,000	1.38	0.0022	140,000	3.21	0.0050	2,500	5,000	6,250	29.06	58.12	25.00	50.00
OW 12	51,000	1.17	0.0018	41,800	0.96	0.0015	2,125	4,250	5,313	24.70	49.40	21.25	42.50
OW 13	28,200	0.65	0.0010	45,200	1.04	0.0016	1,175	2,350	2,938	13.66	27.32	11.75	23.50
OW 14	52,100	1.20	0.0019	59,400	1.36	0.0021	2,171	4,342	5,427	25.23	50.47	21.71	43.42
OW 15	24,000	0.55	0.0009	25,700	0.59	0.0009	1,000	2,000	2,500	11.62	23.25	10.00	20.00
OW 16	113,800	2.61	0.0041	35,300	0.81	0.0013	4,742	9,483	11,854	55.12	110.23	47.42	94.83
OW 17	7,000	0.16	0.0003	0	-	-	292	583	729	3.39	6.78	2.92	5.83
OW 18	56,200	1.29	0.0020	30,300	0.70	0.0011	2,342	4,683	5,854	27.22	54.44	23.42	46.83
OW 19	70,000	1.61	0.0025	434,000	9.96	0.0156	2,917	5,833	7,292	33.90	67.81	29.17	58.33

Outfall	Date Inspected	Last Rainfall Event	**Precipitation During Last Rainfall Event	Flow	Condition	Odor	Optical Enhnacers	Channelization	Scouring	Comments
OE 01										
OE 02	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	
OE 03	10/17/2016	10/10/2016	2.00	DRY	Rusting	NO	NO	YES	NO	Water was found below pipe and inside pipe, but there was no flow observed.
OE 04	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	Orange staining in channel
OE 05										
OE 06	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	Concrete piece at end to disperse flow
OE 07	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	
OE 08	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	
OE 09	10/17/2016	10/10/2016	2.00	DRY	Fair	NO	NO	YES	NO	Only 1/3 of Pipe is visible
OE 10	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	Large rocks inside pipe at end. Concrete piece at end to disperce flow
OE 11	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	Concrete piece at end to disperse flow
OE 12	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	Concrete piece at end to disperse flow
OE 13	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	Culvert - orange staining, algae, and foam found in chanel from outfall.
OE 14	10/17/2016	10/10/2016	2.00	DRY	Fair	NO	NO	NO	NO	No bottom of pipe at discharge point.
OE 15	10/17/2016	10/10/2016	2.00	DRY	Fair	NO	NO	YES	YES	
OE 16										
OE 17	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	
OE 18										
OE 19										
OE 20										
OE-21										
OW 01	10/17/2016	10/10/2016	2.00	DRY	Poor	NO	NO	NO	NO	No bottom of pipe at discharge point and end is collapsing.
OW 02	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	NO	
OW 03	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	YES	
OW 04	10/17/2016	10/10/2016	2.00	Trickling	Fair	NO	YES	YES	NO	Water line bleeder in catch basin
OW 05	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	
OW 06	10/17/2016	10/10/2016	2.00	DRY	Fair	NO	NO	NO	NO	Pipe filled 1/2 way with sediment
OW 07	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	
OW 08	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	
OW 09										
OW 10	11/3/2016	10/31/2016	0.27	DRY	Good	NO	NO	NO	NO	Outfall is half buried in leaves and sediment
OW 11										
OW 12										
OW 13										
OW 14	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	Culvert - possible that manhole discharges into the culvert
OW 15	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	NO	YES	Discharge at bog from manhole on Pemmican Way
OW 16	10/17/2016	10/10/2016	2.00	DRY	Good	NO	NO	YES	NO	Owner has to shovel out sediment. The drainage system is connected to the culvert.
OW 17										
OW 18										Leaching basin with several chambers
OW 19	12/20/2016	12/18/2016	0.47	DRY	Good	NO	NO	YES	NO	Large channel created from runoff

Attachment D
Dry-Weather Outfall Inspection Forms

Outfall ID: OE 1 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Monponsett Street

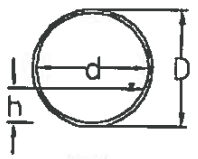
Last Rainfall Event: 10/16/16 2.00 in.

Receiving Water: East Lake

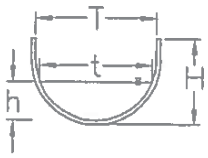
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

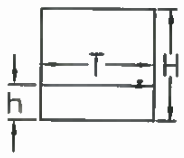
Shape of Pipe/Swale (check one)



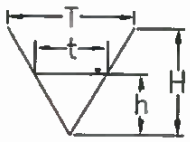
☐ **Rounded Pipe/Swale**



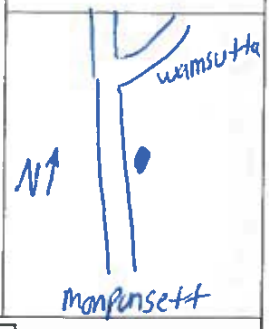
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

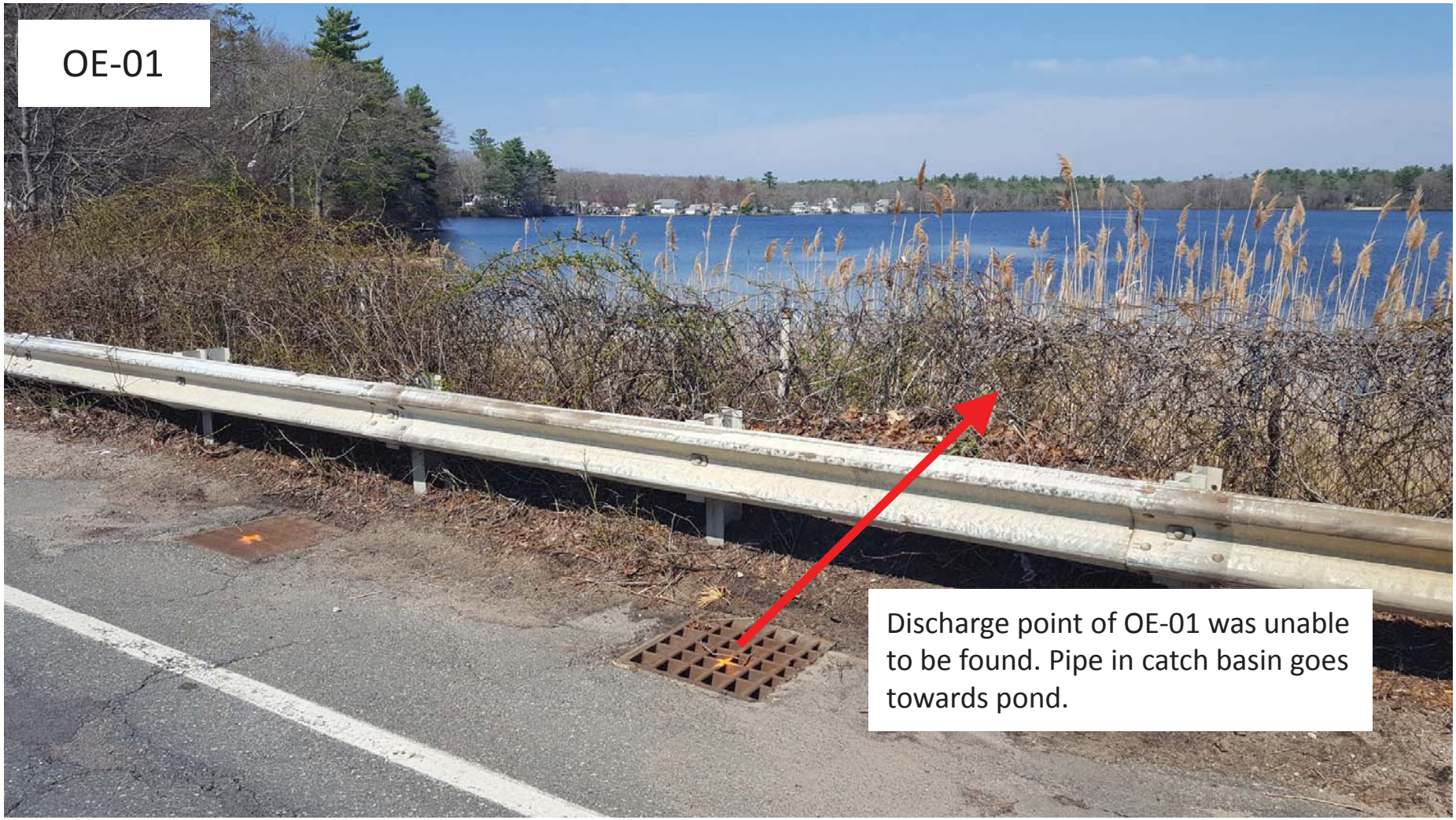
Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Comments: Could not access - fence and vegetation

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION


OE-01
Discharge point of OE-01 was unable to be found. Pipe in catch basin goes towards pond.

Outfall ID: OE2 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Wamsutta Avenue

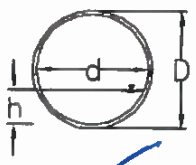
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

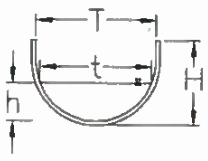
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

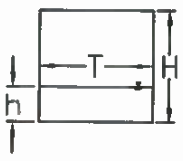
Shape of Pipe/Swale (check one)



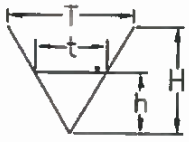
☑ **Rounded Pipe/Swale**



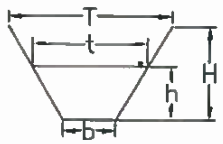
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 16"	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments:

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-02
OE-02 Pipe location

Outfall ID: ~~OE2~~ OE3 Town: Halifax

Inspector: C. Curtin Date: 10-17-16

Street Name: Wamsutta Avenue

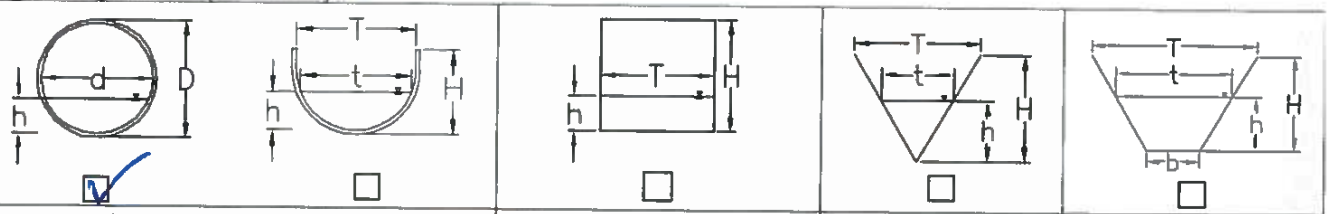
Last Rainfall Event: 10/10/16 2.00 in

Receiving Water: East Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: metal ☑	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☑ Crumbling ☐ rusting	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



Rounded Pipe/Swale ☑	Rectangular Pipe/Swale ☐	Triangular Swale ☐	Trapezoidal Swale ☐

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	Lake street N #A
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐ See comment

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☑	No ☐	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments: water found below and inside pipe but not flowing

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-03

Outfall ID: OE4 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Lake Street

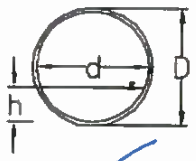
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

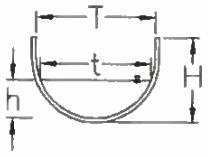
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic end. ☑ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

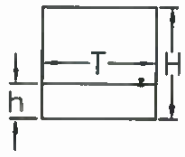
Shape of Pipe/Swale (check one)



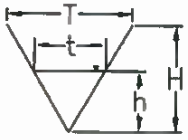
☑ **Rounded Pipe/Swale**



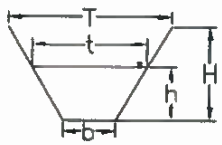
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 14.5"	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap (small section)	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments:

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-04

Outfall ID: OE5 **Town:** Halifax, Ma.

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Standish Street

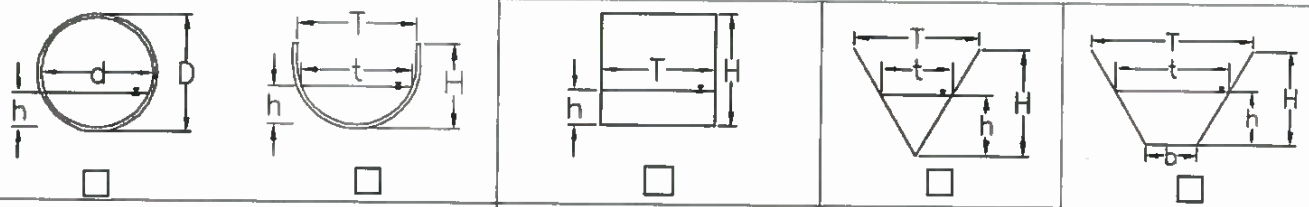
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: wetland North of Lakes

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



Rounded Pipe/Swale ☐ ☐	Rectangular Pipe/Swale ☐	Triangular Swale ☐	Trapezoidal Swale ☐

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

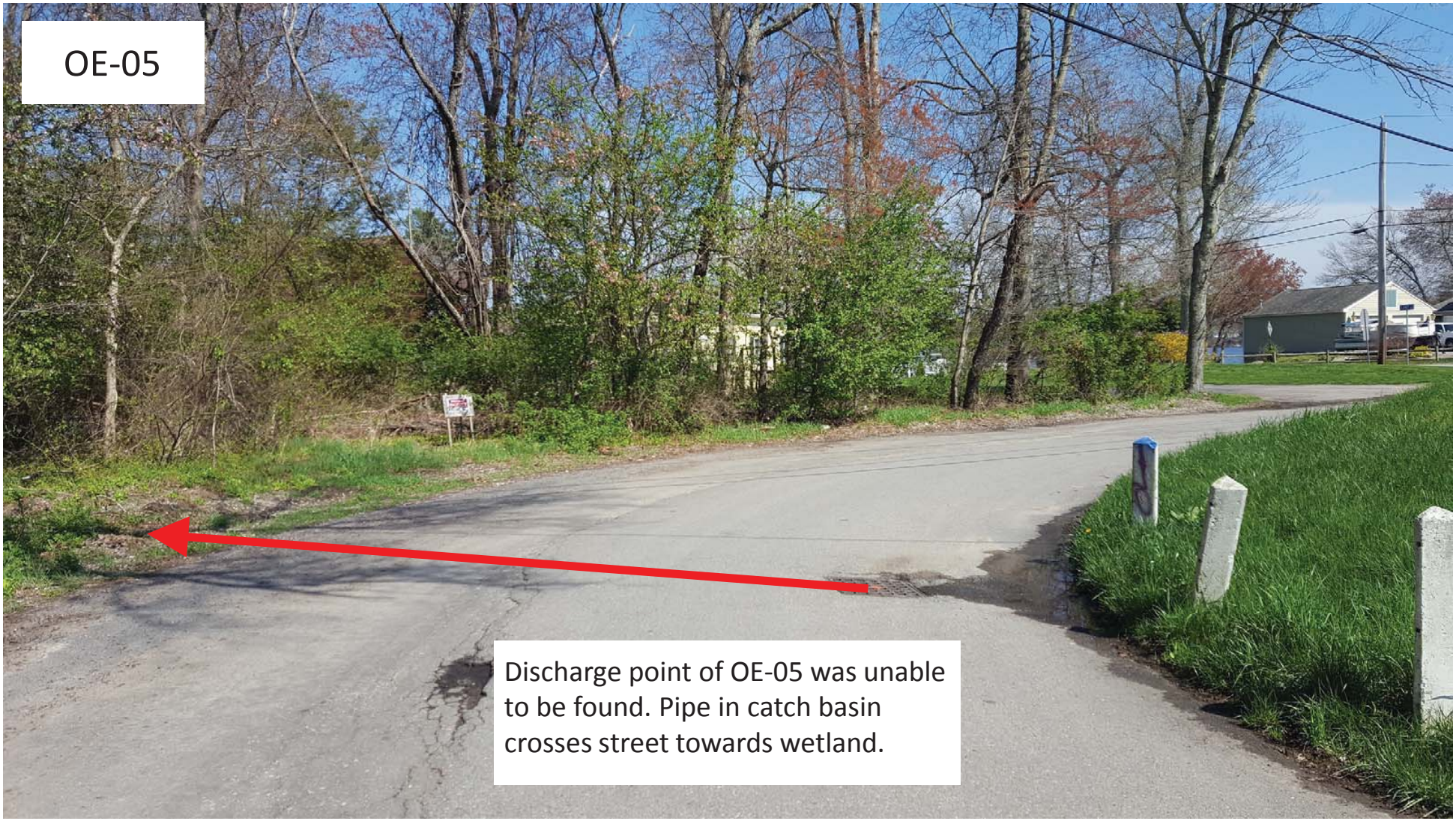
Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Unable to find outfall pipe

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

from CB-085


OE-05
Discharge point of OE-05 was unable to be found. Pipe in catch basin crosses street towards wetland.

Outfall ID: OE6 **Town:** Halifax, Ma.

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Holmes Street

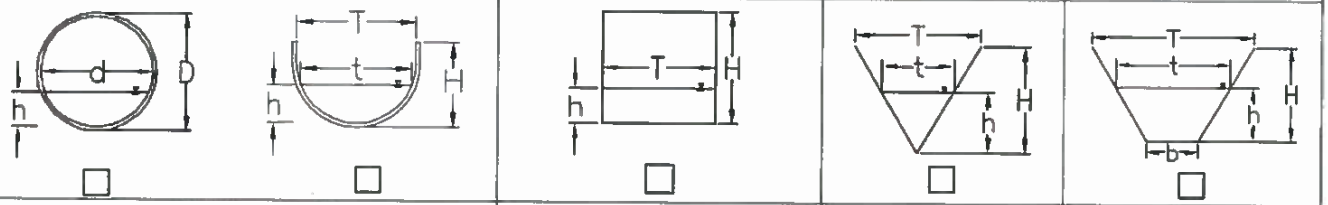
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East of East Pond

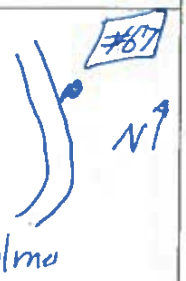
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 12	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 16	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☐	No ☑
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Opening at end of pipe

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-06

Outfall ID: OE 7 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Ridge Road

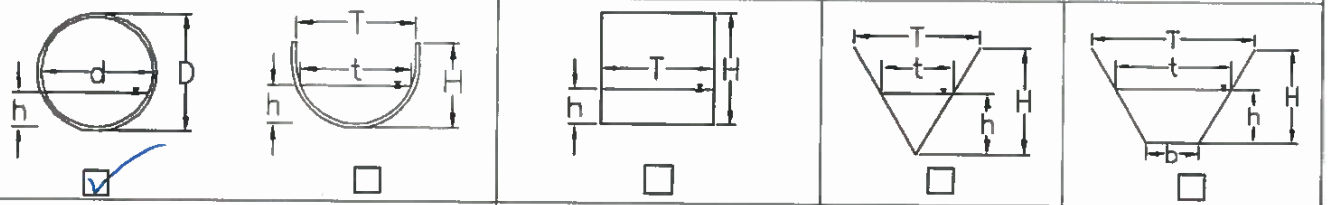
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 12	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 14	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments:

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-07

Outfall ID: OE8 **Town:** Halifax

Inspector: C Curtin **Date:** 10-17-16

Street Name: Baker Street

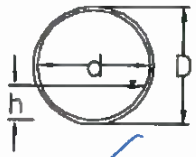
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

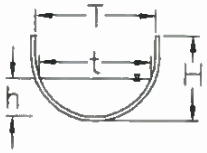
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

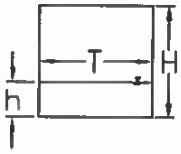
Shape of Pipe/Swale (check one)



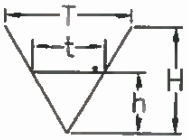
☑ **Rounded Pipe/Swale**



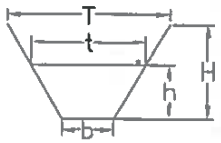
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☑ No ☐	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☑ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap (small rocks)	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance: Tree Work ☐ Remove Trash/Debris ☐ Ditch Work ☐ Blocked Pipe ☐ Structural Corrosion ☐ Erosion at Structure ☐ N/A ☐ Other ☐

Comments:

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-08

Outfall ID: OE9 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Cedar Lane

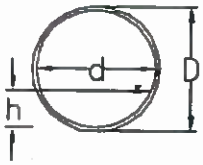
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

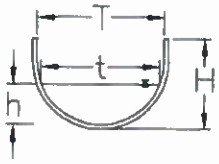
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☑ Crumbling ☐ Full of sediment	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

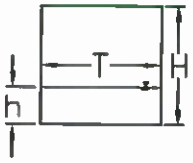
Shape of Pipe/Swale (check one)



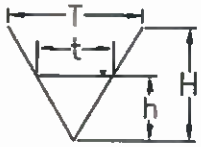
☐ Rounded Pipe/Swale



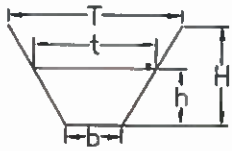
☐ Rounded Pipe/Swale



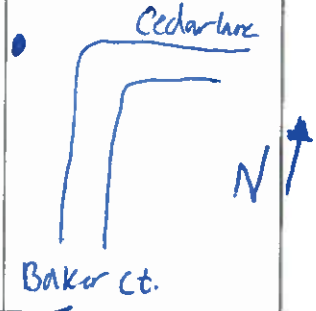
☐ Rectangular Pipe/Swale



☐ Triangular Swale



☐ Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 16"	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

				Circle All Materials Present:	
Odor:	Yes ☐	No ☑		Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑		Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☑	No ☐	slight	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑		Sanitary Waste	Algae
				Orange Staining	Excessive Vegetation

Required Maintenance: Tree Work; Ditch Work; Structural Corrosion; N/A; Remove Trash/Debris; Blocked Pipe; Erosion at Structure; Other

Comments: pipe is 2/3 full of sediment only small amount of pipe showing

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

Arrow points to the top of the outfall pipe.
OE-09

Outfall ID: OE10 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Lantern Lane

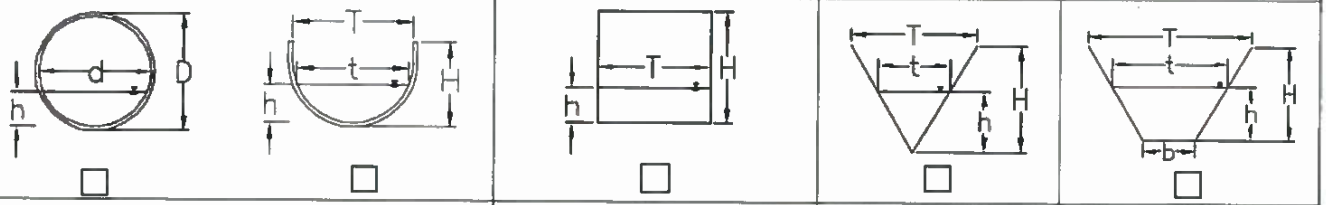
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale ☐

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	NT Lantern
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

~~Rip rap~~	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: rocks inside pipe ; Flange at end

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-10

Outfall ID: OF11 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Heron Road

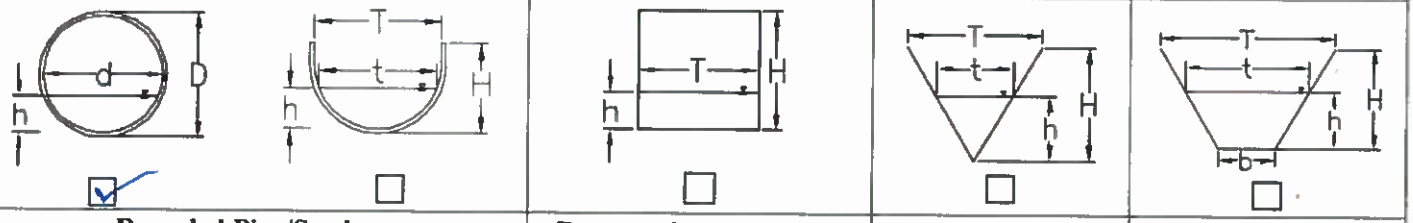
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: Wetland to right of Heron Road

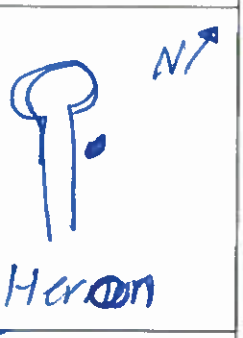
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale	☐ Rectangular Pipe/Swale	☐ Triangular Swale	☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 14	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= ~~20~~ 18	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Comments: Concrete flange at end

(Wetland)

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-11

Outfall ID: OE1A **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Heron Road

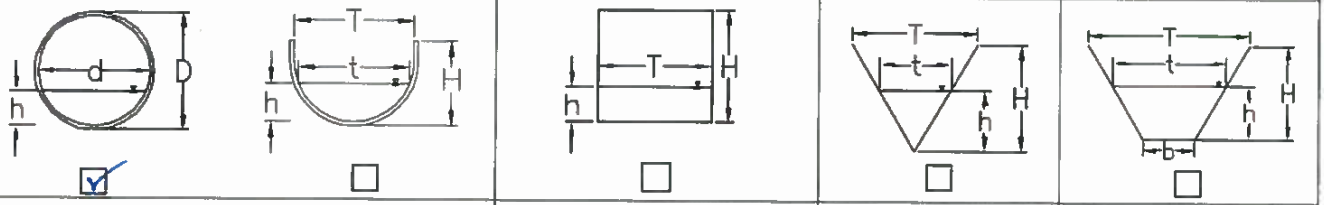
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: Wetland on right side of street

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ | ☐ Rectangular Pipe/Swale ☐ | ☐ Triangular Swale ☐ | ☐ Trapezoidal Swale ☐

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 14	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 18	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☐	No ☑
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:

	Tree Work	Remove Trash/Debris
	Ditch Work	Blocked Pipe
	Structural Corrosion	Erosion at Structure
Concrete	N/A	Other

Comments: flange at end of pipe

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

(wetland)

OE-12

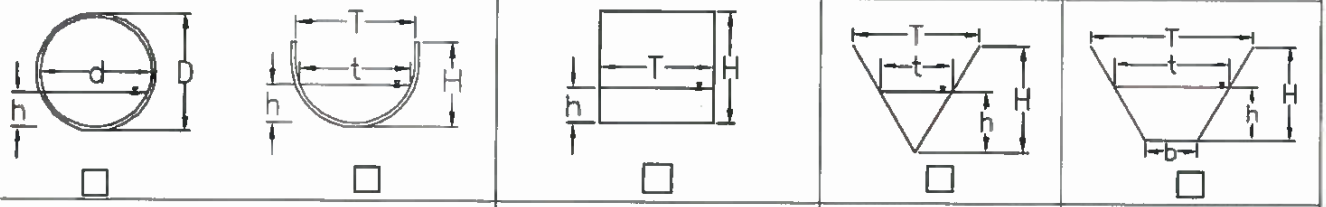
Outfall ID: OE13 **Town:** Halifax
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Annawon Drive
Last Rainfall Event: 10/10/16 2.00 in
Receiving Water: East Lake

* Culvert

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 36"	Swale Width (in): T= _____	Yes ☑ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑ Standing water

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

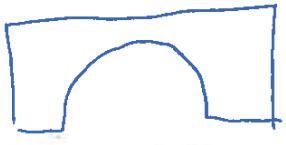
Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments:

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION



OE-13

Outfall ID: OE14 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Annawon

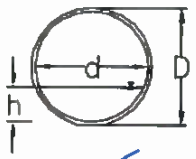
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: East Lake

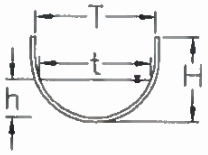
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☑ Crumbling ☐ Bottom of end pipe broken off	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

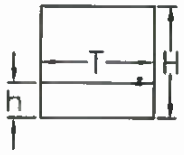
Shape of Pipe/Swale (check one)



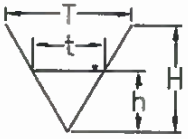
☑ Rounded Pipe/Swale



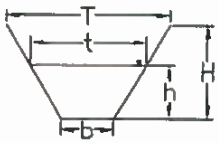
☐ Rounded Pipe/Swale



☐ Rectangular Pipe/Swale



☐ Triangular Swale



☐ Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 12"	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments: ~~OE14~~ discharges to wetland between Jordan + Birch

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-14

Outfall ID: OF15 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Buttonwood Road

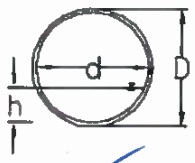
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: Wetland off of Buttonwood

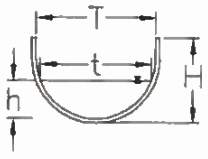
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☑ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

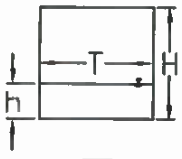
Shape of Pipe/Swale (check one)



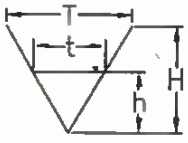
☑ **Rounded Pipe/Swale**



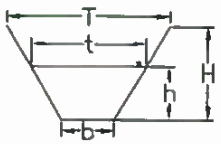
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	N #31 Buttonwood
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☑	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Difficult to access

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-15

Outfall ID: OE16 **Town:** Halifax, Ma.

Inspector: C Curtin **Date:** 11-17-16

Street Name: Holmes Between Annawon and Marione

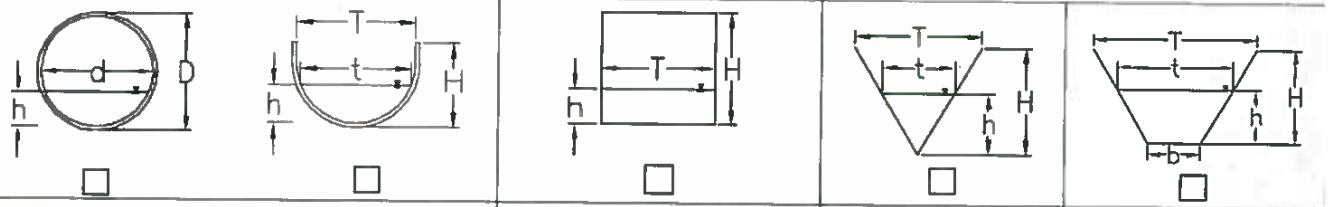
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: Wetland East of East Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐
Pipe Height (in): H= _____	Flow Height (in): h= _____	
Flow Width (in): h= _____	Bottom Width (in): b= _____	

Location Sketch

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Can't find pipe, lots of grass dumping could be covering it up

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

Discharge point of OE-16 was unable to be found. Pipe could be buried under disposed soils.
OE-16

(not on map)

Outfall ID: OE17 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Herman St Road

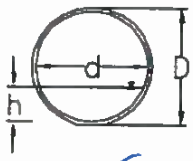
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: wetland to west of Herman Road

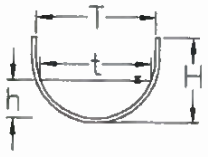
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: PVC ☑	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

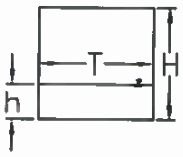
Shape of Pipe/Swale (check one)



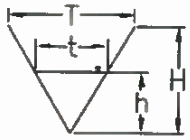
☑ **Rounded Pipe/Swale**



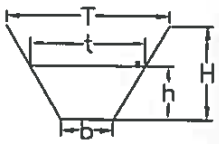
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 8"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments:

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

Arrow leads to top of discharge pipe.
OE-17

Outfall ID: OE18 **Town:** Halifax, Ma

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Monponsett Street

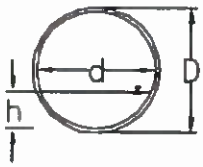
Last Rainfall Event: 10-10-16 2.00 in.

Receiving Water: East Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



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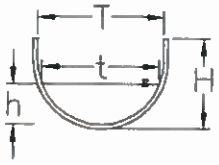
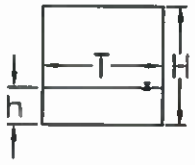


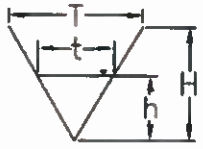
☐

Rounded Pipe/Swale



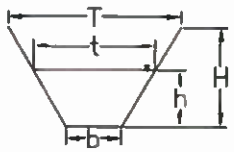
☐

Rectangular Pipe/Swale



☐

Triangular Swale



☐

Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Circle All Materials Present:

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Rip rap	Sheen: Bacterial	**Required Maintenance:**	Tree Work	Remove Trash/Debris
Excessive sediment	Sheen: Petroleum		Ditch Work	Blocked Pipe
Foam	Floatables		Structural Corrosion	Erosion at Structure
Sanitary Waste	Algae		N/A	Other
Orange Staining	Excessive Vegetation			

Comments: Could not locate pipe

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-18
Discharge point of OE-18 was unable to be found. Pipe in catch basin goes towards pond.

Outfall ID: OF-19 **Town:** Halifax, MA

Inspector: C. Curtin **Date:** 10-17-16

Street Name: ~~68~~ Ridge Road

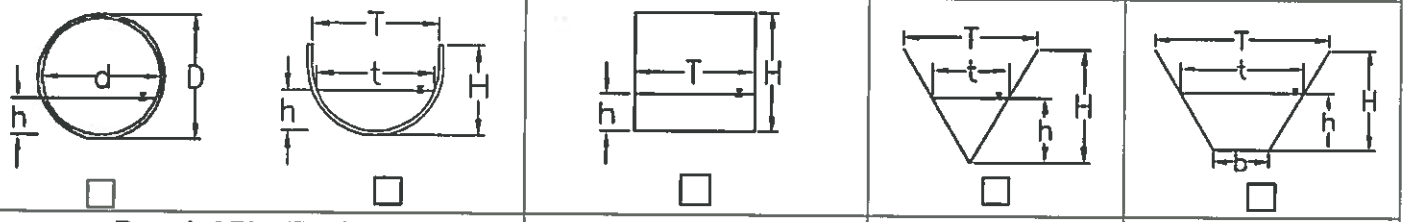
Last Rainfall Event: 10-10-16 2.00 in.

Receiving Water: East Pond

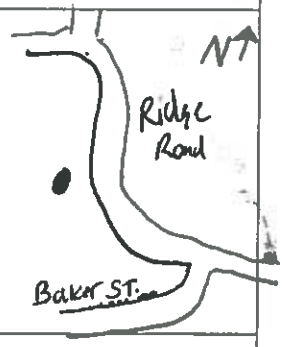
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale ☐

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments: Could not find pipe

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OE-19
Discharge point of OE-19 was unable to be found. Pipe in catch basin goes towards wetland where it flows above ground to system on Baker Street

Outfall ID: OE-20 **Town:** Halifax, MA

Inspector: C.Curtin **Date:** 10-17-16

Street Name: Holmes Street

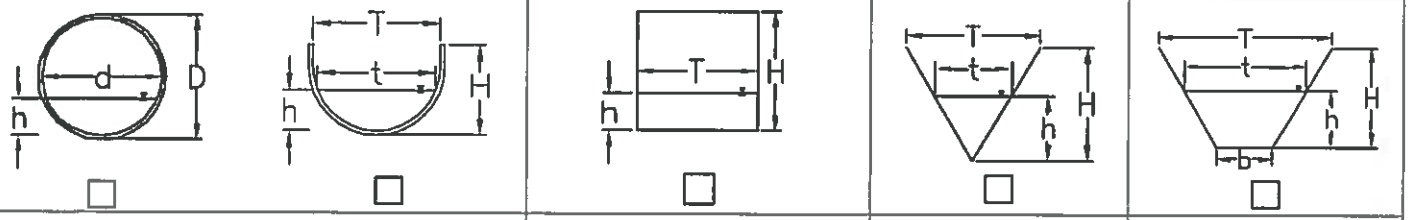
Last Rainfall Event: 10-10-16 2.00 in.

Receiving Water: East Pond

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:

Inner Dia. (in): d= _____

Outer Dia. (in): D= _____

Pipe Width (in): T= _____

Pipe Height (in): H= _____

Flow Width (in): h= _____

Swale Measurements:

Swale Width (in): T= _____

Flow Width (in): t = _____

Swale Height (in): H= _____

Flow Height (in): h= _____

Bottom Width (in): b= _____

Is there a headwall?

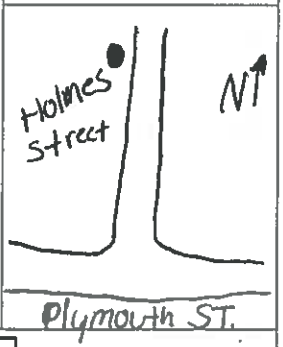
Yes ☐ No ☐

Condition:

Good ☐ Poor ☐

Fair ☐ Crumbling ☐

Location Sketch



Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work ☐ Remove Trash/Debris ☐

Ditch Work ☐ Blocked Pipe ☐

Structural Corrosion ☐ Erosion at Structure ☐

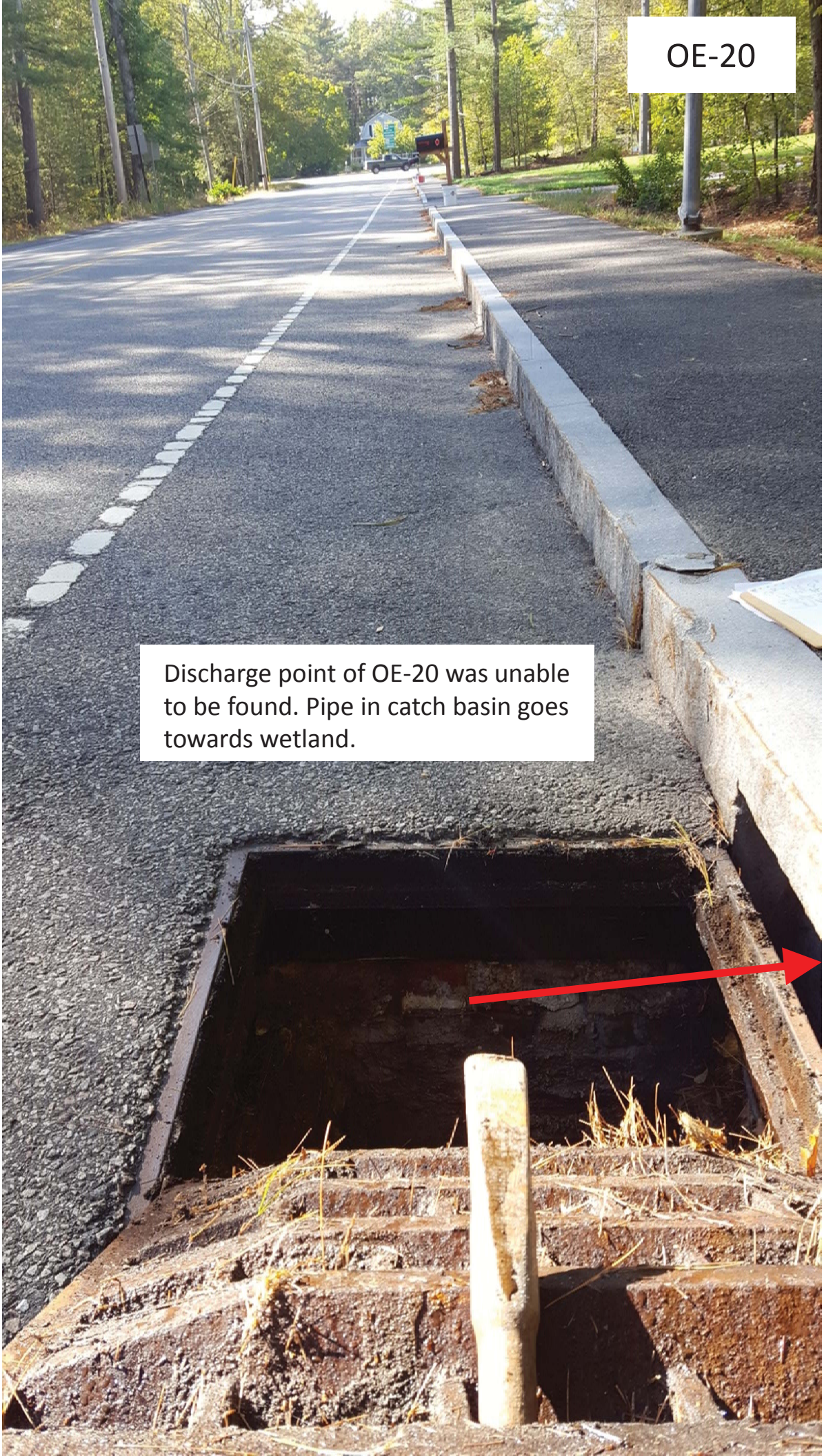
N/A ☐ Other ☐

Comments: Unable to locate pipe

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION


OE-20
Discharge point of OE-20 was unable to be found. Pipe in catch basin goes towards wetland.

Outfall ID: OE-21 **Town:** Halifax, MA

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Ridge Road

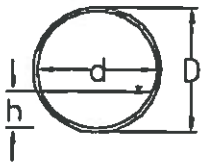
Last Rainfall Event: 10-10-16 2.00 in.

Receiving Water: East Pond

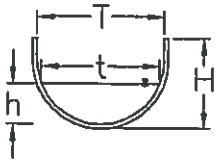
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

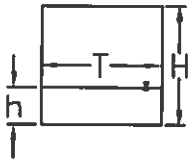
Shape of Pipe/Swale (check one)



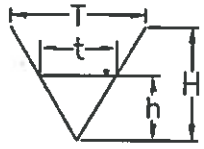
☐ **Rounded Pipe/Swale**



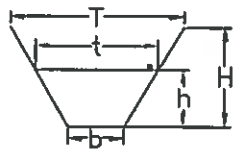
☐ **Rounded Pipe/Swale**



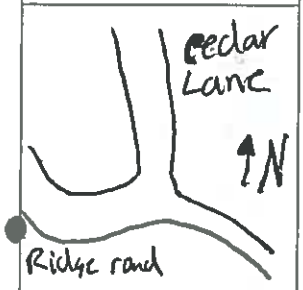
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Circle All Materials Present:

Odor:	Yes ☐	No ☐	Rip rap / Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☐	Excessive sediment / Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☐	Foam / Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☐	Sanitary Waste / Algae
			Orange Staining / Excessive Vegetation

Required Maintenance: Tree Work; Ditch Work; Structural Corrosion; N/A; Remove Trash/Debris; Blocked Pipe; Erosion at Structure; Other

Comments: Could not locate pipe

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

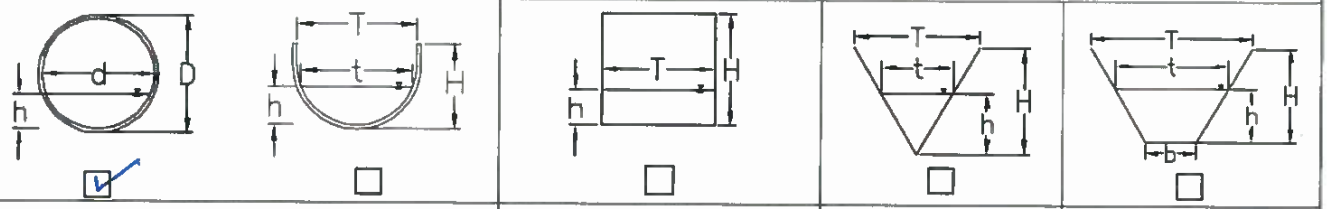
OE-21
Outfall Pipe
Headwall

Outfall ID: OW1 **Town:** Halifax
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Monponsett Street
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☑ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 13	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☐	No ☑	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance: Tree Work; Ditch Work; Structural Corrosion; N/A; Remove Trash/Debris; Blocked Pipe; Erosion at Structure; Other

Comments: at end pipe has no bottom

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

Stone
normal wetland vegetation

OW-01

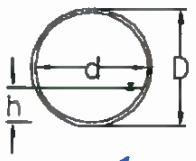
The bottom of the pipe has corroded away.

Outfall ID: OW2 **Town:** Halifax
Inspector: C. Curtin **Date:** 10/17/16
Street Name: Monponsett Street
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Lake

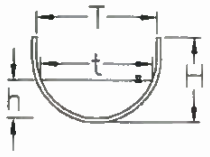
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

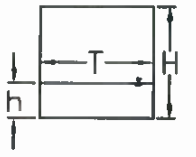
Shape of Pipe/Swale (check one)



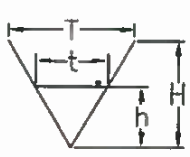
☑ **Rounded Pipe/Swale**



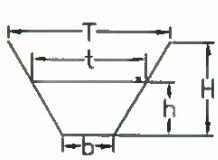
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12	Swale Width (in): T= ____	Yes ☐ No ☐	
Outer Dia. (in): D= 12	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☐	No ☑
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments: about 1 foot above ground

Circle All Materials Present:

Rip rap (Small Stone)	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

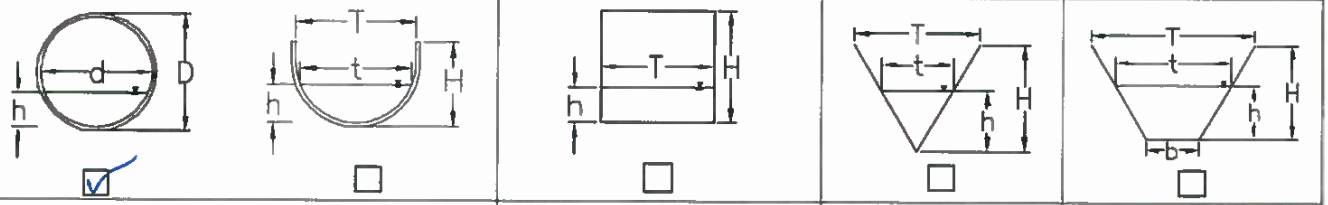
OW-02

Outfall ID: OW 3 **Town:** Halifax
Inspector: C. Curtin **Date:** 10/17/16
Street Name: Monponsett Street
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Lake

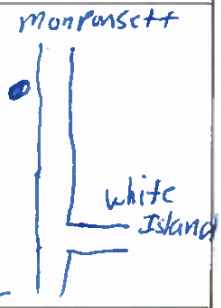
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 12	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= 12	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑	
Optical enhancers suspected?	Yes ☐	No ☑	
Has channelization occurred?	Yes ☐	No ☑	
Has scouring occurred below the outlet?	Yes ☑	No ☐	Little hole beneath

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments: about 6" above ground, small depression below pipe outfall

Circle All Materials Present:

~~Rip rap~~ Small Stones	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

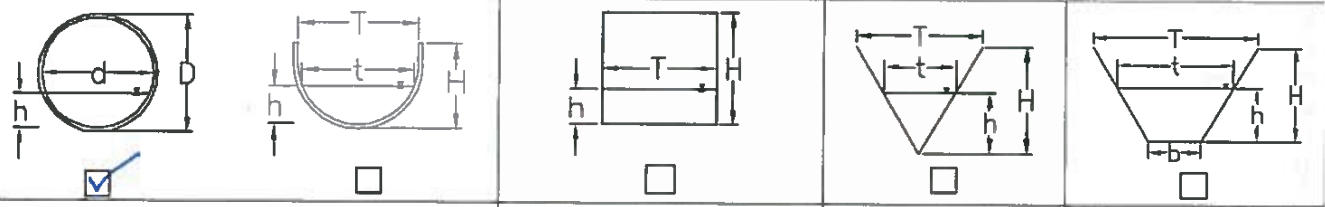
OW-03

Outfall ID: OW 4 **Town:** Halifax
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Monponsett Street
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☑ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☑ Crumbling ☐ distorted a little at end	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

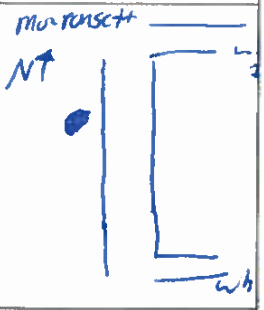
Pipe Measurements:
Inner Dia. (in): d= 12"
Outer Dia. (in): D= 12"
Pipe Width (in): T= ____
Pipe Height (in): H= ____
Flow Width (in): h= ____

Swale Measurements:
Swale Width (in): T= ____
Flow Width (in): t = ____
Swale Height (in): H= ____
Flow Height (in): h= ____
Bottom Width (in): b= ____

Is there a headwall? Yes ☐ No ☑

Condition: Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Location Sketch



Description of Flow: Heavy ☐ Moderate ☐ Trickling ☑ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑	
Optical enhancers suspected?	Yes ☑	No ☑	flow from bleeder
Has channelization occurred?	Yes ☑	No ☐	
Has scouring occurred below the outlet?	Yes ☐	No ☑	

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments: Concrete Flange at end, Pallet Covering outfall

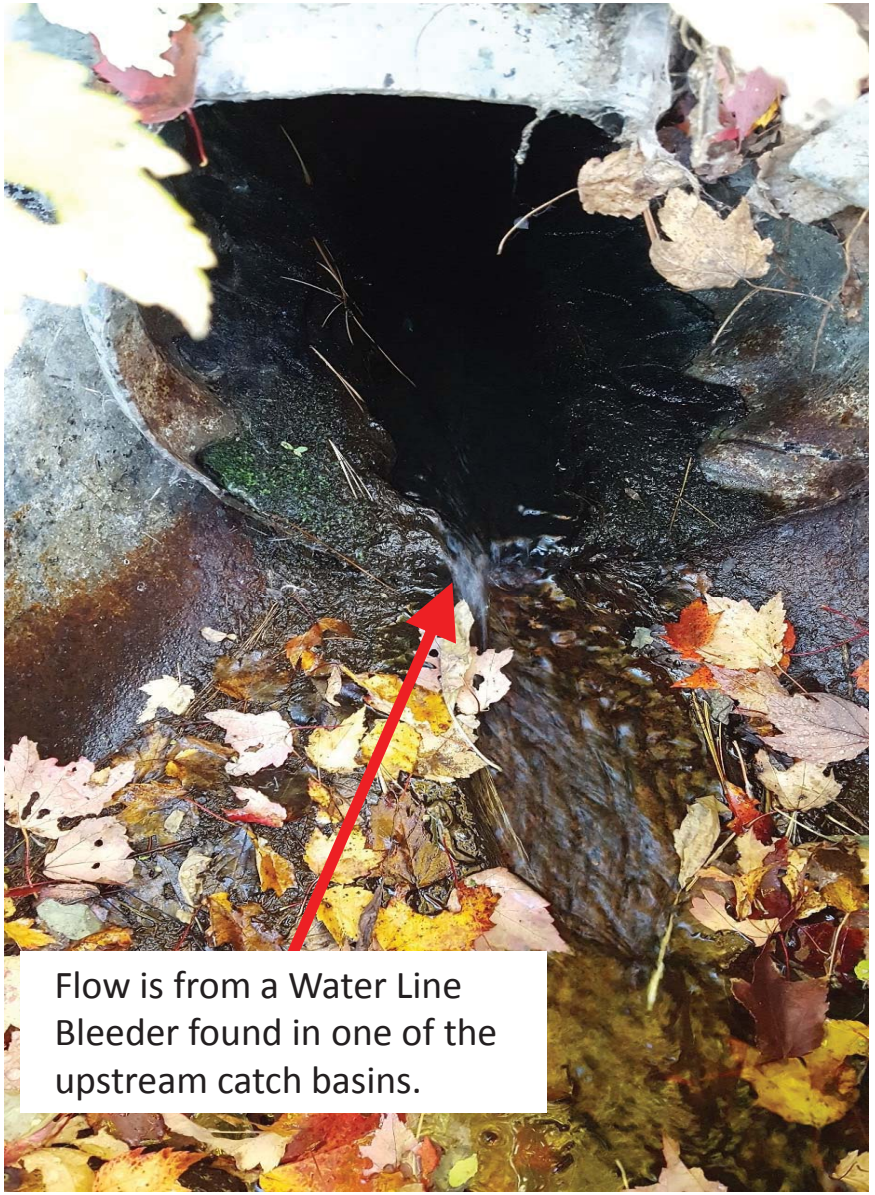
Circle All Materials Present:
Rip rap
Excessive sediment
Foam
Sanitary Waste
Orange Staining
Sheen: Bacterial
Sheen: Petroleum
Floatables
Algae
Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

at outlet vegetation growing

Flow is from water line bleeder in catch basin

OW-04
Outfall pipe was located under a pallet and includes a concrete flange.


Flow is from a Water Line Bleeder found in one of the upstream catch basins.

Outfall ID: OW5 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Munponsett Street

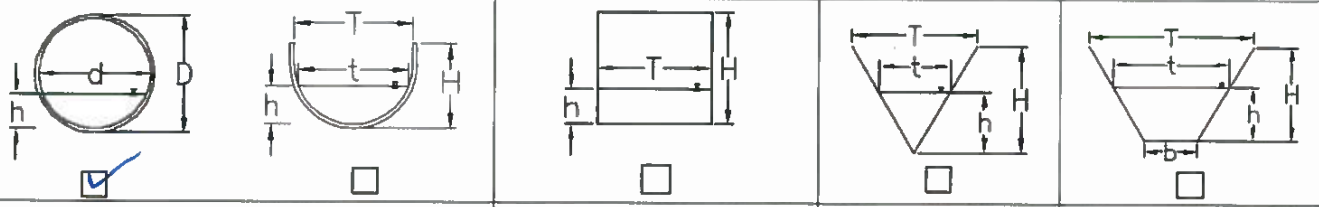
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: West Pond

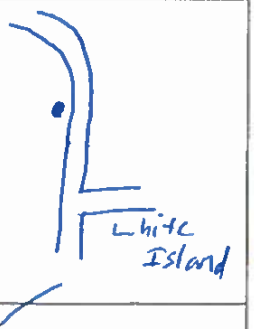
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale	☐ Rectangular Pipe/Swale	☐ Triangular Swale	☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= ~~12~~	Swale Width (in): T=	Yes ☐ No ☑	
Outer Dia. (in): D= 16	Flow Width (in): t =	**Condition:**	
Pipe Width (in): T=	Swale Height (in): H=	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H=	Flow Height (in): h=		
Flow Width (in): h=	Bottom Width (in): b=		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments: Slight channelization

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

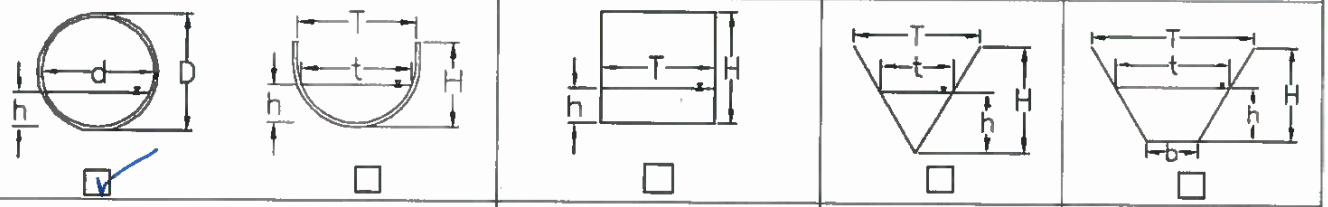
OW-05

Outfall ID: OW 6 **Town:** Halifax
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Monponsett street
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Pond

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☑ Crumbling ☐ half filled w/ sediment	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ | ☐ Rectangular Pipe/Swale | ☐ Triangular Swale | ☐ Trapezoidal Swale

Pipe Measurements: 12"	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= ~~12~~ 16"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= ~~16~~ 18"	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☐	No ☑
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments: pipe is partly filled with sediment

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-06
Arrows point to Outfall Pipe.

Outfall ID: OW 7 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Manponsett Street (Boat Launch parking lot)

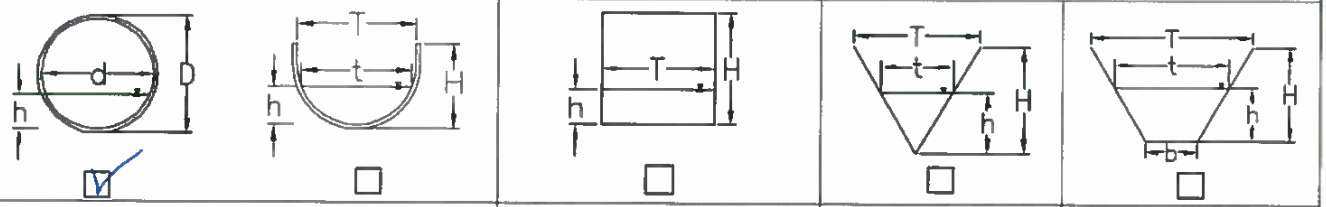
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: West Pond

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic HDPE ☑ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



Rounded Pipe/Swale ☑	Rectangular Pipe/Swale ☐	Triangular Swale ☐	Trapezoidal Swale ☐

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☐	
Outer Dia. (in): D= 14"	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑	
Optical enhancers suspected?	Yes ☐	No ☑	
Has channelization occurred?	Yes ☑	No ☐	slight
Has scouring occurred below the outlet?	Yes ☐	No ☑	

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: has plastic flange at end of pipe

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-07
OW-07 has a black plastic flange at end.

Outfall ID: OW 8 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Ocean Ave

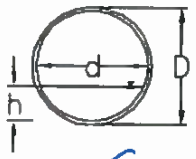
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: West Lake

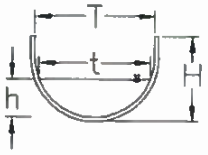
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: metal ☑	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

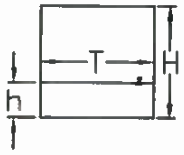
Shape of Pipe/Swale (check one)



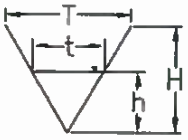
☑ **Rounded Pipe/Swale**



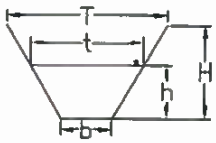
☐ **Rectangular Pipe/Swale**

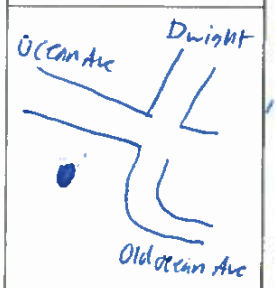


☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments:

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

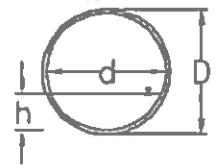
OW-08

Outfall ID: OW-09 **Town:** Halifax, MA
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Richview Avenue
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Pond

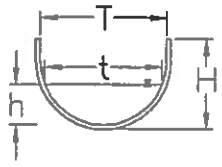
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

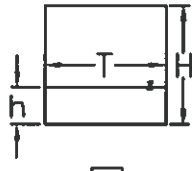
Shape of Pipe/Swale (check one)



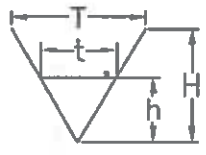
☐ Rounded Pipe/Swale



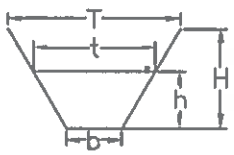
☐ Rounded Pipe/Swale



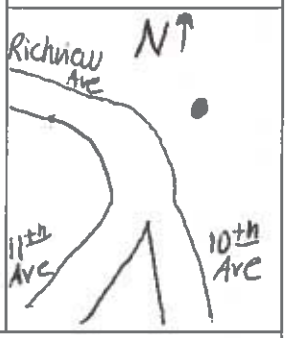
☐ Rectangular Pipe/Swale



☐ Triangular Swale



☐ Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= ____	Swale Width (in): T= ____	Yes ☐ No ☐	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☐	No ☑
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance: Tree Work ☐ Ditch Work ☐ Structural Corrosion ☐ N/A ☐ Remove Trash/Debris ☐ Blocked Pipe ☐ Erosion at Structure ☐ Other ☐

Comments: Pipe not found during inspection

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

* When surveyed for preliminary design, the top of pipe elevation was found, but size and material of pipe is still unknown.

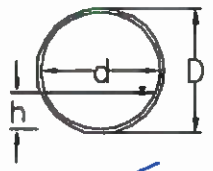
OW-09
Discharge Point of OW-09 was unable to be found. The pipe discharges at this location and must be buried under the vegetation and possibly the water.

Outfall ID: OW10 **Town:** Halifax, Ma.
Inspector: C. Curtin **Date:** 11/03/2016
Street Name: Richview Avenue
Last Rainfall Event: 10/31/2016 0.27 in.
Receiving Water: West Lake

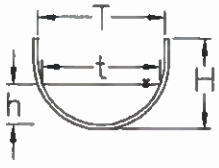
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

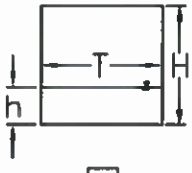
Shape of Pipe/Swale (check one)



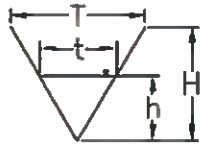
☑ **Rounded Pipe/Swale**



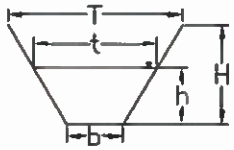
☐ **Rectangular Pipe/Swale**

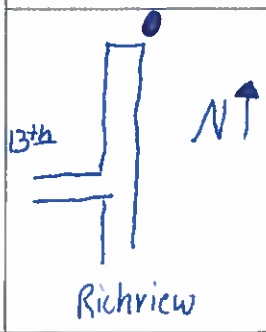


☐ **Triangular Swale**



☐ **Trapezoidal Swale**



Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 12"	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☐	No ☑
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:
Tree Work
Ditch Work
Structural Corrosion
N/A
Remove Trash/Debris
Blocked Pipe
Erosion at Structure
Other

Comments: The outfall is half buried in leaves and sediment

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-10
Outfall pipe is half buried under leaves and sediment.

Outfall ID: OW 11 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Thirteenth Avenue

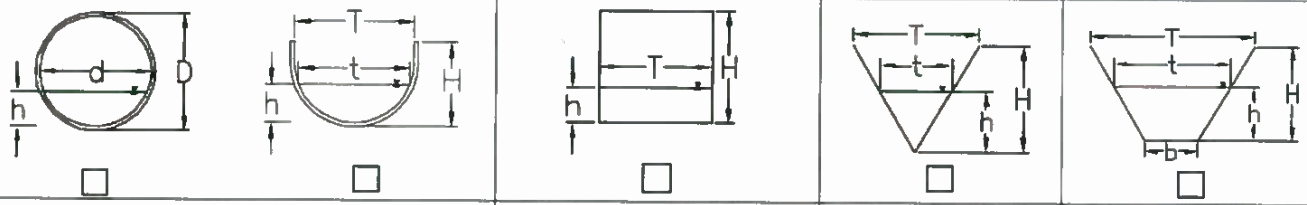
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: wetland west of west Lake

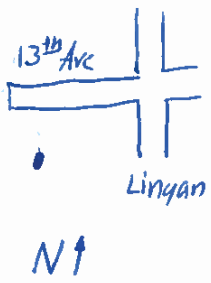
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Could not locate pipe outfall

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-11
Discharge Point of OW-11 was unable to be found. Catch basin was full of water during inspection. There could be a pipe leaving the catch basin towards an outfall behind house.

Outfall ID: OW 12 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: 12th Avenue

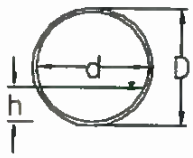
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: Wetland west of West lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



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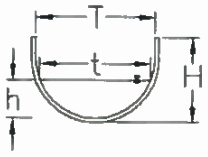
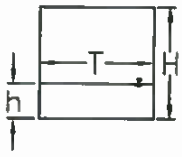


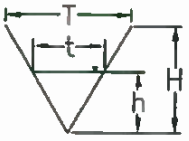
☐

Rounded Pipe/Swale



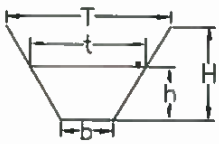
☐

Rectangular Pipe/Swale



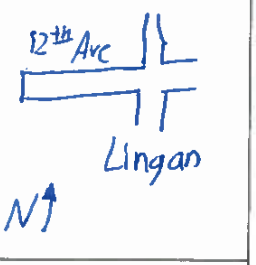
☐

Triangular Swale



☐

Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Could not locate pipe outfall

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-12
Discharge Point of OW-12 was unable to be found. Pipe in catch basin goes towards the boat, but could not be located.

Outfall ID: OW 13 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Cross Street

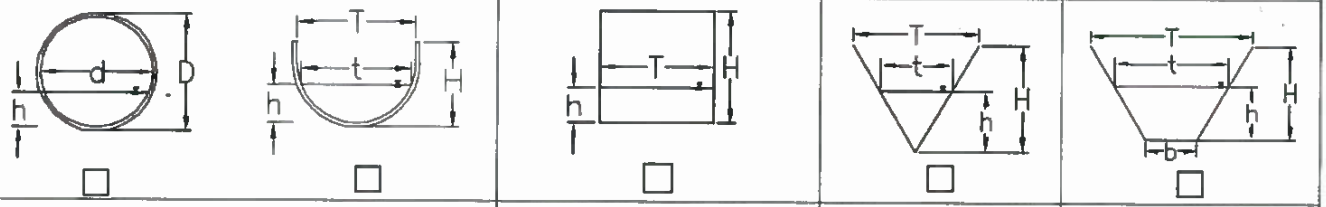
Last Rainfall Event: ~~West~~ 10/10/16 2.00 in.

Receiving Water: wetland west of westlake

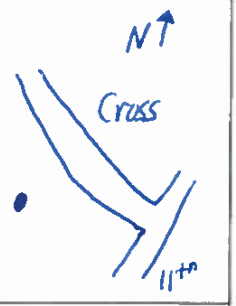
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Could not locate; Highway Department said it is ~~deep~~ in woods somewhere.

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-13
Discharge Point of OW-13 was unable to be found. Pipe in catch basin goes towards the wetland behind the house.

Outfall ID: OW 14 **Town:** Halifax

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Eleventh Avenue

Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: West Lake

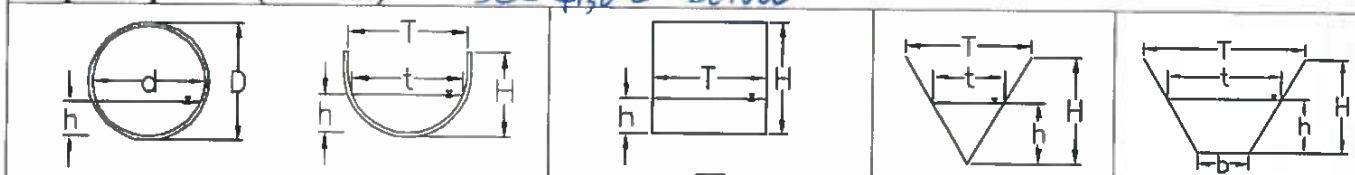
★ Culvert

GHD

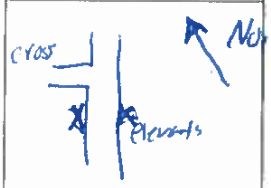
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ____ ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one) See figure below



☐ Rounded Pipe/Swale ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale

Pipe Measurements:		Swale Measurements:		Is there a headwall?	Location Sketch
Inner Dia. (in):	d= 24"	Swale Width (in):	T= ____	Yes ☑ No ☐	
Outer Dia. (in):	D= ____	Flow Width (in):	t = ____	**Condition:**	
Pipe Width (in):	T= ____	Swale Height (in):	H= ____	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in):	H= ____	Flow Height (in):	h= ____		
Flow Width (in):	h= ____	Bottom Width (in):	b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in): 2 inches

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance: Tree Work, Ditch Work, Structural Corrosion, N/A, Remove Trash/Debris, Blocked Pipe, Erosion at Structure, Other

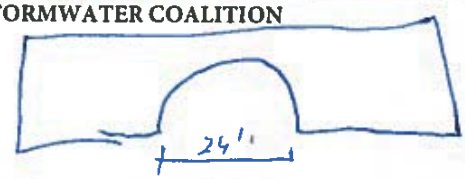
Comments: Possible outfall from manhole into Culvert

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

in culvert water



OW-14
Headwall of Culvert on East Side of 11th Avenue

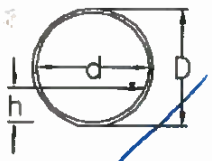
Headwall of Culvert on West Side of 11th Avenue

Outfall ID: OW 15 **Town:** Halifax
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Penmican Way
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: Bog East of Penmican

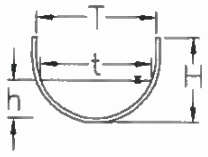
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

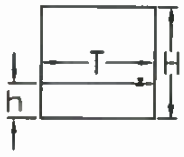
Shape of Pipe/Swale (check one)



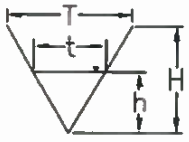
☑ **Rounded Pipe/Swale**



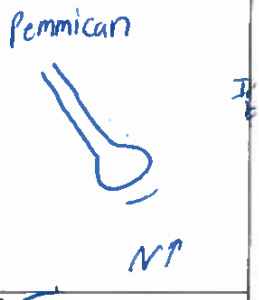
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= 18	Swale Width (in): T= ____	Yes ☑ No ☐	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

			Circle All Materials Present:	
Odor:	Yes ☐	No ☑	Rip rap	Sheen: Bacterial
Optical enhancers suspected?	Yes ☐	No ☑	Excessive sediment	Sheen: Petroleum
Has channelization occurred?	Yes ☐	No ☑	Foam	Floatables
Has scouring occurred below the outlet?	Yes ☑	No ☐	Sanitary Waste	Algae
			Orange Staining	Excessive Vegetation

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments: discharge directly to bog

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-15

Outfall ID: OW 16 **Town:** Halifax, Ma.

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Monponsett Street

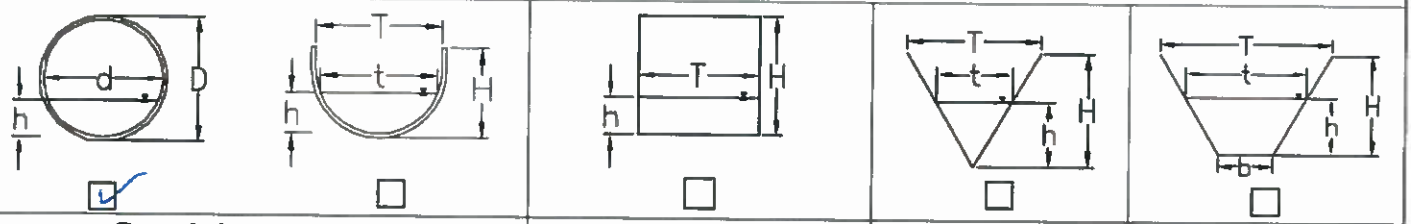
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: West Lake

DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☑	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☑ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

Shape of Pipe/Swale (check one)



☑ Rounded Pipe/Swale ☐ ☐ Rectangular Pipe/Swale ☐ Triangular Swale ☐ Trapezoidal Swale ☐

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= 48	Swale Width (in): T= ____	Yes ☐ No ☑	#610 N ↑ #608 monponsett
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Owner has to shovel out sediment from outfall

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

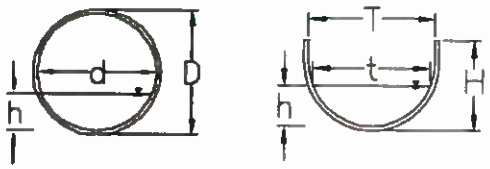
OW-16

Outfall ID: OW-17 **Town:** Halifax, Ma.
Inspector: C. Curtin **Date:** 10-17-16
Street Name: Third Avenue
Last Rainfall Event: 10/10/16 2.00 in.
Receiving Water: West Pond

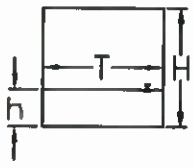
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		**Pipe Outfall** ☐	**Open Swale Outfall** ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

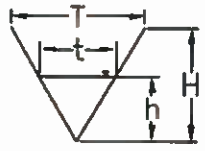
Shape of Pipe/Swale (check one)



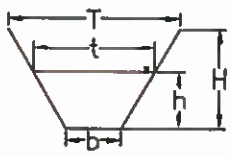
☐ Rounded Pipe/Swale ☐



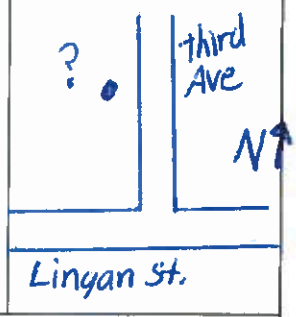
☐ Rectangular Pipe/Swale



☐ Triangular Swale



☐ Trapezoidal Swale

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Pipe in Catch basin found pointing towards Pond but pipe could not be located.

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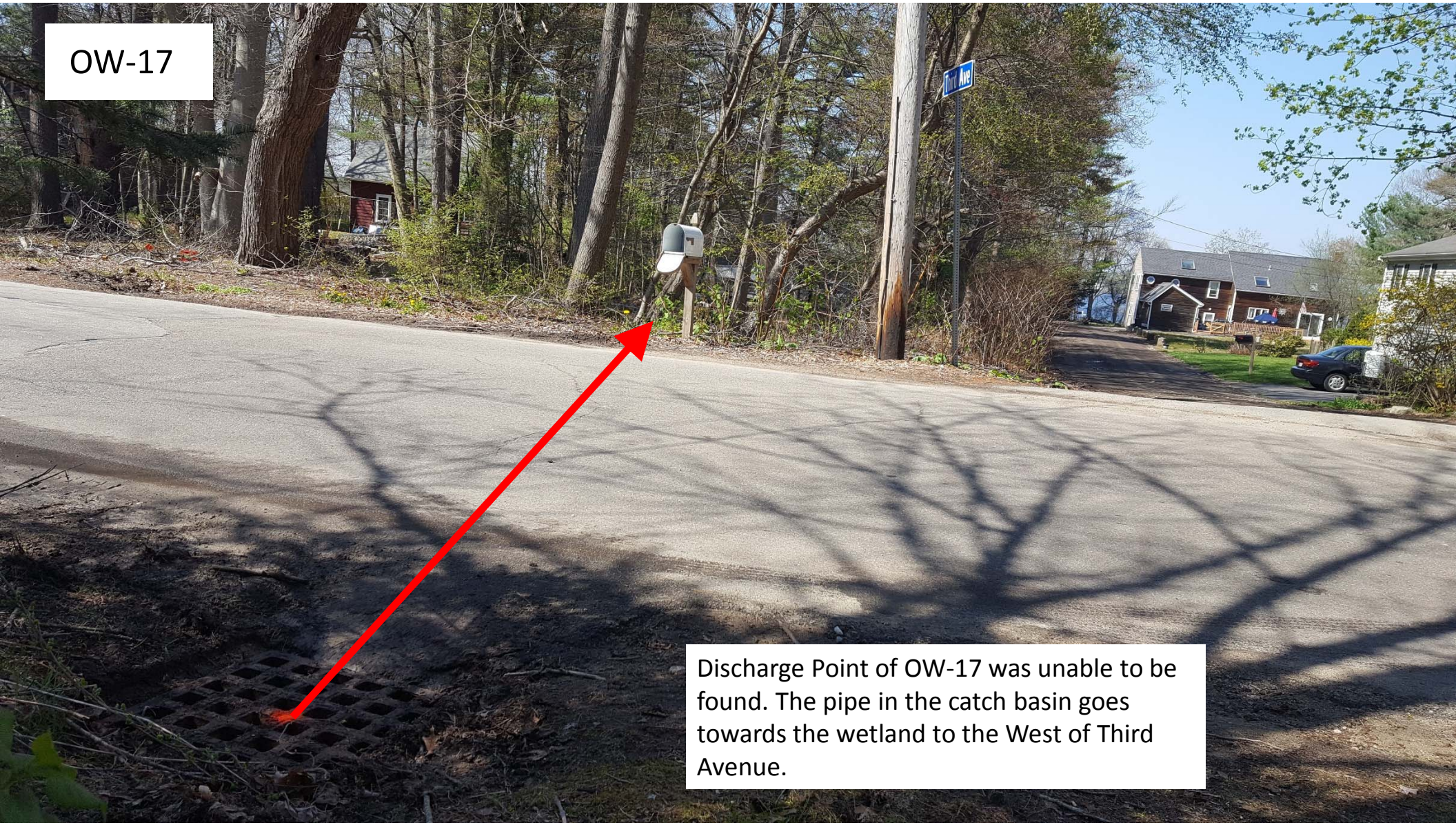

OW-17
Third Ave
Discharge Point of OW-17 was unable to be found. The pipe in the catch basin goes towards the wetland to the West of Third Avenue.

Outfall ID: OW-18 **Town:** Halifax, Ma.

Inspector: C. Curtin **Date:** 10-17-16

Street Name: Monponsett Street

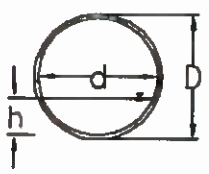
Last Rainfall Event: 10/10/16 2.00 in.

Receiving Water: Leaching system

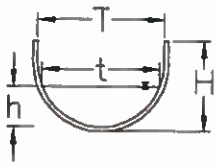
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☐	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: _____ ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: _____ ☐
Pipe Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

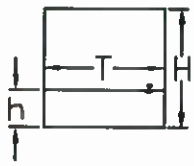
Shape of Pipe/Swale (check one)



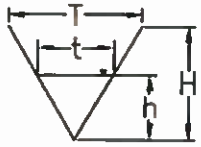
☐ **Rounded Pipe/Swale**



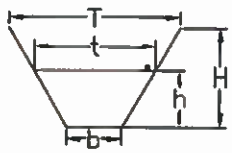
☐ **Rounded Pipe/Swale**



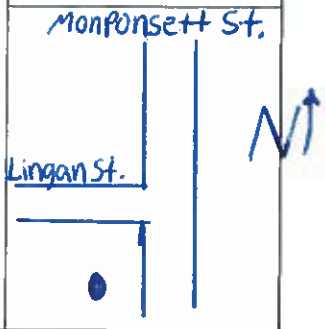
☐ **Rectangular Pipe/Swale**



☐ **Triangular Swale**



☐ **Trapezoidal Swale**

Pipe Measurements:	**Swale Measurements:**	**Is there a headwall?**	**Location Sketch**
Inner Dia. (in): d= _____	Swale Width (in): T= _____	Yes ☐ No ☐	
Outer Dia. (in): D= _____	Flow Width (in): t = _____	**Condition:**	
Pipe Width (in): T= _____	Swale Height (in): H= _____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= _____	Flow Height (in): h= _____		
Flow Width (in): h= _____	Bottom Width (in): b= _____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☐

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☐
Optical enhancers suspected?	Yes ☐	No ☐
Has channelization occurred?	Yes ☐	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☐

Required Maintenance:

Tree Work	Remove Trash/Debris
Ditch Work	Blocked Pipe
Structural Corrosion	Erosion at Structure
N/A	Other

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

Comments: Catch basin has multiple pipes and Highway Department said they lead to a leaching system.

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION

OW-18

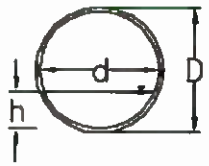
OW-18 seems to discharge to a possible leaching field to the west of Monponsett Street. The catch basin has multiple pipes entering/leaving the basin.

Outfall ID: OW-19 **Town:** Hanson, MA.
Inspector: C. Curtin **Date:** 12-20-16
Street Name: Ocean Avenue
Last Rainfall Event: 12-18-16 0.47 in.
Receiving Water: West Pond

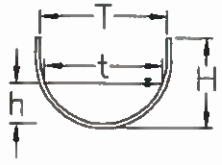
DRY WEATHER OUTFALL INSPECTION FORM

Type of Outfall (check one):		Pipe Outfall ☑	Open Swale Outfall ☐
Pipe Material:	Concrete ☐ Corrugated metal ☐ Clay Tile ☐ Plastic ☐ Other: ☐	**Swale Material:**	Paved (asphalt) ☐ Concrete ☐ Earthen ☐ Stone ☐ Other: ☐
Pipe Condition:	Good ☑ Poor ☐ Fair ☐ Crumbling ☐	**Swale Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐

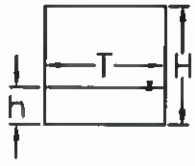
Shape of Pipe/Swale (check one)



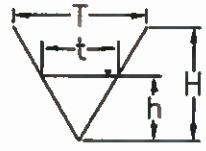
☐ Rounded Pipe/Swale



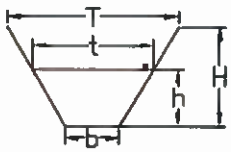
☐ Rounded Pipe/Swale



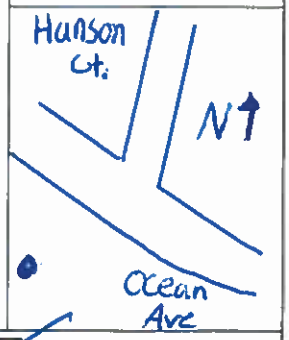
☐ Rectangular Pipe/Swale



☐ Triangular Swale



☐ Trapezoidal Swale

Pipe Measurements:	Swale Measurements:	Is there a headwall?	Location Sketch
Inner Dia. (in): d= ____	Swale Width (in): T= ____	Yes ☐ No ☑	
Outer Dia. (in): D= ____	Flow Width (in): t = ____	**Condition:**	
Pipe Width (in): T= ____	Swale Height (in): H= ____	Good ☐ Poor ☐ Fair ☐ Crumbling ☐	
Pipe Height (in): H= ____	Flow Height (in): h= ____		
Flow Width (in): h= ____	Bottom Width (in): b= ____		

Description of Flow: Heavy ☐ Moderate ☐ Trickling ☐ Dry ☑

If the outlet is submerged indicate approximate height of water above the outlet invert. h above invert (in):

Odor:	Yes ☐	No ☑
Optical enhancers suspected?	Yes ☐	No ☑
Has channelization occurred?	Yes ☑	No ☐
Has scouring occurred below the outlet?	Yes ☐	No ☑

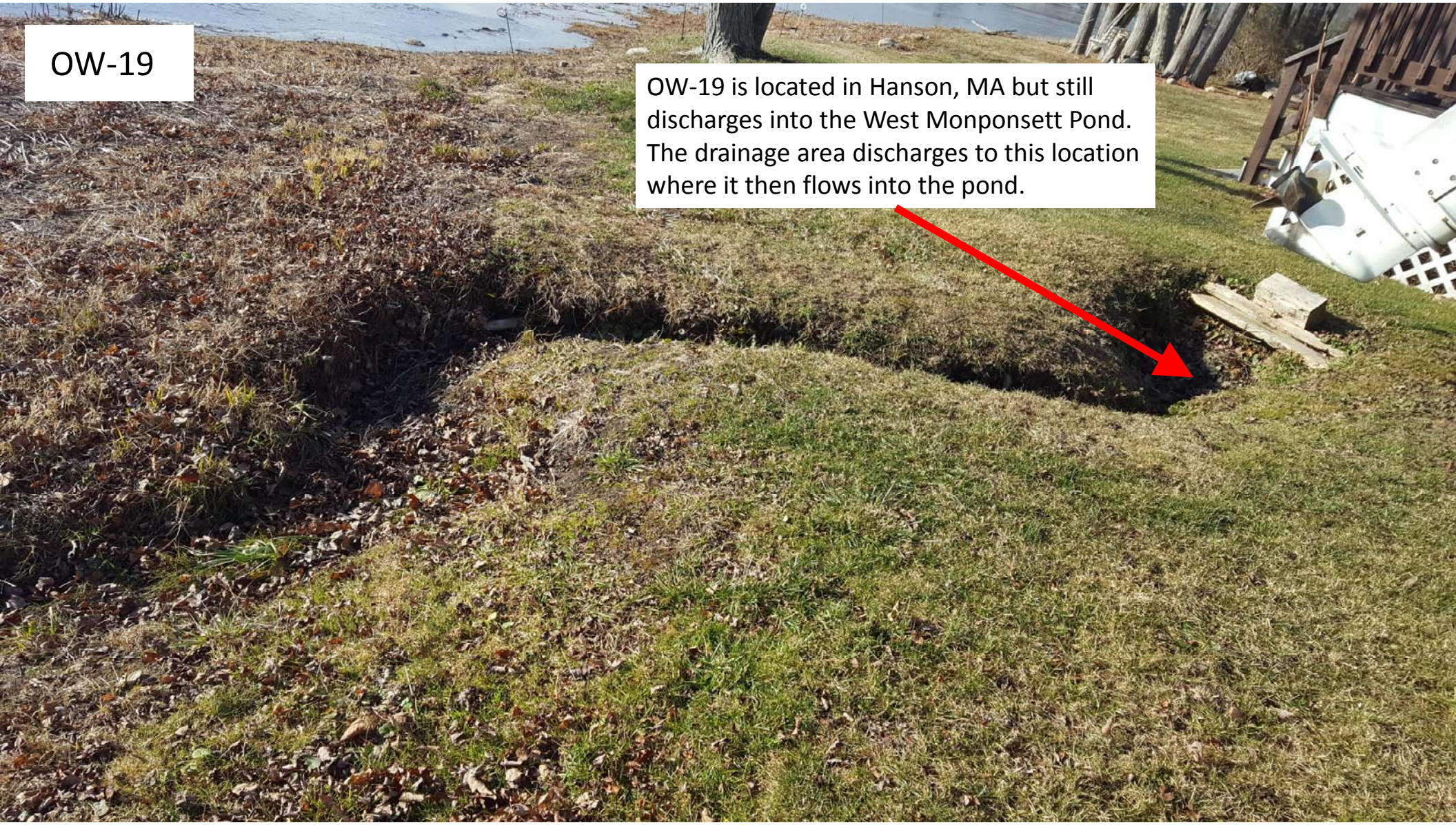
Required Maintenance:
Tree Work ☐ Remove Trash/Debris ☐
Ditch Work ☐ Blocked Pipe ☐
Structural Corrosion ☐ Erosion at Structure ☐
N/A ☐ Other ☐

Comments: Large channel created from runoff

Circle All Materials Present:

Rip rap	Sheen: Bacterial
Excessive sediment	Sheen: Petroleum
Foam	Floatables
Sanitary Waste	Algae
Orange Staining	Excessive Vegetation

ADAPTED FROM THE CENTRAL MASSACHUSETTS REGIONAL STORMWATER COALITION


OW-19
OW-19 is located in Hanson, MA but still discharges into the West Monponsett Pond. The drainage area discharges to this location where it then flows into the pond.

Attachment E
Peak Runoff Calculations for 2-Year, 5-Year, 10-Year, and 25-Year Storm Events

Peak Runoff 2-Year, 5-Year, 10-Year, and 25-Year Storm Events

Outfall	Location Description	Total Area			Surface Area Impervious			Surface Area Pervious			Peak Runoff from Storm Events (CFS)			
		(ft^2)	acre	(mi^2)	(ft^2)	(acre)	(mi^2)	(ft^2)	(acre)	(mi^2)	2-Year	5-Year	10-Year	25-Year
OE 01	Monponsett Street Across from Monponsett Inn	141,700	3.25	0.0051	106,700	2.45	0.0038	35,000	0.80	0.0013	10.79	12.70	14.13	15.29
OE 02	Wamsutta Ave	79,700	1.83	0.0029	26,200	0.60	0.0009	53,500	1.23	0.0019	2.65	3.12	3.47	3.75
OE 03	Lake Street	68,300	1.57	0.0024	32,800	0.75	0.0012	35,500	0.81	0.0013	3.32	3.90	4.34	4.70
OE 04	End of Lake Street	128,500	2.95	0.0046	61,700	1.42	0.0022	66,800	1.53	0.0024	6.24	7.34	8.17	8.84
OE 05	Corner of Standish Street and Wamsutta Avenue	35,600	0.82	0.0013	15,800	0.36	0.0006	19,800	0.45	0.0007	1.60	1.88	2.09	2.26
OE 06	Holmes Street	180,900	4.15	0.0065	60,900	1.40	0.0022	120,000	2.75	0.0043	6.16	7.25	8.06	8.73
OE 07	Ridge Road	78,800	1.81	0.0028	28,100	0.65	0.0010	50,700	1.16	0.0018	2.84	3.35	3.72	4.03
OE 08	Baker Street	27,800	0.64	0.0010	25,100	0.58	0.0009	2,700	0.06	0.0001	2.54	2.99	3.32	3.60
OE 09	Corner of Baker Court and Cedar Lane	82,700	1.90	0.0030	17,100	0.39	0.0006	65,600	1.51	0.0024	1.73	2.04	2.26	2.45
OE 10	Lantern Avenue	150,500	3.45	0.0054	35,600	0.82	0.0013	114,900	2.64	0.0041	3.60	4.24	4.71	5.10
OE 11	Heron Road	68,000	1.56	0.0024	19,200	0.44	0.0007	48,800	1.12	0.0018	1.94	2.29	2.54	2.75
OE 12	Heron Road	21,400	0.49	0.0008	21,400	0.49	0.0008	-	-	-	2.16	2.55	2.83	3.07
OE 13	Culvert at Beach on Chestnut Road	-	-	-		-	-	-	-	-	-	-	-	-
OE 14	Chestnut Road	650,700	14.94	0.0233	229,700	5.27	0.0082	421,000	9.66	0.0151	23.23	27.34	30.41	32.92
OE 15	Buttonwood Road	501,000	11.50	0.0180	136,000	3.12	0.0049	365,000	8.38	0.0131	13.75	16.19	18.01	19.49
OE 16	Holmes Street	1,328,400	30.50	0.0476	425,000	9.76	0.0152	903,400	20.74	0.0324	42.97	50.59	56.27	60.91
OE 17	Heron Road	21,400	0.49	0.0008	21,400	0.49	0.0008	-	-	-	2.16	2.55	2.83	3.07
OE 18	Monponsett Street	5,500	0.13	0.0002	5,500	0.13	0.0002	-	-	-	0.56	0.65	0.73	0.79
OE 19	Ridge Road	58,000	1.33	0.0021	37,600	0.86	0.0013	20,400	0.47	0.0007	3.80	4.48	4.98	5.39
OE 20	South Holmes Street	197,500	4.53	0.0071	110,400	2.53	0.0040	87,100	2.00	0.0031	11.16	13.14	14.62	15.82
OE-21	Ridge Road	88,600	2.03	0.0032	30,400	0.70	0.0011	58,200	1.34	0.0021	3.07	3.62	4.03	4.36
OW 01	Monponsett Street	12,300	0.28	0.0004	10,700	0.25	0.0004	1,600	0.04	0.0001	1.08	1.27	1.42	1.53
OW 02	Monponsett Street	126,800	2.91	0.0045	60,400	1.39	0.0022	66,400	1.52	0.0024	6.11	7.19	8.00	8.66
OW 03	Monponsett Street	126,800	2.91	0.0045	60,400	1.39	0.0022	66,400	1.52	0.0024	6.11	7.19	8.00	8.66
OW 04	Monponsett Street	72,900	1.67	0.0026	32,800	0.75	0.0012	40,100	0.92	0.0014	3.32	3.90	4.34	4.70
OW 05	Monponsett Street	36,900	0.85	0.0013	20,600	0.47	0.0007	16,300	0.37	0.0006	2.08	2.45	2.73	2.95
OW 06	Monponsett Street	89,100	2.05	0.0032	57,900	1.33	0.0021	31,200	0.72	0.0011	5.85	6.89	7.67	8.30
OW 07	Monponsett Street Boat Launch Parking Lot	12,251	0.28	0.0004	12,251	0.28	0.0004	-	-	-	1.24	1.46	1.62	1.76
OW 08	Ocean Avenue	64,700	1.49	0.0023	31,600	0.73	0.0011	33,100	0.76	0.0012	3.20	3.76	4.18	4.53
OW 09	Richview Avenue at Halifax Beach Association	341,600	7.84	0.0123	46,000	1.06	0.0017	295,600	6.79	0.0106	4.65	5.48	6.09	6.59
OW 10	End of Richview Avenue	26,800	0.62	0.0010	18,700	0.43	0.0007	8,100	0.19	0.0003	1.89	2.23	2.48	2.68
OW 11	13th Avenue	200,000	4.59	0.0072	60,000	1.38	0.0022	140,000	3.21	0.0050	6.07	7.14	7.94	8.60
OW 12	12th Avenue	92,800	2.13	0.0033	51,000	1.17	0.0018	41,800	0.96	0.0015	5.16	6.07	6.75	7.31
OW 13	Cross Street	73,400	1.69	0.0026	28,200	0.65	0.0010	45,200	1.04	0.0016	2.85	3.36	3.73	4.04
OW 14	11th Avenue	111,500	2.56	0.0040	52,100	1.20	0.0019	59,400	1.36	0.0021	5.27	6.20	6.90	7.47
OW 15	Pemmican Way	49,700	1.14	0.0018	24,000	0.55	0.0009	25,700	0.59	0.0009	2.43	2.86	3.18	3.44
OW 16	Monponsett Culvert/Drainage	149,100	3.42	0.0053	113,800	2.61	0.0041	35,300	0.81	0.0013	11.51	13.55	15.07	16.31
OW 17	Third Avenue	7,000	0.16	0.0003	7,000	0.16	0.0003	-	-	-	0.71	0.83	0.93	1.00
OW 18	Monponsett Street and Lingan Street	86,500	1.99	0.0031	56,200	1.29	0.0020	30,300	0.70	0.0011	5.68	6.69	7.44	8.05
OW 19	Hanson Outfall on Ocean Ave	504,000	1.61	0.0025	70,000	1.61	0.0025	-	-	-	7.08	8.33	9.27	10.03

Constants and Assumptions for Peak Runoff Calculation

Return Period	Equation constants	Region 3	Intensity
2	a	102	4.64
	b	17	
5	a	131	5.46
	b	19	
10	a	170	6.07
	b	23	
25	a	230	6.57
	b	30	

STEEL Equation	i = a/(d+b)
Peak Runoff Equation	Q=Cia

Source	**Assumptions**
Engineersedge.com	Region = Region 3
lmnoeng.com	Runoff Coefficient = 0.95
JWB	Time of Concentration (d) = 5 minutes

Attachment F
Outfall Prioritization Matrix

Prioritization of the Outfalls Discharging to West Monponsett Pond

Impervious Area Priority Rank	Total Area Priority Rank	Priority Matrix Cost	Priority Rank Scores	Priority Rank	Outfall	Location Description	Found?	Discharges to Pond?	Discharge on Town Land?	Cost Estimates			Total Area	Surface Area
										Insert Only	Insert and Deep-Sump	Per Conceptual Designs	(ft^2)	Impervious (ft^2)
2	1	2	5	1	OW 19	Hanson Outfall on Ocean Ave	YES	YES West	No	Preliminary	Preliminary	$ 70,000	504,000	70,000
6	2	3	11	2	OW 09	Richview Avenue at Halifax Beach Association	YES	YES West	Yes	Preliminary	Preliminary	$ 70,000	341,600	46,000
1	3	9	13	3	OW 16	Monponsett Culvert/Drainage	YES	YES West	Yes	Preliminary	Preliminary	$ 110,000	149,100	113,800
3	4	10	17	4	OW 02	Monponsett Street	YES	YES West	No	$ 5,000	$ 55,000	$ 120,000	126,800	60,400
3	4	10	17	4	OW 03	Monponsett Street	YES	YES West	No	See OW-02	See OW-02	See OW-02	126,800	60,400
7	7	5	19	5	OW 04	Monponsett Street	YES	YES West	No	$ 2,000	$ 20,000	$ 90,000	72,900	32,800
4	5	11	20	6	OW 06	Monponsett Street	YES	YES West	No	$ 3,000	$ 30,000	$ 130,000	89,100	57,900
5	6	12	23	7	OW 18	Monponsett Street and Lingan Street	Leaching	YES West	No	$ 10,000	$ 95,000	$ 140,000	86,500	56,200
11	12	1	24	8	OW 07	Monponsett Street Boat Launch Parking Lot	YES	YES West	No	$ 1,000	$ 10,000	$ 40,000	12,251	12,251
10	10	4	24	8	OW 10	End of Richview Avenue	YES	YES West	No	$ 2,000	$ 20,000	$ 85,000	26,800	18,700
9	9	6	24	8	OW 05	Monponsett Street	YES	YES West	No	$ 3,000	$ 30,000	$ 90,000	36,900	20,600
8	8	8	24	8	OW 08	Ocean Avenue	YES	YES West	No	$ 2,000	$ 20,000	$ 105,000	64,700	31,600
12	11	7	30	12	OW 01	Monponsett Street	YES	YES West	No	$ 2,000	$ 20,000	$ 95,000	12,300	10,700

Attachment G
Cost Estimates

Engineers Estimate of Probable Construction Costs
Halifax Stormwater Assessment
Conceptual Designs
GHD Job #11110997

Notes
1. All totals rounded to 4 significant digits

COST WITH CATCH BASIN FILTERS IN ALL CATCH BASINS ONLY		
CONSTRUCTION COST		$104,000
CONTINGENCY	20%	$21,000
ENGINEERING	10%	$10,000
PERMIT	5%	$5,000
CONSTRUCTION ADMIN.	10%	$10,000

TOTAL PROJECT COST	$150,000

COST WITH DEEP-SUMP CATCH BASIN AND CATCH BASIN INSERT ONLY		
CONSTRUCTION COST		$1,000,000
CONTINGENCY	20%	$200,000
ENGINEERING	10%	$100,000
PERMIT	5%	$50,000
CONSTRUCTION ADMIN.	10%	$100,000

TOTAL PROJECT COST	$1,450,000

Cost With Conceptual Design and Preliminary Design		
Construction Cost		$2,156,000
Contingency	20%	$431,000
Engineering	10%	$216,000
Permit	5%	$108,000
Construction Admin.	10%	$216,000

Total Project Cost	$3,130,000

COST PER CONCEPTUAL DESIGN PLANS		
CONSTRUCTION COST		$1,936,000
CONTINGENCY	20%	$387,000
ENGINEERING	10%	$194,000
PERMIT	5%	$97,000
CONSTRUCTION ADMIN.	10%	$194,000

TOTAL PROJECT COST	$2,810,000

COST PER PRELIMINARY DESIGN PLANS		
CONSTRUCTION COST		$220,000
CONTINGENCY	20%	$44,000
ENGINEERING	10%	$22,000
PERMIT	5%	$11,000
CONSTRUCTION ADMIN.	10%	$22,000

TOTAL PROJECT COST	$320,000

Unit Costs		
Item	**Cost**	
12" HDPE Pipe	$ 65	Per Linear Foot
Asphalt	$ 35	Per Square Yard
Cultec Infiltration	$ 1,000	Per Cultec Unit
Surface Treatment	$ 200	Per SY
Catch Basin Insert	$ 965	Per Unit
Settling Tank	$ 7,500	Per Unit
Leaching Pits	$ 4,000	Per Unit
Drain Manhole	$ 5,000	Per Unit
Deep-Sump Catch Basin	$ 5,000	Per Unit

Engineers Estimate of Probable Construction Costs
Halifax Stormwater Assessment
Catch Basin Inserts in All Catch Basins Only Design
GHD Job #11110997

Item	Cost
12" HDPE Pipe	$ 65 Per Linear Foot
Asphalt	$ 35 Per Square Yard
Cultec Infiltration	$ 1,000 Per Cultec Unit
Catch Basin Insert	$ 965 Per Unit
Settling Tank	$ 7,500 Per Unit
Drain Manhole	$ 5,000 Per Unit
Deep-Sump Catch Basin	$ 5,000 Per Unit

TOTAL CONSTRUCTION COST	$104,000

Item #	Description	Quantity	Units	Unit Cost	Item Cost	Group Subtotal	Rounded to Nearest $5,000
1	**OW-01 and OE-18**					**$1,930**	**$2,000**
1.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
2	**OW-02 and OW-03**					**$5,790**	**$5,000**
2.1	Catch Basin Insert	6	EA	$ 965	$ 5,790.00		
3	**OW-04**					**$1,930**	**$2,000**
3.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
4	**OW-05**					**$2,895**	**$3,000**
4.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
5	**OW-06**					**$2,895**	**$3,000**
5.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
6	**OW-07**					**$965**	**$1,000**
6.1	Catch Basin Insert	1	EA	$ 965	$ 965.00		
7	**OW-08**					**$1,930**	**$2,000**
7.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
8	**OW-10**					**$1,930**	**$2,000**
8.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
9	**OW-18**					**$9,650**	**$10,000**
9.1	Catch Basin Insert	10	EA	$ 965	$ 9,650.00		
10	**OE-01**					**$12,545**	**$15,000**
10.1	Catch Basin Insert	13	EA	$ 965	$ 12,545.00		
11	**OE-02**					**$1,930**	**$2,000**
11.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		

Costs Based on Design:
Catch Basin Inserts in All Catch Basins Only

12	**OE-03**					**$965**	**$1,000**
12.1	Catch Basin Insert	1	EA	$ 965	$ 965.00		
13	**OE-04**					**$1,930**	**$2,000**
13.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
14	**OE-06**					**$9,650**	**$10,000**
14.1	Catch Basin Insert	10	EA	$ 965	$ 9,650.00		
15	**OE-07**					**$2,895**	**$3,000**
15.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
16	**OE-08**					**$1,930**	**$2,000**
16.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
17	**OE-09**					**$2,895**	**$3,000**
17.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
18	**OE-10**					**$2,895**	**$3,000**
18.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
19	**OE-11**					**$1,930**	**$2,000**
19.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
20	**OE-12 and OE-17**					**$2,895**	**$3,000**
20.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
21	**OE-14**					**$20,265**	**$20,000**
21.1	Catch Basin Insert	21	EA	$ 965	$ 20,265.00		
22	**OE-19**					**$3,860**	**$5,000**
22.1	Catch Basin Insert	4	EA	$ 965	$ 3,860.00		
23	**OE-21**					**$2,895**	**$3,000**
23.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		

Engineers Estimate of Probable Construction Costs
Halifax Stormwater Assessment
Deep-Sump Catch Basin and Catch Basin Insert Design
GHD Job #11110997

Item	Cost	
12" HDPE Pipe	$ 65	Per Linear Foot
Asphalt	$ 35	Per Square Yard
Cultec Infiltration	$ 1,000	Per Cultec Unit
Catch Basin Insert	$ 965	Per Unit
Settling Tank	$ 7,500	Per Unit
Drain Manhole	$ 5,000	Per Unit
Deep-Sump Catch Basin	$ 5,000	Per Unit

CONSTRUCTION COST	$1,000,000

Item #	Description	Quantity	Units	Unit Cost	Item Cost	Group Subtotal	Rounded to Nearest $5,000
1	**OW-01 and OE-18**					**$18,930**	**$20,000**
1.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
1.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
1.3	Asphalt	200	SY	$ 35	$ 7,000.00		
2	**OW-02 and OW-03**					**$56,790**	**$55,000**
2.1	Catch Basin Insert	6	EA	$ 965	$ 5,790.00		
2.2	Deep-Sump Catch Basin	6	EA	$ 5,000	$ 30,000.00		
2.3	Asphalt	600	SY	$ 35	$ 21,000.00		
3	**OW-04**					**$18,930**	**$20,000**
3.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
3.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
3.3	Asphalt	200	SY	$ 35	$ 7,000.00		
4	**OW-05**					**$28,395**	**$30,000**
4.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
4.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
4.3	Asphalt	300	SY	$ 35	$ 10,500.00		
5	**OW-06**					**$28,395**	**$30,000**
5.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
5.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
5.3	Asphalt	300	SY	$ 35	$ 10,500.00		
6	**OW-07**					**$9,465**	**$10,000**
6.1	Catch Basin Insert	1	EA	$ 965	$ 965.00		
6.2	Deep-Sump Catch Basin	1	EA	$ 5,000	$ 5,000.00		
6.3	Asphalt	100	SY	$ 35	$ 3,500.00		
7	**OW-08**					**$18,930**	**$20,000**
7.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
7.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
7.3	Asphalt	200	SY	$ 35	$ 7,000.00		

Costs Based on Design:
Deep-Sump Catch Basin and Catch Basin Inserts

8	**OW-10**					**$18,930**	**$20,000**
8.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
8.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
8.3	Asphalt	200	SY	$ 35	$ 7,000.00		
9	**OW-18**					**$94,650**	**$95,000**
9.1	Catch Basin Insert	10	EA	$ 965	$ 9,650.00		
9.2	Deep-Sump Catch Basin	10	EA	$ 5,000	$ 50,000.00		
9.3	Asphalt	1000	SY	$ 35	$ 35,000.00		
10	**OE-01**					**$123,045**	**$125,000**
10.1	Catch Basin Insert	13	EA	$ 965	$ 12,545.00		
10.2	Deep-Sump Catch Basin	13	EA	$ 5,000	$ 65,000.00		
10.3	Asphalt	1300	SY	$ 35	$ 45,500.00		
11	**OE-02**					**$18,930**	**$20,000**
11.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
11.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
11.3	Asphalt	200	SY	$ 35	$ 7,000.00		
12	**OE-03**					**$9,465**	**$10,000**
12.1	Catch Basin Insert	1	EA	$ 965	$ 965.00		
12.2	Deep-Sump Catch Basin	1	EA	$ 5,000	$ 5,000.00		
12.3	Asphalt	100	SY	$ 35	$ 3,500.00		
13	**OE-04**					**$18,930**	**$20,000**
13.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
13.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
13.3	Asphalt	200	SY	$ 35	$ 7,000.00		
14	**OE-06**					**$94,650**	**$95,000**
14.1	Catch Basin Insert	10	EA	$ 965	$ 9,650.00		
14.2	Deep-Sump Catch Basin	10	EA	$ 5,000	$ 50,000.00		
14.3	Asphalt	1000	SY	$ 35	$ 35,000.00		
15	**OE-07**					**$28,395**	**$30,000**
15.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
15.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
15.3	Asphalt	300	SY	$ 35	$ 10,500.00		
16	**OE-08**					**$18,930**	**$20,000**
16.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
16.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
16.3	Asphalt	200	SY	$ 35	$ 7,000.00		

Costs Based on Design:
Deep-Sump Catch Basin and Catch Basin Inserts

17	**OE-09**					**$28,395**	**$30,000**
17.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
17.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
17.3	Asphalt	300	SY	$ 35	$ 10,500.00		
18	**OE-10**					**$28,395**	**$30,000**
18.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
18.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
18.3	Asphalt	300	SY	$ 35	$ 10,500.00		
19	**OE-11**					**$18,930**	**$20,000**
19.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
19.2	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
19.3	Asphalt	200	SY	$ 35	$ 7,000.00		
20	**OE-12 and OE-17**					**$28,395**	**$30,000**
20.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
20.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
20.3	Asphalt	300	SY	$ 35	$ 10,500.00		
21	**OE-14**					**$198,765**	**$200,000**
21.1	Catch Basin Insert	21	EA	$ 965	$ 20,265.00		
21.2	Deep-Sump Catch Basin	21	EA	$ 5,000	$ 105,000.00		
21.3	Asphalt	2100	SY	$ 35	$ 73,500.00		
22	**OE-19**					**$37,860**	**$40,000**
22.1	Catch Basin Insert	4	EA	$ 965	$ 3,860.00		
22.2	Deep-Sump Catch Basin	4	EA	$ 5,000	$ 20,000.00		
22.3	Asphalt	400	SY	$ 35	$ 14,000.00		
23	**OE-21**					**$28,395**	**$30,000**
23.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
23.2	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
23.3	Asphalt	300	SY	$ 35	$ 10,500.00		

Engineers Estimate of Probable Construction Costs
Halifax Stormwater Assessment
Conceptual Designs
GHD Job #11110997

Item	Cost
12" HDPE Pipe	$ 65 Per Linear Foot
Asphalt	$ 35 Per Square Yard
Cultec Infiltration	$ 1,000 Per Cultec Unit
Surface Treatment	$ 200 Per SY
Catch Basin Insert	$ 965 Per Unit
Settling Tank	$ 7,500 Per Unit
Leaching Pits	$ 4,000 Per Unit
Drain Manhole	$ 5,000 Per Unit
Deep-Sump Catch Basin	$ 5,000 Per Unit

CONCEPTUAL DESIGNS CONSTRUCTION COSTS	$1,936,000

Item #	Description	Quantity	Units	Unit Cost	Item Cost	Group Subtotal	Rounded to Nearest $5,000
1	**OW-01 and OE-18**					**$93,240**	**$95,000**
1.1	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000		
1.2	Drain Manhole	1	EA	$ 5,000	$ 5,000		
1.3	Infiltration Area (Cultec 330XLHD)	18	EA	$ 1,000	$ 18,000		
1.4	12" HDPE Drainage Pipe	132	LF	$ 65	$ 8,580		
1.5	Asphalt	1476	SY	$ 35	$ 51,660		
2	**OW-02 and OW-03**					**$120,865**	**$120,000**
2.1	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000		
2.2	Drain Manhole	1	EA	$ 5,000	$ 5,000		
2.3	Infiltration Area (Cultec 330XLHD)	30	EA	$ 1,000	$ 30,000		
2.4	12" HDPE Drainage Pipe	93	LF	$ 65	$ 6,045		
2.5	Asphalt	1852	SY	$ 35	$ 64,820		
3	**OW-04**					**$90,650**	**$90,000**
3.1	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000		
3.2	Drain Manhole	2	EA	$ 5,000	$ 10,000		
3.3	Infiltration Area (Cultec 902HD)	14	EA	$ 1,000	$ 14,000		
3.4	12" HDPE Drainage Pipe	122	LF	$ 65	$ 7,930		
3.5	Asphalt	1392	SY	$ 35	$ 48,720		
4	**OW-05**					**$88,885**	**$90,000**
4.1	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000		
4.2	Drain Manhole	1	EA	$ 5,000	$ 5,000		
4.3	Settling Tank	1	EA	$ 7,500	$ 7,500		
4.4	Infiltration Area (Cultec 902HD)	18	EA	$ 1,000	$ 18,000		
4.5	12" HDPE Drainage Pipe	32	LF	$ 65	$ 2,080		
4.6	Asphalt	1323	SY	$ 35	$ 46,305		

5	**OW-06**					**$127,700**	**$130,000**
5.1	Deep-Sump Catch Basin	1	EA	$	5,000	$ 5,000	
5.2	Drain Manhole	2	EA	$	5,000	$ 10,000	
5.3	Settling Tank	1	EA	$	7,500	$ 7,500	
5.4	Infiltration Area (Cultec 330XLHD)	32	EA	$	1,000	$ 32,000	
5.5	12" HDPE Drainage Pipe	67	LF	$	65	$ 4,355	
5.6	Asphalt	1967	SY	$	35	$ 68,845	
6	**OW-07**					**$38,080**	**$40,000**
6.1	Deep-Sump Catch Basin	1	EA	$	5,000	$ 5,000	
6.2	Infiltration Area (Cultec 330XLHD)	12	EA	$	1,000	$ 12,000	
6.3	12" HDPE Drainage Pipe	12	LF	$	65	$ 780	
6.4	Asphalt	580	SY	$	35	$ 20,300	
7	**OW-08**					**$104,175**	**$105,000**
7.1	Deep-Sump Catch Basin	2	EA	$	5,000	$ 10,000.00	
7.2	Drain Manhole	1	EA	$	5,000	$ 5,000.00	
7.3	Infiltration Area (Cultec 330XLHD)	32	EA	$	1,000	$ 32,000.00	
7.4	12" HDPE Drainage Pipe	31	LF	$	65	$ 2,015.00	
7.5	Asphalt	1576	SY	$	35	$ 55,160	
8	**OW-10**					**$85,050**	**$85,000**
8.1	Deep-Sump Catch Basin	2	EA	$	5,000	$ 10,000.00	
8.2	Drain Manhole	1	EA	$	5,000	$ 5,000.00	
8.3	Infiltration Area (Cultec 330XLHD)	20	EA	$	1,000	$ 20,000.00	
8.4	12" HDPE Drainage Pipe	70	LF	$	65	$ 4,550.00	
8.5	Asphalt	1300	SY	$	35	$ 45,500	
9	**OW-18**					**$139,190**	**$140,000**
9.1	Deep-Sump Catch Basin	3	EA	$	5,000	$ 15,000.00	
9.2	Infiltration Area (Cultec 902HD)	24	EA	$	1,000	$ 24,000.00	
9.3	12" HDPE Drainage Pipe	290	LF	$	65	$ 18,850.00	
9.4	Asphalt	2324	SY	$	35	$ 81,340	
10	**OE-01 (Two Systems)**					**$233,195**	**$235,000**
10.1	Deep-Sump Catch Basin	3	EA	$	5,000	$ 15,000.00	
10.2	Drain Manhole	2	EA	$	5,000	$ 10,000.00	
10.3	Settling Tank	1	EA	$	7,500	$ 7,500.00	
10.4	Infiltration Area (Cultec 330XLHD)	60	EA	$	1,000	$ 60,000.00	
10.5	12" HDPE Drainage Pipe	190	LF	$	65	$ 12,350.00	
10.6	Asphalt	3667	SY	$	35	$ 128,345	
11	**OE-02**					**$1,930**	**$2,000**
11.1	Catch Basin Insert	2	EA	$	965	$ 1,930.00	

12	OE-03							$965	$1,000
12.1	Catch Basin Insert	1	EA	$	965	$	965.00		

13	OE-04							$86,850	$85,000
13.1	Deep-Sump Catch Basin	1	EA	$	5,000	$	5,000.00		
13.2	Drain Manhole	1	EA	$	5,000	$	5,000.00		
13.3	Infiltration Area (Cultec 330XLHD)	30	EA	$	1,000	$	30,000.00		
13.4	12" HDPE Drainage Pipe	10	LF	$	65	$	650.00		
13.5	Asphalt	1320	SY	$	35	$	46,200		

14	OE-06							$86,310	$85,000
14.1	Deep-Sump Catch Basin	2	EA	$	5,000	$	10,000.00		
14.2	Drain Manhole	1	EA	$	5,000	$	5,000.00		
14.3	Infiltration Area (Cultec 330XLHD)	26	EA	$	1,000	$	26,000.00		
14.4	12" HDPE Drainage Pipe	10	LF	$	65	$	650.00		
14.5	Asphalt	1276	SY	$	35	$	44,660		

15	OE-07							$102,240	$100,000
15.1	Deep-Sump Catch Basin	2	EA	$	5,000	$	10,000.00		
15.2	Drain Manhole	1	EA	$	5,000	$	5,000.00		
15.3	Settling Tank	1	EA	$	7,500	$	7,500.00		
15.4	Infiltration Area (Cultec 902HD)	24	EA	$	1,000	$	24,000.00		
15.5	12" HDPE Drainage Pipe	31	LF	$	65	$	2,015.00		
15.6	Asphalt	1535	SY	$	35	$	53,725		

16	OE-08							$110,865	$110,000
16.1	Deep-Sump Catch Basin	2	EA	$	5,000	$	10,000.00		
16.2	Drain Manhole	1	EA	$	5,000	$	5,000.00		
16.3	Settling Tank	1	EA	$	7,500	$	7,500.00		
16.4	Infiltration Area (Cultec 330XLHD)	27	EA	$	1,000	$	27,000.00		
16.5	12" HDPE Drainage Pipe	40	LF	$	65	$	2,600.00		
16.6	Asphalt	1679	SY	$	35	$	58,765		

17	OE-09							$94,155	$95,000
17.1	Deep-Sump Catch Basin	2	EA	$	5,000	$	10,000.00		
17.2	Drain Manhole	2	EA	$	5,000	$	10,000.00		
17.3	Infiltration Area (Cultec 330XLHD)	18	EA	$	1,000	$	18,000.00		
17.4	12" HDPE Drainage Pipe	95	LF	$	65	$	6,175.00		
17.5	Asphalt	1428	SY	$	35	$	49,980		

18	**OE-10**					**$103,080**	**$105,000**
18.1	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
18.2	Drain Manhole	1	EA	$ 5,000	$ 5,000.00		
18.3	Infiltration Area (Cultec 330XLHD)	18	EA	$ 1,000	$ 18,000.00		
18.4	12" HDPE Drainage Pipe	180	LF	$ 65	$ 11,700.00		
18.5	Asphalt	1668	SY	$ 35	$ 58,380		
19	**OE-11**					**$1,930**	**$2,000**
19.1	Catch Basin Insert	2	EA	$ 965	$ 1,930.00		
20	**OE-12 and OE-17**					**$2,895**	**$3,000**
20.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		
21	**OE-14**					**$142,845**	**$145,000**
21.1	Deep-Sump Catch Basin	3	EA	$ 5,000	$ 15,000.00		
21.2	Drain Manhole	2	EA	$ 5,000	$ 10,000.00		
21.3	Settling Tank	1	EA	$ 7,500	$ 7,500.00		
21.4	Infiltration Area (Cultec 330XLHD)	30	EA	$ 1,000	$ 30,000.00		
21.5	12" HDPE Drainage Pipe	80	LF	$ 65	$ 5,200.00		
21.6	Asphalt	2147	SY	$ 35	$ 75,145		
22	**OE-19**					**$67,810**	**$70,000**
22.1	Deep-Sump Catch Basin	2	EA	$ 5,000	$ 10,000.00		
22.2	Drain Manhole	1	EA	$ 5,000	$ 5,000.00		
22.3	Infiltration Area (Cultec 902HD)	16	EA	$ 1,000	$ 16,000.00		
22.4	12" HDPE Drainage Pipe	30	LF	$ 65	$ 1,950.00		
22.5	Asphalt	996	SY	$ 35	$ 34,860		
23	**OE-21**					**$2,895**	**$3,000**
23.1	Catch Basin Insert	3	EA	$ 965	$ 2,895.00		

PRELIMINARY DESIGNS CONSTRUTION COSTS	$220,000

Costs Based on Design:
Preliminary Design Plans

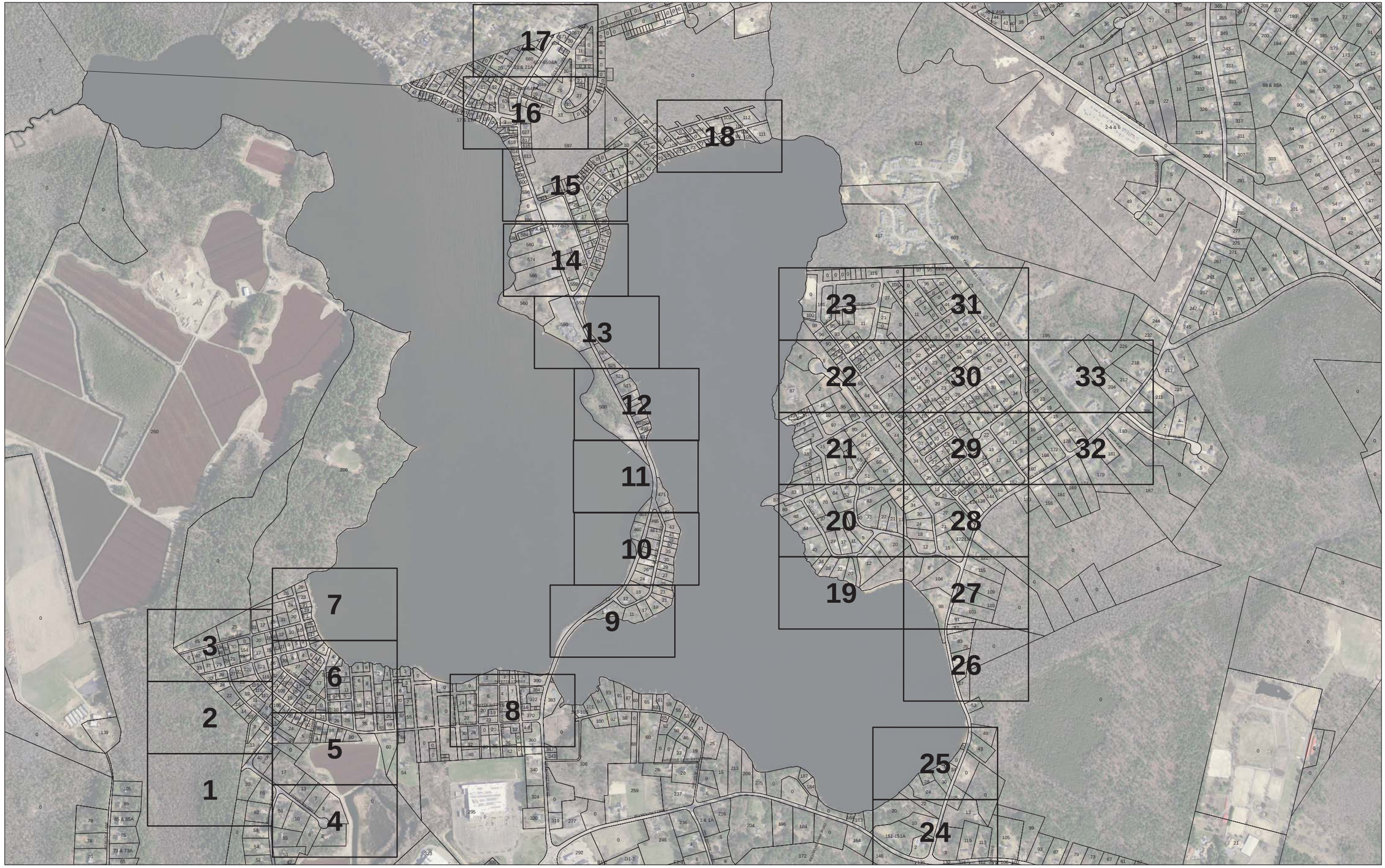
P1	OW-09					$75,780	$75,000
1.1	Deep-Sump Catch Basin	1	EA	$ 5,000	$ 5,000.00		
1.2	Drain Manhole	0	EA	$ 5,000	$ -		
1.3	Settling Tank	1	EA	$ 7,500	$ 7,500.00		
1.4	Infiltration Area (Cultec 330XLHD)	21	EA	$ 1,000	$ 21,000.00		
1.5	12" HDPE Drainage Pipe	147	LF	$ 65	$ 9,555.00		
1.6	Asphalt	935	SY	$ 35	$ 32,725		

P2	OW-16 System #1					$46,615	$45,000
2.1	Deep-Sump Catch Basin	0	EA	$ 5,000	$ -		
2.2	Drain Manhole	0	EA	$ 5,000	$ -		
2.3	Settling Tank	1	EA	$ 7,500	$ 7,500.00		
2.4	Leaching Pits	4	EA	$ 4,000	$ 16,000.00		
2.5	12" HDPE Drainage Pipe	46	LF	$ 65	$ 2,990.00		
2.6	Asphalt	575	SY	$ 35	$ 20,125		

P3	OW-16 System #2					$47,990	$50,000
3.1	Deep-Sump Catch Basin	0	EA	$ 5,000	$ -		
3.2	Drain Manhole	0	EA	$ 5,000	$ -		
3.3	Settling Tank	1	EA	$ 7,500	$ 7,500.00		
3.4	Leaching Pits	5	EA	$ 4,000	$ 20,000.00		
3.5	12" HDPE Drainage Pipe	13	LF	$ 65	$ 845.00		
3.6	Surface Treatment	55	SY	$ 200	$ 11,000.00		
3.7	Asphalt	247	SY	$ 35	$ 8,645		

P4	OW-19					$50,395	$50,000
4.1	Deep-Sump Catch Basin	0	EA	$ 5,000	$ -		
4.2	Drain Manhole	0	EA	$ 5,000	$ -		
4.3	Settling Tank	1	EA	$ 7,500	$ 7,500.00		
4.4	Infiltration Area (Cultec 330XLHD)	24	EA	$ 1,000	$ 24,000.00		
4.5	12" HDPE Drainage Pipe	50	LF	$ 65	$ 3,250.00		
4.6	Asphalt	447	SY	$ 35	$ 15,645		

2.
Map Book



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Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

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LEGEND

Tax Parcel

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK KEY MAP

Job Number	111
Revision	A
Date	20 Apr 2017

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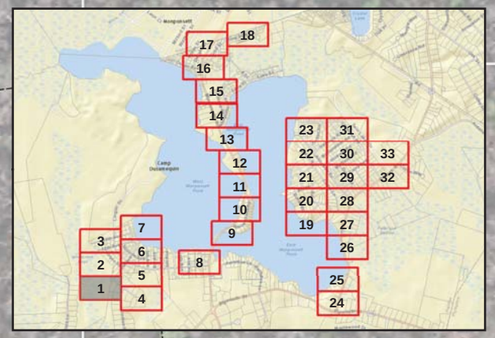

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Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

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LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
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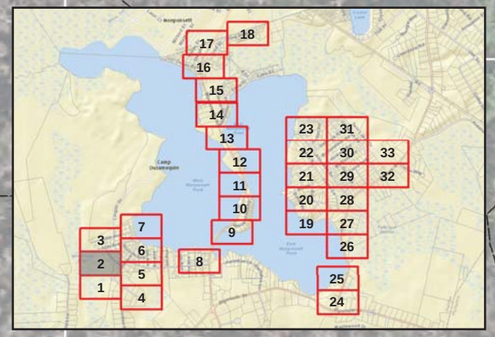

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LEGEND

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
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2

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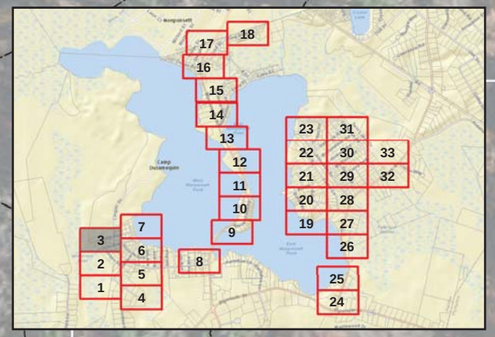

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LEGEND

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
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LEGEND

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

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LEGEND

Manhole
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Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

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LEGEND

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- Outfall

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TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

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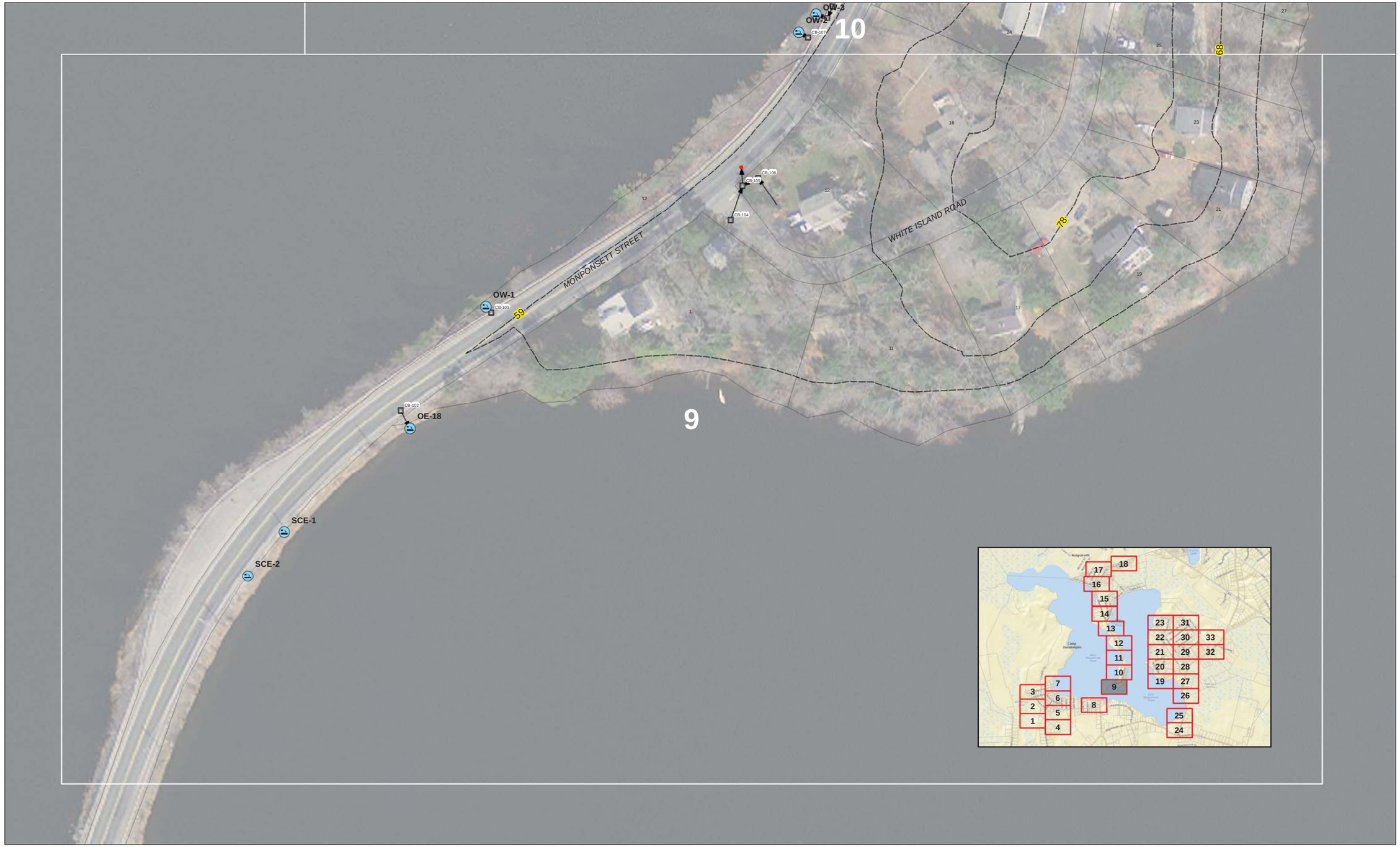

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LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 21 Apr 2017

9

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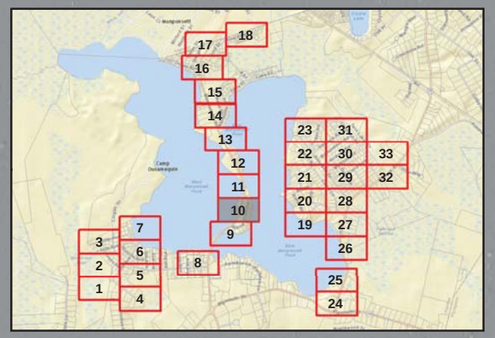

11

10

9

MONPONSETT STREET

WHITE ISLAND ROAD

68

68

59

68

78

OW-4

OW-3

OW-2

CB-112

CB-111

CB-110

CB-109

CB-108

CB-107

471

464

465

462

461

47

43

41

39

37

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25

24

23

16

12

0

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

GHD

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	20 Apr 2017

10

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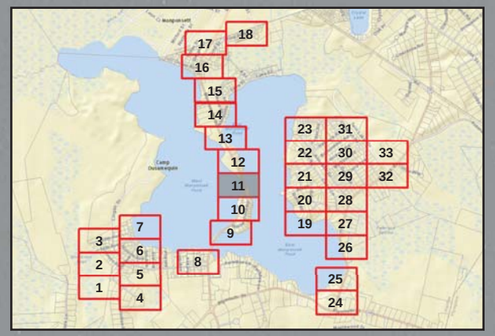

12

11

10

OW-7

OW-6

OW-5

CB-119

CB-118

CB-117

CB-116

CB-115

CB-114

CB-113

CB-112

MORPHISSET STREET

WHITE ISLAND ROAD

59

68

78

497

500

471

464

465

47

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

GHD

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	20 Apr 2017

11

G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 11.mxd

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13

12

11

MONPONSETT STREET

78

68

59

525

521

515

509

507

505

503

501

499

497

500

CB-124

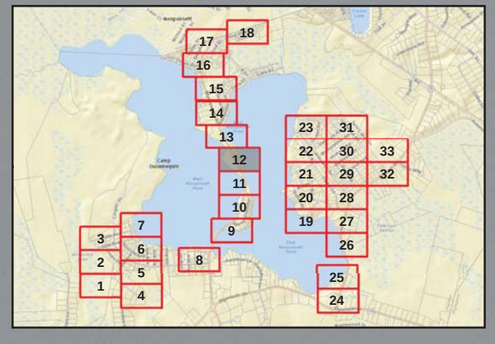
CB-125

CB-127

CB-122

CB-121

OW7



Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 20 Apr 2017

12

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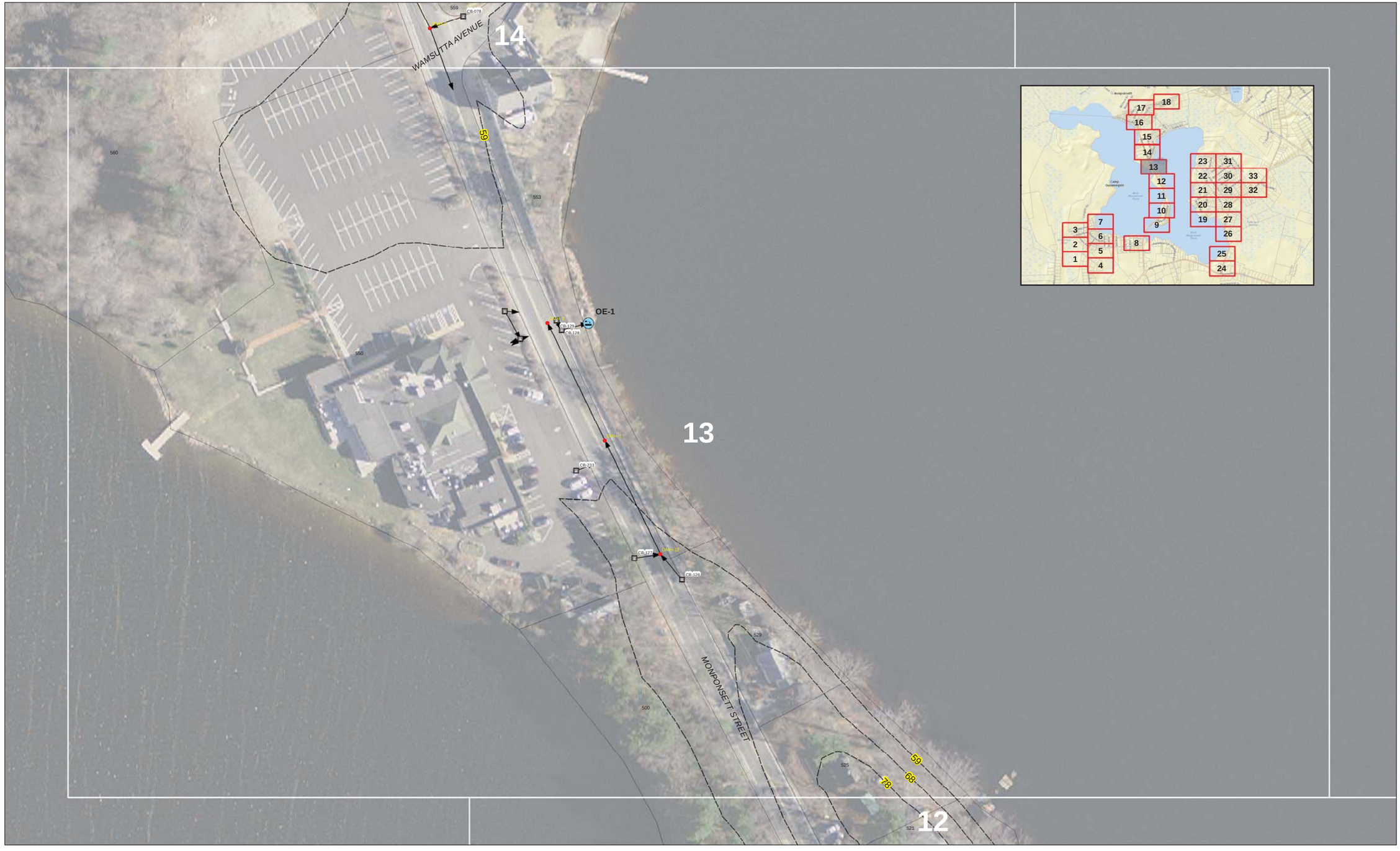

Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	20 Apr 2017

13

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Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

GHD

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	20 Apr 2017

14

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Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	20 Apr 2017

15

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Paper Size ARCH D

0 37.5 75 150 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 21 Apr 2017

16

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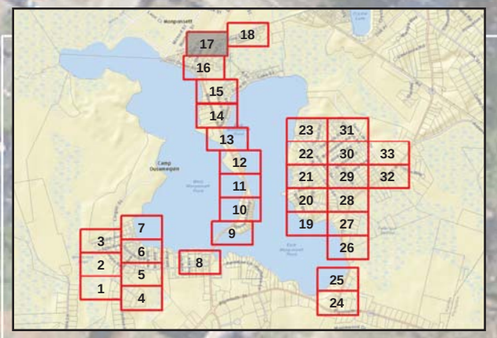

17

16

18

PINE STREET NORTH

BOW STREET

DWIGHT STREET

UPTON STREET

MONPONSETT STREET

GOLD STREET

68

59

CB-150

CB-148

CB-149

CB-147

1045

1067

671

664

660

657-659&A

649

645-645A

21 & 21A

Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 21 Apr 2017

17

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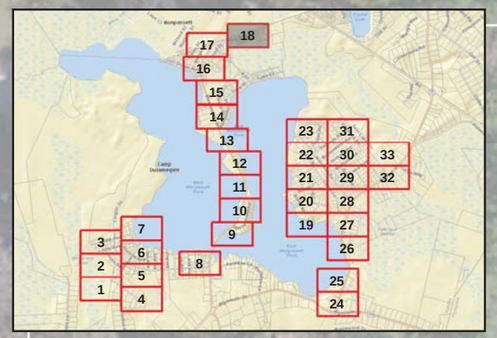

18

SNOW STREET

PINE STREET NORTH

17

68

59

Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

18

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Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

19

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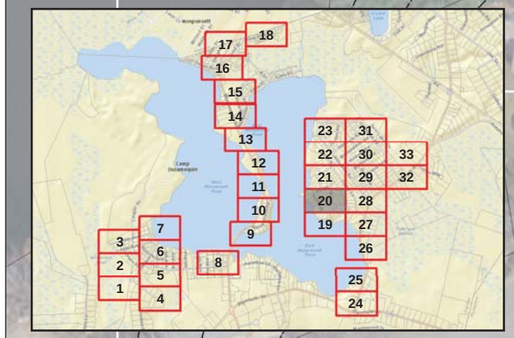

21

20

19

27

28

29

BAKER COURT

BAKER STREET

RIDGE ROAD EX

RIDGE ROAD

CEDAR LANE

CB-070

CB-066

CB-072

CB-071

CB-073

CB-075

CB-074

CB-077

CB-076

OE-19

OE-7

OE-8

59

68

78

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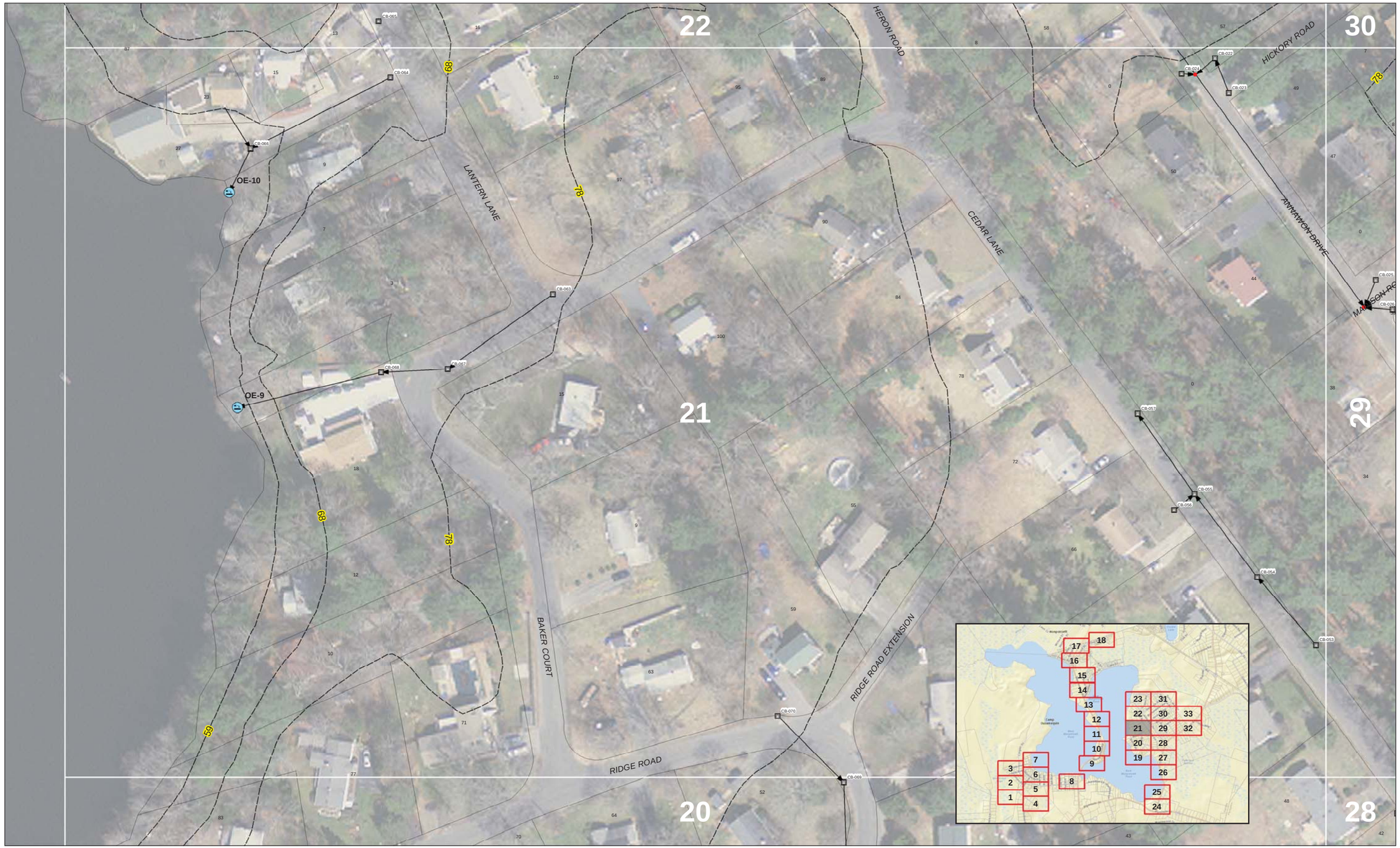

Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

21

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Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

22

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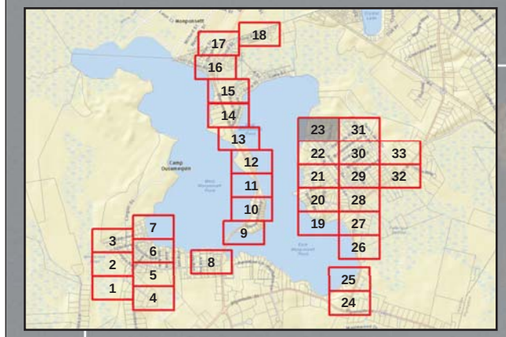

OE-13

OE-14

CB-003

CB-004

CB-005

CB-002

CB-001

CHESTNUT ROAD

WILLOW ROAD

JORDAN ROAD

POPLAR ROAD

ANNAWON DRIVE

HEMLOCK ROAD

23

31

22

30

68

59

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 21 Apr 2017

23

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Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

24

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Paper Size ARCH D

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1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

GHD

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

25

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Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 21 Apr 2017

26

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Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

27

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180 Lonsdale Street Melbourne VIC 3000 Australia **T** 61 3 8687 8000 **F** 61 3 8687 8111 **E** melmail@ghd.com **W** www.ghd.com

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

GHD

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

28

G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 28.mxd

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Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:ccurtin

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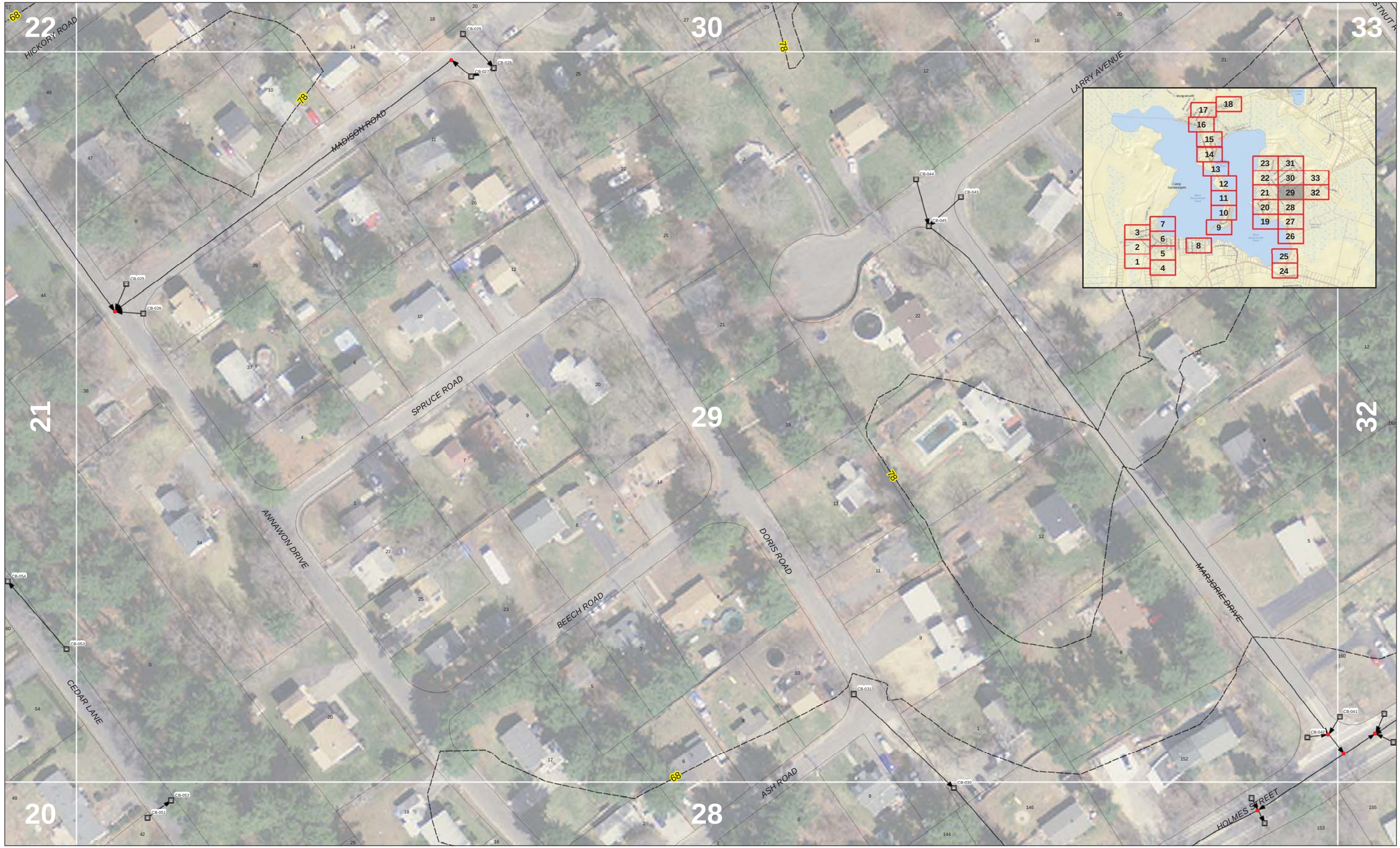

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

29

G:\111\1110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 29.mxd

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Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:ccurtin

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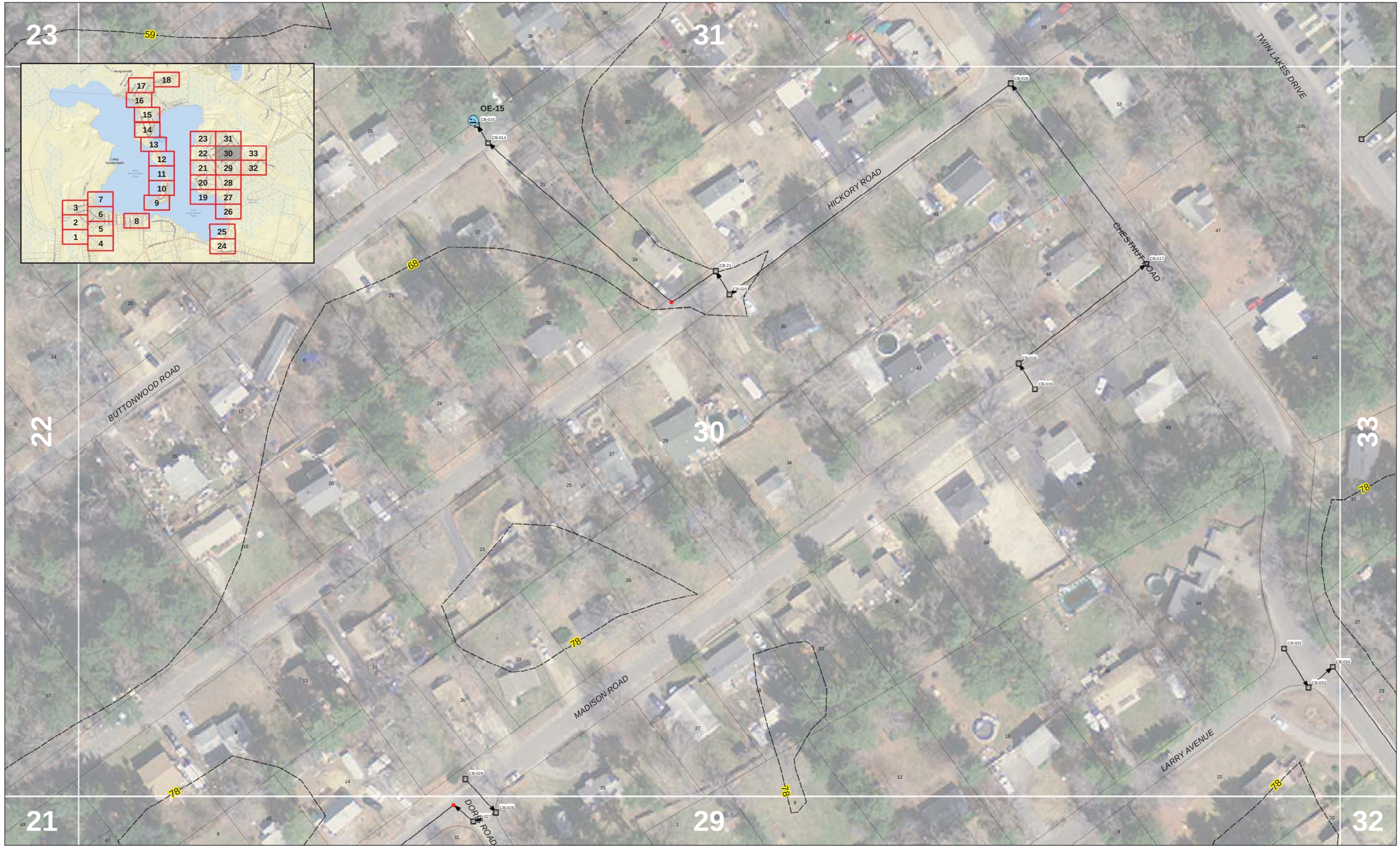

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

30

G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 30.mxd

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Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:ccurtin

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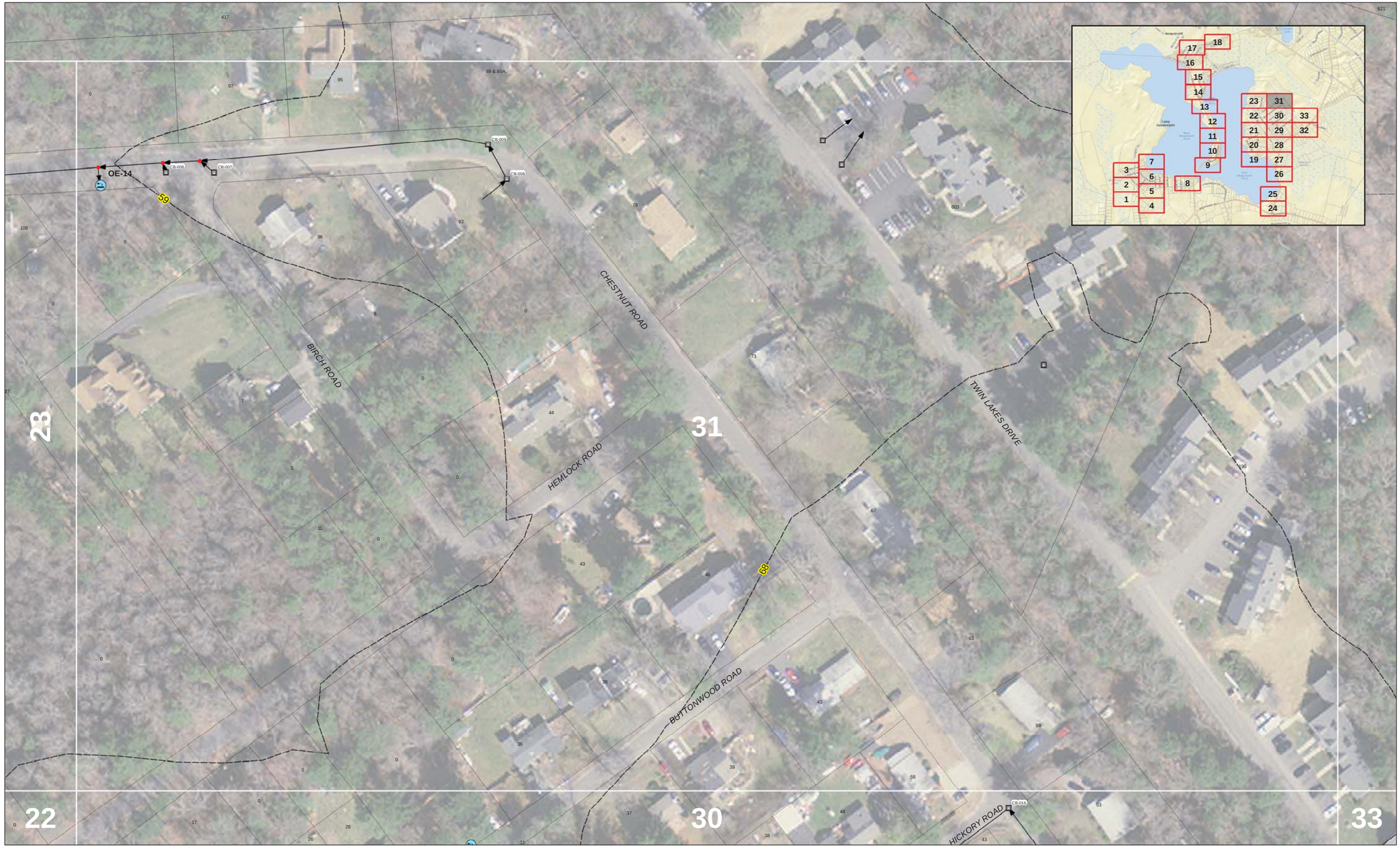

Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

31

G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 31.mxd

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Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:ccurtin

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Paper Size ARCH D

0 40 80 160 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

Manhole
Catch Basin
Stormwater Pipe
M118TaxPar
Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number 111
Revision A
Date 21 Apr 2017

32

G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 32.mxd

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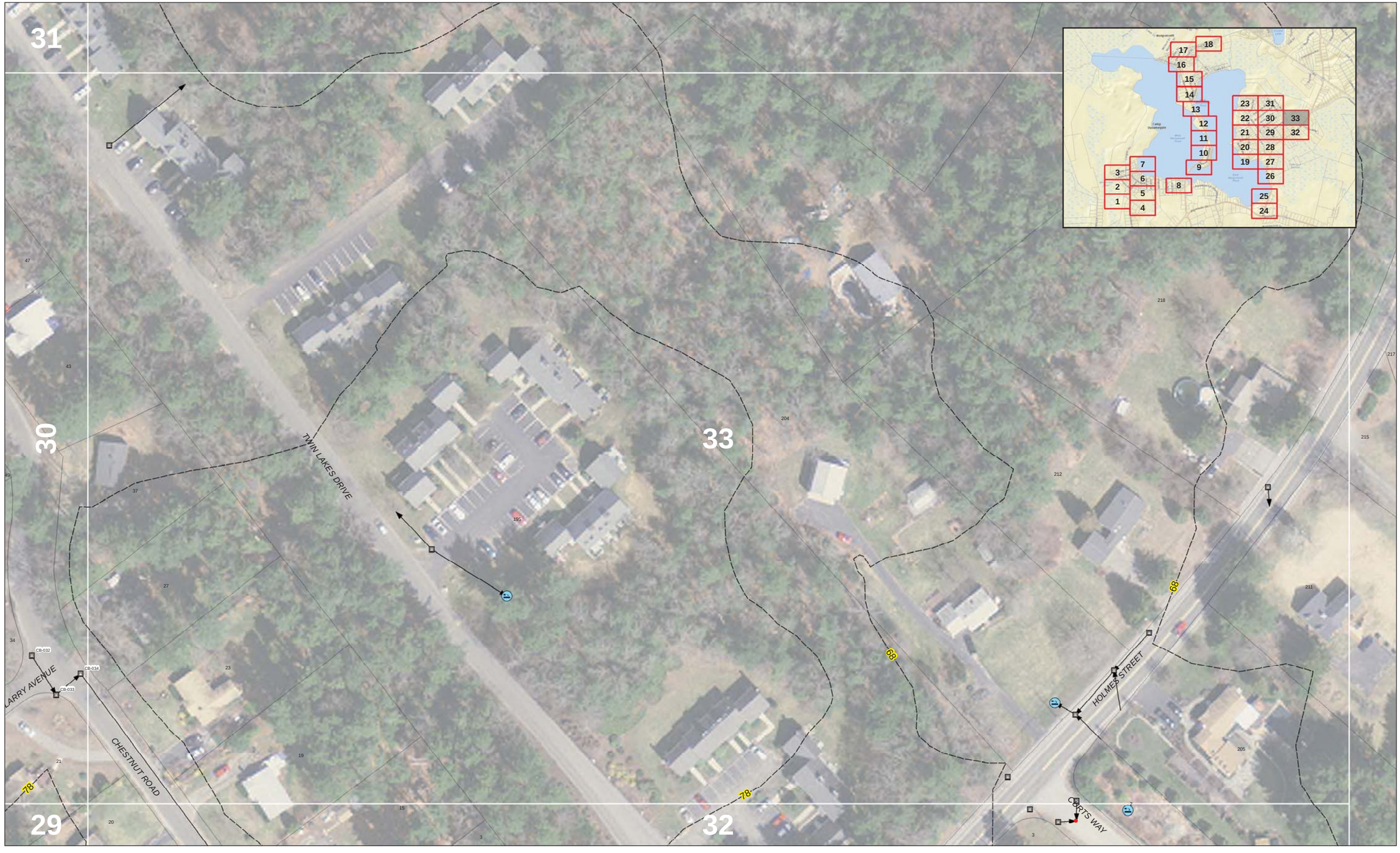
Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:ccurtin

180 Lonsdale Street Melbourne VIC 3000 Australia T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com W www.ghd.com



Paper Size ARCH D

0 37.5 75 150 Feet

1 inch = 40 feet

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

N

LEGEND

- Manhole
- Catch Basin
- Stormwater Pipe
- M118TaxPar
- Outfall

TOWN OF HALIFAX, MASSACHUSETTS
STORMWATER MAPPING

BLOCK MAP

Job Number	111
Revision	A
Date	21 Apr 2017

33

G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\GIS\Maps\MXD_Deliverables\Block Maps\BLOCK MAP 33.mxd

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Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:ccurtin

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3.
Map of Drainage Areas

N

0 260 520 1,040 Feet

1 inch = 260 feet

Legend

- Outfalls
- Drain Manhole
- Catch_Basin
- Stormwater Pipe
- Tax Parcel
- Drainage Area

TOWN OF HANSON

TOWN OF HALIFAX

West Lake

East Lake

OW-10
OW-11
OW-12
OW-13
OW-14
OW-15
OW-9
OW-8
OW-7
OW-6
OW-5
OW-4
OW-3
OW-2
OW-1
OE-18
OE-1
OE-2
OE-3
OE-5
OE-4
OE-6
OE-7
OE-8
OE-9
OE-10
OE-17
OE-12
OE-11
OE-13
OE-14
OE-15
OE-16

4.
Catch Basin Forms

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 001

Location
- ☐ Easement / Cross Country
- ☑ Road: Annawon Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

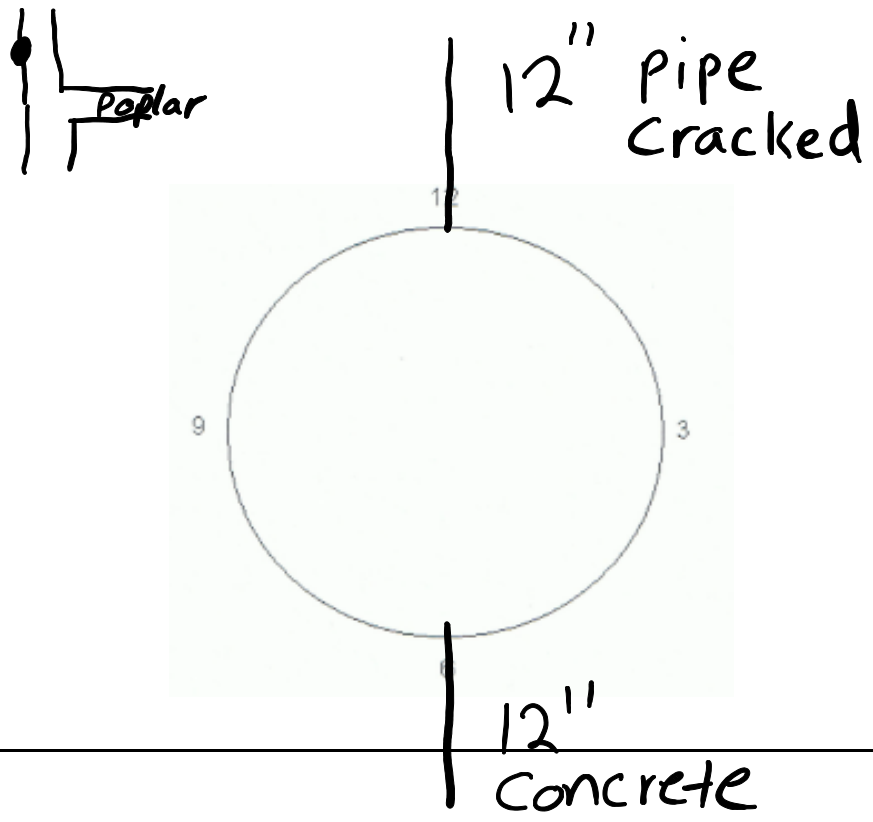
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 002

Location
- ☐ Easement / Cross Country
- ☐ Road: Annawon Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Clogged pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

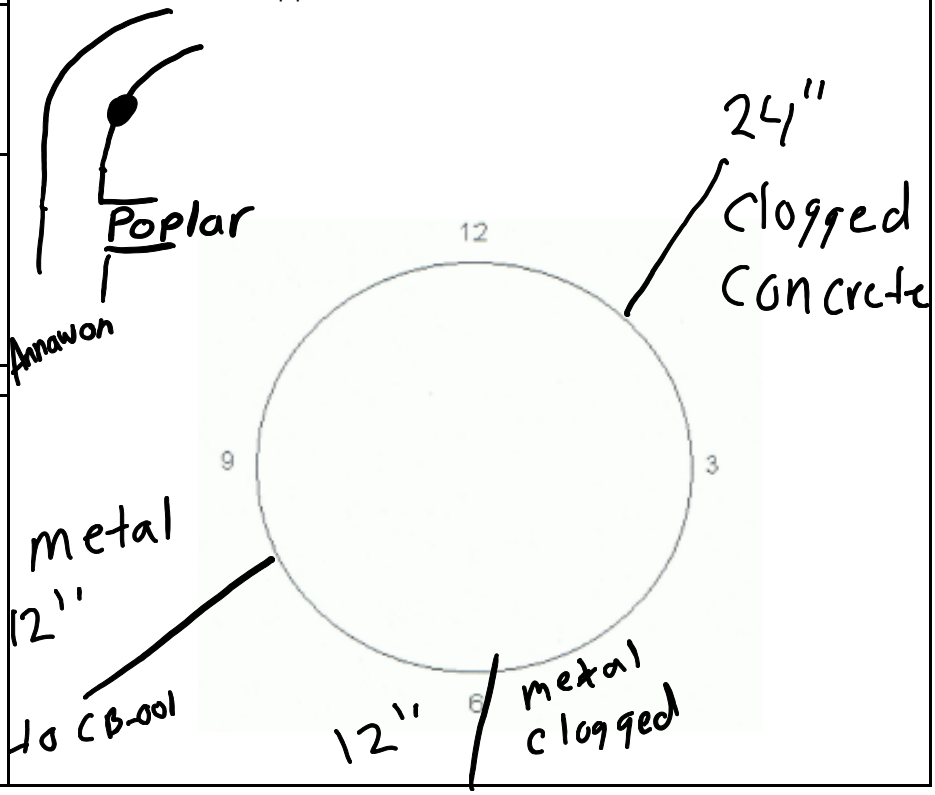
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 003

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure 4
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: Cracked pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

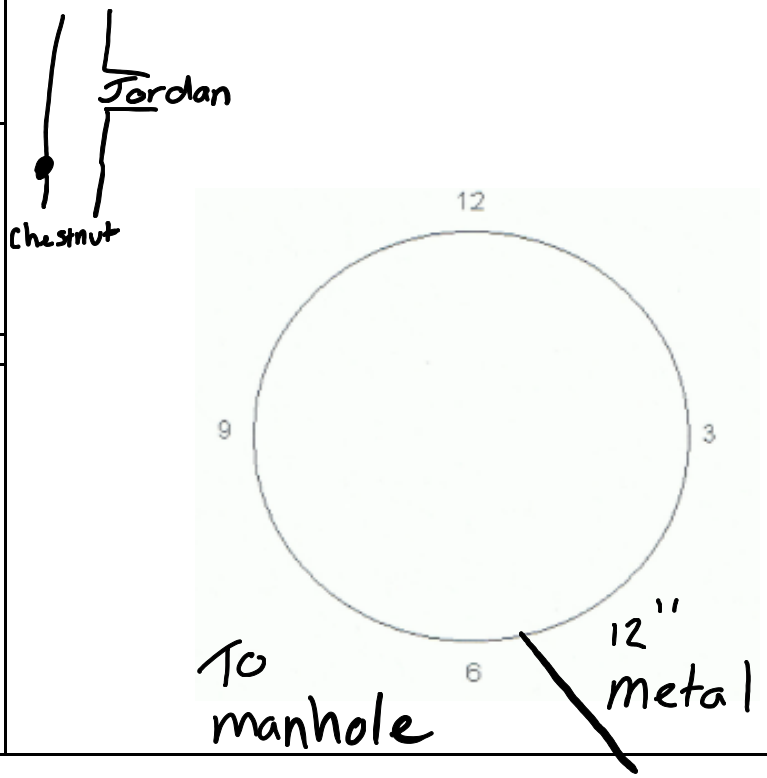
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 004

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

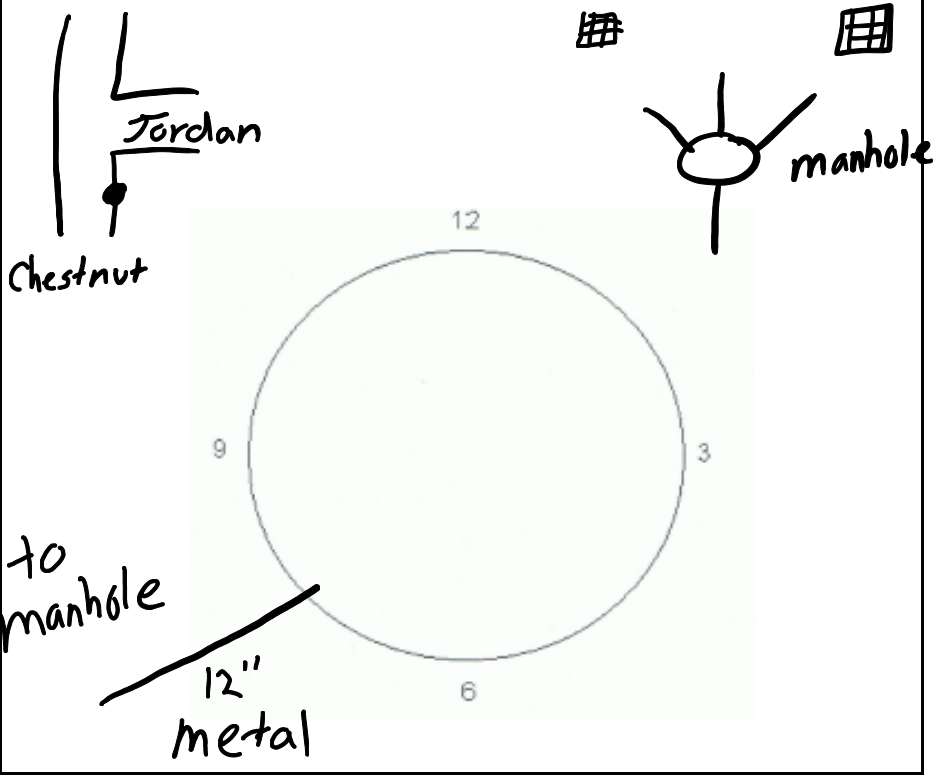
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 005

Location
- ☐ Easement / Cross Country
- ☐ Road: Jordan Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

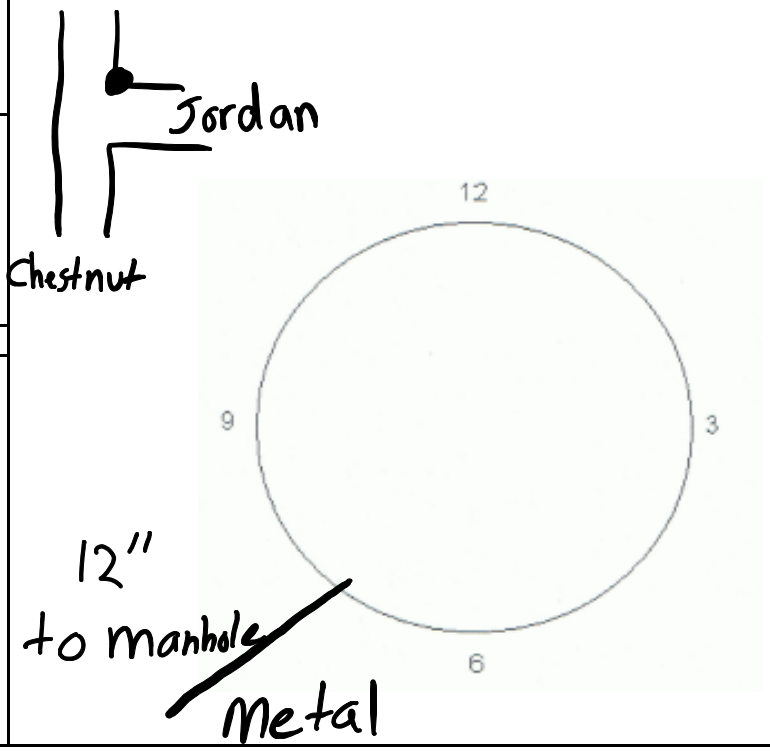
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 006

Location
- ☐ Easement / Cross Country
- ☐ Road: Birch Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☑ Cracked
- ☐ Other: Cracked Pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

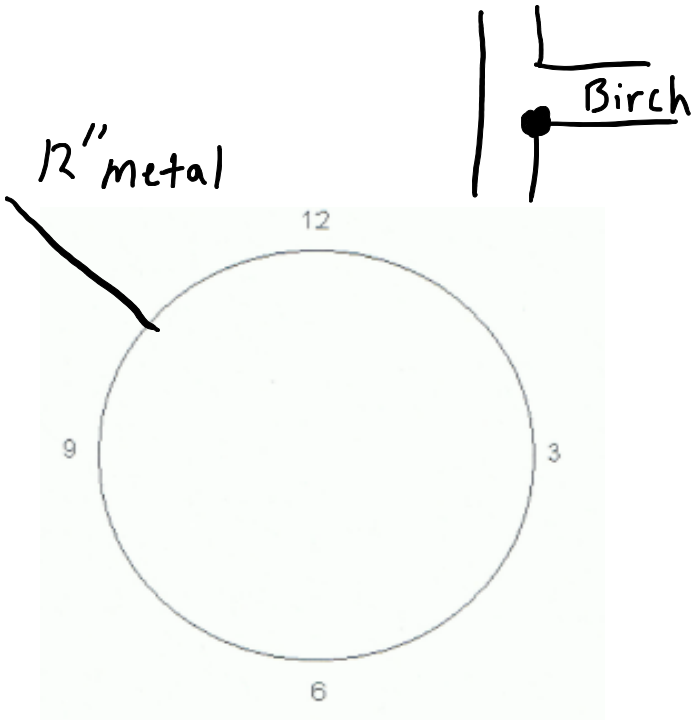
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 007

Location
- ☐ Easement / Cross Country
- ☐ Road: Birch Road
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size: _____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged — missing part of grate on end
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe E**

Invert Depth From Top of Rim:

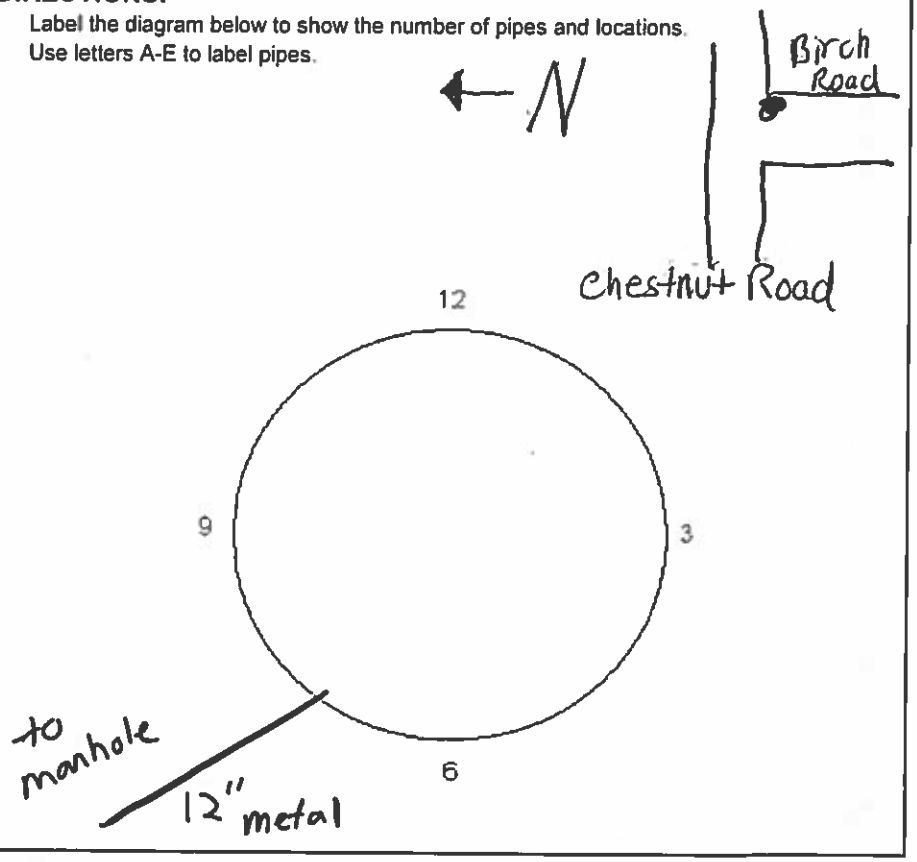
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Pipe deformed

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 008

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged - Lots of water
- ☐ Cracked
- ☐ Other: - Deformed pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

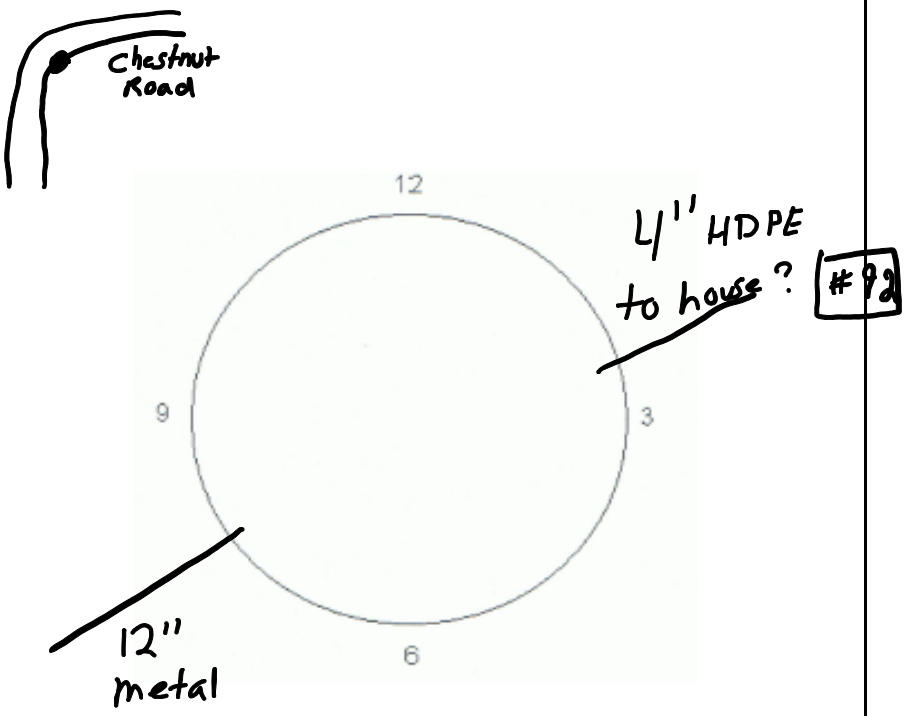
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 009

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

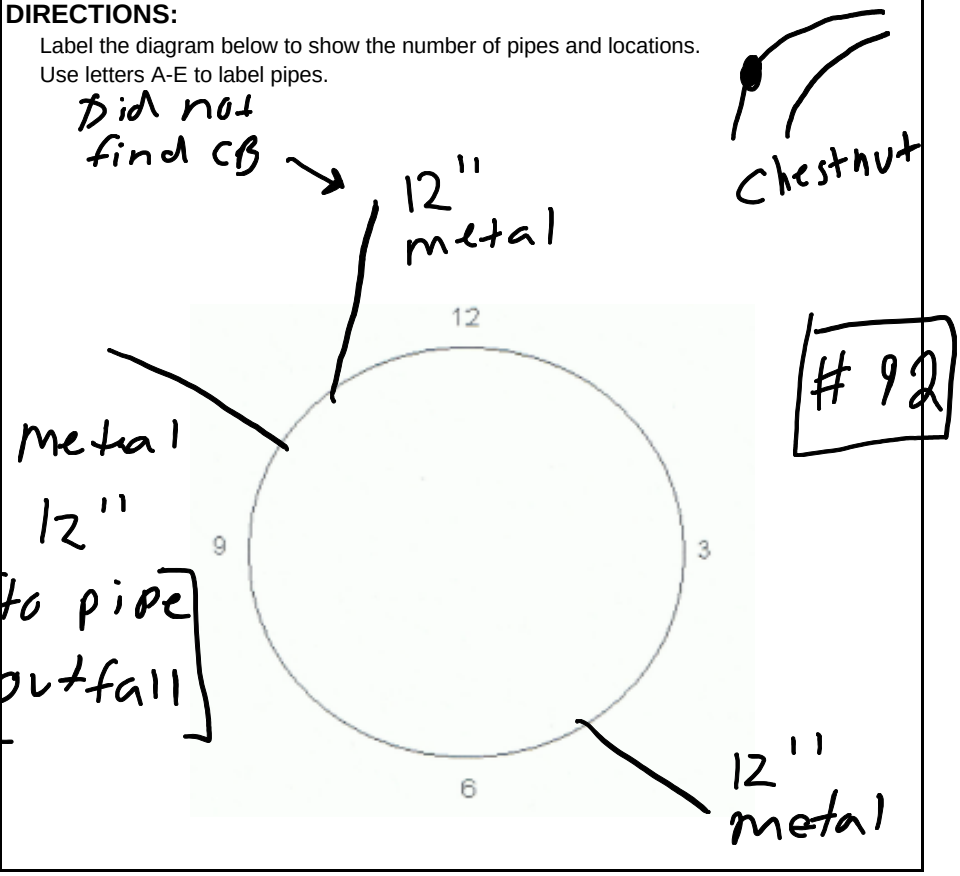
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 0010

Location
- ☐ Easement / Cross Country
- ☐ Road: Hemlock Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

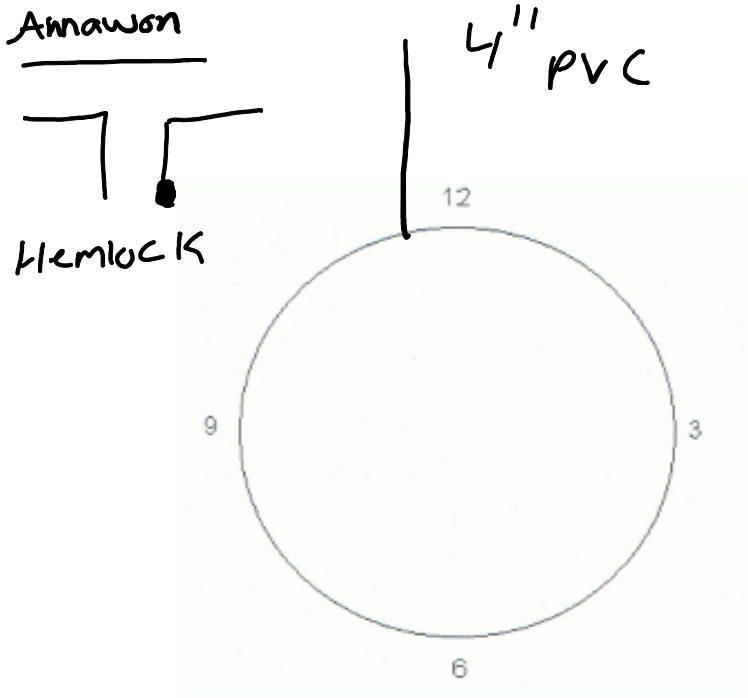
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Newer structure to help with drainage

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 011

Location
- ☐ Easement / Cross Country
- ☐ Road: Hemlock Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

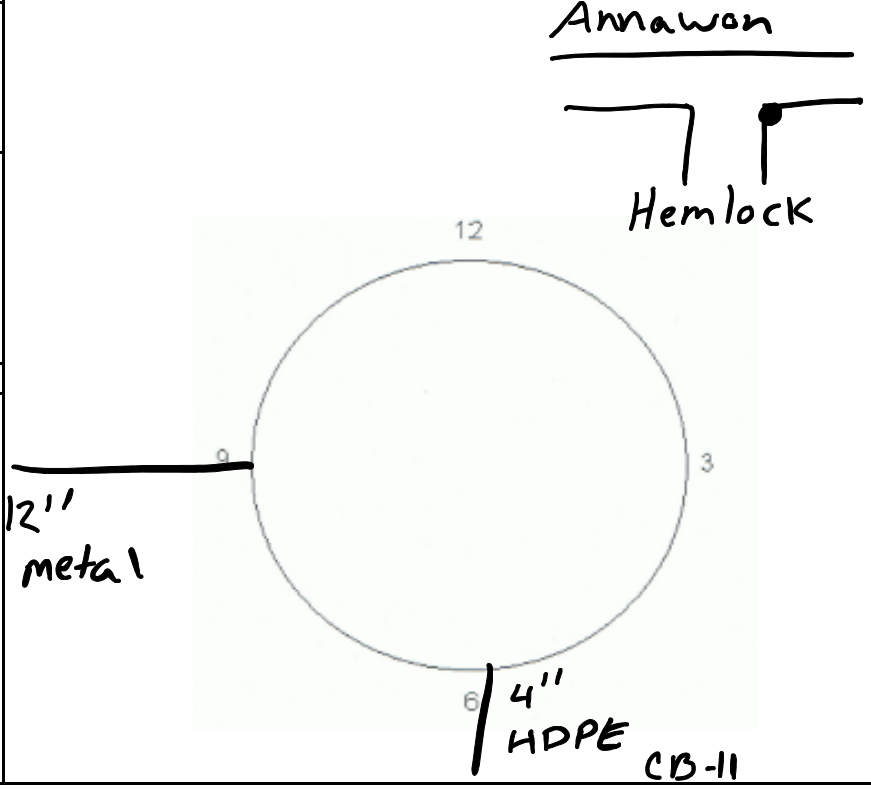
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 012

Location
- ☐ Easement / Cross Country
- ☐ Road: Annawon Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

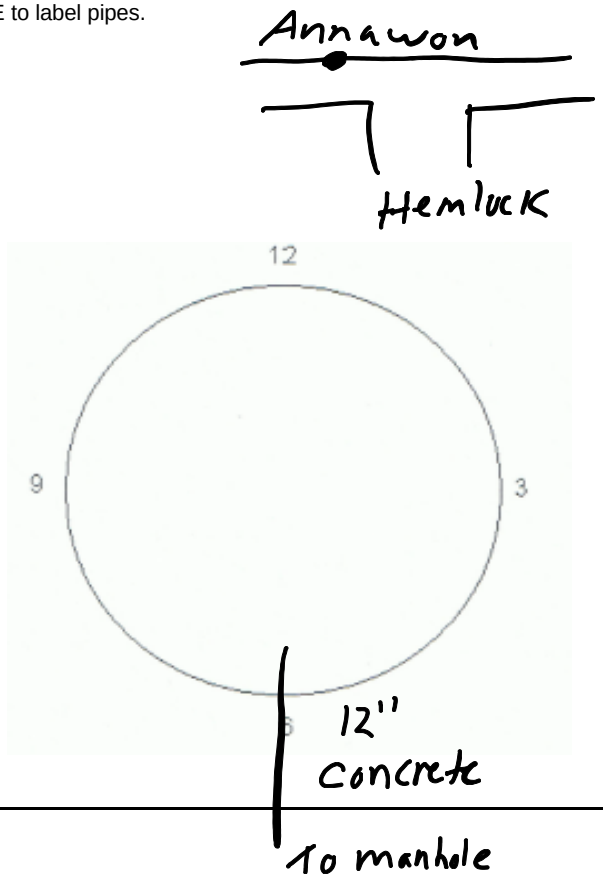
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 013

Location
- ☐ Easement / Cross Country
- ☐ Road: Annawon Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: Lots of Sediment

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

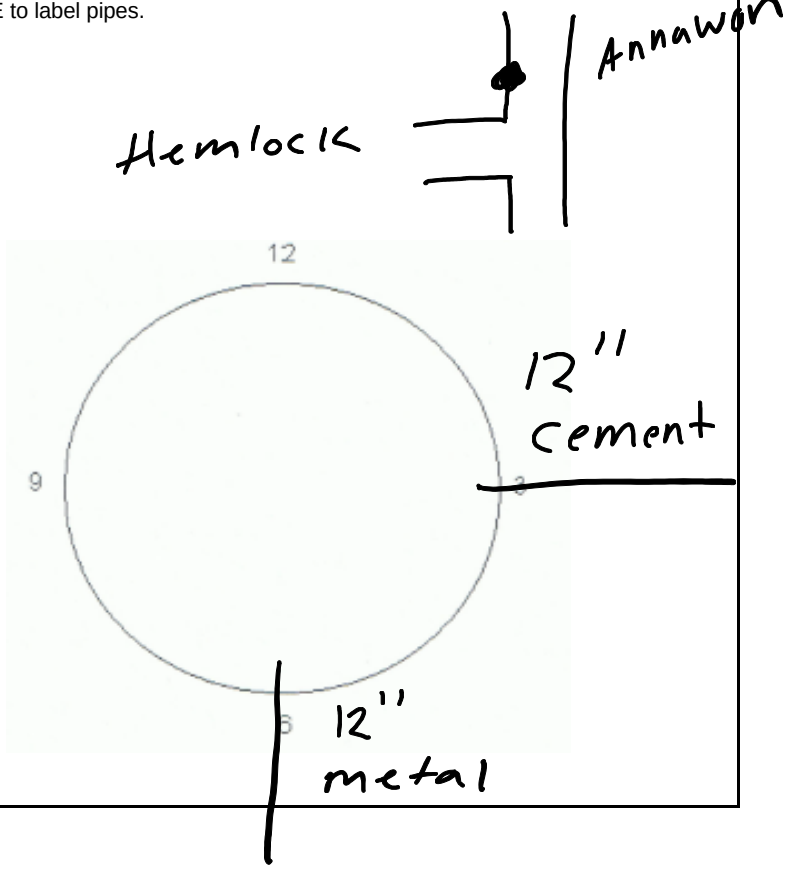
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 014

Location
- ☐ Easement / Cross Country
- ☐ Road: Buttonwood
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

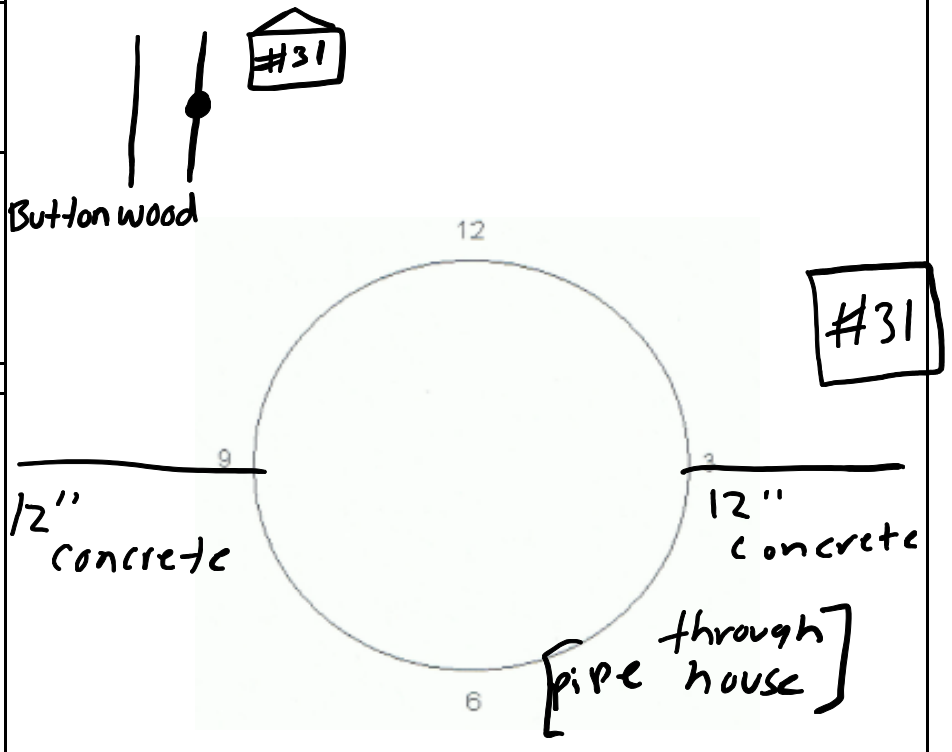
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 015

Location
- ☐ Easement / Cross Country
- ☐ Road: Buttonwood
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

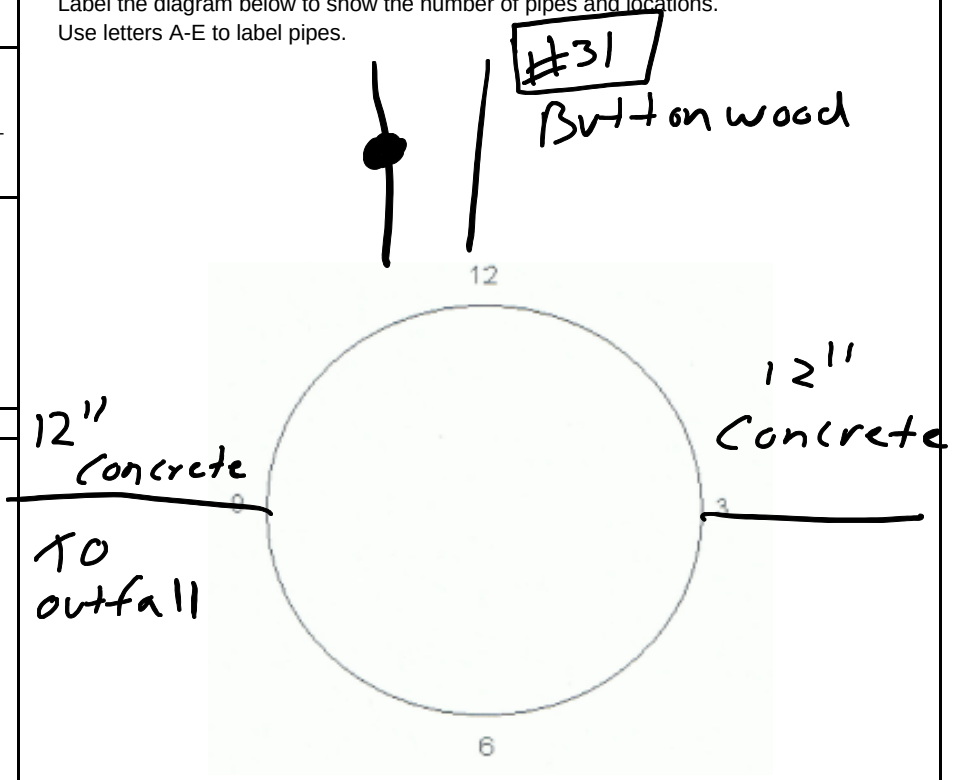
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 016

Location
- ☐ Easement / Cross Country
- ☐ Road: Hickory Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Cracked Pipe

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

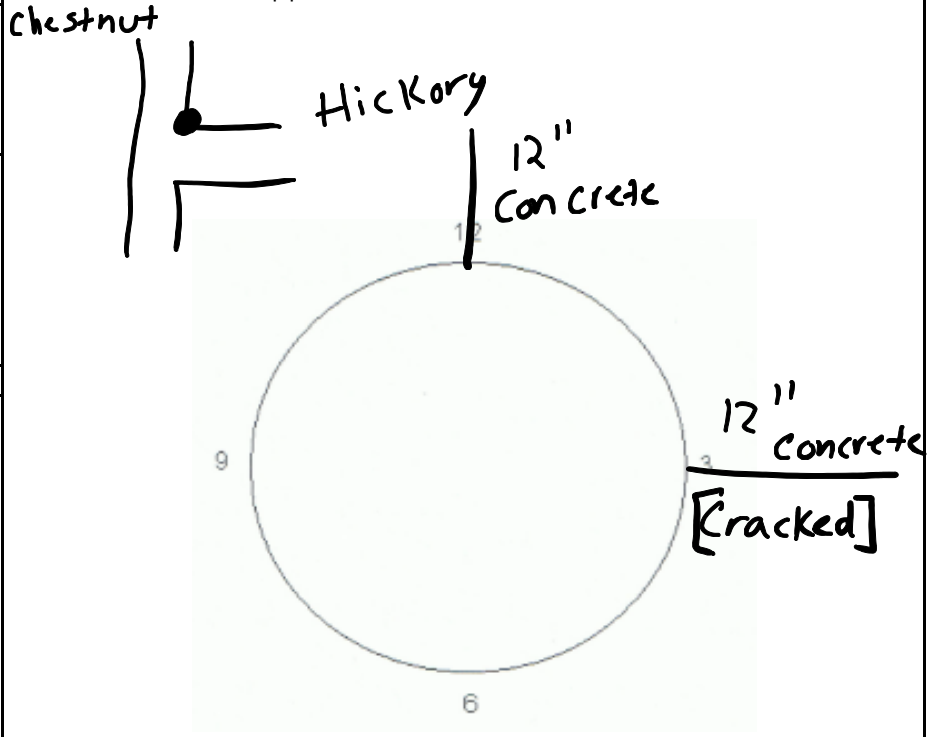
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 017

Location
- ☐ Easement / Cross Country
- ☐ Road: Madison Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged — Damaged near top
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

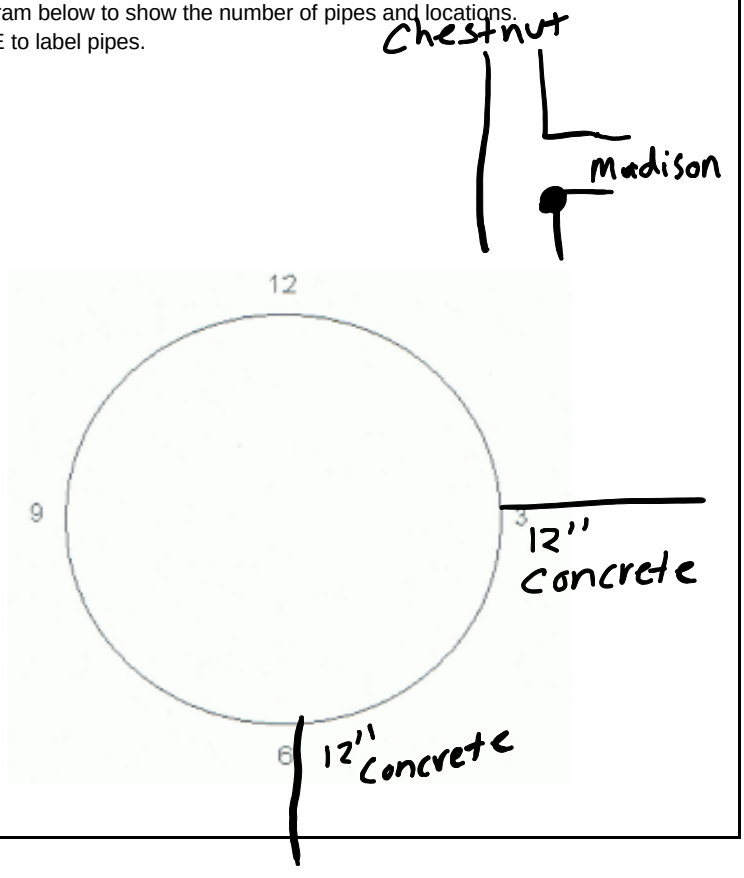
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 018

Location
- ☐ Easement / Cross Country
- ☐ Road: Madison Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged — Little Damage on top
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

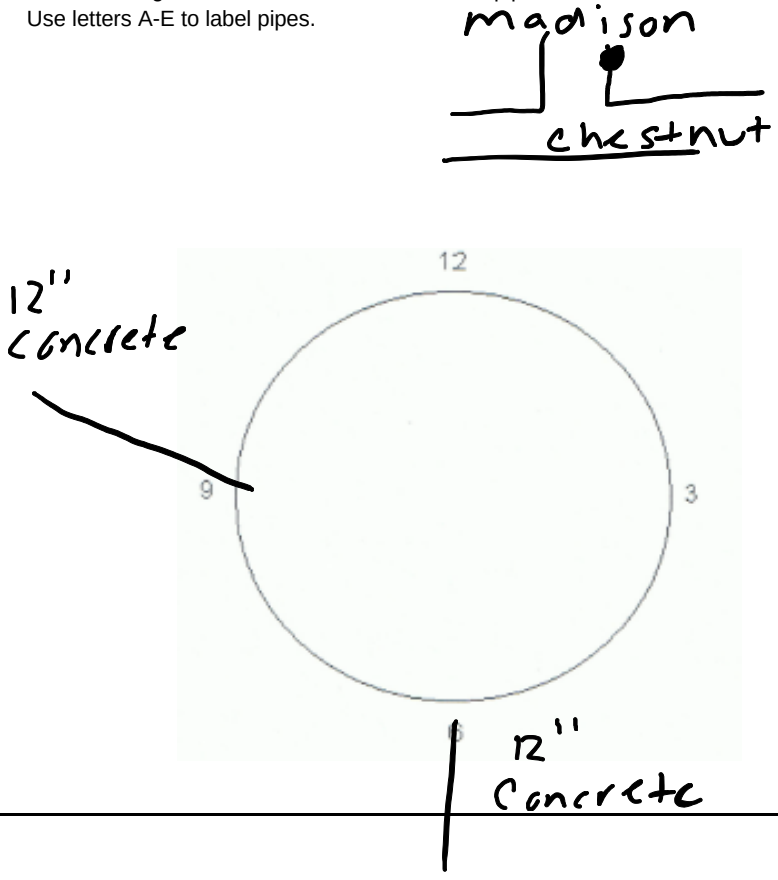
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 019

Location
- ☐ Easement / Cross Country
- ☐ Road: Madison Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

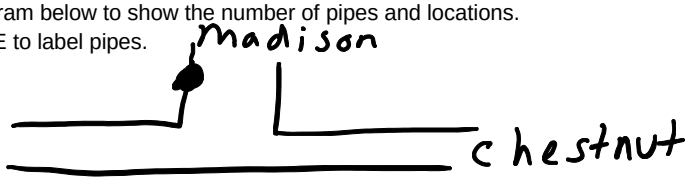
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

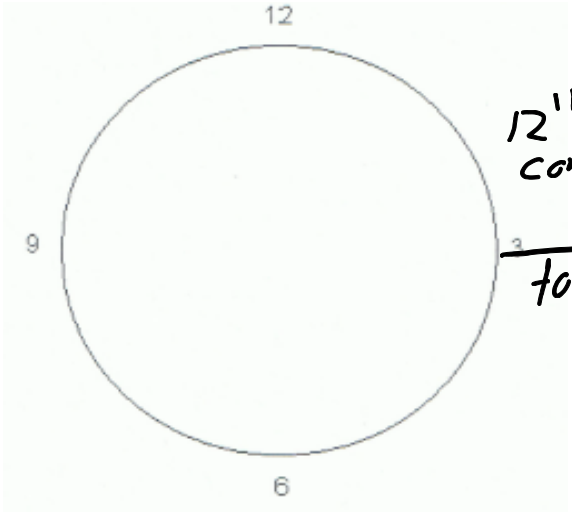
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 020

Location
- ☐ Easement / Cross Country
- ☐ Road: Hickory Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

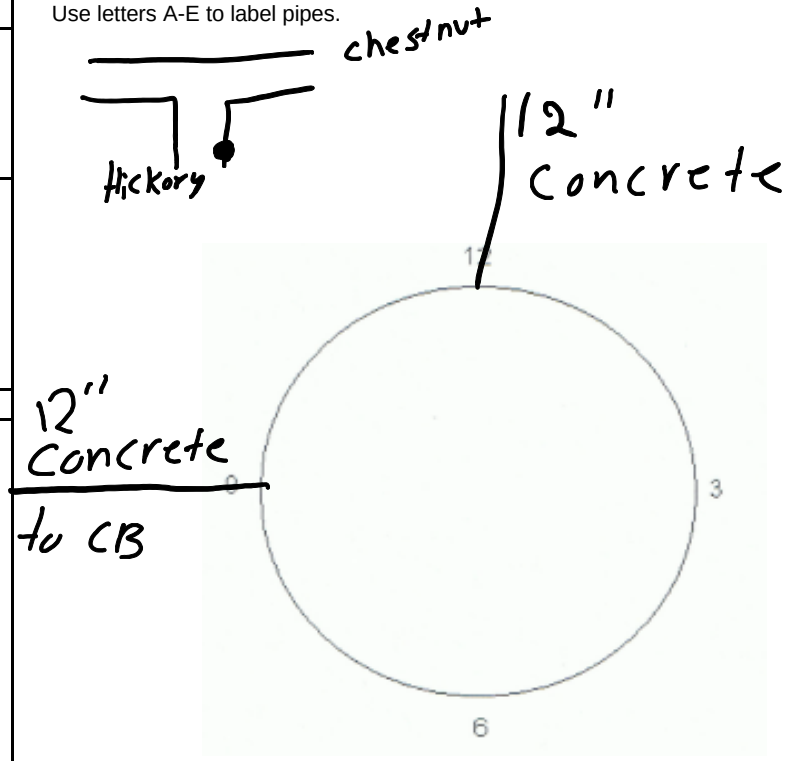
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 021

Location
- ☐ Easement / Cross Country
- ☐ Road: Hickory Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Can't see pipe only a break in structure

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

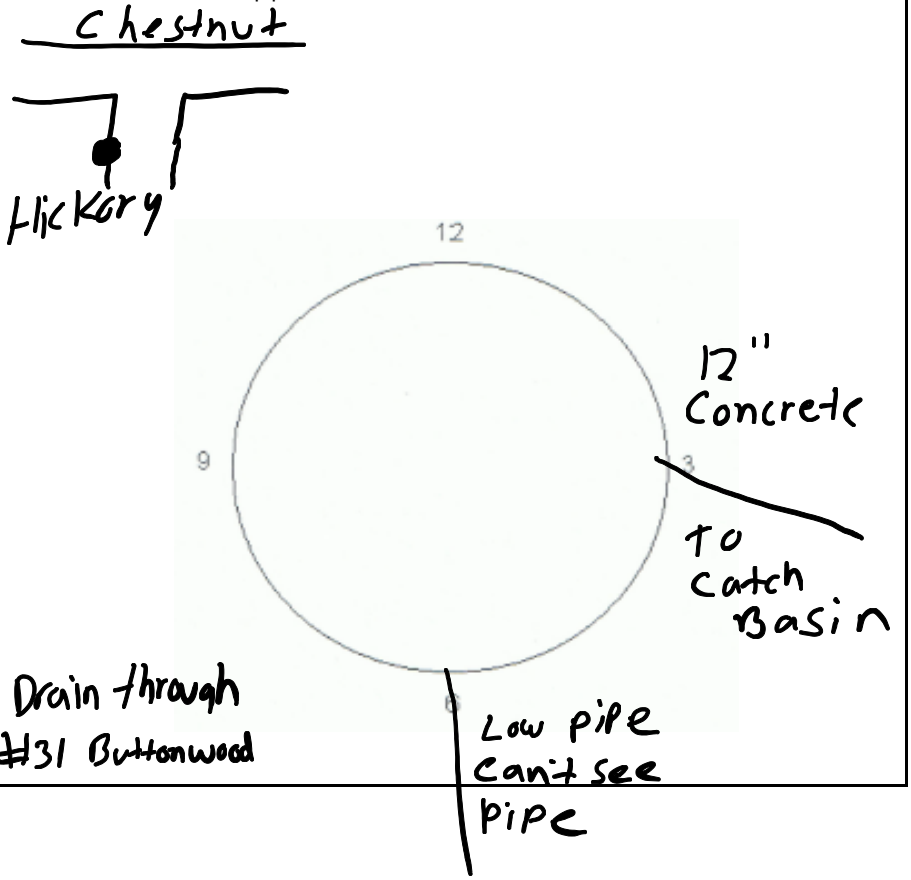
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 022

Location
- ☐ Easement / Cross Country
- ☐ Road: Hickory Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

crushed end of pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

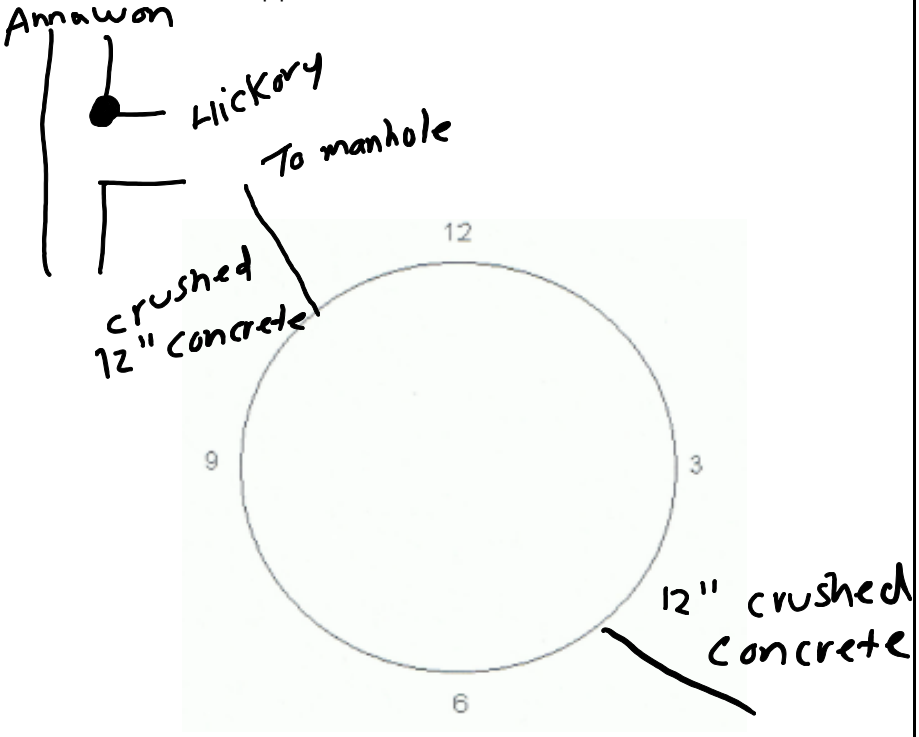
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 023

Location
- ☐ Easement / Cross Country
- ☐ Road: Hickory Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

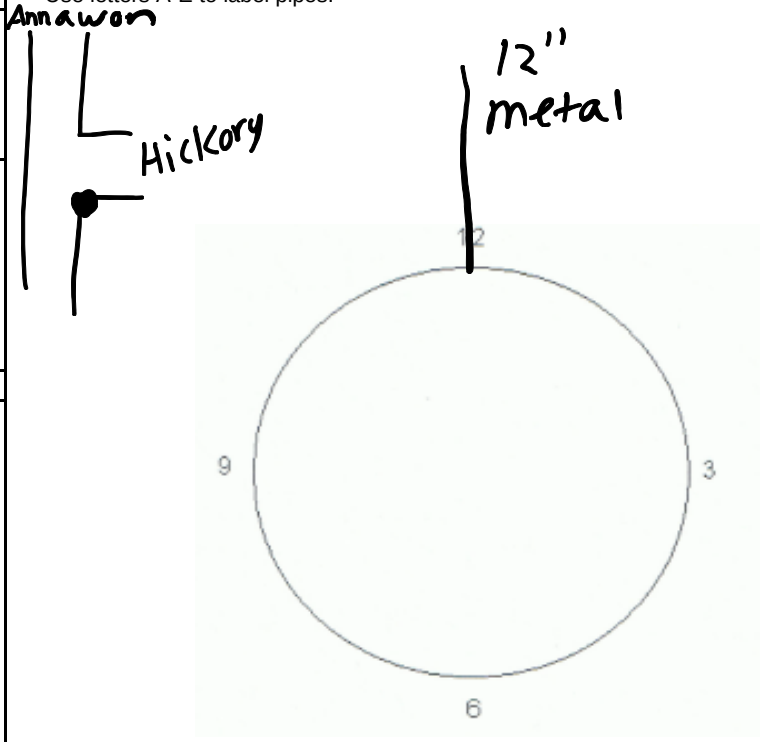
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 024

Location
- ☐ Easement / Cross Country
- ☐ Road: Annawon Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

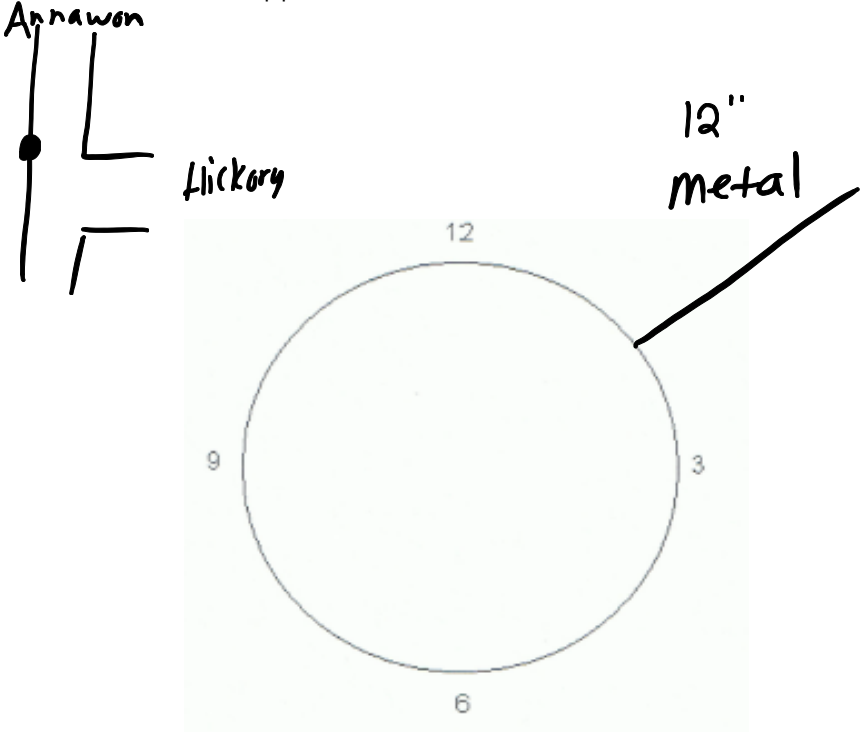
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 025

Location
- ☐ Easement / Cross Country
- ☐ Road: Madison Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Crushed pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

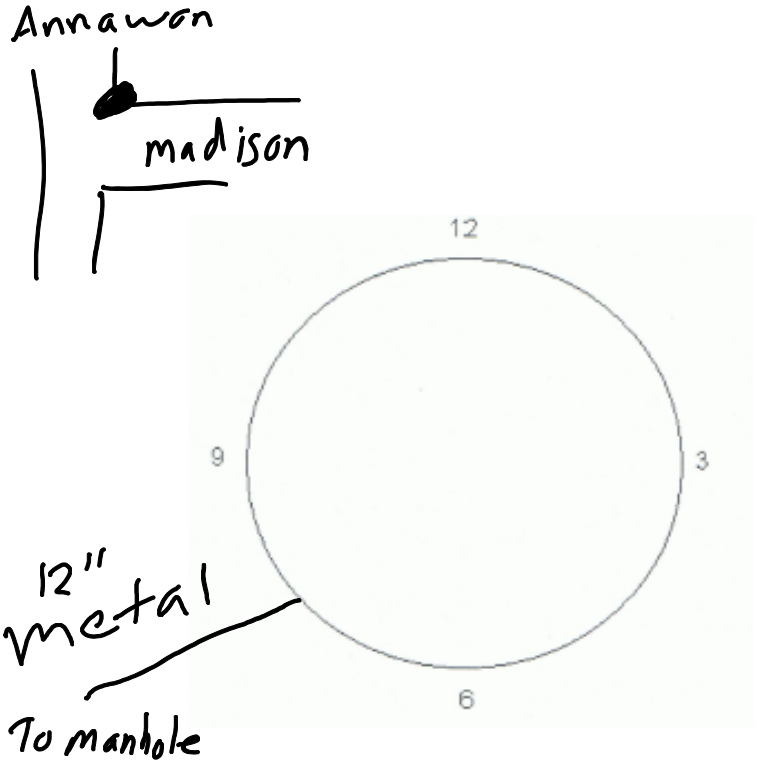
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 026

Location
- ☐ Easement / Cross Country
- ☐ Road: Madison Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

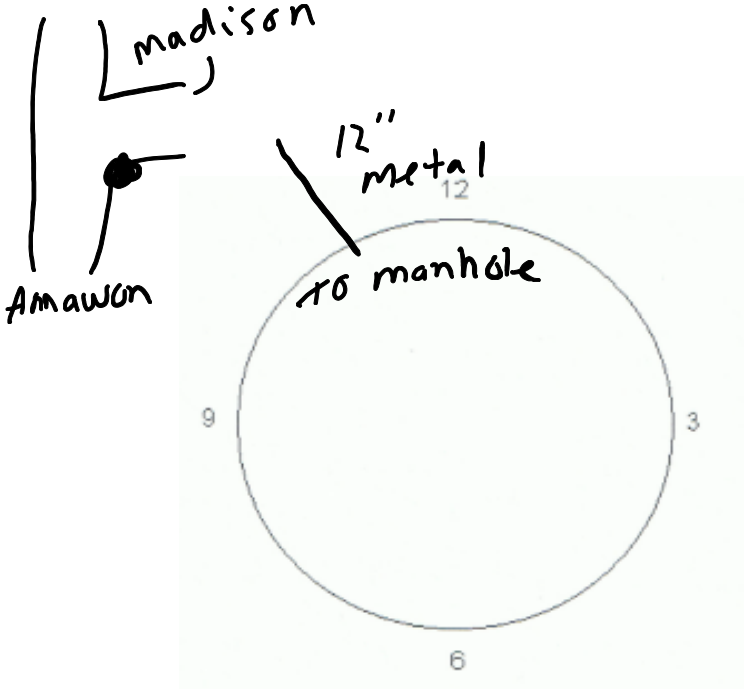
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 027

Location
- ☐ Easement / Cross Country
- ☐ Road: Doris Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

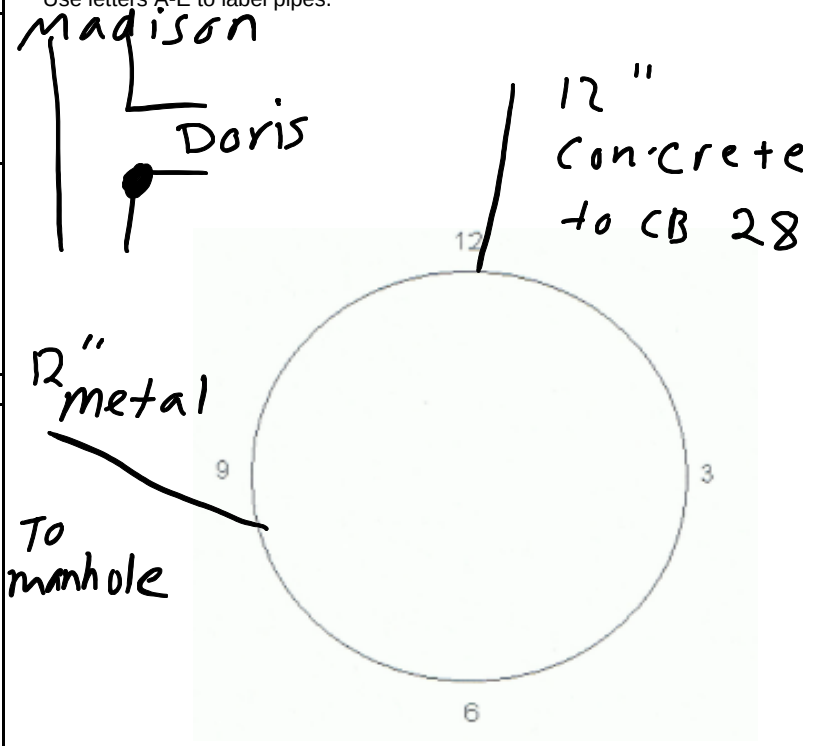
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



★ Manhole could not be opened.
Believed to be a leaching manhole.

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 028

Location
- ☐ Easement / Cross Country
- ☐ Road: Doris Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Damaged pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

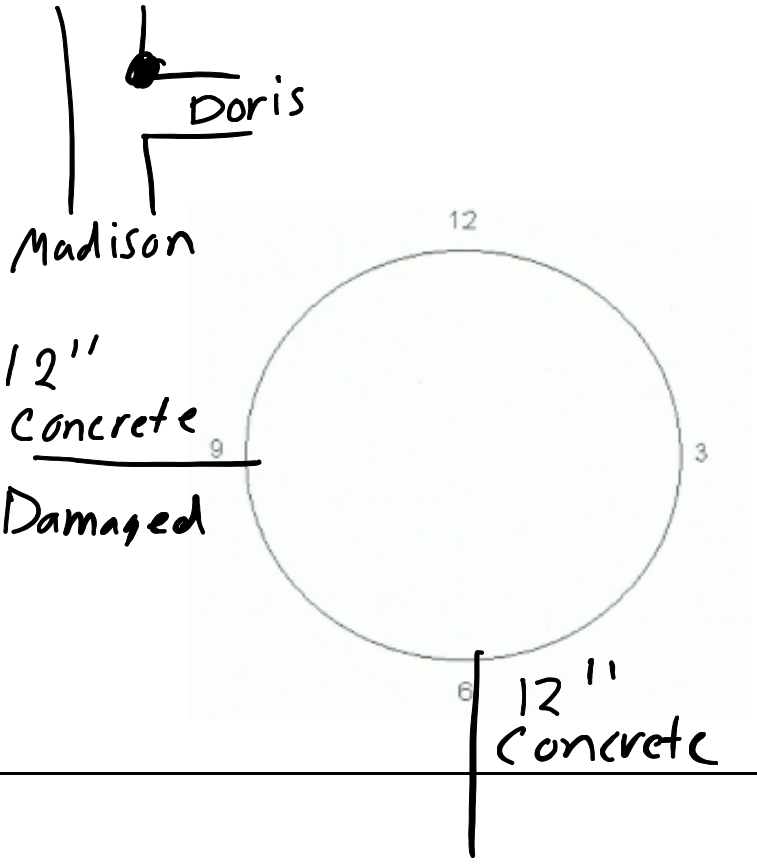
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 029

Location
- ☐ Easement / Cross Country
- ☐ Road: Madison Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

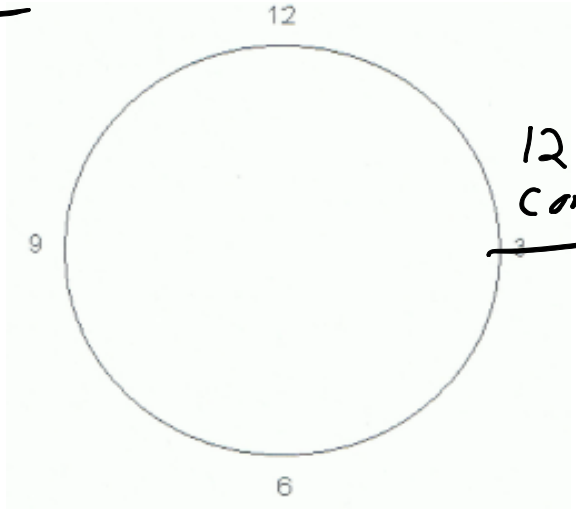
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Madison

Doris



12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 030

Location
- ☐ Easement / Cross Country
- ☐ Road: Doris Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: in grass at end of Doris

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

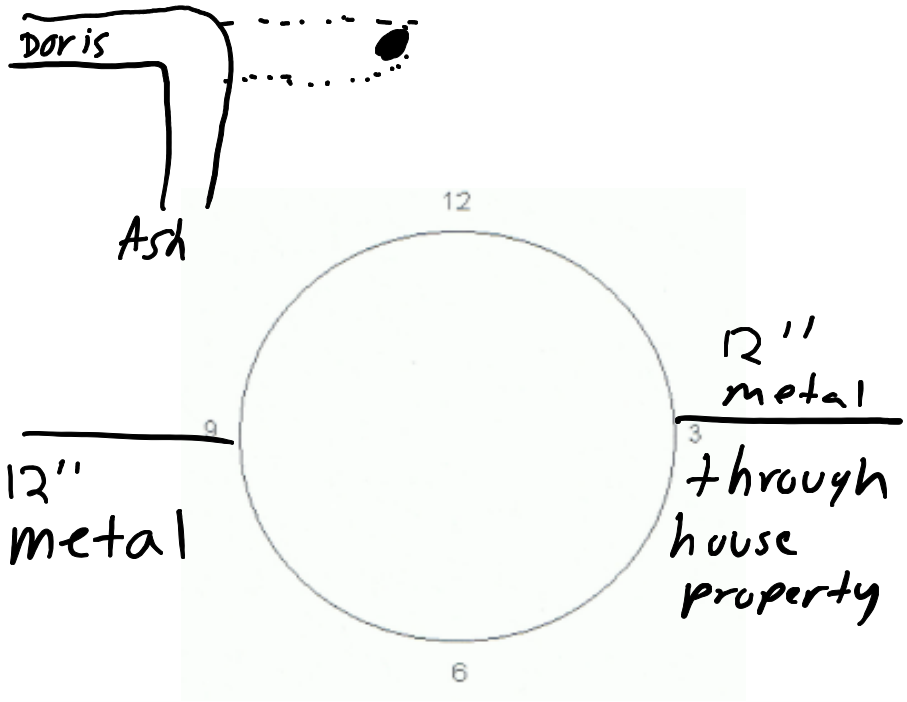
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 031

Location
- ☐ Easement / Cross Country
- ☐ Road: Doris Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

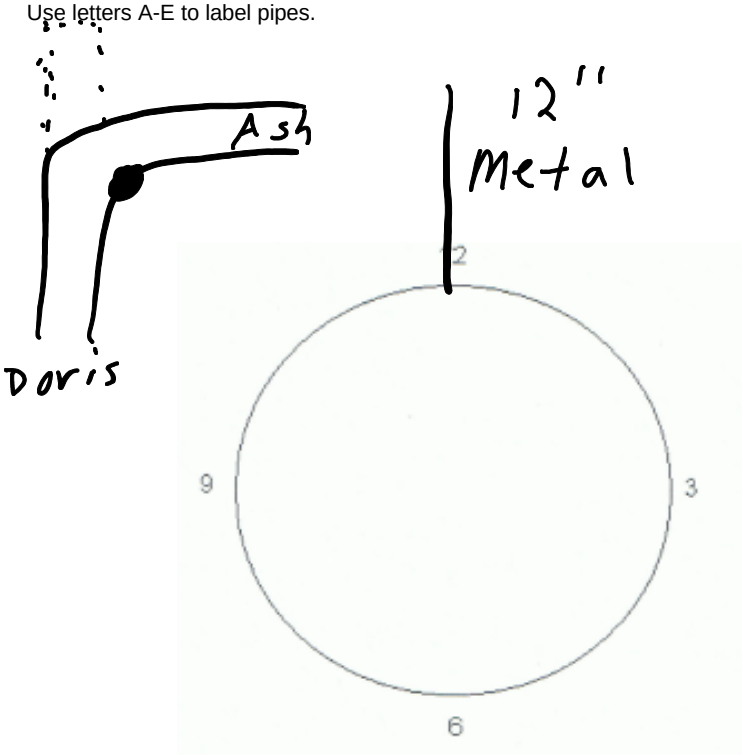
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 032

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

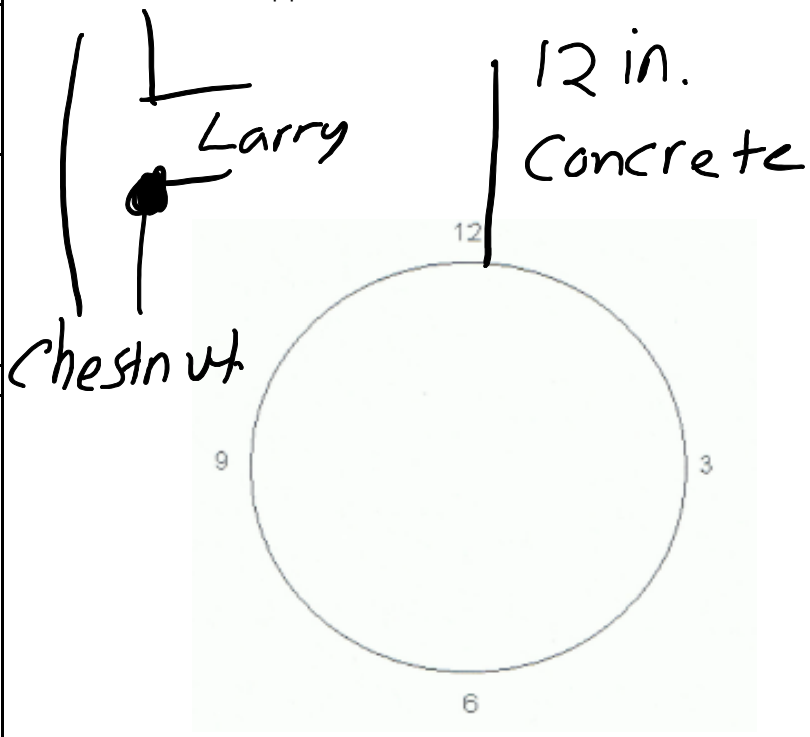
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 033

Location
- ☐ Easement / Cross Country
- ☐ Road: Larry Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

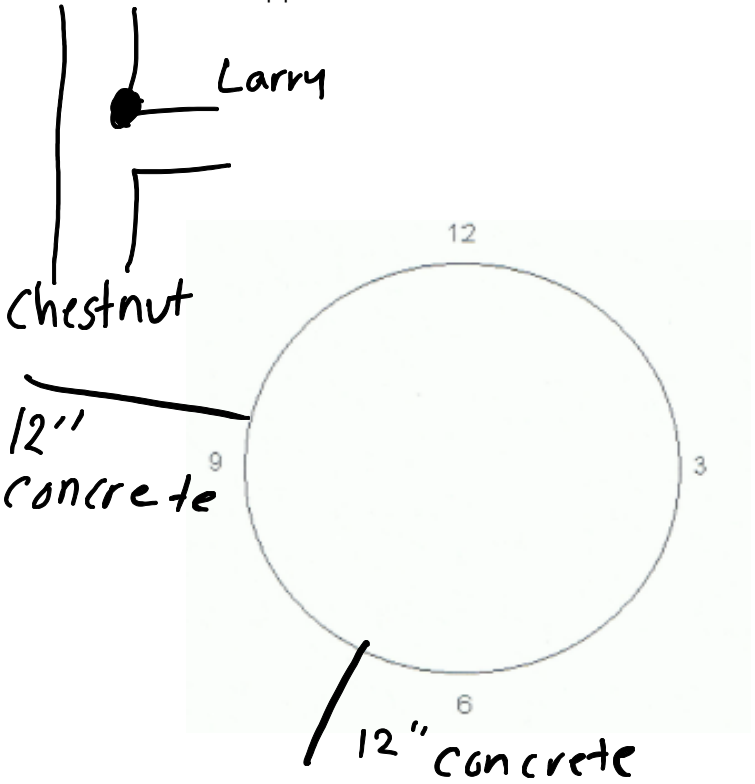
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 034

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

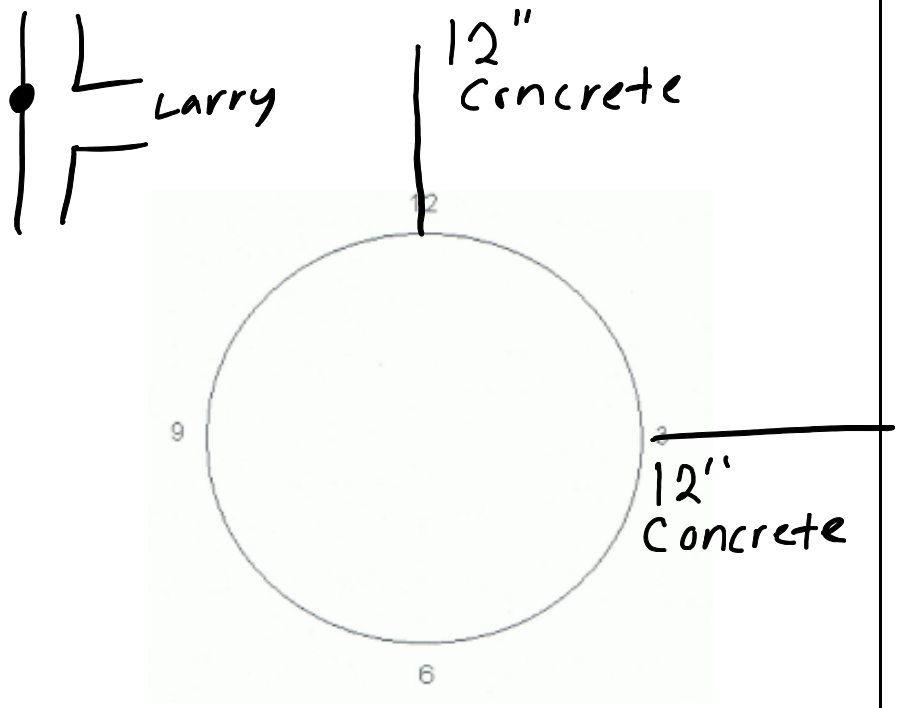
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 035

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

pipes cracked

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

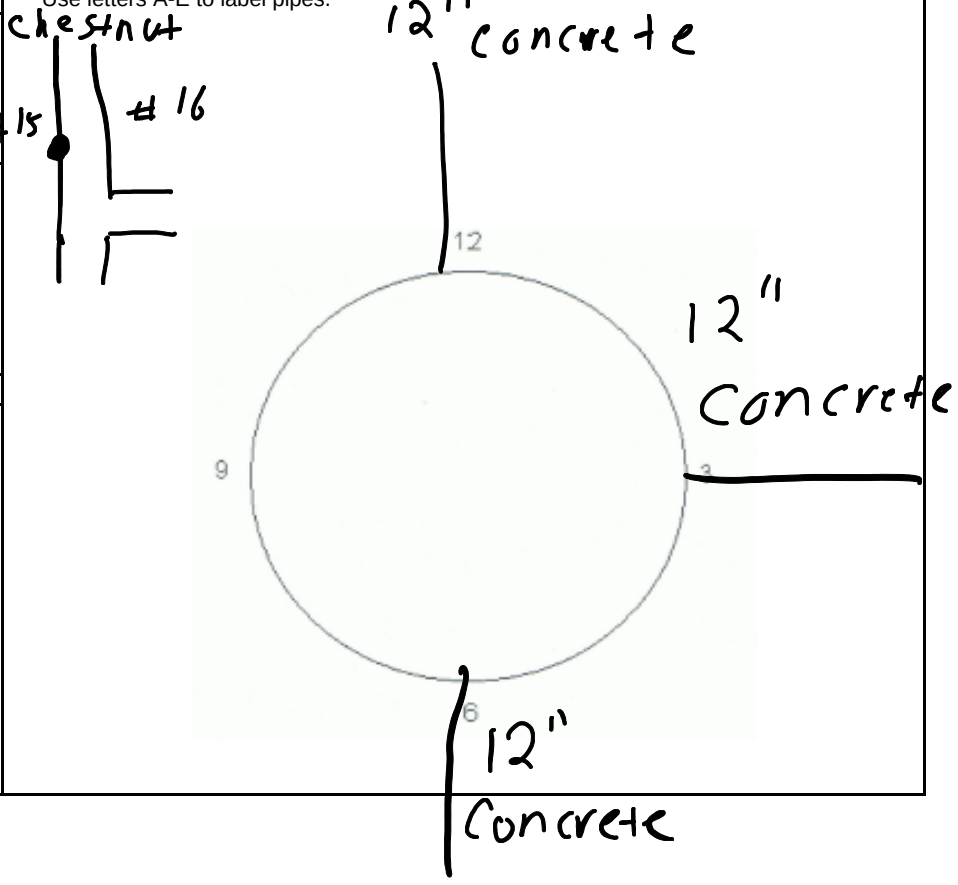
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 036

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

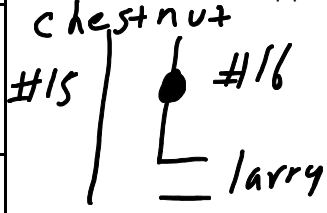
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

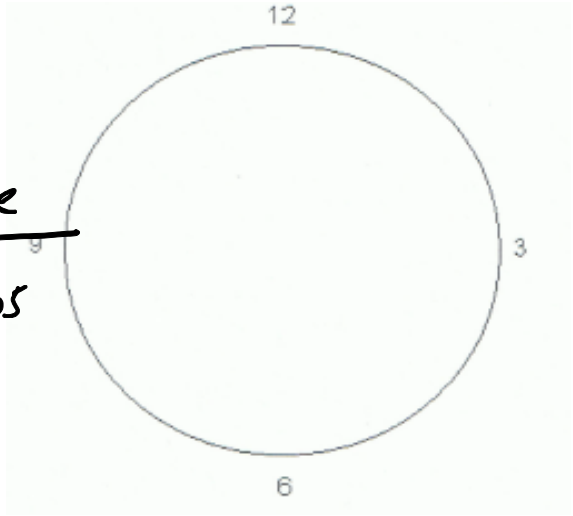
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" Concrete

To CB 35

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 037

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

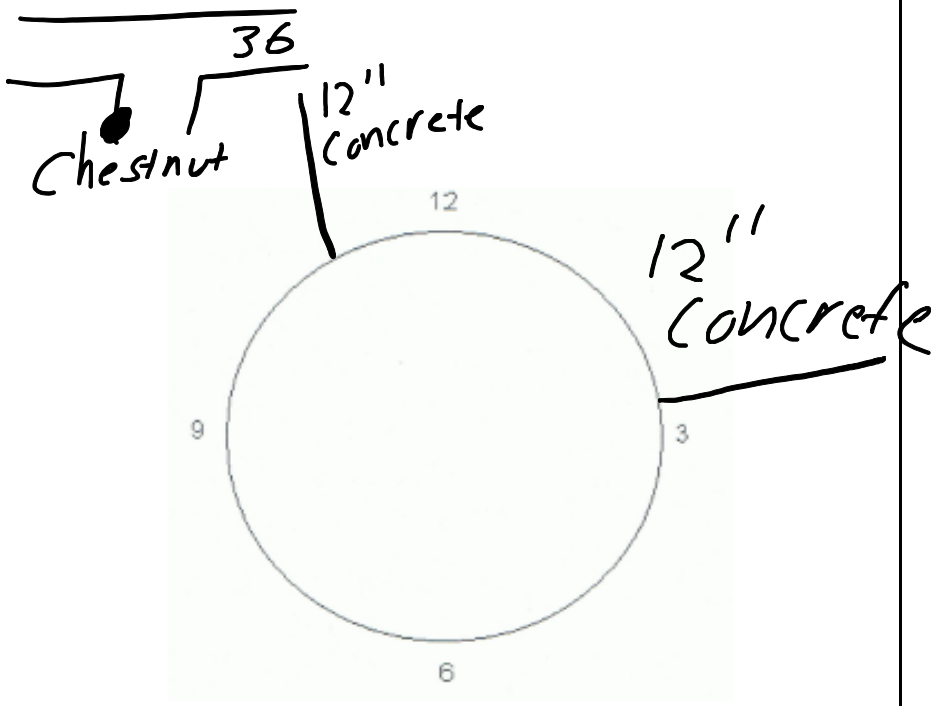
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 038

Location
- ☐ Easement / Cross Country
- ☐ Road: Chestnut Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

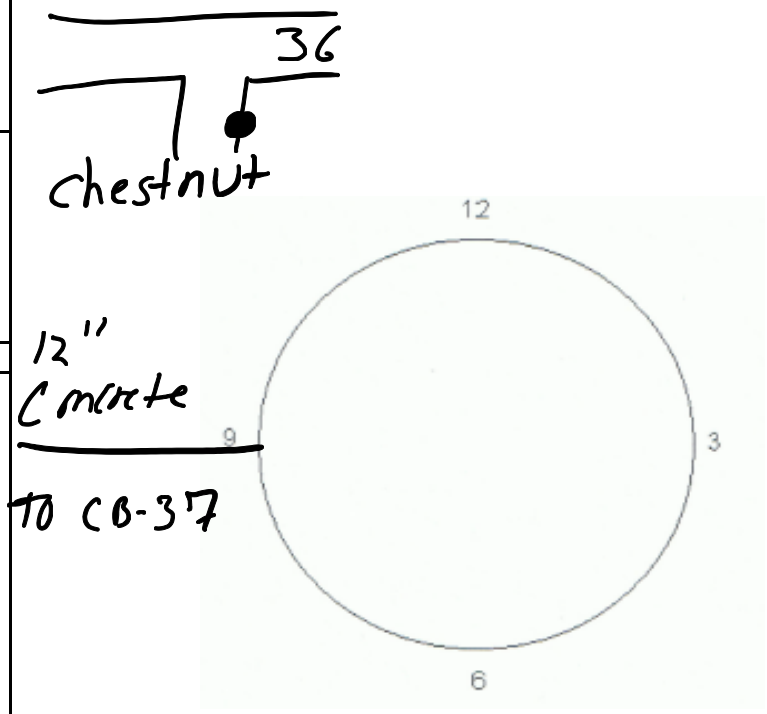
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 039

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

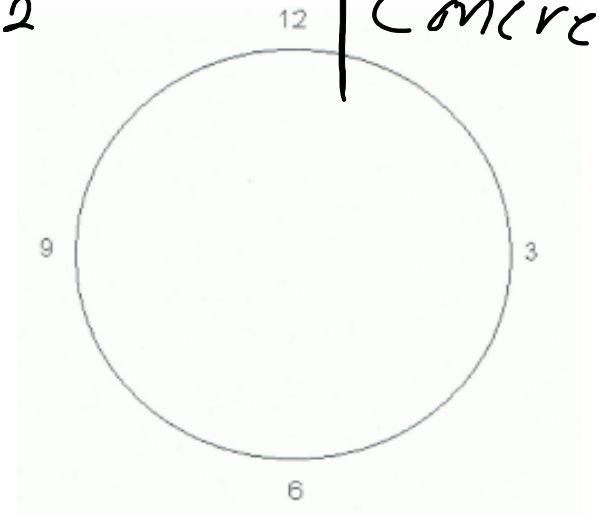
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

#169 Holmes #172

12" Concrete



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 040

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

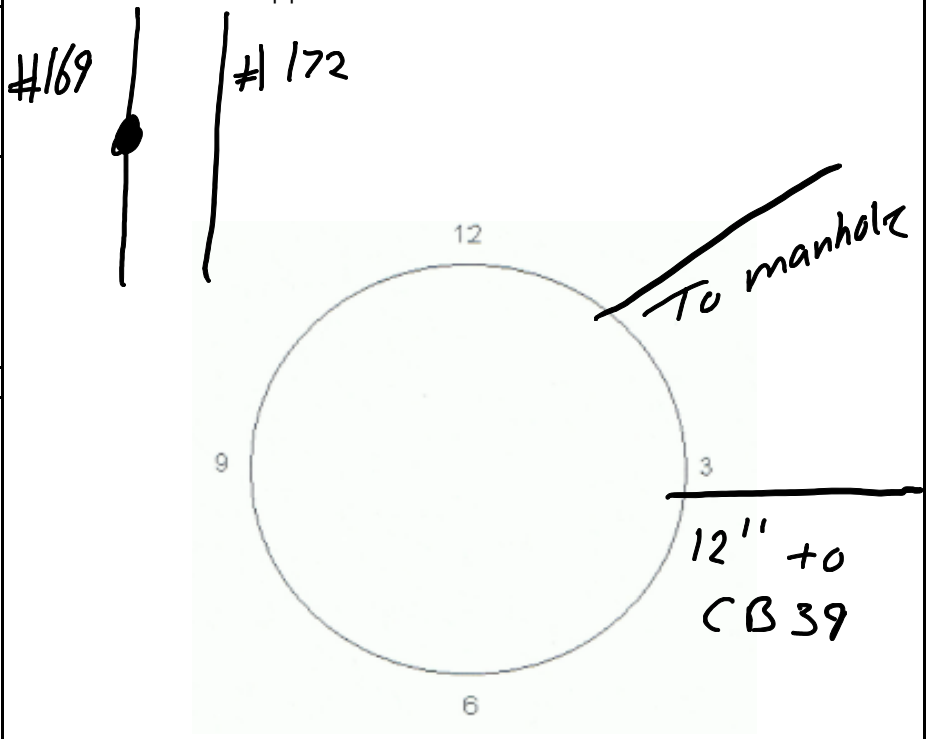
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 041

Location
- ☐ Easement / Cross Country
- ☐ Road: Marjorie Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

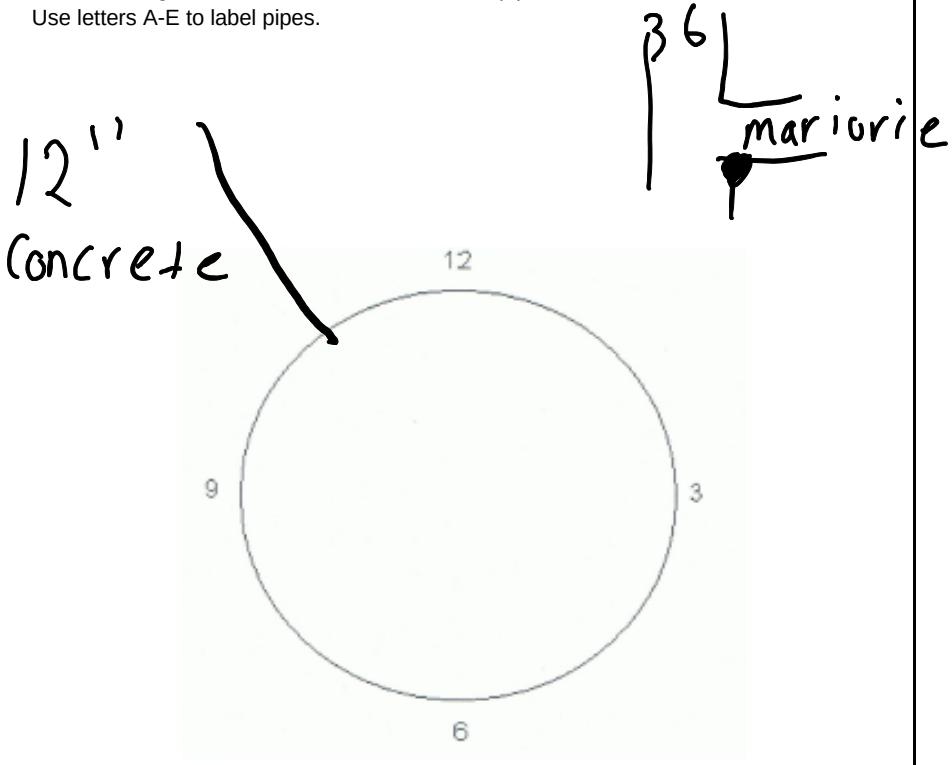
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 042

Location
- ☐ Easement / Cross Country
- ☐ Road: Marjorie Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

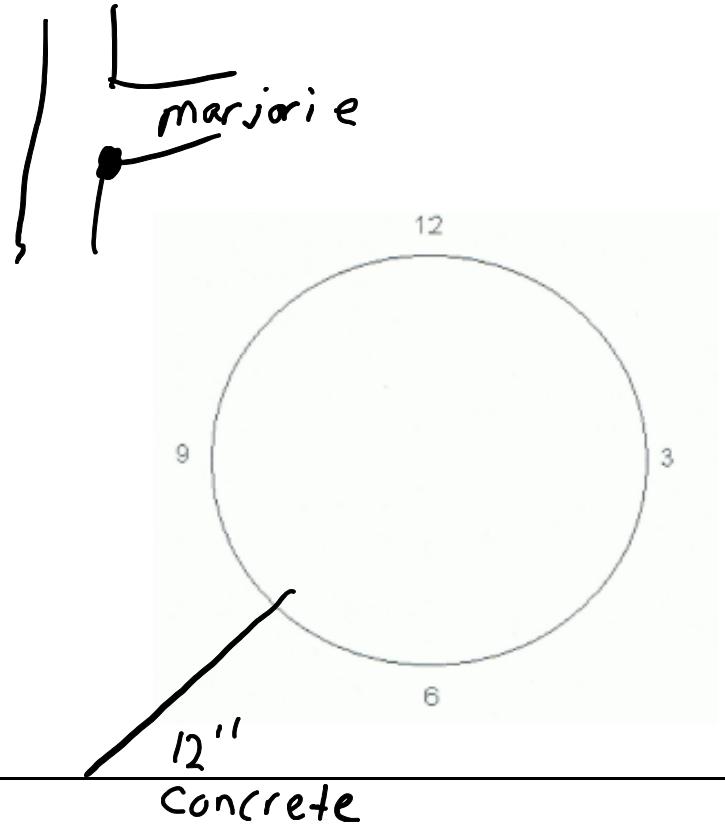
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 043

Location
- ☐ Easement / Cross Country
- ☐ Road: Marjorie Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

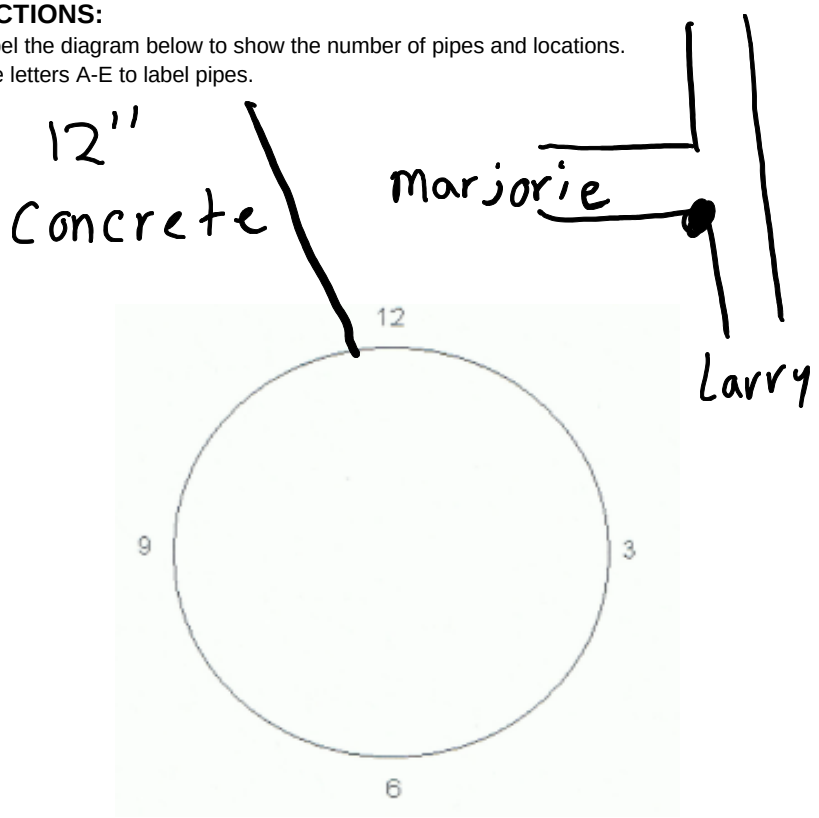
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 044

Location
- ☐ Easement / Cross Country
- ☐ Road: Larry Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

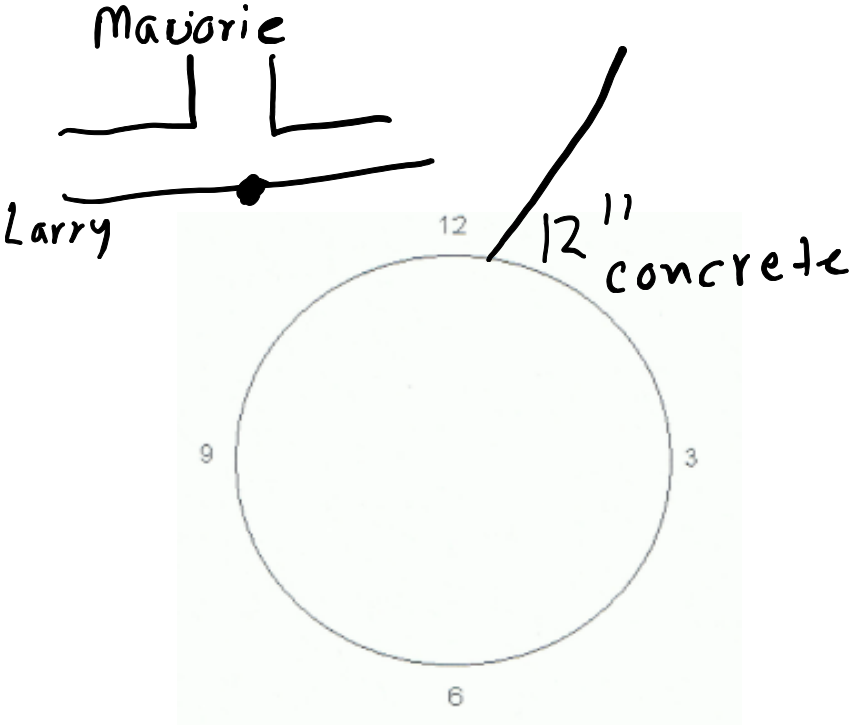
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 045

Location
- ☐ Easement / Cross Country
- ☐ Road: Marjorie Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

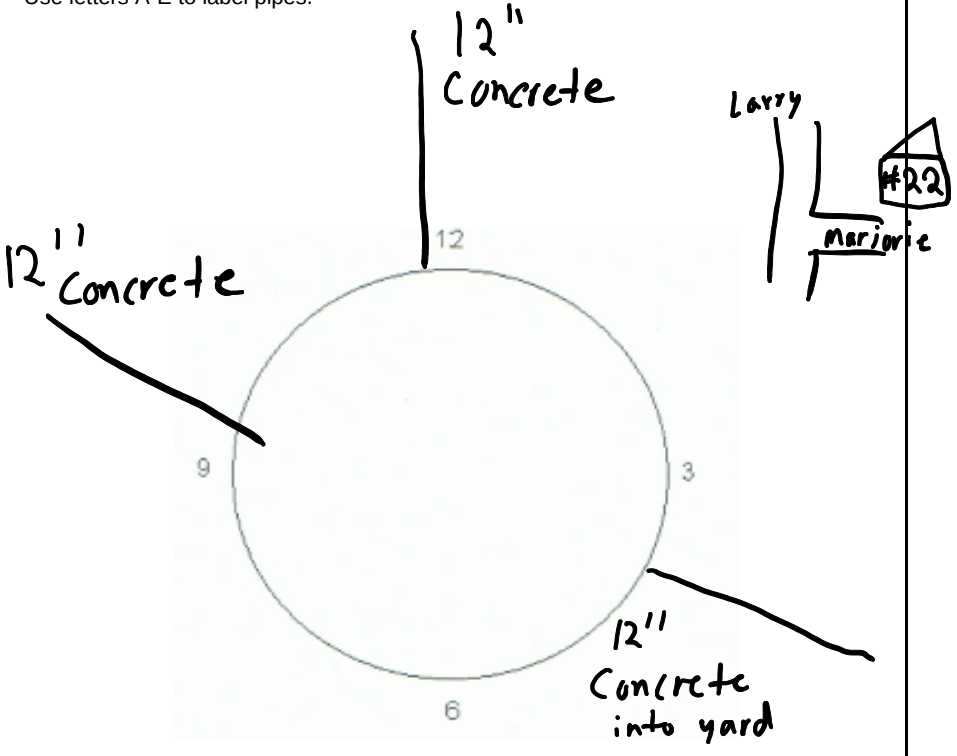
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 046

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

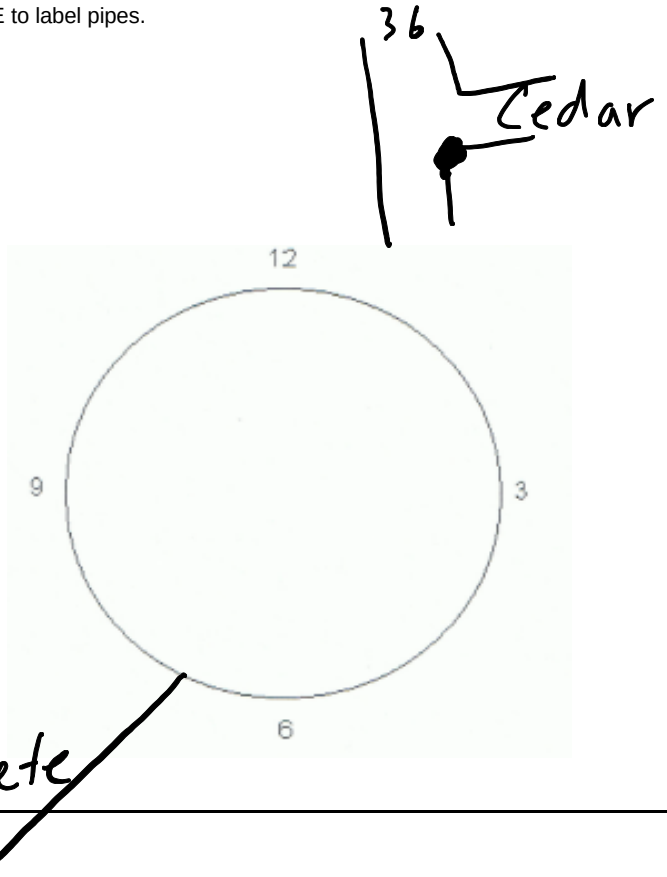
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 047

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

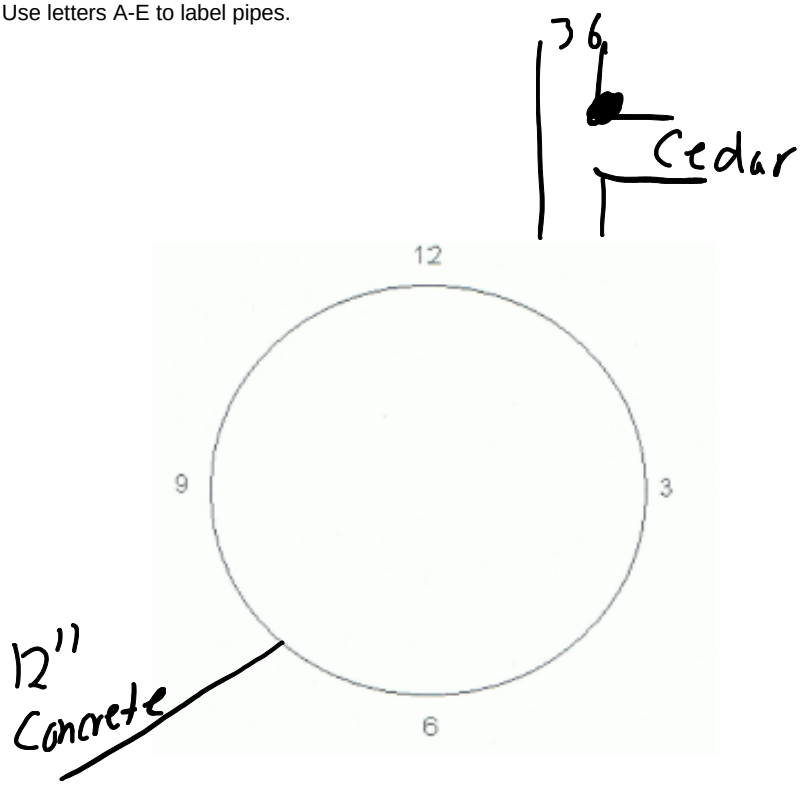
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 048

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

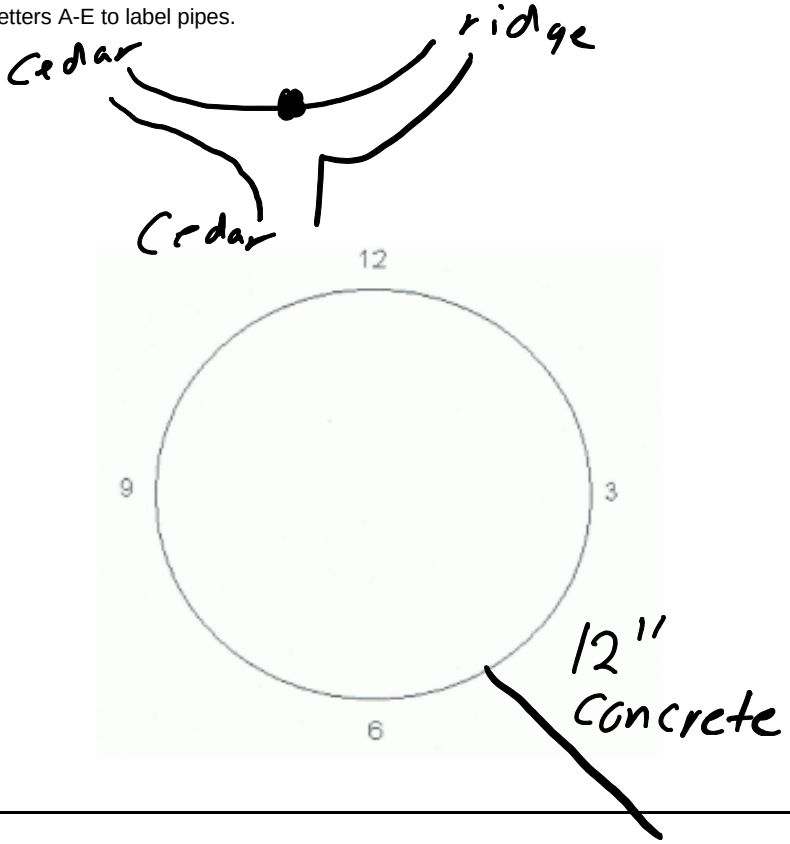
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 049

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Cracked pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

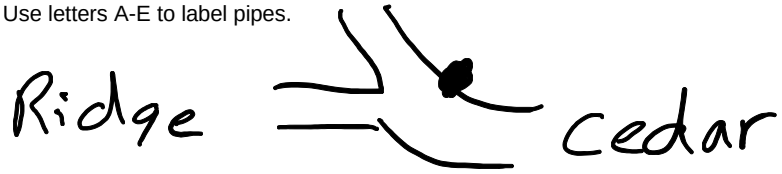
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

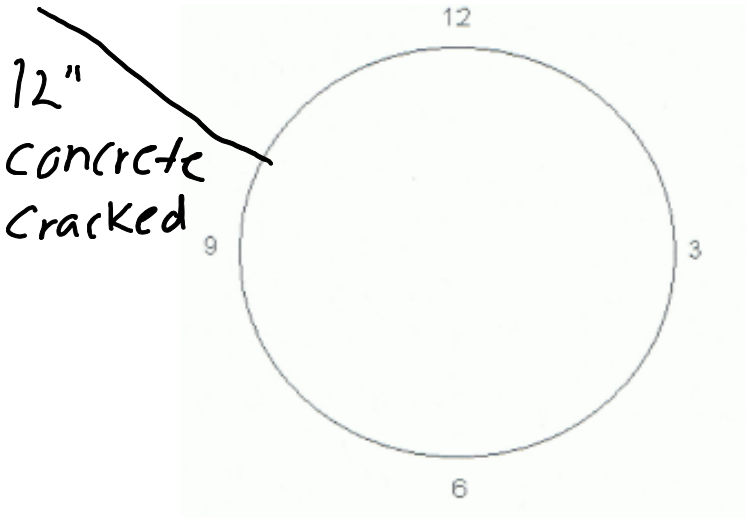
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 050

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road and Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

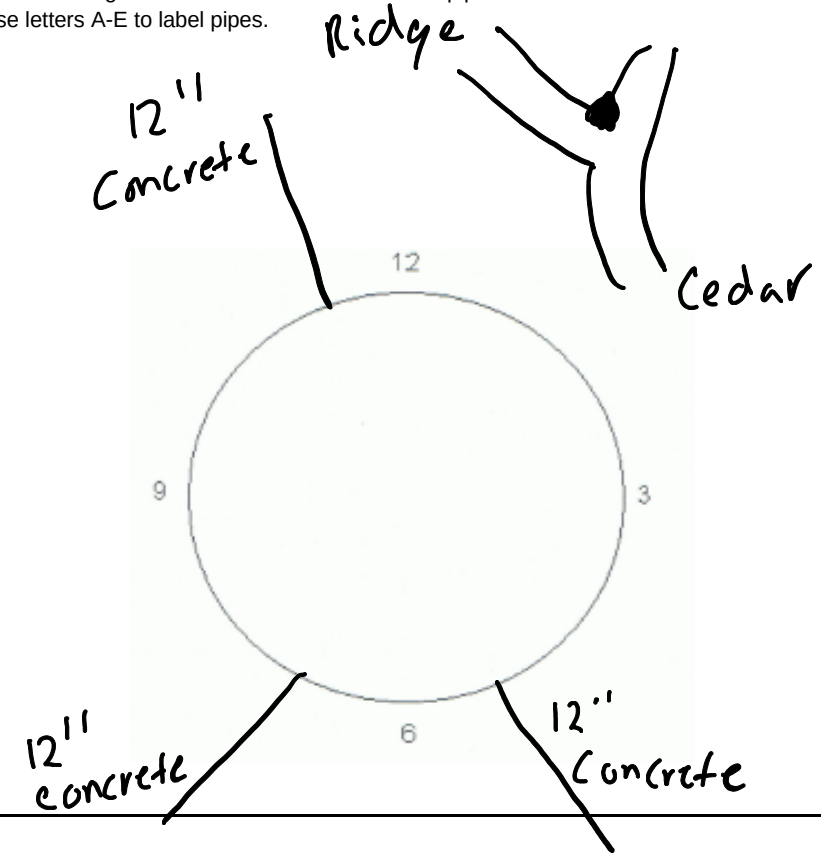
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 051

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ✓ Leaching Basin

Condition of Structure
- ✓ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ✓ rectangular
- ☐ round

Frame/Grate Condition
- ✓ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

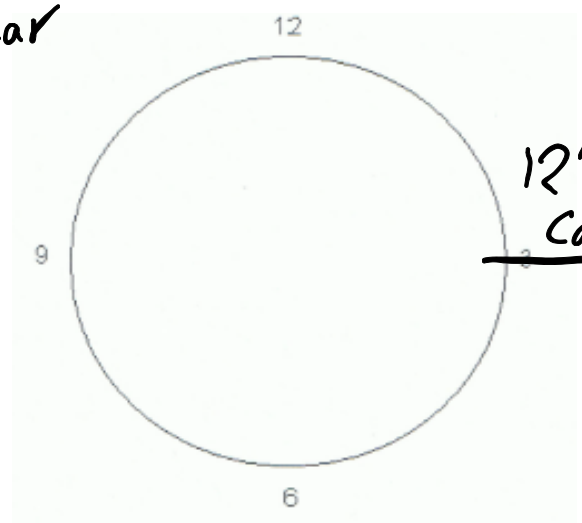
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

#48 Cedar



12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 052

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ✓ Leaching Basin

Condition of Structure
- ✓ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ✓ rectangular
- ☐ round

Frame/Grate Condition
- ✓ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

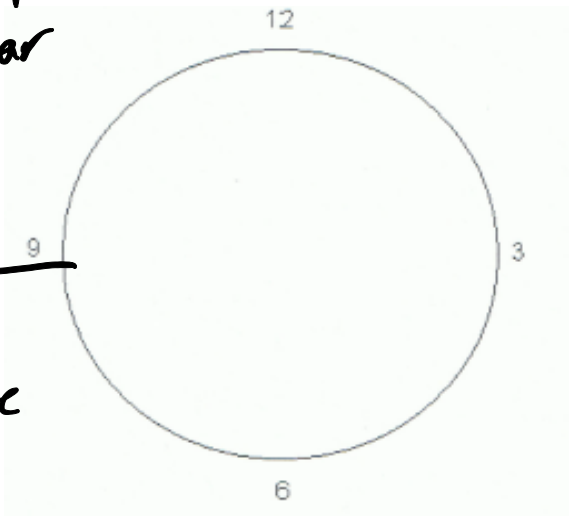
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

#48 | 1
Cedar



12"
Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 053

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

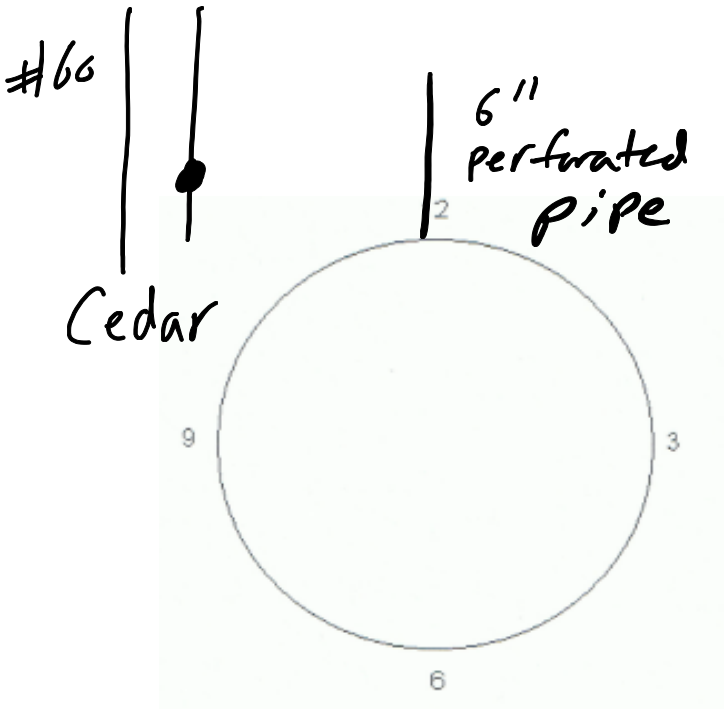
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 054

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ✓ Leaching Basin

Condition of Structure
- ✓ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ✓ rectangular
- ☐ round

Frame/Grate Condition
- ✓ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

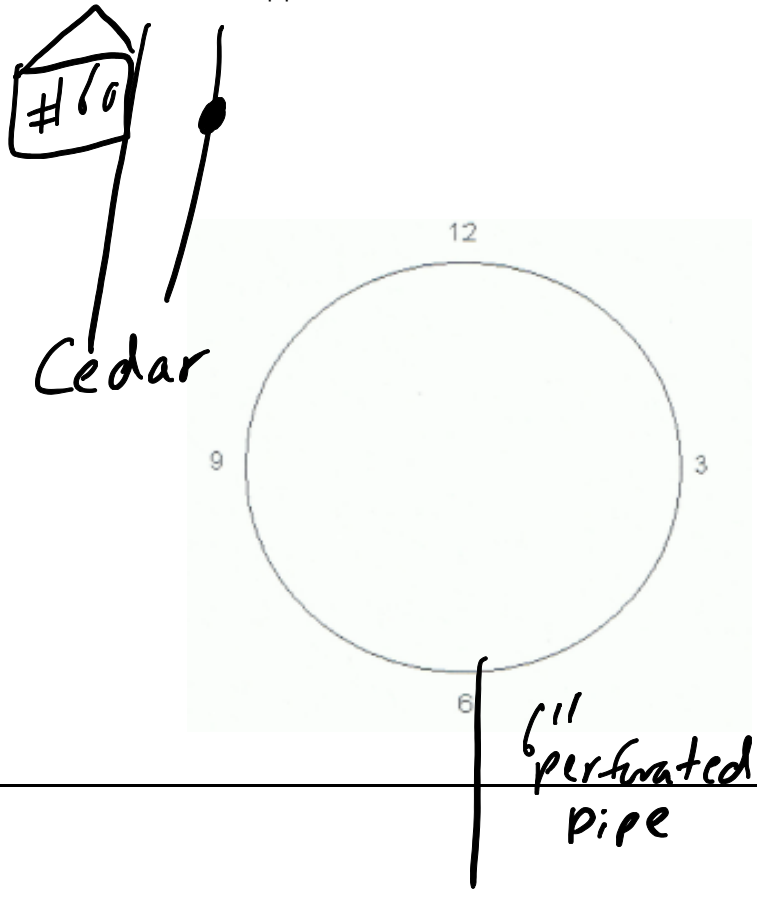
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 055

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐ Leaching Basin

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

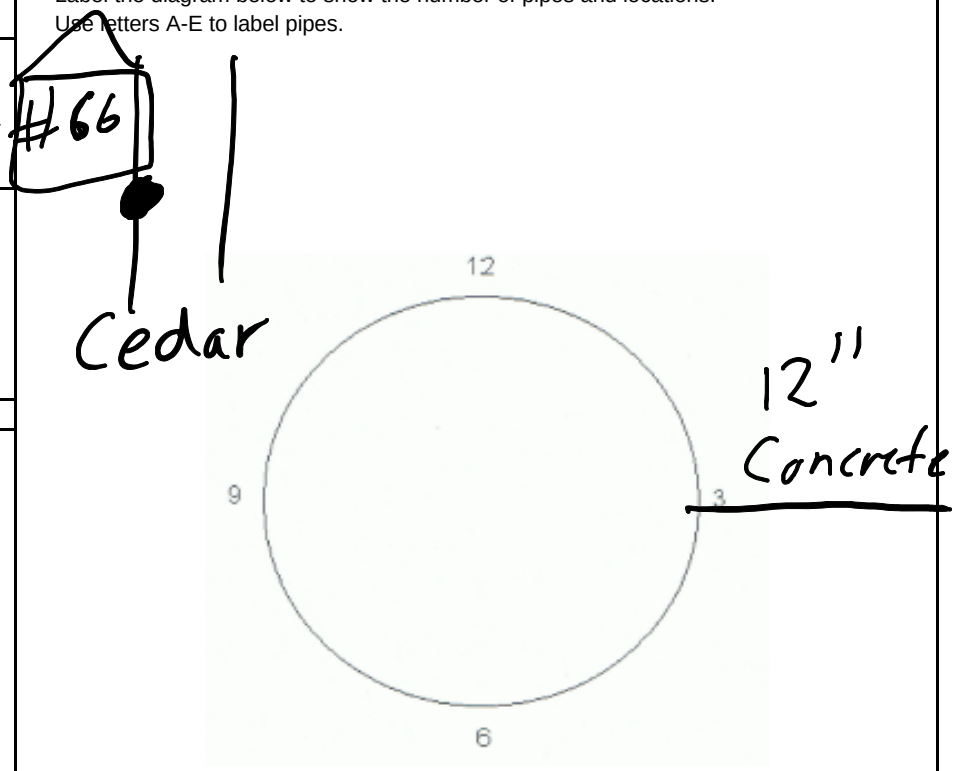
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 056

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐ Leaching Basin

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

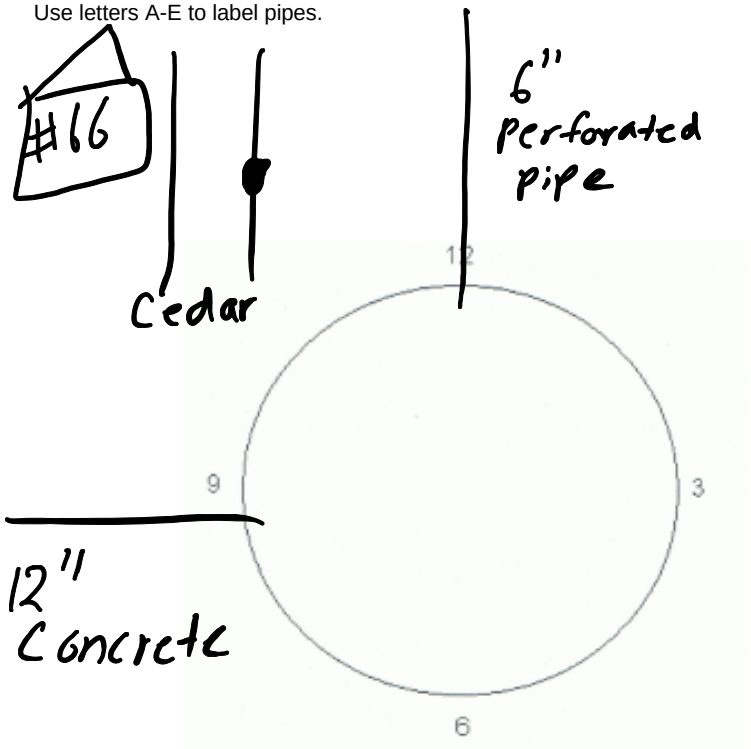
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 057

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐ Leaching Basin

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

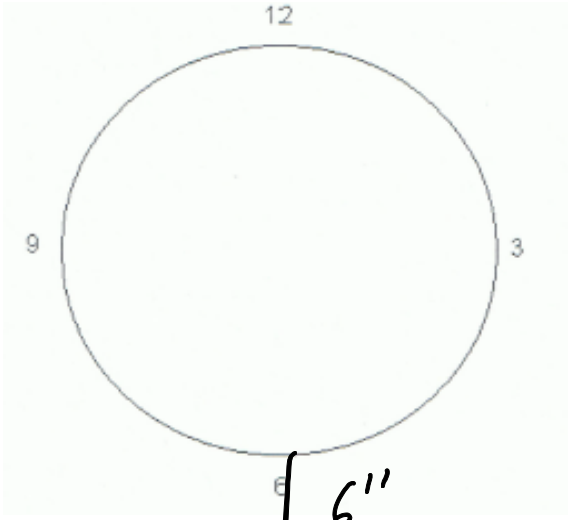
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

#172

Cedar



6" perforated pipe

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 058

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

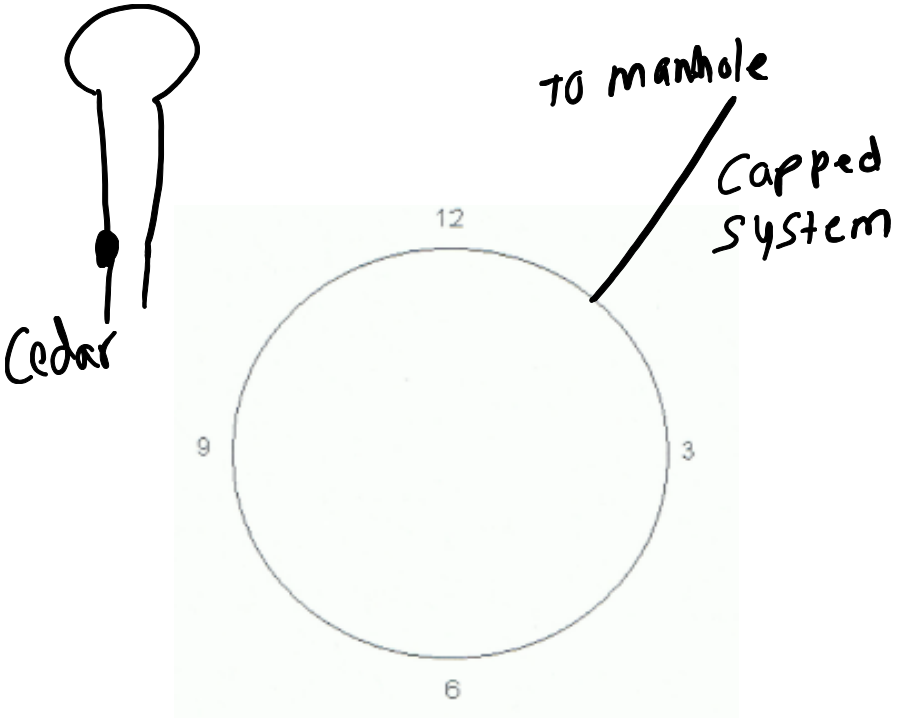
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 059

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

5

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

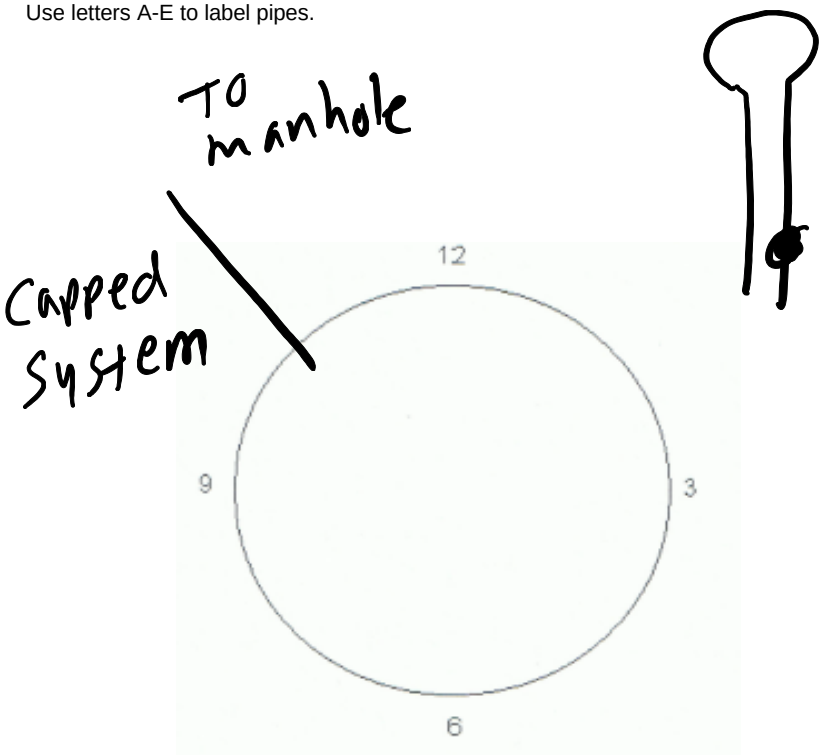
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 060

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

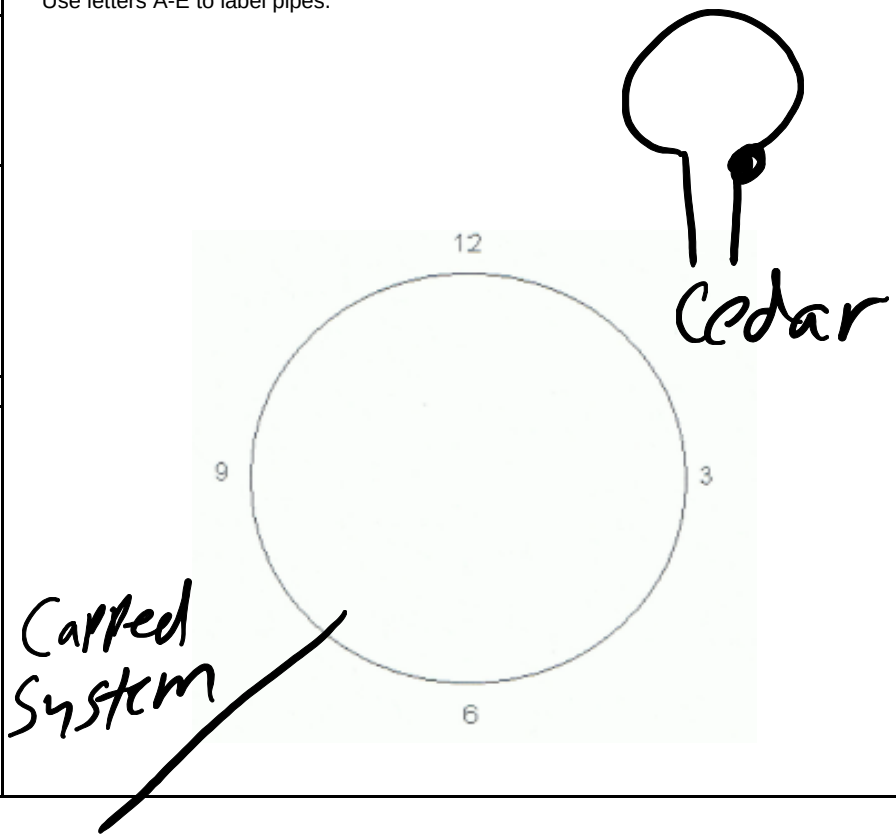
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 061

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

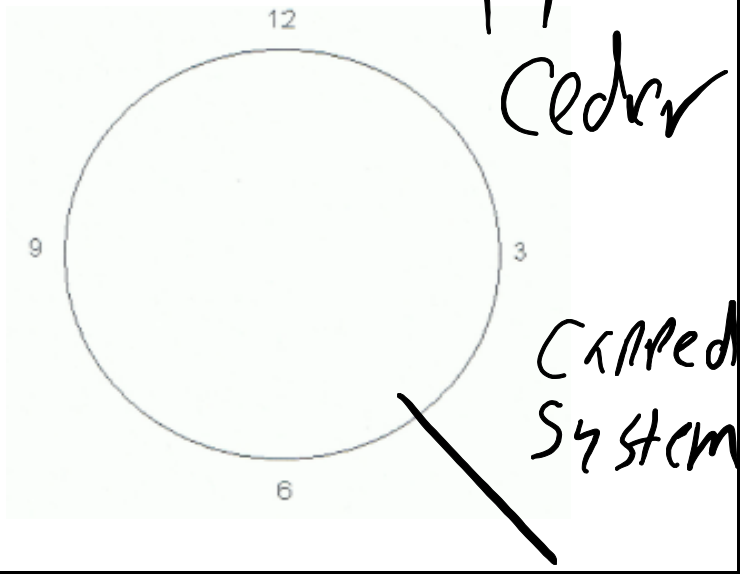
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 062

Location
- ☐ Easement / Cross Country
- ☐ Road: Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

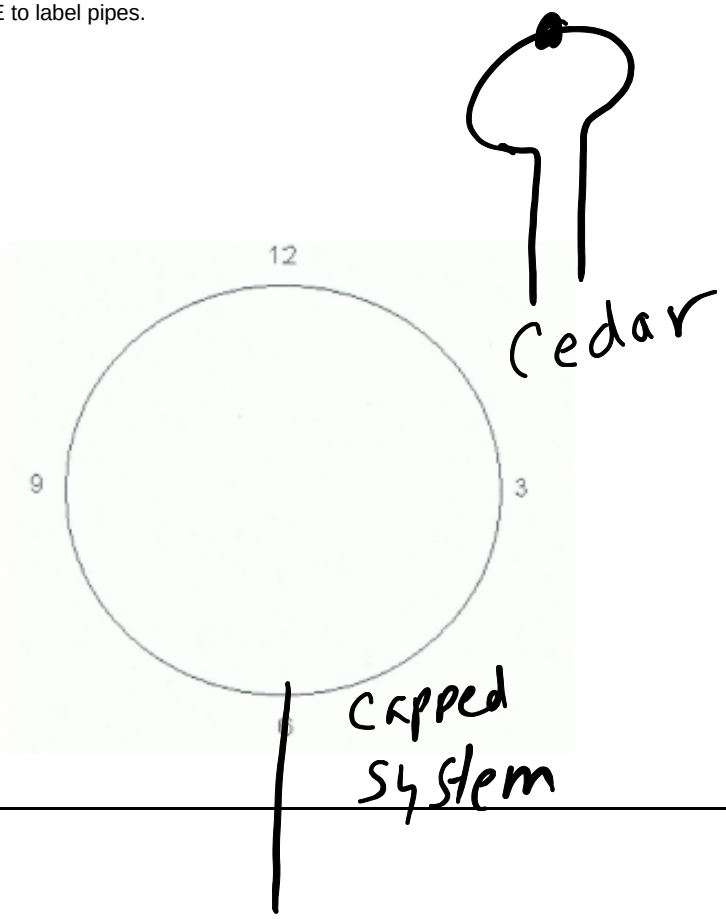
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 063

Location
- ☐ Easement / Cross Country
- ☐ Road: Lantern Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

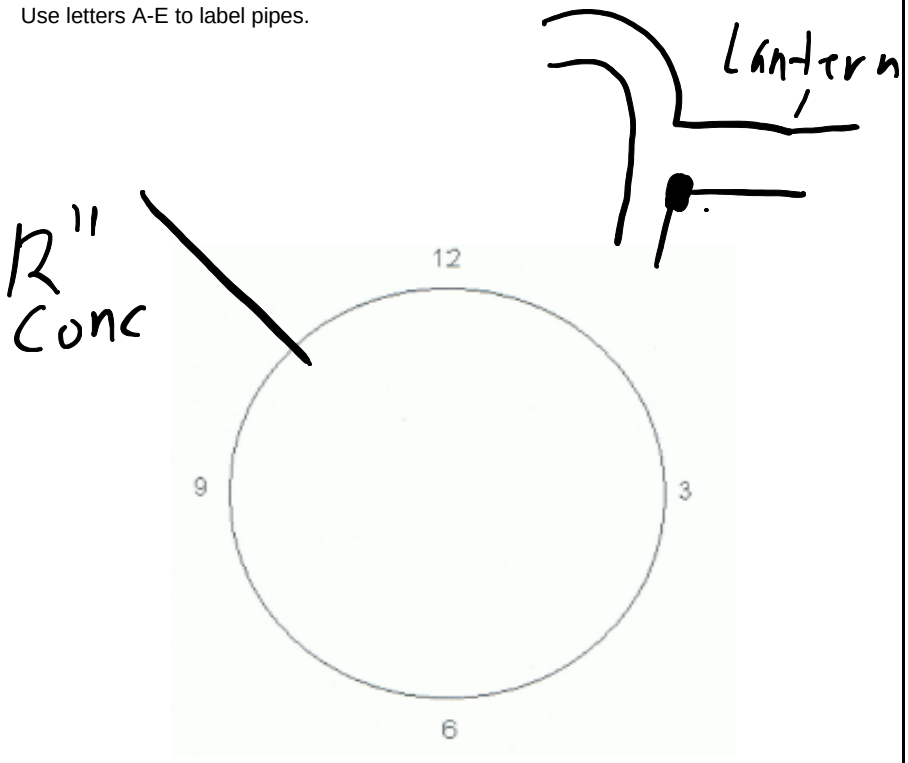
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 064

Location
- ☐ Easement / Cross Country
- ☐ Road: Lantern Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

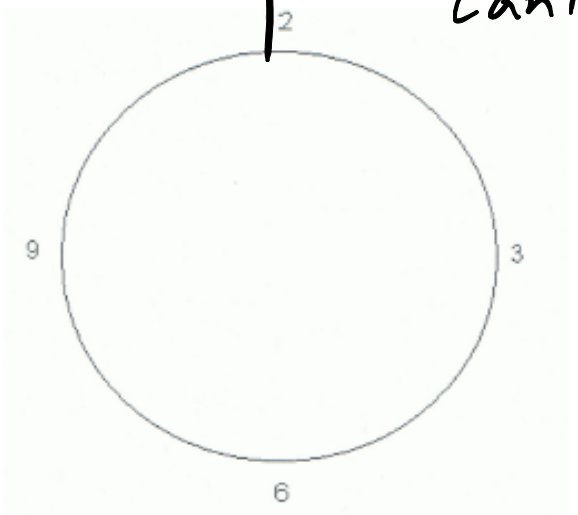
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 065

Location
- ☐ Easement / Cross Country
- ☐ Road: Lantern Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other Leaching Basin
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

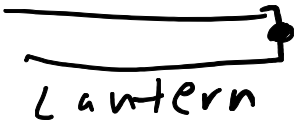
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

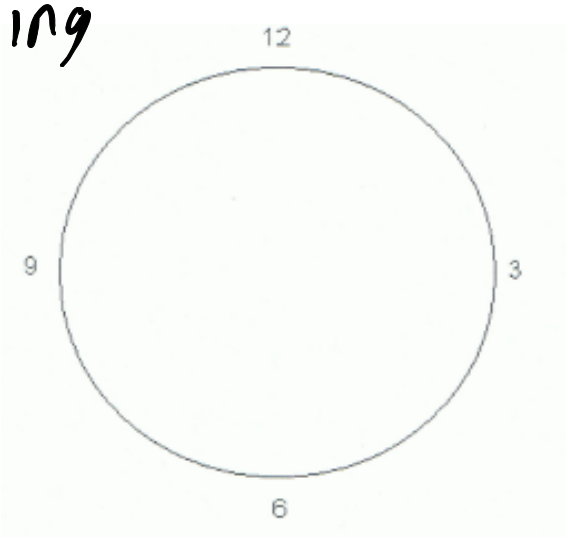
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Leaching pit



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 066

Location
- ☐ Easement / Cross Country
- ☐ Road: Lantern Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

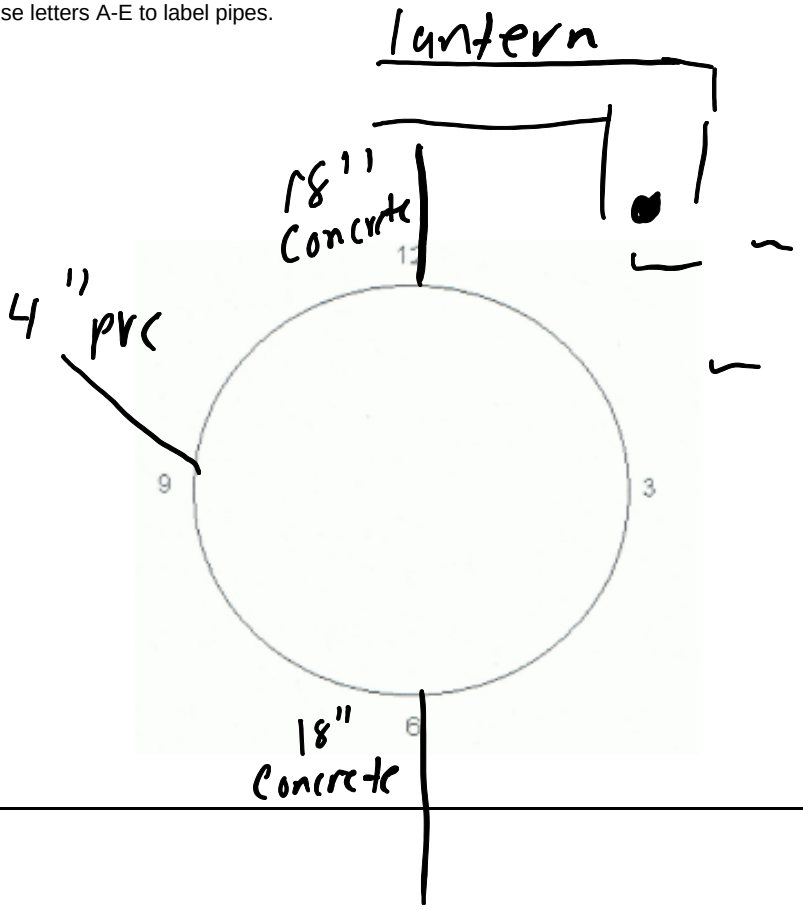
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 067

Location
- ☐ Easement / Cross Country
- ☐ Road: Baker Court and Cedar Lane
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

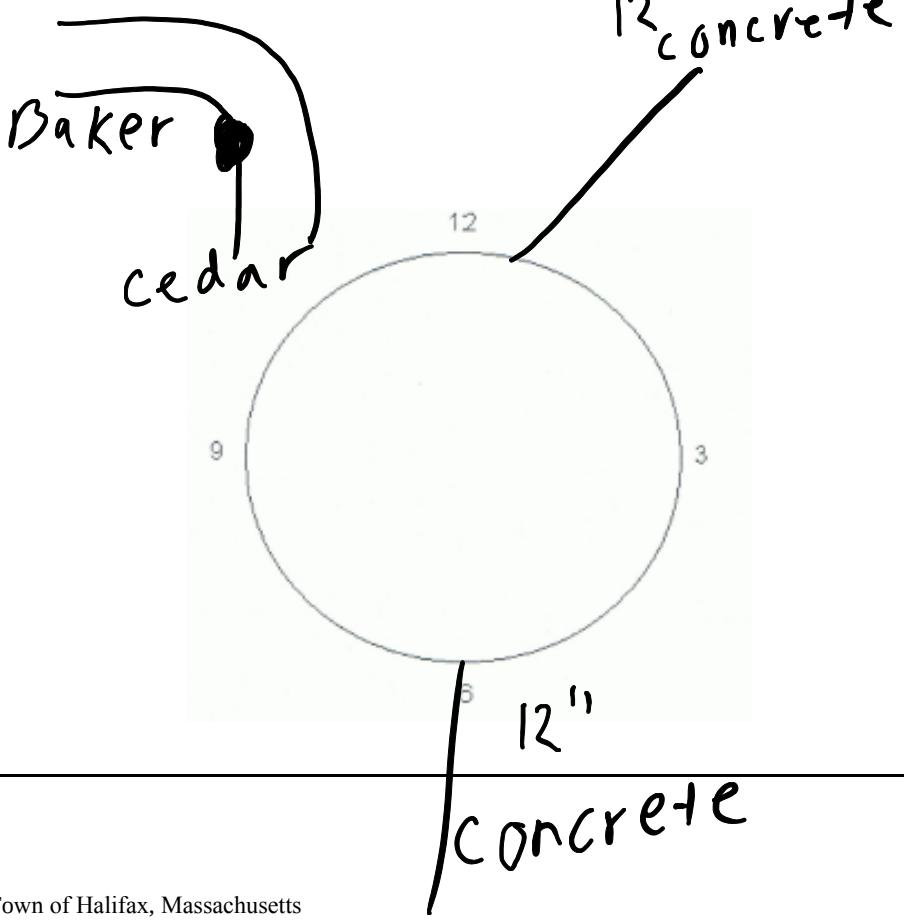
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 068

Location
- ☐ Easement / Cross Country
- ☐ Road: Baker Court
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

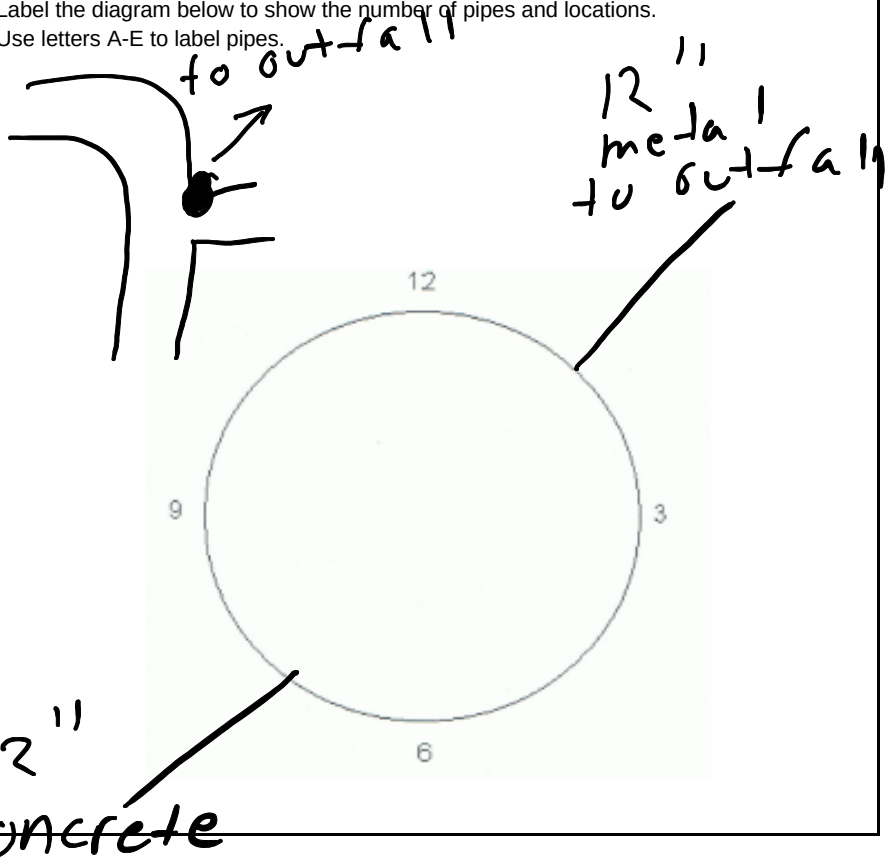
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 069

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

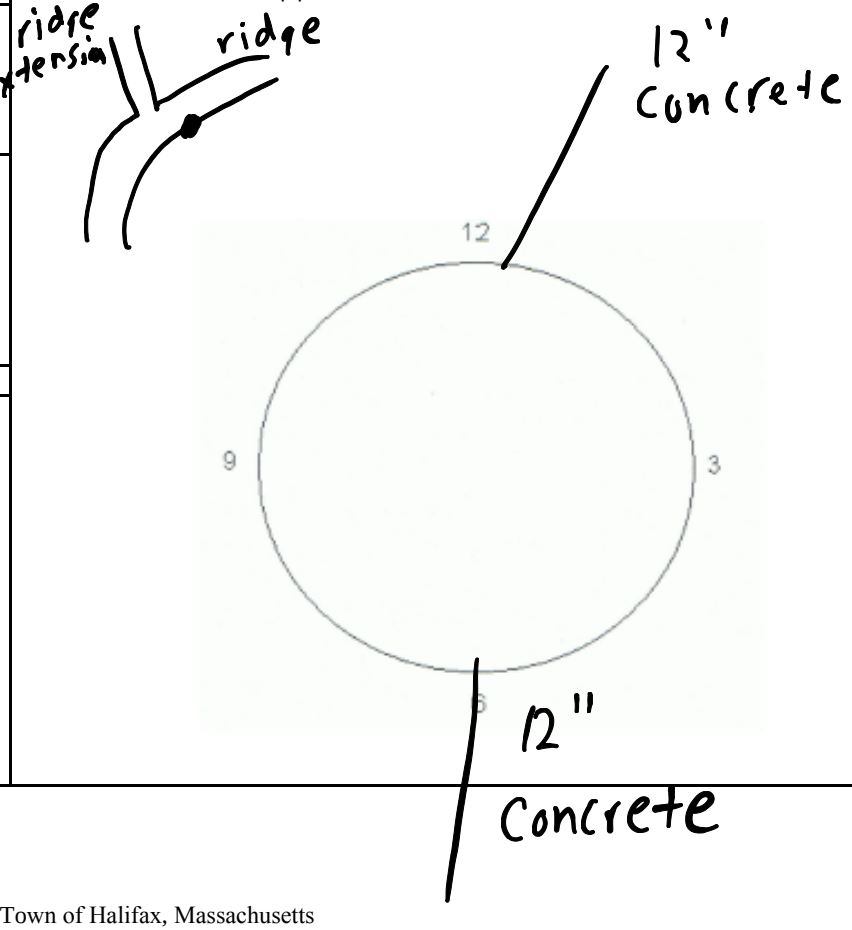
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 070

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

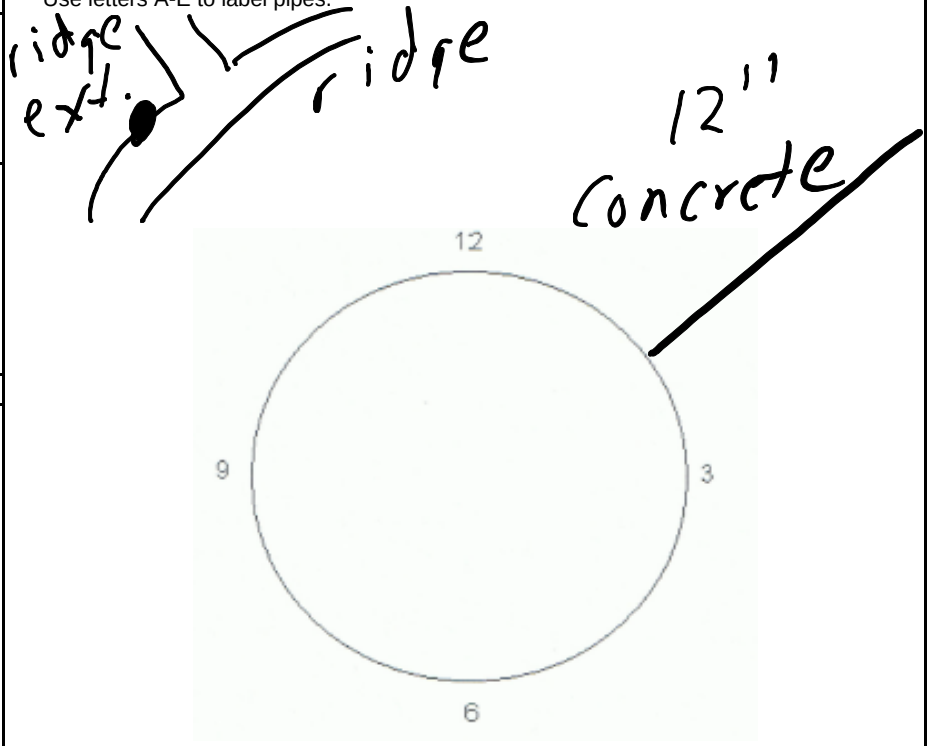
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 071

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

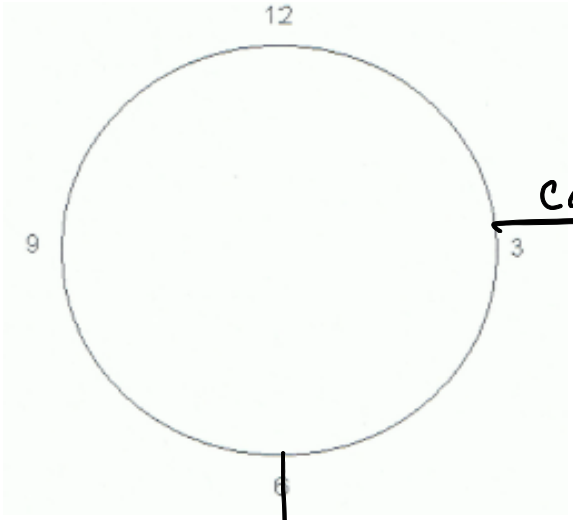
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

ridge
#46



12" Concrete

12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 072

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

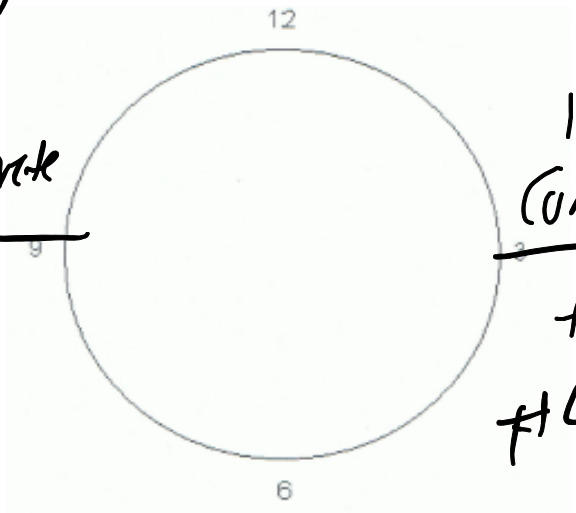
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

ridge
#416

#140



12" concrete

12" Concrete

to yard

#416

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 073

Location
- ☐ Easement / Cross Country
- ☐ Road: Baker Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

cracked pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

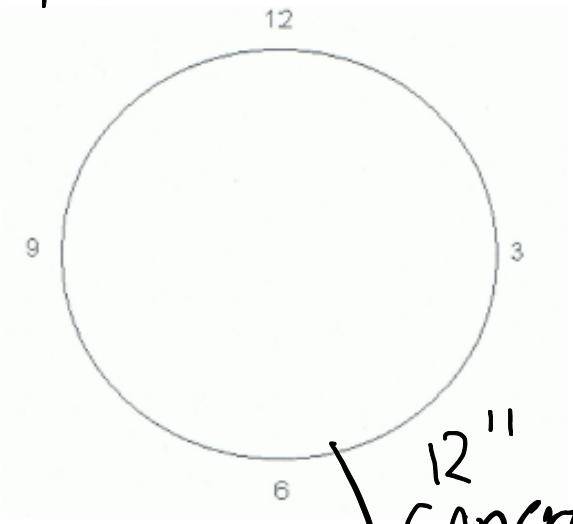
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Baker ridge



12" Concrete cracked

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 074

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

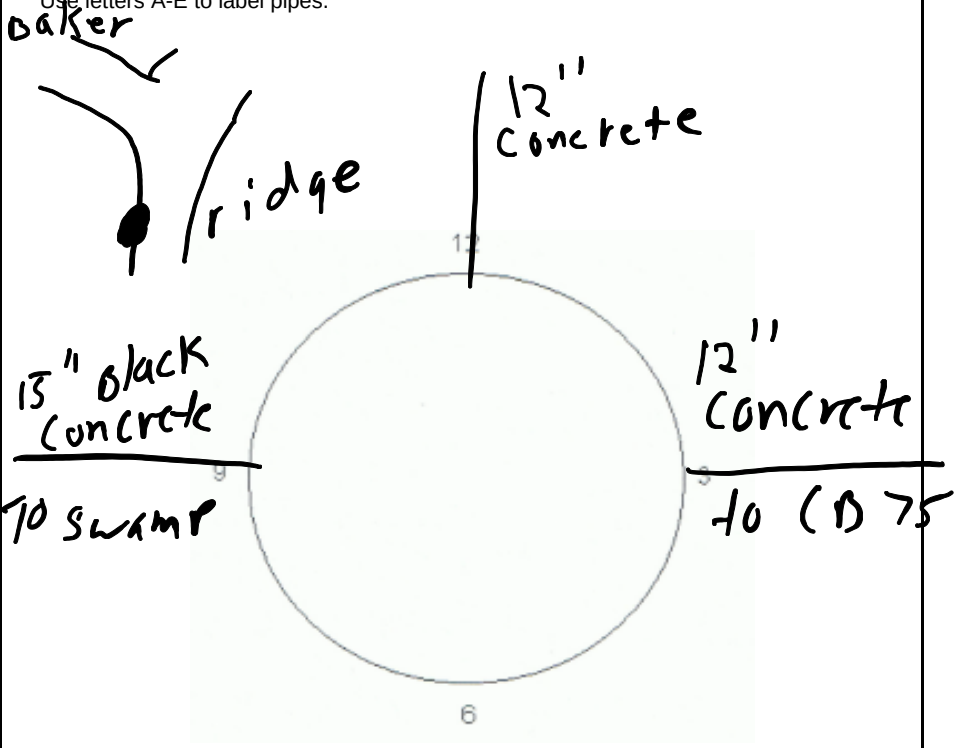
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 075

Location
- ☐ Easement / Cross Country
- ☐ Road: Ridge Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

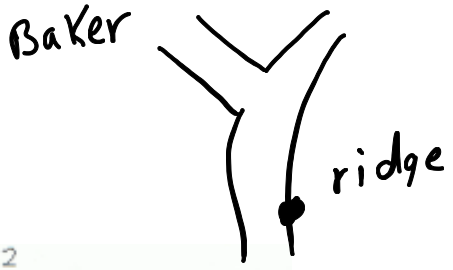
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

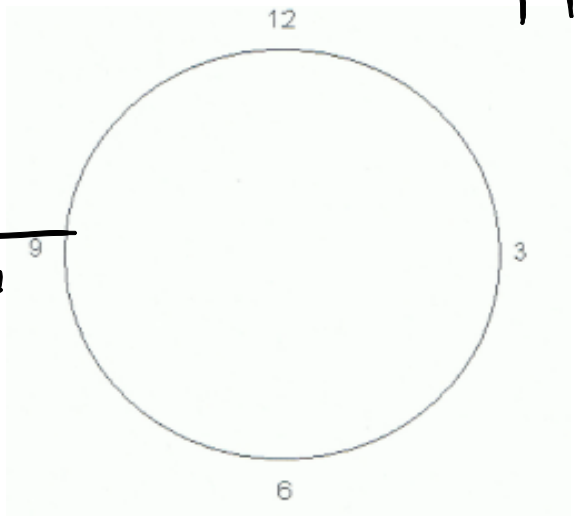
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" Concrete

to CB74

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 076

Location
- ☐ Easement / Cross Country
- ☐ Road: Baker Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

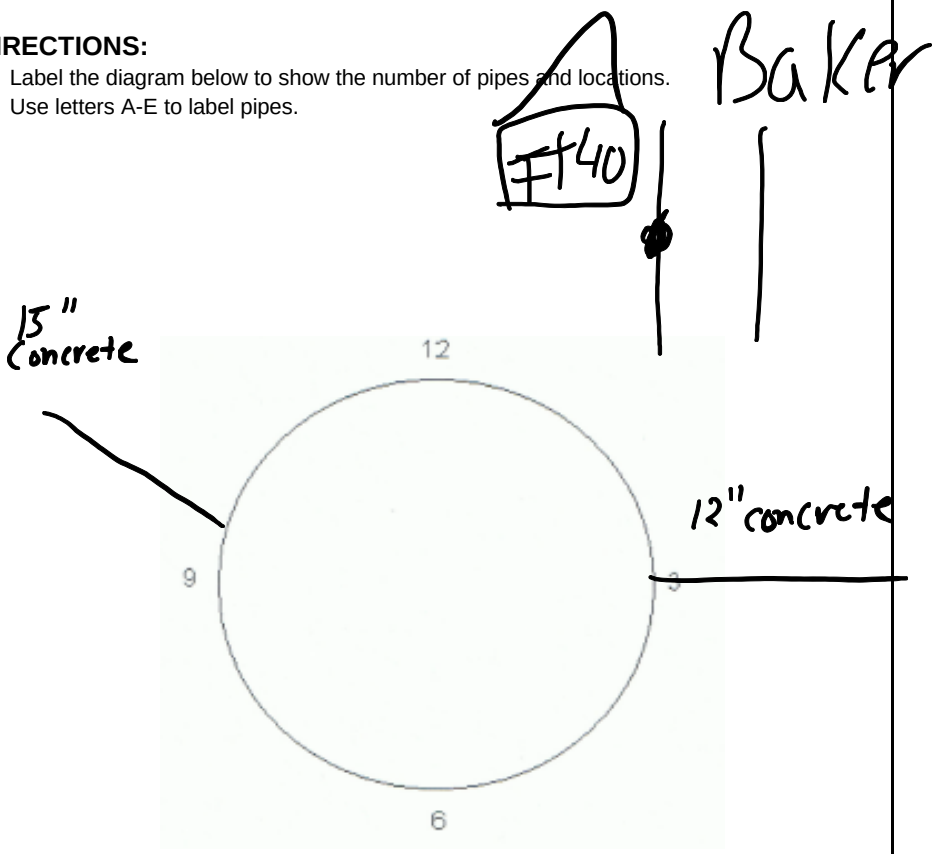
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 077

Location
- ☐ Easement / Cross Country
- ☐ Road: Baker Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

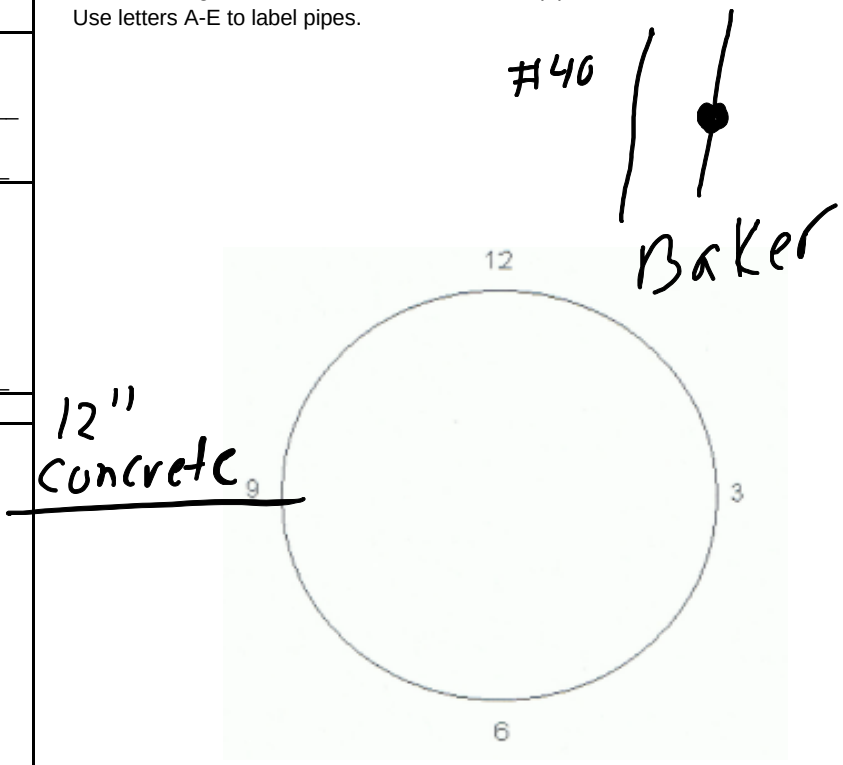
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 078

Location
- ☐ Easement / Cross Country
- ☐ Road: Warmsutta Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged (Broken end)
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

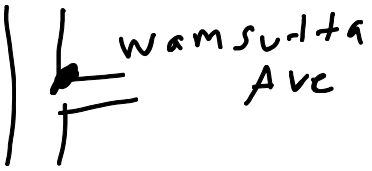
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

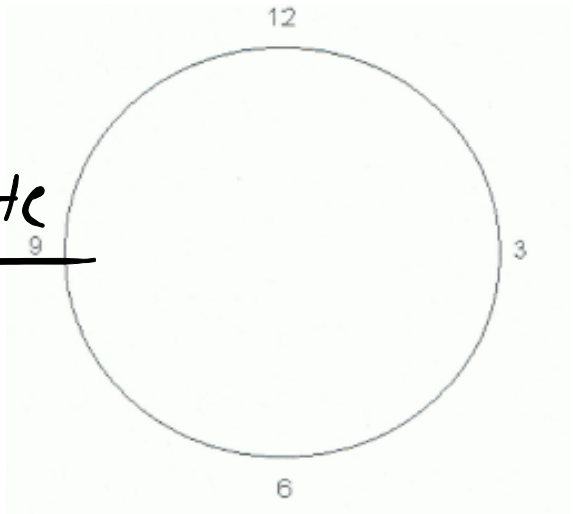
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 079

Location
- ☐ Easement / Cross Country
- ☐ Road: Wamsutta Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

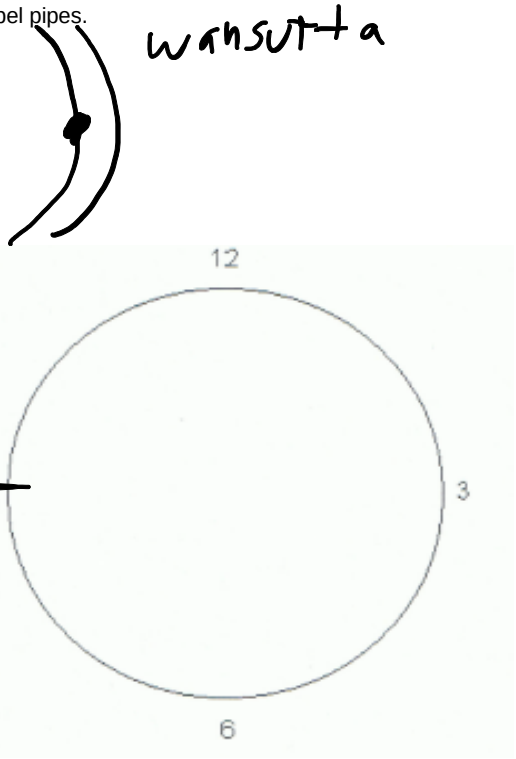
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 080

Location
- ☐ Easement / Cross Country
- ☐ Road: Wamsutta Avenue
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

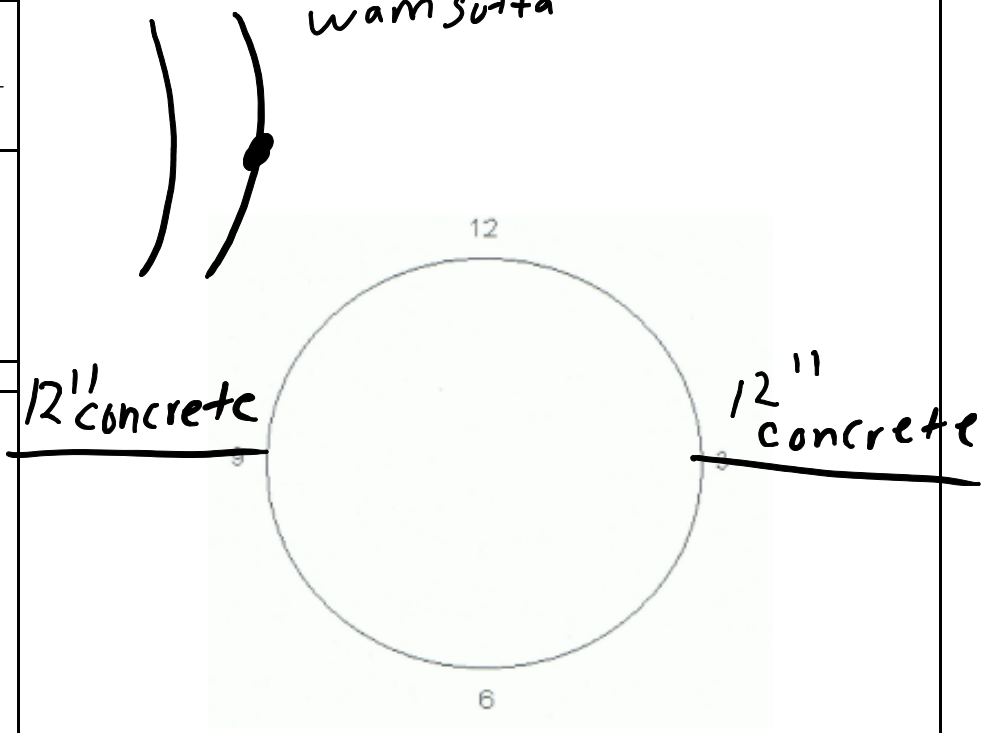
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Not shown on Map

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 081

Location
- ☐ Easement / Cross Country
- ☐ Road: Wamsutta Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

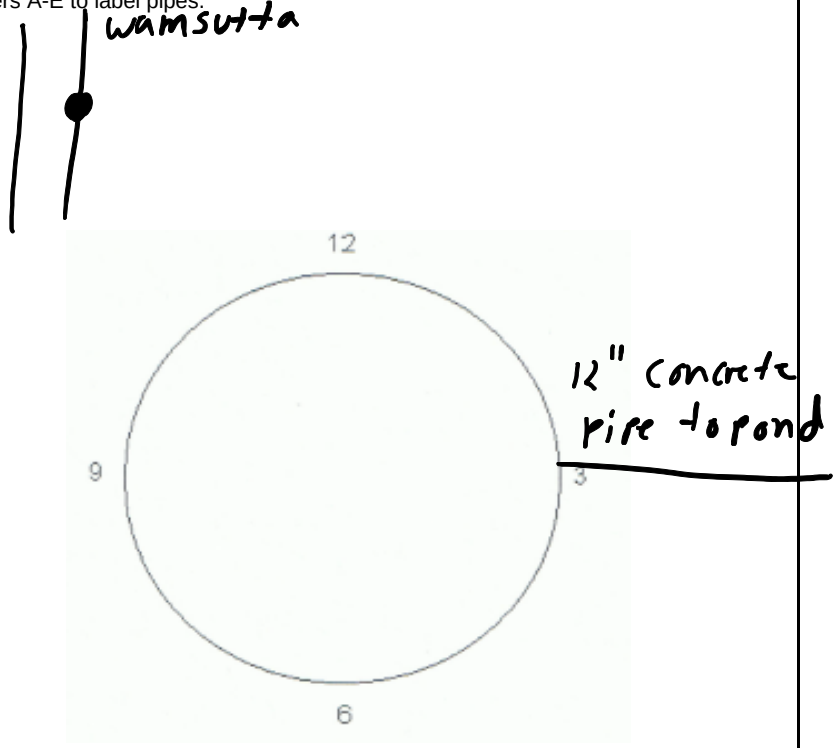
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Not on Map

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 082

Location
- ☐ Easement / Cross Country
- ☐ Road: Wamsutta Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

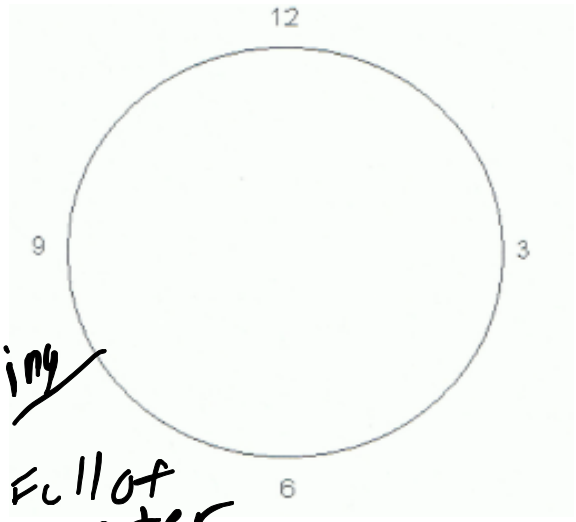
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

#67 wamsutta



to leaching pit Full of water

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 083

Location
- ☐ Easement / Cross Country
- ☐ Road: Lake Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Can't open

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

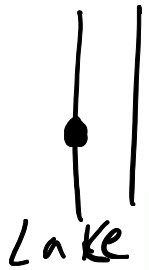
Drop Pipe
- ☐ Inside
- ☐ Outside

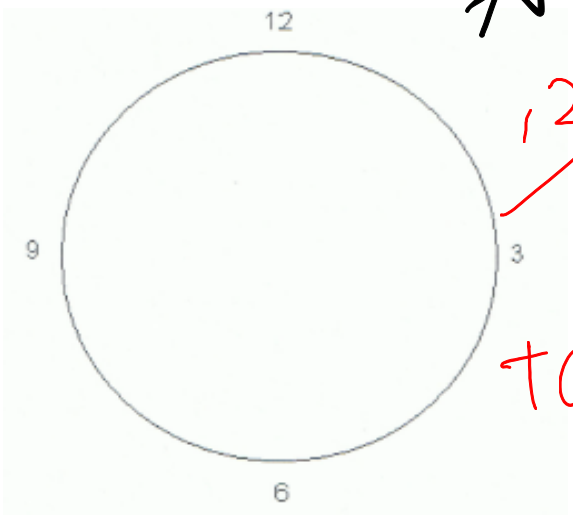
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Could not open Catch basin





12" ? CB to 84

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 084

Location
- ☐ Easement / Cross Country
- ☐ Road: Lake Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

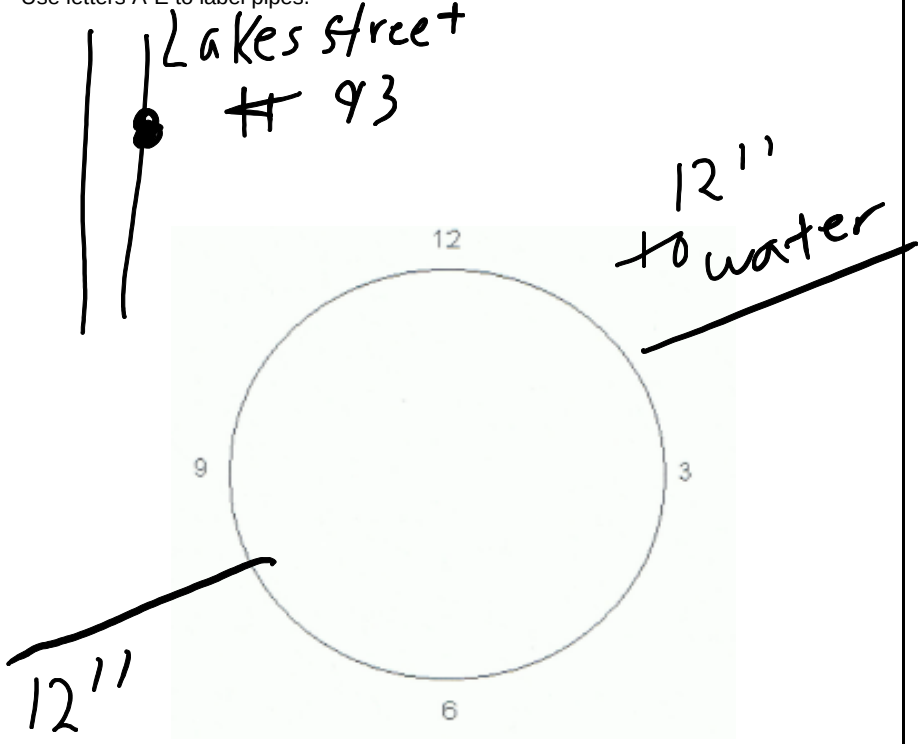
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 085

Location
- ☐ Easement / Cross Country
- ☐ Road: Lake Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

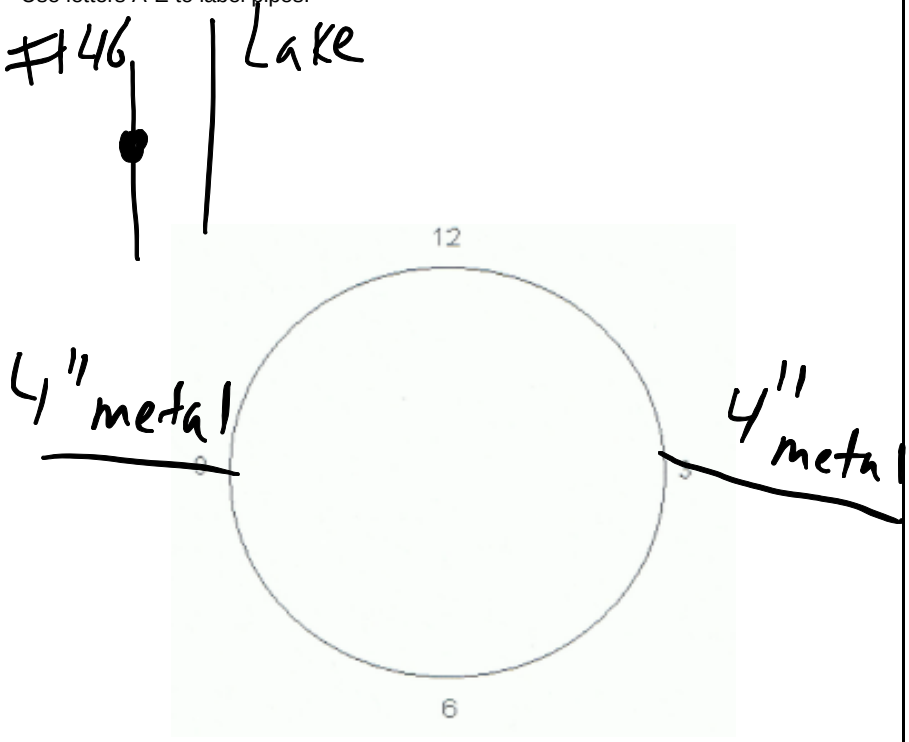
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 086

Location
- ☐ Easement / Cross Country
- ☐ Road: Holly Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

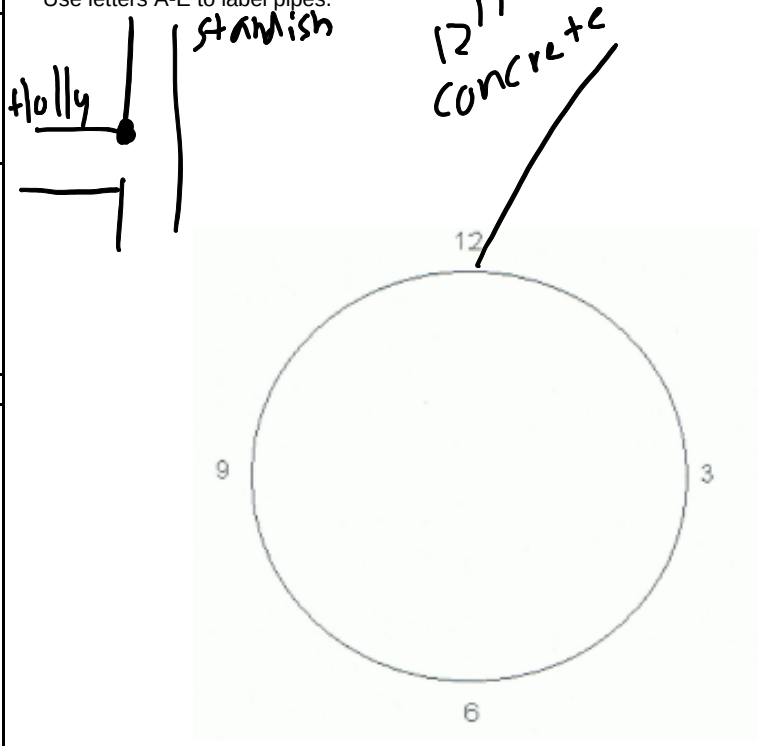
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 087

Location
- ☐ Easement / Cross Country
- ☐ Road: Holly Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

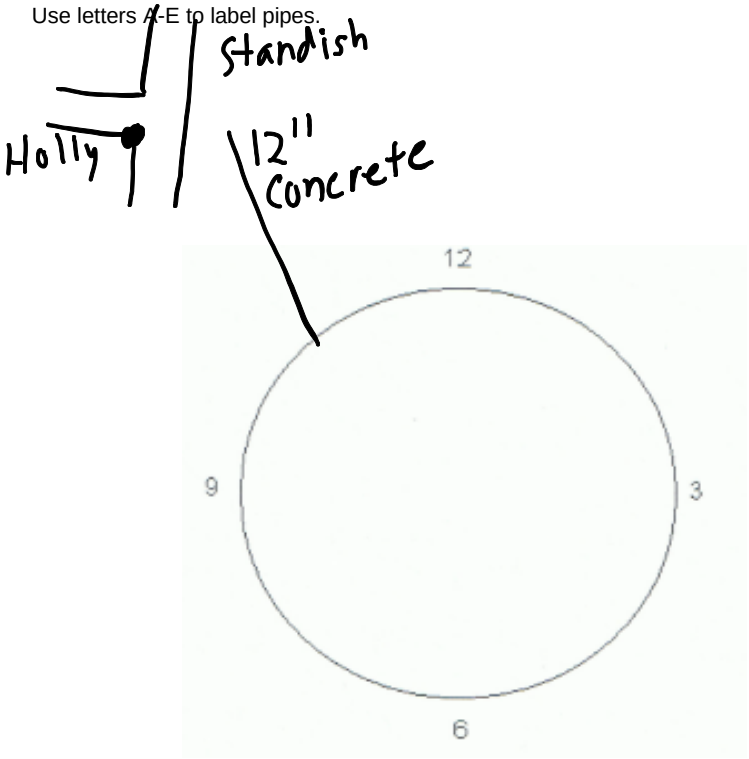
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 088

Location
- ☐ Easement / Cross Country
- ☐ Road: Standish Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

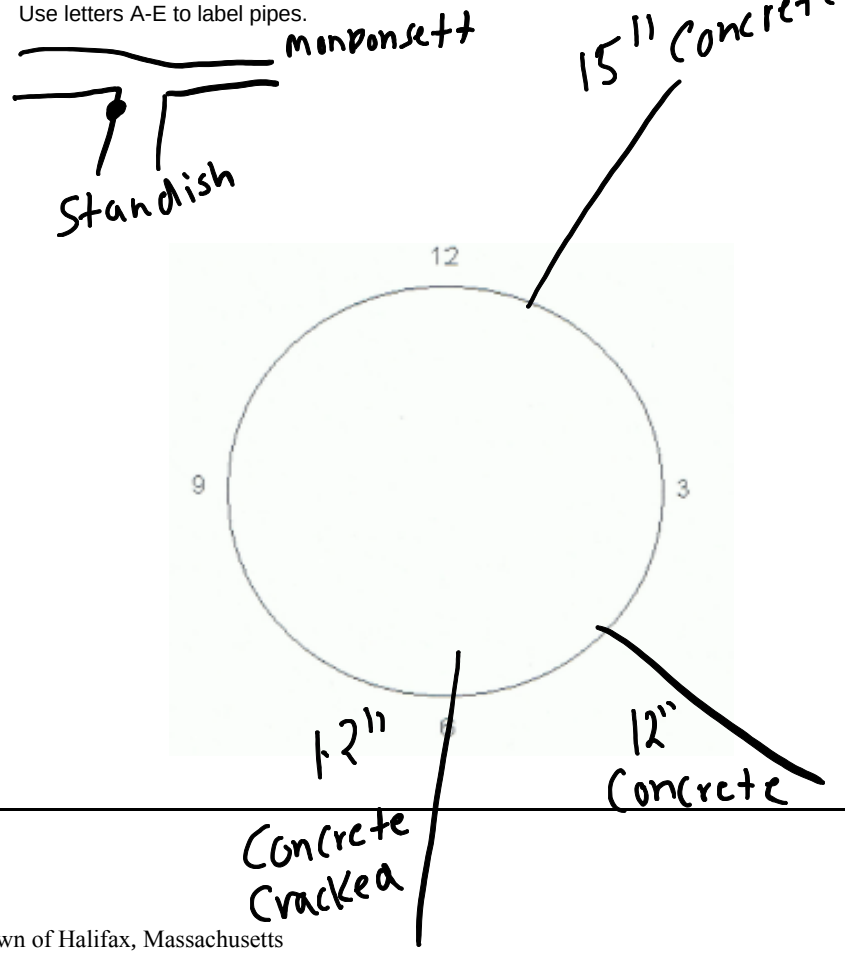
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 089

Location
- ☐ Easement / Cross Country
- ☐ Road: Standish Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

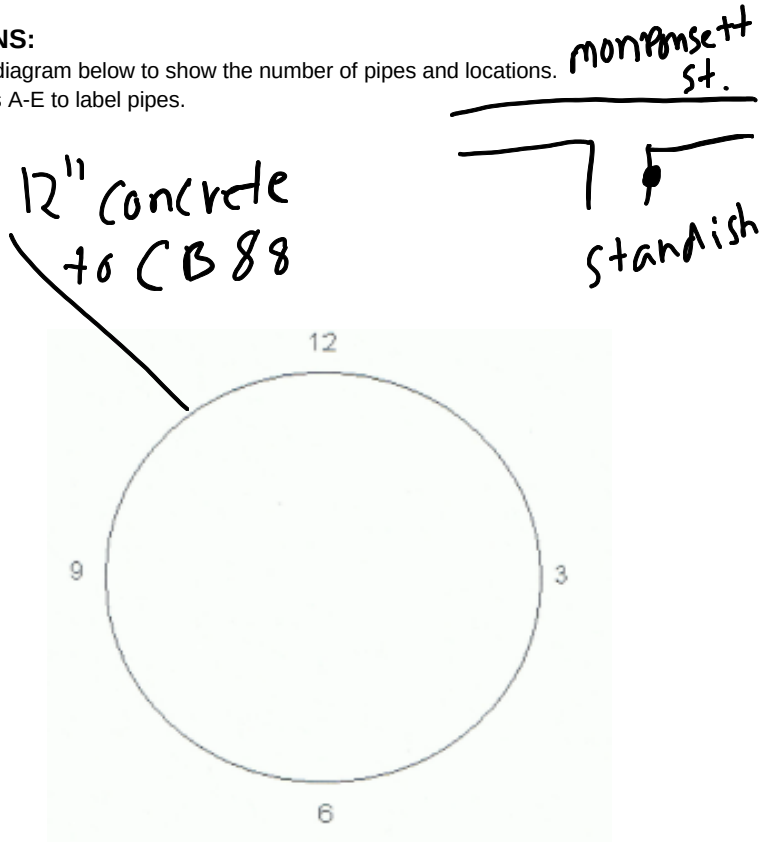
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 090

Location
- ☐ Easement / Cross Country
- ☐ Road: Old Ocean Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged — Little Damage inside
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

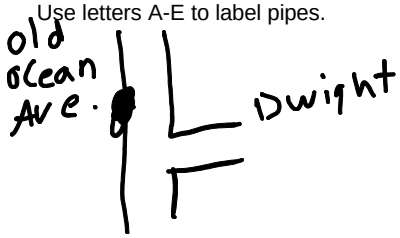
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

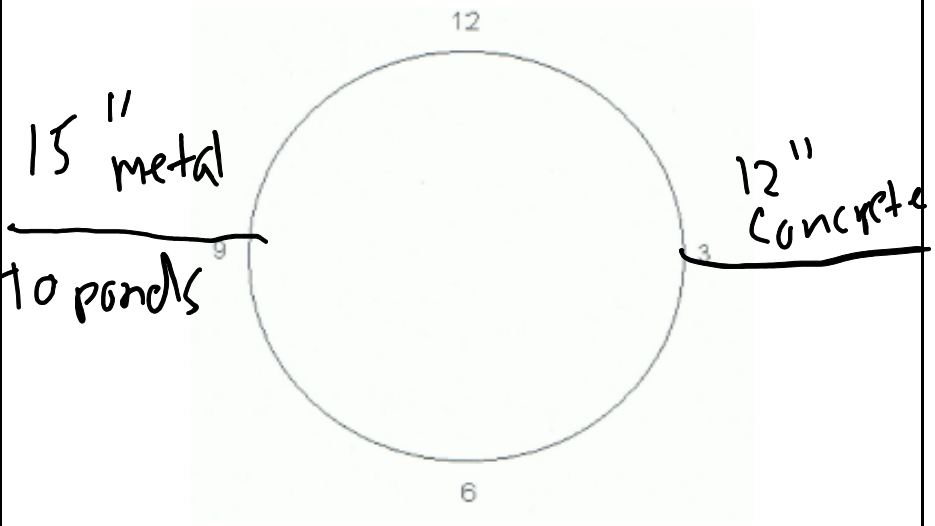
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 091

Location
- ☐ Easement / Cross Country
- ☐ Road: Old Ocean Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

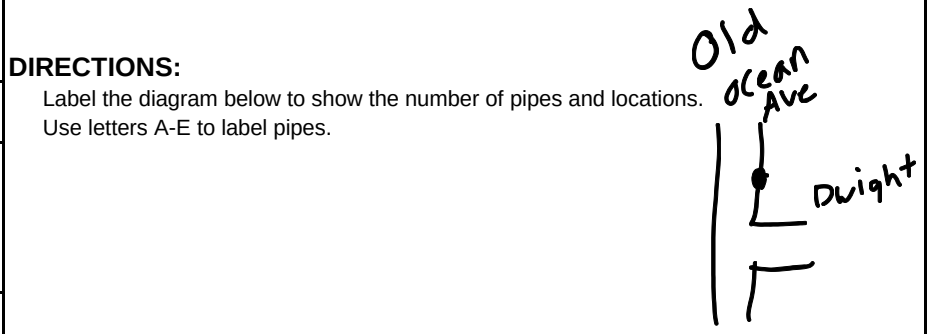
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

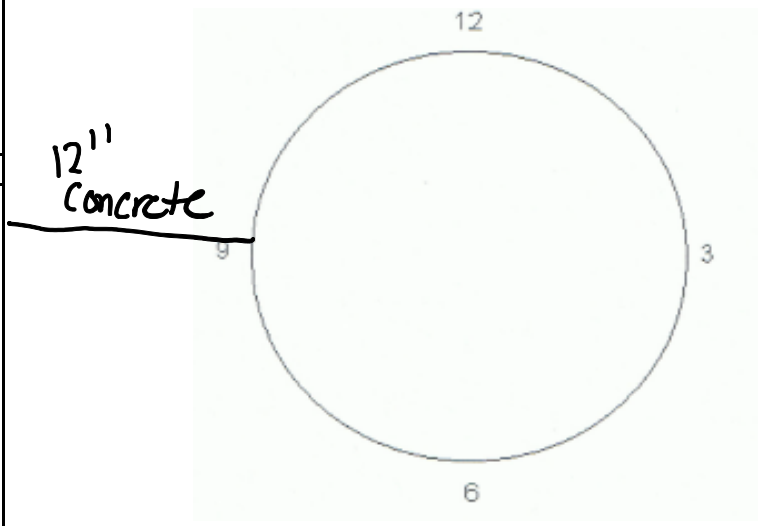
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.





12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 092

Location
- ☐ Easement / Cross Country
- ☐ Road: First Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

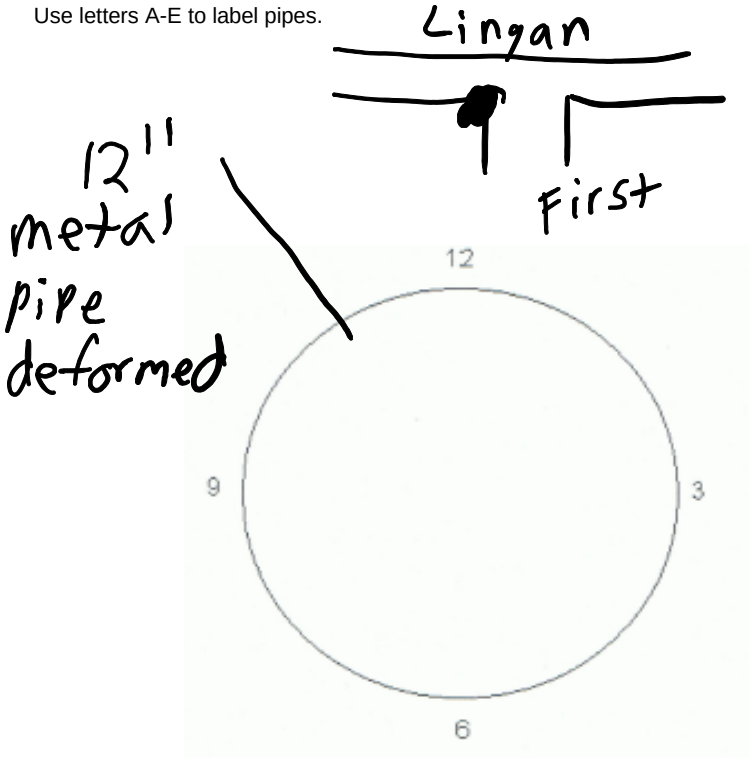
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 093

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

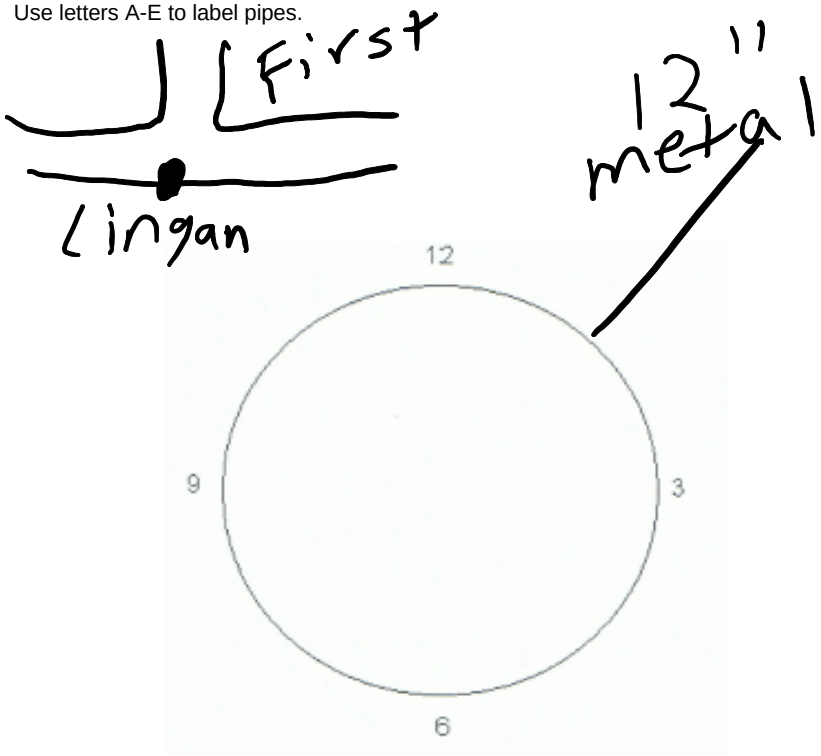
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 094

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

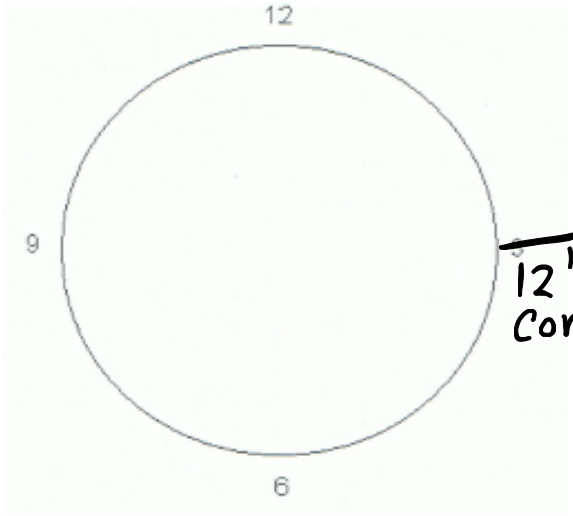
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 095

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

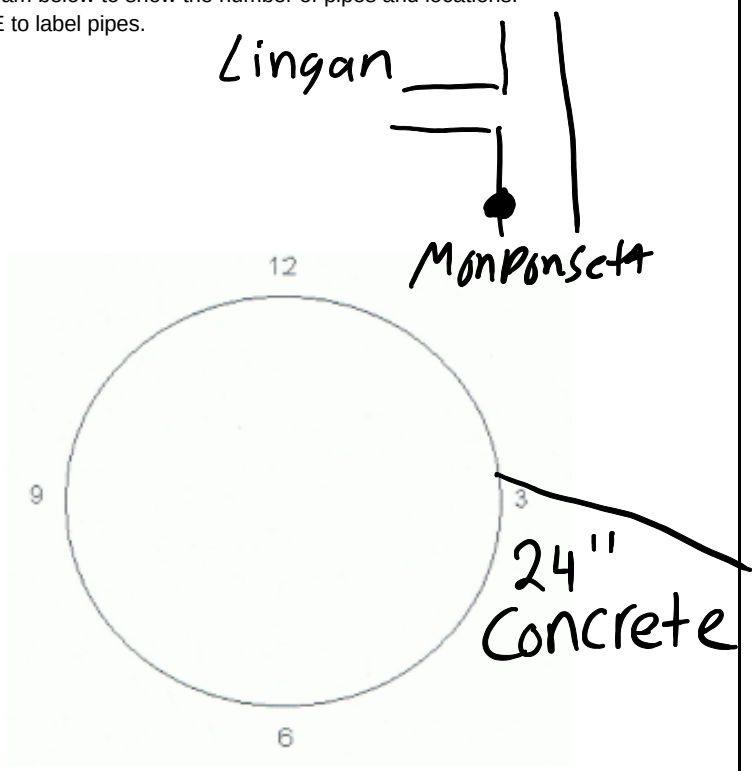
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 096

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

send to leaching chambers

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☐ rectangular
- ☑ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

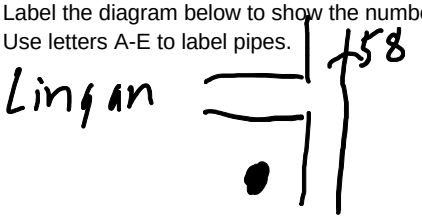
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

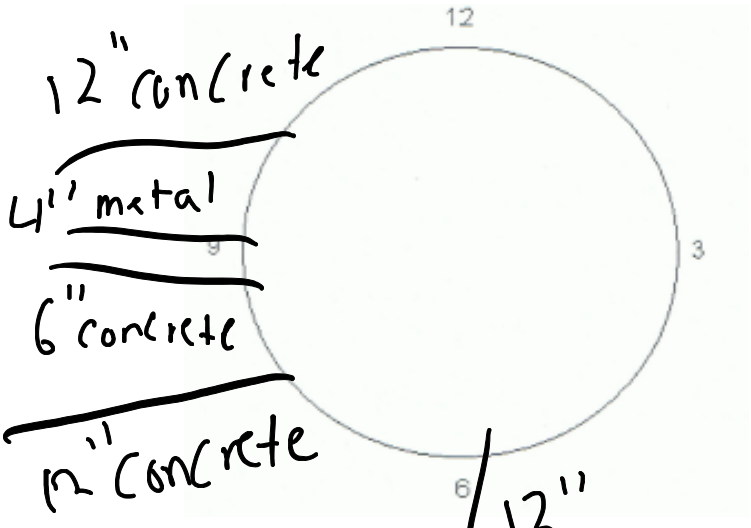
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 097

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

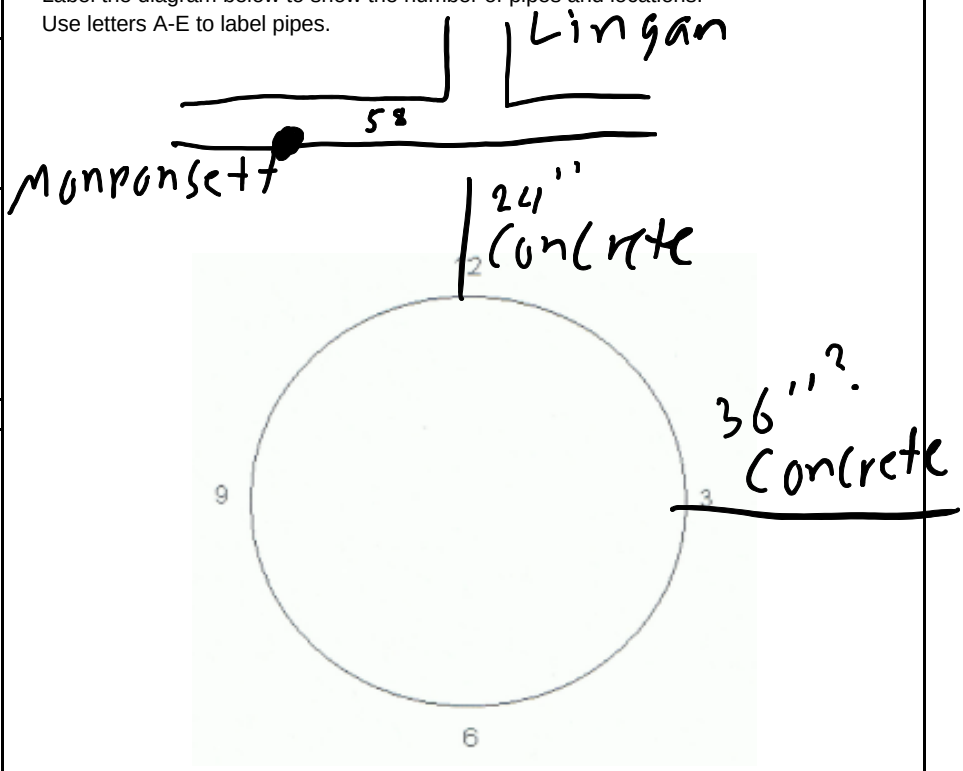
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 098

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

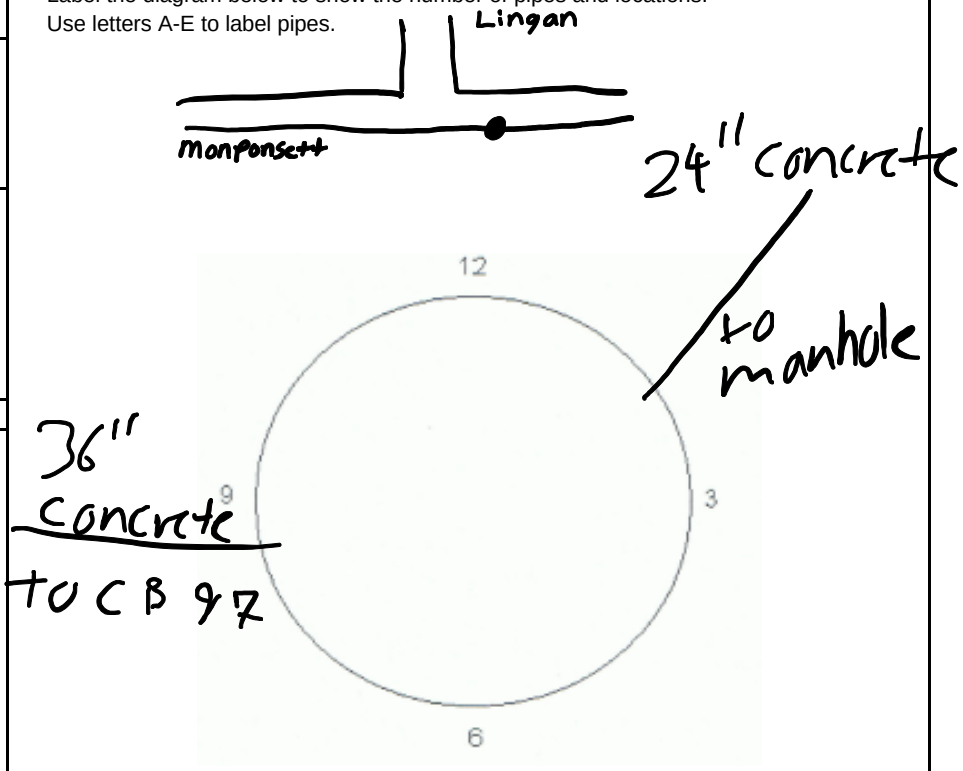
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 099

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

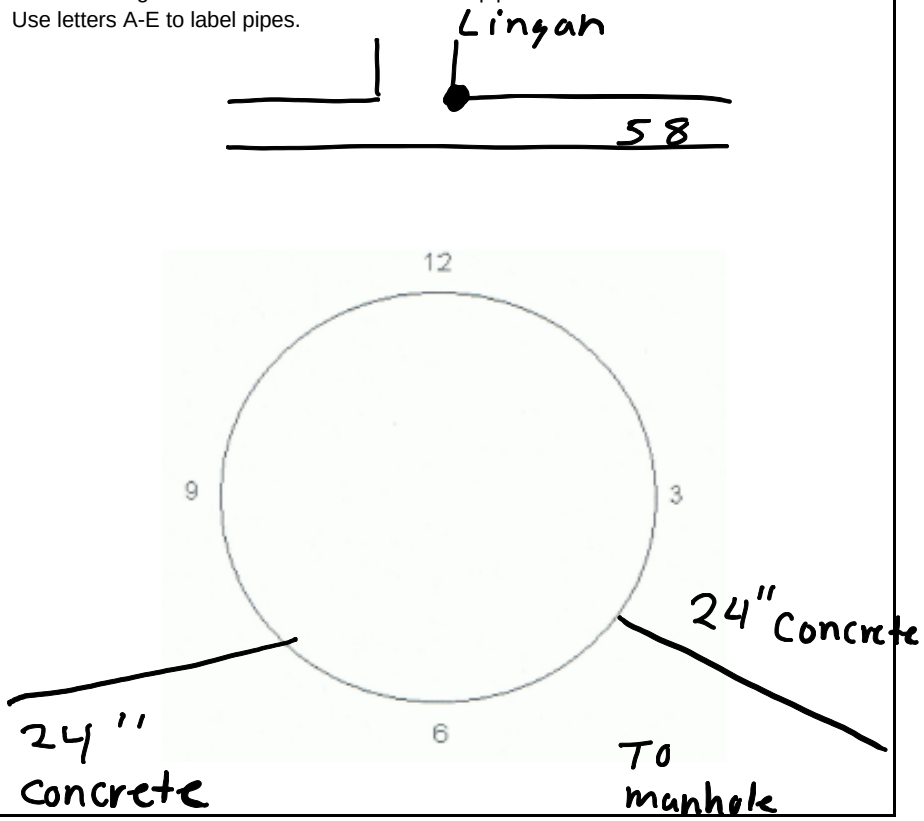
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 100

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

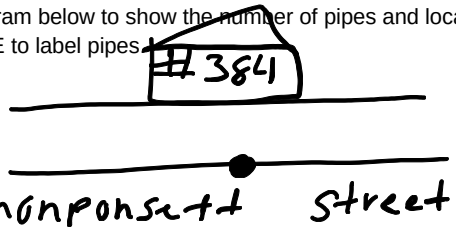
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

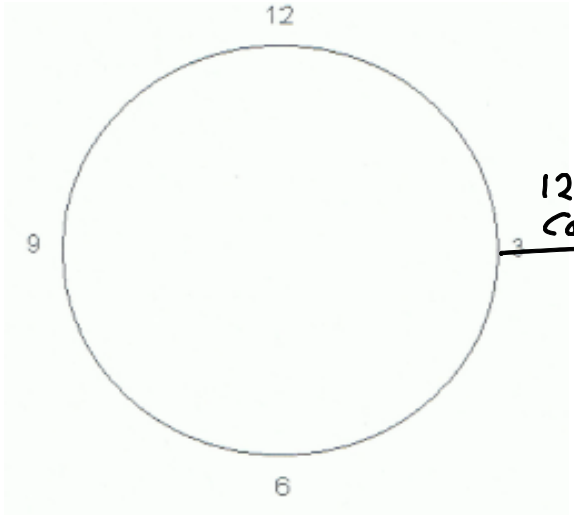
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 101

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

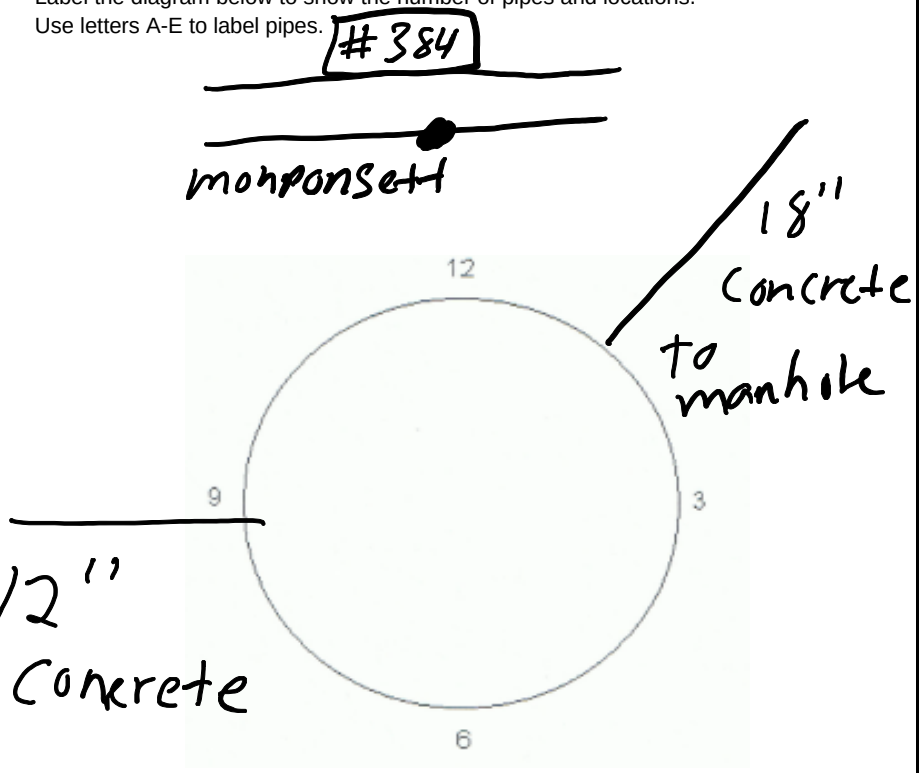
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 102

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

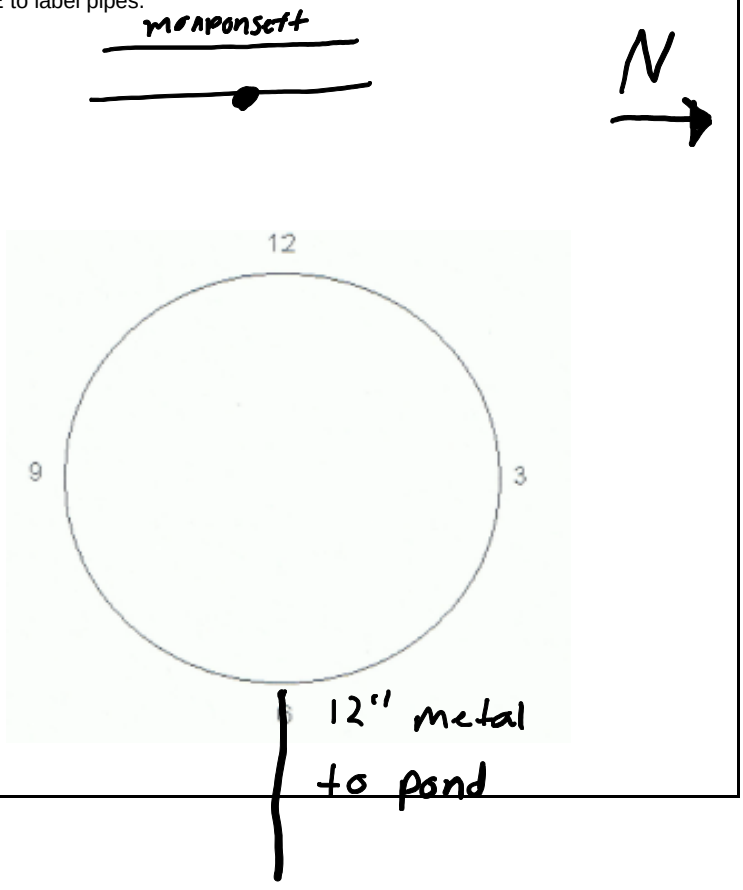
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 103

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

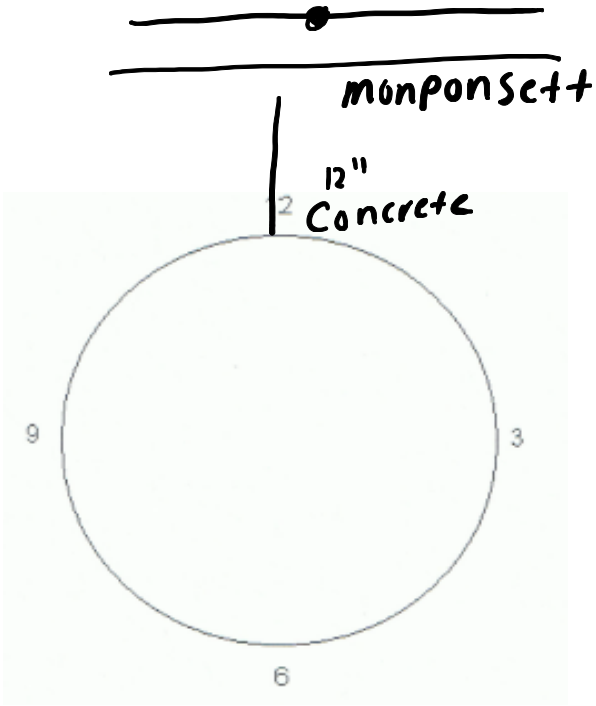
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 104

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: Full of water

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

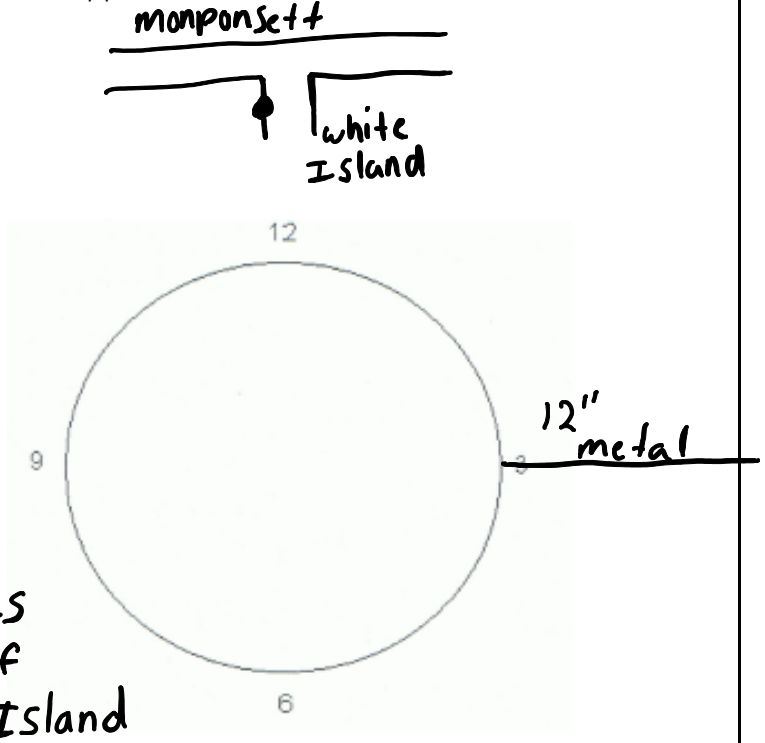
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Captures most of White Island

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 105

Location
- ☐ Easement / Cross Country
- ☐ Road: White Island Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

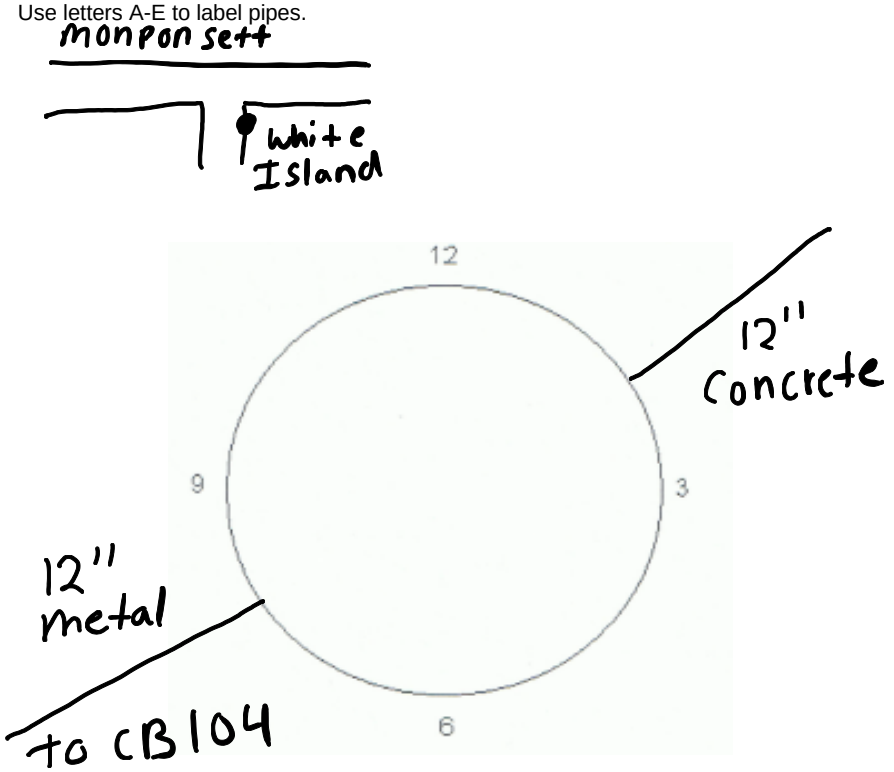
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 106

Location
- ☐ Easement / Cross Country
- ☐ Road: White Island Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

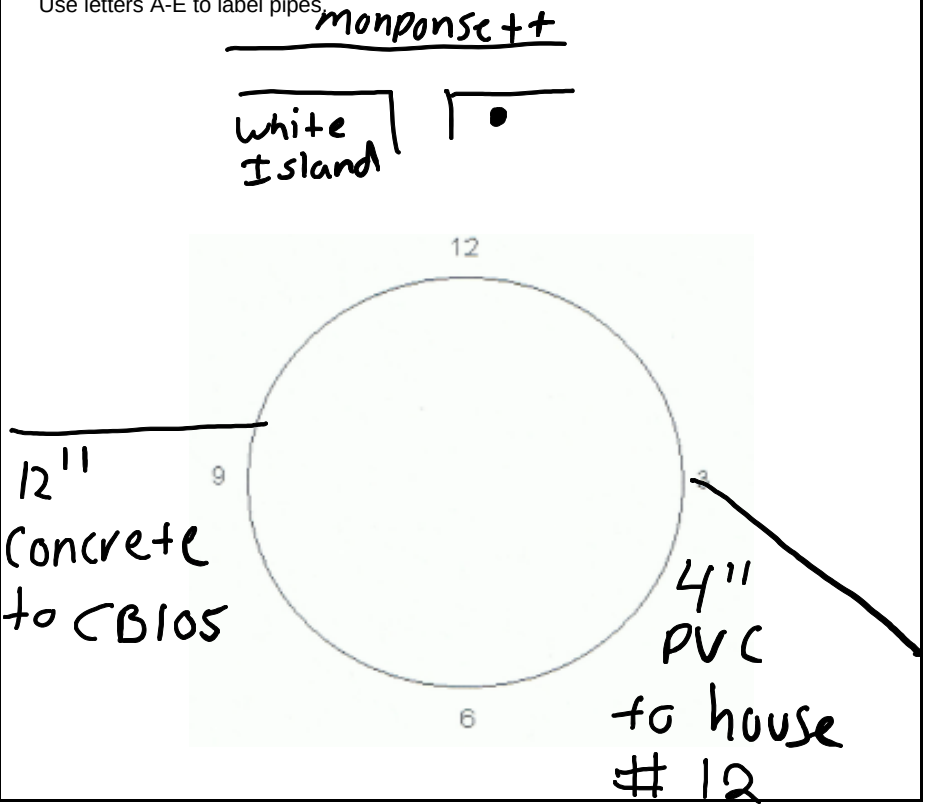
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.

Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 107

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

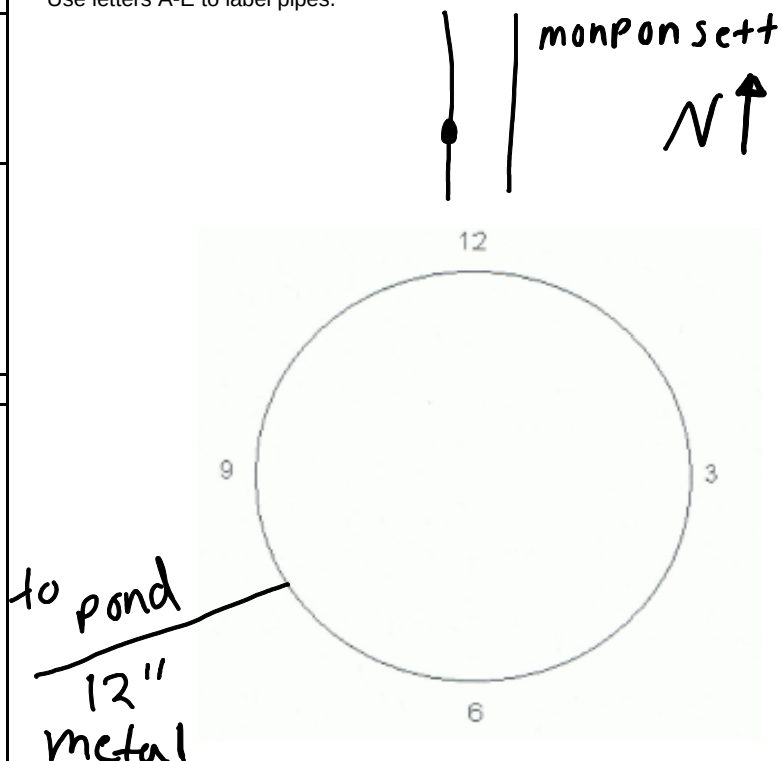
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



damaged

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 108

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

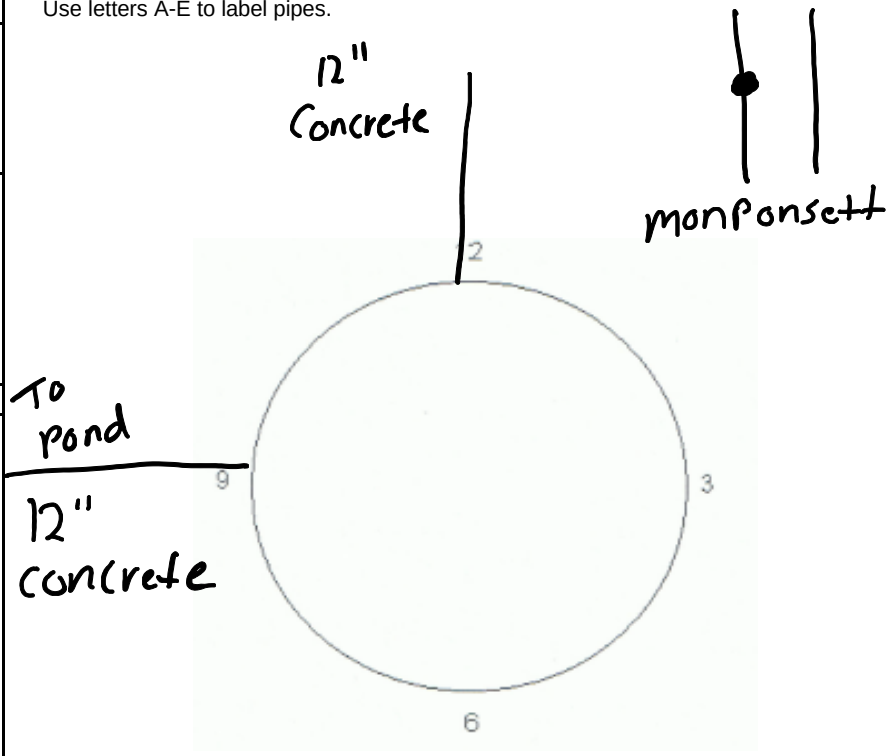
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 109

Location
- □ Easement / Cross Country
- □ Road: Monponsett Street
- □ CB Buried
- □ other_____

Type of CB
- ☑ Block
- □ Precast
- □ Other
- □

Condition of Structure
- ☑ Good
- □ Damaged
- □ Cracked
- □ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- □ round

Frame/Grate Condition
- □ Good
- ☑ Damaged
- □ Cracked
- □ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- □ Good
- □ Damaged:_____
- □ Cracked
- □ Other: _____

Odor
- □ None
- □ Sewer
- □ Petrolium (oil, gas, hazardous material)
- □ Paint
- □ household solutions
- □ Other: _____

# of Pipes
- □ Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe B

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe D

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE)
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe C

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe E

Invert Depth From Top of Rim:

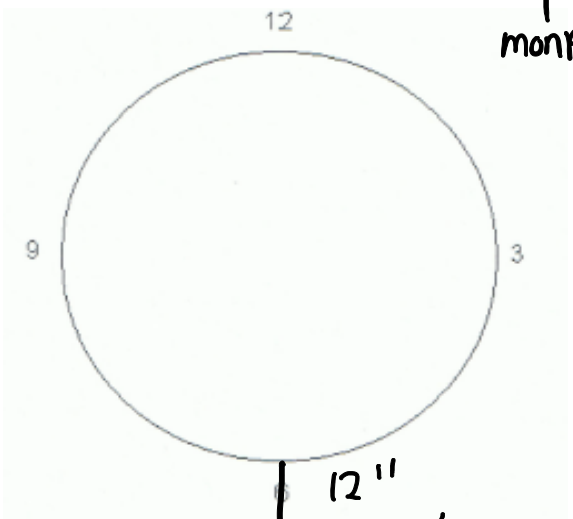
Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 110

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

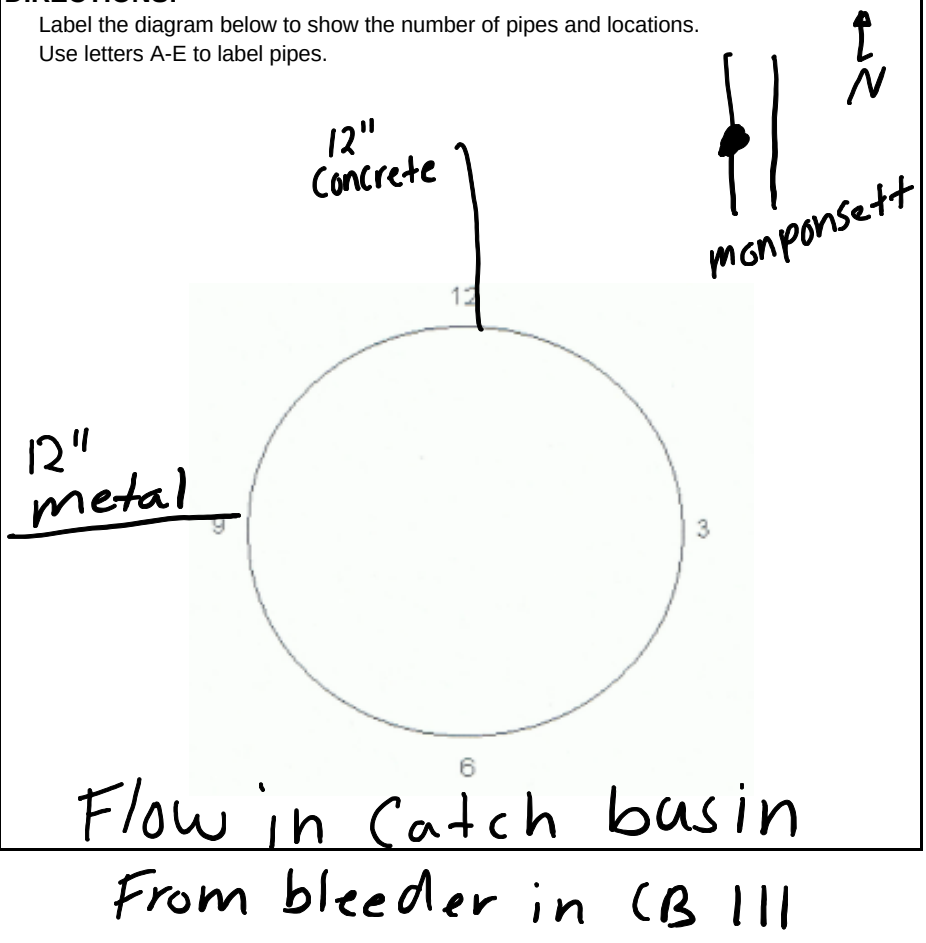
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 111

Location
- □ Easement / Cross Country
- □ Road: Monponsett Street
- □ CB Buried
- □ other_____

Type of CB
- ☑ Block
- □ Precast
- □ Other
- □

Condition of Structure
- ☑ Good
- □ Damaged
- □ Cracked
- □ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- □ round

Frame/Grate Condition
- ☑ Good
- □ Damaged
- □ Cracked
- □ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- □ Good
- □ Damaged:_____
- □ Cracked
- □ Other: _____

Odor
- □ None
- □ Sewer
- □ Petrolium (oil, gas, hazardous material)
- □ Paint
- □ household solutions
- □ Other: _____

# of Pipes
- □ Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe B

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe C

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe D

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE)
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe E

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

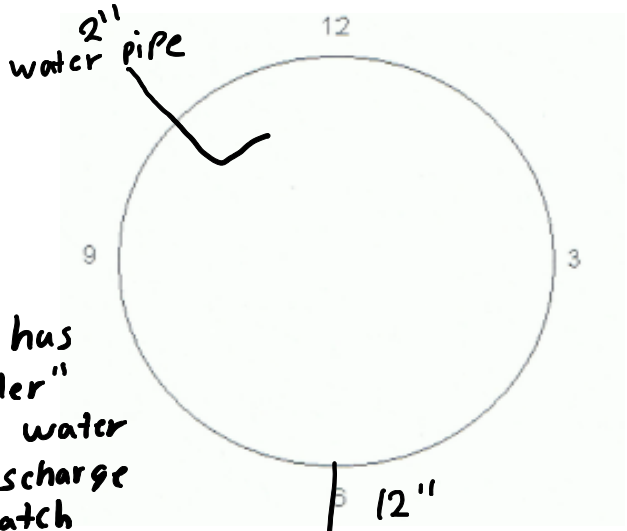
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

Monponsett

N



Halifax has a "bleeder" for its water line discharge into catch basin.

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 112

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

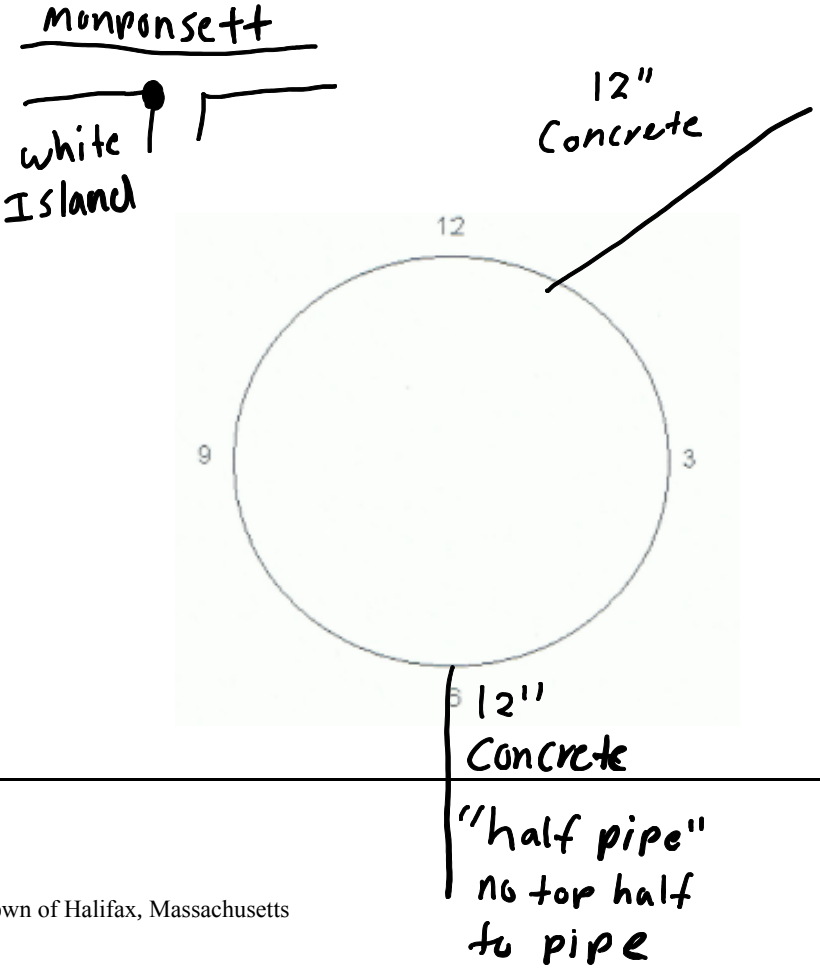
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 113

Location
- ☐ Easement / Cross Country
- ☐ Road: White Island Road
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

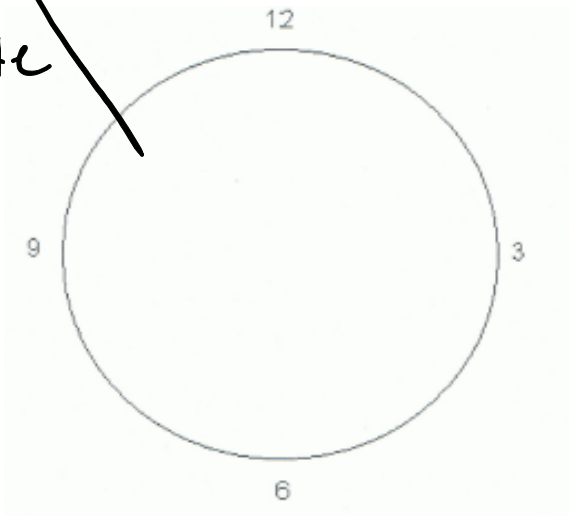
DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Monponsett

White Island

12" Concrete



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 114

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

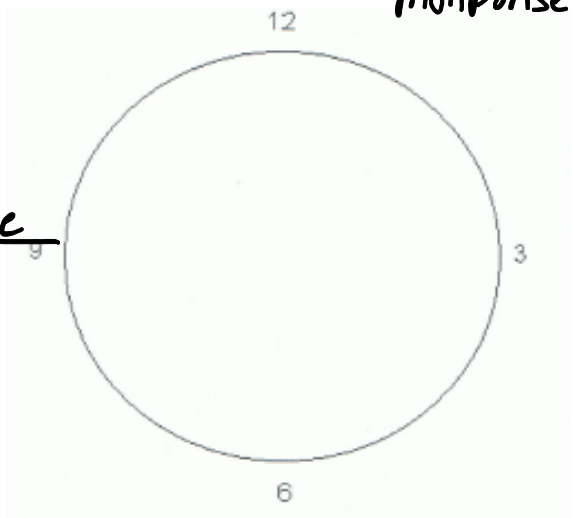
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



12" Concrete to pond

N

Monponsett

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 115

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

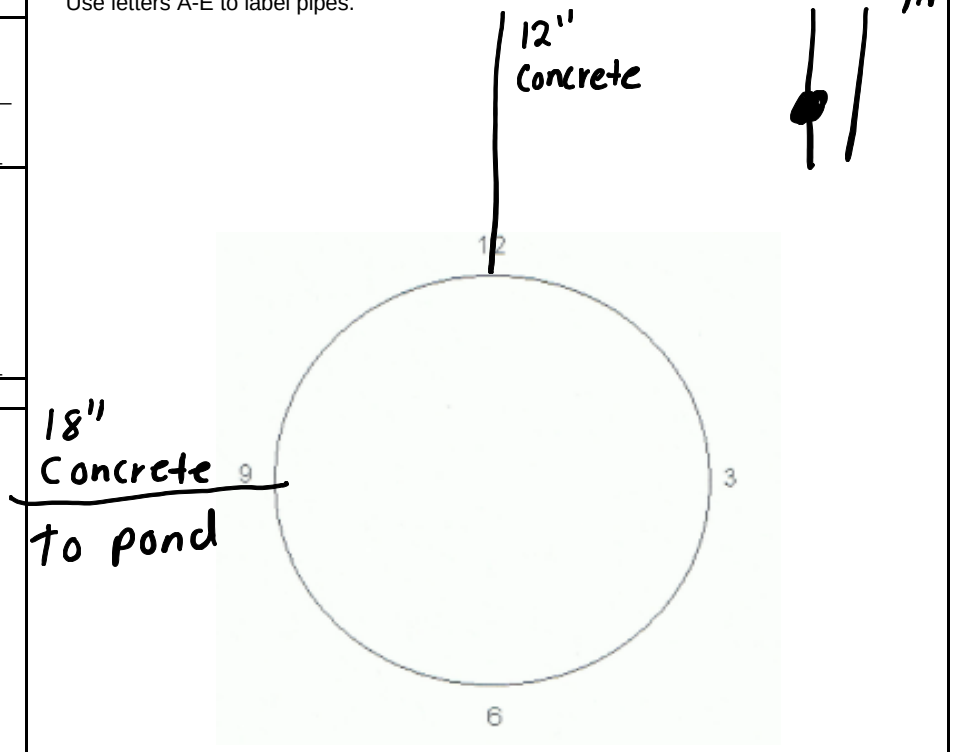
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 116

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: Cracked pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

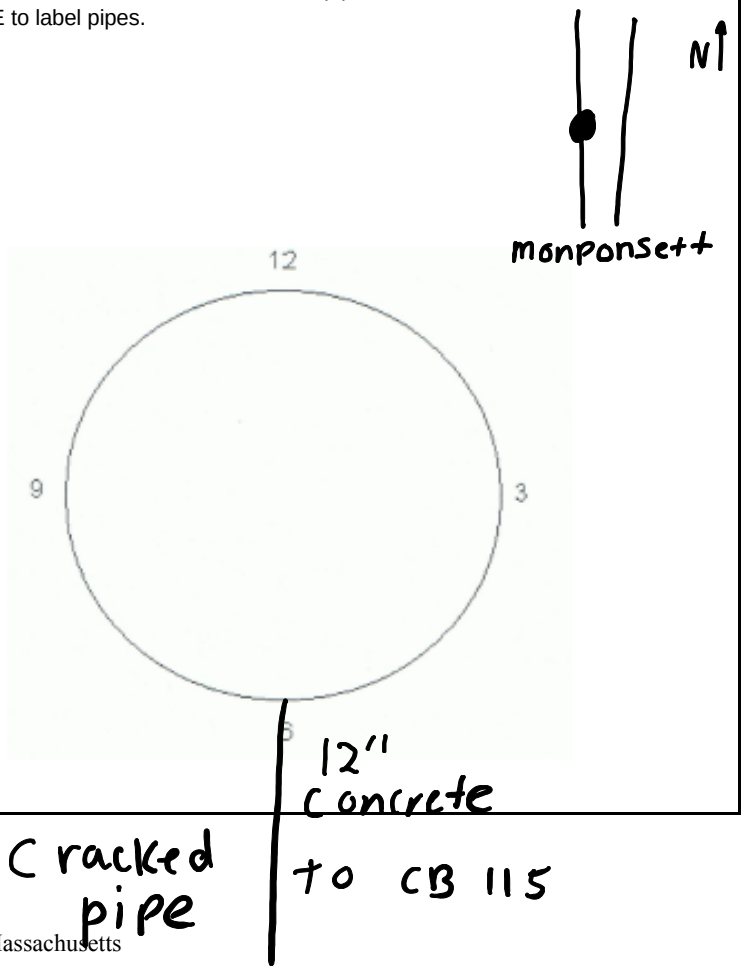
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 117

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

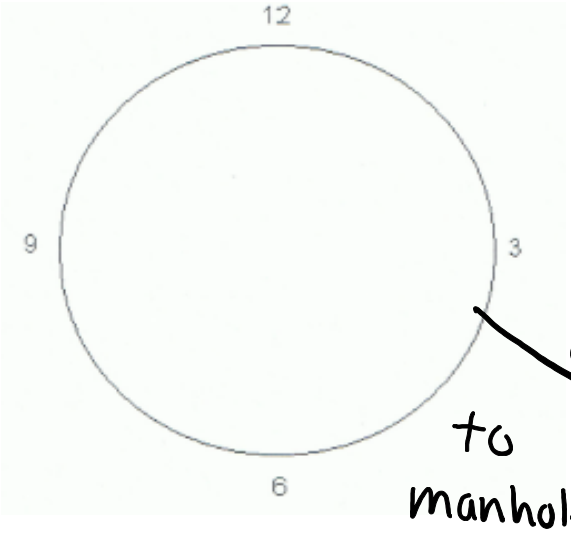
DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Monponsett

N

Could not open manhole



12" Concrete to manhole

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 118

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

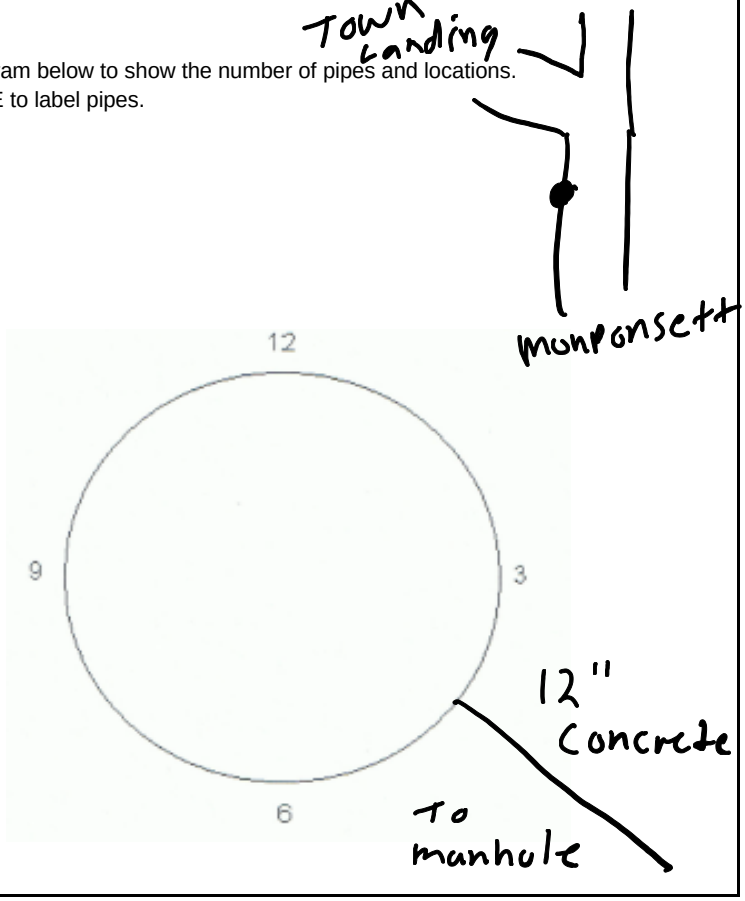
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 119

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: pipe may be too high

1.5 feet of water

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

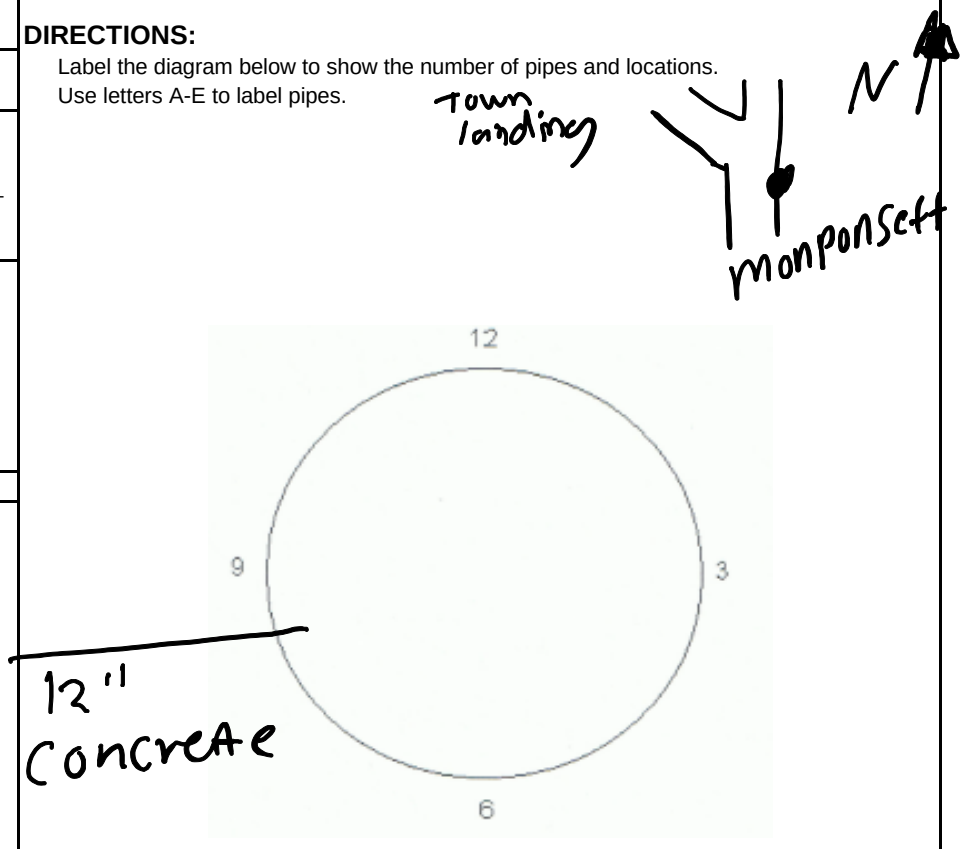
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 120

Location
- ☐ Easement / Cross Country
- ☐ Road: Town Landing/Boat Ramp
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: type of Settling System

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

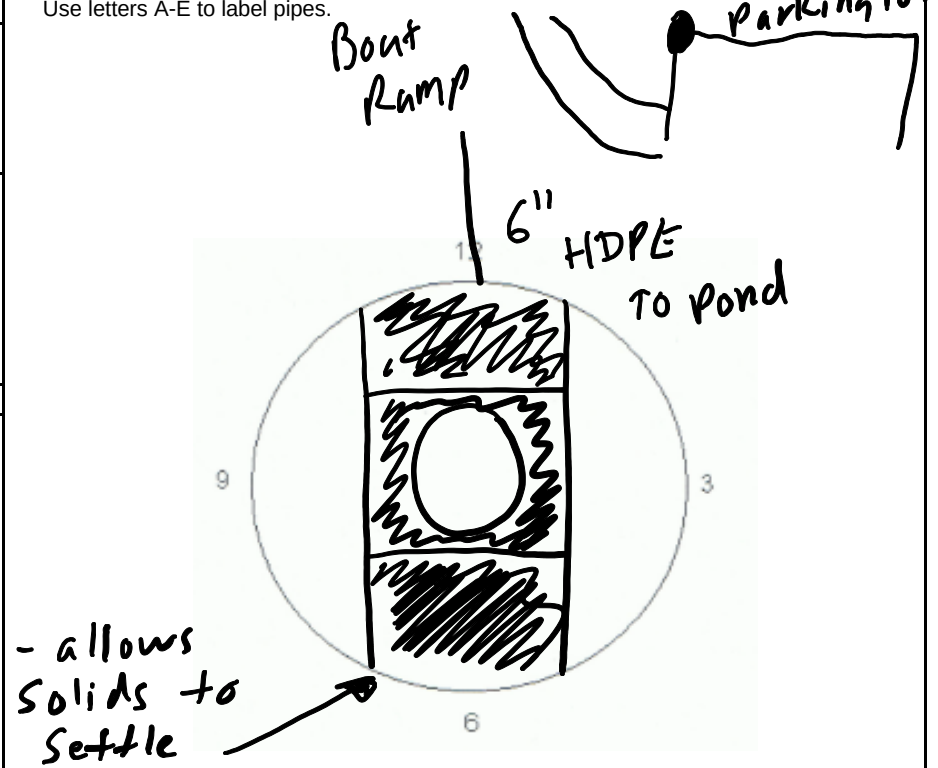
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 121

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

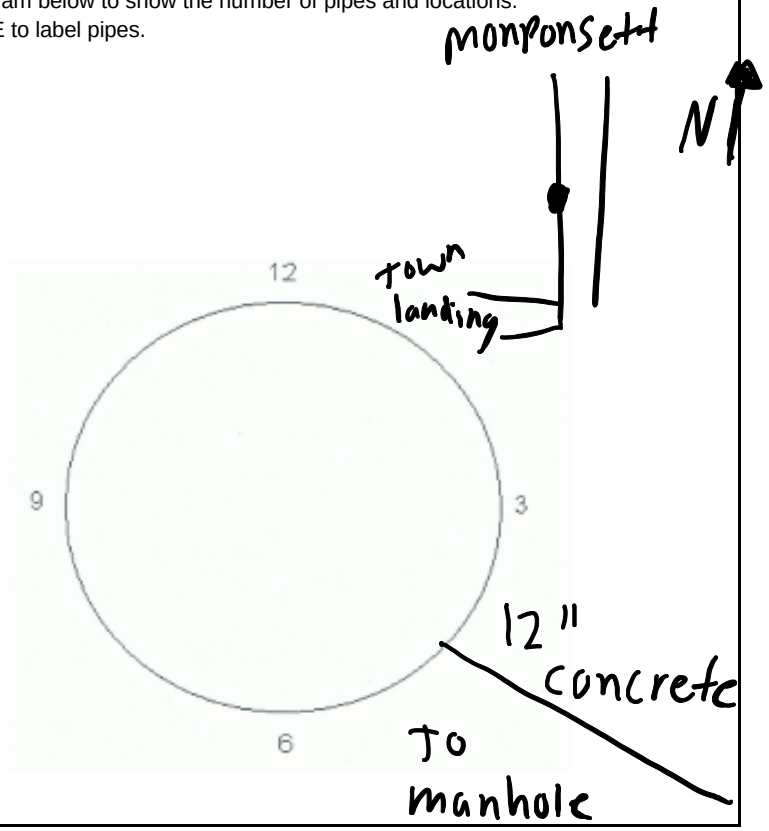
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 122

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

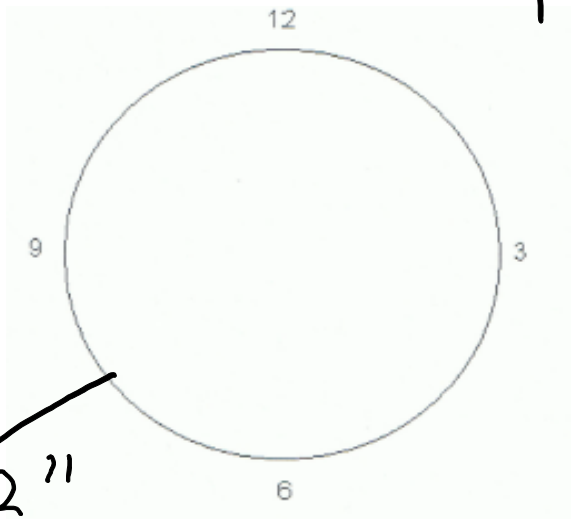
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

monponsett



12" concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 123

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Full of leaves
  no pipes visible at first

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

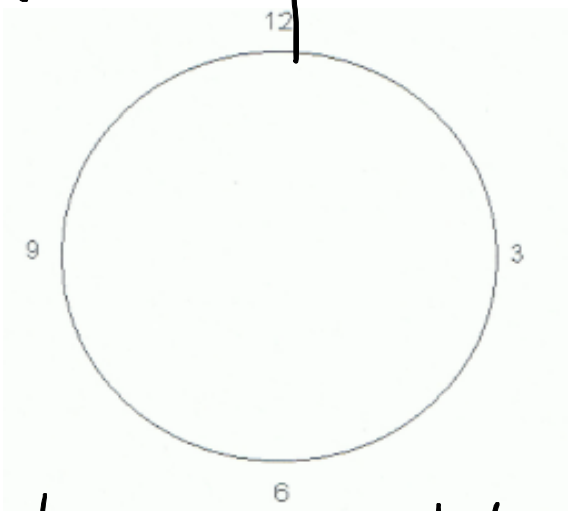
DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

monponsett

505

12" Concrete



Had to remove lots of leaves and debris to find pipe

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 124

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

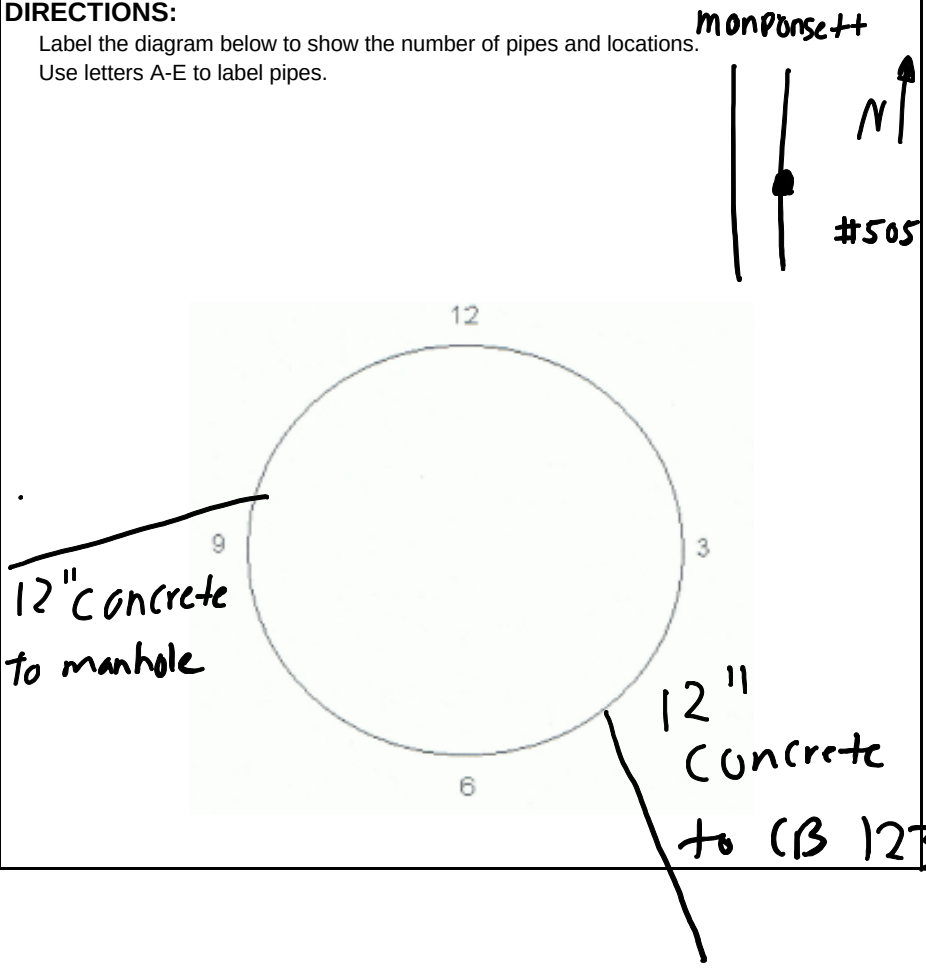
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 125

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Stret
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

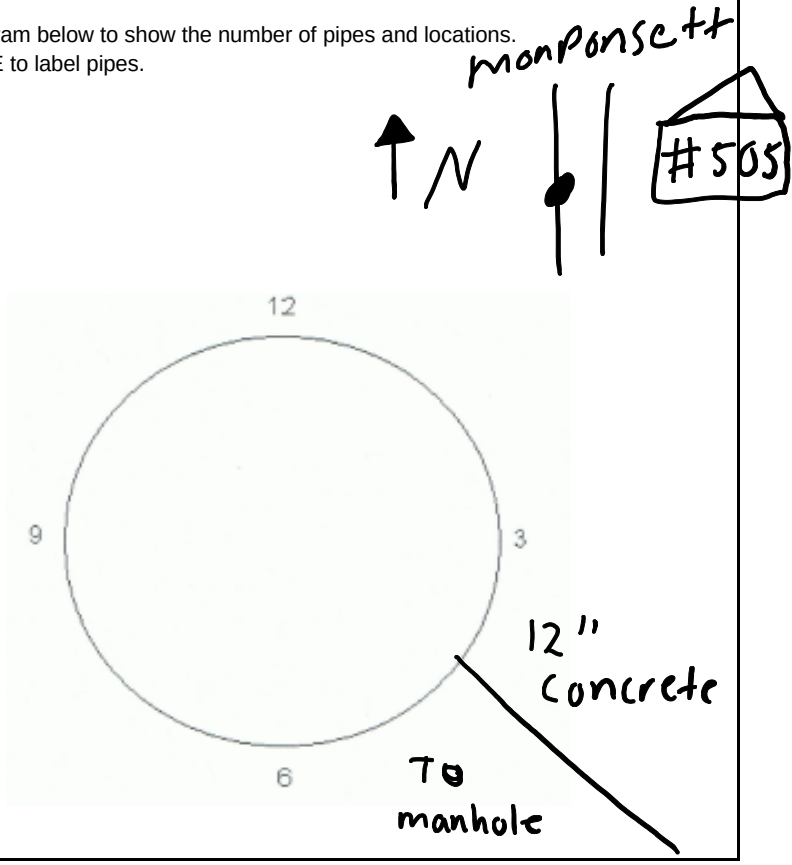
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 126

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

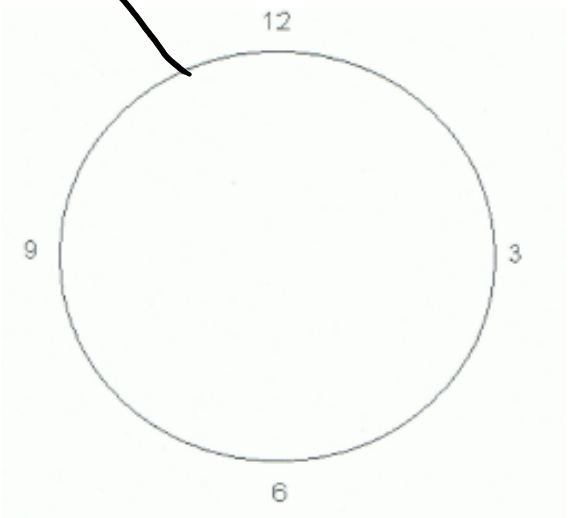
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

monponsett

12" Concrete to manhole



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 127

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☑ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

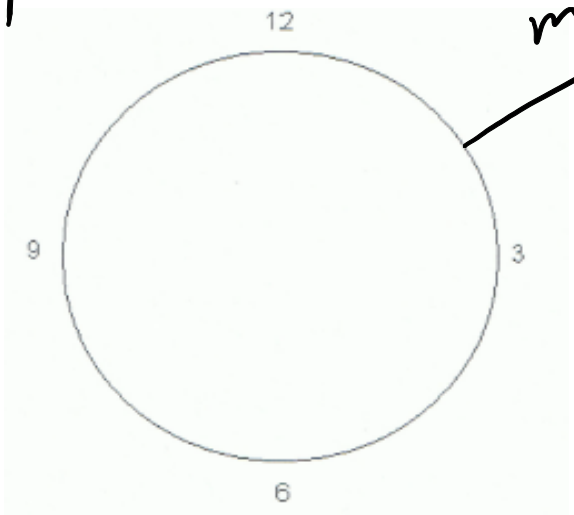
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

550



TO manhole
12" concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 128

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

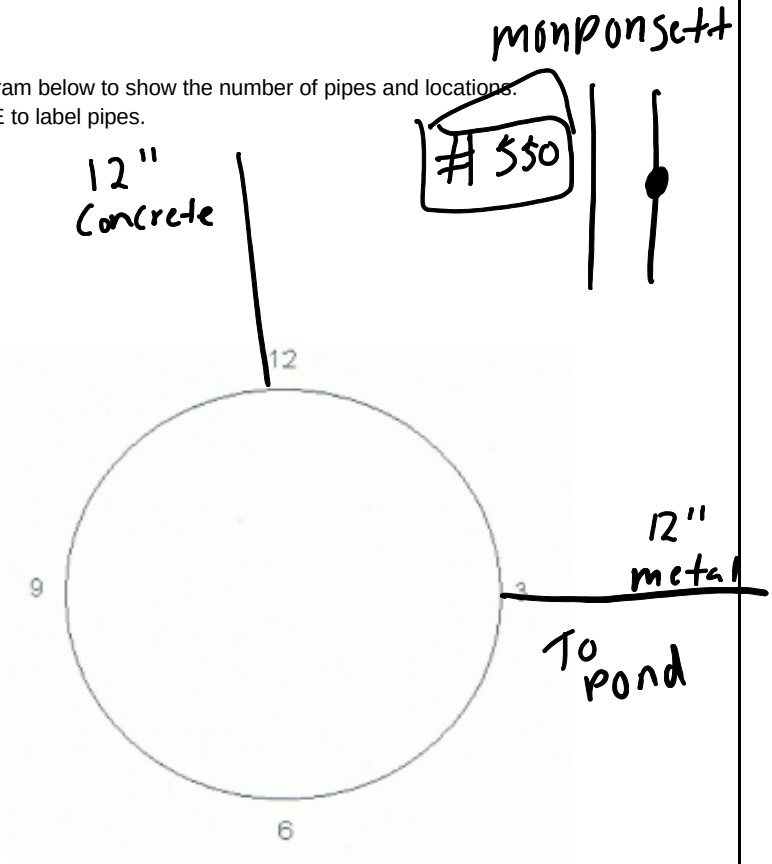
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 129

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

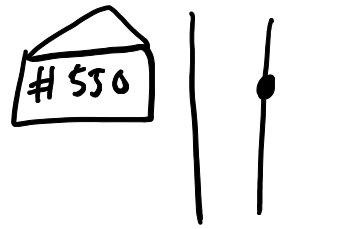
Drop Pipe
- ☐ Inside
- ☐ Outside

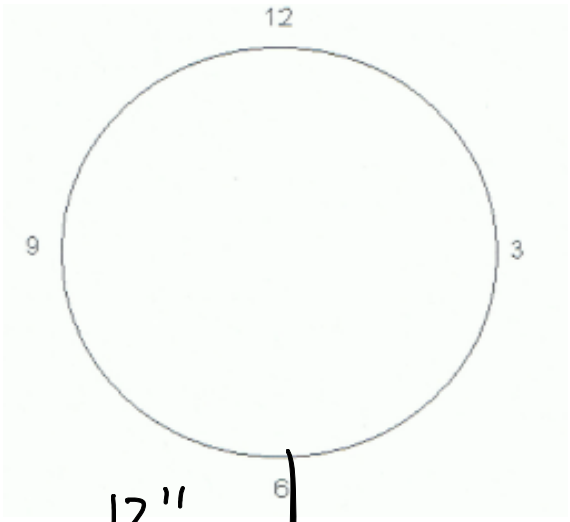
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

monponsett





12" metal

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 130

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

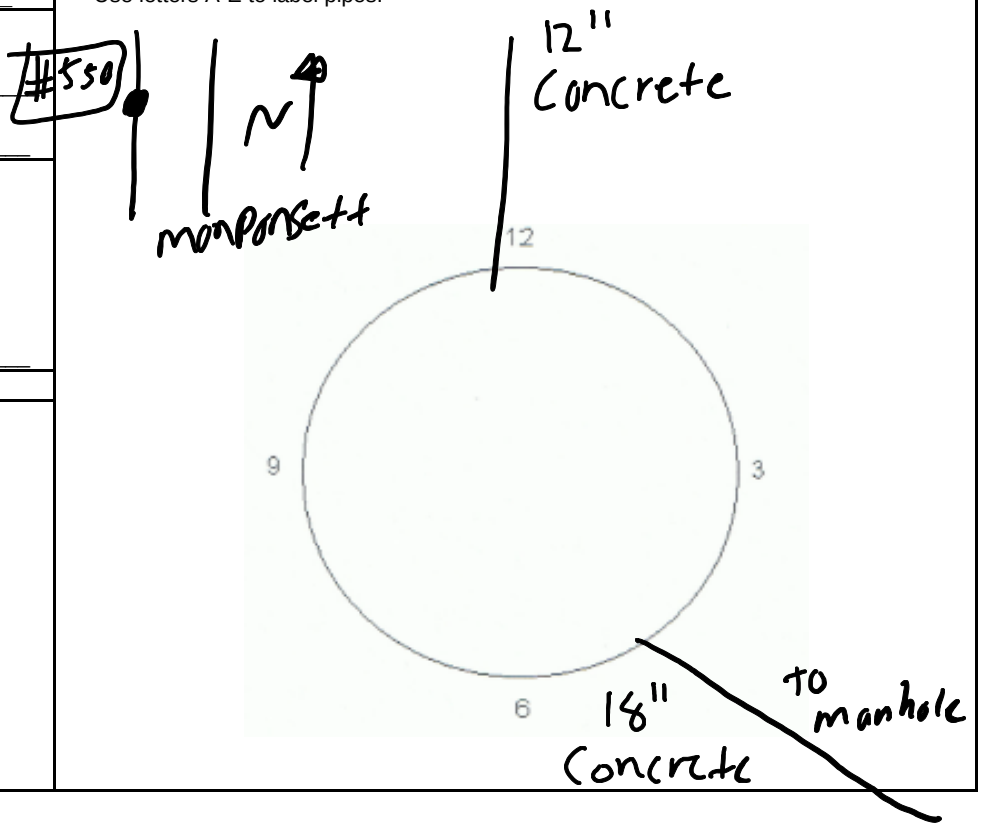
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 131

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

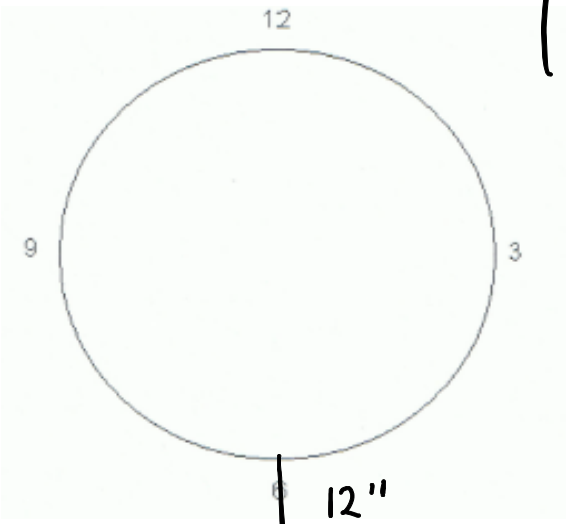
DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

monponsett

#550

N



12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 132

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

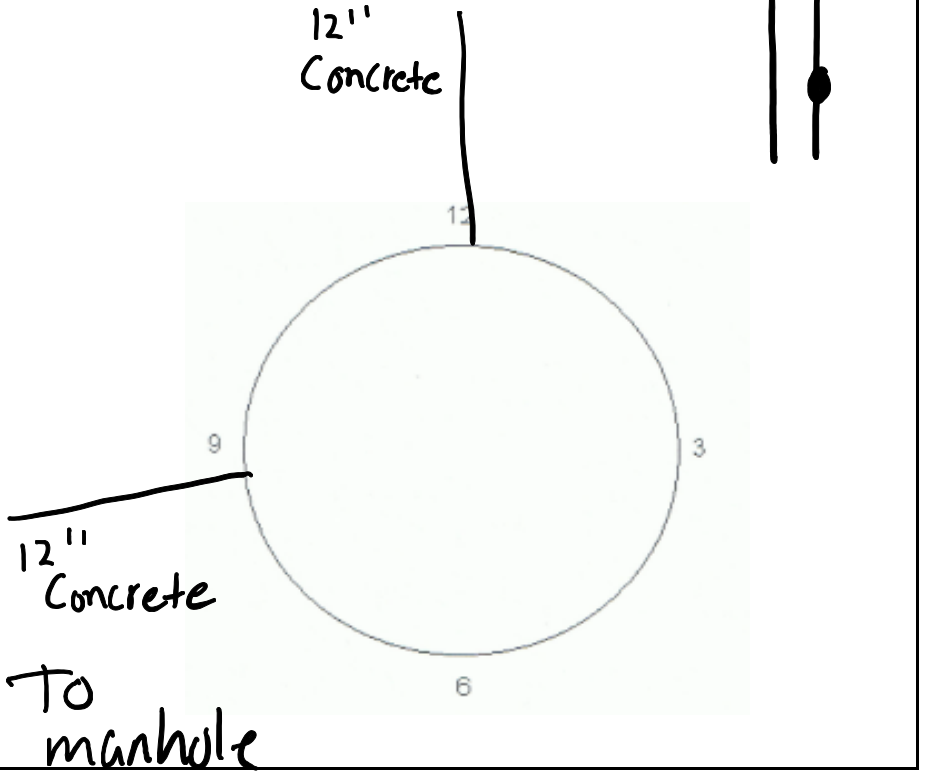
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Monponsett



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 133

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

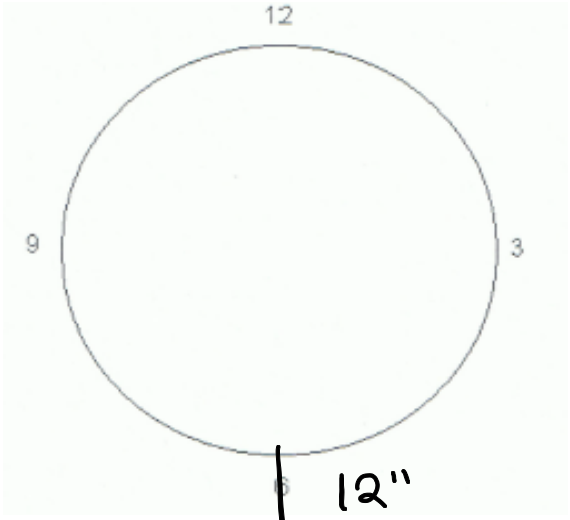
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

monponsett



12" Concrete

to CB 132

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 134

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Damaged Pipe

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

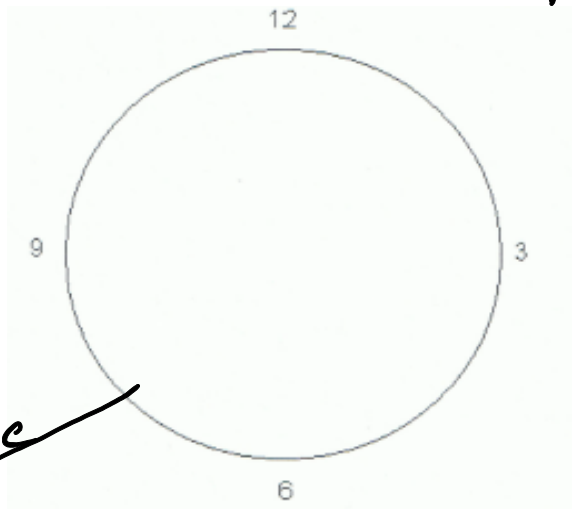
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS: monponsett

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



12" concrete To manhole

Broken pipe

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 135

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

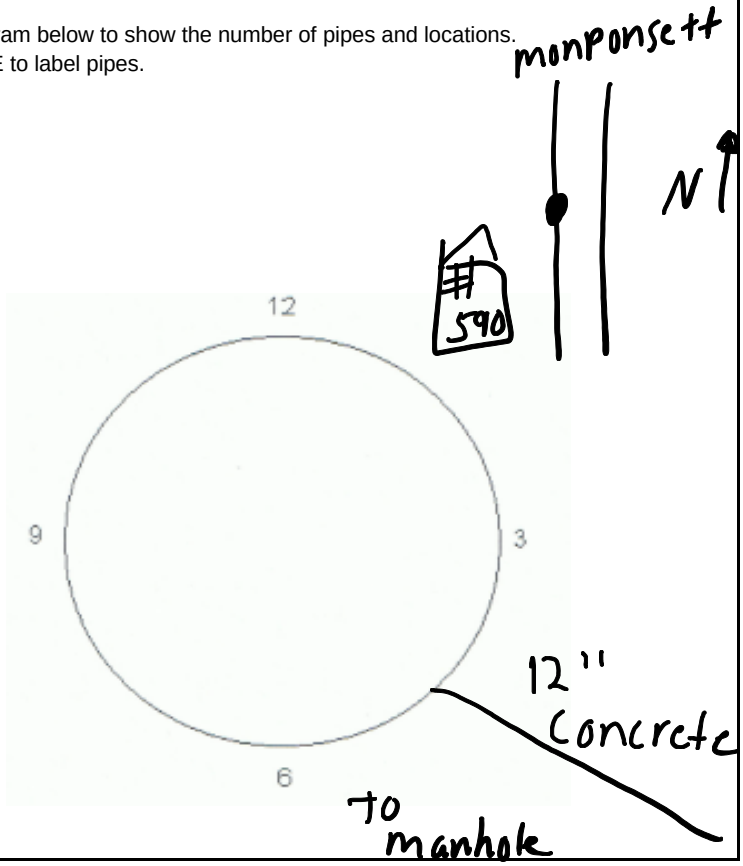
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 136

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

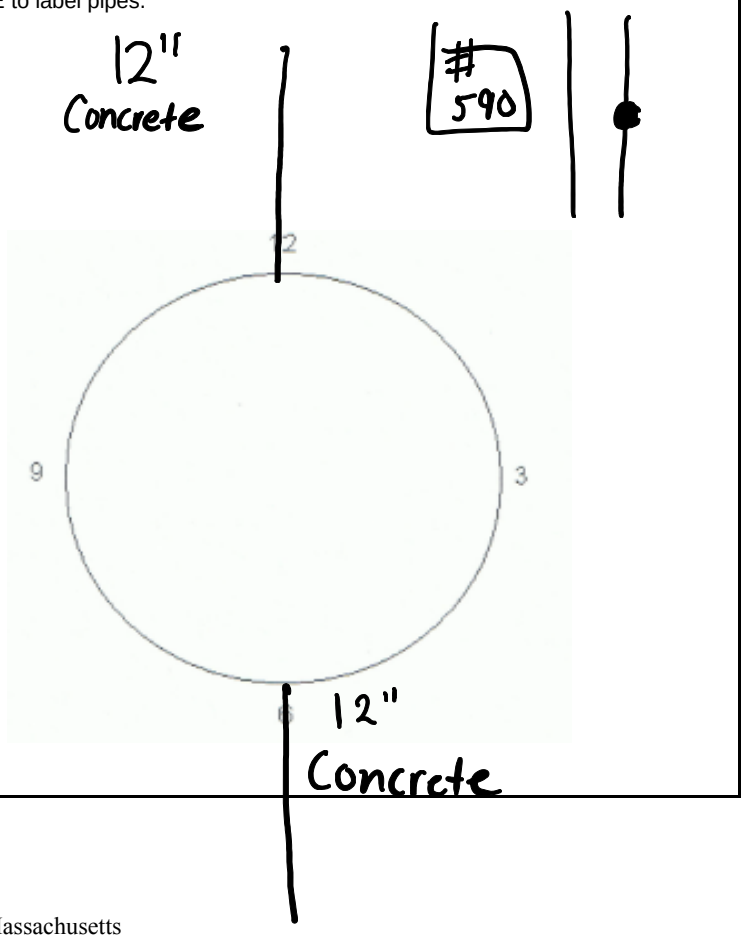
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 137

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

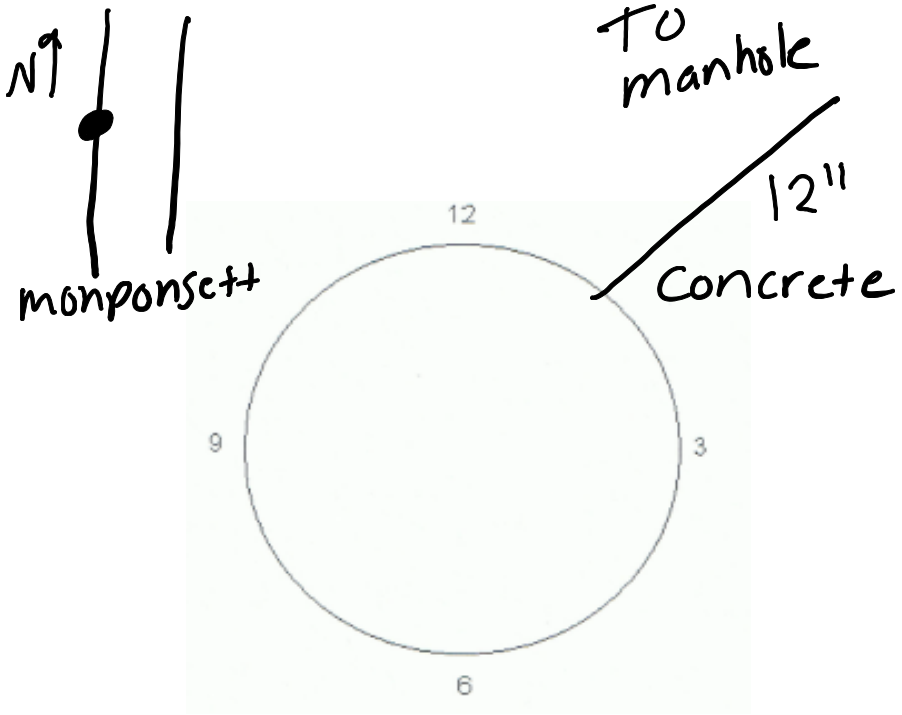
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 138

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

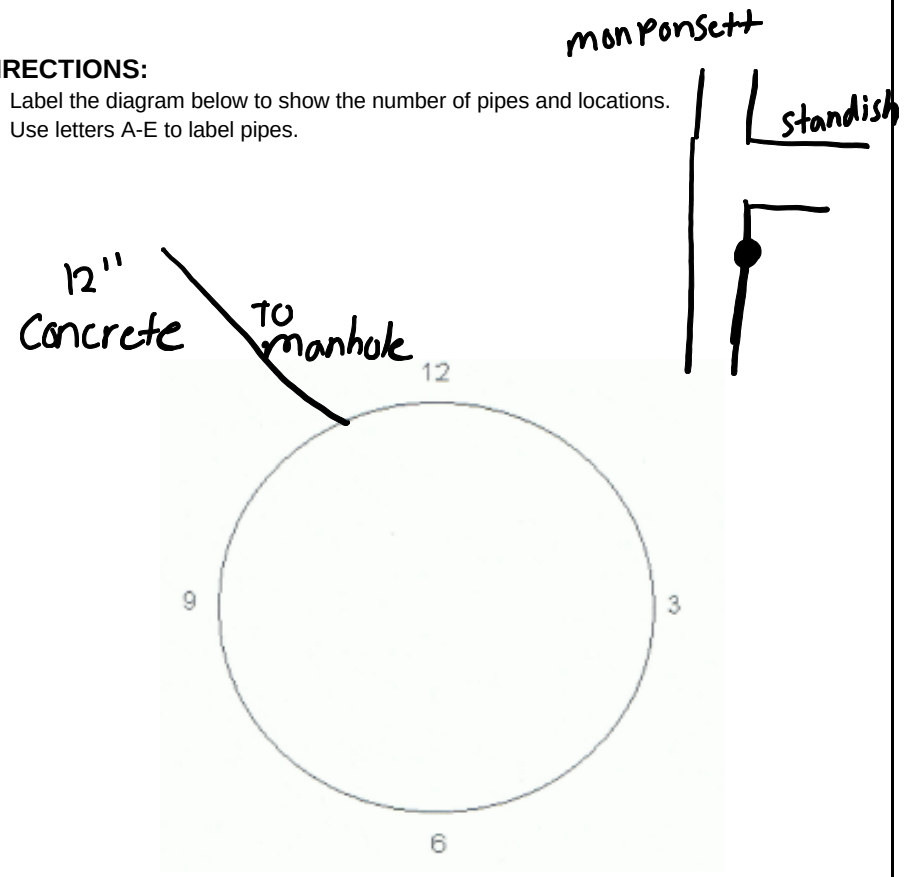
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 139

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

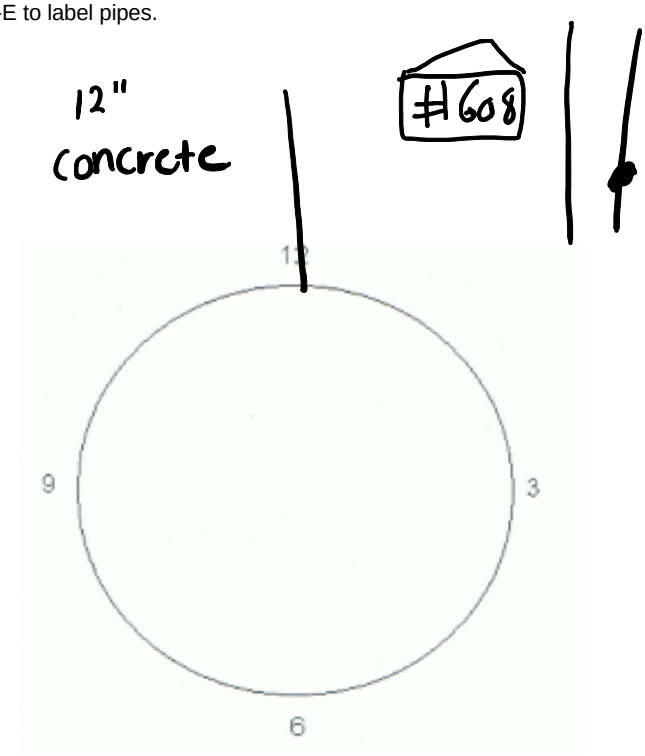
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS: Monponsett

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 140

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

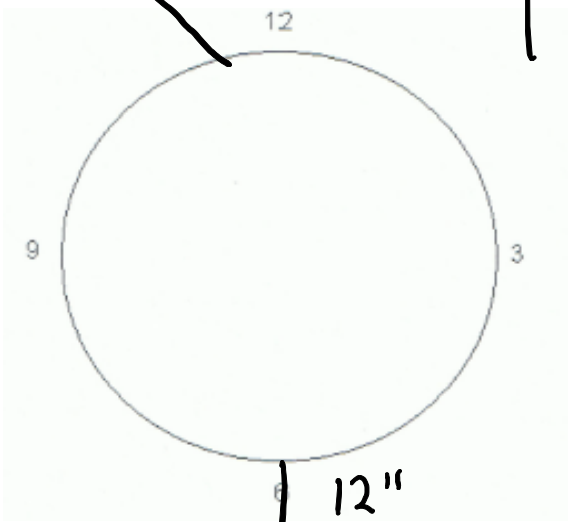
DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Monponsett

#608

12" Concrete to manhole



12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 141

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

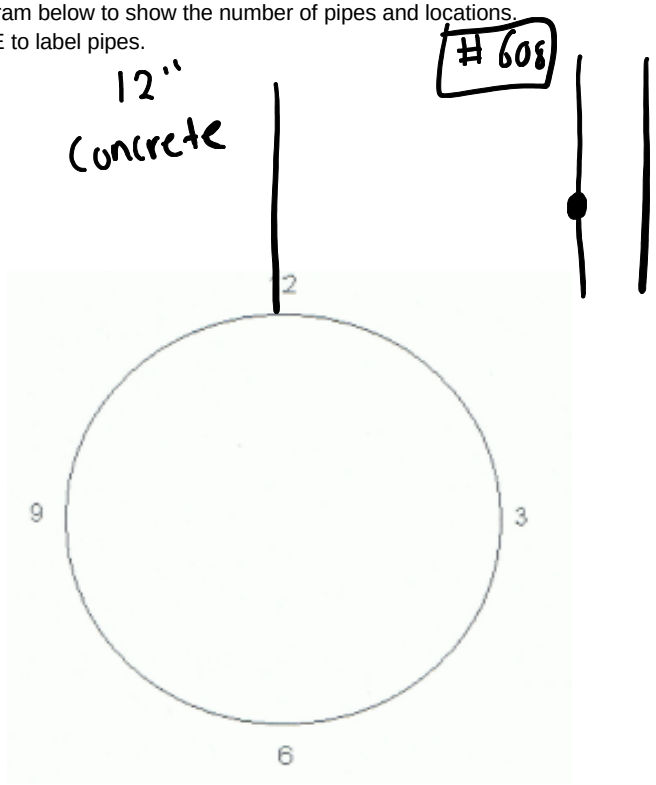
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 142

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

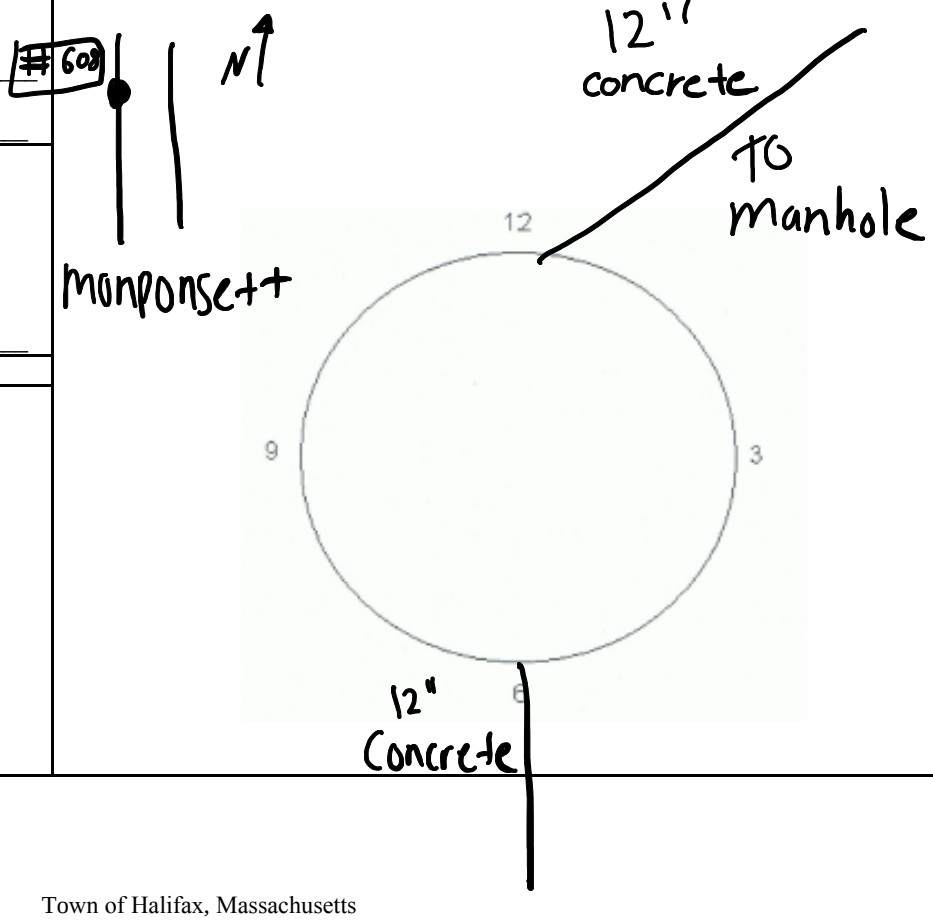
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 143

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

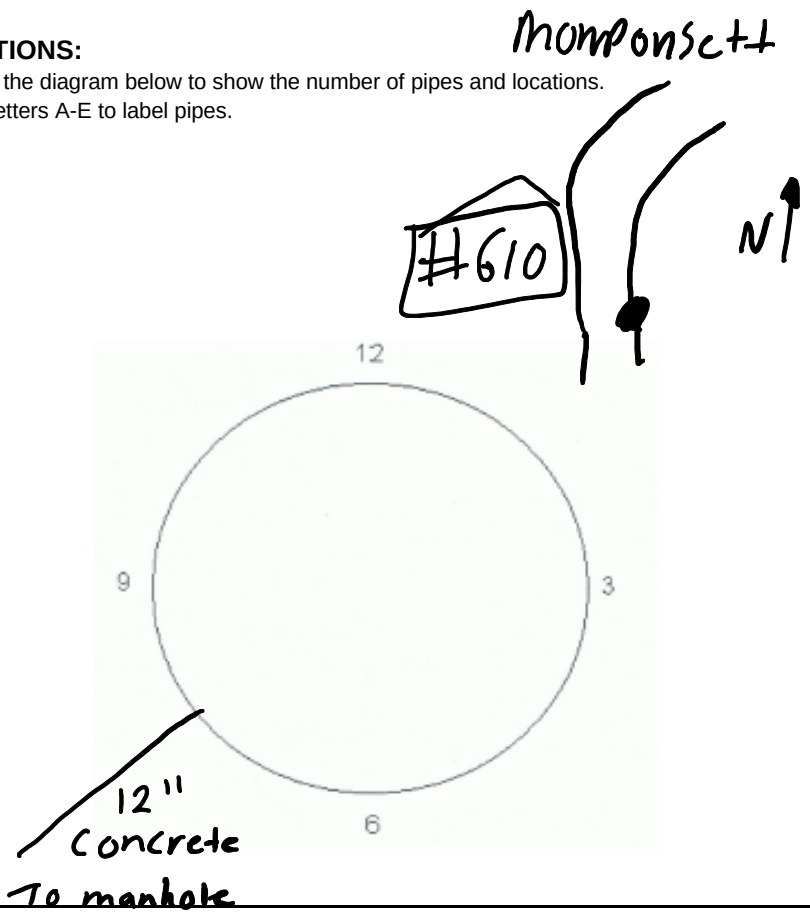
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 144

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

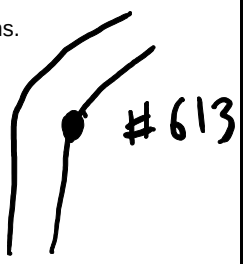
Drop Pipe
- ☐ Inside
- ☐ Outside

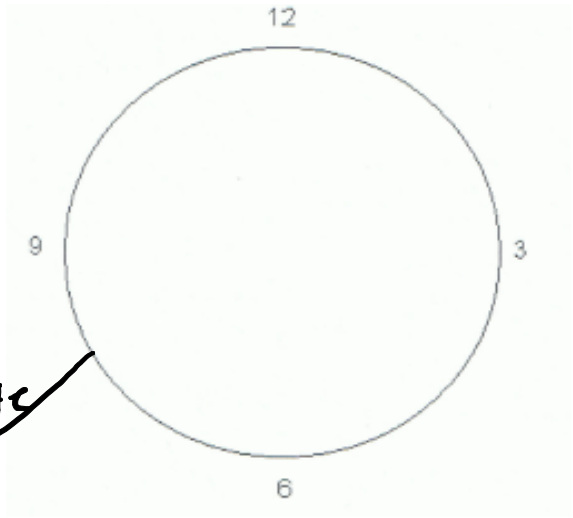
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Monponsett





12" Concrete

To manhole

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 145

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

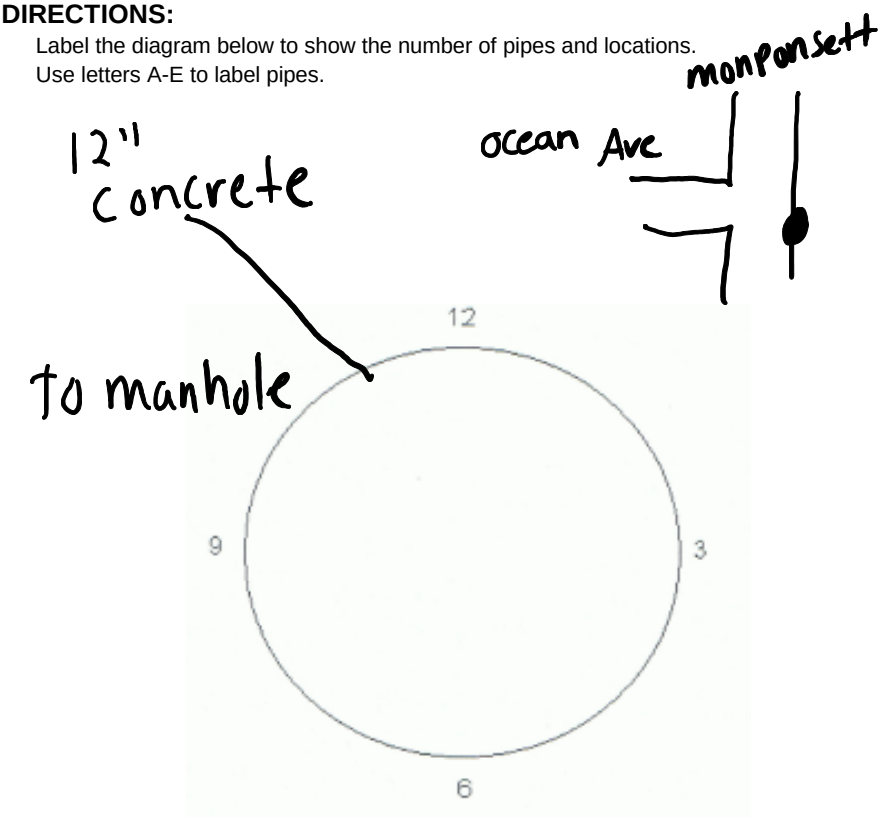
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 146

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

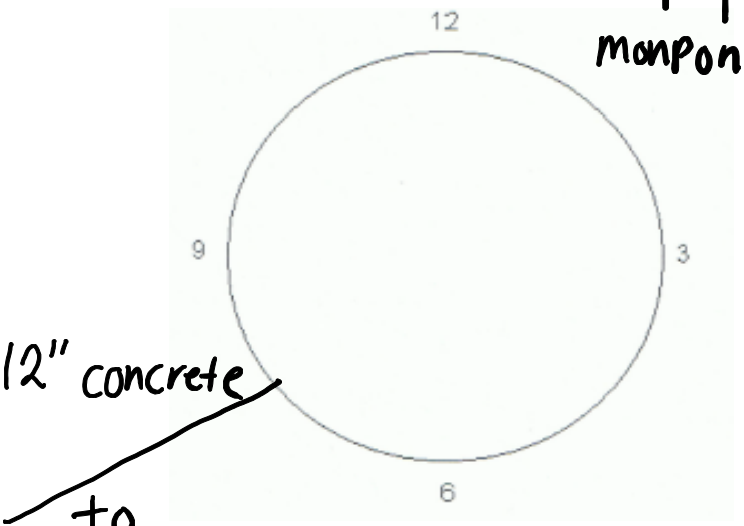
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



N

Trinity

Monponsett

12" concrete to manhole

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 147

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

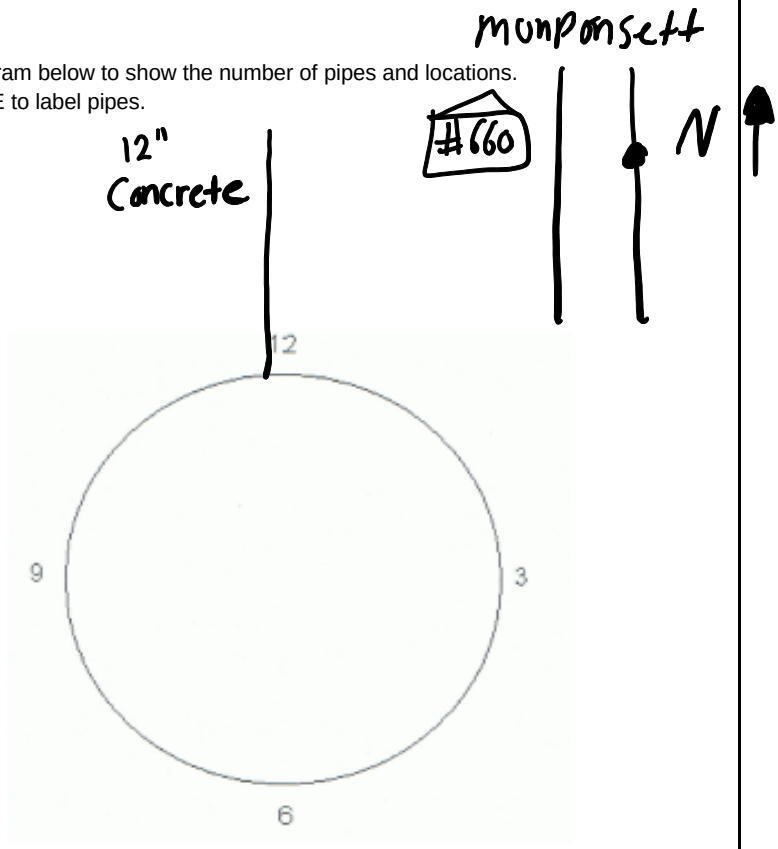
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 148

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other Basin with Leaching Chamber
- ☑

Condition of Structure
- ☐ Good
- ☑ Damaged some parts could use work
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

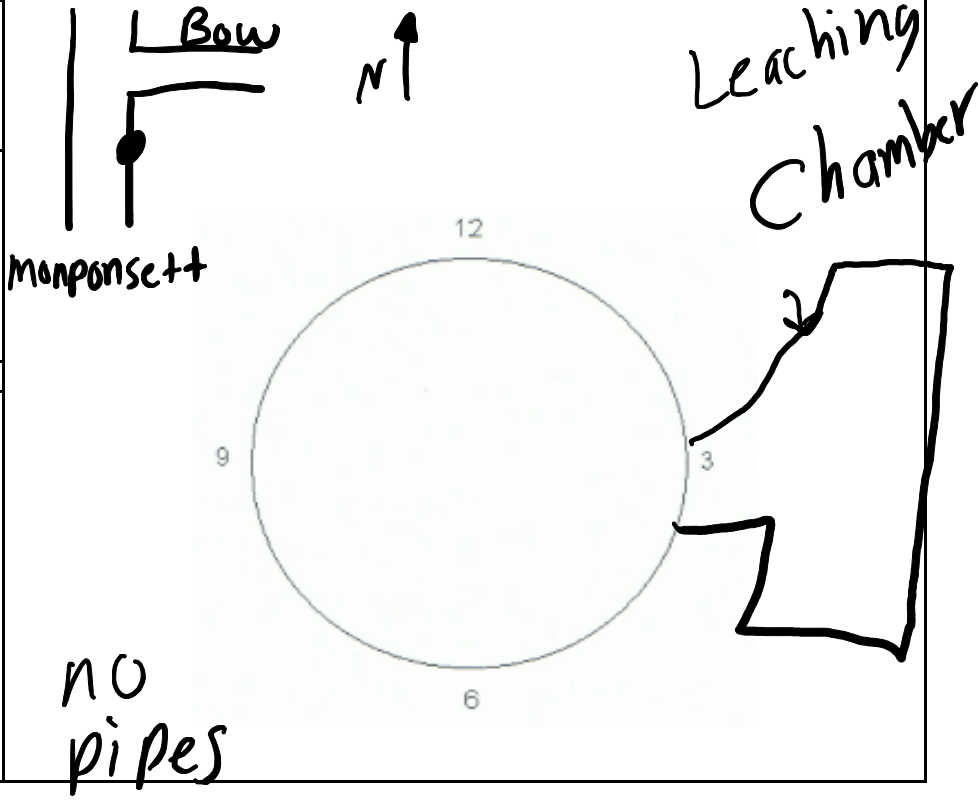
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 149

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

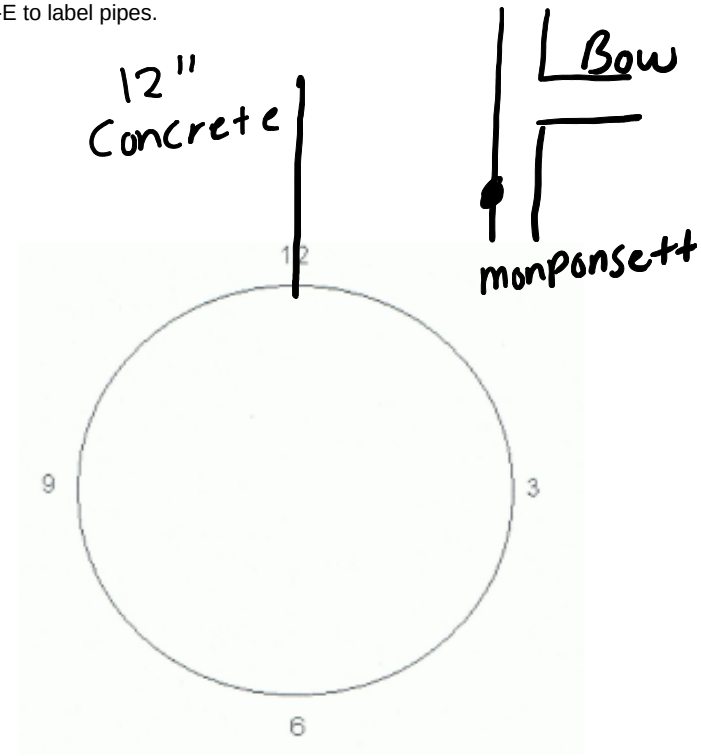
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 150

Location
- ☐ Easement / Cross Country
- ☐ Road: Monponsett Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

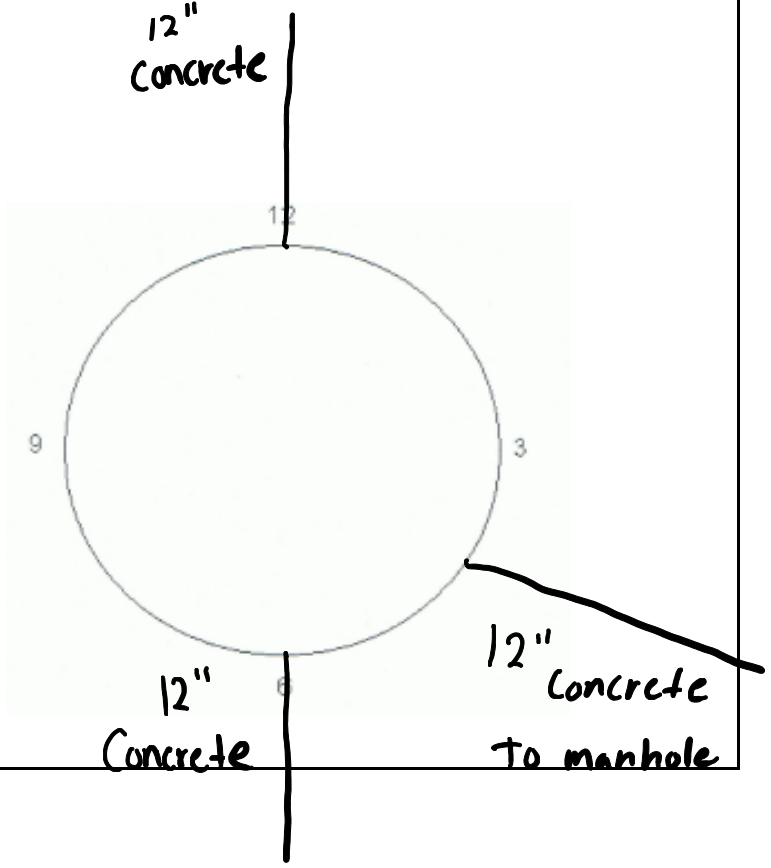
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 151

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block Leaching
- ☐ Precast
- ☐ Other Basin
- ☑

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

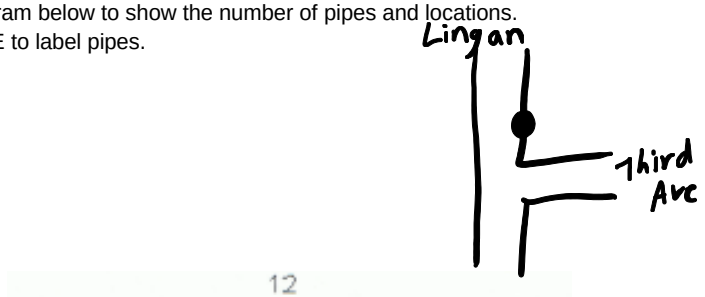
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

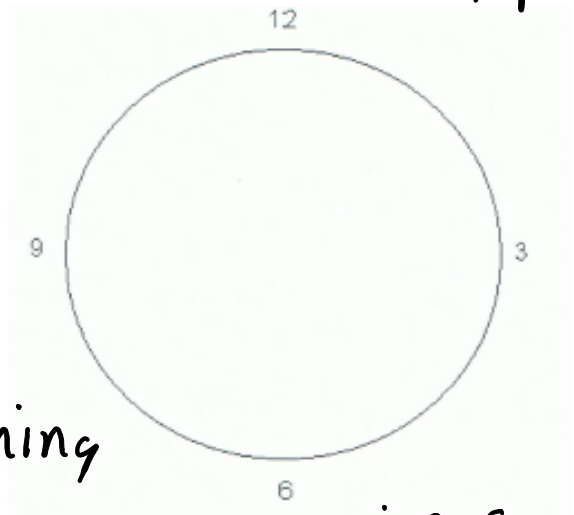
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Leaching Basin no pipes

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 152

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Lots of sand

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

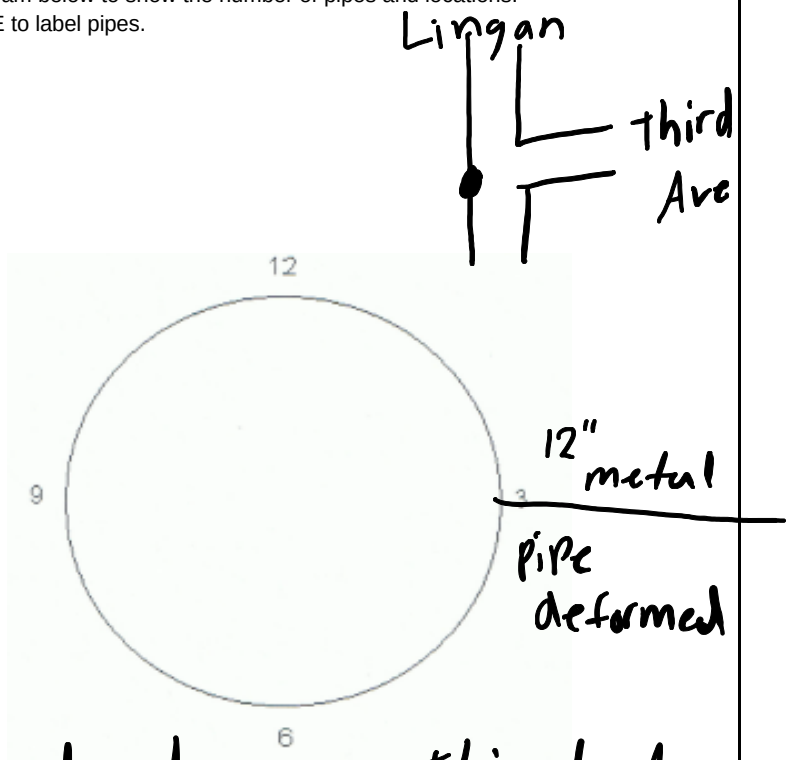
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



piped down third Ave
Can't find end of pipe.

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 153

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☑ Leaching Basin

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Clogged

Full of water

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

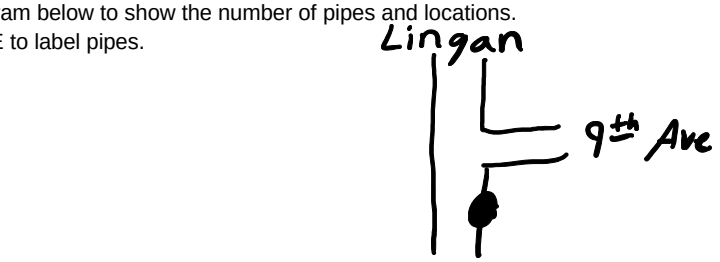
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

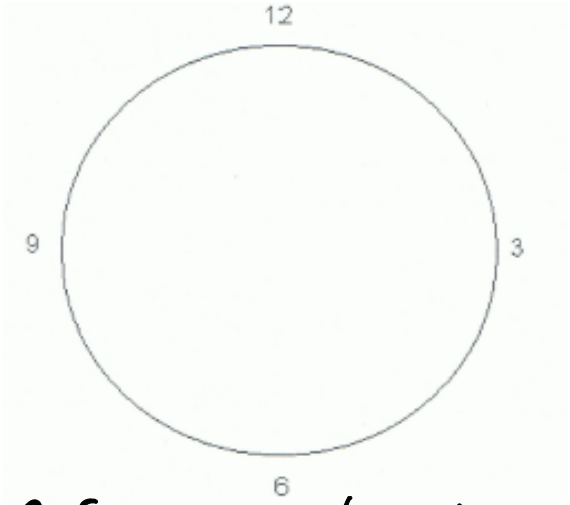
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





No pipes

Leaching Basin

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 154

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other Leaching Basin
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: always fills up

Frame/Grate

Size:_____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

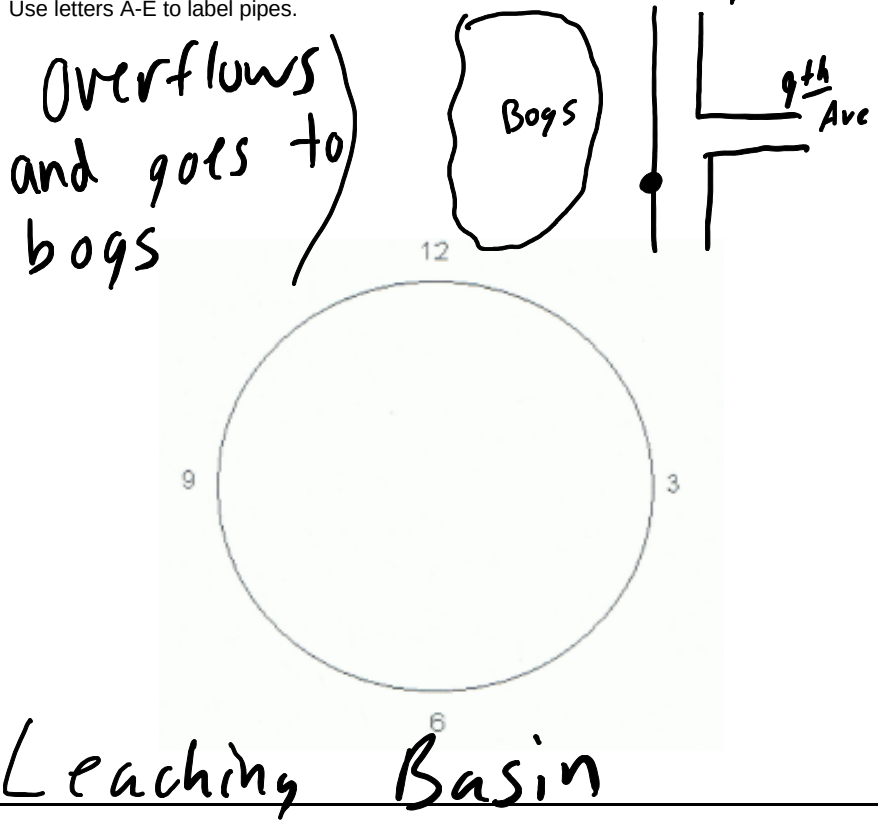
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 155

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

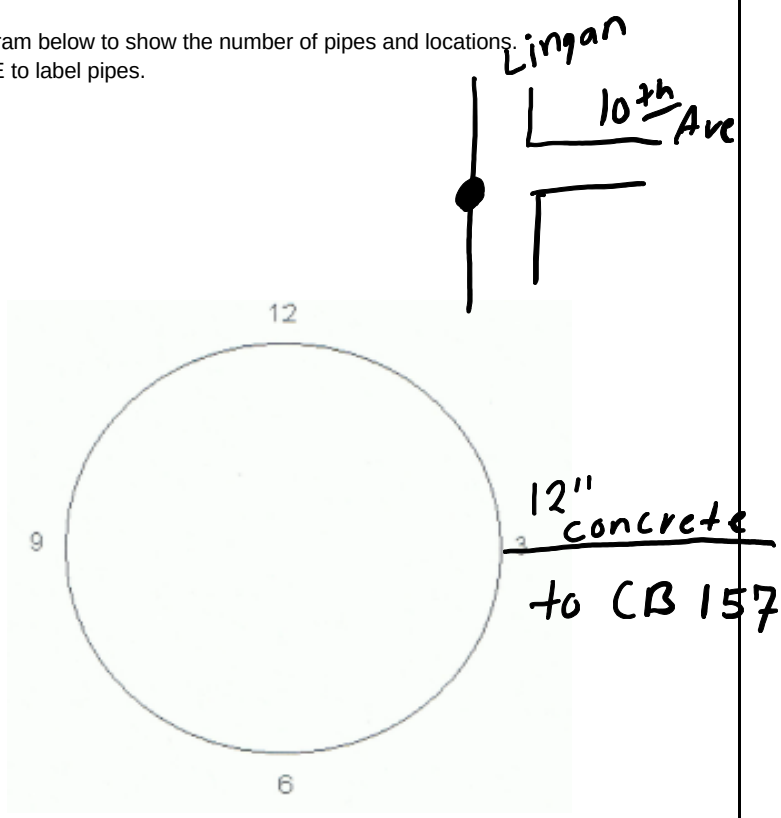
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 156

Location
- ☐ Easement / Cross Country
- ☐ Road: Tenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

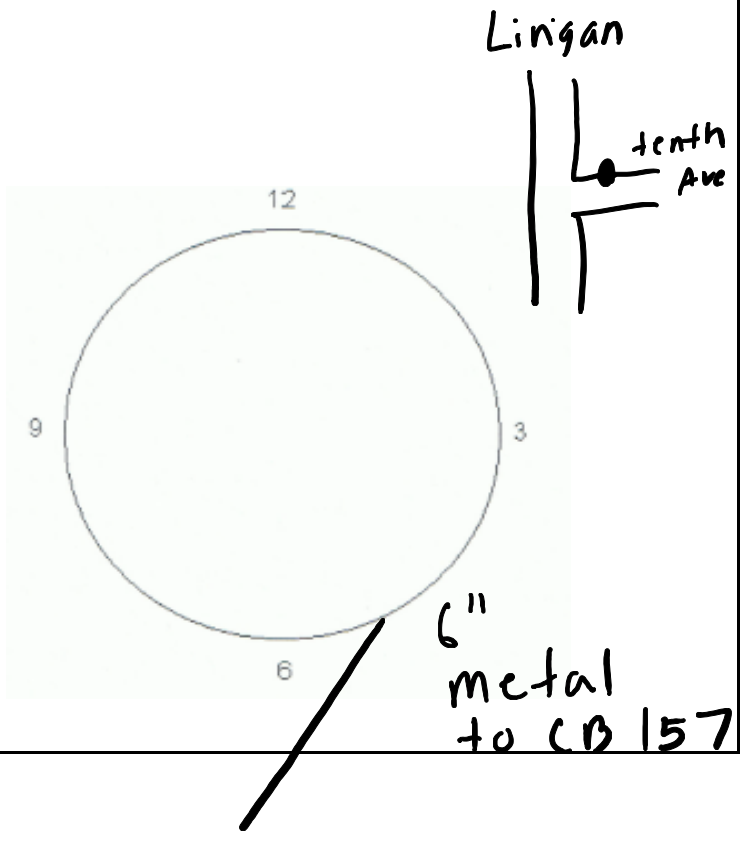
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 157

Location
- ☐ Easement / Cross Country
- ☐ Road: Tenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

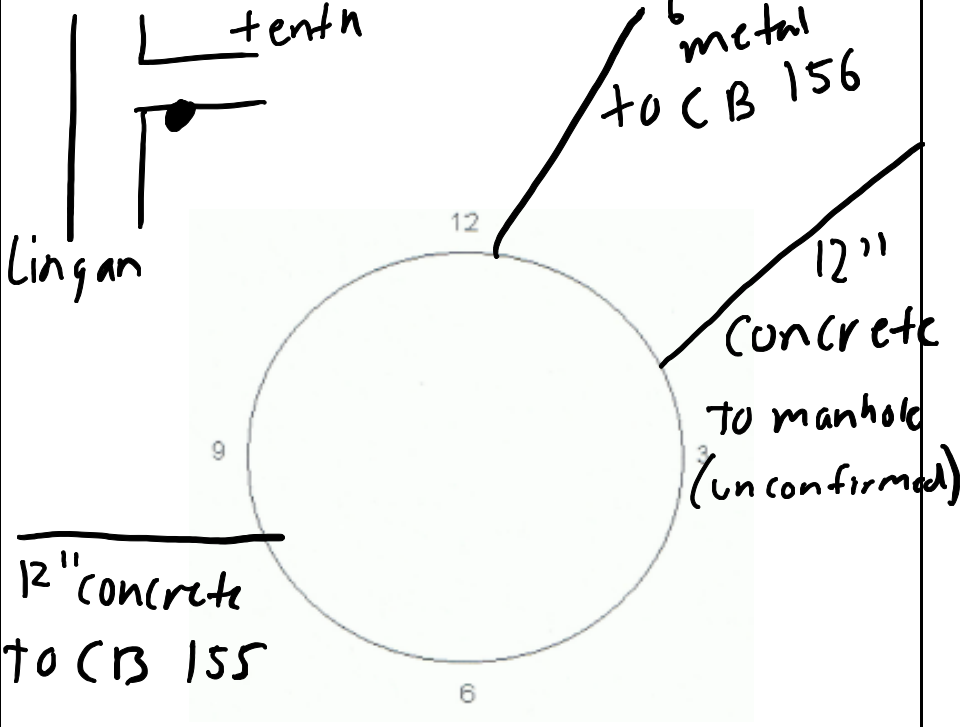
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



* Owner 26 Tenth Ave says during storm water will puddle between the three Catch basins. Water level has rose to the grade of his house.

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 158

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

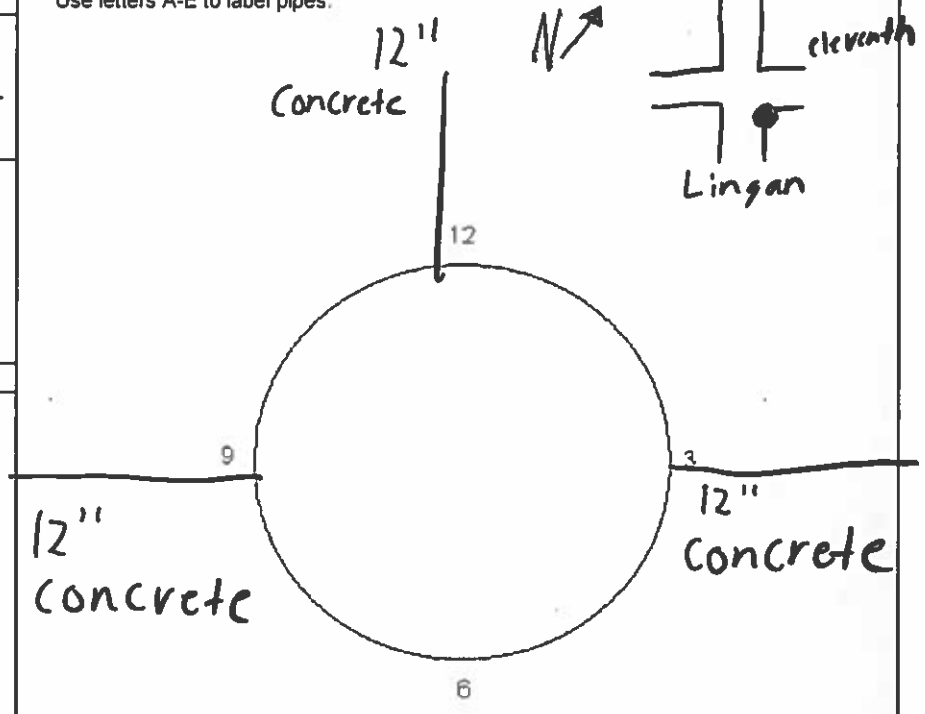
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 159

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other:_____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other:_____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

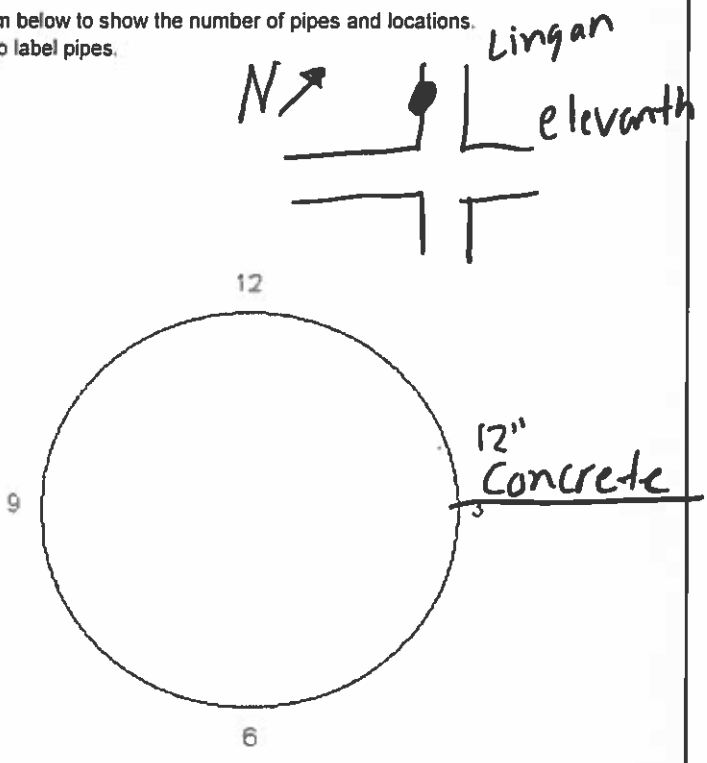
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 160

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: Cannot see pipe only an opening in structure

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

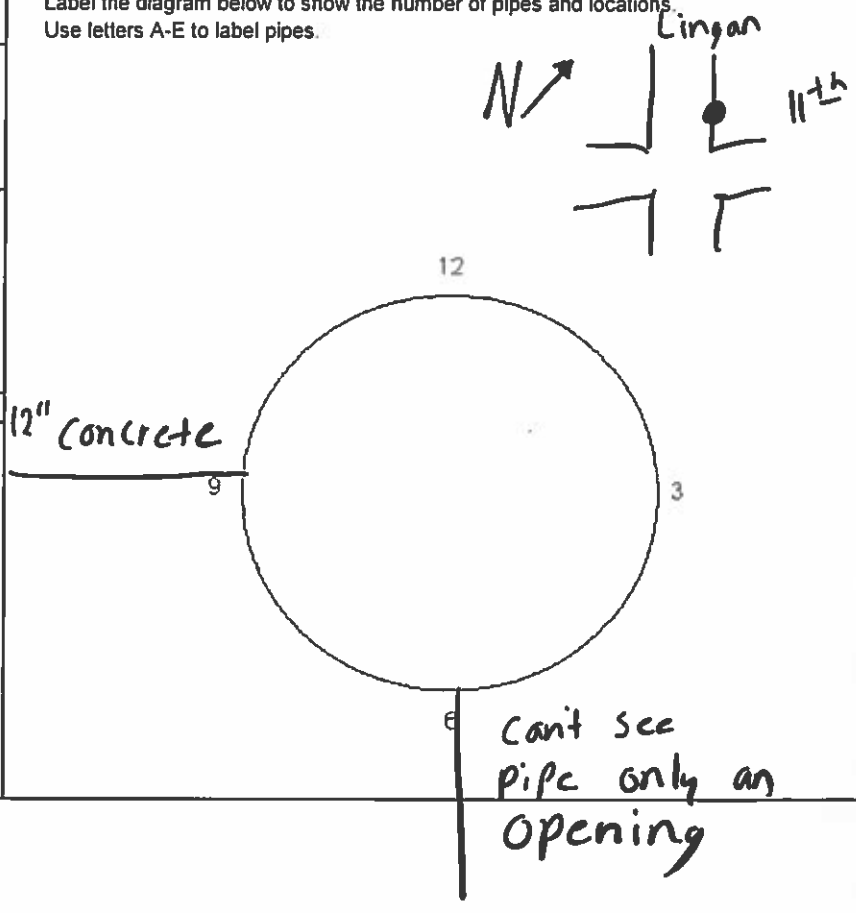
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 161

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: needs more blocks on bottom

Frame/Grate

Size: _____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe E

Invert Depth From Top of Rim:

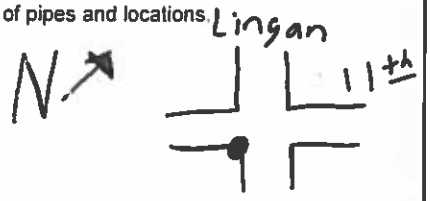
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

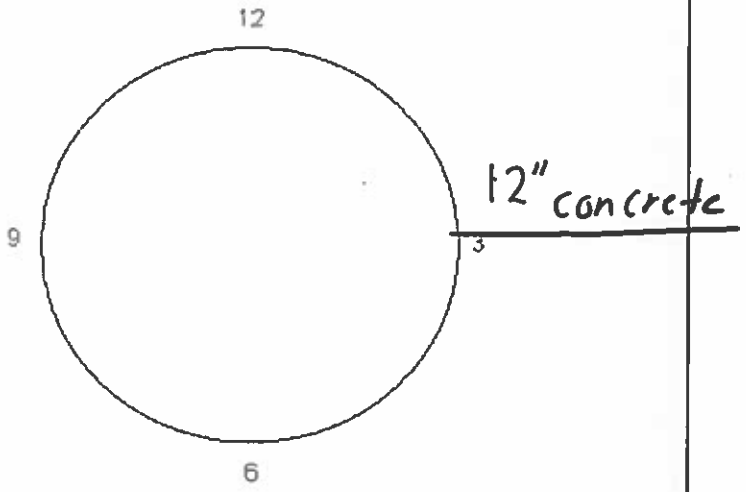
Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 162

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

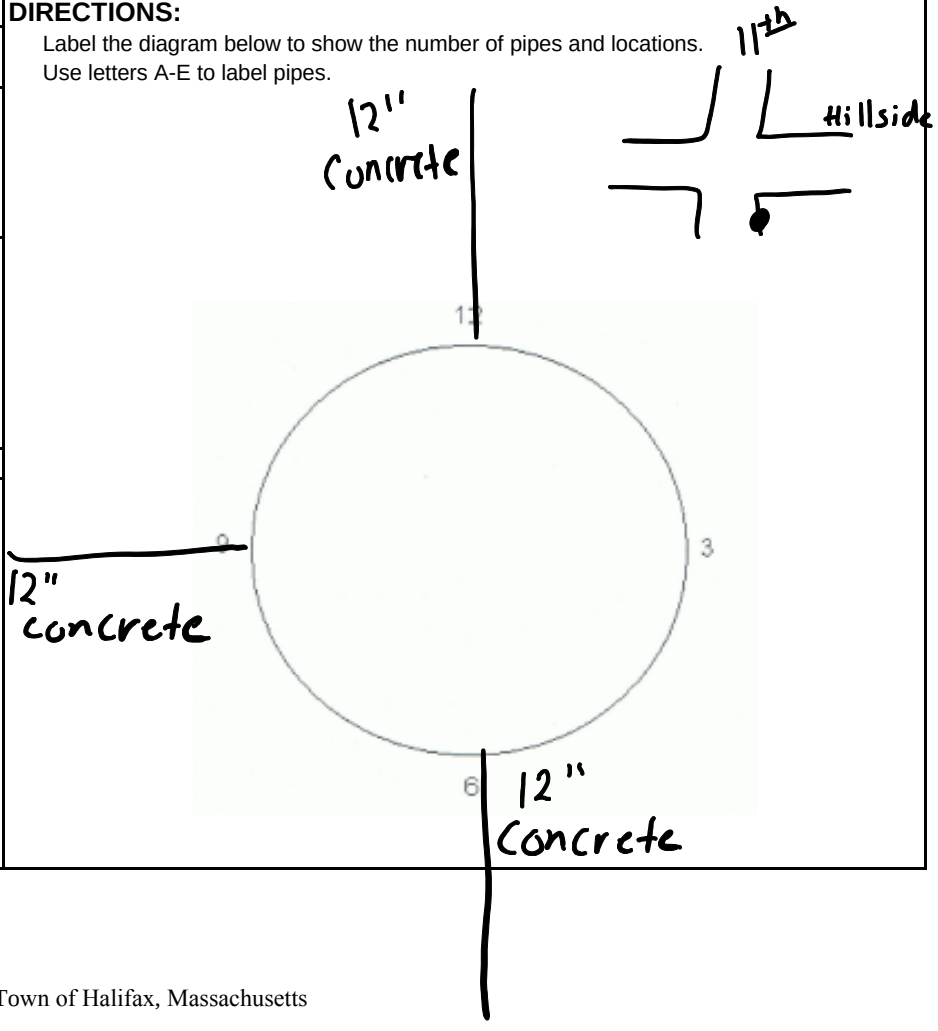
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 163

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: has a lot of sitting water

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

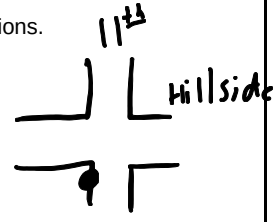
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

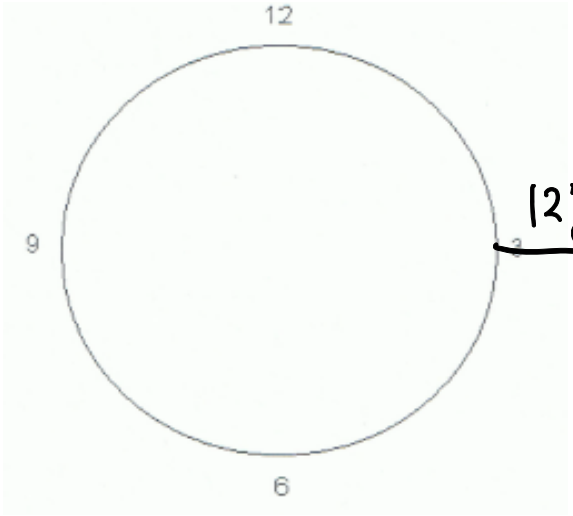
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 164

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

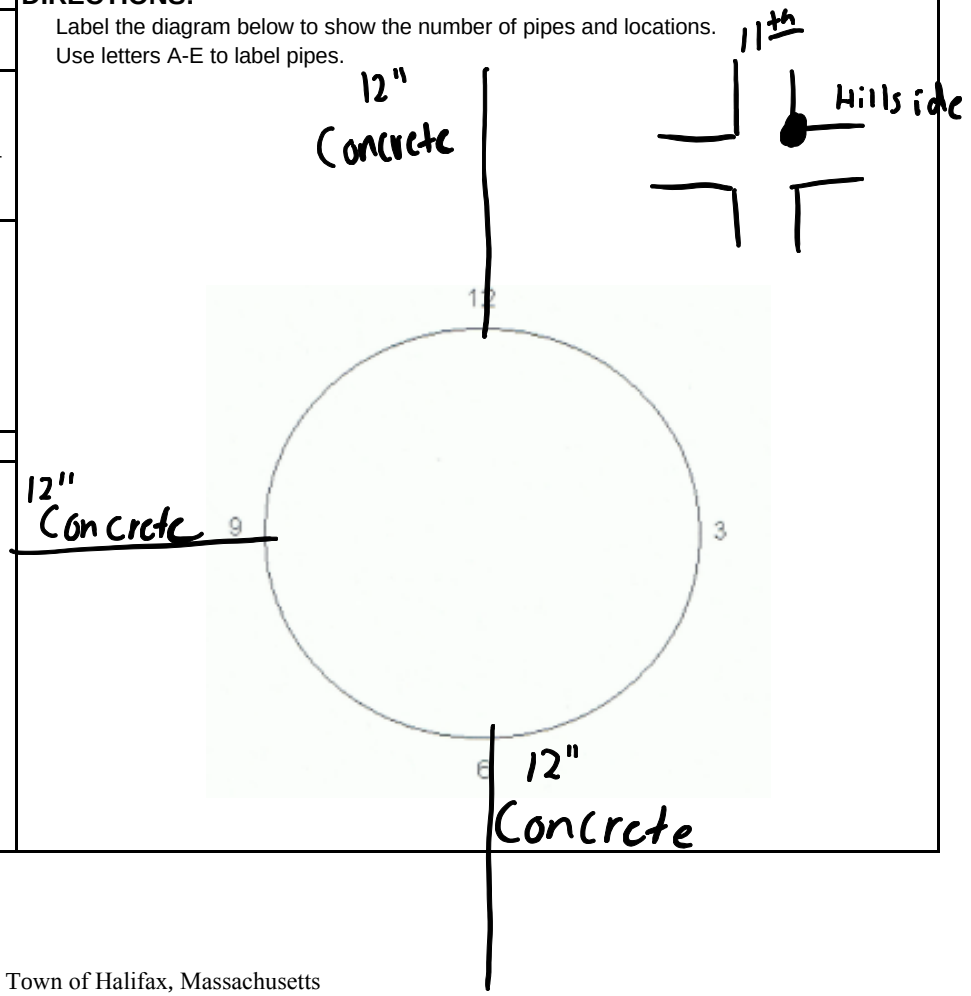
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 165

Location
- ☐ Easement / Cross Country
- ☐ Road: Hillside Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

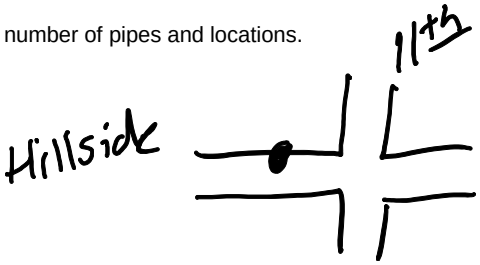
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

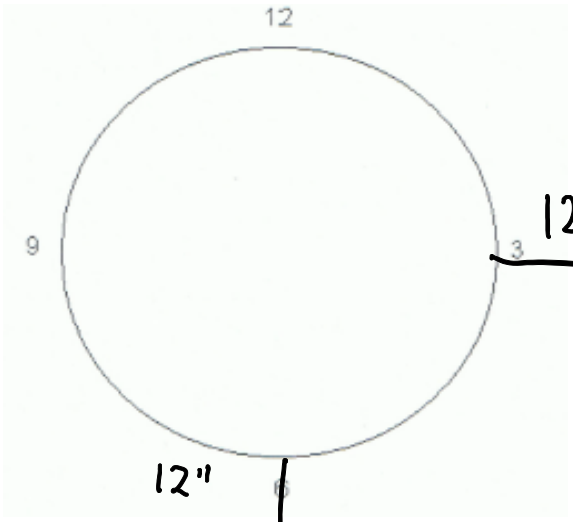
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/5/16

CB ID# CB - 166

Location
- ☐ Easement / Cross Country
- ☐ Road: Hillside Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other:_____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other:_____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

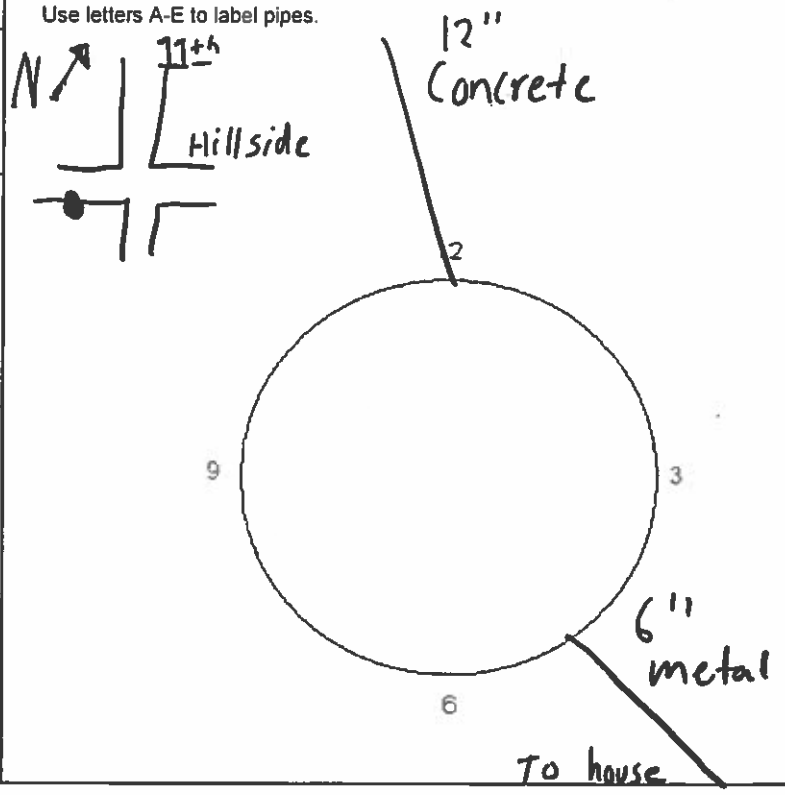
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/5/16

CB ID# CB - 167

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

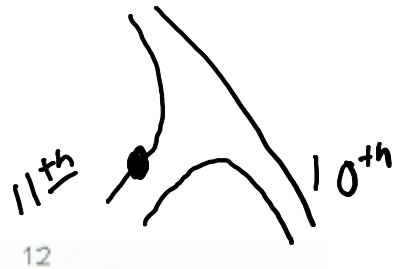
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

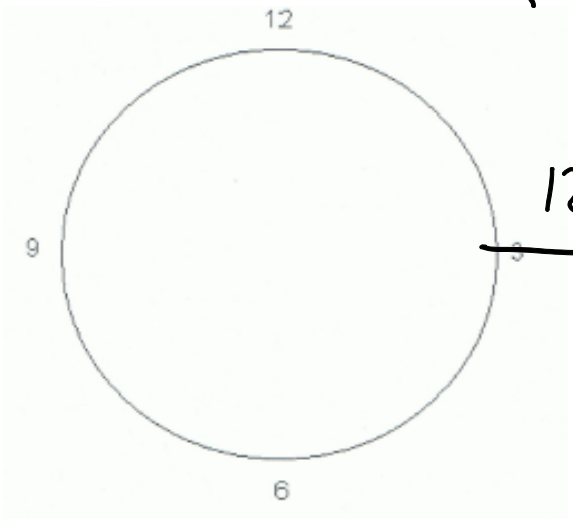
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" metal

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 168

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Filled with materials

Frame/Grate

Size:_____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

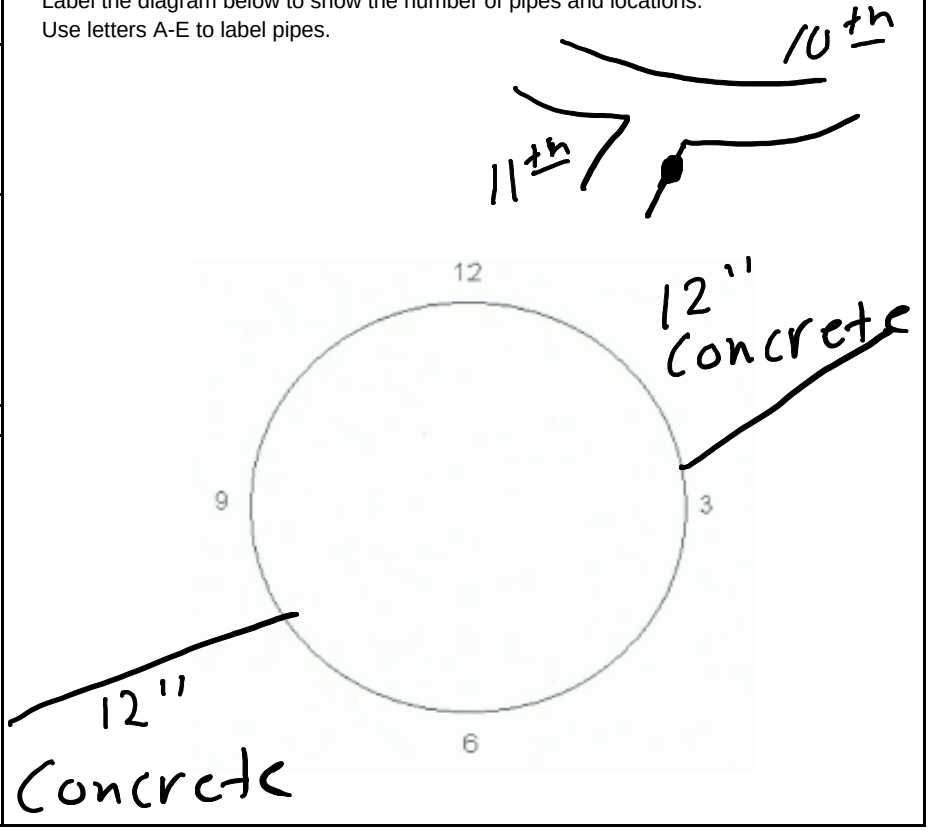
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/4/16

CB ID# CB - 169

Location
- ☐ Easement / Cross Country
- ☐ Road: Tenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

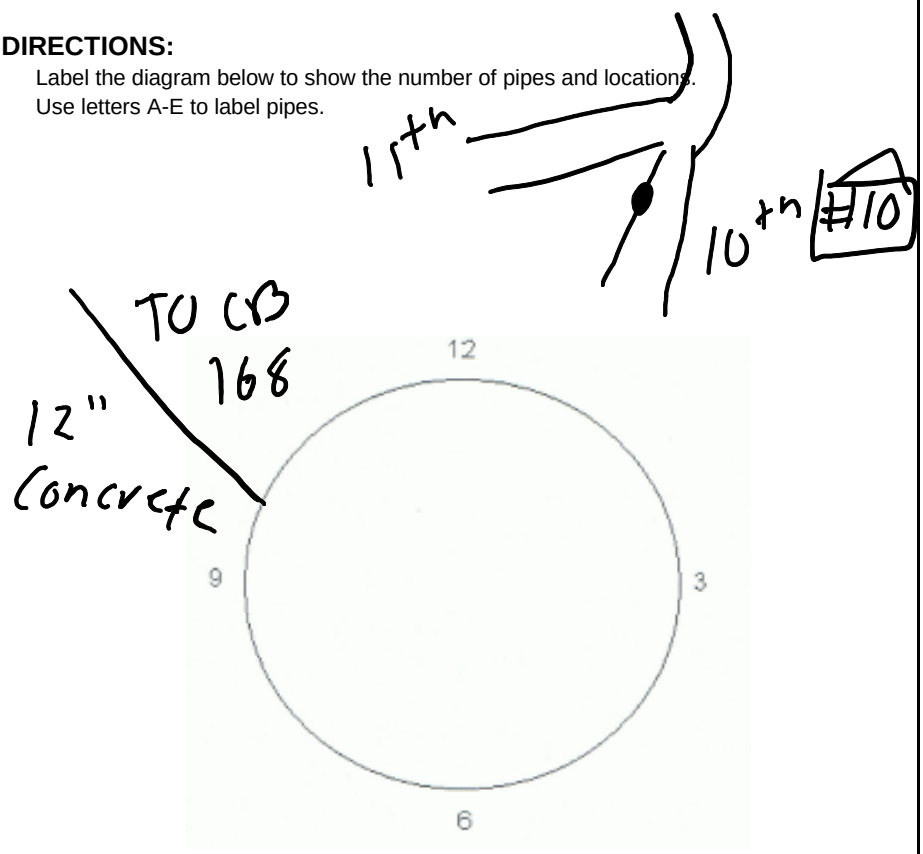
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: Weather: Time: _____ Date: 11/3/16

CB ID# CB-170

Location
- ☐ Easement / Cross Country
- ☐ Road: Tenth Avenue
- ☐ CB Buried
- ☐ other

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: OK

Frame/Grate
Size: _____
Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____
%debris in SU: _____

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ **Pipe A** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe B** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe C** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe D** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

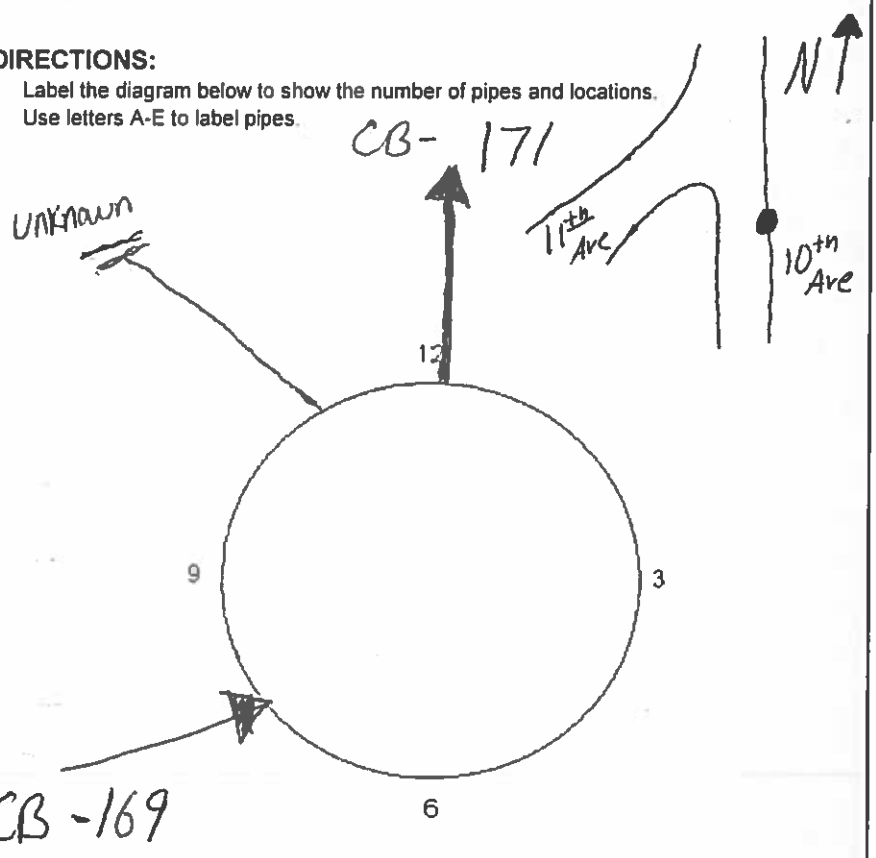
Size: _____

☐ **Pipe E** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:
Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Weather:** **Time:** _____ **Date:** 11/3/16

CB ID# CB-171

Location
- ☐ Easement / Cross Country
- ☐ Road: Tenth Avenue
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐ _____

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: OK

Frame/Grate
- Size: _____
- *Type*
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ **Pipe A** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe B** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe C** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe D** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

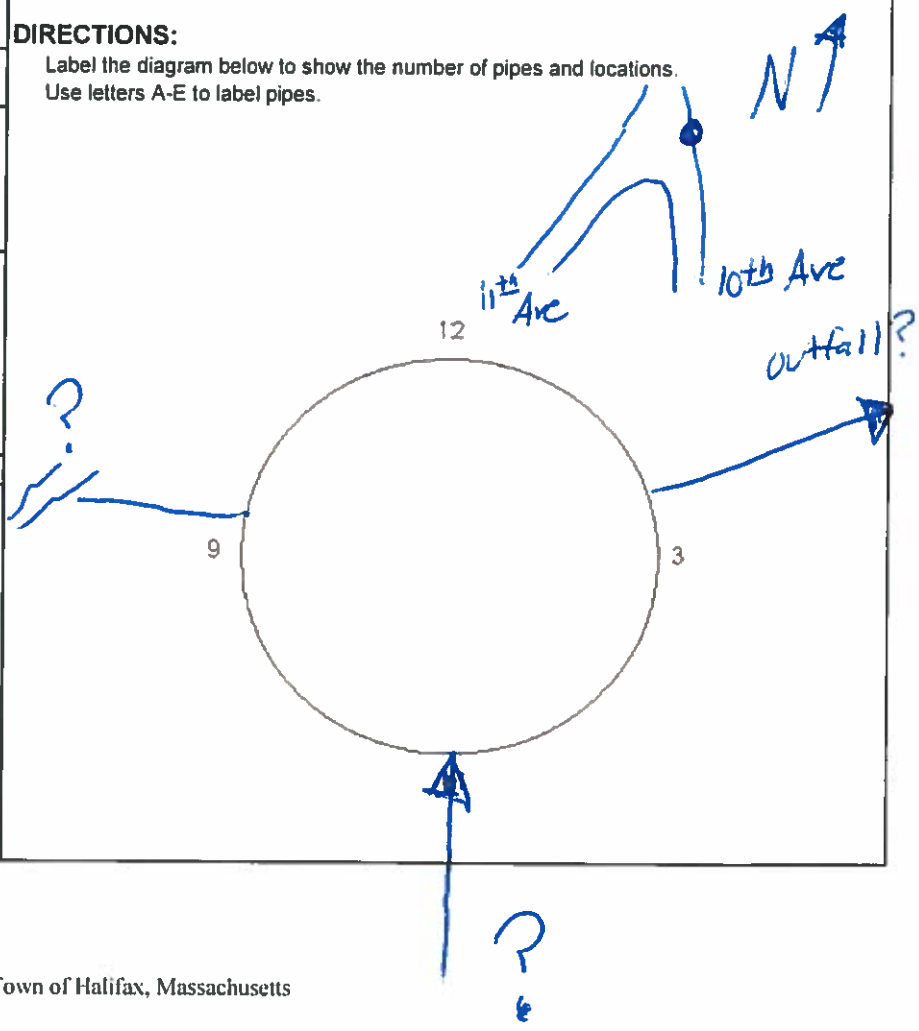
☐ **Pipe E** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 172

Location
- □ Easement / Cross Country
- □ Road: Richview Avenue
- □ CB Buried
- □ other_____

Type of CB
- ✓ Block
- □ Precast
- □ Other
- □

Condition of Structure
- ✓ Good
- □ Damaged
- □ Cracked
- □ Other: _____

Frame/Grate

Size:_____

Type
- ✓ rectangular
- □ round

Frame/Grate Condition
- ✓ Good
- □ Damaged
- □ Cracked
- □ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- □ Good
- □ Damaged:_____
- □ Cracked
- □ Other: _____

Odor
- □ None
- □ Sewer
- □ Petrolium (oil, gas, hazardous material)
- □ Paint
- □ household solutions
- □ Other: _____

# of Pipes
- □ Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe B

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe C

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe D

Invert Depth From Top of Rim:

Material
- □ PVC
- □ HDPE)
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

□ Pipe E

Invert Depth From Top of Rim:

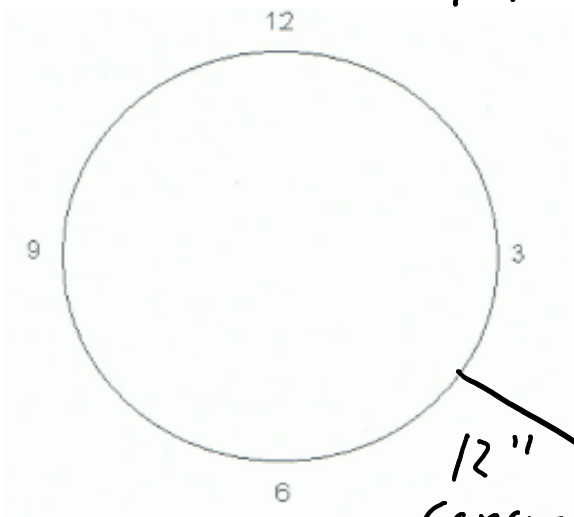
Material
- □ PVC
- □ HDPE
- □ Steel / Iron
- □ Concrete
- □ Other _____

Drop Pipe
- □ Inside
- □ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Richview
#2
pond
12" Concrete

to CB 173

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 173

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

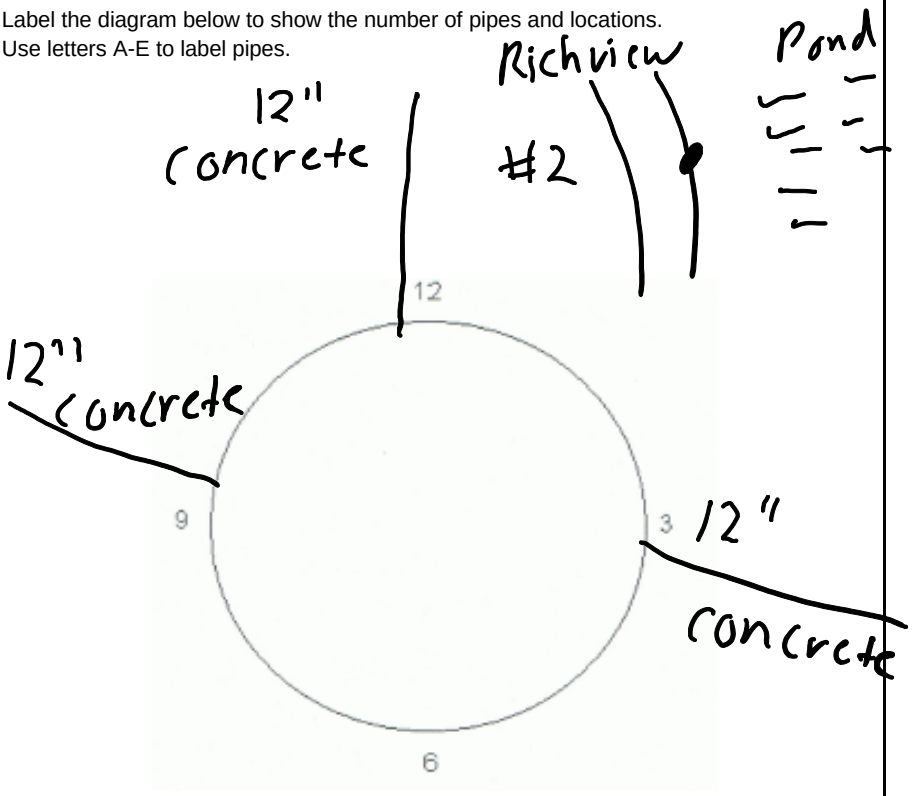
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB - 174

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

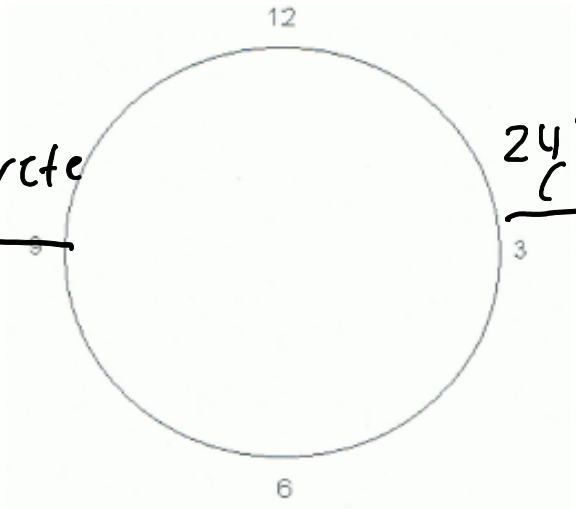
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



12" Concrete

24" Concrete

On Beach near House #4

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 175

Location
- ☐ Easement / Cross Country
- ☐ Road: Pemmican Way
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

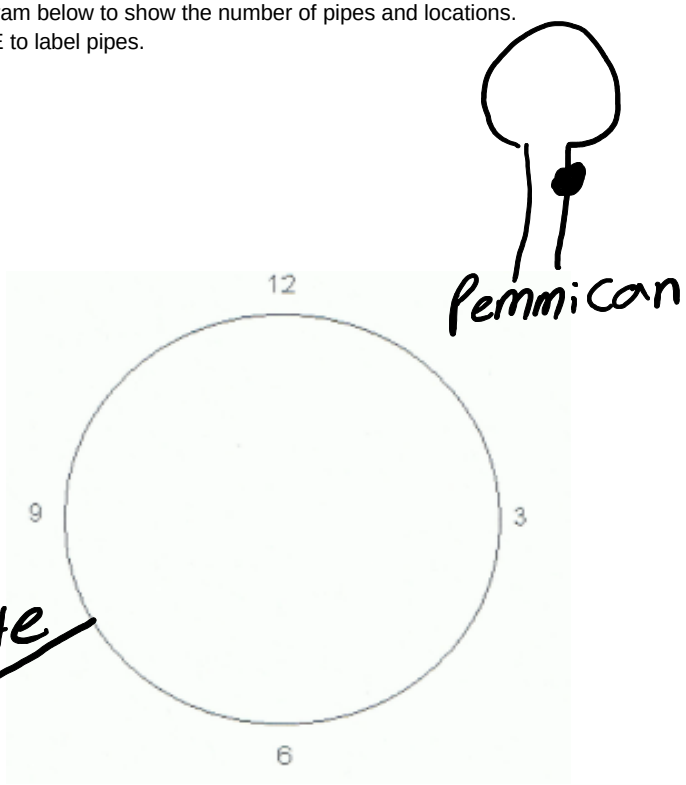
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 176

Location
- ☐ Easement / Cross Country
- ☐ Road: Pemmican Way
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

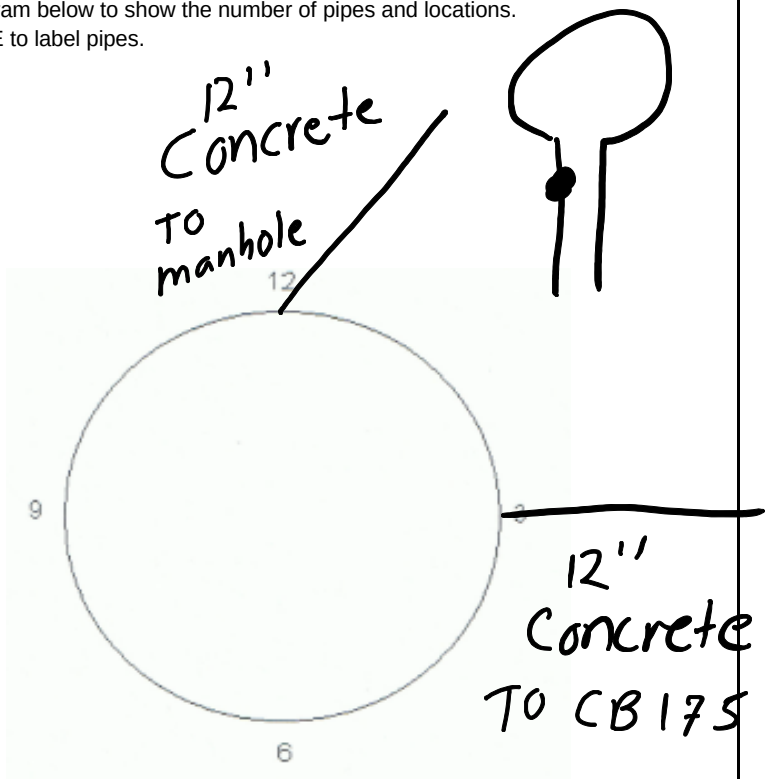
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 177

Location
- ☐ Easement / Cross Country
- ☐ Road: Pemmican Way
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

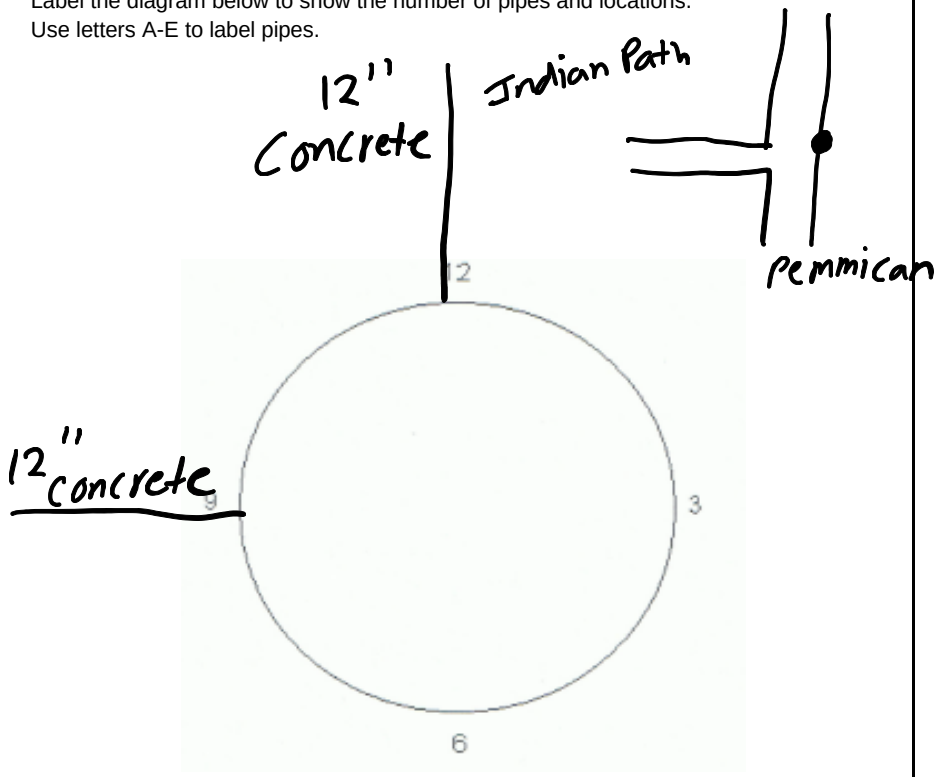
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 178

Location
- ☐ Easement / Cross Country
- ☐ Road: Pemmican Way
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged — Top of structure
- ☐ Cracked
- ☐ Other: _____ Needs work

Frame/Grate

Size:_____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

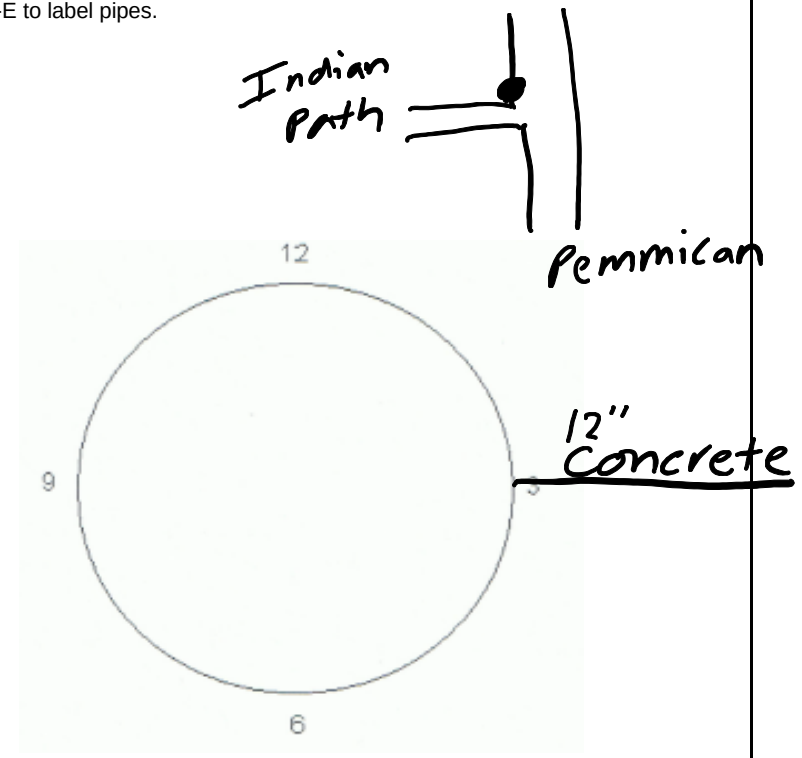
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 179

Location
- ☐ Easement / Cross Country
- ☐ Road: Pemmican Way
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

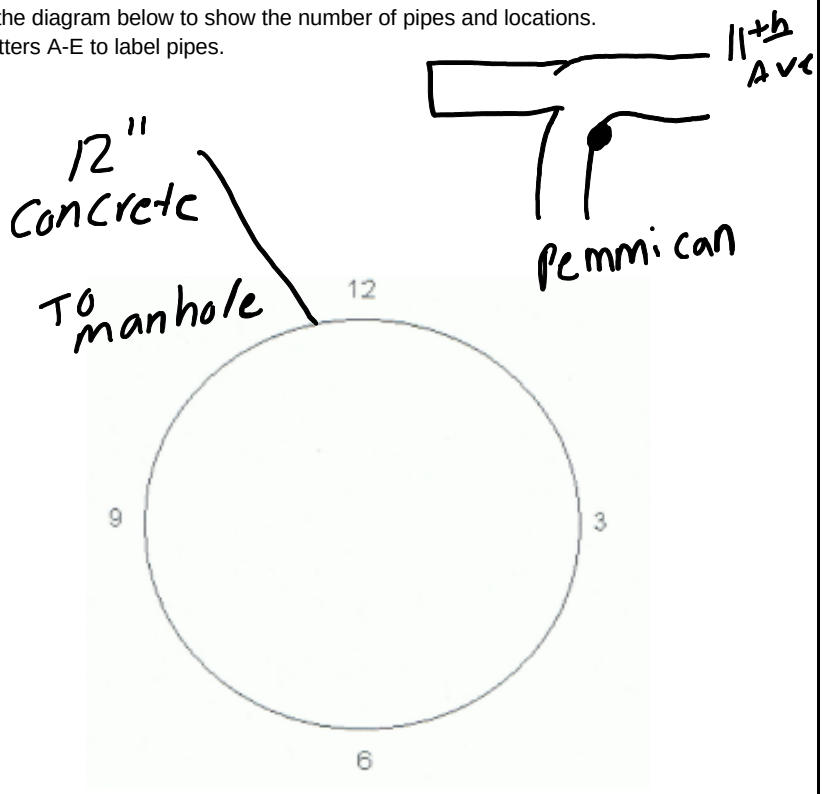
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 180

Location
- ☐ Easement / Cross Country
- ☐ Road: Pemmican Way
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

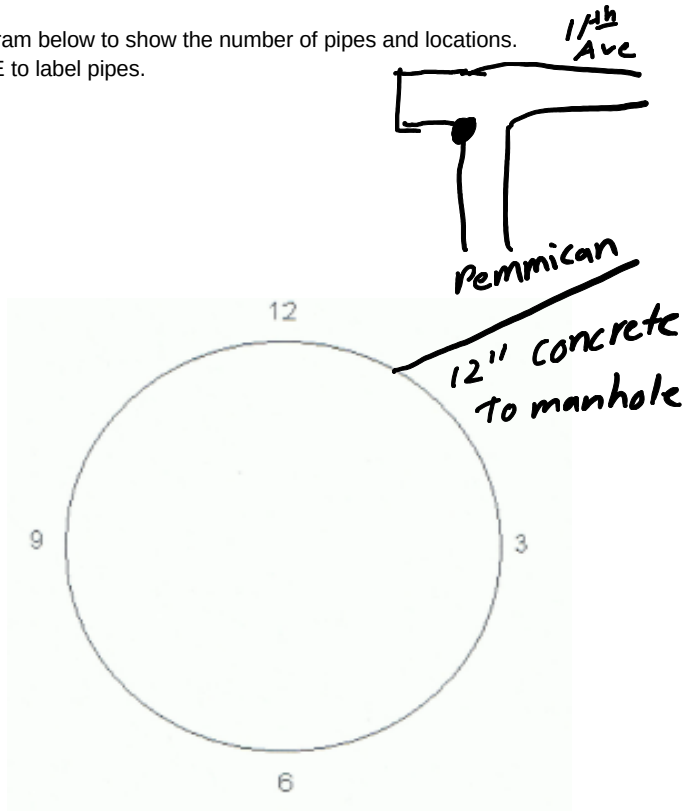
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 181

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

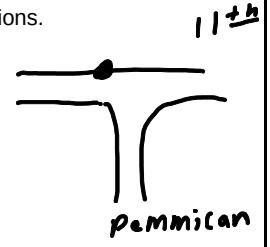
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

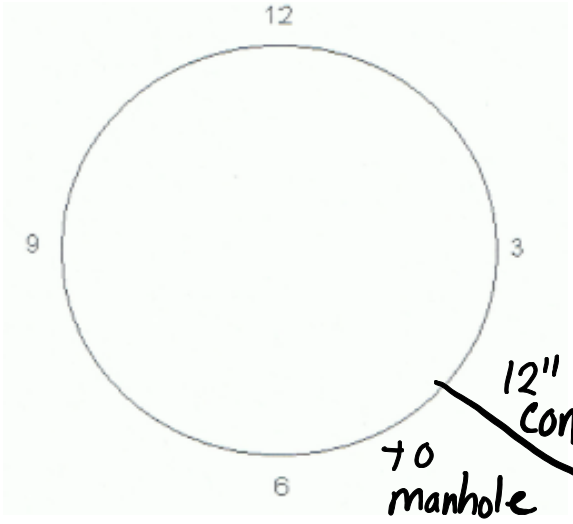
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 182

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

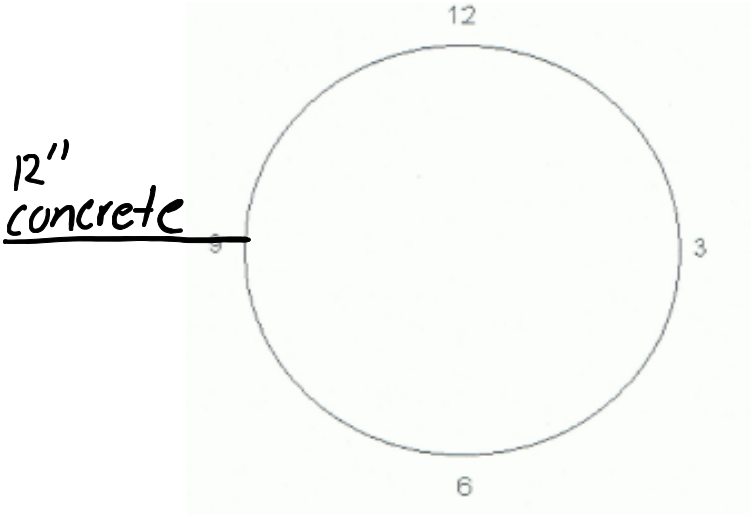
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

11th Cross



12" concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 183

Location
- ☐ Easement / Cross Country
- ☐ Road: Eleventh Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

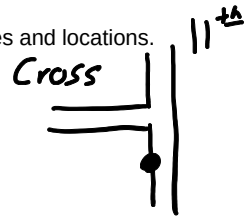
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

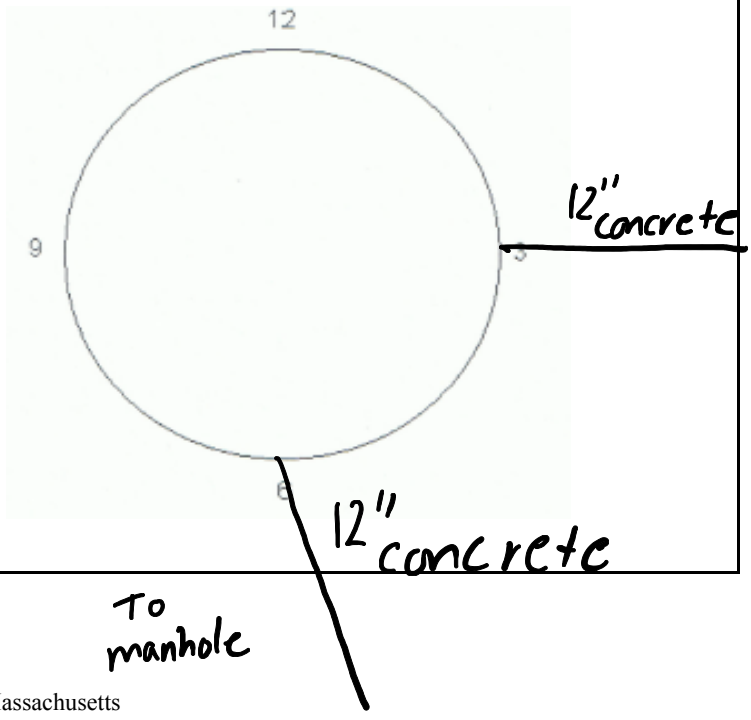
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 184

Location
- ☐ Easement / Cross Country
- ☐ Road: Cross Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: needs work. Can't see pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

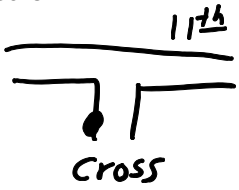
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

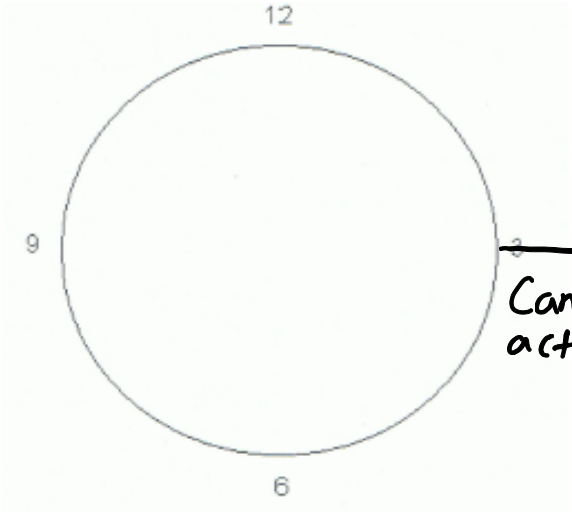
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 185

Location
- ☐ Easement / Cross Country
- ☐ Road: Cross Street
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Large amount of water. Clogged pipe?

Frame/Grate

Size: _____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe B
Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe D
Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe C
Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe E
Invert Depth From Top of Rim:

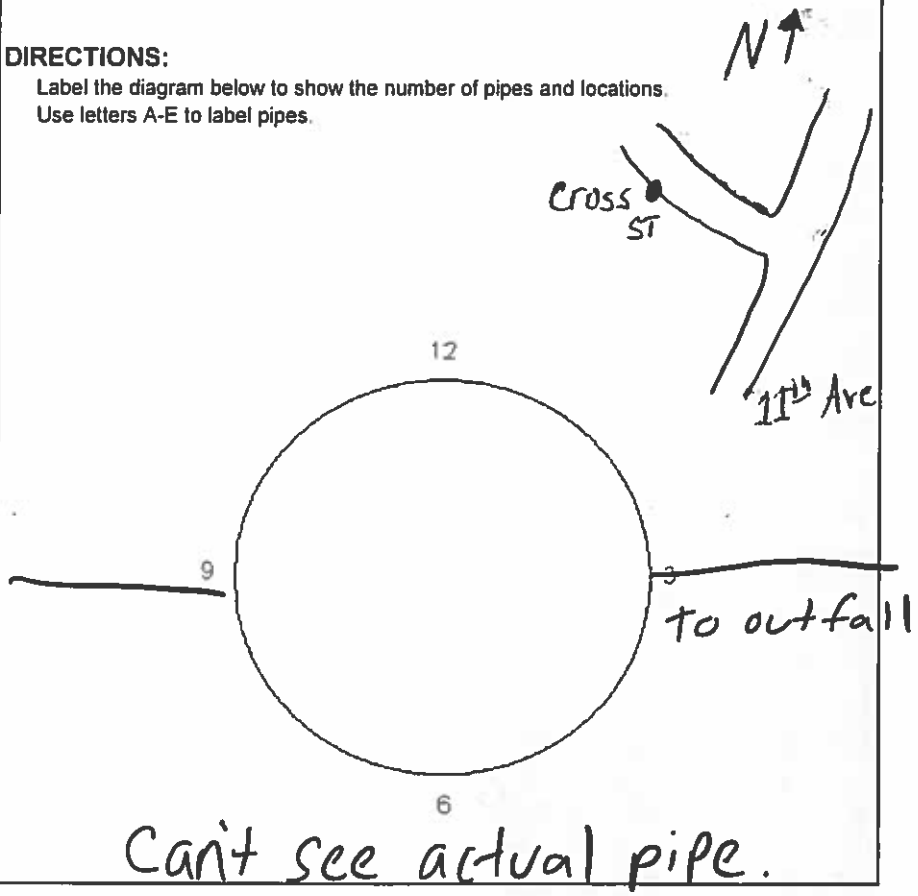
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Can't see actual pipe.

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 186

Location
- ☐ Easement / Cross Country
- ☐ Road: Cross Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

4

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

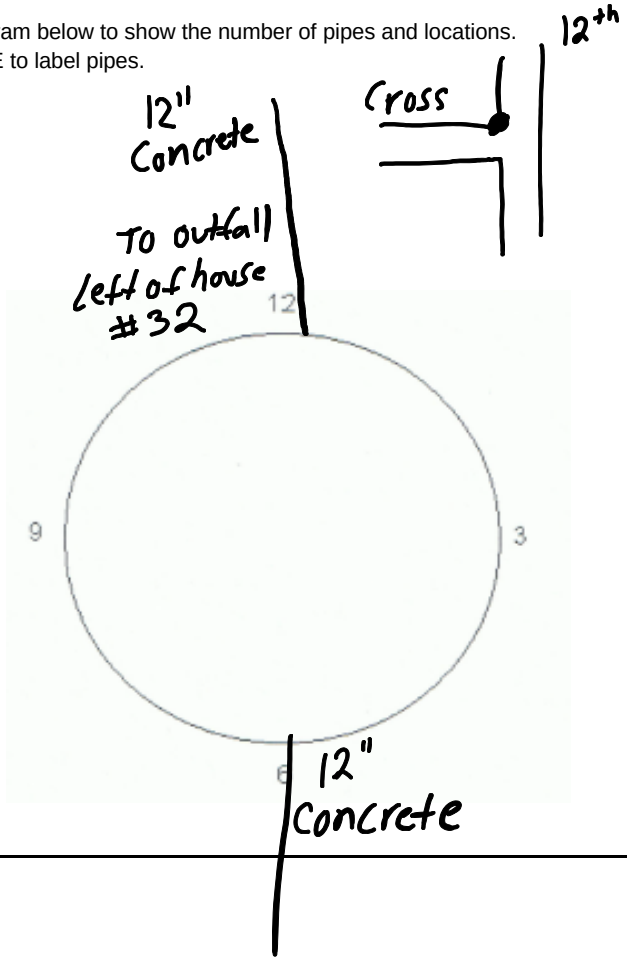
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 187

Location
- ☐ Easement / Cross Country
- ☐ Road: Cross Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

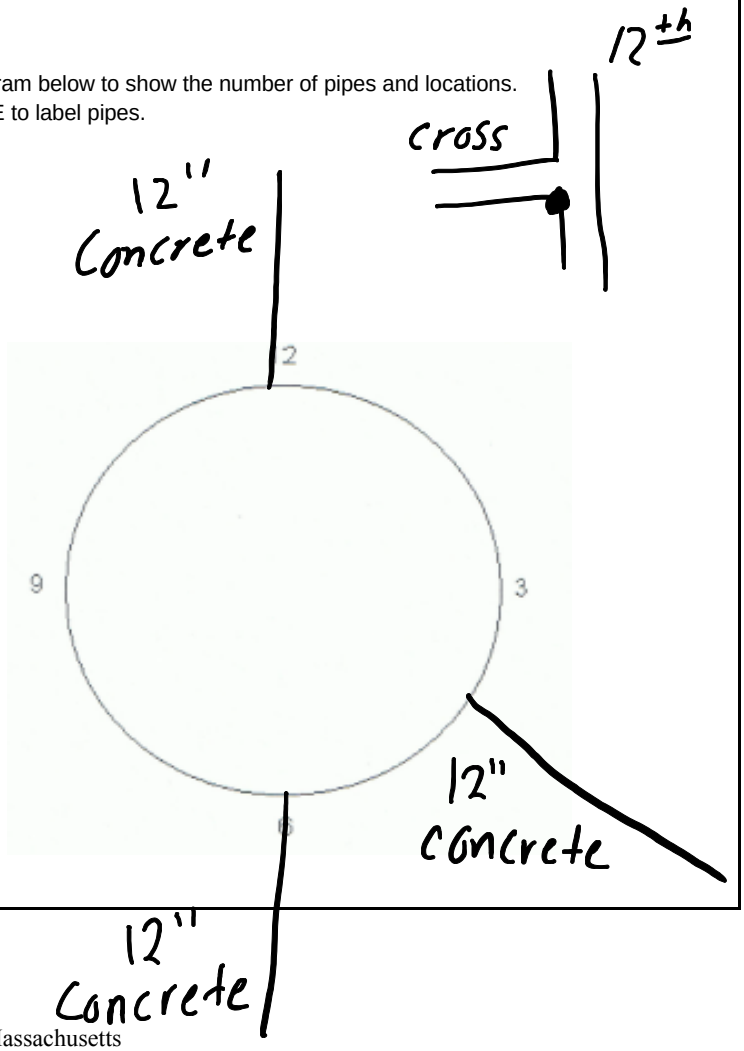
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 188

Location
- ☐ Easement / Cross Country
- ☐ Road: Twelfth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: may be due for cleaning pip has sediment inside

Frame/Grate
- Size:_____
- *Type*
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:
- *Material*
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____
- *Drop Pipe*
- ☐ Inside
- ☐ Outside
- *Size:*_____

☐ **Pipe B**
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

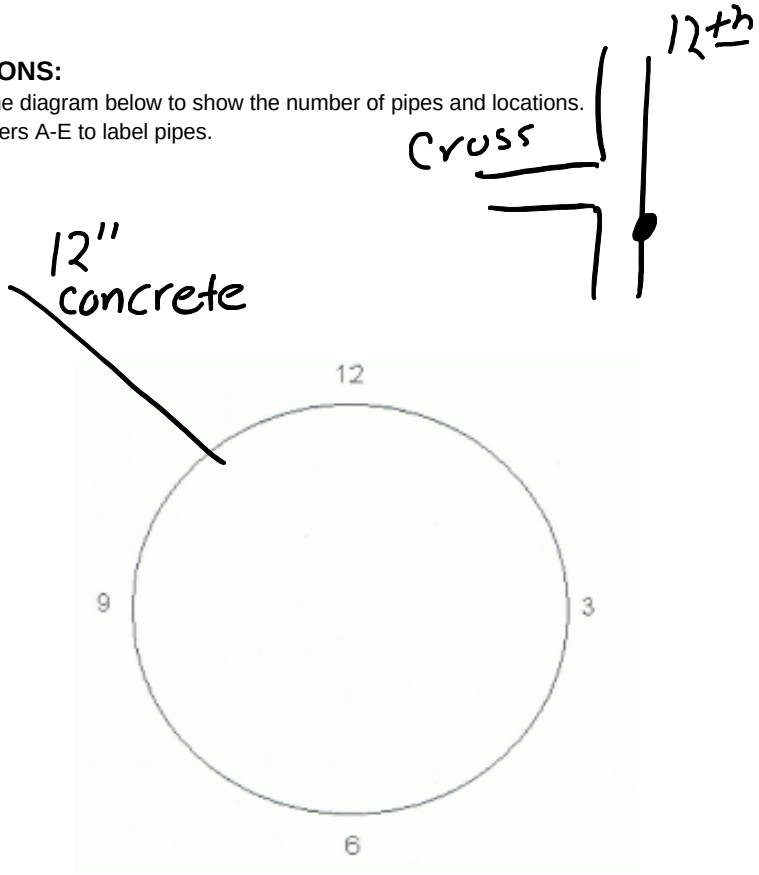
☐ **Pipe E**
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 189

Location
- ☐ Easement / Cross Country
- ☐ Road: Twelfth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

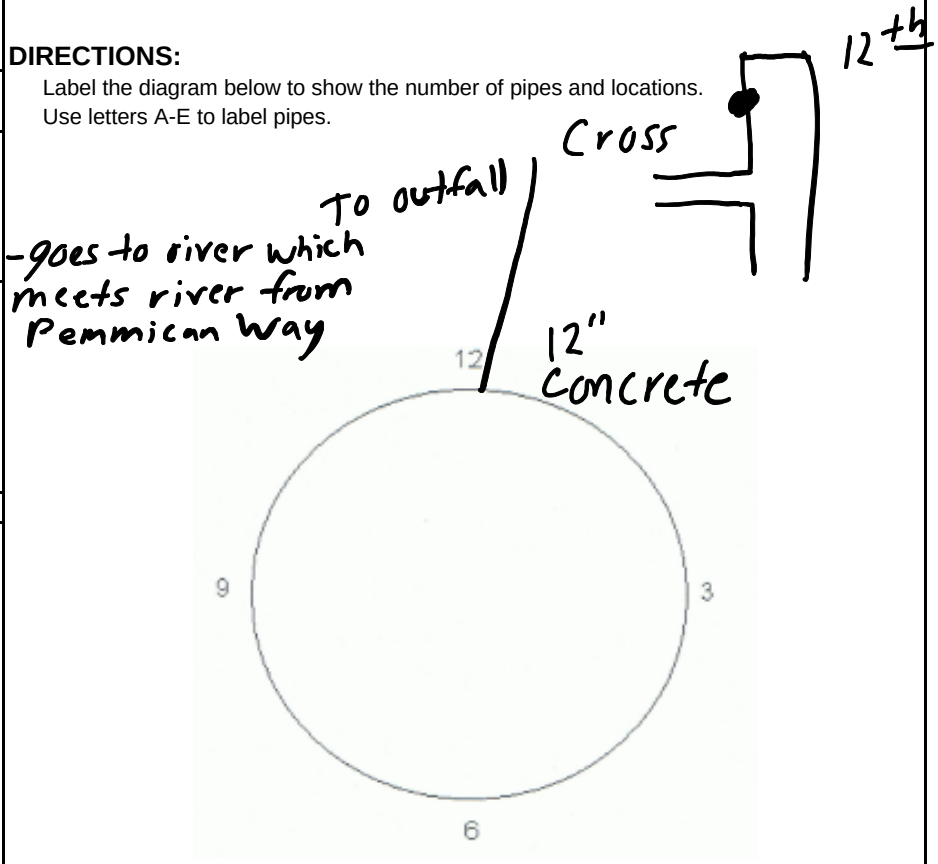
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 190

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street and Twelfth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Top of structure could use repairs.

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

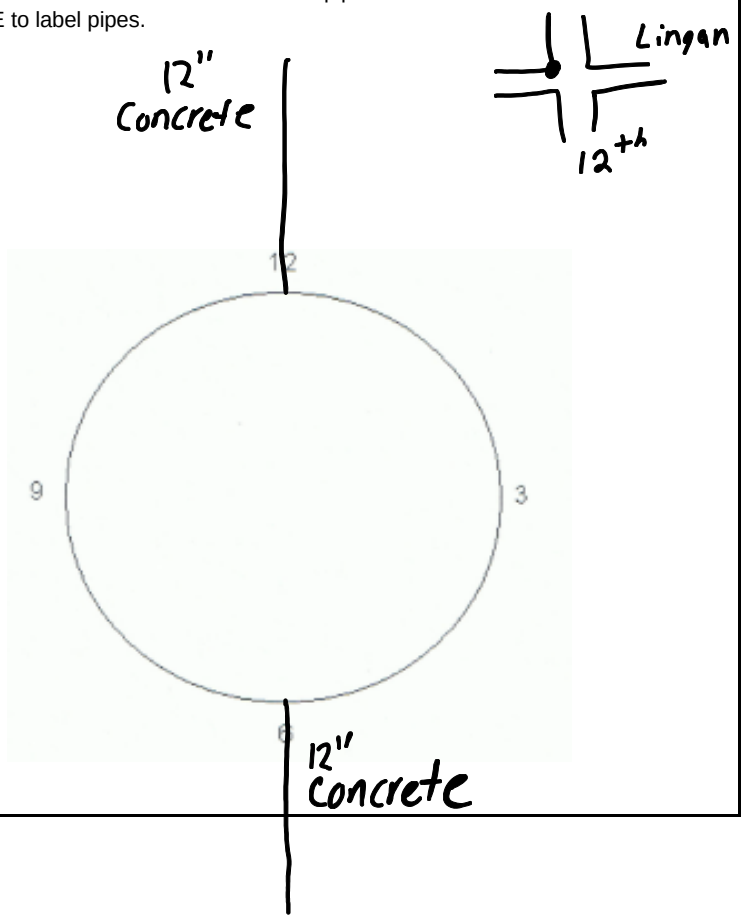
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 191

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street and Twelfth Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Structure could use repairs

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

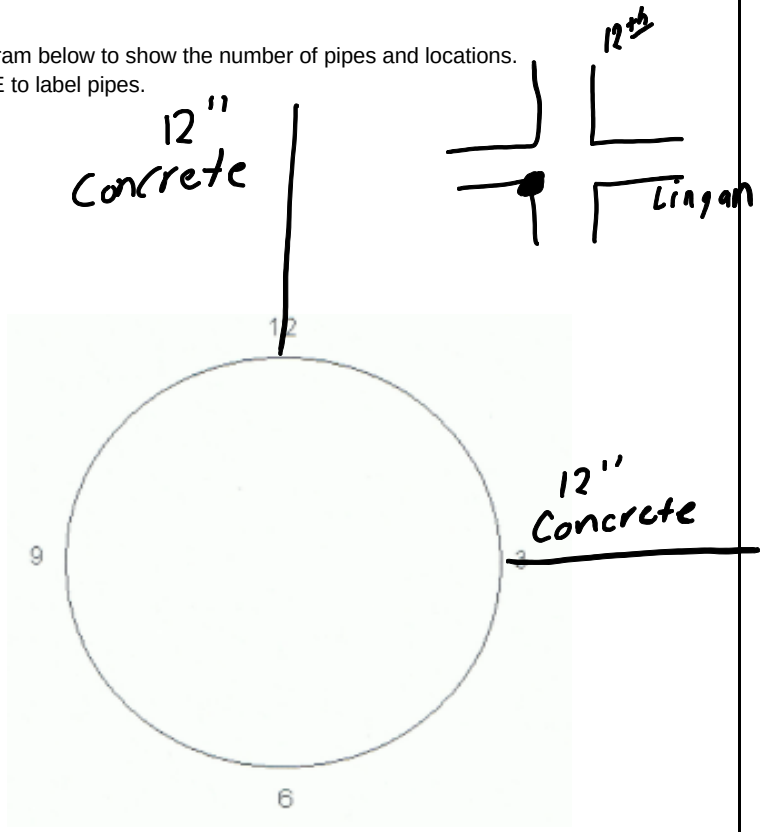
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 192

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street and
- ☐ CB Buried Twelfth Avenue
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

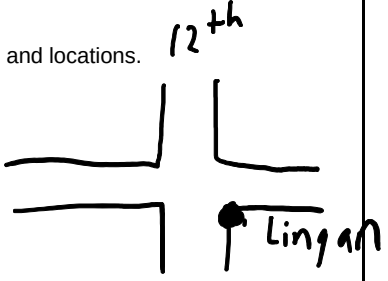
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

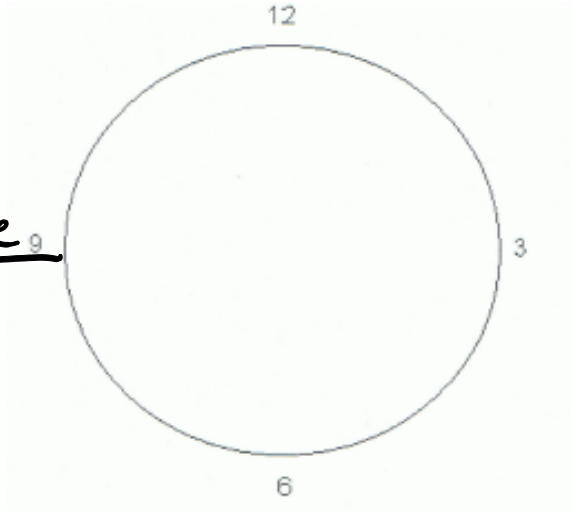
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



12" Concrete



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 193

Location
- ☐ Easement / Cross Country
- ☐ Road: Twelfth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: needs to be cleaned, pipes are 1/3 under sediment

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

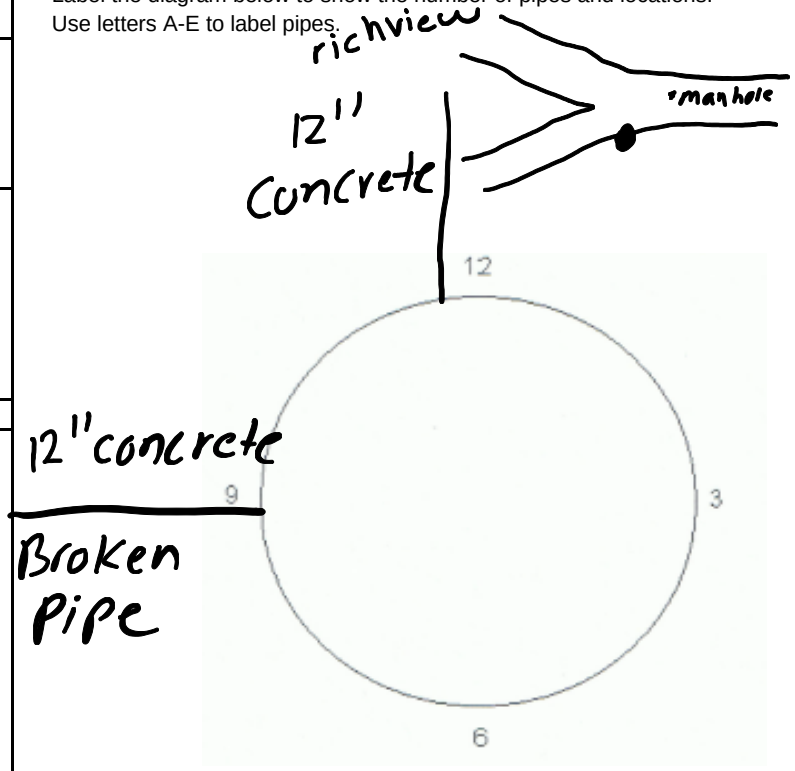
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 194

Location
- ☐ Easement / Cross Country
- ☐ Road: Twelfth Avenue
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate
Size: _____
Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____
%debris in SU: _____

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:
  Material
  - ☐ PVC
  - ☐ HDPE
  - ☐ Steel / Iron
  - ☐ Concrete
  - ☐ Other _____
  Drop Pipe
  - ☐ Inside
  - ☐ Outside
  Size: _____

☐ Pipe B
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe C
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe D
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

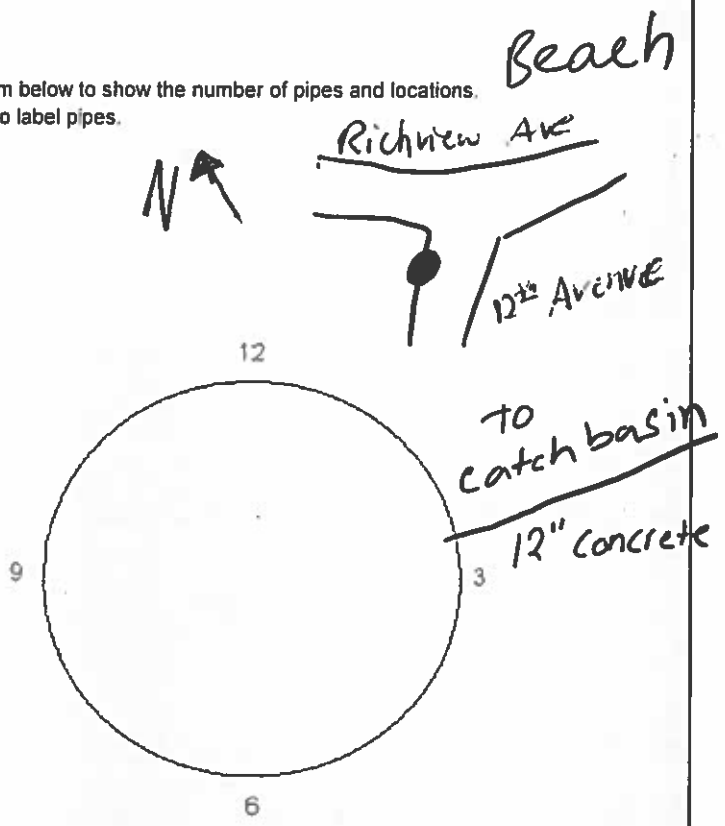
Size: _____

☐ Pipe E
Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:
Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 195

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☑ Leaching Basin

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Full of Water 1

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

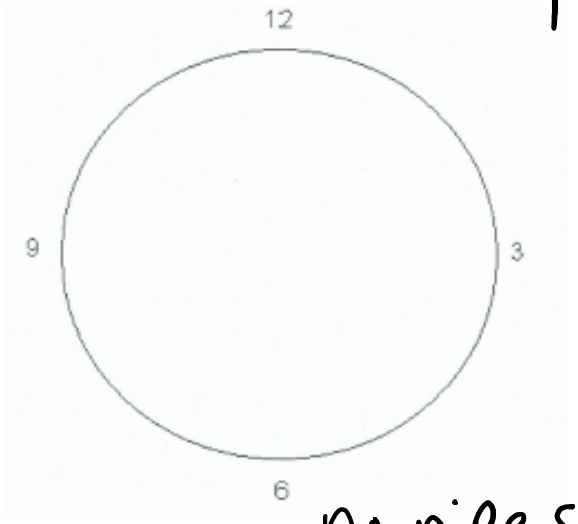
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Leaching Basin
- Full of water



no pipes

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 196

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other Leaching Basin
- ☑

Condition of Structure
- ☐ Good
- ☐ Damaged Full of water
- ☐ Cracked
- ☐ Other: _____ 2

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

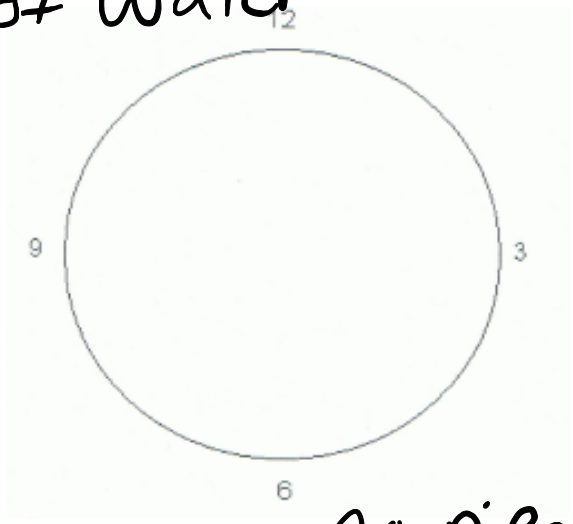
Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

richview

13th

Leaching Basin

Full of water



No pipes

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 197

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

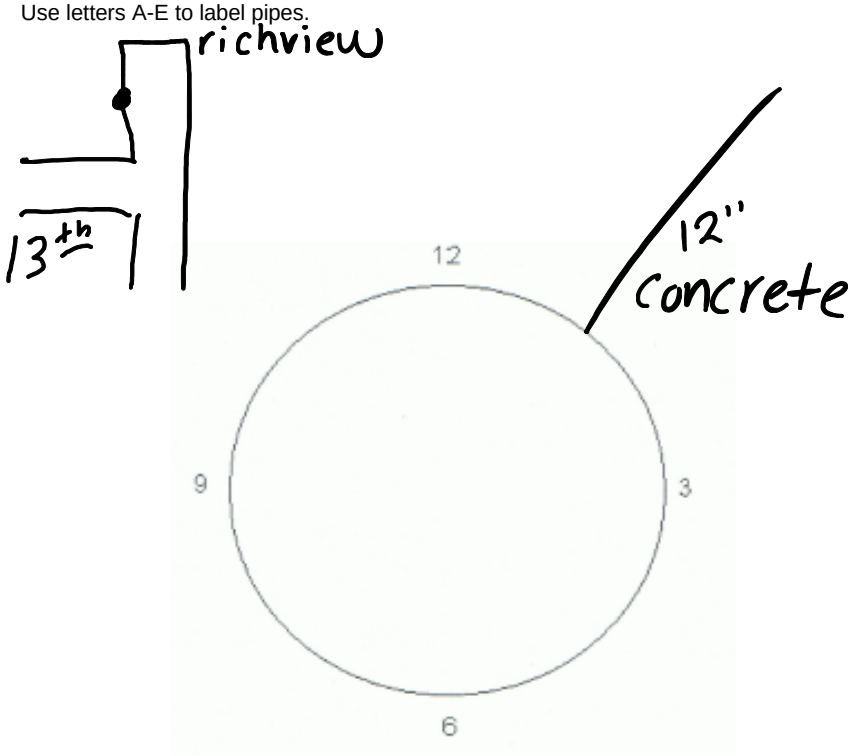
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 198

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

needs cleaning

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

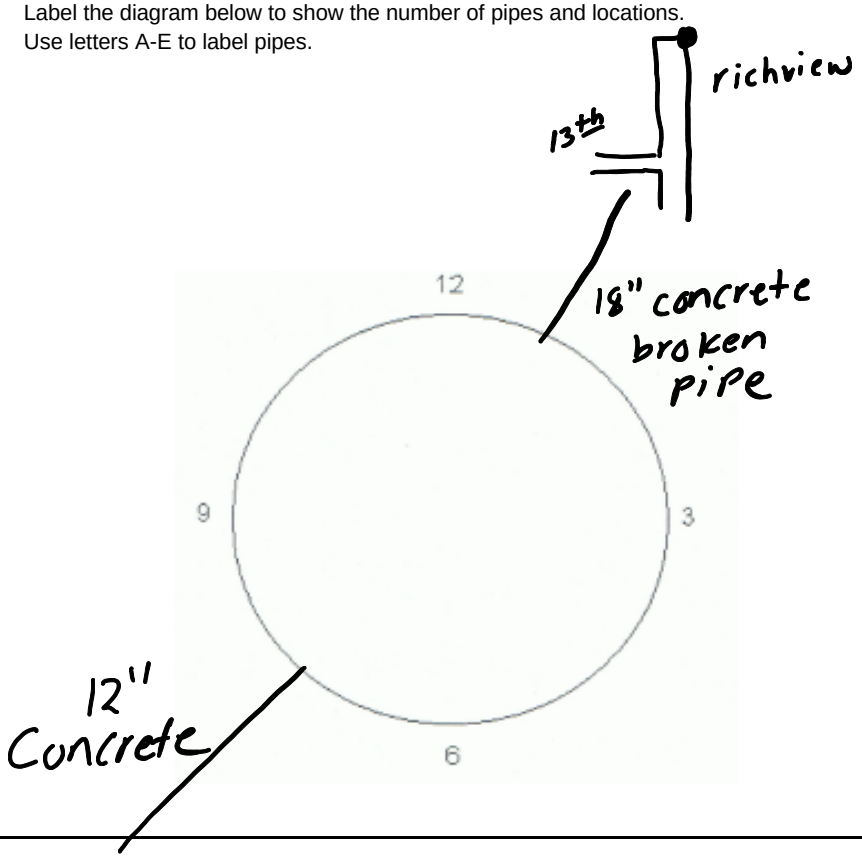
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 199

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

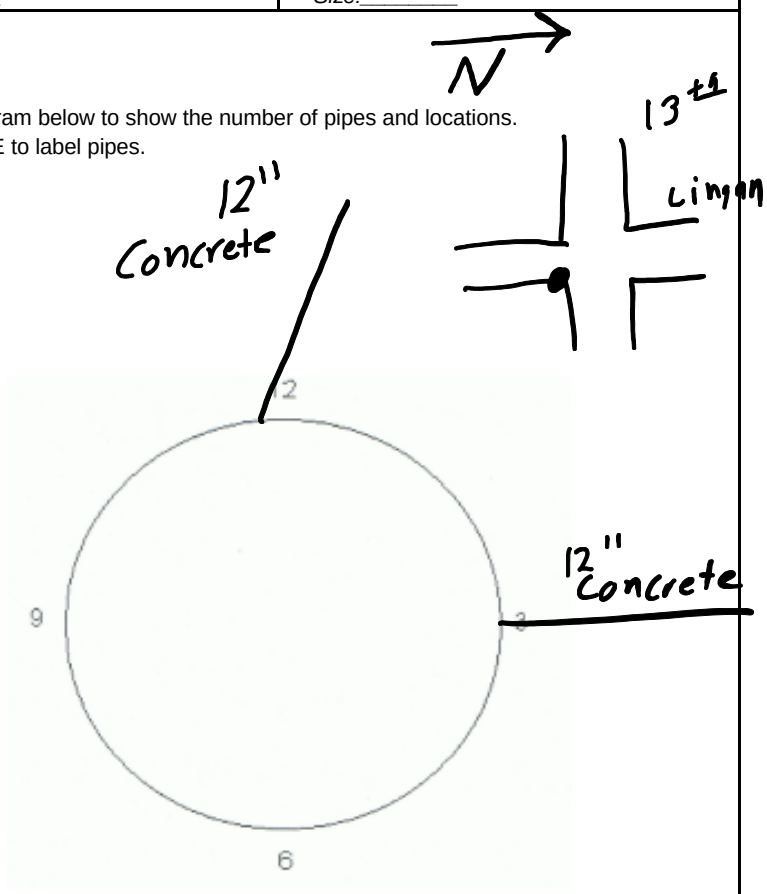
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 200

Location
- ☐ Easement / Cross Country
- ☐ Road: Lingan Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

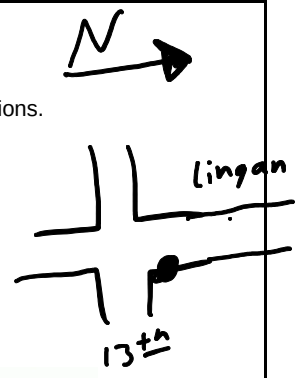
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

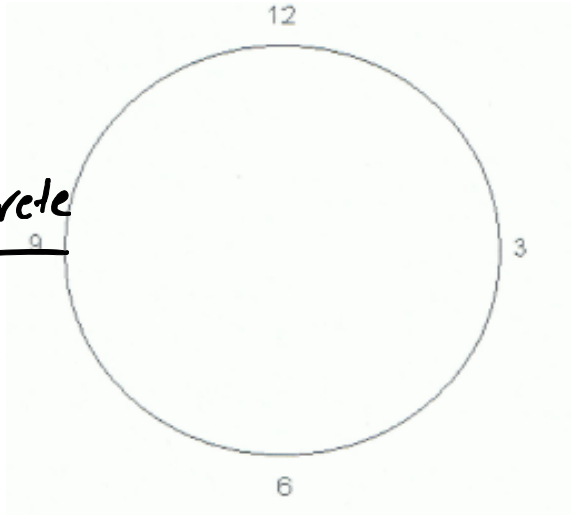
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 201

Location
- ☐ Easement / Cross Country
- ☐ Road: Thirteenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good - CB is slanted
- ☐ Damaged - structure needs
- ☐ Cracked work
- ☑ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☑ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

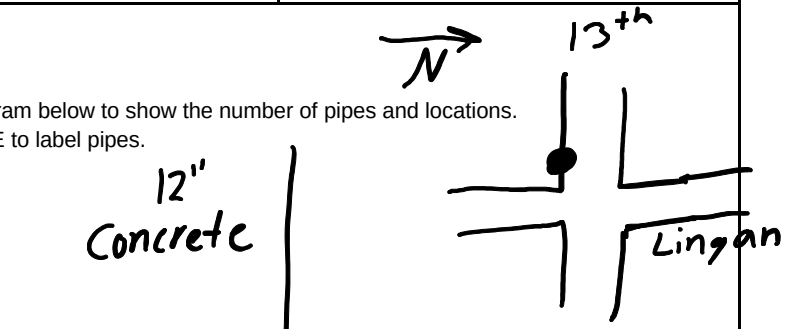
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

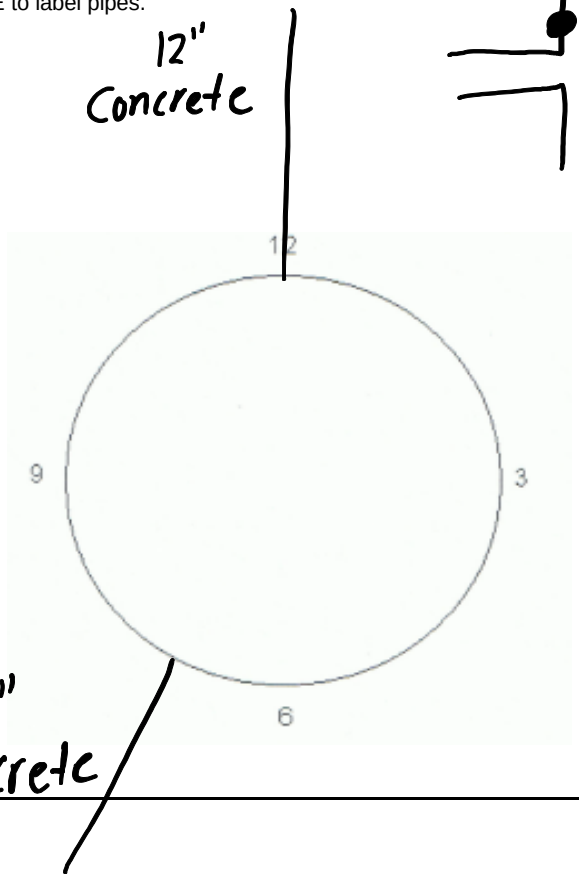
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 202

Location
- ☐ Easement / Cross Country
- ☐ Road: Thirteenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

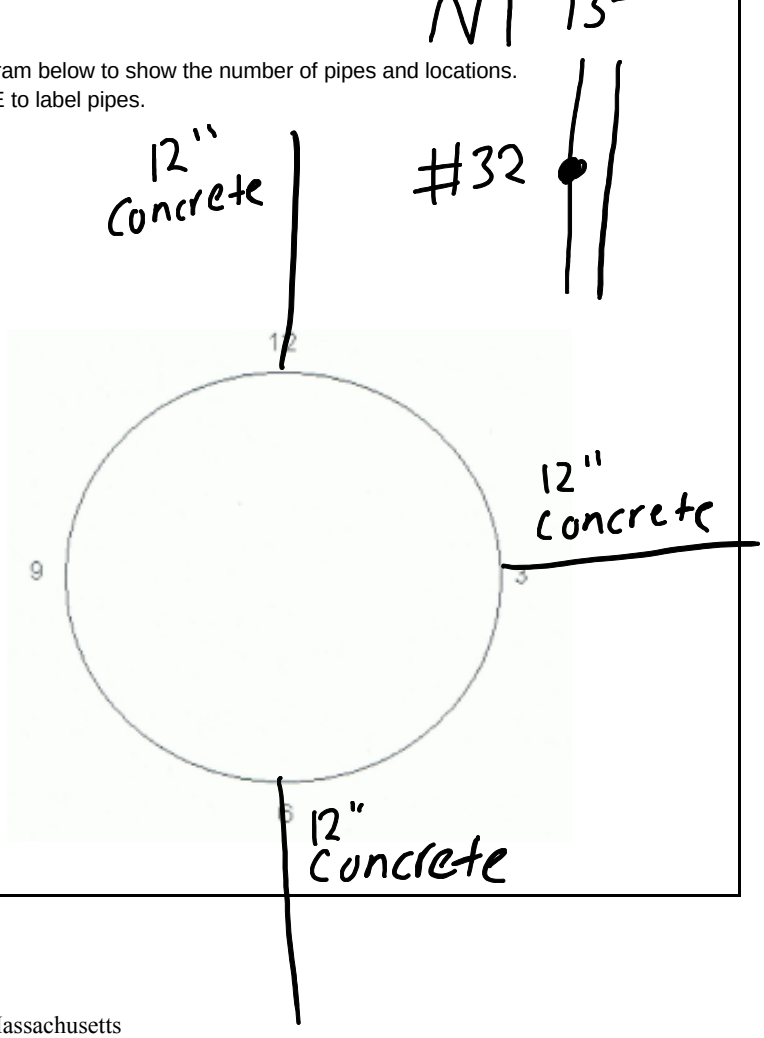
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 203

Location
- ☐ Easement / Cross Country
- ☐ Road: Thirteenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Leaching Basin

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

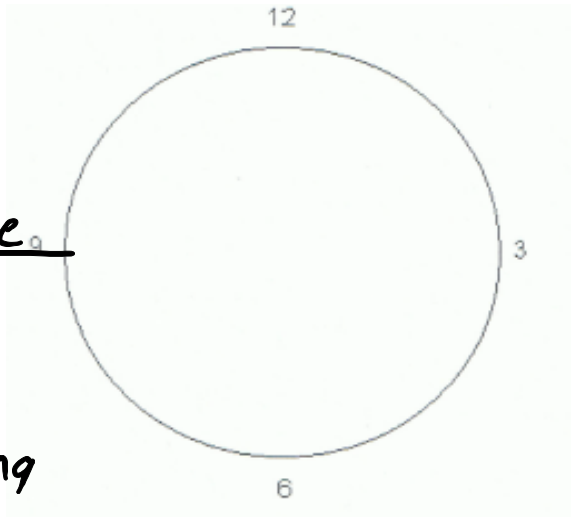
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

13th N

#32



12" Concrete

Leaching Basin

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 204

Location
- ☐ Easement / Cross Country
- ☐ Road: Thirteenth Avenue
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block Leaching Basin
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged Full of water
- ☐ Cracked
- ☐ Other: 1

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

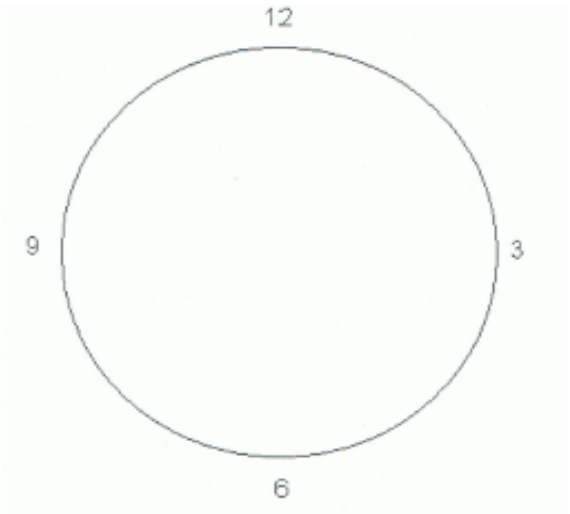
DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

N ↑ 13th

Leaching Basin
Full of water

#40



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 205

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

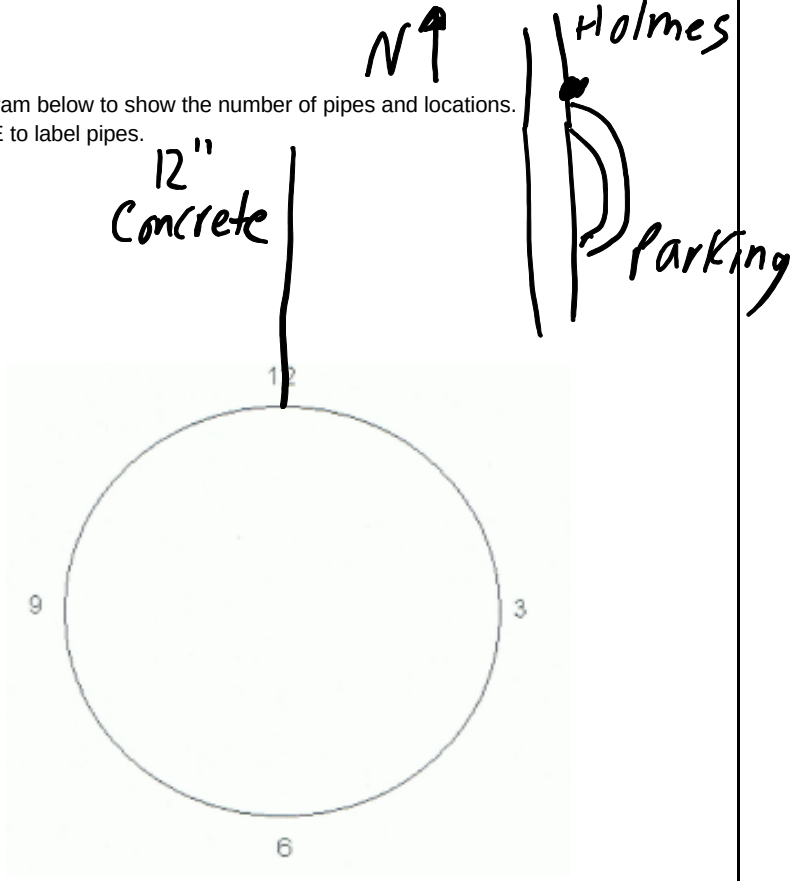
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 206

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

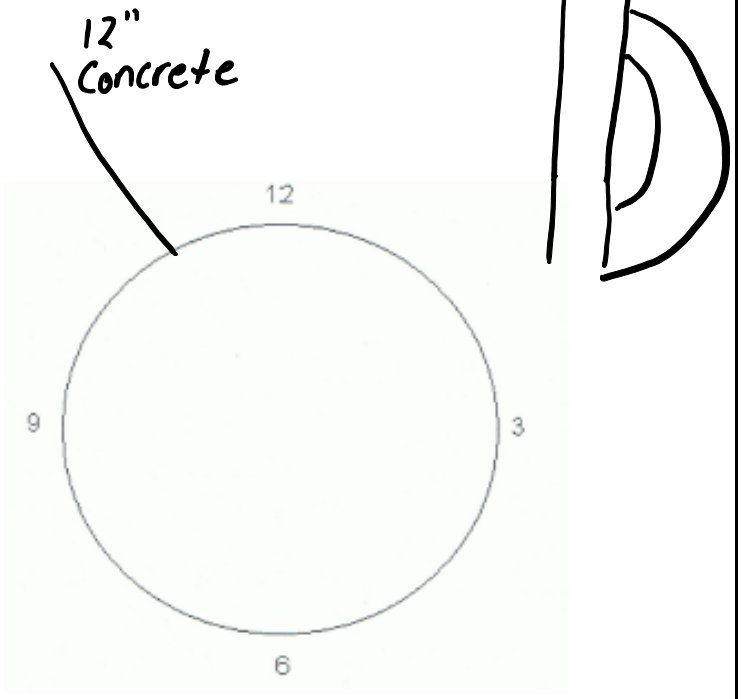
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 207

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other Could not see into catch basin
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Full of debris and sediment to top of grate

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

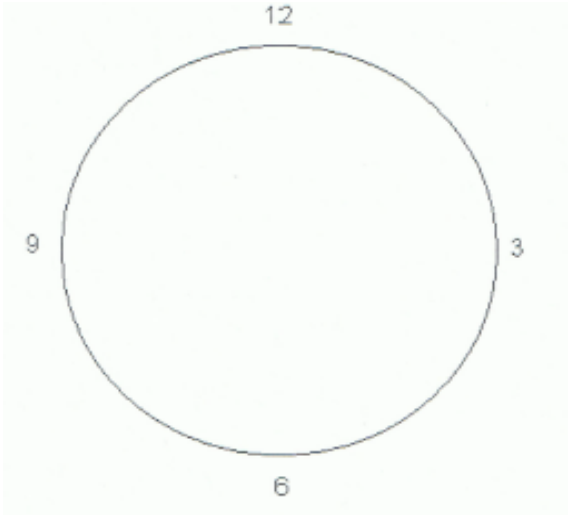
Drop Pipe
- ☐ Inside
- ☐ Outside

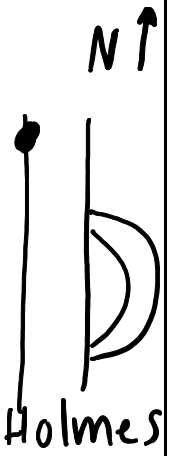
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Can't see any pipes
Structure full of sediment





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 208

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: needs repairs

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

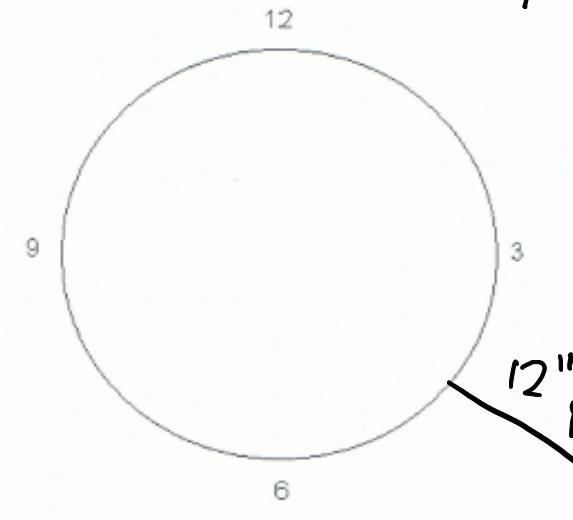
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Holmes NB



12" metal

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 209

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure 2
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Blocks need to be replaced

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

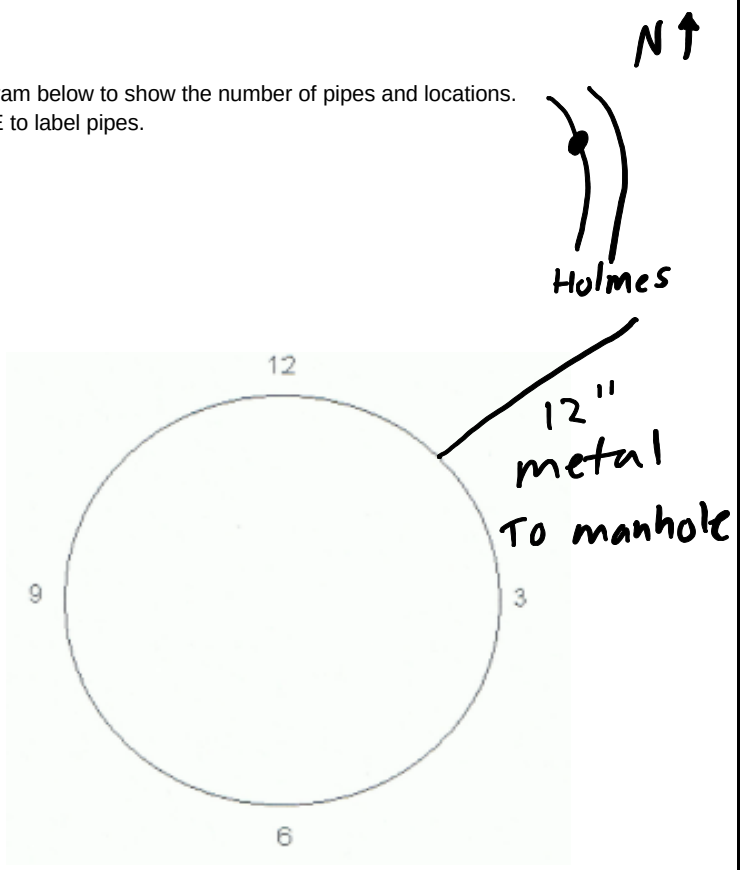
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 210

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

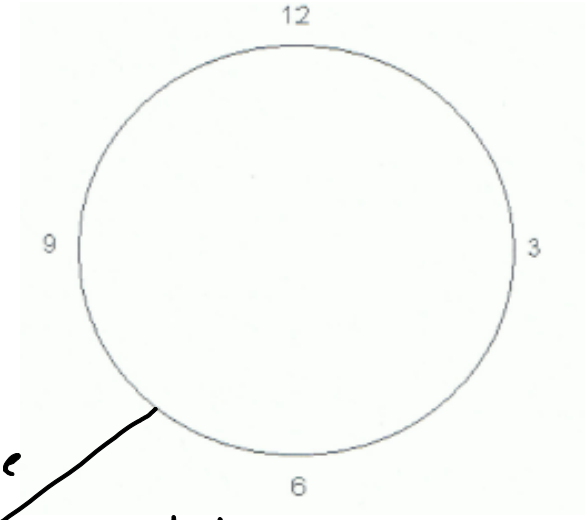
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

N ↑ Holmes

#67



12" Concrete

to manhole

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 211

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

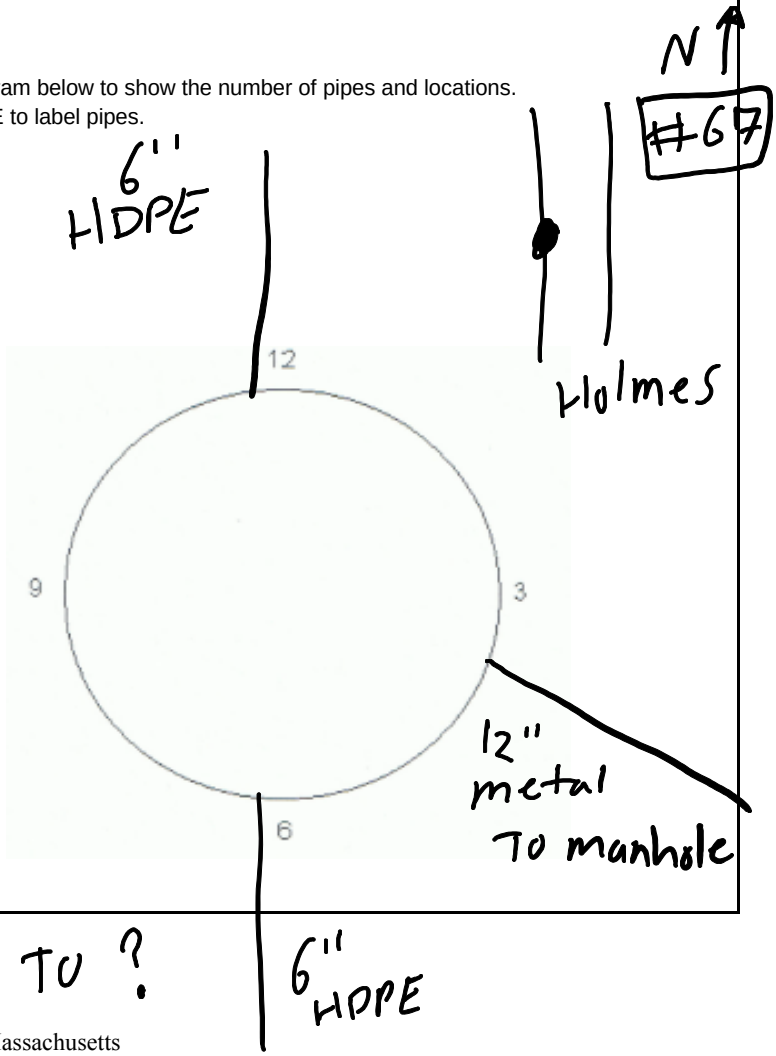
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 212

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

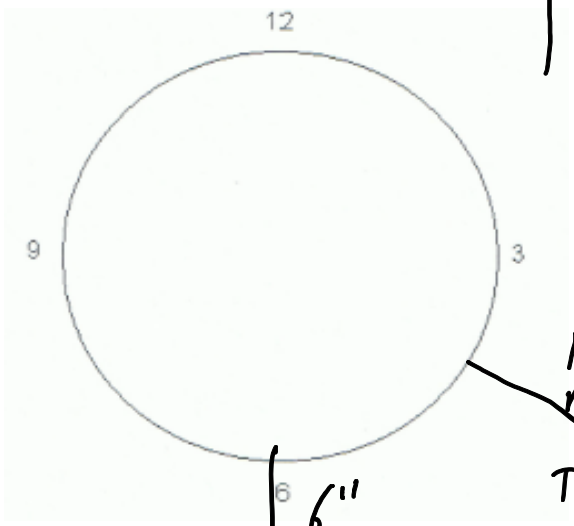
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



N ↑

#75

Holmes

12" metal

To manhole

6" HDPE

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 213

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

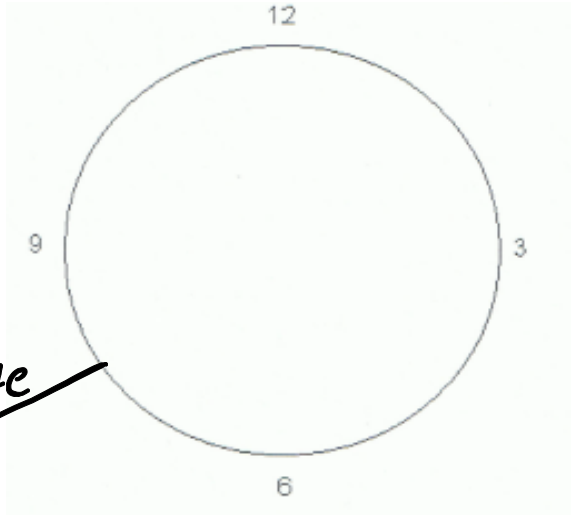
DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

NT

Holmes

#75



12" Concrete

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 214

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

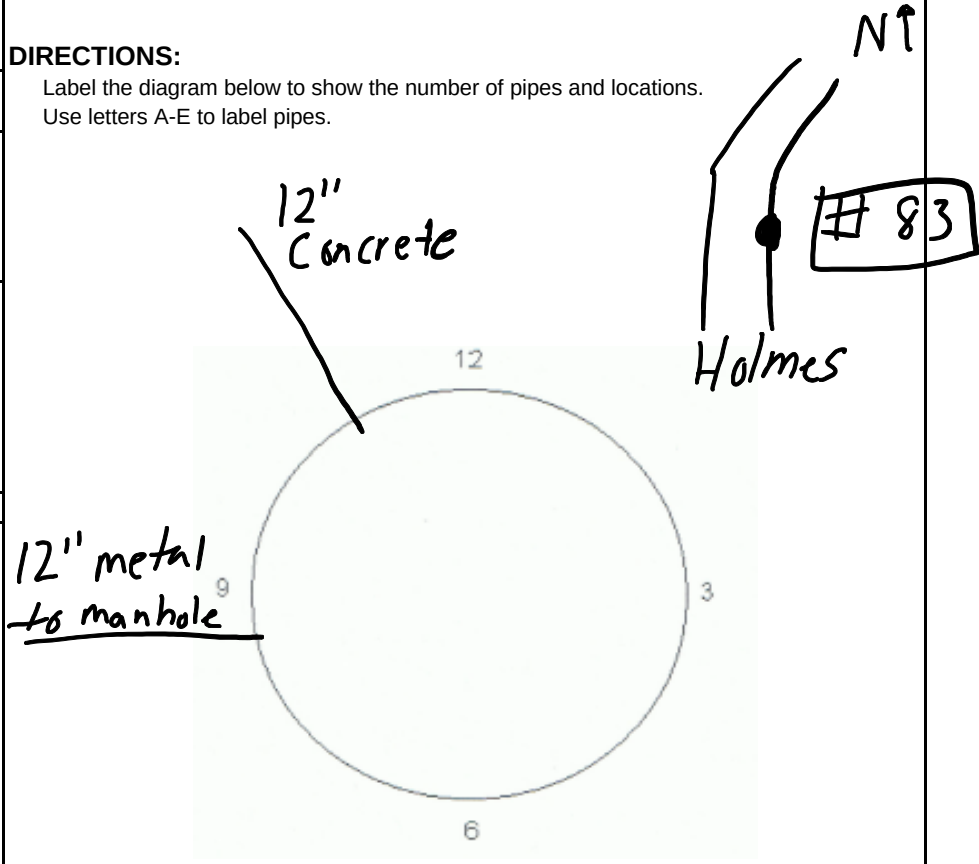
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 215

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: - full of sediment - only half of pipe is showing

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

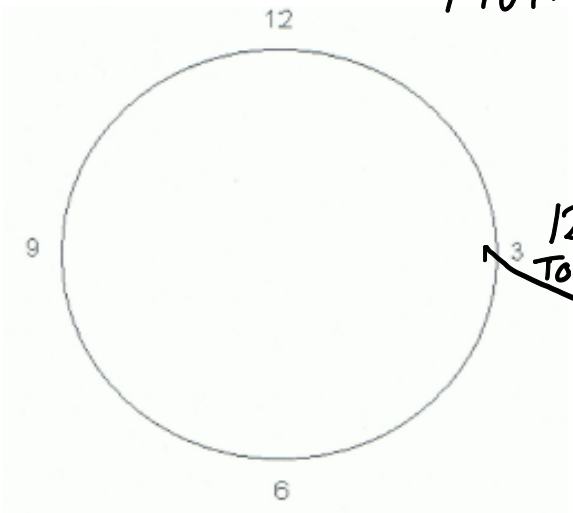
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



N

#83

Holmes

12" metal To manhole

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 216

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: needs to be cleaned

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

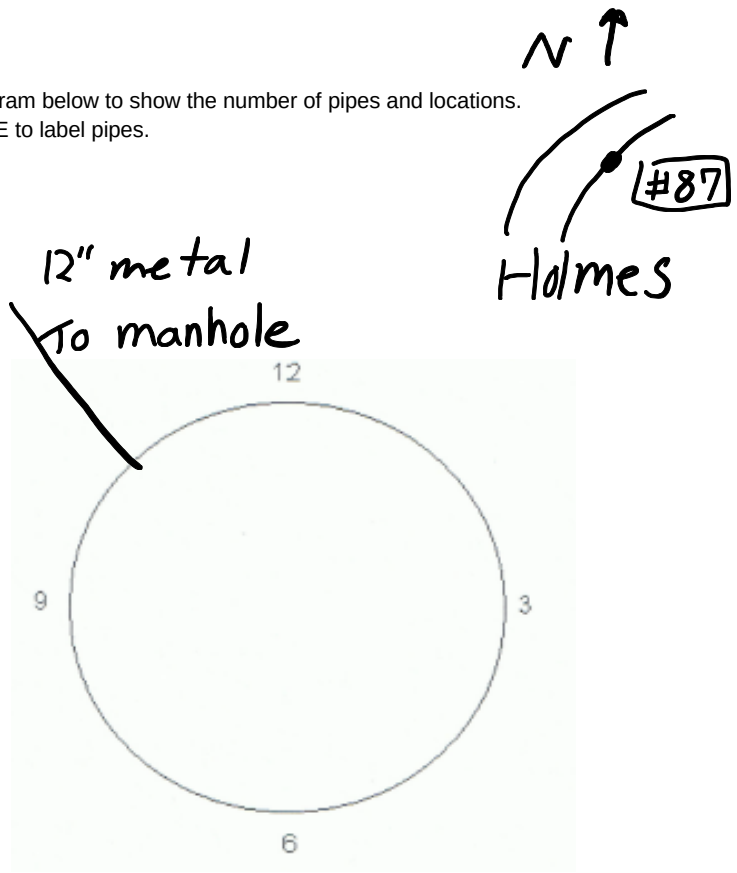
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 217

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

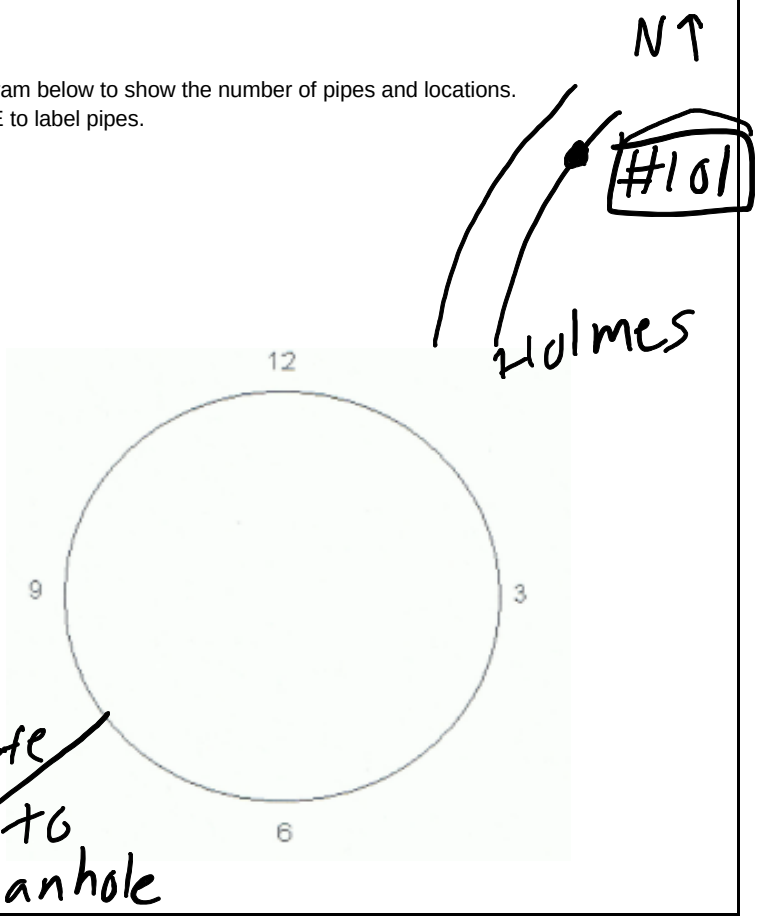
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 218

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Lots of sediment needs cleaning

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

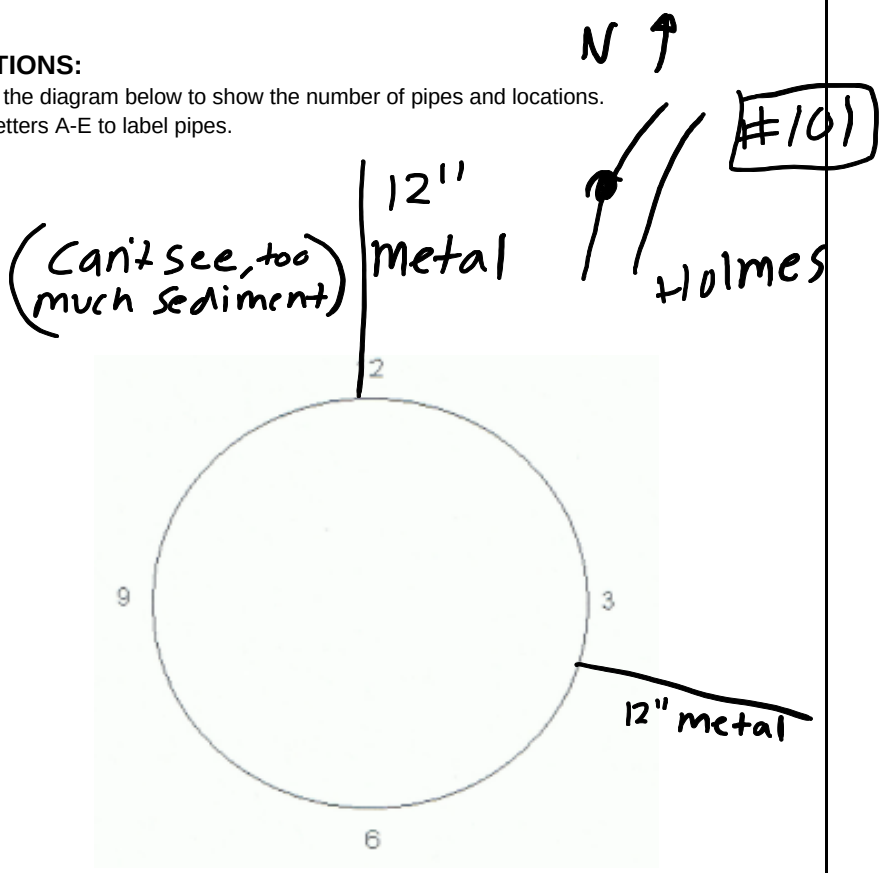
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 219

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: needs cleaning

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

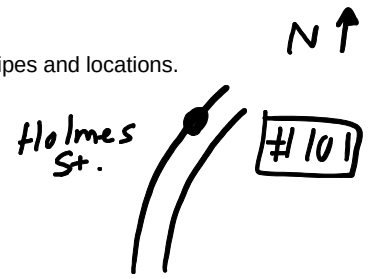
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

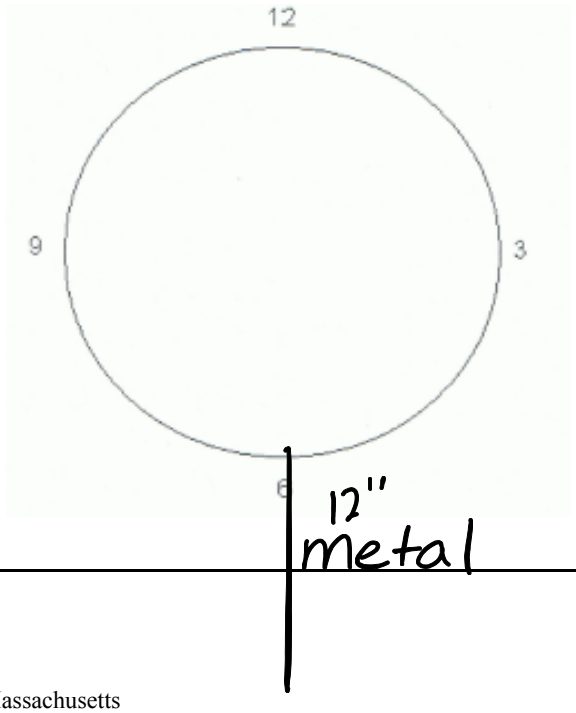
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 220

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: Lots of sediment Can't see pipe

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

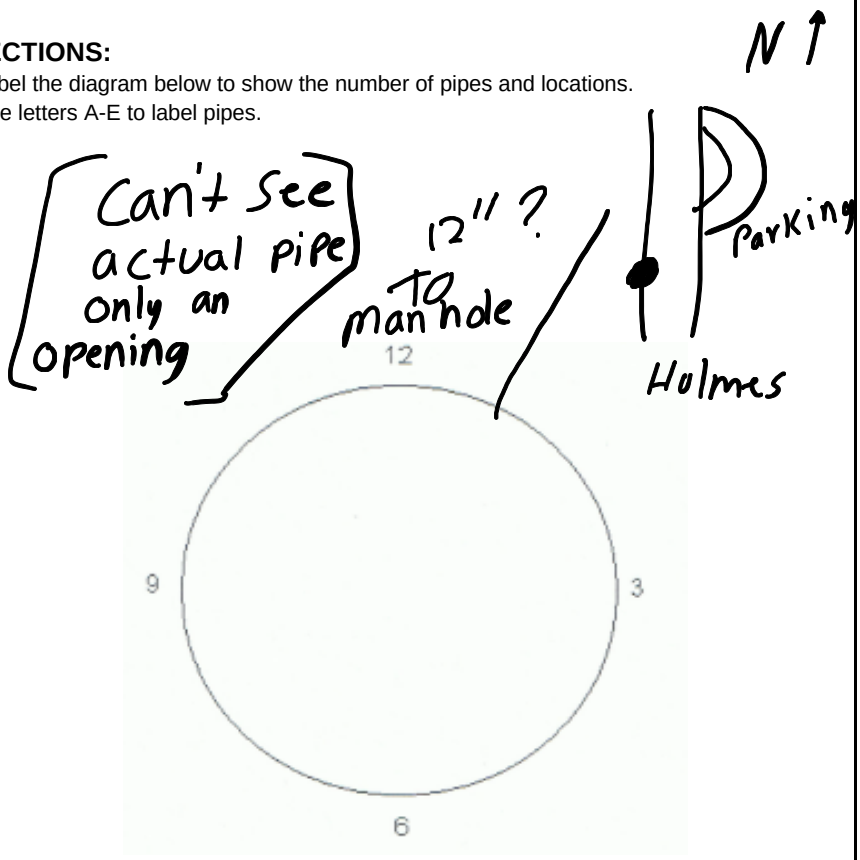
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 221

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

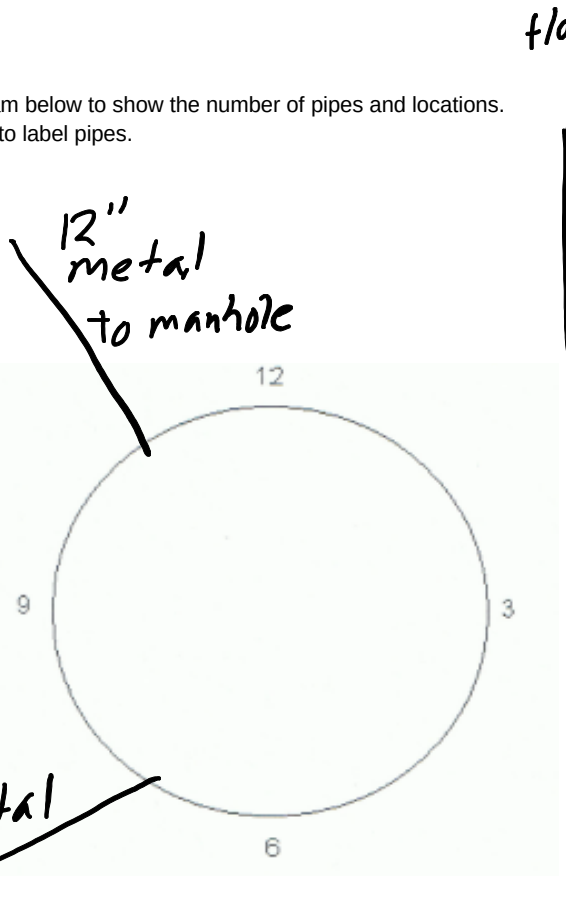
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 222

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

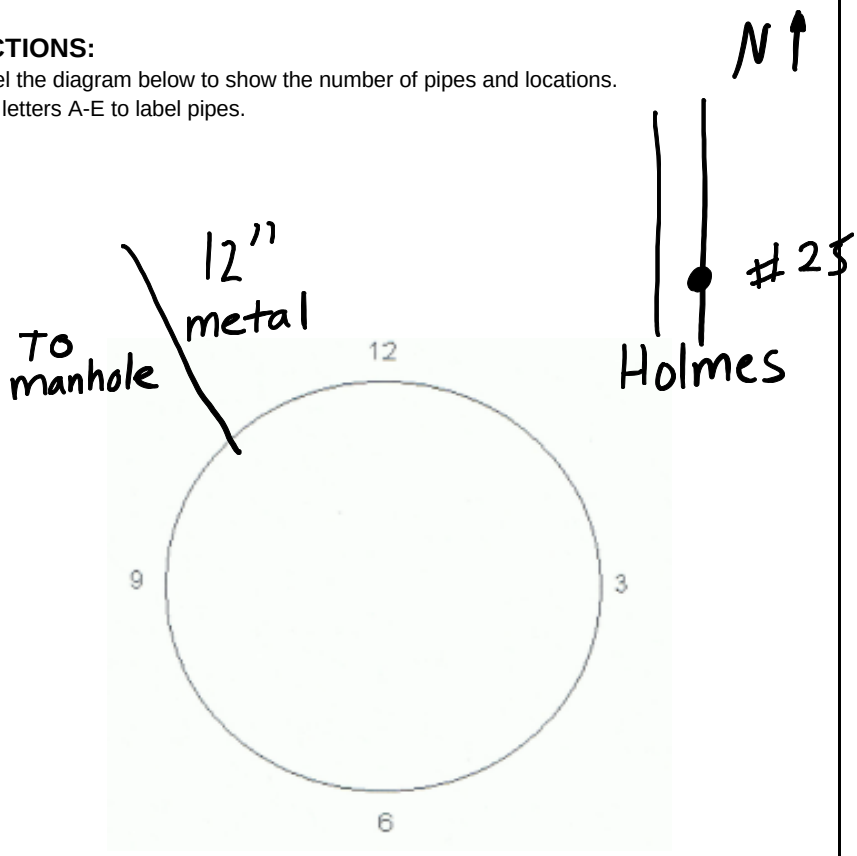
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 223

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☑ Other: needs cleaning

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☑ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

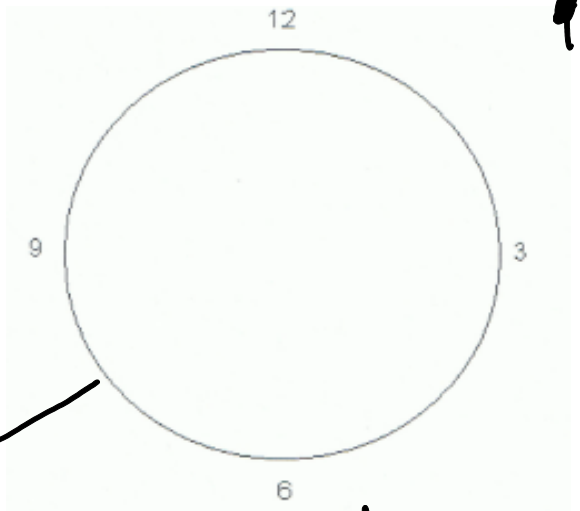
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations. Use letters A-E to label pipes.

Holmes N↑

#25



12" metal

To manhole in Sidewalk

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Time:** _____ **Date:** 10/6/16

CB ID# CB - 224

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: needs cleaning

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

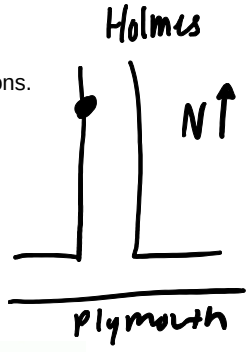
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

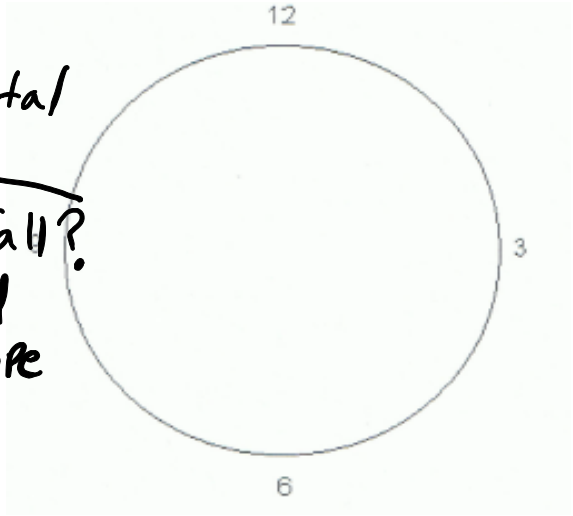
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" metal

To outfall?

Can't find outfall pipe

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 225

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: Sediment pile

pipe deformed

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

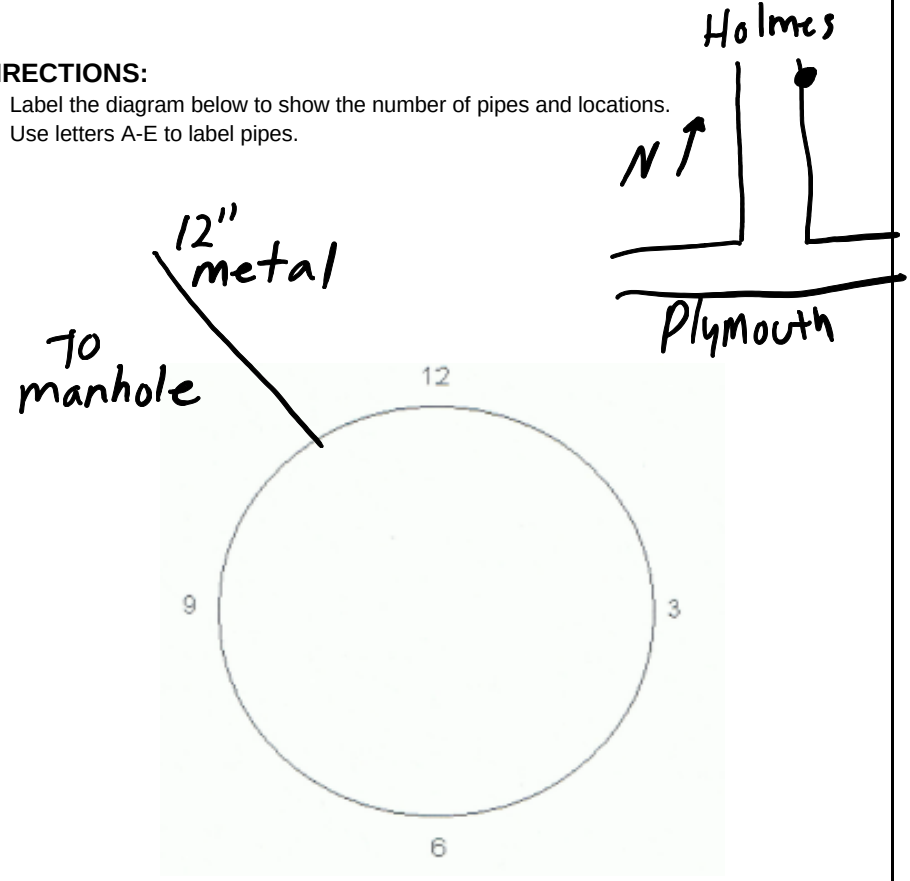
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 226

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☑ Damaged — bricks are failing
- ☐ Cracked
- ☐ Other: _____

2

Frame/Grate

Size:_____

Type
- ☑ Rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

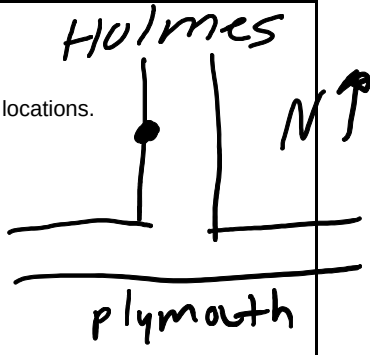
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

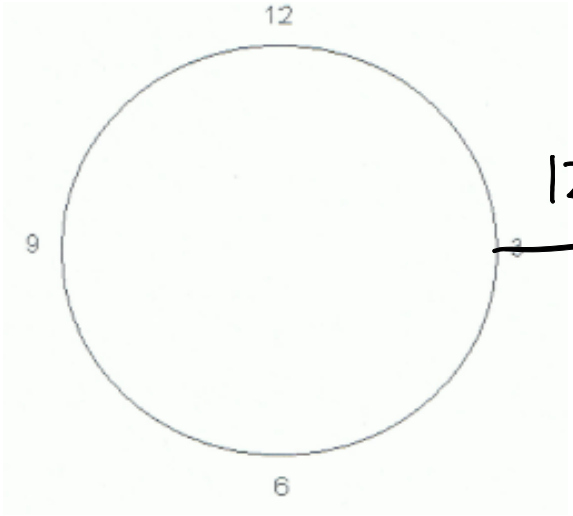
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





12" metal

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 227

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes
- ☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ Pipe E

Invert Depth From Top of Rim:

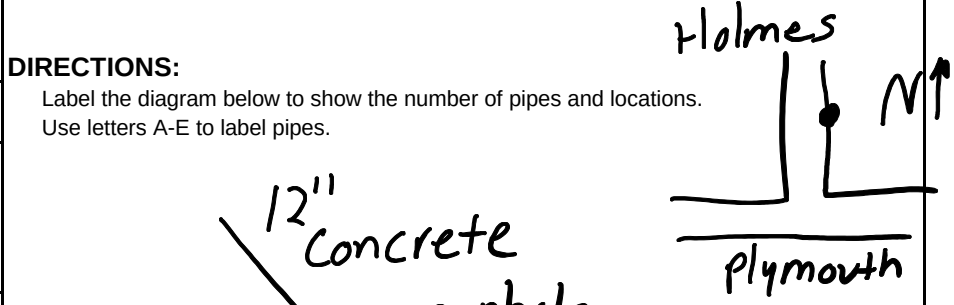
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

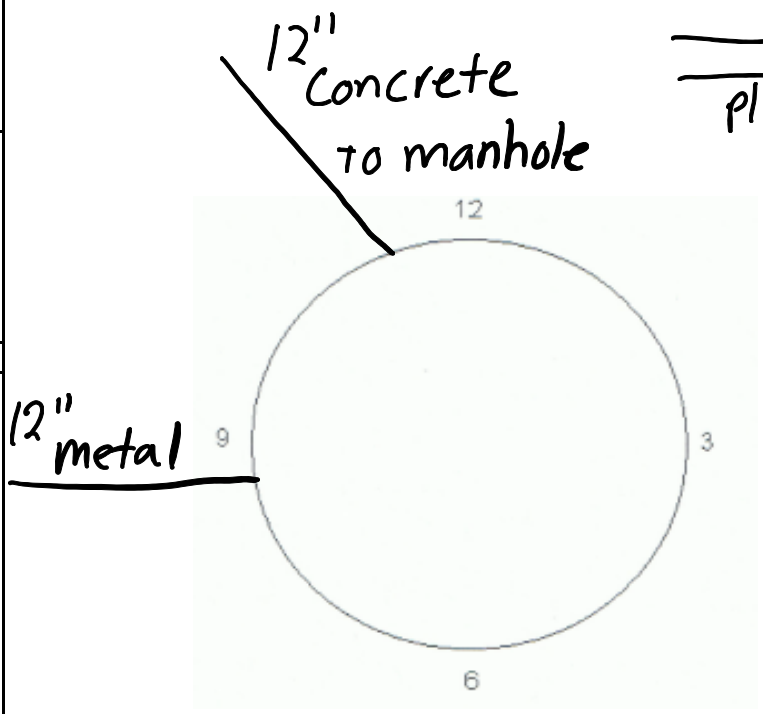
Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 228

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

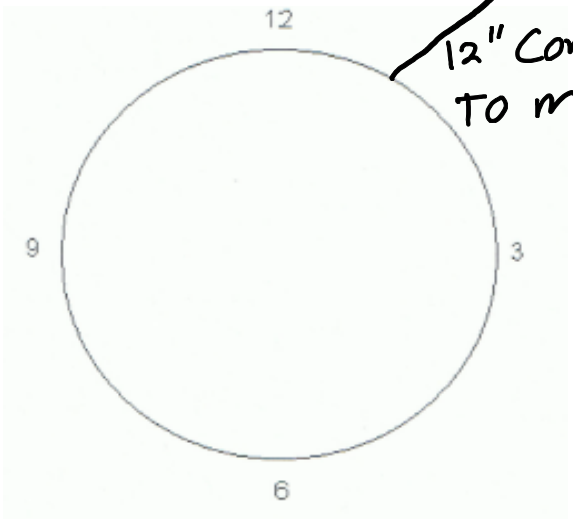
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Holmes

NT

plymouth

12" Concrete to manhole

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/6/16

CB ID# CB - 229

Location
- ☐ Easement / Cross Country
- ☐ Road: Holmes Street
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

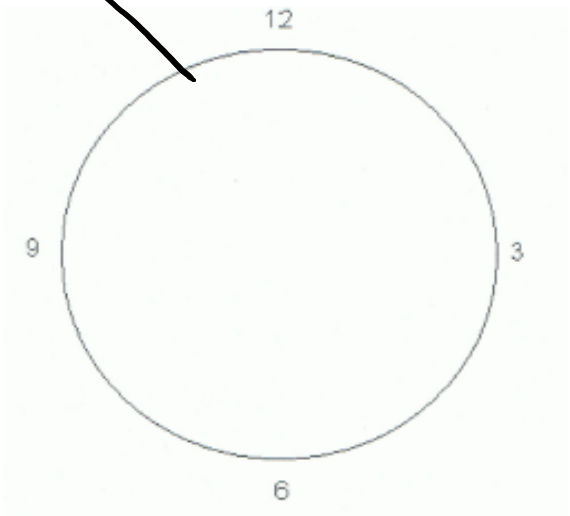
*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.

Holmes
N
Plymouth

12" Concrete



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB-230

Location
- ☐ Easement / Cross Country
- ☐ Road: Twin Lakes Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:

Condition of Pavement
- ☑ Good
- ☐ Damaged:_____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☑ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

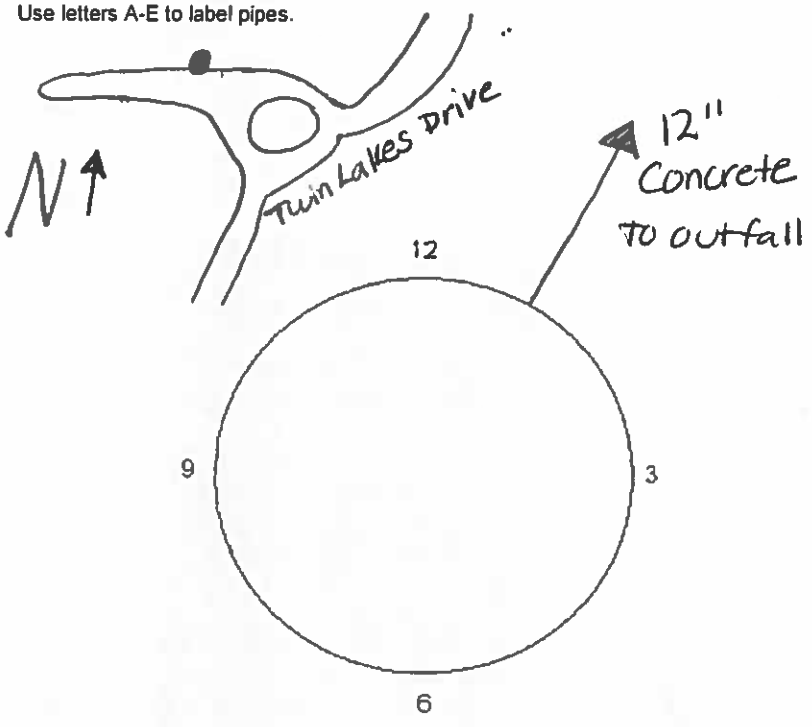
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB-231

Location
- ☐ Easement / Cross Country
- ☐ Road: Twin Lakes Drive
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐ Leaching Basin

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size: _____

Type
- ☐ rectangular
- ☑ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☑ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☑ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe B

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe C

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe D

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ Pipe E

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

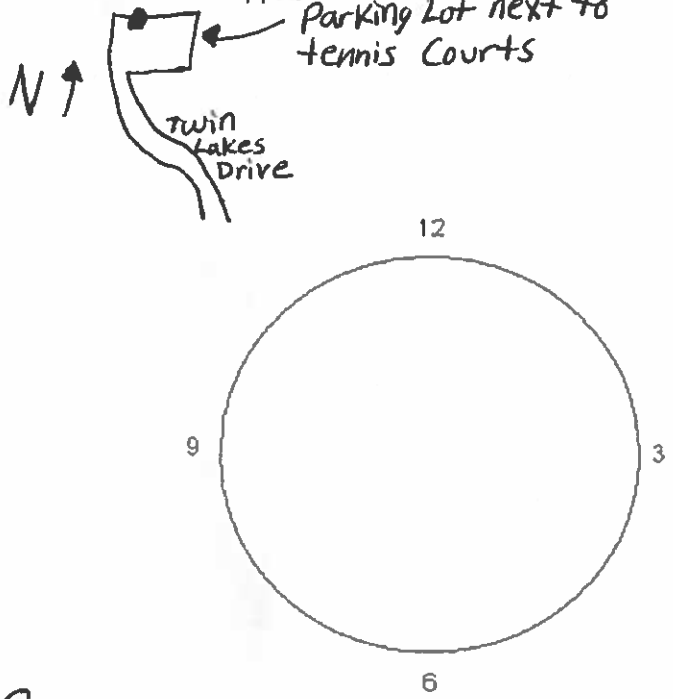
Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

Leaching Basin

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Sump seems to be full of sediment.

Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #:

Time: _____ **Date:** 10/4/16

CB ID# CB-232

Location
- ☐ Easement / Cross Country
- ☐ Road: Twin Lakes Drive
- ☐ CB Buried
- ☐ other_____

Type of CB
- ☐ Block
- ☑ Precast
- ☐ Other
- ☐

Condition of Structure
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size:_____

Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth:_____

%debris in SU:_____

Condition of Pavement
- ☐ Good
- ☐ Damaged:_____
- ☑ Cracked
- ☐ Other: _____

Odor
- ☑ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe B**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☑ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe C**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe D**

Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

☐ **Pipe E**

Invert Depth From Top of Rim:

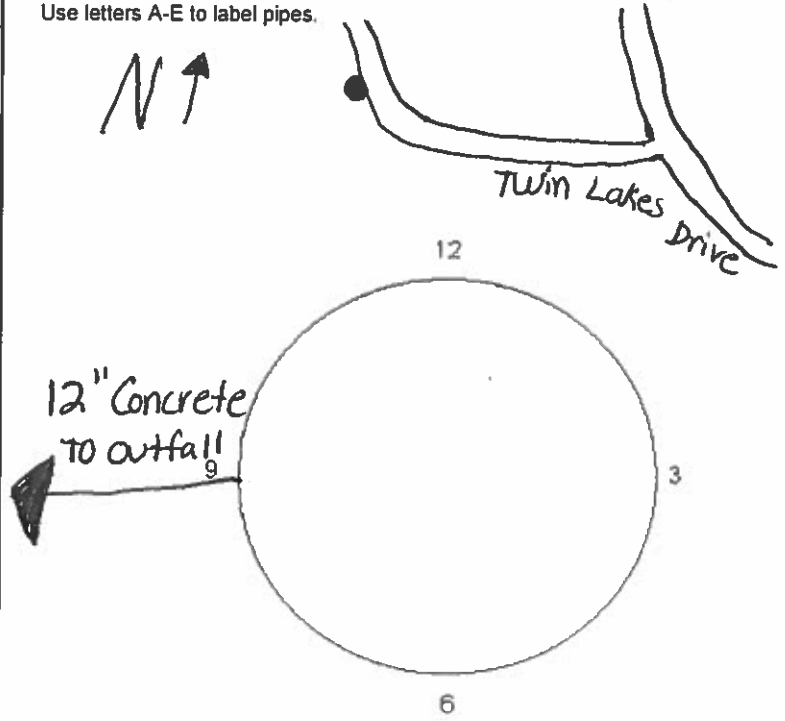
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

*Size:*_____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder: C. Curtin

Asset #: Weather: Time: _____ Date: 11/3/16

CB ID# CB-234

Location
- ☐ Easement / Cross Country
- ☐ Road: Richview Avenue
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☑ Block
- ☐ Precast
- ☐ Other
- ☐ _____

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: OK

Frame/Grate
Size: _____
Type
- ☑ rectangular
- ☐ round

Frame/Grate Condition
- ☑ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____
%debris in SU: _____

Condition of Pavement
- ☑ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ **Pipe A** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe B** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe C** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe D** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

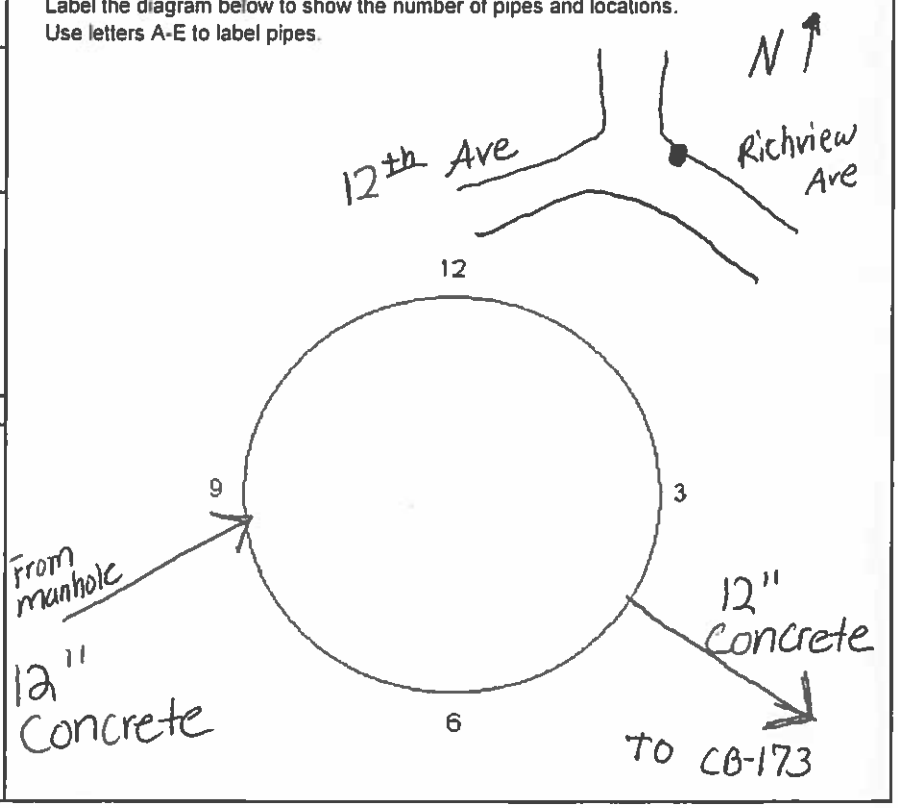
Size: _____

☐ **Pipe E** Invert Depth From Top of Rim:
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:
Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Weather:** **Time:** _____ **Date:** 11/3/16

CB ID# CB-235

Location
- ☐ Easement / Cross Country
- ☐ Road: Plymouth Street
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size: _____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ **Pipe A** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe B** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe C** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe D** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe E** Invert Depth From Top of Rim:

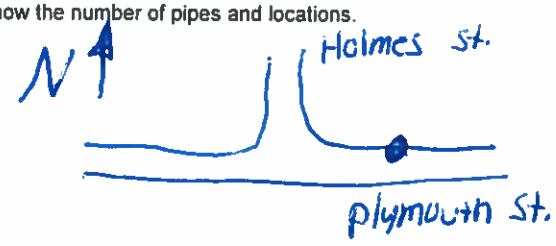
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

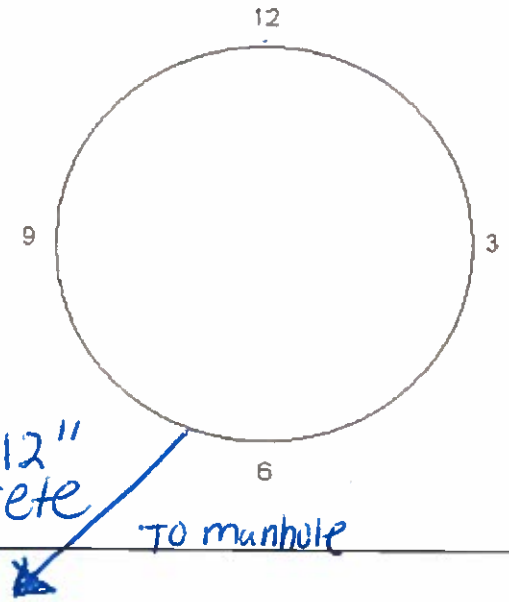
Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

DIRECTIONS:

Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.





Catch Basin Cleaning Form

Halifax, MA

Recorder:

Asset #: **Weather:** **Time:** _____ **Date:** 11/3/16

CB ID# CB-236

Location
- ☐ Easement / Cross Country
- ☐ Road: Plymouth Street
- ☐ CB Buried
- ☐ other _____

Type of CB
- ☐ Block
- ☐ Precast
- ☐ Other
- ☐

Condition of Structure
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Frame/Grate

Size: _____

Type
- ☐ rectangular
- ☐ round

Frame/Grate Condition
- ☐ Good
- ☐ Damaged
- ☐ Cracked
- ☐ Other: _____

Sump Depth: _____

%debris in SU:

Condition of Pavement
- ☐ Good
- ☐ Damaged: _____
- ☐ Cracked
- ☐ Other: _____

Odor
- ☐ None
- ☐ Sewer
- ☐ Petrolium (oil, gas, hazardous material)
- ☐ Paint
- ☐ household solutions
- ☐ Other: _____

# of Pipes

☐ **Pipe A** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ HDPE
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe B** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe C** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe D** Invert Depth From Top of Rim:

Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

Size: _____

☐ **Pipe E** Invert Depth From Top of Rim:

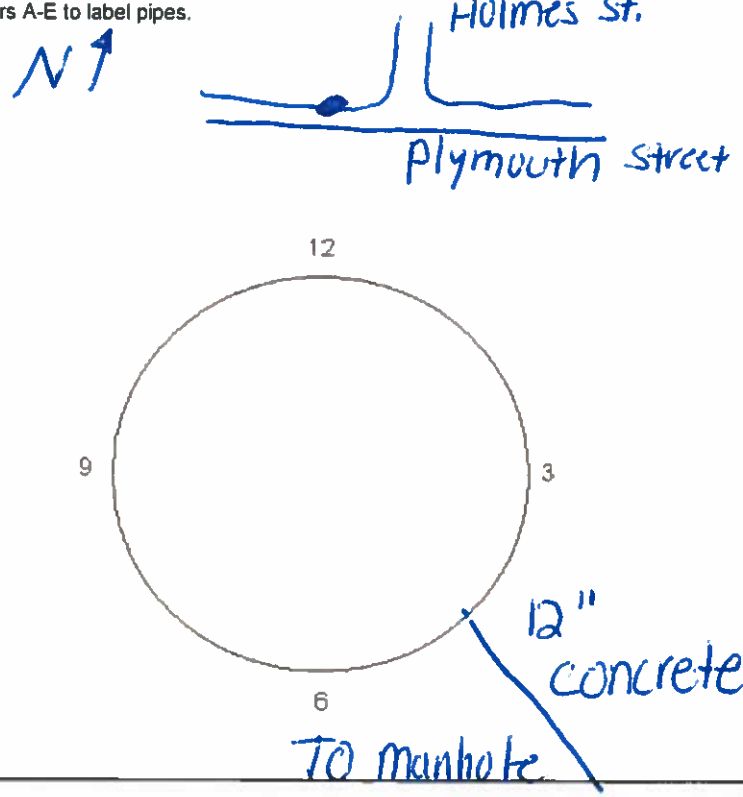
Material
- ☐ PVC
- ☐ Clay (VC/TC)
- ☐ Steel / Iron
- ☐ Concrete
- ☐ Other _____

Drop Pipe
- ☐ Inside
- ☐ Outside

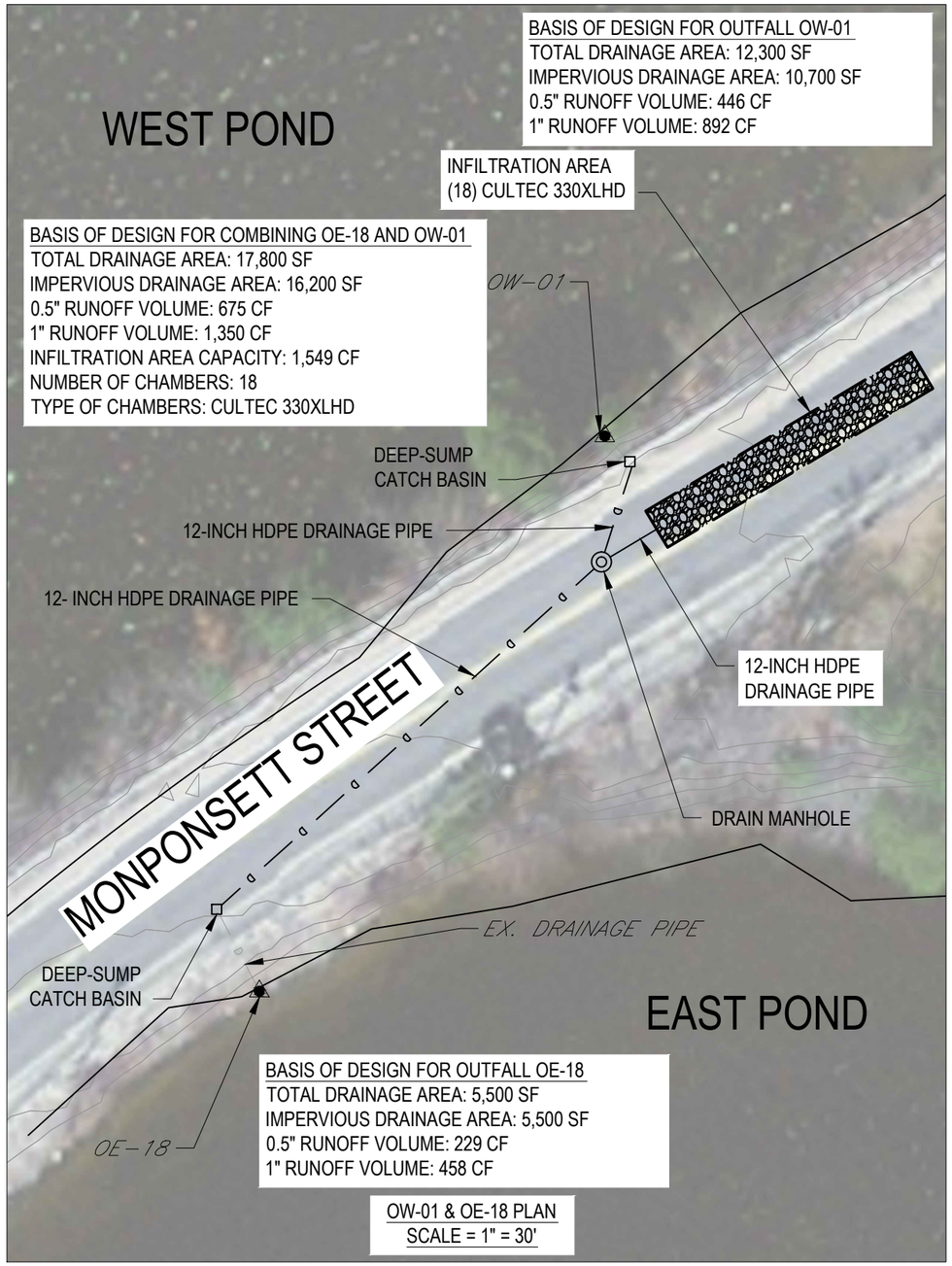
Size: _____

DIRECTIONS:

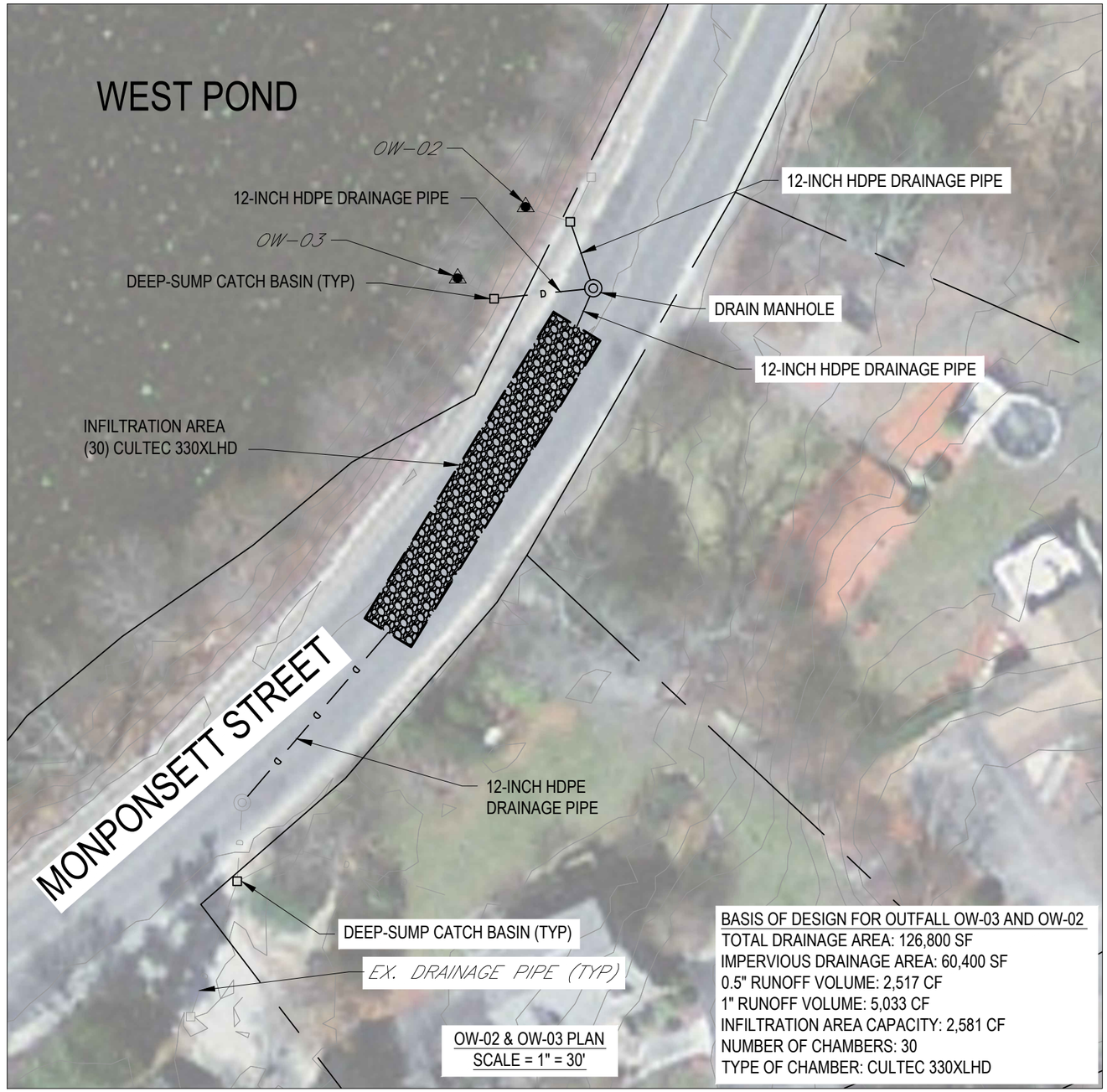
Label the diagram below to show the number of pipes and locations.
Use letters A-E to label pipes.



5.
Conceptual Designs



OW-01 & OE-18 PLAN
SCALE = 1" = 30'



OW-02 & OW-03 PLAN
SCALE = 1" = 30'

N

0 15 30 45 60'

SCALE 1"=30' AT ORIGINAL SIZE

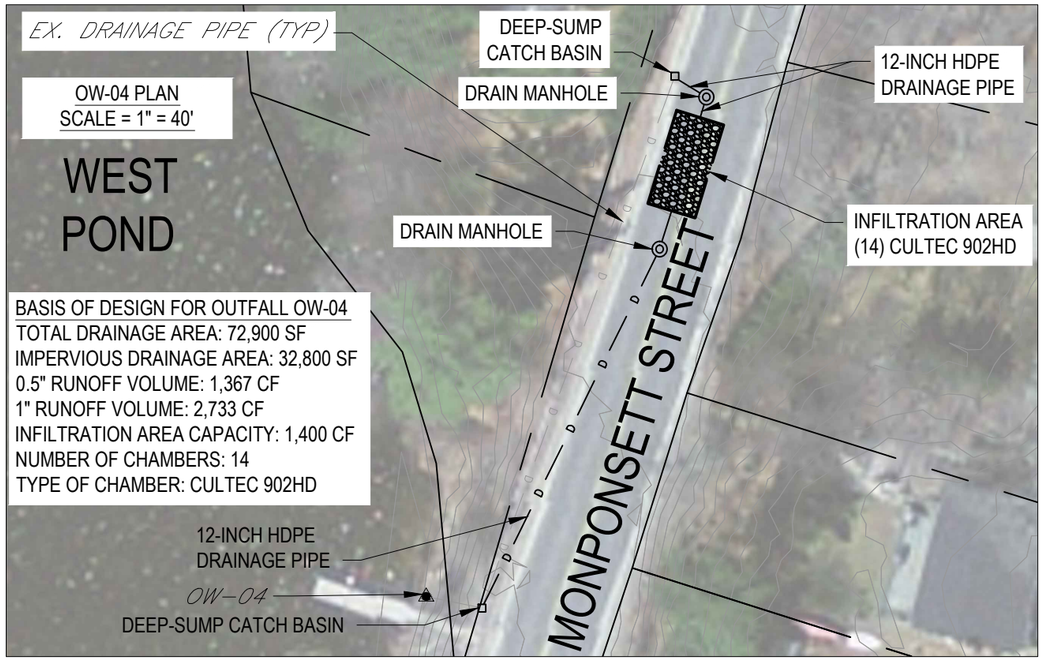
TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OW-01 □ OE-18 □ OW-02 □ OW-03
CONCEPTUAL DESIGN PLANS

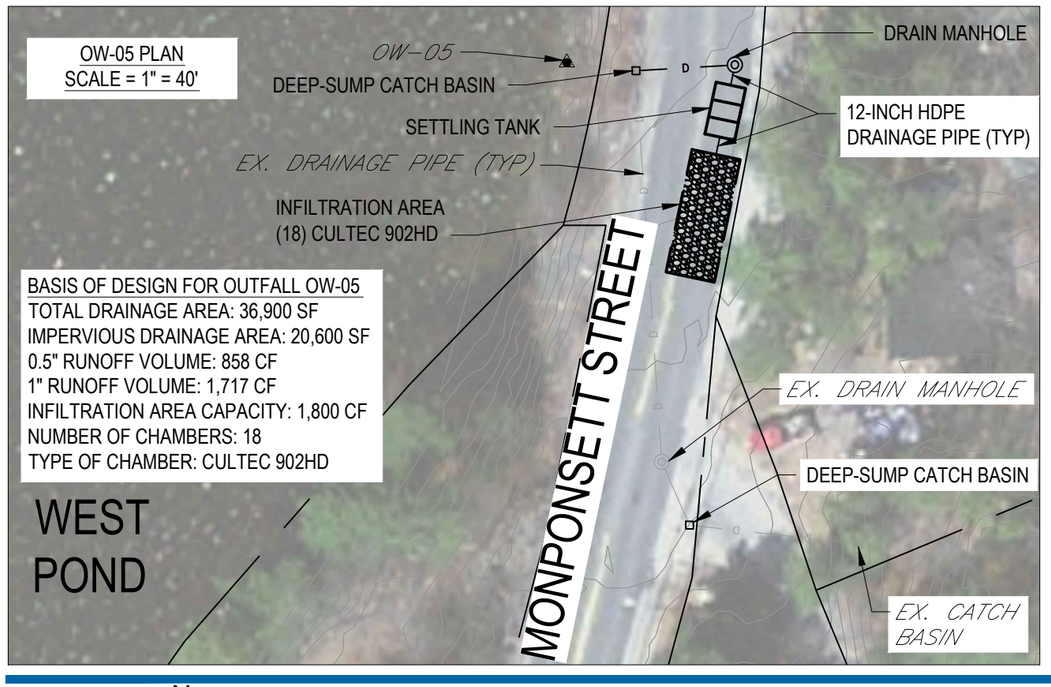
Job Number 111-10997
Revision
Date

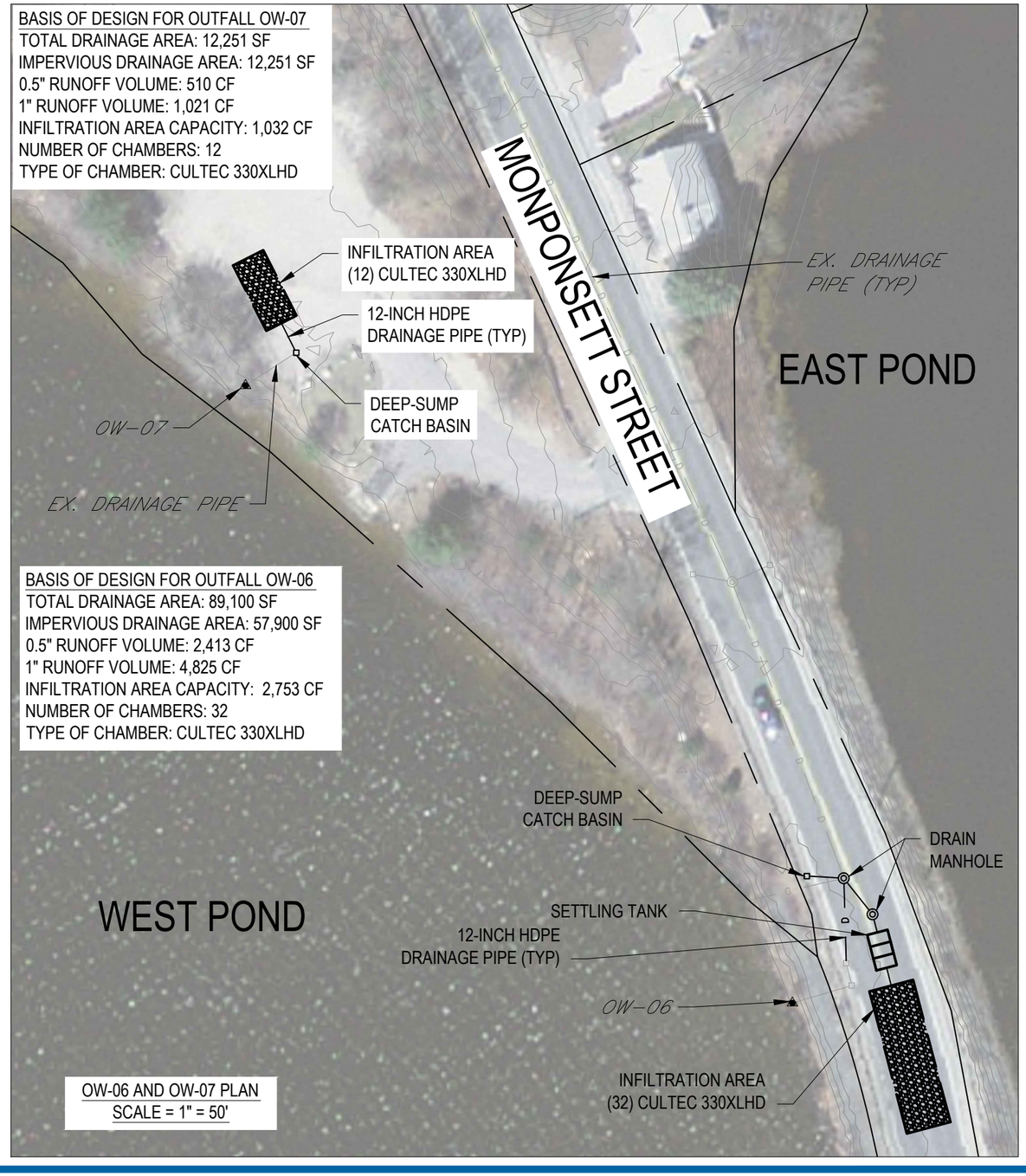
Figure 01

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:39 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg







N

0 20 40 60 80'
SCALE 1"=40' AT ORIGINAL SIZE

0 25 50 75 100'
SCALE 1"=50' AT ORIGINAL SIZE

GHD

TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS

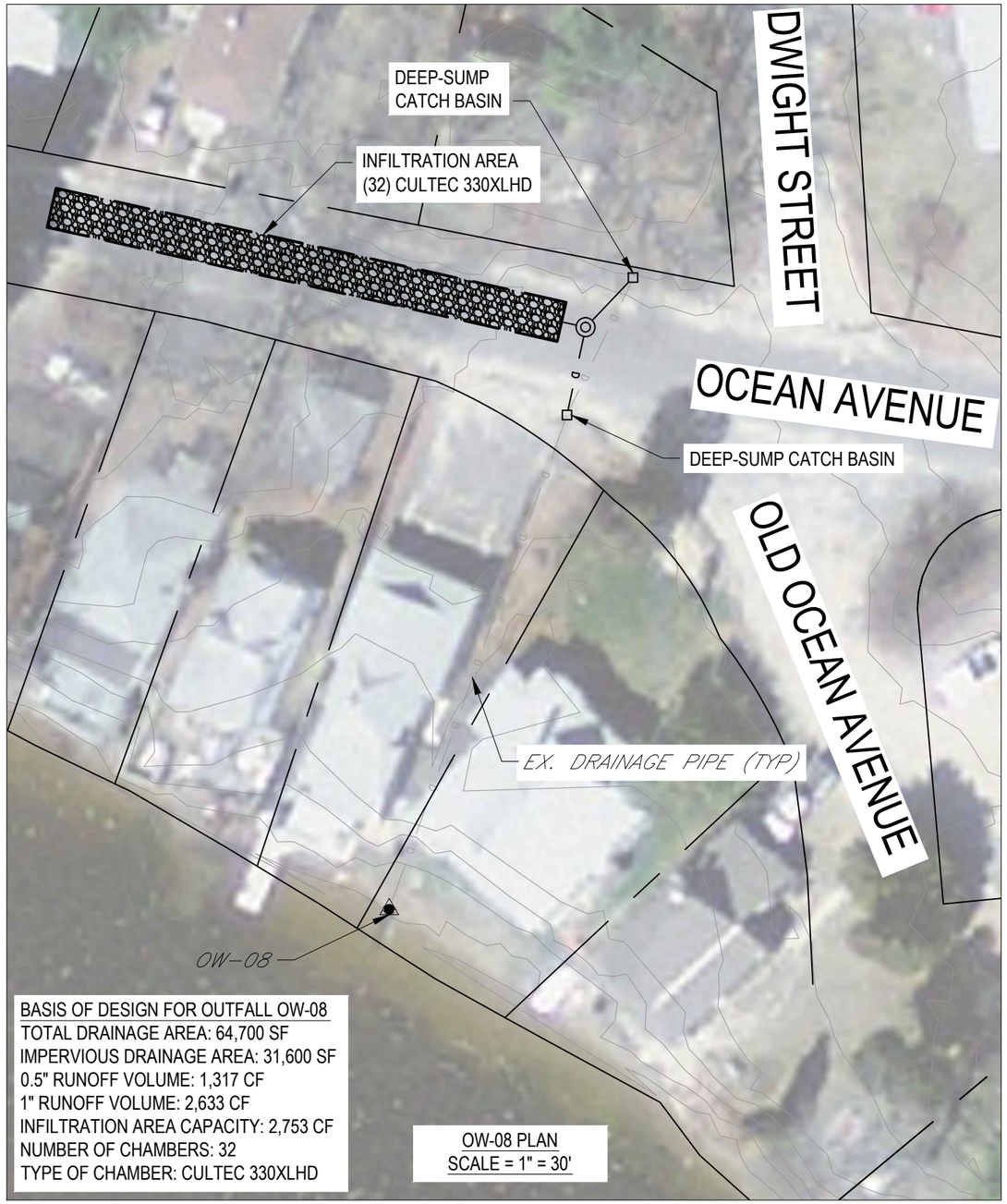
OW-04, OW-05, OW-06, AND OW-07 CONCEPTUAL DESIGN PLANS

Job Number 111-10997
Revision
Date

Figure 02

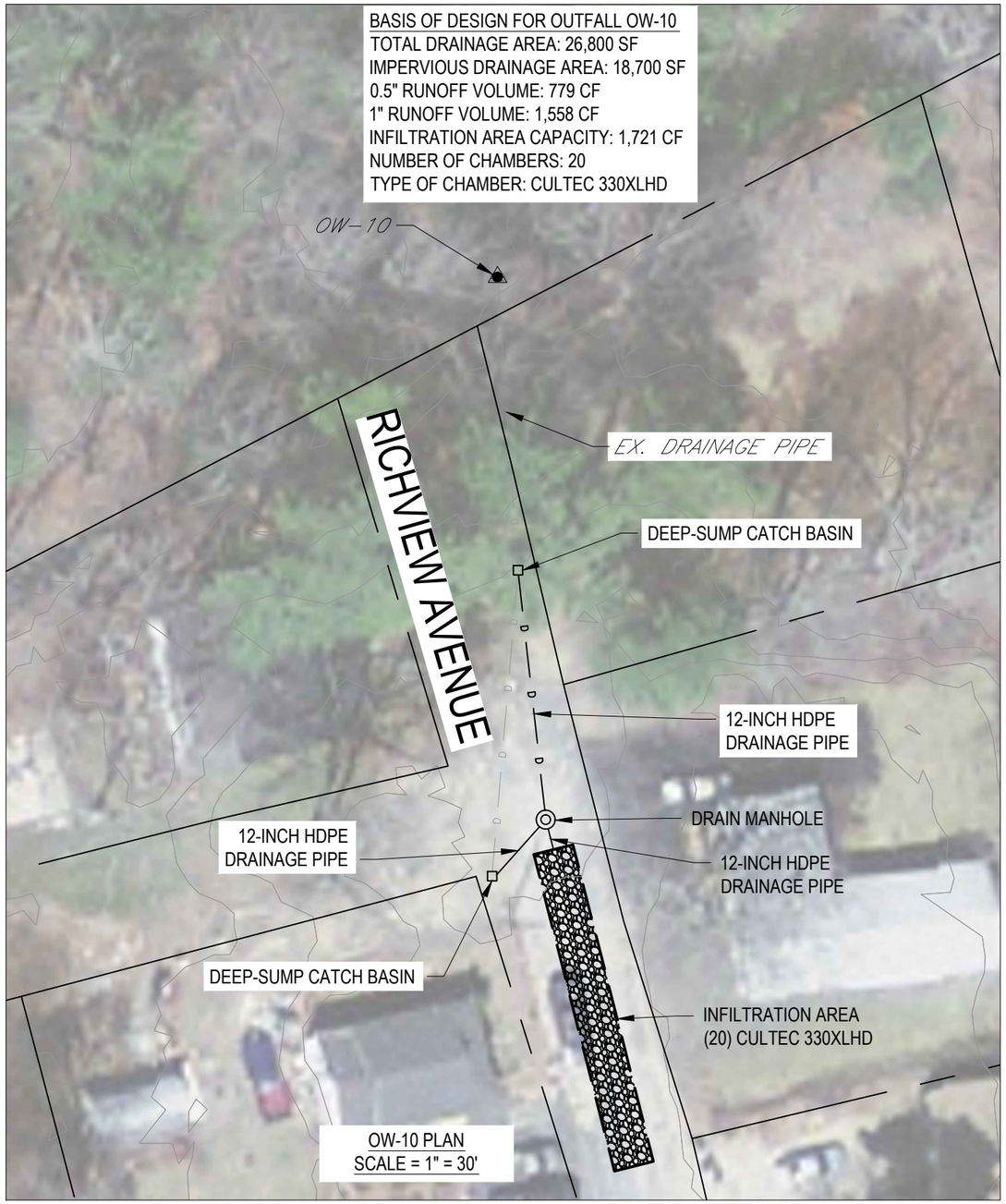
1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:39 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg



BASIS OF DESIGN FOR OUTFALL OW-08
TOTAL DRAINAGE AREA: 64,700 SF
IMPERVIOUS DRAINAGE AREA: 31,600 SF
0.5" RUNOFF VOLUME: 1,317 CF
1" RUNOFF VOLUME: 2,633 CF
INFILTRATION AREA CAPACITY: 2,753 CF
NUMBER OF CHAMBERS: 32
TYPE OF CHAMBER: CULTEC 330XLHD

OW-08 PLAN
SCALE = 1" = 30'



BASIS OF DESIGN FOR OUTFALL OW-10
TOTAL DRAINAGE AREA: 26,800 SF
IMPERVIOUS DRAINAGE AREA: 18,700 SF
0.5" RUNOFF VOLUME: 779 CF
1" RUNOFF VOLUME: 1,558 CF
INFILTRATION AREA CAPACITY: 1,721 CF
NUMBER OF CHAMBERS: 20
TYPE OF CHAMBER: CULTEC 330XLHD

OW-10 PLAN
SCALE = 1" = 30'

N

0 15 30 45 60'
SCALE 1"=30' AT ORIGINAL SIZE

TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OW-08 AND OW-10
CONCEPTUAL DESIGN PLANS

Job Number 111-10997
Revision
Date

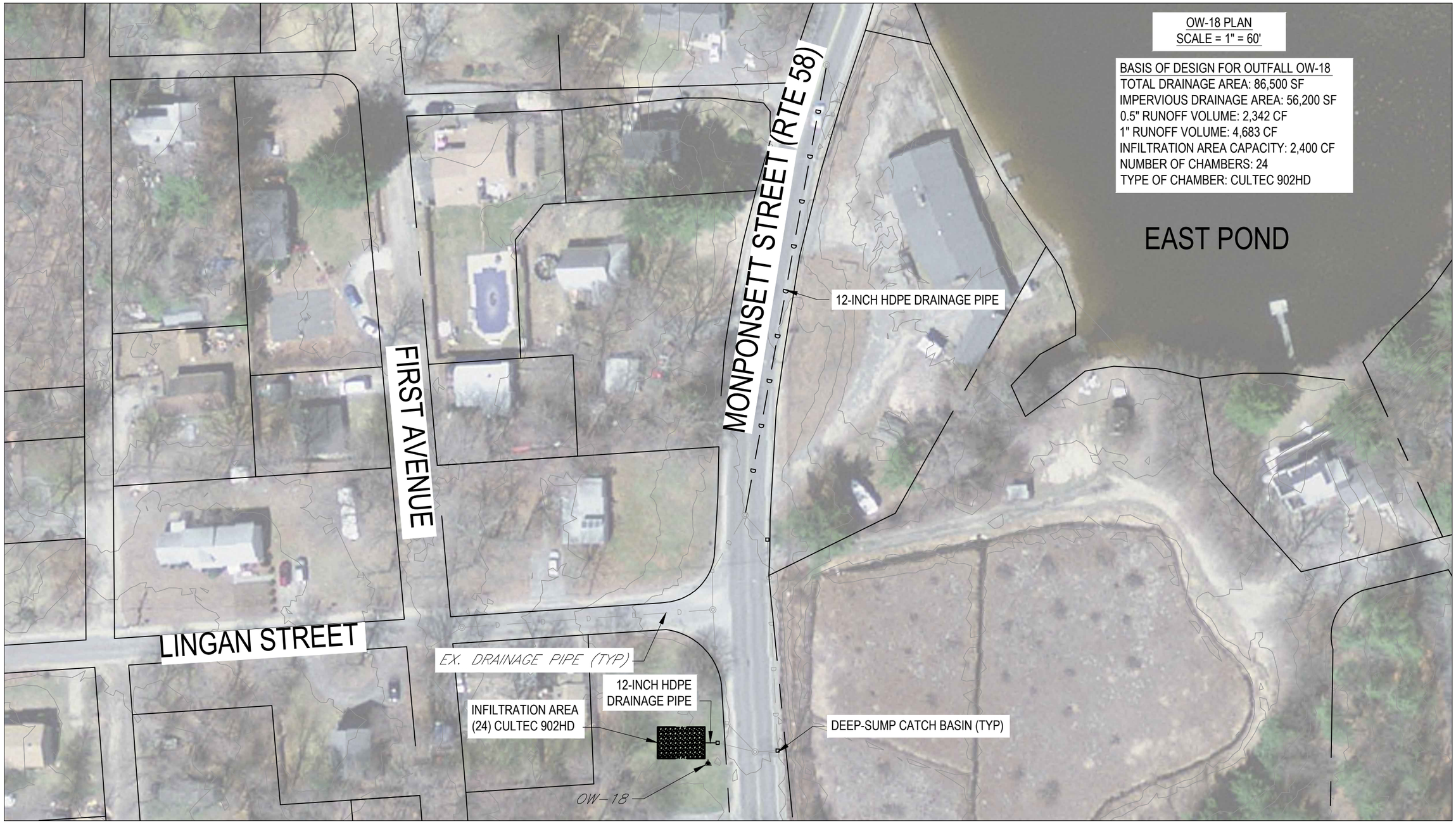
Figure 03

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:39 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg

OW-18 PLAN
SCALE = 1" = 60'

BASIS OF DESIGN FOR OUTFALL OW-18
TOTAL DRAINAGE AREA: 86,500 SF
IMPERVIOUS DRAINAGE AREA: 56,200 SF
0.5" RUNOFF VOLUME: 2,342 CF
1" RUNOFF VOLUME: 4,683 CF
INFILTRATION AREA CAPACITY: 2,400 CF
NUMBER OF CHAMBERS: 24
TYPE OF CHAMBER: CULTEC 902HD



N

0 30 60 90 120'
SCALE 1"=60' AT ORIGINAL SIZE

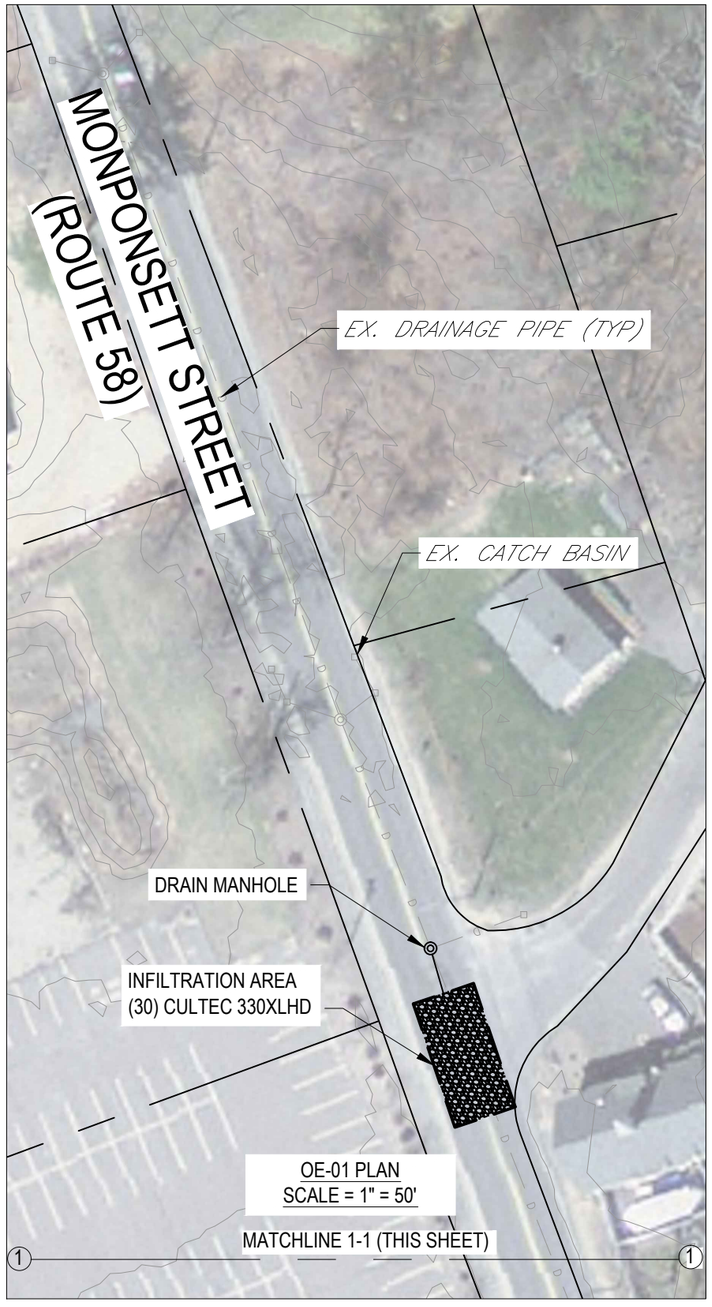
TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OW-18
CONCEPTUAL DESIGN PLAN

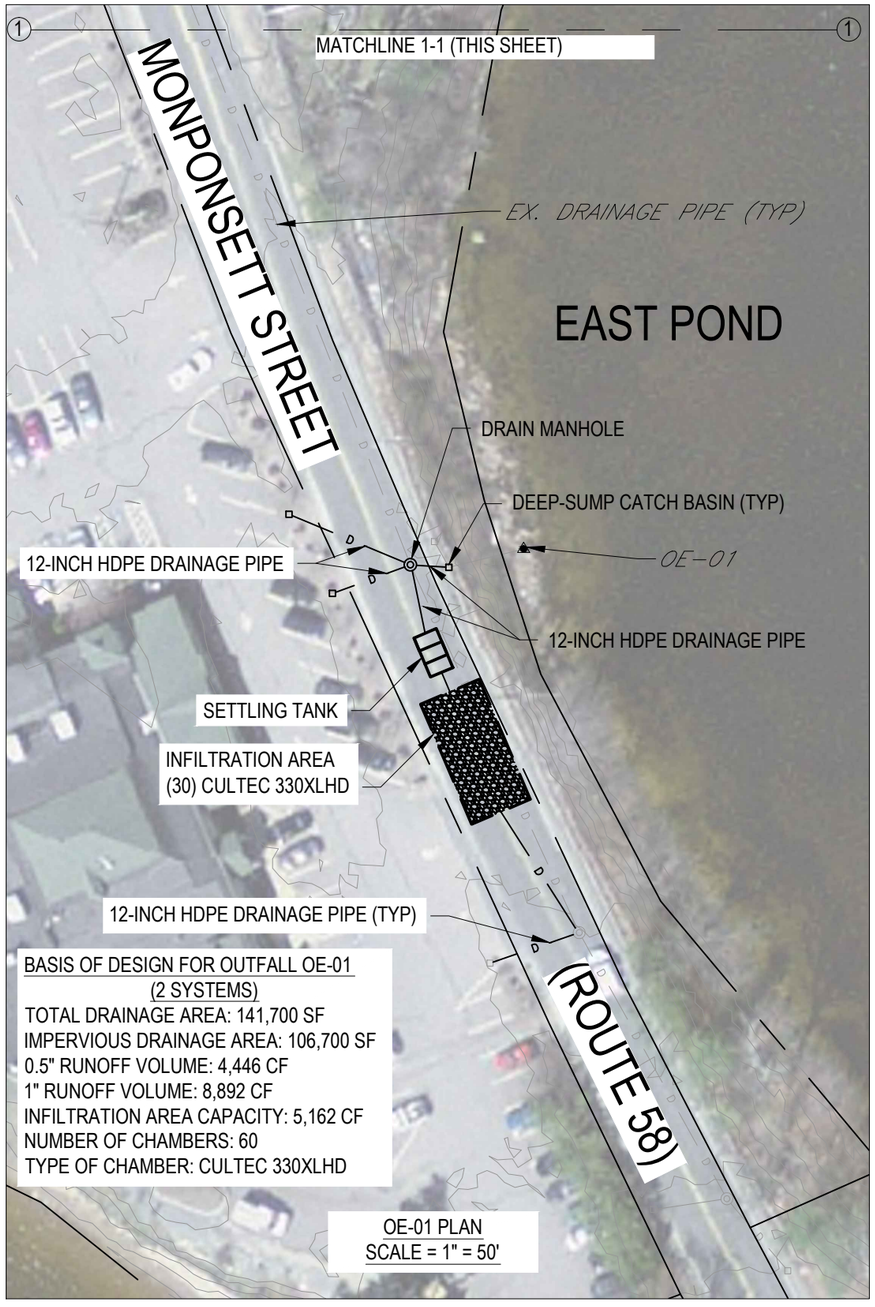
Job Number 111-10997
Revision
Date

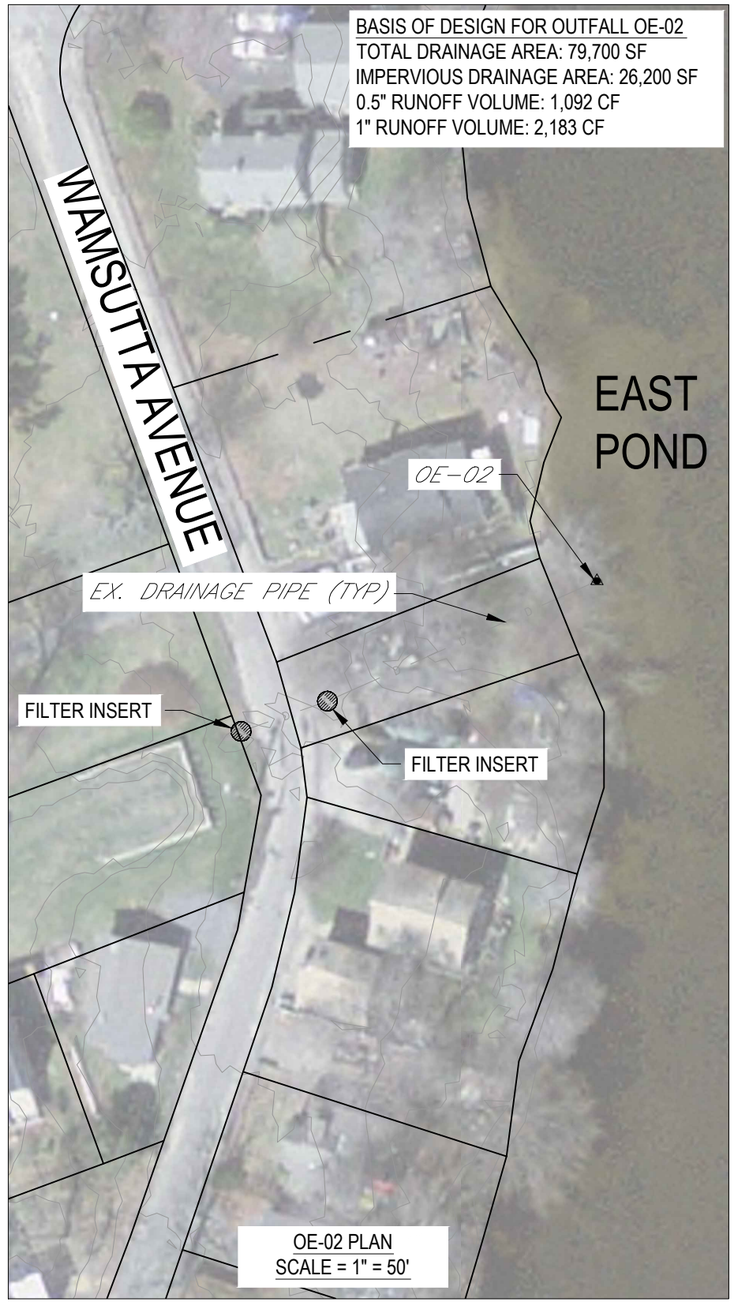
Figure 04

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:39 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg







N

0 25 50 75 100'

SCALE 1"=50' AT ORIGINAL SIZE

TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS

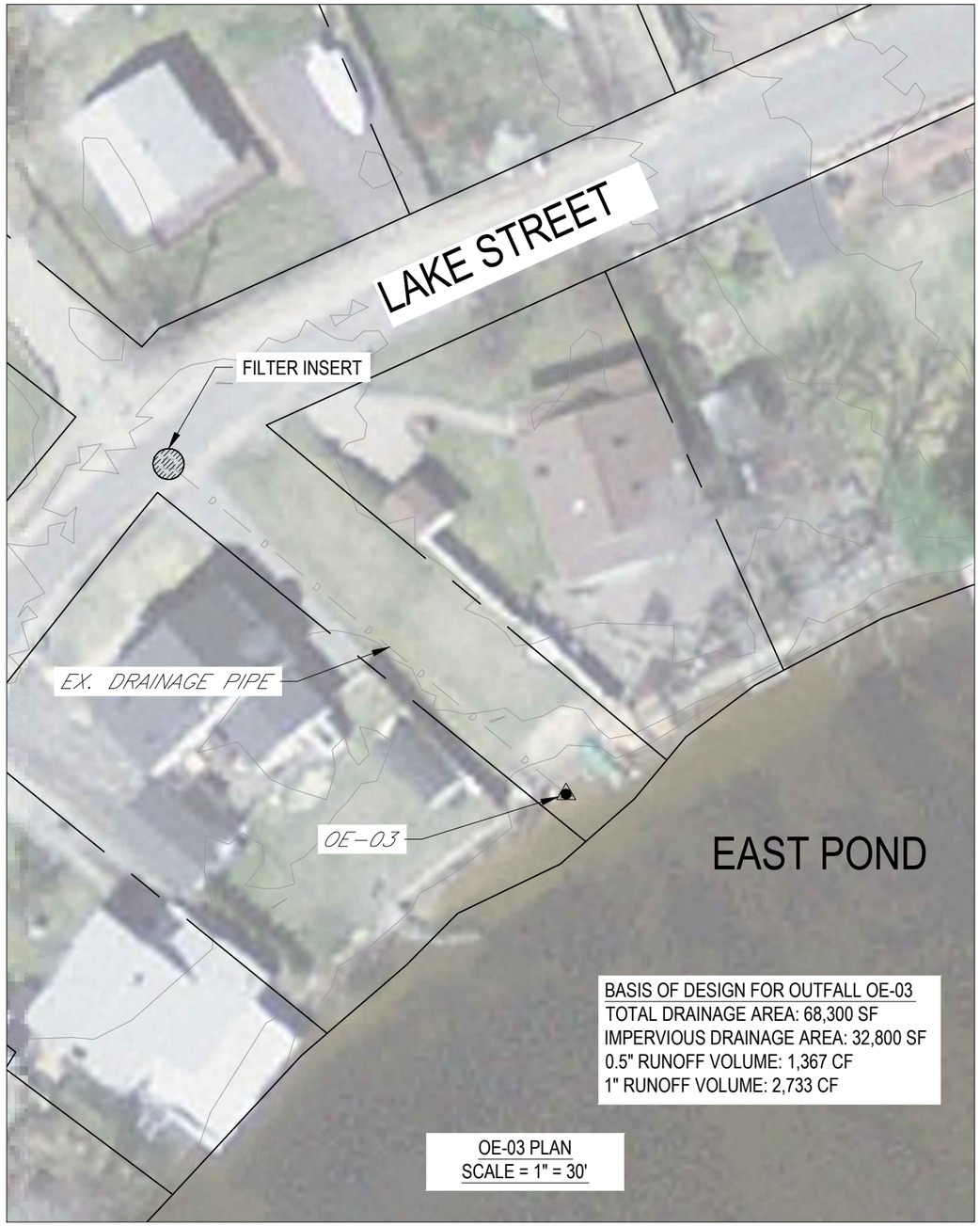
OE-01 AND OE-02 CONCEPTUAL DESIGN PLANS

Job Number 111-10997
Revision
Date

Figure 05

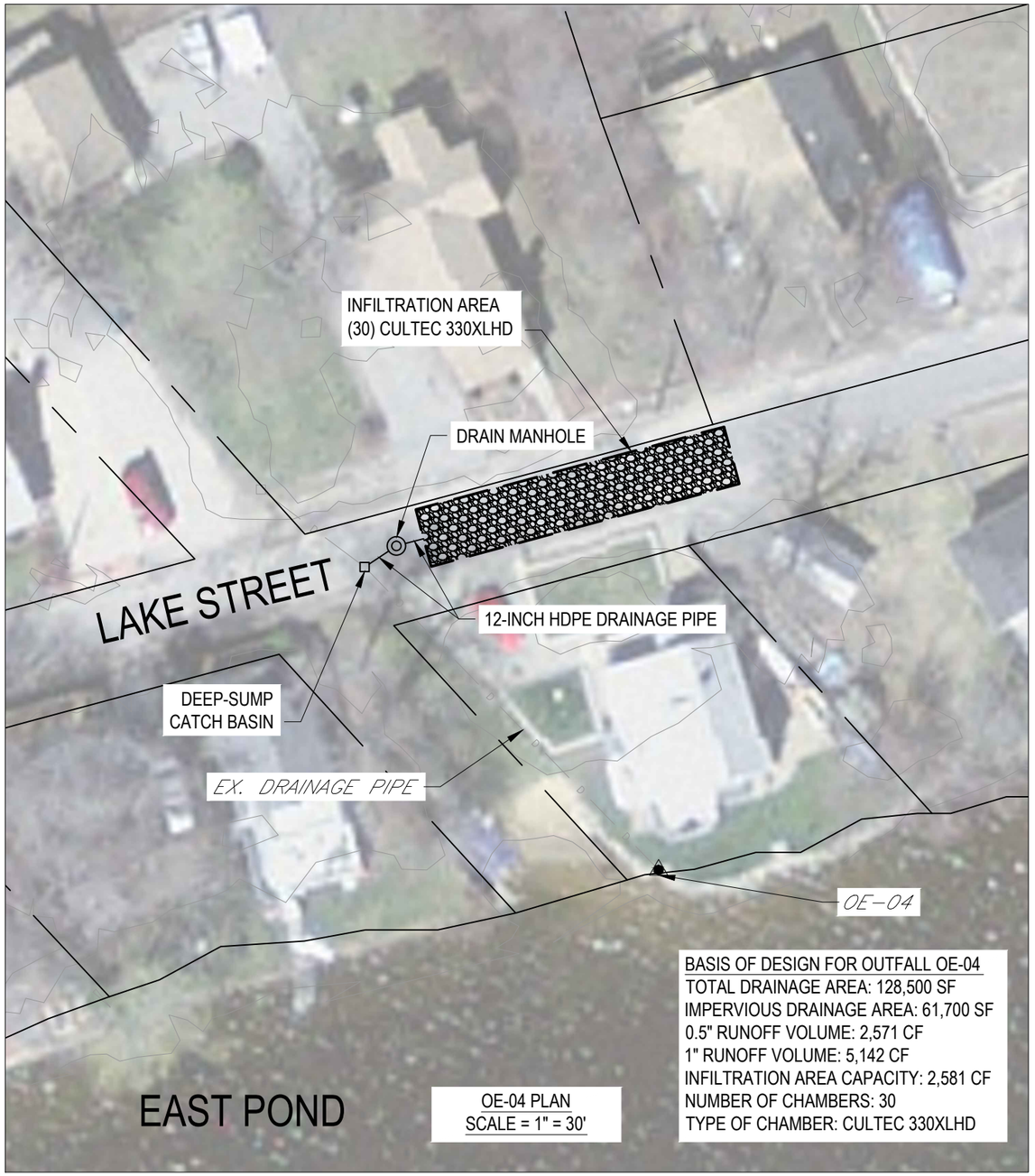
1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:39 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg



BASIS OF DESIGN FOR OUTFALL OE-03
TOTAL DRAINAGE AREA: 68,300 SF
IMPERVIOUS DRAINAGE AREA: 32,800 SF
0.5" RUNOFF VOLUME: 1,367 CF
1" RUNOFF VOLUME: 2,733 CF

OE-03 PLAN
SCALE = 1" = 30'



BASIS OF DESIGN FOR OUTFALL OE-04
TOTAL DRAINAGE AREA: 128,500 SF
IMPERVIOUS DRAINAGE AREA: 61,700 SF
0.5" RUNOFF VOLUME: 2,571 CF
1" RUNOFF VOLUME: 5,142 CF
INFILTRATION AREA CAPACITY: 2,581 CF
NUMBER OF CHAMBERS: 30
TYPE OF CHAMBER: CULTEC 330XLHD

OE-04 PLAN
SCALE = 1" = 30'

N

0 15 30 45 60'

SCALE 1"=30' AT ORIGINAL SIZE

GHD

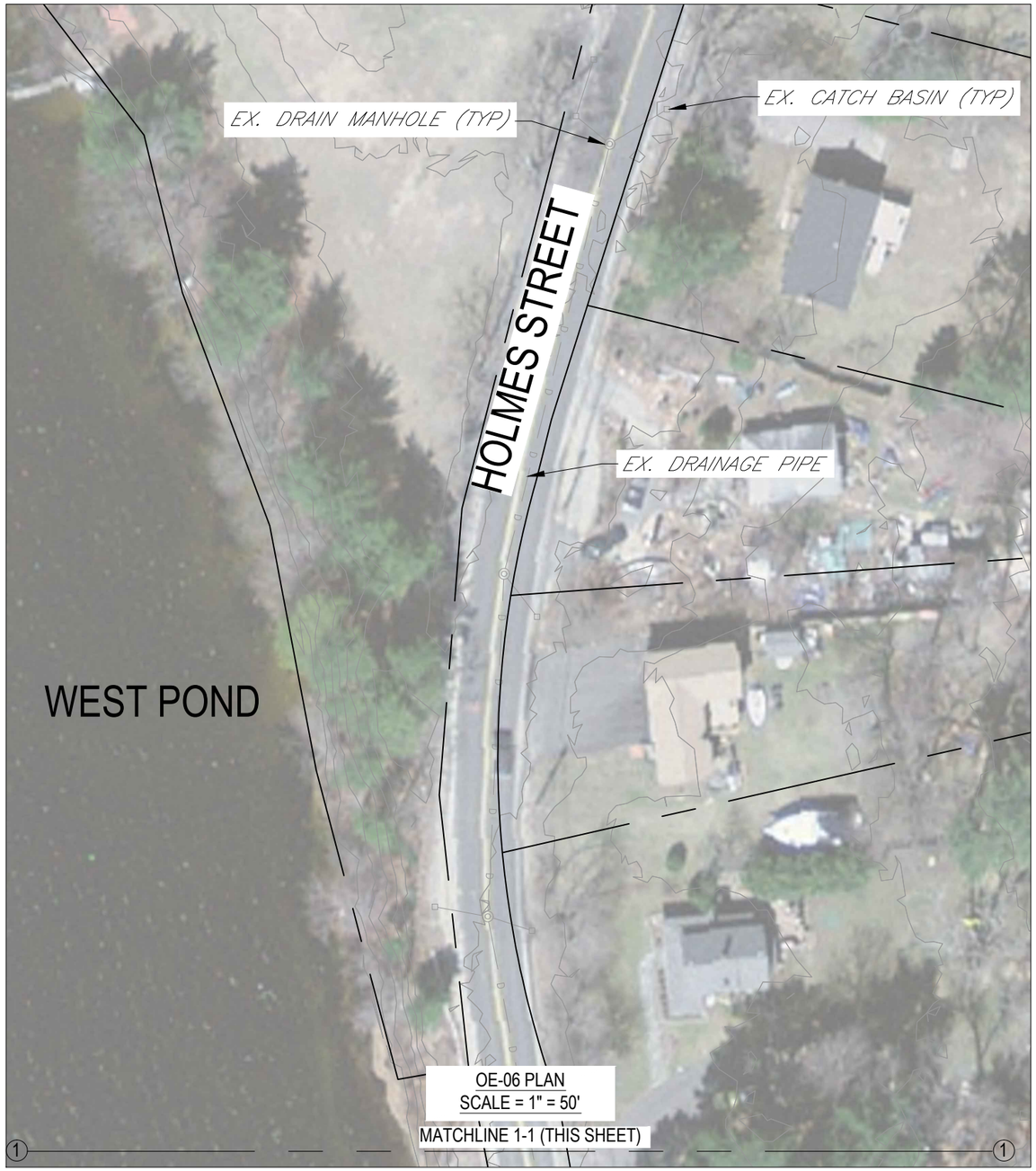
TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OE-03 AND OE-04
CONCEPTUAL DESIGN PLANS

Job Number 111-10997
Revision
Date

Figure 06

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:40 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg



N

0 25 50 75 100'

SCALE 1"=50' AT ORIGINAL SIZE

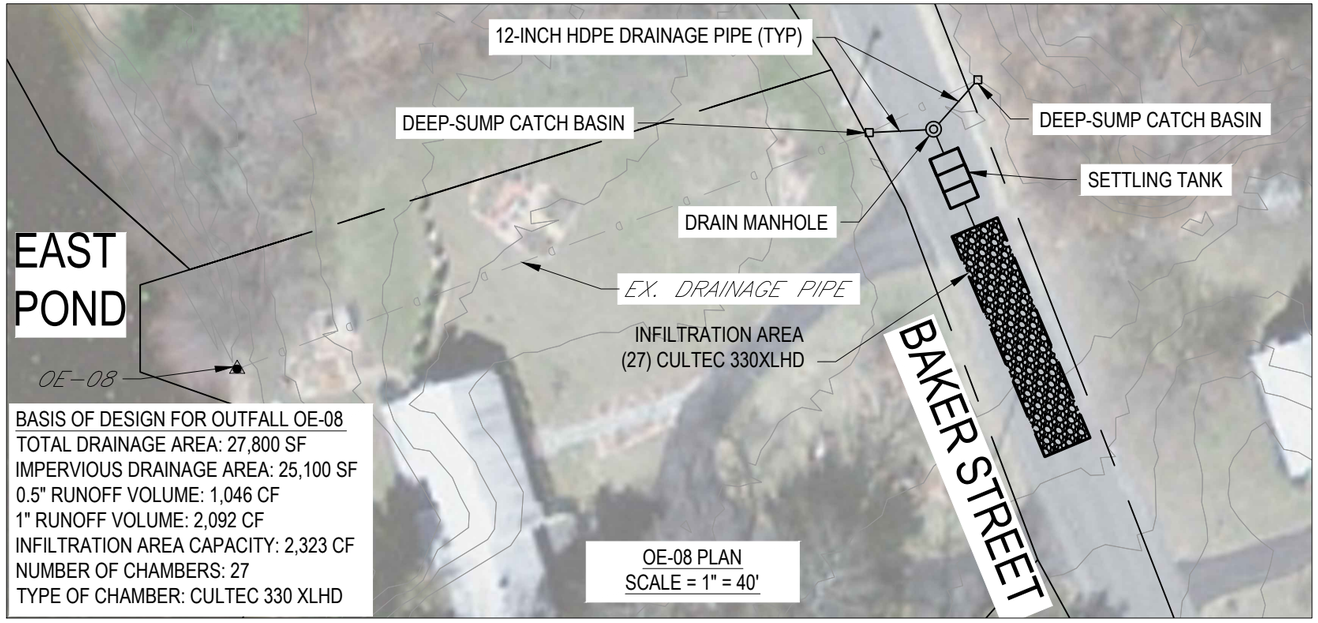
TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OE-6
CONCEPTUAL DESIGN PLAN

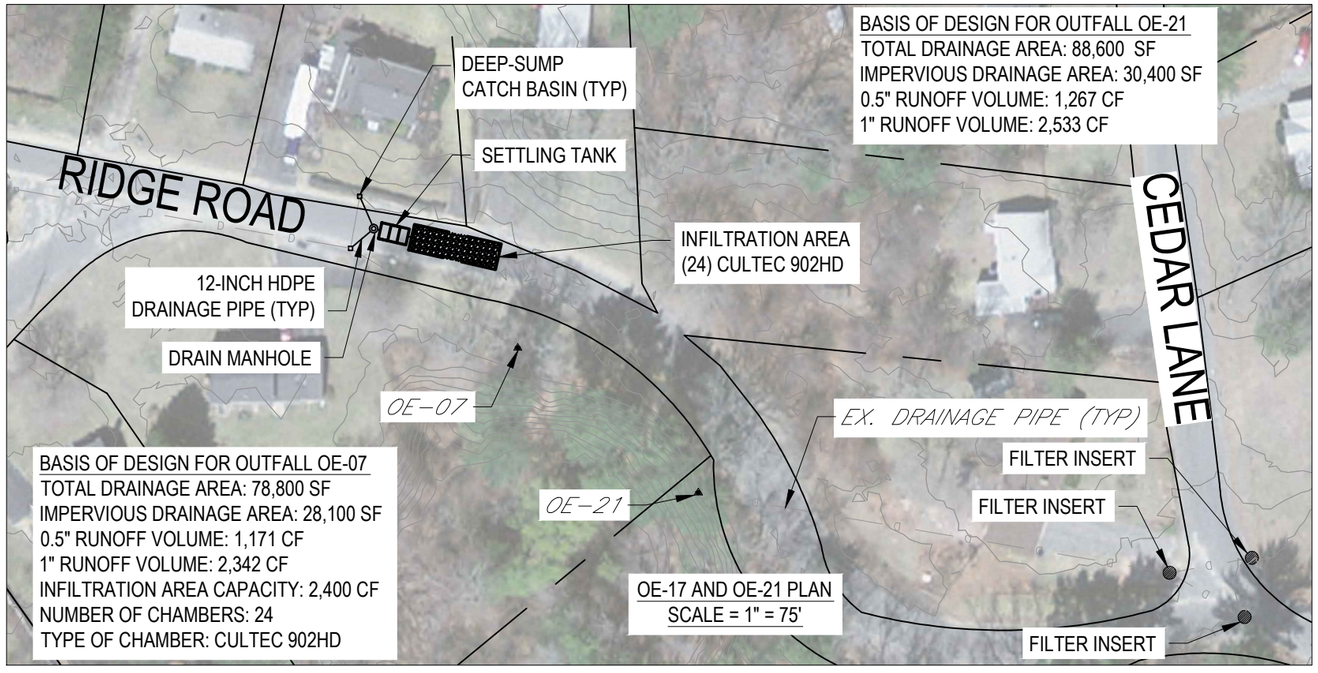
Job Number 111-10997
Revision
Date

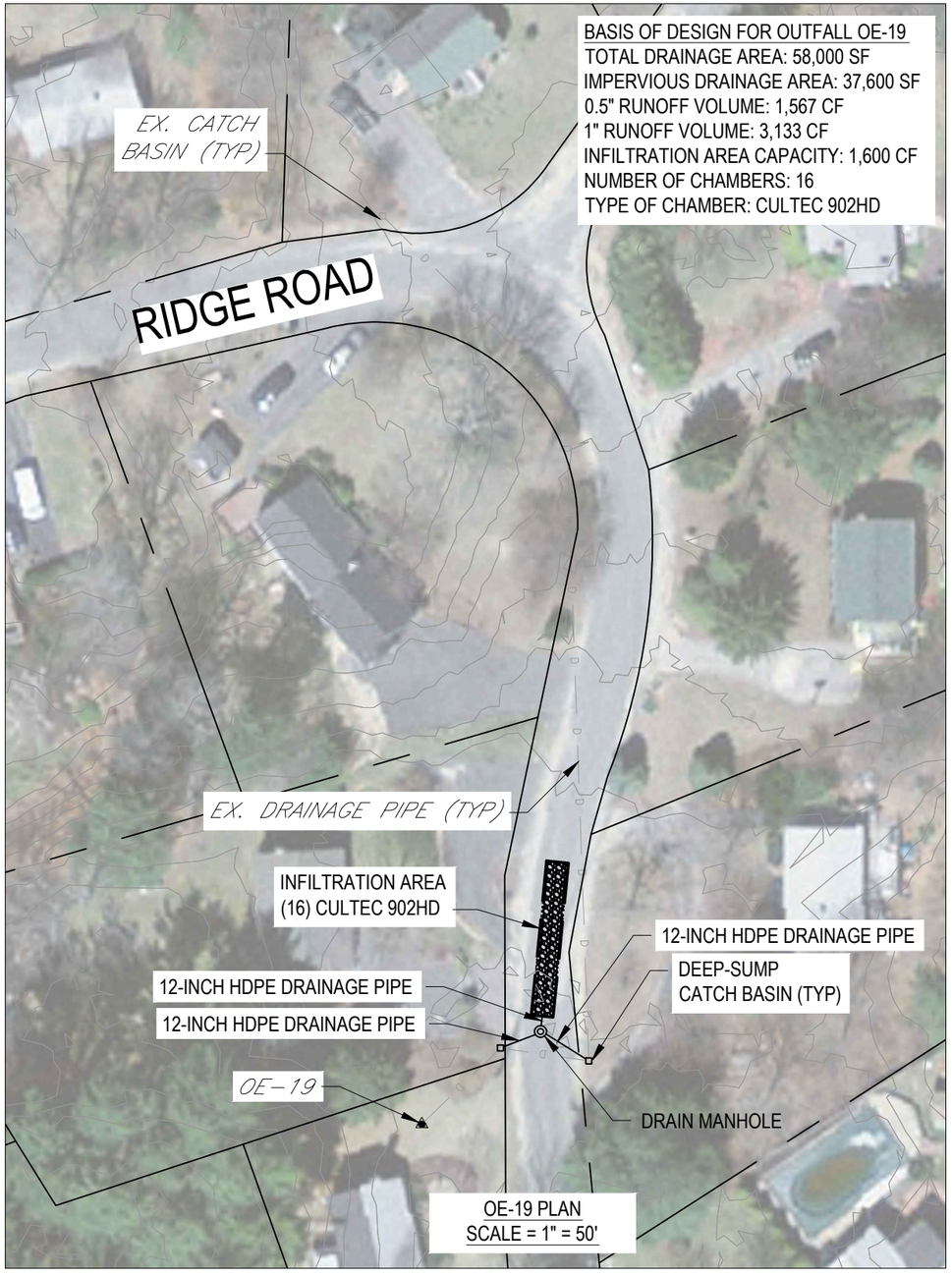
Figure 07

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:40 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg







N

0 20 40 60 80'
SCALE 1"=40' AT ORIGINAL SIZE

0 25 50 75 100'
SCALE 1"=50' AT ORIGINAL SIZE

0 25 50 75 100 125 150'
SCALE 1"=75' AT ORIGINAL SIZE

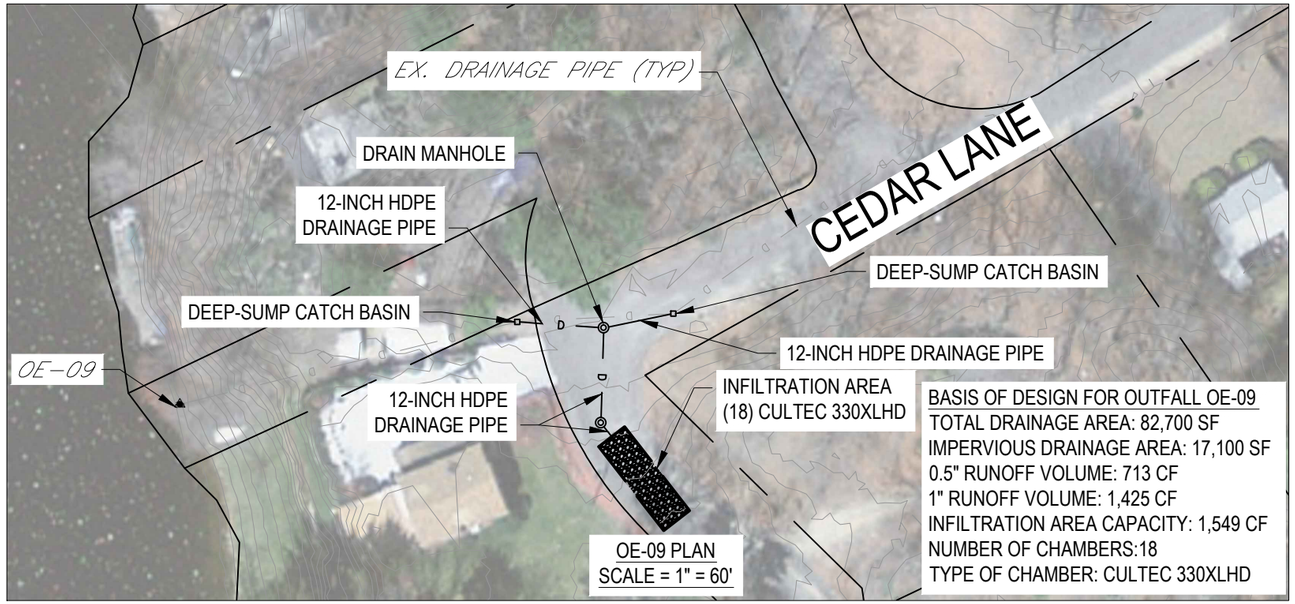
GHD

TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OE-07 □ OE-08 □ OE-19 □ OE-21
CONCEPTUAL DESIGN PLANS

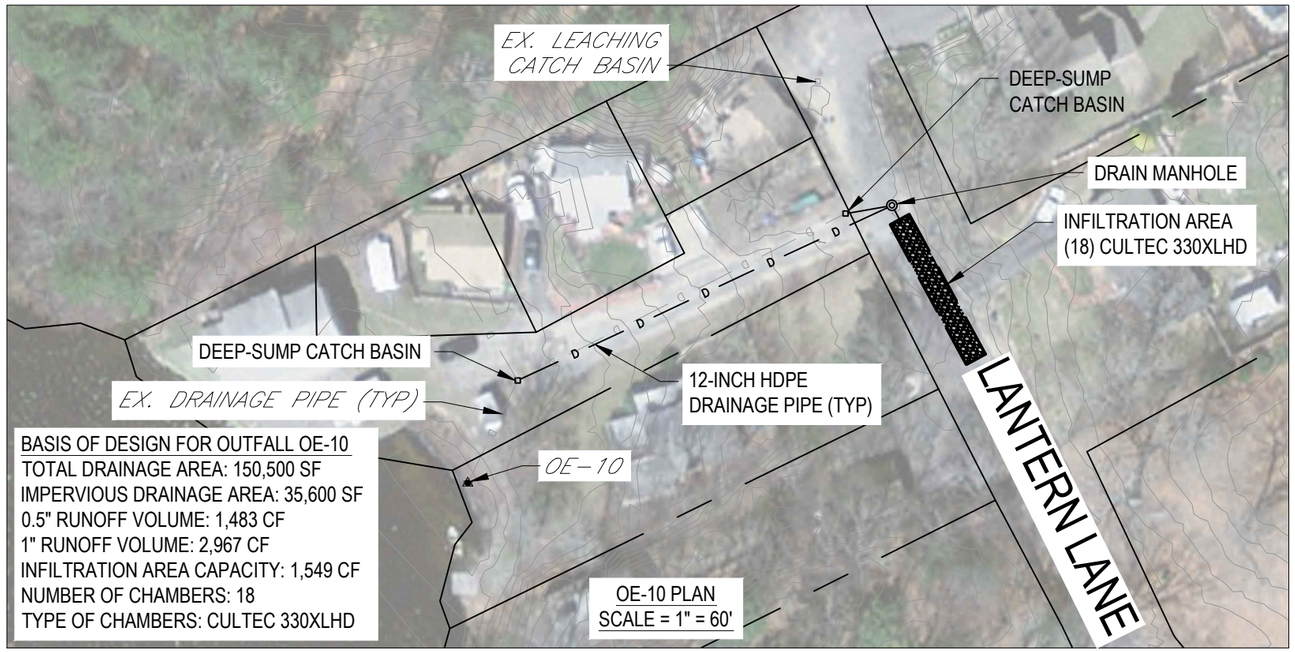
Job Number 111-10997
Revision
Date
Figure 08

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

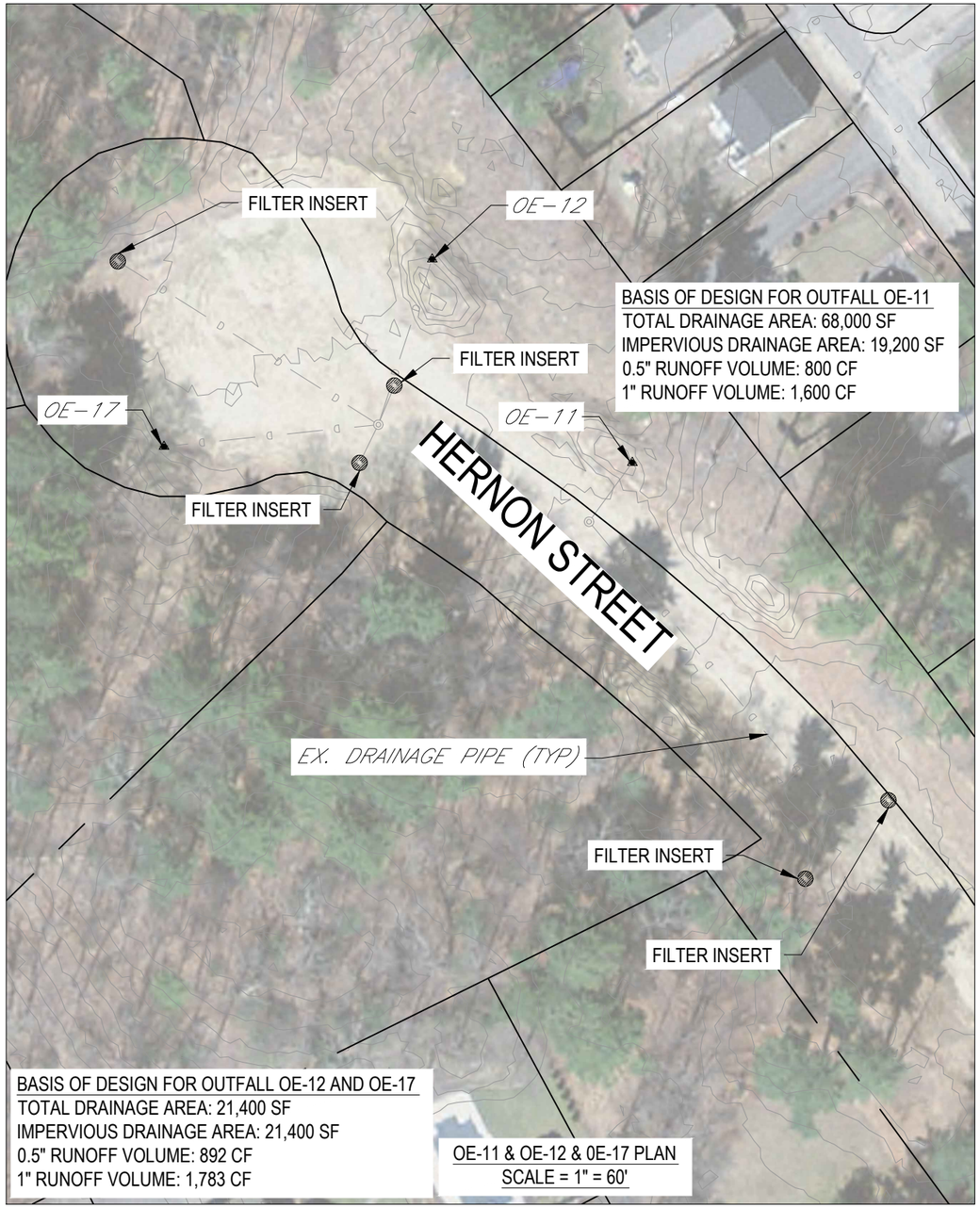
Plot Date: 21 April 2017 - 9:40 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg



BASIS OF DESIGN FOR OUTFALL OE-09
TOTAL DRAINAGE AREA: 82,700 SF
IMPERVIOUS DRAINAGE AREA: 17,100 SF
0.5" RUNOFF VOLUME: 713 CF
1" RUNOFF VOLUME: 1,425 CF
INFILTRATION AREA CAPACITY: 1,549 CF
NUMBER OF CHAMBERS:18
TYPE OF CHAMBER: CULTEC 330XLHD



BASIS OF DESIGN FOR OUTFALL OE-10
TOTAL DRAINAGE AREA: 150,500 SF
IMPERVIOUS DRAINAGE AREA: 35,600 SF
0.5" RUNOFF VOLUME: 1,483 CF
1" RUNOFF VOLUME: 2,967 CF
INFILTRATION AREA CAPACITY: 1,549 CF
NUMBER OF CHAMBERS: 18
TYPE OF CHAMBERS: CULTEC 330XLHD



BASIS OF DESIGN FOR OUTFALL OE-11
TOTAL DRAINAGE AREA: 68,000 SF
IMPERVIOUS DRAINAGE AREA: 19,200 SF
0.5" RUNOFF VOLUME: 800 CF
1" RUNOFF VOLUME: 1,600 CF

BASIS OF DESIGN FOR OUTFALL OE-12 AND OE-17
TOTAL DRAINAGE AREA: 21,400 SF
IMPERVIOUS DRAINAGE AREA: 21,400 SF
0.5" RUNOFF VOLUME: 892 CF
1" RUNOFF VOLUME: 1,783 CF

N

0 30 60 90 120'

SCALE 1"=60' AT ORIGINAL SIZE

GHD

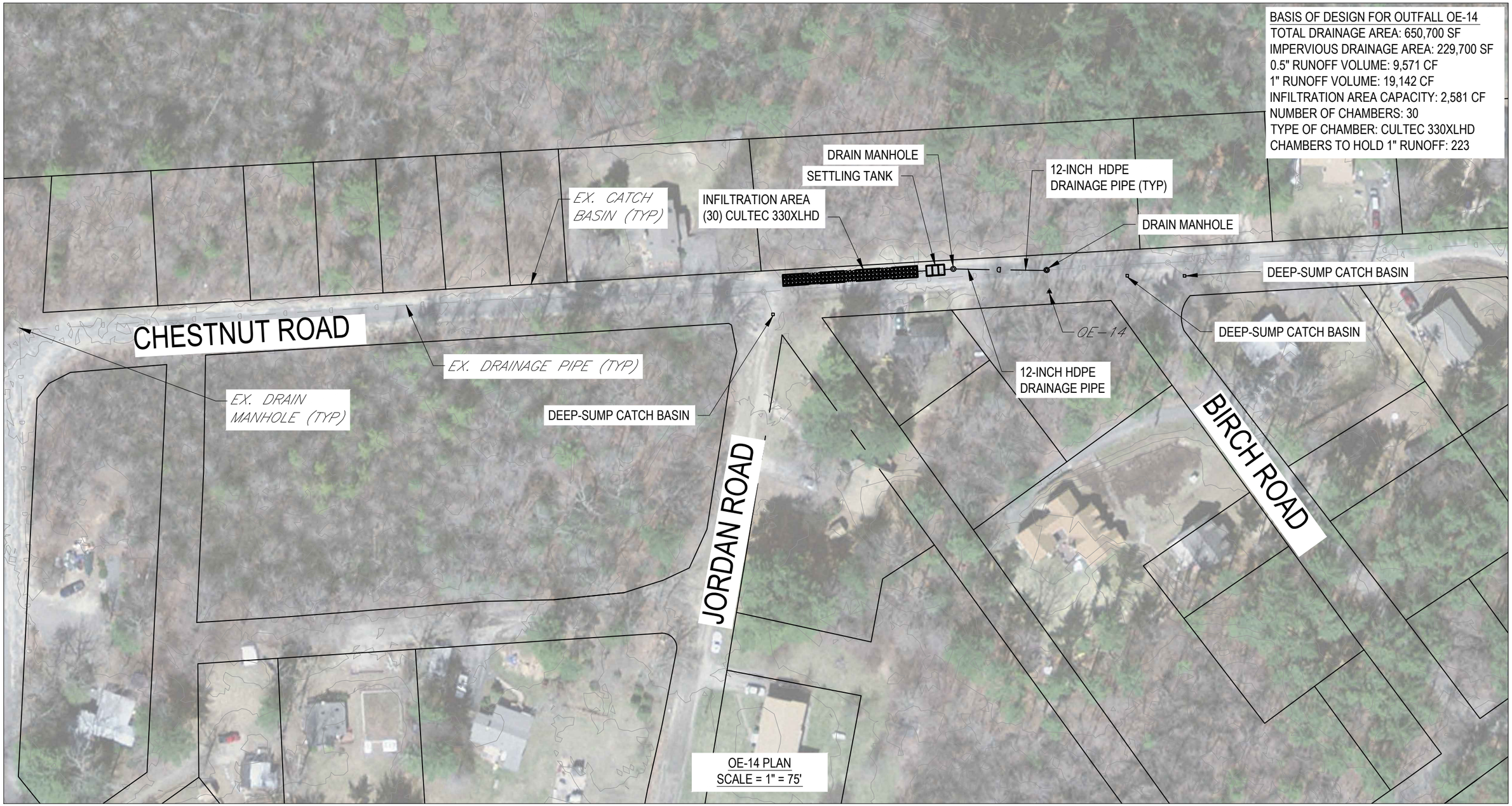
TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OE-09, OE-10, OE-11, OE-12, □ OE-17
CONCEPTUAL DESIGN PLANS

Job Number 111-10997
Revision
Date

Figure 09

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

Plot Date: 21 April 2017 - 9:40 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01□Conceptual Designs.dwg



N

0 25 50 75 100 125 150'

SCALE 1"=75' AT ORIGINAL SIZE

TOWN OF HALIFAX
STORMWATER IMPROVEMENTS
EAST AND WEST MONPONSETT PONDS
OE-14
CONCEPTUAL DESIGN PLAN

Job Number 111-10997
Revision
Date

Figure 10

1545 Iyannough Road, Hyannis Massachusetts 02601 USA **T** 1 774 470 1630 **F** 1 774 470 1631 **E** hyamail@ghd.com **W** www.ghd.com

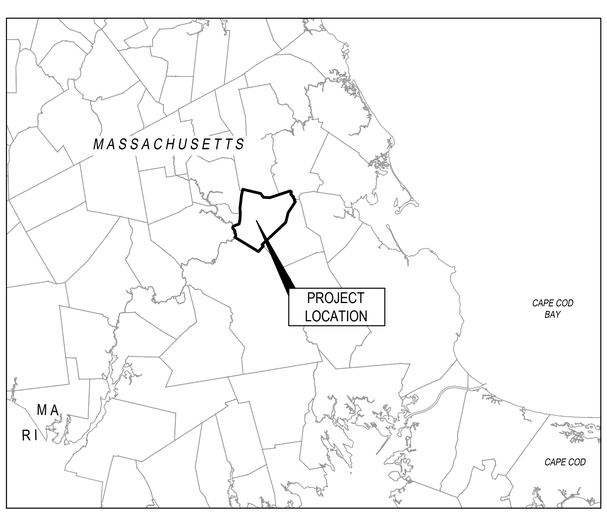
Plot Date: 21 April 2017 - 9:40 AM Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Civil\111-10997-C01 Conceptual Designs.dwg

6.
Preliminary Designs

TOWN OF HALIFAX, MASSACHUSETTS

EAST AND WEST MONPONSETT PONDS STORMWATER IMPROVEMENTS

APRIL, 2017



VICINITY MAP
NOT TO SCALE

TOWN PERSONNEL

TOWN ADMINISTRATOR
CHARLIE SEELIG

BOARD OF HEALTH, HEALTH AGENT
CATHLEEN DRINAN

HIGHWAY DEPARTMENT, HIGHWAY SURVEYOR
ROBERT BADORE

BOARD OF SELECTMEN
THOMAS MILLIAS, KIM ROY, AND TROY E. GARRON

LOCATION MAP
NOT TO SCALE

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
1	PRELIMINARY DESIGN					4/2017

NOTES: UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. ANYONE USING UTILITY INFORMATION AND DATA PROVIDED HEREIN SHALL CALL DIG SAFE AT 811 SEVENTY TWO (72) HOURS, 3 BUSINESS DAYS IN ADVANCE TO VERIFY THE LOCATION OF UTILITIES PRIOR TO START OF CONSTRUCTION.

GHD Inc.
1545 Iyannough Road, Hyannis Massachusetts 02601 USA
T 1 774 470 1630 **F** 1 774 470 1631
E hyamail@ghd.com **W** www.ghd.com

Drawn	Designer
Drafting Check	Design Check
Approved (Project Director)	
Date	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Client TOWN OF HALIFAX, MASSACHUSETTS
Project STORMWATER IMPROVEMENTS
Title COVER SHEET, VICINITY MAP & LOCATION MAP
Contract No.
Original Size Arch D
Drawing No: 11110997-G01
Rev: 0

Plot Date: 21 April 2017 - 11:19 AM Plotted by: Craig Curtin
Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Preliminary Designs\General\11110997-G001.dwg

CONSTRUCTION NOTES

1. BASE PLANIMETRIC SURVEY INFORMATION PROVIDED BY GREEN SEAL ENVIRONMENTAL, INC SAGAMORE BEACH , MA DATED 2/15/2017 IN NAVD88 DATUM.

2. LIMIT OF WORK SHALL BE WITHIN THE PUBLIC RIGHT OF WAY. NO WORK SHALL BE CONDUCTED ON PRIVATE PROPERTY UNLESS OTHERWISE NOTED.

3. CONTRACTOR SHALL RETURN ALL AREAS TO ORIGINAL CONDITION OR BETTER INCLUDING, BUT NOT LIMITED TO, ROADWAYS, BITUMINOUS CONCRETE, LANDSCAPED AREAS AND CURBING, UNLESS OTHERWISE NOTED.

4. THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES ARE INCORPORATED INTO THESE PLANS BY REFERENCE. THE TERM "MASS HIGHWAY" OR "SPECIFICATION" SHALL MEAN THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, DATED 1988. UNLESS OTHERWISE INDICATED, ALL MATERIALS AND METHODS SHALL BE IN CONFORMANCE WITH MASS HIGHWAY SPECIFICATIONS.

5. PROPOSED CONDITIONS SHOWN HEAVY. EXISTING CONDITIONS SHOWN LIGHT.

6. ALL CONCRETE STRUCTURES SHALL HAVE OFFSET SLAB TOP OR ECCENTRIC CONE TOP UNLESS OTHERWISE INDICATED ON PLANS.

7. ALL DRAINAGE PIPING SHALL BE 12" INSIDE DIAMETER CORRUGATED HDPE TYPE N-12 PIPE MANUFACTURED BY ADS OR EQUAL SUITABLE FOR H-20 LOADING AT MINIMUM BURIED DEPTH OF 24". PIPE SHALL BE SUPPLIED IN 20 FT LENGTHS. JOINTS SHALL BE SOIL TIGHT PUSH ON JOINTS.

8. CATCH BASINS SHALL BE PROVIDED WITH SINGLE GRATE INLET PER MASS HIGHWAY STANDARDS, UNLESS OTHERWISE NOTED.

9. FINAL LOCATION OF ALL DRAINAGE STRUCTURES TO BE COORDINATED WITH RESIDENT PROJECT REPRESENTATIVE PRIOR TO STARTING WORK.

10. PIPE SHALL BE SLOPED AT A MINIMUM OF 1.0% UNLESS OTHERWISE NOTED.

11. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES PRIOR TO EXCAVATION, INCLUDING UTILITIES NOT MARKED BY DIG-SAFE (888-DIG-SAFE (344-7233)), NOT SHOWN ON THE SURVEY, OR NOT MARKED BY THE HALIFAX HIGHWAY DEPARTMENT. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGES IF AN UNDERGROUND UTILITY IS DAMAGED DURING THE COURSE OF CONSTRUCTION.

12. IN THE EVENT THAT ANY UTILITY, UNDERGROUND OR OVERHEAD, IS DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER, HALIFAX HIGHWAY DEPARTMENT, AND THE APPROPRIATE UTILITY COMPANY.

13. ALL PAVEMENT TO BE SAW-CUT.

14. ALL CONNECTIONS BETWEEN PRECAST CONCRETE SECTIONS SHALL BE SEALED WITH NON-SHRINK GROUT.

15. LEACHING PITS, SETTLING TANKS, FLOW CONTROL STRUCTURES AND INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, UNLESS OTHERWISE NOTED.

16. ALL PRECAST CONCRETE STRUCTURES SHALL BE RATED FOR AASHTO/H-20 LOADING.

17. ALL MATERIALS USED AND CONSTRUCTION METHODS EMPLOYED ARE TO BE IN ACCORDANCE WITH THE LATEST FEDERAL, STATE AND TOWN REGULATIONS.

18. NOT ALL EXISTING ITEMS (INCLUDING TREES, PLANTERS, HEDGES, SIDEWALKS, FENCE, GUIDE LINES, ETC.) ARE SHOWN ON DRAWINGS. HOWEVER THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ITEMS, INCLUDING BUT NOT LIMITED TO LANDSCAPING, CURBING AND SIDEWALKS. ALL DAMAGED ITEMS SHALL BE RESTORED TO THEIR EXISTING CONDITION OR BETTER AND AT NO ADDITIONAL COST TO THE OWNER.

19. CONTRACTOR SHALL REMOVE AND REPLACE ANY TREES DAMAGED BY CONSTRUCTION OPERATIONS THAT ARE NOT DESIGNATED FOR CLEARING.

20. CONTRACTOR IS RESPONSIBLE FOR DETERMINING DEPTH OF GROUNDWATER AND FOR ALL COSTS ASSOCIATED WITH DEWATERING NECESSARY TO INSTALL STRUCTURES OR PIPING.

21. ANY UNSUITABLE MATERIAL ENCOUNTERED DURING EXCAVATION (ORGANICS, PEAT, ETC.) FOR DRAINAGE STRUCTURES SHALL BE DISPOSED OF BY THE CONTRACTOR AT THEIR EXPENSE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUITABLE CLEAN BACKFILL PER THE CONTRACT DOCUMENTS FOR BACKFILL AND COMPACTION.

22. ALL MANHOLE COVERS, PULL BOXES, CATCH BASIN GRATES AND OTHER UTILITY COVERS SHALL BE RAISED AS NEEDED TO BE FLUSH WITH THE TEMPORARY PAVING IF APPLICABLE.

23. ALL TEMPORARY PAVING SHALL BE MAINTAINED ON AN AS-NEEDED BASIS BY THE CONTRACTOR PER THE REQUEST OF THE TOWN OF HALIFAX. ANY IMPERFECTIONS IN THE TEMPORARY PAVEMENT THAT ARE SUBSTANTIATED DURING THE CONTRACT TIMES SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

24. ALL FINAL PAVING SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER INSTALLATION. ANY DEFORMATIONS, CRACKS OR DEVIATIONS SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR, SEE SPECIFICATIONS SECTION 02980.

25. ANY DISTURBED PAVEMENT MARKINGS OR STRIPING BY THE CONSTRUCTION ACTIVITIES SHALL BE REPLACED AT AN EQUAL OR BETTER CONDITION, INCLUDING COLOR, THICKNESS, WIDTH, TYPE AND LOCATION. SEE SPECIFICATION SECTION 02980.

26. COVERS IN ROAD MUST BE PLACED NEAR CENTER OF TRAVEL LANE AS POSSIBLE. OFFSET STRUCTURE COVERS MAY BE NECESSARY BASED ON LOCATION OF UTILITIES IN FIELD OR OTHER CONDITIONS.

BASIS OF DESIGN (FOR INFORMATION ONLY)

1. STORMWATER CONTROL SYSTEMS WERE DESIGNED TO PROVIDE INCREMENTAL IMPROVEMENT BY CAPTURING AND INFILTRATING RUNOFF FROM RAIN THAT FALLS ON THE IMPERVIOUS SURFACE (TOWN ROADS) TO THE MAXIMUM EXTENT PRACTICABLE.

EROSION & SEDIMENTATION CONTROL NOTES

1. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR DAILY AND IMMEDIATELY AFTER PERIODS OF RAINFALL. REPAIR AND/OR MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE MADE AS SOON AS NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF ALL CONTROL MEASURES ON THIS SITE.

2. FINAL LOCATION OF ALL SEDIMENTATION CONTROL MEASURES SHALL BE COORDINATED WITH THE TOWN CONSERVATION OFFICE PRIOR TO CONSTRUCTION.

3. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. RESTABILIZATION WILL BE SCHEDULED IMMEDIATELY AFTER ANY DISTURBANCE.

4. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ALL CONSTRUCTION ACTIVITIES.

5. ANCHOR ALL TOPSOIL STOCK PILES WITH STRAW MULCH AND RING WITH SILT FENCE, OR HAYBALE BARRIER.

6. SEDIMENT REMOVAL FROM CONTROL STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SEDIMENT SHALL BE DISPOSED OF IN A MANNER WHICH DOES NOT RESULT IN ADDITIONAL EROSION AND WHICH IS CONSISTENT WITH THE CONTRACT DOCUMENTS AND REGULATORY REQUIREMENTS.

7. THE EROSION AND SEDIMENTATION CONTROL MEASURES DESCRIBED HEREIN ARE INTENDED AS A GENERAL GUIDE FOR THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ANY AND ALL WORK NECESSARY TO PREVENT EROSION OF SOIL FROM THE CONSTRUCTION SITE. TO PREVENT EROSION, THE CONTRACTOR SHALL PROVIDE SILT FENCES OR OTHER CONTROL MEASURES AS THE NEED ARISES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.

8. PAVED ROADWAYS SHALL BE KEPT CLEAN AT ALL TIMES.

9. CATCH BASINS NOT SHOWN ON SURVEY WITHIN THE CONTRACTORS STAGING AREA MAY BE SUBJECT TO EROSION AND SEDIMENTATION CONTROL MEASURES IF SO DIRECTED BY THE ENGINEER.

LEGEND
FOR PROPOSED CONDITIONS

- 1+00 — CONSTRUCTION BASELINE AND STATION
- 62 — MAJOR CONTOUR INTERVAL
- CAPE COD BERM
- CRUSHED STONE / RIP RAP
- CATCH BASIN
- HEAVY DUTY INFILTRATOR
- D D D — HDPE DRAIN PIPE
- LIMIT OF TEMPORARY PAVEMENT REPLACEMENT
- 8' DIA. SINGLE LEACHING PIT W\STONE LIMITS
- 8' DIA. MULTIPLE LEACHING PITS W\STONE LIMITS
- SF SF — SILT FENCE\HAYBALE LIMIT
- ASPHALT PATCH

LEGEND
FOR EXISTING CONDITIONS

- UNDERGROUND DRAIN LINE
- UNDERGROUND GAS LINE
- OHW OHW OHW — OVERHEAD WIRES
- UNDERGROUND COMMUNICATION LINE
- UNDERGROUND WATER LINE
- FENCE LINE
- TREE LINE
- 45 — CONTOUR MINOR
- 46 — CONTOUR MAJOR
- EDGE OF ASPHALT
- GIS PARCEL LINES
- WATER GATE
- FIRE HYDRANT
- CATCH BASIN
- TEST PIT
- UTILITY POLE
- GUY POLE
- BOLLARD
- x20.87 — SPOT ELEVATION
- BC — BIT. CURB
- SWL — SOLID WHITE LANE
- BB — BIT. BERM
- DYL — TEST PIT
- BIT. — BITUMINOUS CONCRETE
- EM — ELECTRIC METER
- OW — OUTFALL WEST MONPONSETT POND
- OE — OUTFALL EAST MONPONSETT POND
- EDGE OF BUILDING
- RIPRAP / STONES

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
1	PRELIMINARY DESIGN					4/2017

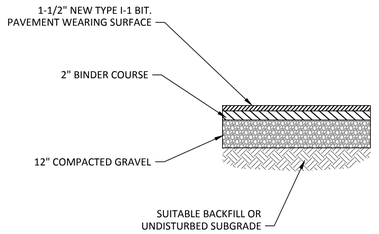
NOTES: UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. ANYONE USING UTILITY INFORMATION AND DATA PROVIDED HEREIN SHALL CALL DIG SAFE AT 811 SEVENTY TWO (72) HOURS, 3 BUSINESS DAYS IN ADVANCE TO VERIFY THE LOCATION OF UTILITIES PRIOR TO START OF CONSTRUCTION.

GHD Inc.
1545 Iyannough Road, Hyannis Massachusetts 02601 USA
T 1 774 470 1630 F 1 774 470 1631
E hyamail@ghd.com W www.ghd.com

Drawn	Designer
Drafting Check	Design Check
Approved (Project Director)	
Date	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

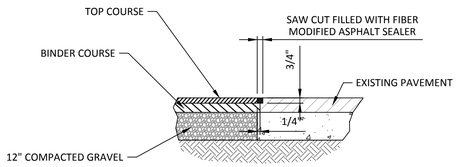
Client TOWN OF HALIFAX, MASSACHUSETTS
Project STORMWATER IMPROVEMENTS
Title NOTES & LEGEND
Contract No.
Original Size Arch D
Drawing No: 11110997-G02
Rev: 0

Plot Date: 21 April 2017 - 11:19 AM Plotted by: Craig Curtin
Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Preliminary Designs\General\11110997-G002.dwg



1 D01 TYPICAL PAVED SURFACE TREATMENT DETAIL

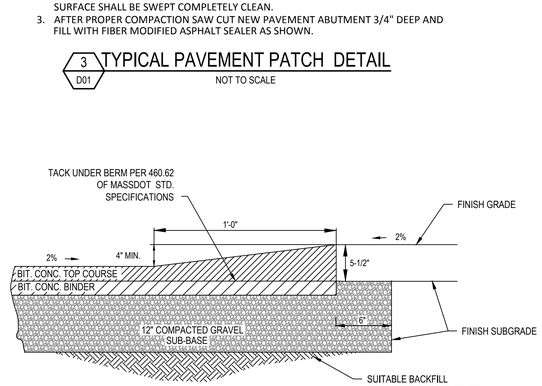
NOT TO SCALE



NOTES:
1. EXISTING BITUMINOUS PAVEMENT SHALL BE REMOVED TO A CLEAN STRAIGHT EDGE VIA SAW CUTTING. THE SAW CUT SHALL BE COMPLETED PERPENDICULAR TO THE ROADWAY/SIDEWALK.
2. PRIOR TO INSTALLING THE WEARING COURSE THE EXISTING VERTICAL PAVEMENT SURFACE SHALL BE SWEPT COMPLETELY CLEAN.
3. AFTER PROPER COMPACTION SAW CUT NEW PAVEMENT ABUTMENT 3/4" DEEP AND FILL WITH FIBER MODIFIED ASPHALT SEALER AS SHOWN.

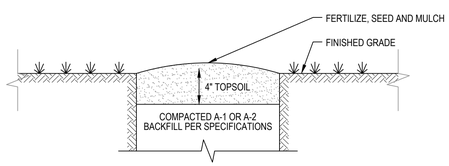
3 D01 TYPICAL PAVEMENT PATCH DETAIL

NOT TO SCALE



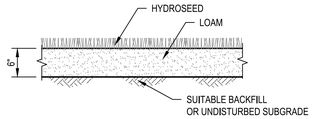
5 D01 CAPE COD BERM DETAIL

NOT TO SCALE



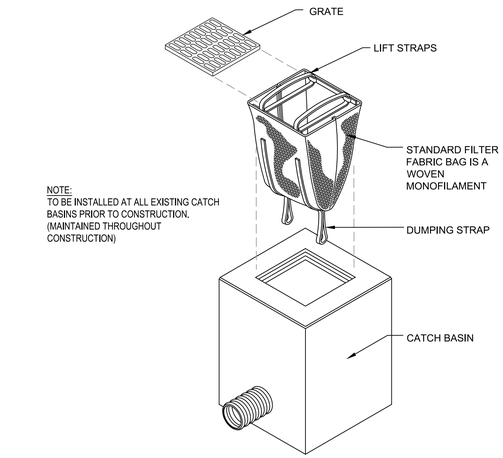
6 D01 TRENCH SURFACE RESTORATION DETAIL - NON-PAVED, NON-TRAVELLED WAY

NOT TO SCALE



2 D01 LOAM AND SEED-SECTION

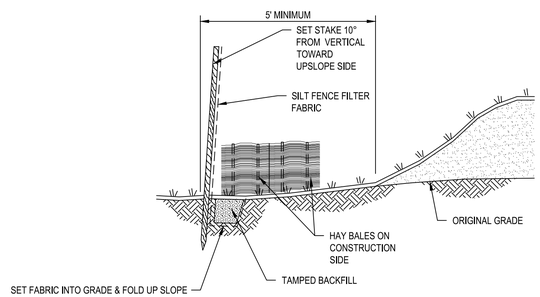
NOT TO SCALE



NOTE:
TO BE INSTALLED AT ALL EXISTING CATCH BASINS PRIOR TO CONSTRUCTION. (MAINTAINED THROUGHOUT CONSTRUCTION)

4 D01 EROSION CONTROL AT CATCH BASIN

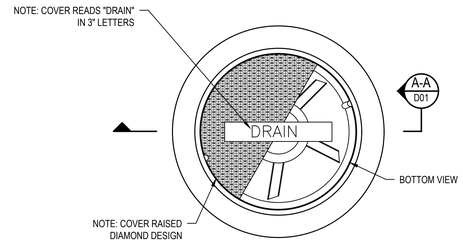
NOT TO SCALE



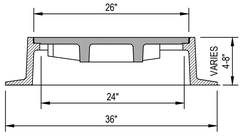
NOTE:
SILT FENCE AND POSTS FROM APPROVED MANUFACTURER/SUPPLIER. SET TO MANUFACTURERS DIRECTIONS.

7 D01 SILT FENCE WITH HAY BALE DETAIL

NOT TO SCALE



PLAN

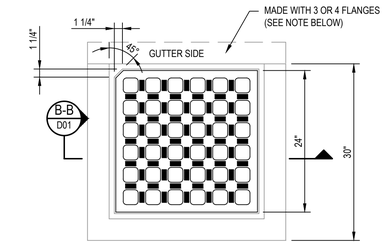


SECTION A-A

NOTE:
ALL MANHOLE FRAME AND COVERS TO BE EJ 0MA226000002 OR EQUAL UNLESS OTHERWISE SPECIFIED ON THE CONTRACT DRAWINGS.

8 D01 MANHOLE FRAME AND COVER DETAIL

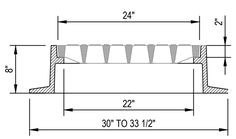
NOT TO SCALE



PLAN

▬ RECTANGLES 3/4"X1-3/4" RAISED 1/8" FROM COVER TOP

▢ 2-1/2" SQUARE OPENINGS



SECTION
B-B

NOTE:
ALL CATCH BASIN FRAME AND GRATES TO BE EJ 0MA554000006 OR EQUAL WITH 4 FLANGES UNLESS OTHERWISE SPECIFIED ON THE CONTRACT DRAWINGS.

9 D01 CATCH BASIN FRAME AND GRATE DETAIL

NOT TO SCALE

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1	PRELIMINARY DESIGN					4/2017

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Drafting Check	Design Check
Approved (Project Director)	
Date	
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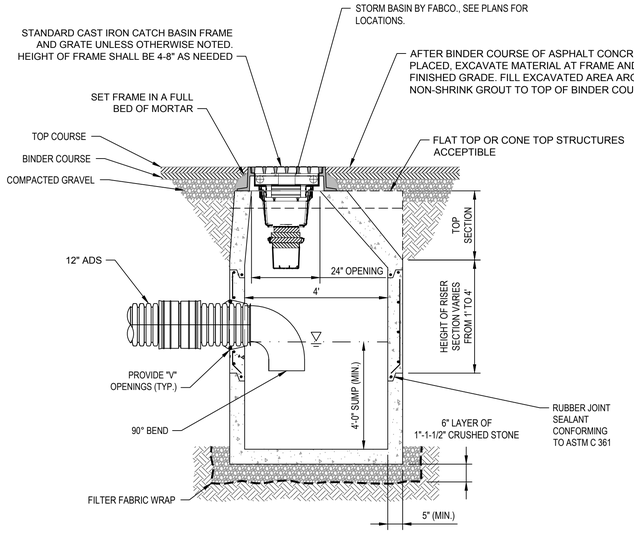
Client TOWN OF HALIFAX, MASSACHUSETTS
Project STORMWATER IMPROVEMENTS
Title CONSTRUCTION DETAILS - 1

Original Size Arch D
Drawing No: 11110997-D01
Rev: 0

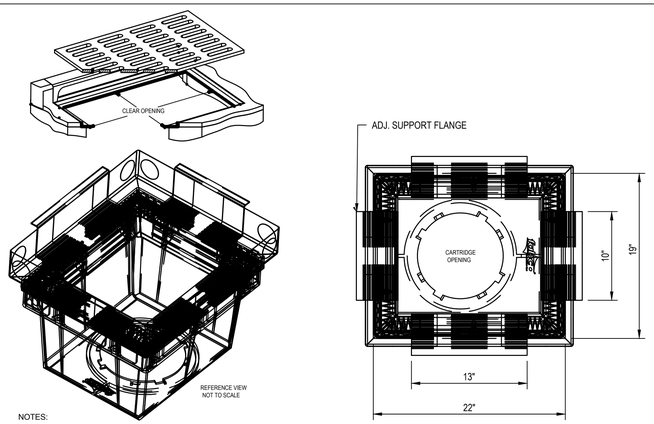
Plot Date: 21 April 2017 - 11:19 AM Plotted by: Craig Curtin
Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Preliminary Designs\Detail\11110997-D01.dwg



1 D02 CATCH BASIN DETAIL

NOT TO SCALE

NOTES:
1. ALL CATCH BASINS SHALL BE 4' DIAMETER.
2. EXTERIOR SURFACES TO BE SEALED WITH COLD APPLIED BITUMINOUS SEALER.
3. REINFORCEMENT SHALL BE MIN. 0.12 SQ. IN. PER VERTICAL FOOT, PLACED IN ACCORDANCE WITH AASHTO DESIGNATION M-199.
4. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4-IN. FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
5. ALL CATCH BASINS SHALL MEET THE REQUIREMENTS OF THE HALIFAX HIGHWAY DEPARTMENT.
6. ANY CATCH BASINS INSTALLED ADJACENT TO GRANITE CURBING MUST RECEIVE GRANITE THROAT STONES.



NOTES:

1. WEIGHT (EMPTY): 35 LB MAX, NO CARTRIDGE.

2. MATERIAL:
   A) ADJUSTABLE FLANGE AND DEFLECTOR: ALUMINUM ALLOY 6063-T6
   B) BASIN (PLASTIC): POLYPROPYLENE POLYETHYLENE COPOLYMER
   C) CORNER FILL: ALUMINUM ALLOY 5052-H32
   D) SUPPORT HARDWARE: CRES 300 SERIES OR EQUAL

3. PERFORMANCE CHARACTERISTICS (TYP):
   A) DEBRIS CAPACITY: 2.5 CU-FT
   B) FILTERED FLOW RATE (CLEAN, STANDARD CARTRIDGE): 115 GPM (0.25 CFS)
   C) PROTECTED BYPASS FLOW RATE: 900 GPM (2.0 CFS)

4. CLEAR OPENING RANGE (.5 INCREMENTS):
   A) MINIMUM SIZE: 19.0 X 22.0
   B) MAXIMUM SIZE: 24.0 X 27.0

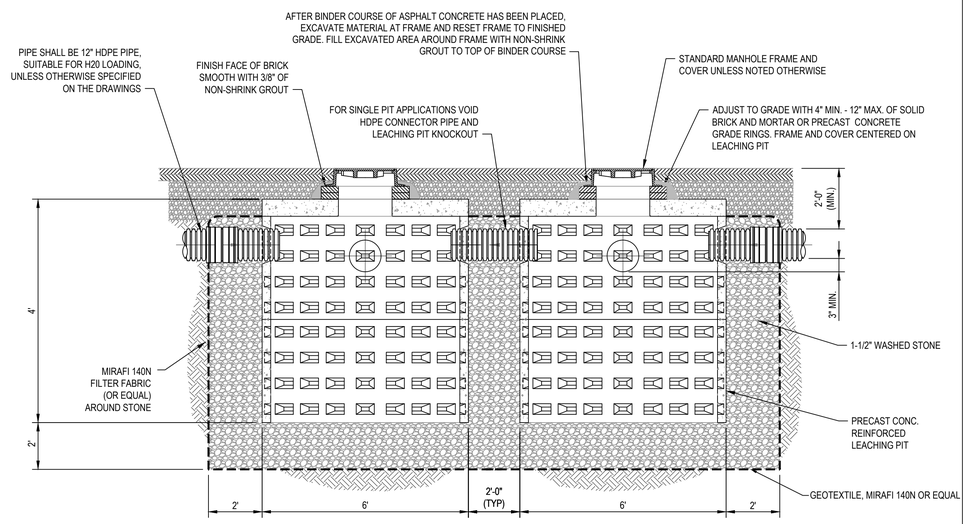
5. RECOMMENDED MINIMUM VAULT DEPTH: 2-IN BELOW CARTRIDGE

6. TYPICAL INSTALLATION: REMOVE STORM GRATE, MEASURE CATCH BASIN CLEAR OPENING AND ADJUST FLANGES TO REST ON GRATE SUPPORT LEDGE, INSTALL CORNER FILL PIECES, REINSTALL STORM GRATE DIRECTLY ON STORMBASIN SUPPORT FLANGES.

7. USE ONLY FABCO REPLACEABLE MEDIA CARTRIDGES.

2 D02 STORMBASIN BY FABCO

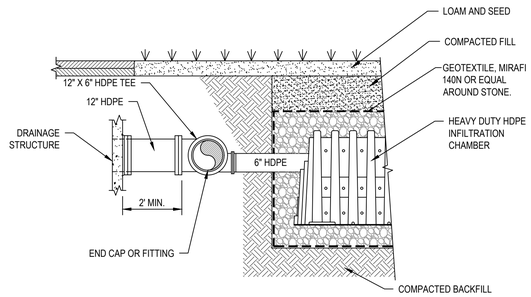
NOT TO SCALE



3 D02 STANDARD SINGLE OR MULTIPLE PRECAST CONCRETE LEACHING PIT

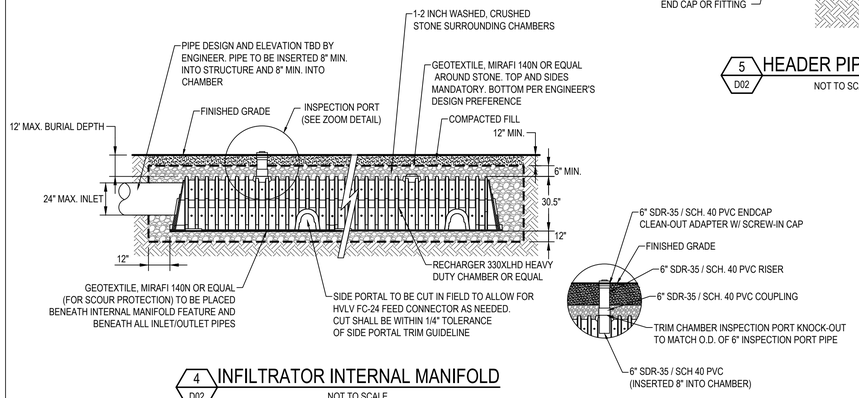
NOT TO SCALE

NOTES:
1. CONCRETE MINIMUM STRENGTH SHALL BE 4,000 PSI @ 28 DAYS.
2. STEEL REINFORCEMENT: AS-615, GRADE 60.
3. DESIGN LOADING: AASHO-HS-20.



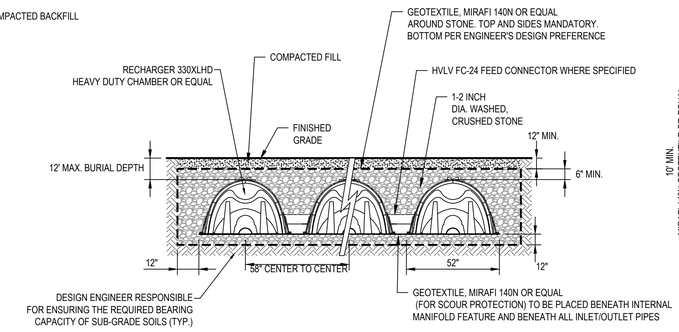
5 D02 HEADER PIPE DETAIL

NOT TO SCALE



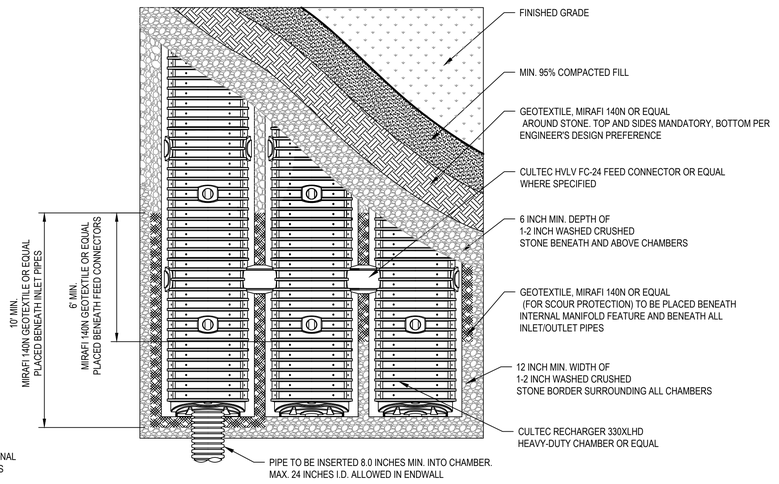
4 D02 INFILTRATOR INTERNAL MANIFOLD

NOT TO SCALE



6 D02 INFILTRATOR CROSS SECTION-ENDWALL VIEW

NOT TO SCALE



7 D02 HEAVY DUTY INFILTRATOR PLAN VIEW-NON-TRAFFIC APPLICATIONS

NOT TO SCALE

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Approved (Project Director)	
Date	
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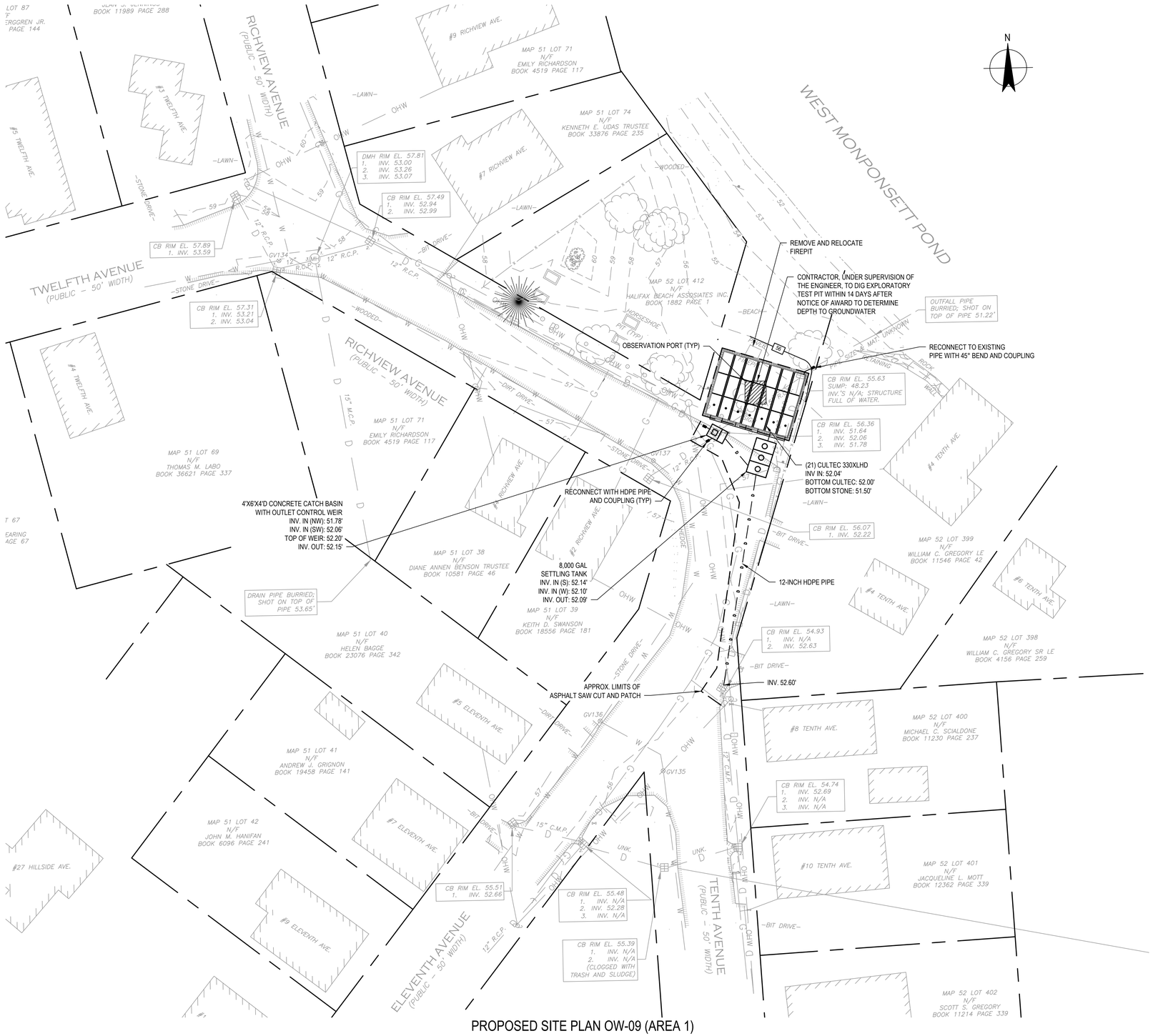
Client **TOWN OF HALIFAX, MASSACHUSETTS**
Project **STORMWATER IMPROVEMENTS**
Title **CONSTRUCTION DETAILS - 2**

Original Size **Arch D** Drawing No: **11110997-D02** Rev: **0**

Plot Date: 21 April 2017 - 11:20 AM Plotted by: Craig Curtin Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Preliminary Designs\Detail\11110997-D02.dwg

BASIS OF DESIGN FOR OW-09
IMPERVIOUS DRAINAGE AREA: 46,000 SF
0.5" RUNOFF VOLUME: 1,917 CF
1" RUNOFF VOLUME: 3,833 CF
INFILTRATION AREA CAPACITY: 1,664 CF
NUMBER OF CHAMBERS: 21
TYPE OF CHAMBERS: CULTEC 330XLHD
SYSTEM STORES 43% OF THE 1" RUNOFF VOLUME



PROPOSED SITE PLAN OW-09 (AREA 1)
SCALE 1" = 20'

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
1	PRELIMINARY DESIGN					4/2017

0 10 20 30 40'
SCALE 1"=20' AT ORIGINAL SIZE

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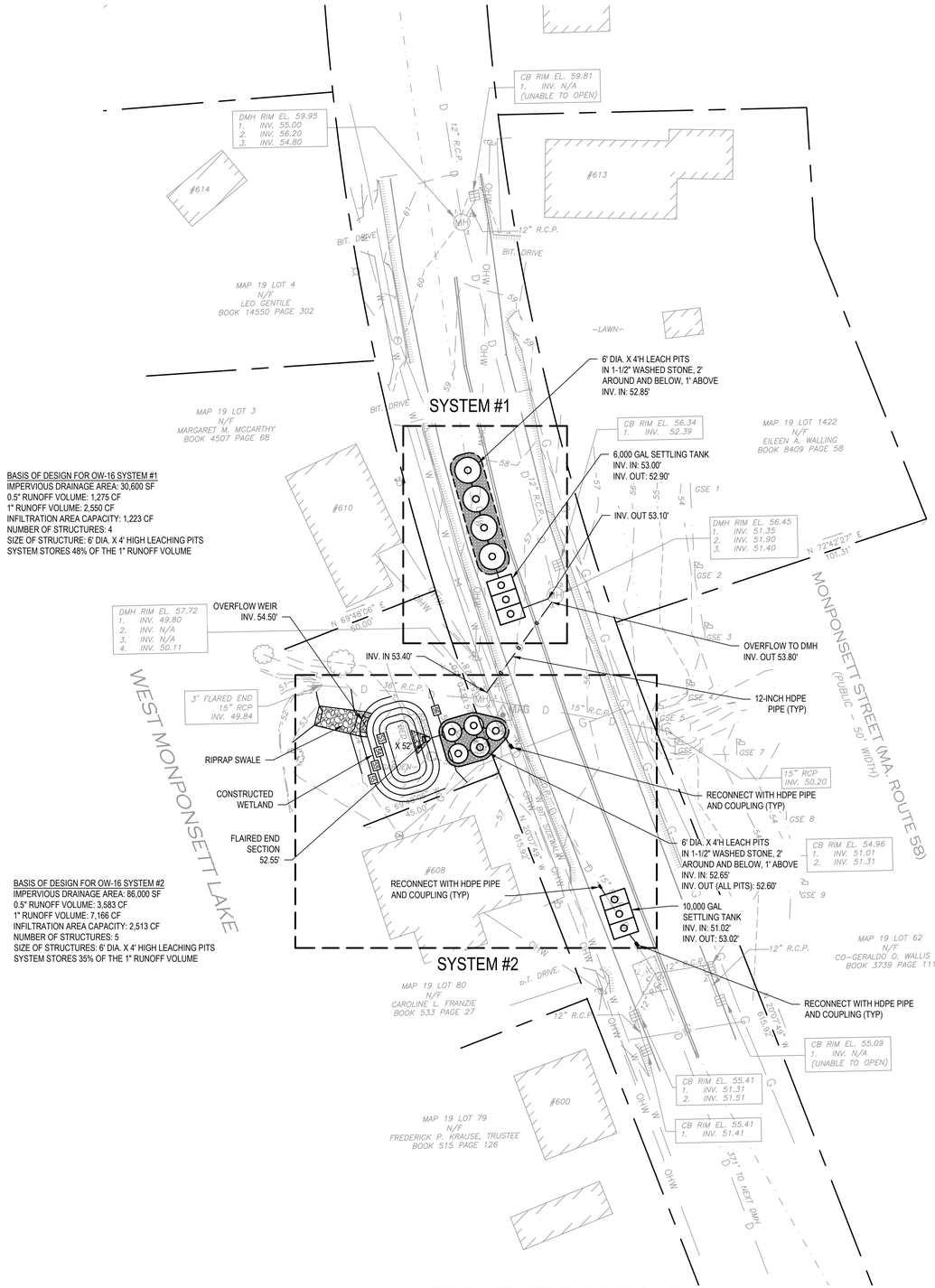
Client TOWN OF HALIFAX, MASSACHUSETTS
Project STORMWATER IMPROVEMENTS
Title PROPOSED SITE PLAN OW-09

Original Size Arch D
Drawing No: 11110997-C01
Rev: 0

Plot Date: 21 April 2017 - 11:21 AM Plotted by: Craig Curtin
Cad File No: G:\111\11110997 Stormwater Outfall Assessment for the East and West Monponsett Ponds\CADD\Drawings\Preliminary Designs\Civil\11110997-C01.dwg

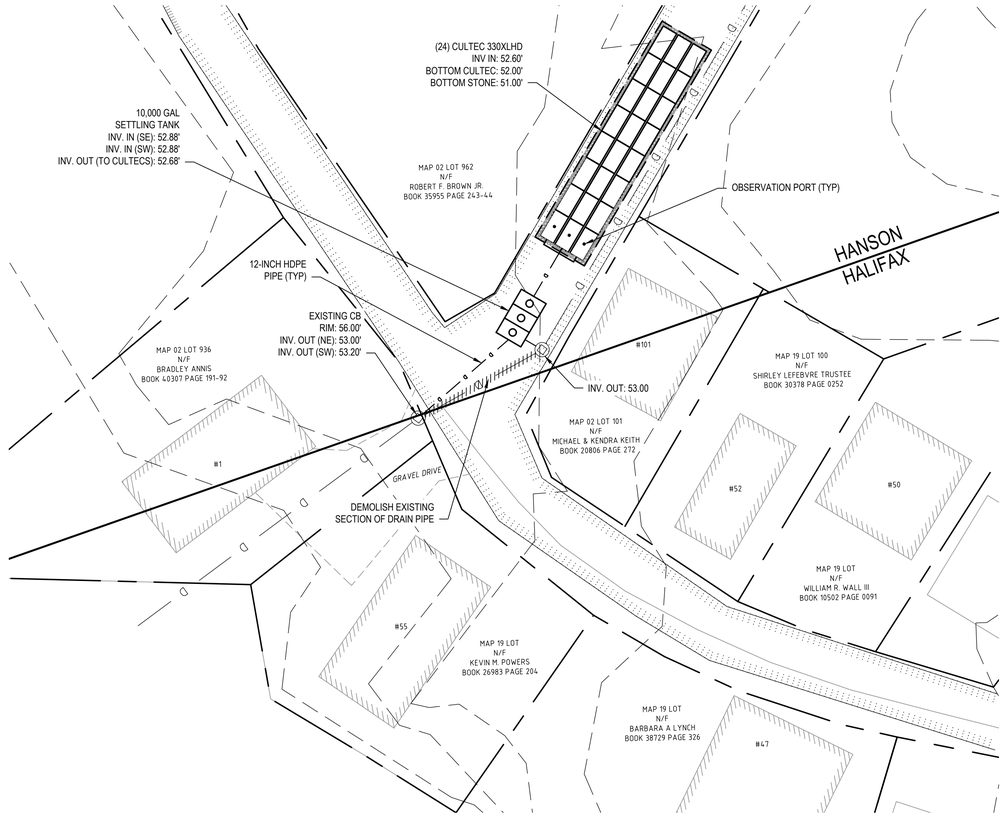


PROPOSED SITE PLAN OW-16 (AREA 2)

SCALE 1" = 20'

BASIS OF DESIGN FOR OW-16 SYSTEM #1
IMPERVIOUS DRAINAGE AREA: 30,600 SF
0.5" RUNOFF VOLUME: 1,275 CF
1" RUNOFF VOLUME: 2,550 CF
INFILTRATION AREA CAPACITY: 1,223 CF
NUMBER OF STRUCTURES: 4
SIZE OF STRUCTURE: 6' DIA. X 4' HIGH LEACHING PITS
SYSTEM STORES 48% OF THE 1" RUNOFF VOLUME

BASIS OF DESIGN FOR OW-16 SYSTEM #2
IMPERVIOUS DRAINAGE AREA: 86,000 SF
0.5" RUNOFF VOLUME: 3,583 CF
1" RUNOFF VOLUME: 7,166 CF
INFILTRATION AREA CAPACITY: 2,513 CF
NUMBER OF STRUCTURES: 5
SIZE OF STRUCTURES: 6' DIA. X 4' HIGH LEACHING PITS
SYSTEM STORES 35% OF THE 1" RUNOFF VOLUME



PROPOSED SITE PLAN OW-19 (AREA 3)

SCALE 1" = 20'

BASIS OF DESIGN FOR OW-19
TOTAL DRAINAGE AREA: 504,000 SF
IMPERVIOUS DRAINAGE AREA: 70,000 SF
0.5" RUNOFF VOLUME: 2,917 CF
1" RUNOFF VOLUME: 5,833 CF
INFILTRATION AREA CAPACITY: 2,065 CF
NUMBER OF CHAMBERS: 24
TYPE OF CHAMBERS: CULTEC 330XLHD
SYSTEM STORES 35% OF THE 1" RUNOFF VOLUME

NOTES:

1. NO TOPOGRAPHIC INSTRUMENT SURVEY WAS PERFORMED.
2. ALL CONTOURS, FEATURES, AND STRUCTURES ARE FROM MASSGIS.
3. ELEVATIONS ARE BASED ON AN ASSUMED DATUM.

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
1	PRELIMINARY DESIGN					4/2017

0 10 20 30 40'

SCALE 1"=20' AT ORIGINAL SIZE

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Title PROPOSED SITE PLAN OW-16 AND OW-19

Original Size Arch D
Drawing No: 11110997-C02
Rev: 0

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