

MSBA ACCELERATED REPAIR PROGRAM ROOF REPLACEMENT

464 PLYMOUTH ST
HALIFAX, MA 02338

CONSTRUCTION DOCUMENTS
MAY 24, 2017

ADDENDUM #1 - JUNE 02, 2017

ADDENDUM #3 - JUNE 12, 2017

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LOCUS PLAN (NOT TO SCALE)

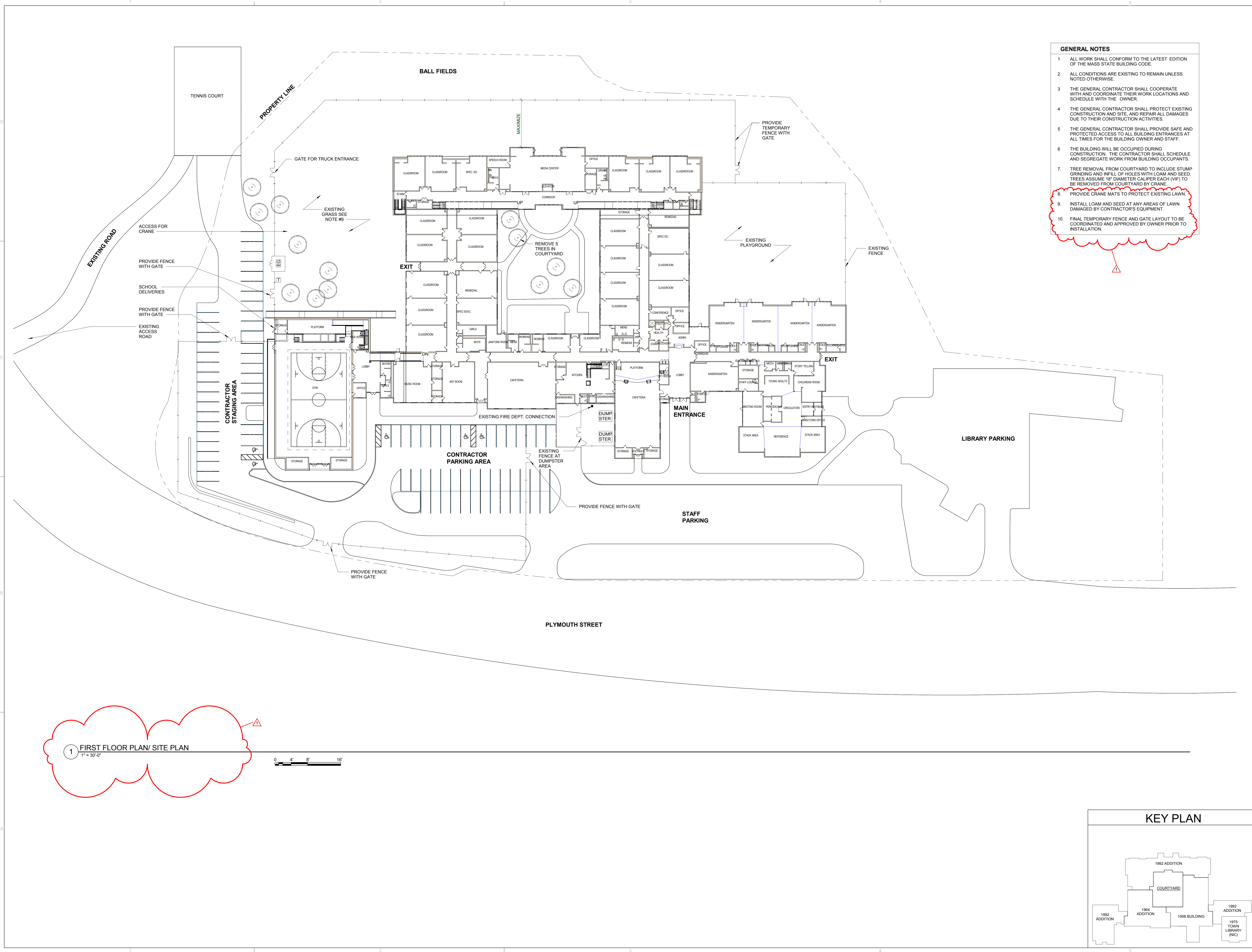


MARK	DATE	REVISIONS
	05/24/17	BID DOCUMENTS
1	06/02/17	ADDENDA 1
2	06/21/17	ADDENDA 3

PROJECT NO:	1614.02
DATE:	05/24/17
SCALE:	
DRAWN BY:	WV/JS
CHECKED BY:	SB/LM

TITLE SHEET

G-001



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STAMP

CONSULTANT

NORTH ARROW

KEY PLAN

WING C
WING A WING B

MSBA ACCELERATED REPAIR PROGRAM
ROOF REPLACEMENT

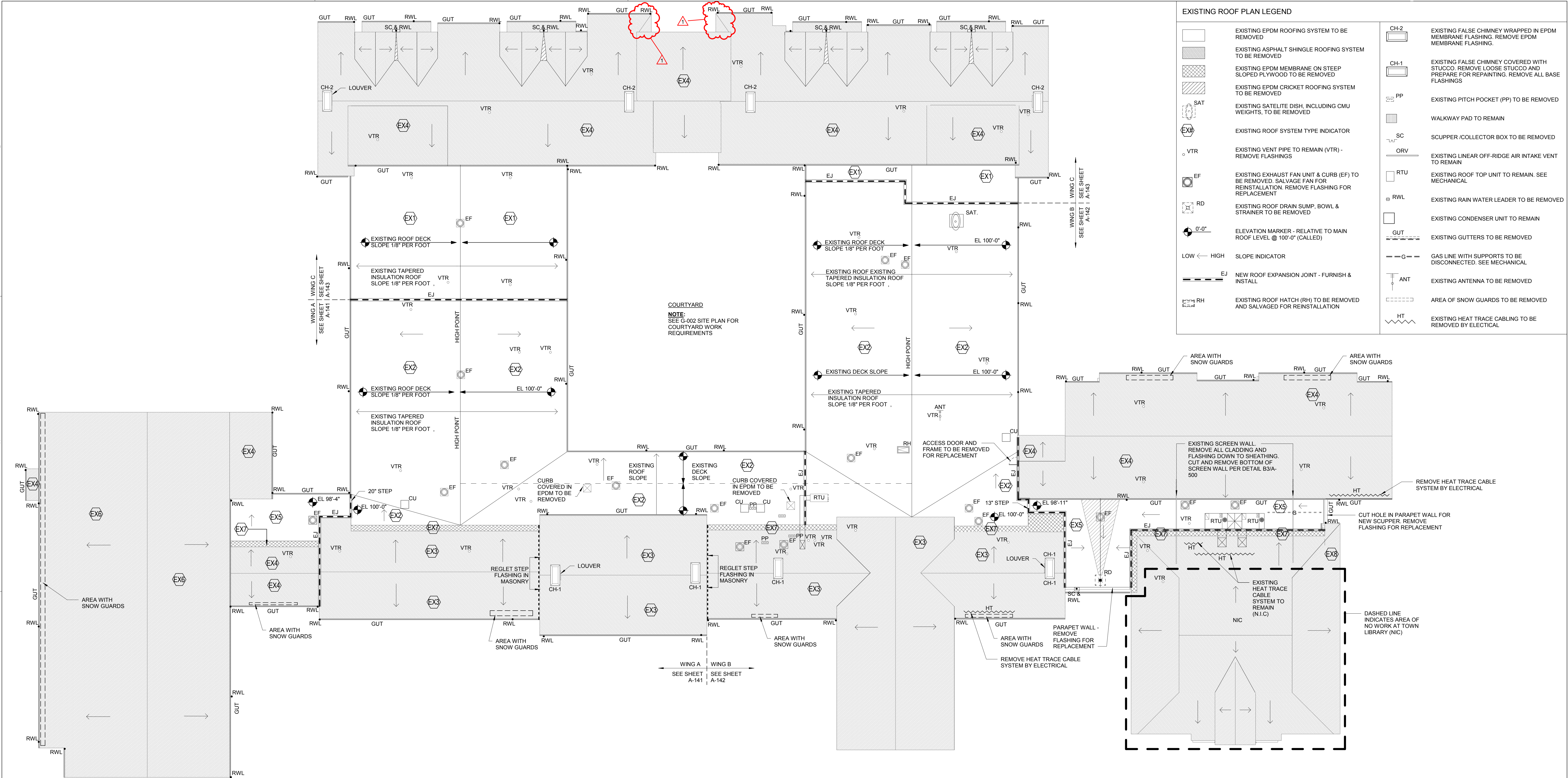
HALIFAX ELEMENTARY SCHOOL
464 PLYMOUTH STREET HALIFAX, MA 02338



























REVISION	DATE	BY	REVISIONS
1	08/02/17	ADDENDUM 1	

PROJECT NO: 1614.02
DATE: 05/24/17
SCALE: As indicated
DRAWN BY: JS
CHECKED BY: SB/ILM

SITE PLAN

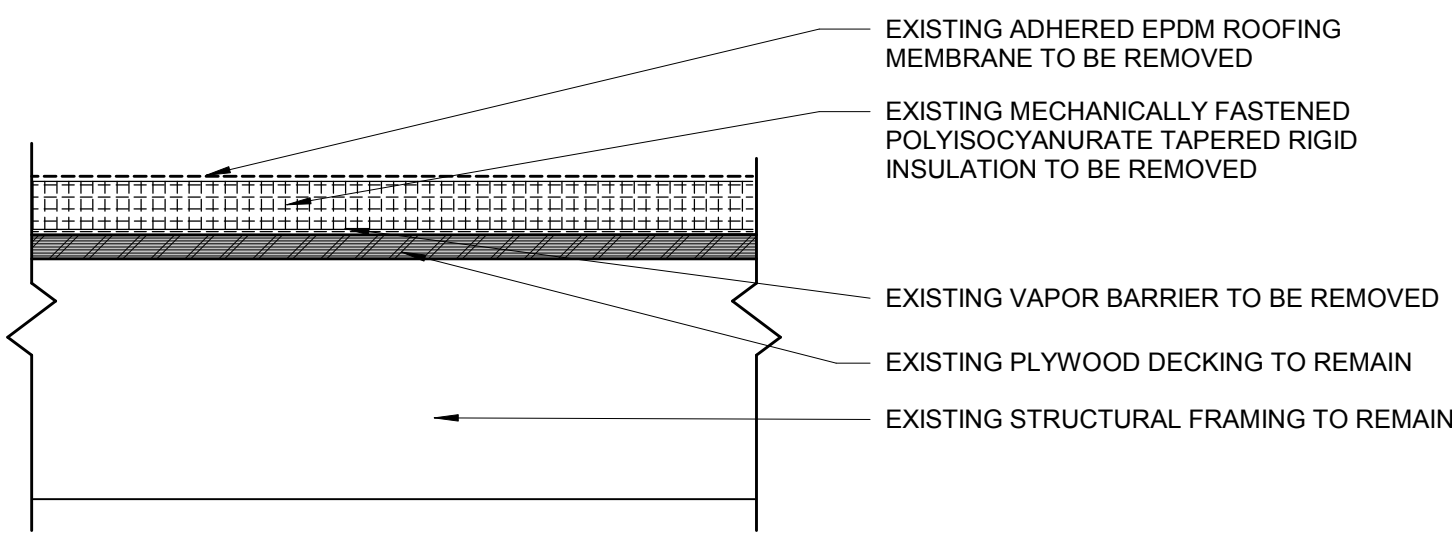
G-002



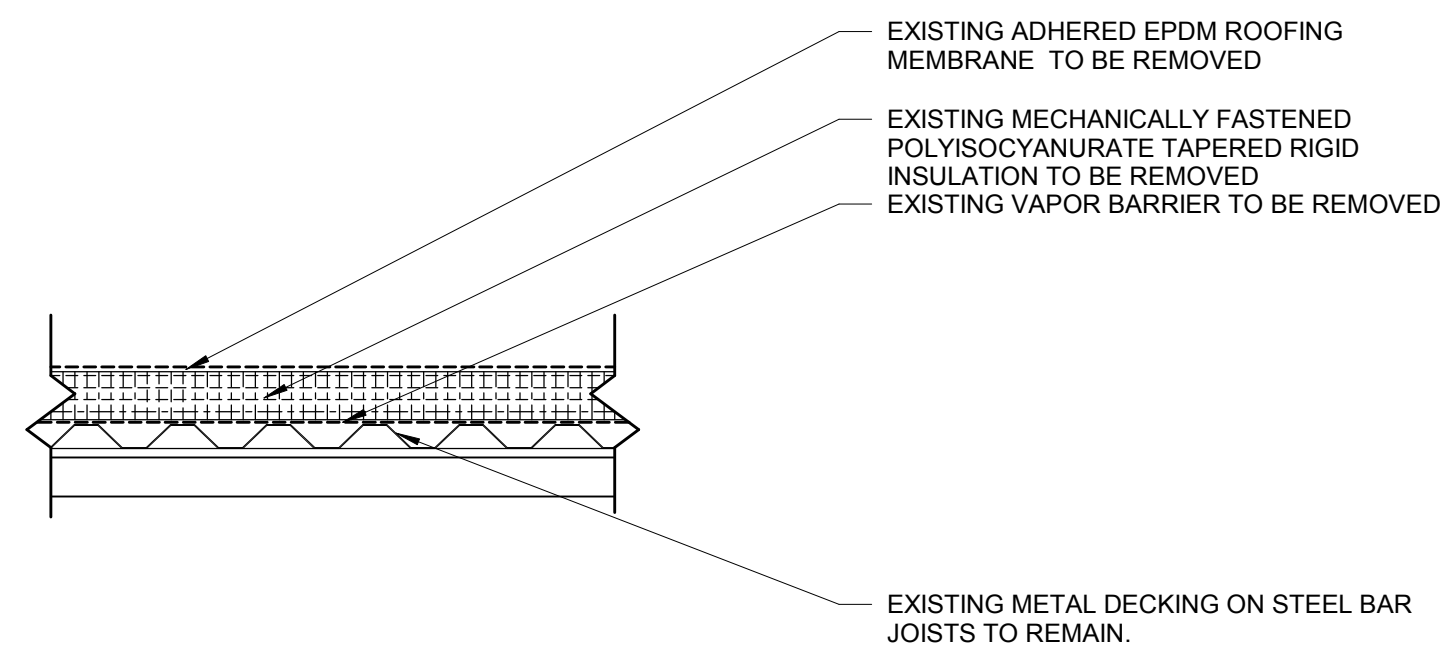
EXISTING ROOF PLAN LEGEND			
	EXISTING EPDM ROOFING SYSTEM TO BE REMOVED		EXISTING FALSE CHIMNEY WRAPPED IN EPDM MEMBRANE FLASHING. REMOVE EPDM MEMBRANE FLASHING.
	EXISTING ASPHALT SHINGLE ROOFING SYSTEM TO BE REMOVED		EXISTING FALSE CHIMNEY COVERED WITH STUCCO. REMOVE LOOSE STUCCO AND PREPARE FOR REPAINTING. REMOVE ALL BASE FLASHINGS
	EXISTING EPDM MEMBRANE ON STEEP SLOPED PLYWOOD TO BE REMOVED		EXISTING PITCH POCKET (PP) TO BE REMOVED
	EXISTING EPDM CRICKET ROOFING SYSTEM TO BE REMOVED		WALKWAY PAD TO REMAIN
	EXISTING SATELLITE DISH, INCLUDING CMU WEIGHTS, TO BE REMOVED		SCUPPER /COLLECTOR BOX TO BE REMOVED
	EXISTING ROOF SYSTEM TYPE INDICATOR		EXISTING LINEAR OFF-RIDGE AIR INTAKE VENT TO REMAIN
	EXISTING VENT PIPE TO REMAIN (VTR) - REMOVE FLASHINGS		EXISTING ROOF TOP UNIT TO REMAIN. SEE MECHANICAL
	EXISTING EXHAUST FAN UNIT & CURB (EF) TO BE REMOVED. SALVAGE FAN FOR REINSTALLATION. REMOVE FLASHING FOR REPLACEMENT		EXISTING RAIN WATER LEADER TO BE REMOVED
	EXISTING ROOF DRAIN SUMP, BOWL & STRAINER TO BE REMOVED		EXISTING CONDENSER UNIT TO REMAIN
	ELEVATION MARKER - RELATIVE TO MAIN ROOF LEVEL @ 100'-0" (CALLED)		EXISTING GUTTERS TO BE REMOVED
	SLOPE INDICATOR		GAS LINE WITH SUPPORTS TO BE DISCONNECTED. SEE MECHANICAL
	NEW ROOF EXPANSION JOINT - FURNISH & INSTALL		EXISTING ANTENNA TO BE REMOVED
	EXISTING ROOF HATCH (RH) TO BE REMOVED AND SALVAGED FOR REINSTALLATION		EXISTING HEAT TRACE CABLE TO BE REMOVED BY ELECTRICAL

A1 OVERALL ROOF PLAN - EXISTING & DEMOLITION

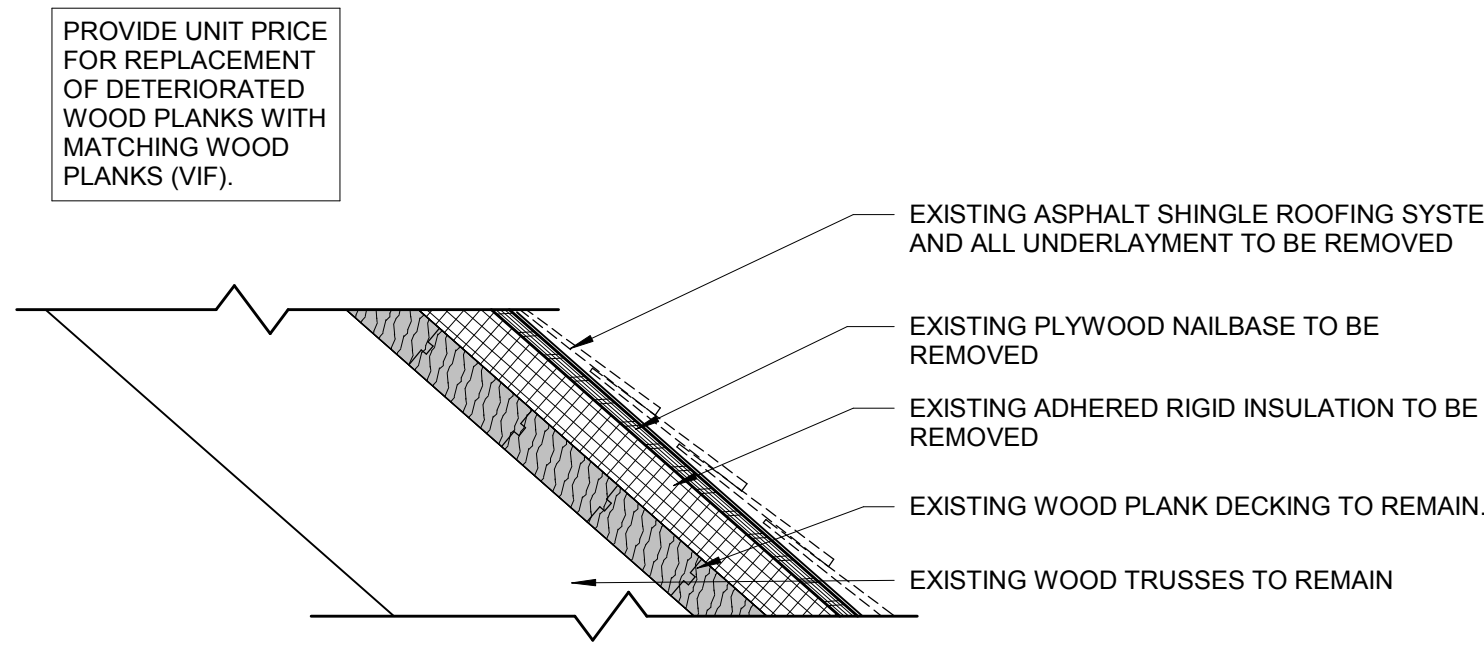
EXISTING ROOF SYSTEM TYPES:



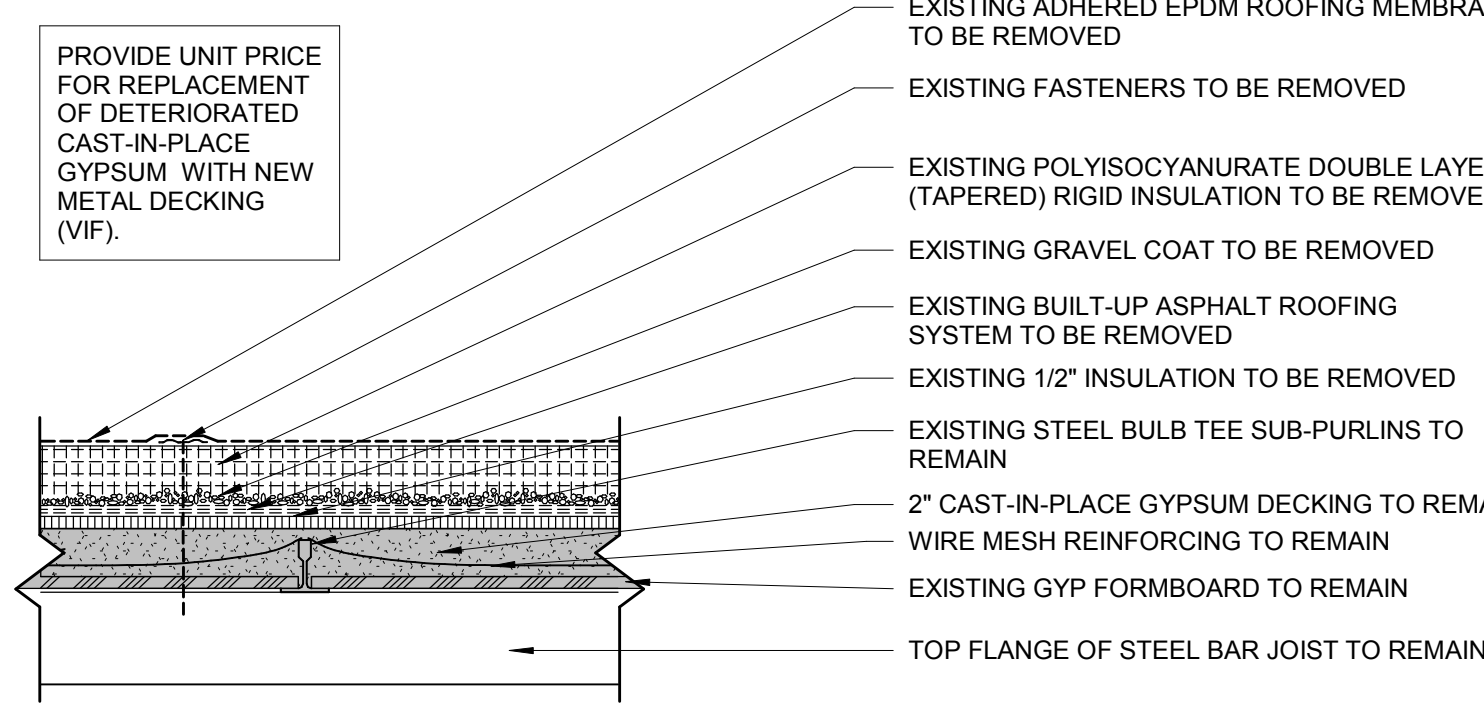
EX5 EXISTING ROOF SYSTEM TYPE EX5



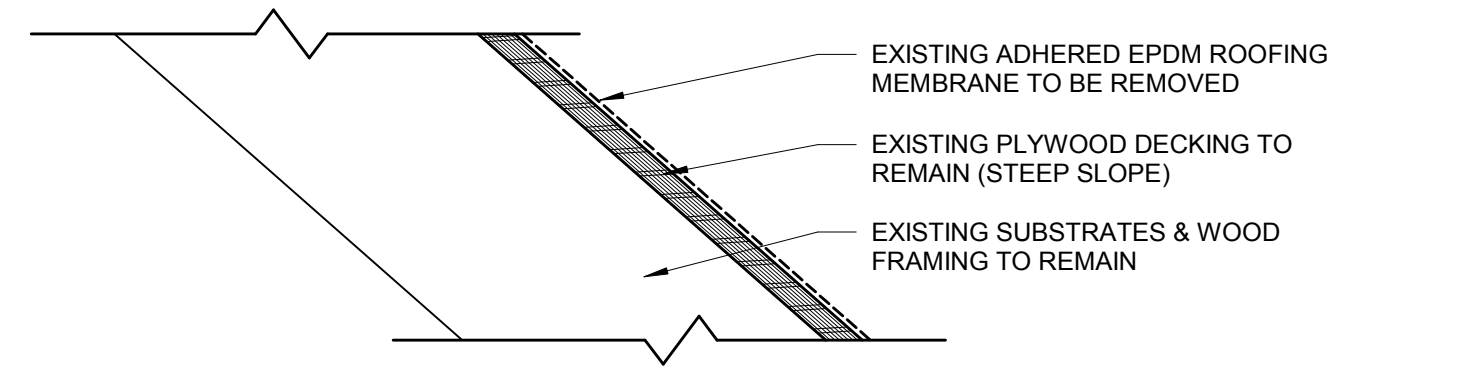
EX1 EXISTING ROOF SYSTEM TYPE EX1



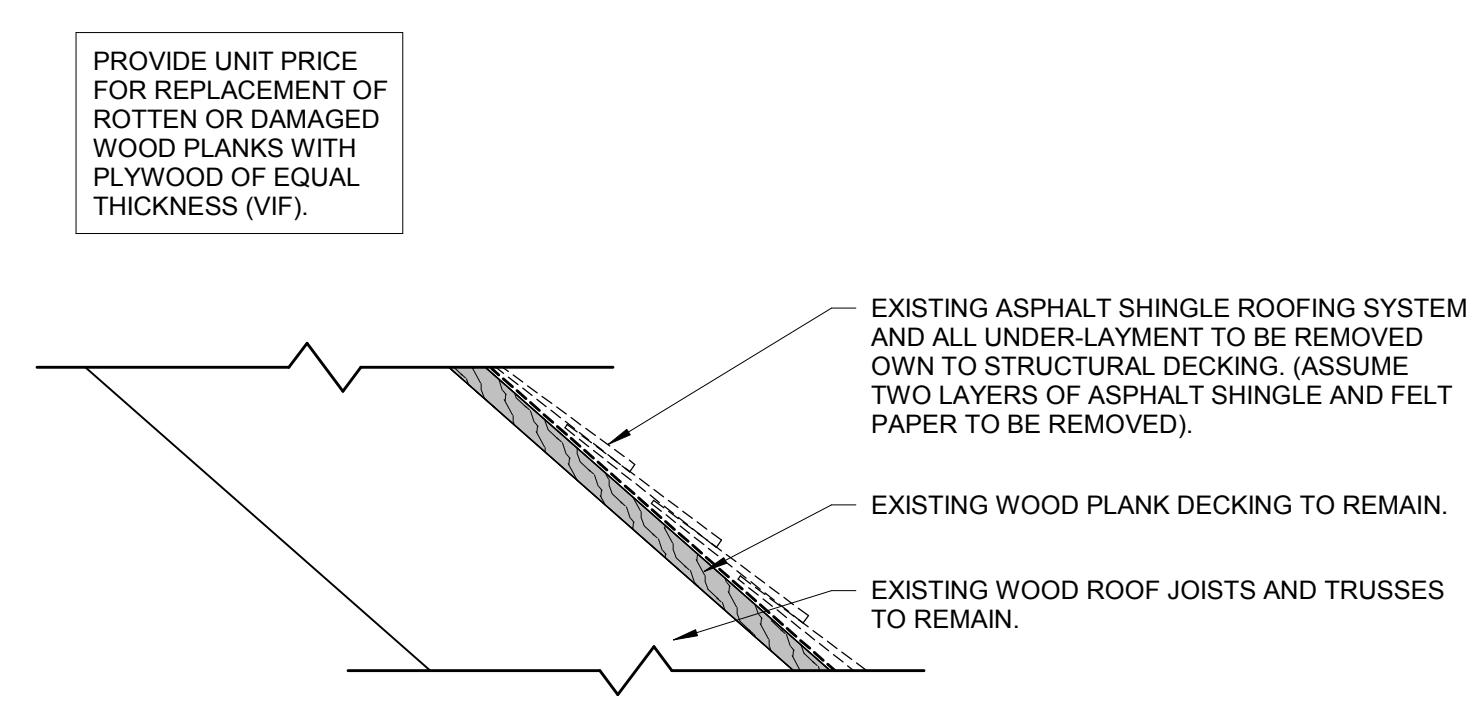
EX6 EXISTING ROOF SYSTEM TYPE EX6



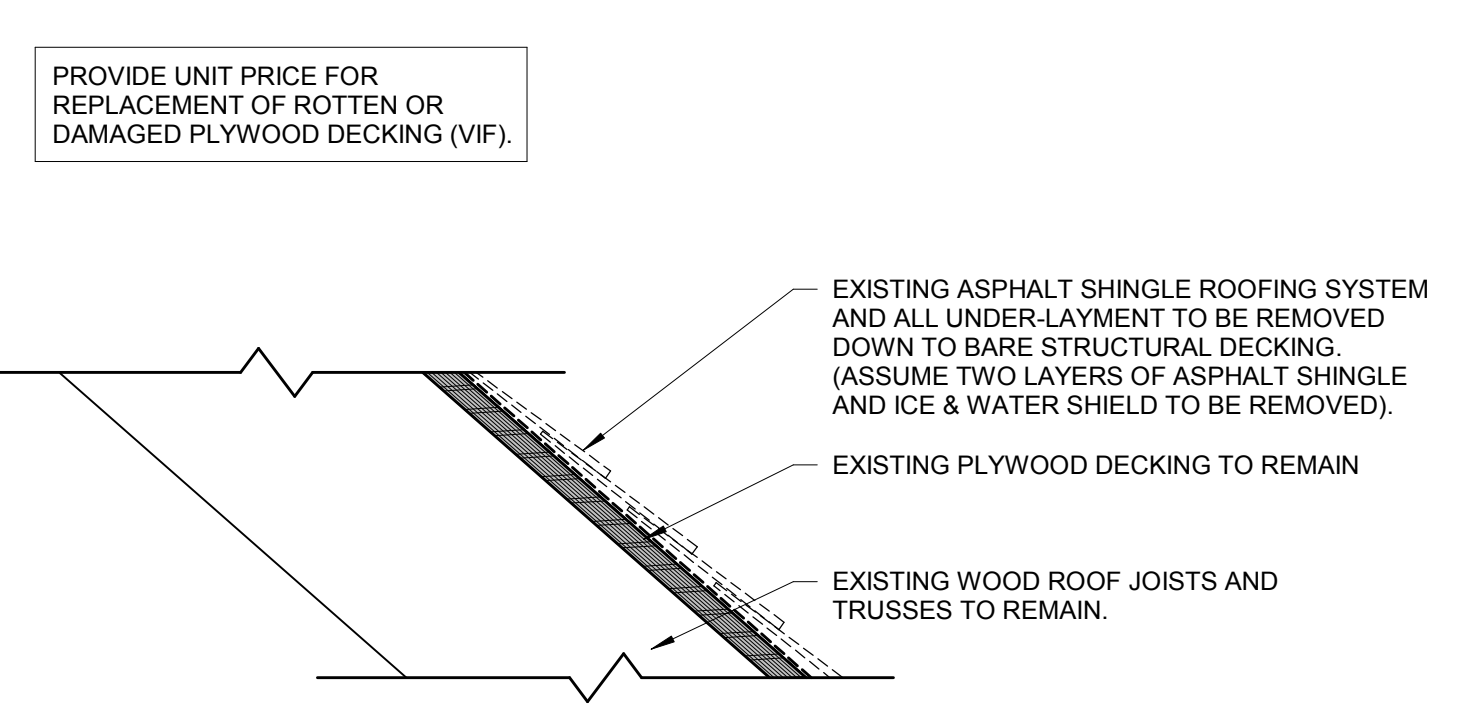
EX2 EXISTING ROOF SYSTEM TYPE EX2



EX7 EXISTING ROOF SYSTEM TYPE EX7



EX3 EXISTING ROOF SYSTEM TYPE EX3



EX4 EXISTING ROOF SYSTEM TYPE EX4

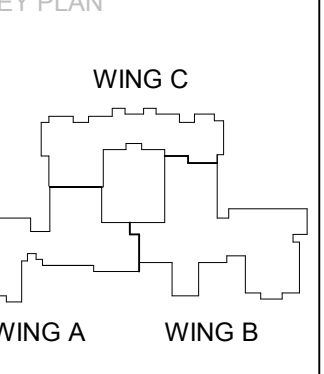
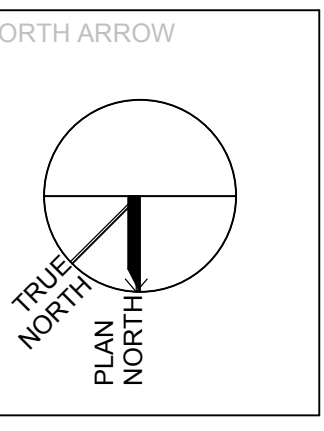
EXISTING ROOF GENERAL NOTES

- REMOVE AND LEGALLY DISPOSE OF ALL EXISTING ROOFING DOWN TO STRUCTURAL DECKING INCLUDING WOOD BLOCKING, METAL FLASHING, INSULATION, FASTENERS, MEMBRANES, MEMBRANE FLASHING, FASCIA, UNDERLAYMENT, VAPOR RETARDERS, GUTTERS, DOWNSPOUTS AND RAIN WATER LEADERS, TYPICAL.
- THE DISCONNECTION OF EXISTING EQUIPMENT SHALL BE PERFORMED BY LICENSED HVAC CONTRACTORS, ELECTRICIANS AND PLUMBERS AS PART OF THE PROJECT SCOPE.
- THE ROOFING CONTRACTOR SHALL PROVIDE ABATEMENT OF FOUND AND KNOWN ASBESTOS CONTAINING MATERIAL AS INDICATED ON THE ACM REPORT BY UNIVERSAL ENVIRONMENTAL CONSULTANTS. AREAS OF ASSUMED ASBESTOS INCLUDE: ROOF CURB TAR/ GRAVEL FLASHINGS, OLD ROOF FLASHING MASTIC, OLD ROOF TAR PAPER, CHIMNEY FLASHING. REFER TO SPECIFICATIONS SECTION 01 3543.
- REMOVE ALL ROOF-RELATED PERIMETER WOOD BLOCKING AND WOOD CURBS TYPICAL.
- REMOVE DETERIORATED STRUCTURAL DECKING FOR REPLACEMENT, TYPICAL. (PLYWOOD, WOOD PLANK, CAST-IN PLACE GYPSUM, AND/OR METAL DECKING). SEE SHEET A-140 FOR SCOPE OF BASE BID WORK AND SPECIFICATIONS FOR UNIT PRICES.
- REMOVE EXISTING HEAT TRACE CABLE, EXCEPT AT LIBRARY ROOF.
- REMOVE ALL EXISTING SNOW GUARDS.
- REFER TO DRAWING A-140 FOR ROOF SLOPES AT SHINGLED ROOF AREAS.

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REVISION	DATE	BY	REMARKS
1	08/02/17	ADDENDUM	

PROJECT NO: 1614.02
DATE: 05/24/17
SCALE: As indicated
DRAWN BY: Author
CHECKED BY: Checker

OVERALL ROOF PLAN - EXISTING / DEMOLITION

AD-140

ROOF PLAN GENERAL NOTES

1. THE INFORMATION SHOWN ON THIS DRAWING WAS COMPILED FROM VARIOUS SOURCES AND MAY NOT REFLECT ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND NOTIFY THE ARCHITECT OF ANY SUBSTANTIAL DISCREPANCIES PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS SHOWN (+/-) ON ROOF PLANS SHALL BE VERIFIED IN THE FIELD.
3. ANY CONDITION NOT FOUND DETAILED SHALL BE CONSTRUCTED IN A MANNER SIMILAR TO THAT OF THE ROOF MANUFACTURERS TYPICAL DETAILS.
4. ALL MATERIALS SHOWN ON THE ROOFING PLAN AND DETAILS ARE NEW UNLESS OTHERWISE NOTED.
5. ALL EQUIPMENT, PIPES, WIRES AND STRUCTURE TO BE PROTECTED DURING CONSTRUCTION. ALL ELECTRICAL AND HVAC EQUIPMENT REQUIRING RECONNECTION FOR INSTALLATION OF NEW ROOF SHALL BE PERFORMED BY LICENSED ELECTRICIANS, PLUMBERS AND HVAC CONTRACTORS.
6. REINSTALL ROOF TOP EQUIPMENT TO MAINTAIN ROOF MEMBRANE MANUFACTURER'S MINIMUM FLASHING HEIGHT REQUIREMENTS.
7. PROVIDE NEW PRESSURE TREATED WOOD BLOCKING AND CURBS, TYPICAL.
8. ALL EXISTING WOOD DECKING SHALL BE PRIMED.
9. REPLACE DETERIORATED STEEL DECKING, TYPICAL. FIELD VERIFY CONDITION. PROVIDE UNIT PRICE FOR WORK AND INCLUDE 500 SF IN THE BASE BID.
10. REPLACE DETERIORATED GYPSUM DECK WITH STEEL DECKING, TYPICAL. FIELD VERIFY CONDITION. PROVIDE UNIT PRICE FOR WORK AND INCLUDE 1,200 SF IN THE BASE BID.
11. REPLACE DETERIORATED PLYWOOD DECKING, TYPICAL. FIELD VERIFY CONDITION. PROVIDE UNIT PRICE FOR WORK AND INCLUDE 1,000 SF IN THE BASE BID.
12. REPLACE DETERIORATED WOOD PLANK DECKING, TYPICAL. FIELD VERIFY CONDITION. PROVIDE UNIT PRICE FOR WORK AND INCLUDE 500 SF IN THE BASE BID.
13. THE EXISTING ENGINEERED STORM DRAINAGE SYSTEM & RAIN WATER LEADERS TO BE CHECKED FOR WORKING CONDITION AND CLEANED BY CONTRACTOR.
14. PROVIDE CRICKETS AT ALL ROOFTOP OBSTRUCTIONS TO DRAINAGE GREATER THAN 30".
15. REPLACE WOOD SLEEPERS AT CONDENSING UNITS WITH PRESSURE TREATED WOOD BLOCKING PER C2 / A-501.



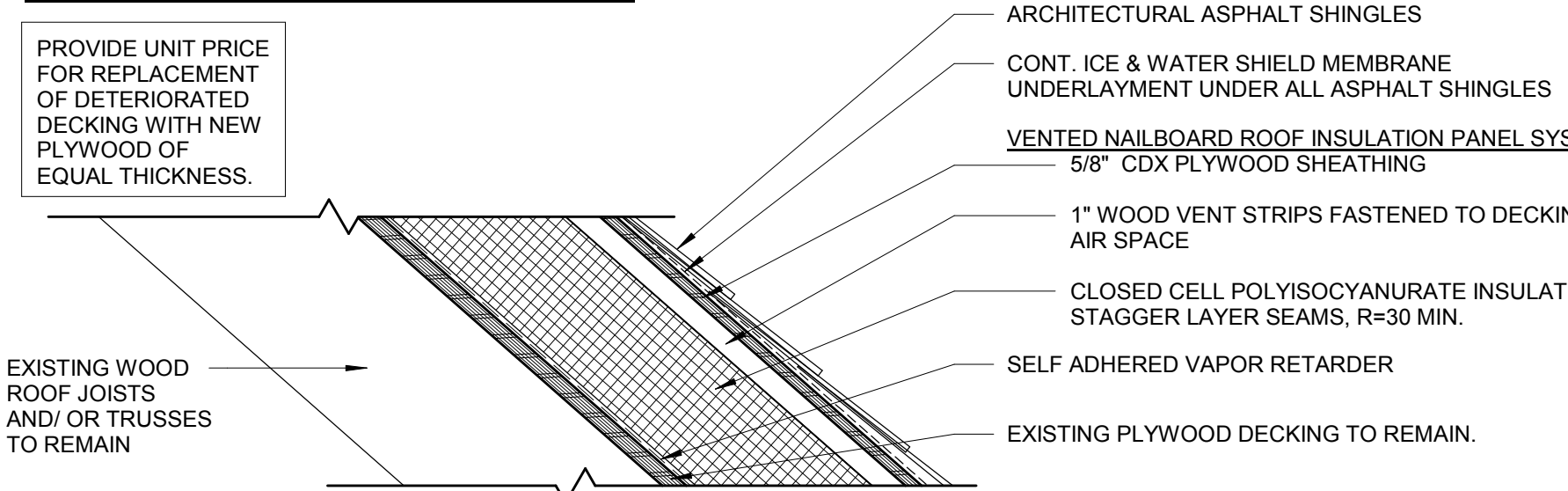
ROOF PLAN LEGEND - NEW WORK, TYPICAL

- | | |
|---|---|
| <p> NEW MEMBRANE ON STEEP SLOPE</p> <p> NEW PVC MEMBRANE ROOFING SYSTEM (LOW SLOPE)</p> <p> NEW PVC CRICKET ROOFING SYSTEM (LOW SLOPE 1/2" PER FOOT)</p> <p> NEW ASPHALT SHINGLE ROOFING SYSTEM (STEEP SLOPE)</p> <p> ROOF SYSTEM TYPE INDICATOR</p> <p> EXISTING VENT PIPE (VTR) WITH NEW FLASHING - EXTEND TO 8" MINIMUM ABOVE NEW ROOFING, AS REQUIRED</p> <p> EXISTING EXHAUST FAN UNIT (EF) TO BE REINSTALLED ON NEW CURB. NEW FLASHING AT ELEC. PENETRATION</p> <p> CONDENSING UNIT</p> <p> ROOFTOP UNIT</p> <p> NEW ROOF DRAIN</p> <p> ELEVATION MARKER - RELATIVE TO MAIN ROOF LEVEL @ 100'-0" (CALLED)</p> <p>LOW HIGH SLOPE INDICATOR</p> <p> NEW WALL BASE FLASHING</p> | <p> NEW ROOF EXPANSION JOINT - FURNISH & INSTALL</p> <p> NEW DOWNSPOUT & PREFABRICATED ALUMINUM RAIN WATER LEADER. CONNECT TO EXISTING PERIMETER DRAINAGE SYSTEM</p> <p> REINSTALL EXISTING ROOF HATCH ON NEW BLOCKING. SAFETY RAILINGS ON 3 SIDES AND GATE</p> <p> PROVIDE NEW EIFS CLADDING ON ALL 4 SIDES OF EXISTING FALSE CHIMNEY. NEW METAL CAP AND BASE FLASHINGS</p> <p> PATCH STUCCO AND REPAINT EXISTING FALSE CHIMNEY. PROVIDE NEW METAL BASE FLASHINGS AT ASPHALT ROOF</p> <p> NEW PITCH POCKET</p> <p> WALKWAY PAD, FULLY ADHERED WITH HOT-AIR WELDED EDGES</p> <p> NEW PREFABRICATED METAL SCUPPER/COLLECTOR BOX</p> <p> LINEAR OFF-RIDGE AIR INTAKE VENT</p> <p> NEW GUTTER PREFAB. ALUM</p> <p> EXISTING HEAT TRACE CABLING</p> |
|---|---|

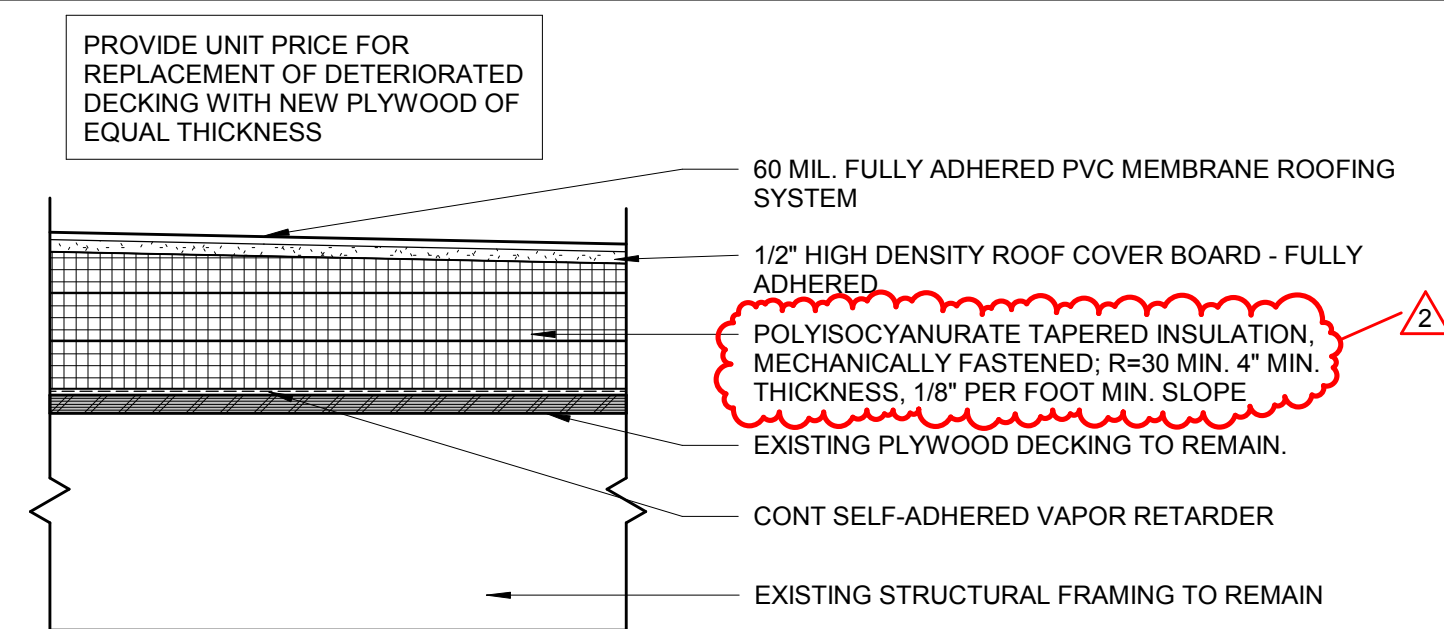
A1 ROOF PLAN - OVERALL - NEW CONSTRUCTION

1/16" = 1'-0"

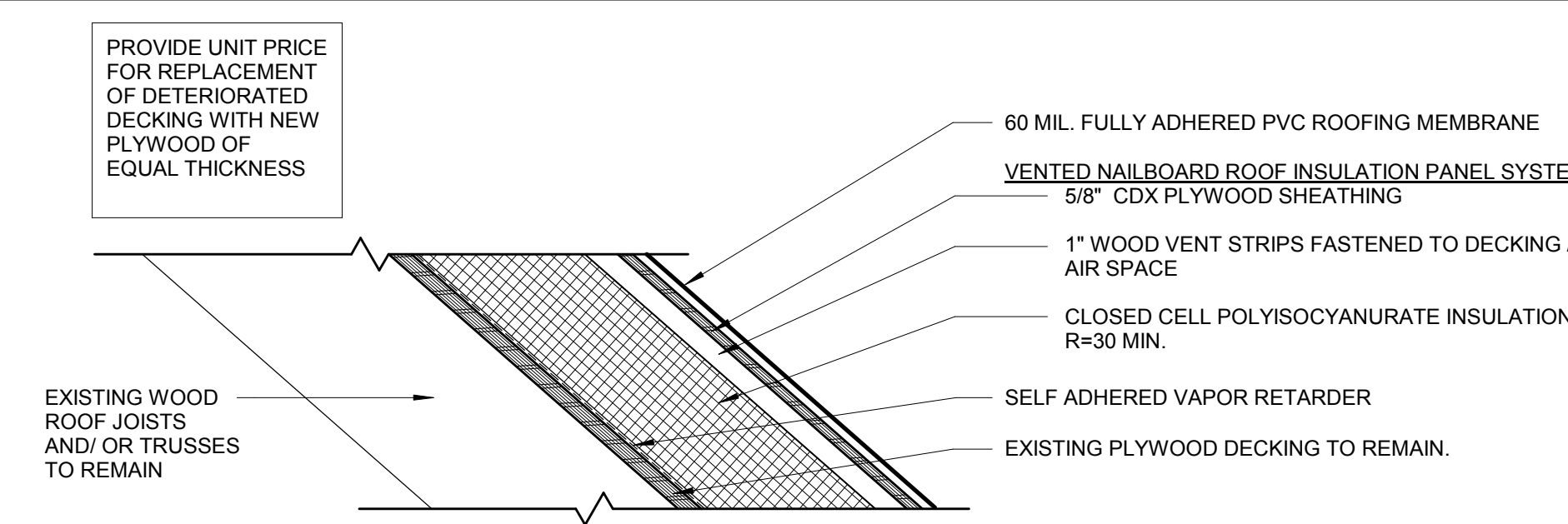
NEW ROOF SYSTEM TYPES:



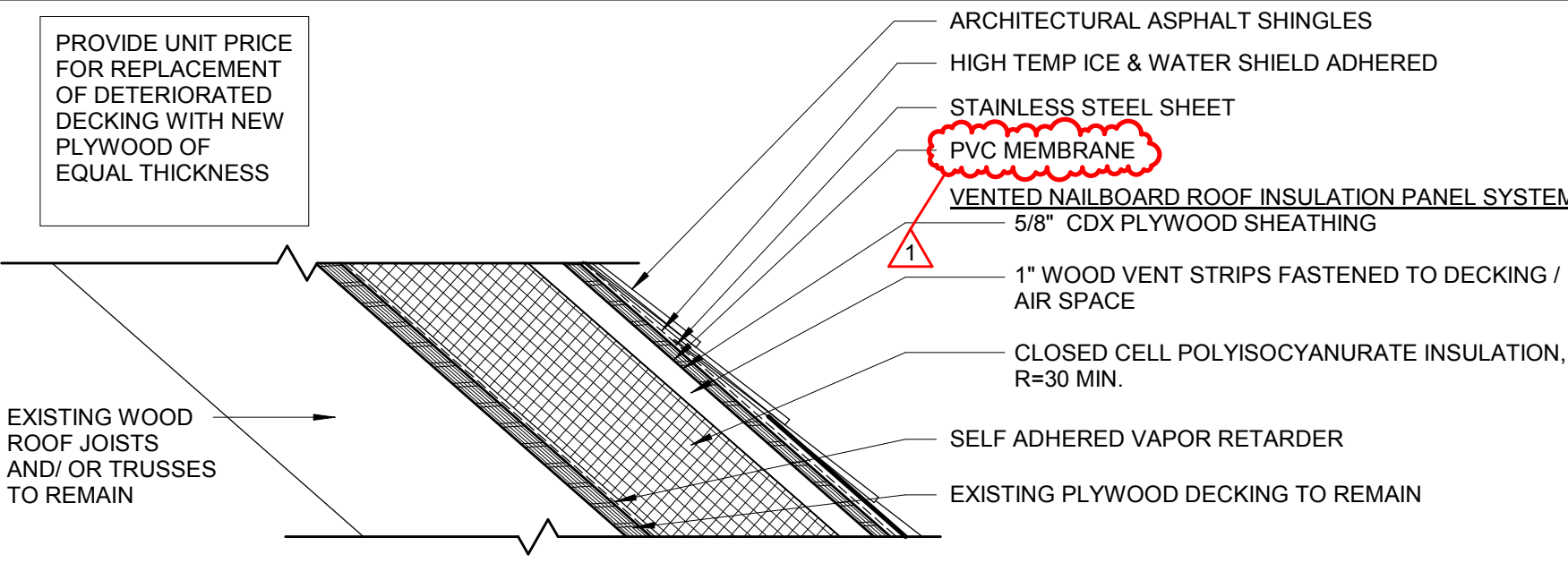
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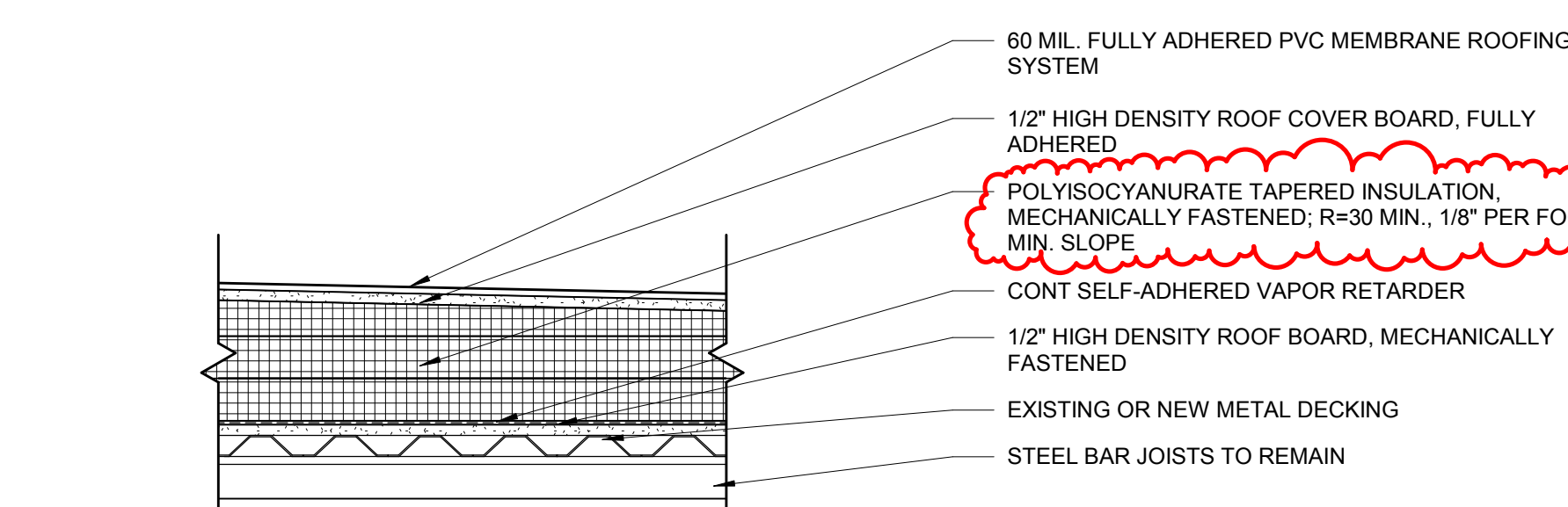
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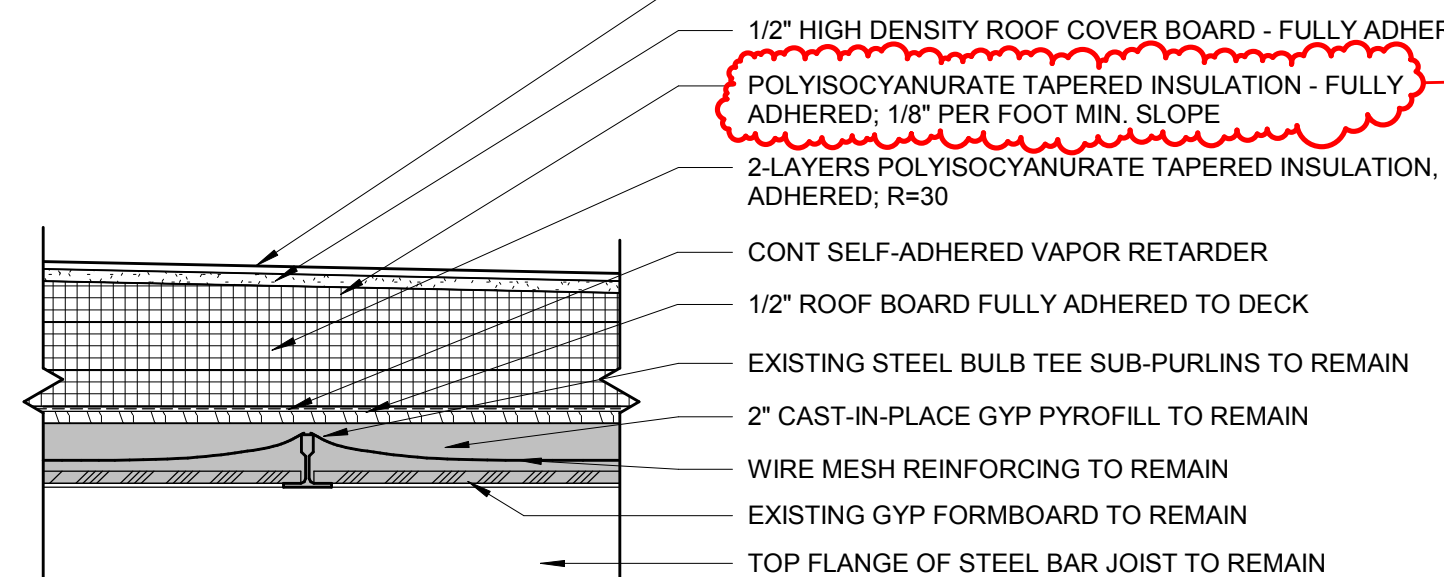
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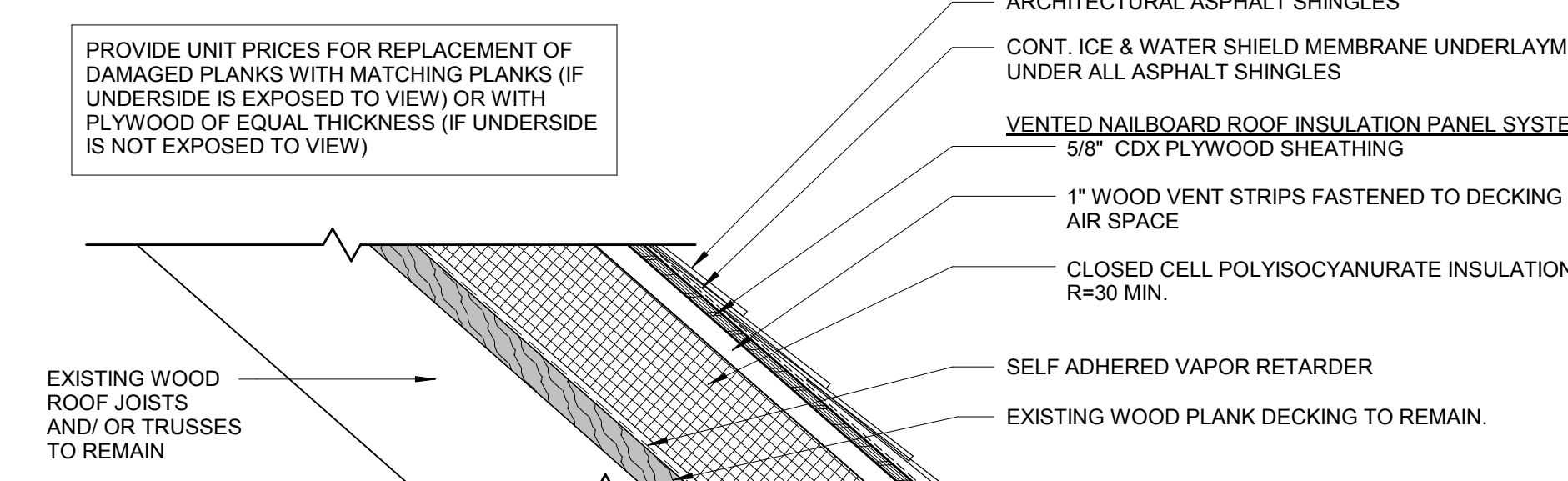
R7 ROOF SYSTEM TYPE R7



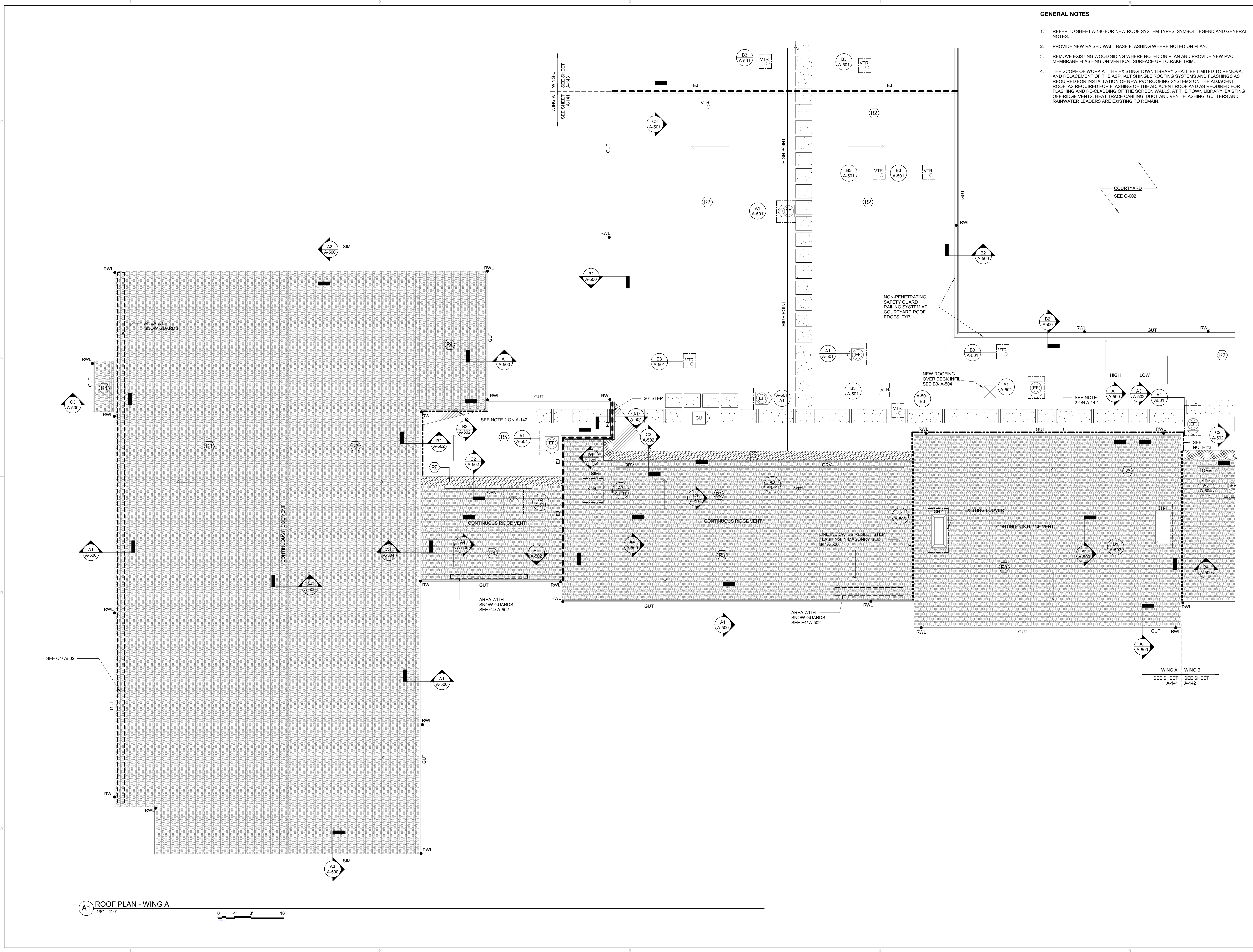
R1 ROOF SYSTEM TYPE R1



R2 ROOF SYSTEM TYPE R2



R3 ROOF SYSTEM TYPE R3

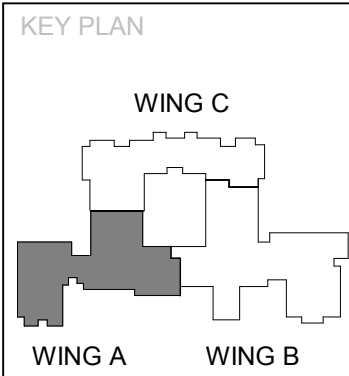
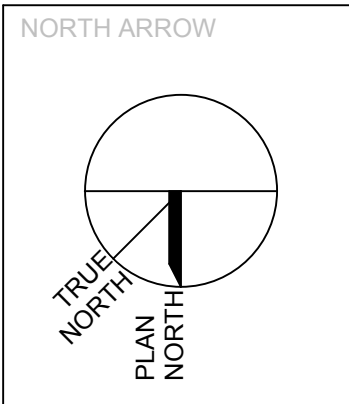


- GENERAL NOTES**
1. REFER TO SHEET A-140 FOR NEW ROOF SYSTEM TYPES, SYMBOL LEGEND AND GENERAL NOTES.
 2. PROVIDE NEW RAISED WALL BASE FLASHING WHERE NOTED ON PLAN.
 3. REMOVE EXISTING WOOD SIDING WHERE NOTED ON PLAN AND PROVIDE NEW PVC MEMBRANE FLASHING ON VERTICAL SURFACE UP TO RAKE TRIM.
 4. THE SCOPE OF WORK AT THE EXISTING TOWN LIBRARY SHALL BE LIMITED TO REMOVAL AND REPLACEMENT OF THE ASPHALT SHINGLE ROOFING SYSTEMS AND FLASHINGS AS REQUIRED FOR INSTALLATION OF NEW PVC ROOFING SYSTEMS ON THE ADJACENT ROOF. AS REQUIRED FOR FLASHING OF THE ADJACENT ROOF AND AS REQUIRED FOR FLASHING AND RE-CLADDING OF THE SCREEN WALLS. AT THE TOWN LIBRARY, EXISTING OFF-RIDGE VENTS, HEAT TRACE CABLE, DUCT AND VENT FLASHING, GUTTERS AND RAINWATER LEADERS ARE EXISTING TO REMAIN.

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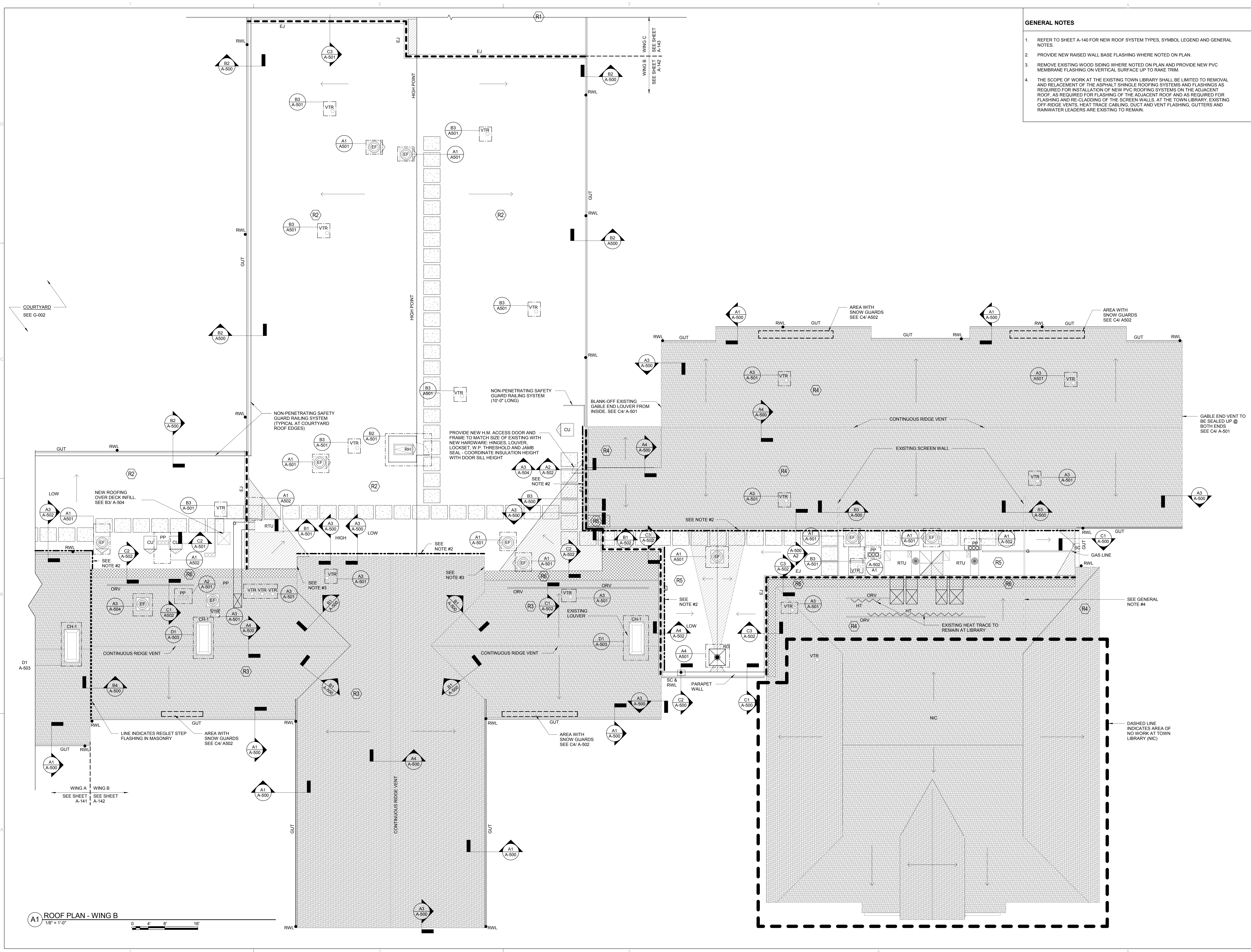
REVISION	DATE	BY	DESCRIPTION
MARK	05/24/17	BIO	DOCUMENTS

PROJECT NO: 1614.02
DATE: 05/24/17
SCALE: As indicated
DRAWN BY: Author
CHECKED BY: Checker

ROOF PLAN - WING
A - NEW

A-141

5/23/2017 2:45:18 PM



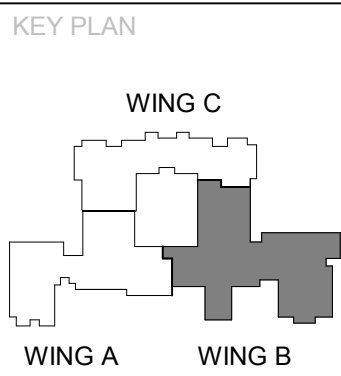
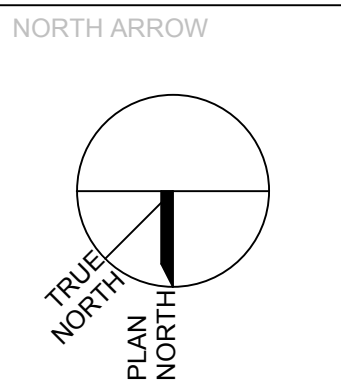
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ROOF REPLACEMENT
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REVISION	DATE	BY	DESCRIPTION
1	05/24/17	BD	ISSUED FOR PERMIT

PROJECT NO: 1614.02
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ROOF PLAN - WING B - NEW

A-142

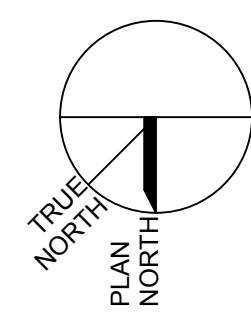
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FAX: 781.871.9855
info@h-a.com

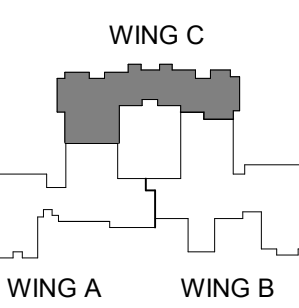
STAMP

CONSULTANT

NORTH ARROW



KEY PLAN



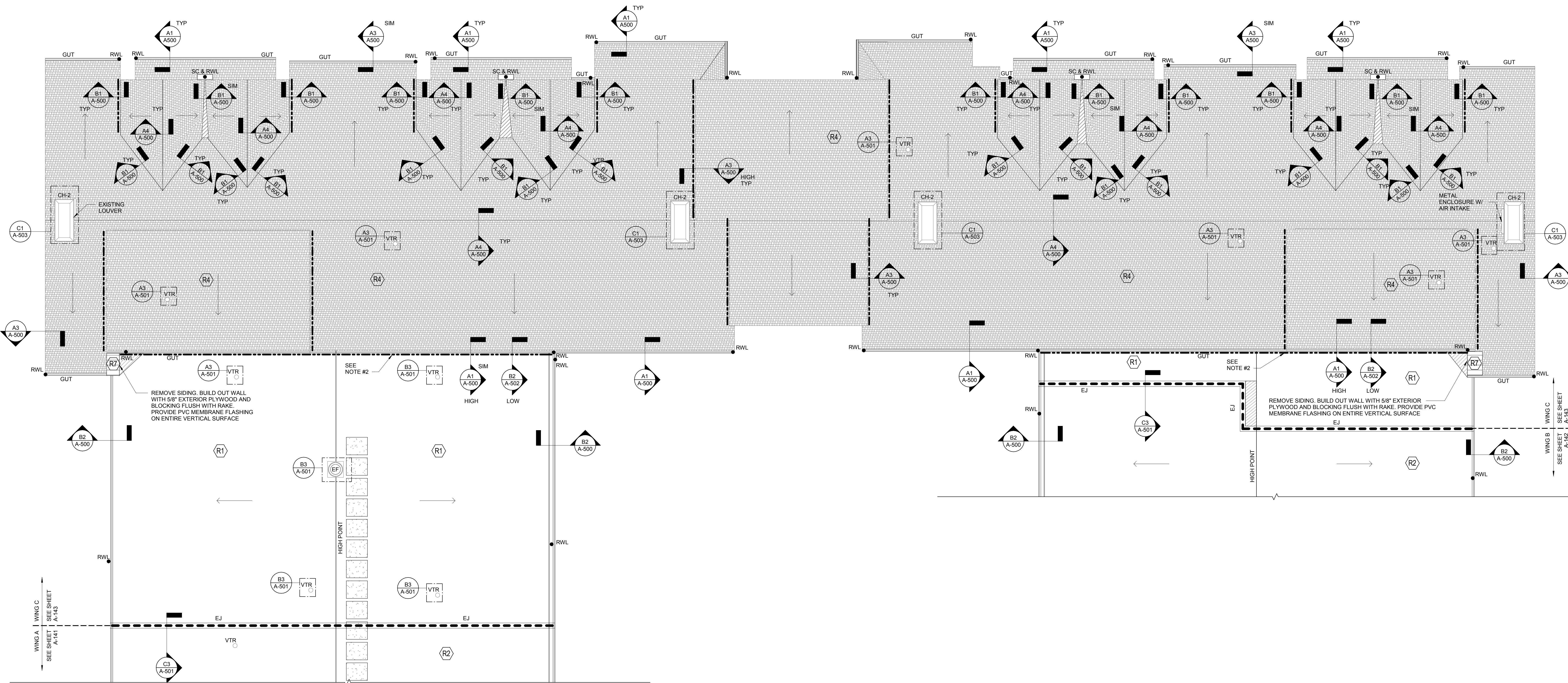
MSBA ACCELERATED REPAIR PROGRAM
ROOF REPLACEMENT
HALIFAX ELEMENTARY SCHOOL
464 PLYMOUTH STREET HALIFAX, MA 02338

REVISION	DATE	BY	DESCRIPTION
MARK	02/21/17	BIO	DOCUMENTS

PROJECT NO: 1614.02
DATE: 05/24/17
SCALE: As indicated
DRAWN BY: Author
CHECKED BY: Checker

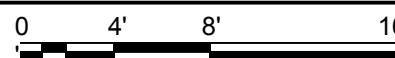
ROOF PLAN - WING C - NEW

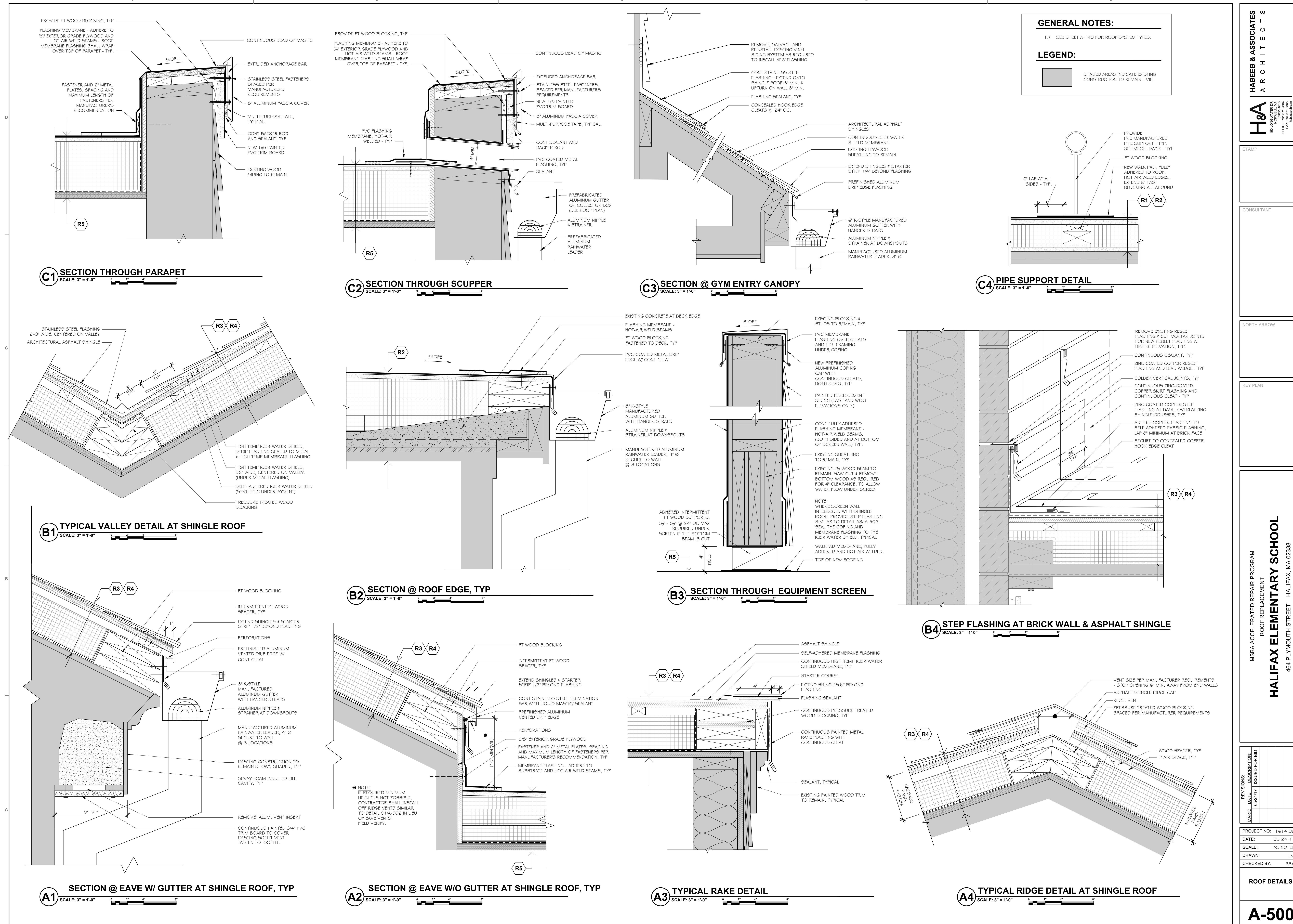
A-143



A1 ROOF PLAN - WING C

1/8" = 1'-0"





GENERAL NOTES:

1.) SEE SHEET A-140 FOR ROOF SYSTEM TYPES.

LEGEND:

SHADED AREAS INDICATE EXISTING CONSTRUCTION TO REMAIN - V.P.

STAMP

CONSULTANT

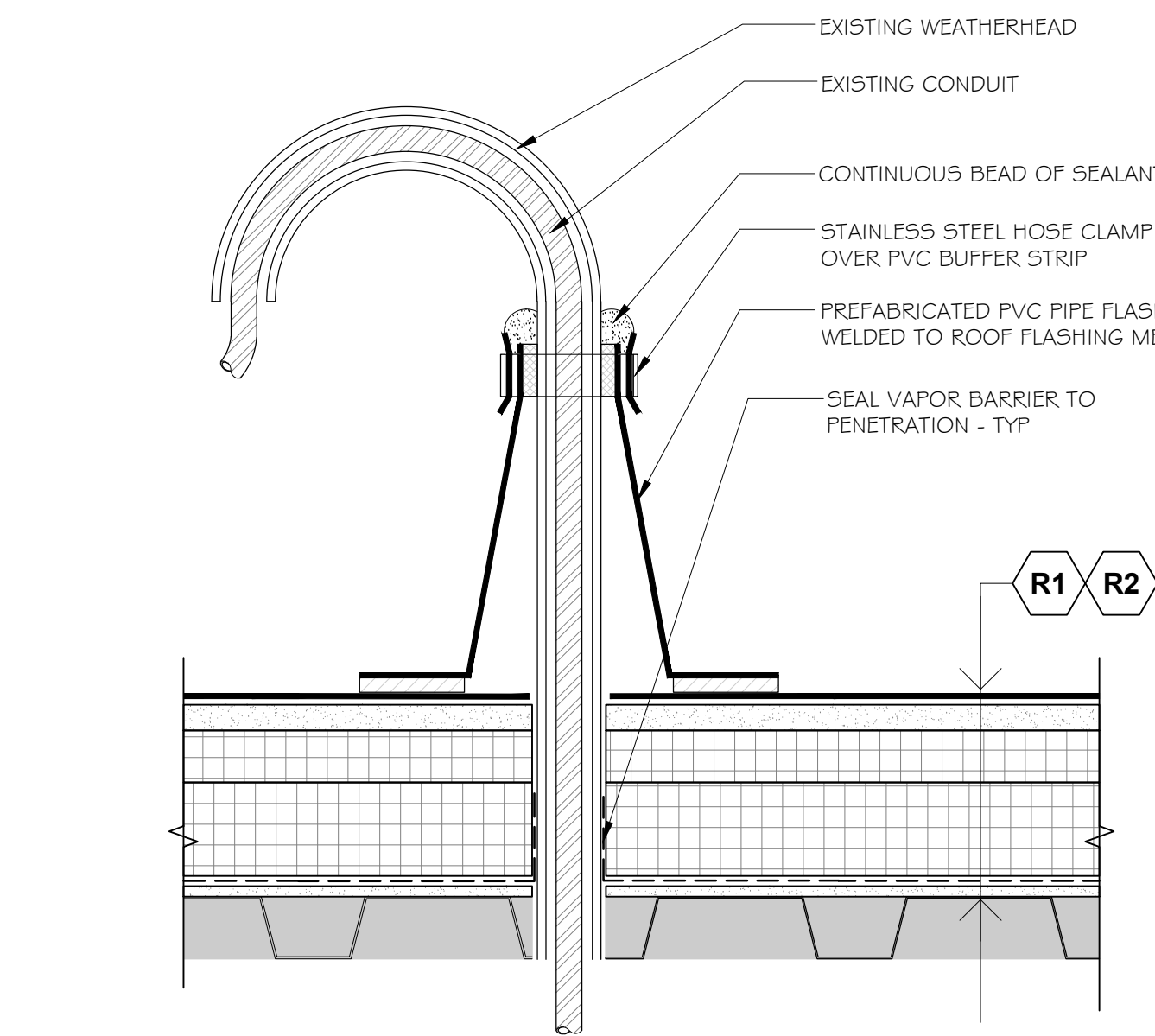
NORTH ARROW

KEY PLAN

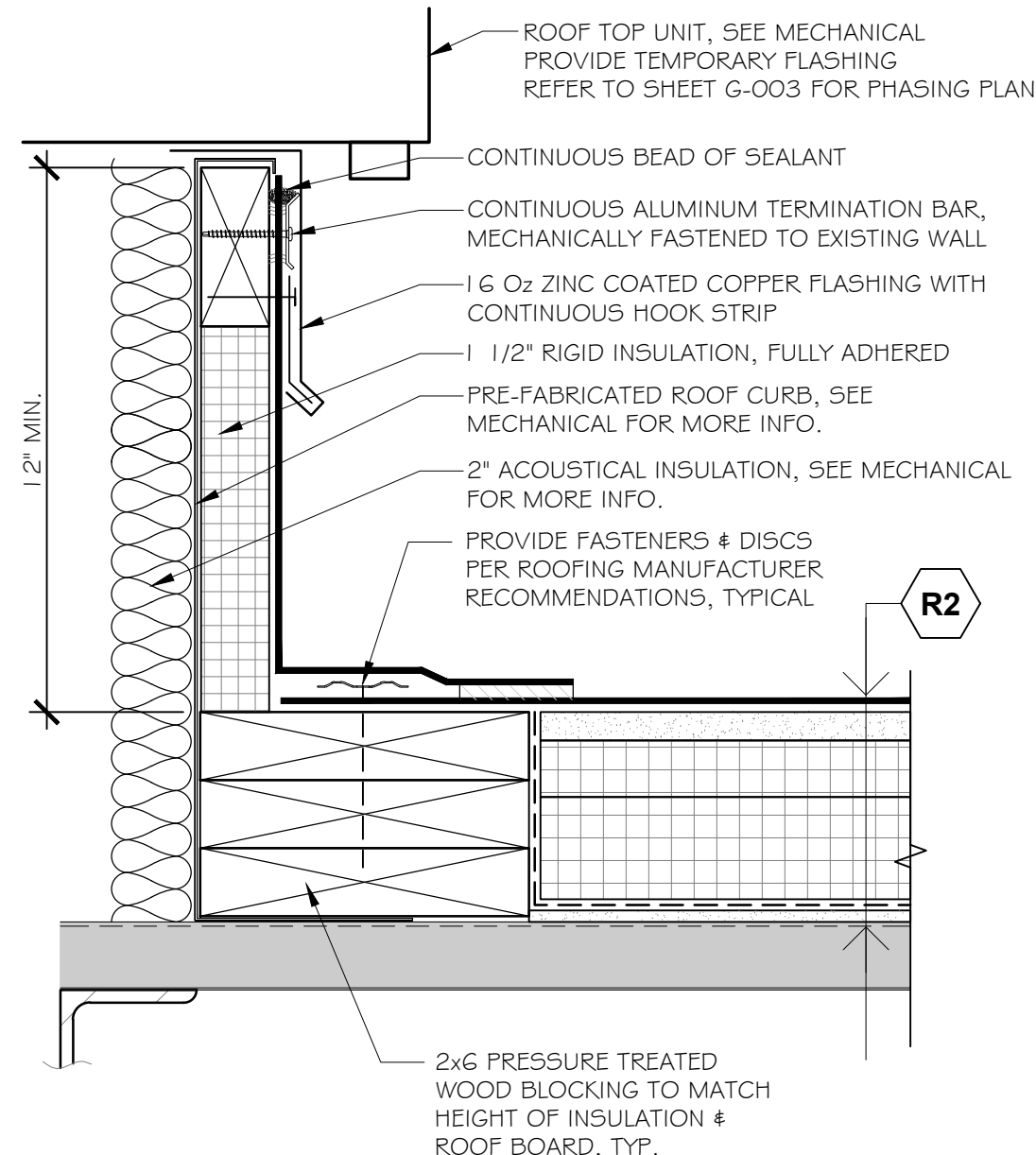
REVISIONS:	DATE:	DESCRIPTION:
MARK:	05/24/17	ISSUED FOR BID

PROJECT NO:	1614.02
DATE:	05-24-17
SCALE:	AS NOTED
DRAWN:	LM
CHECKED BY:	5BA

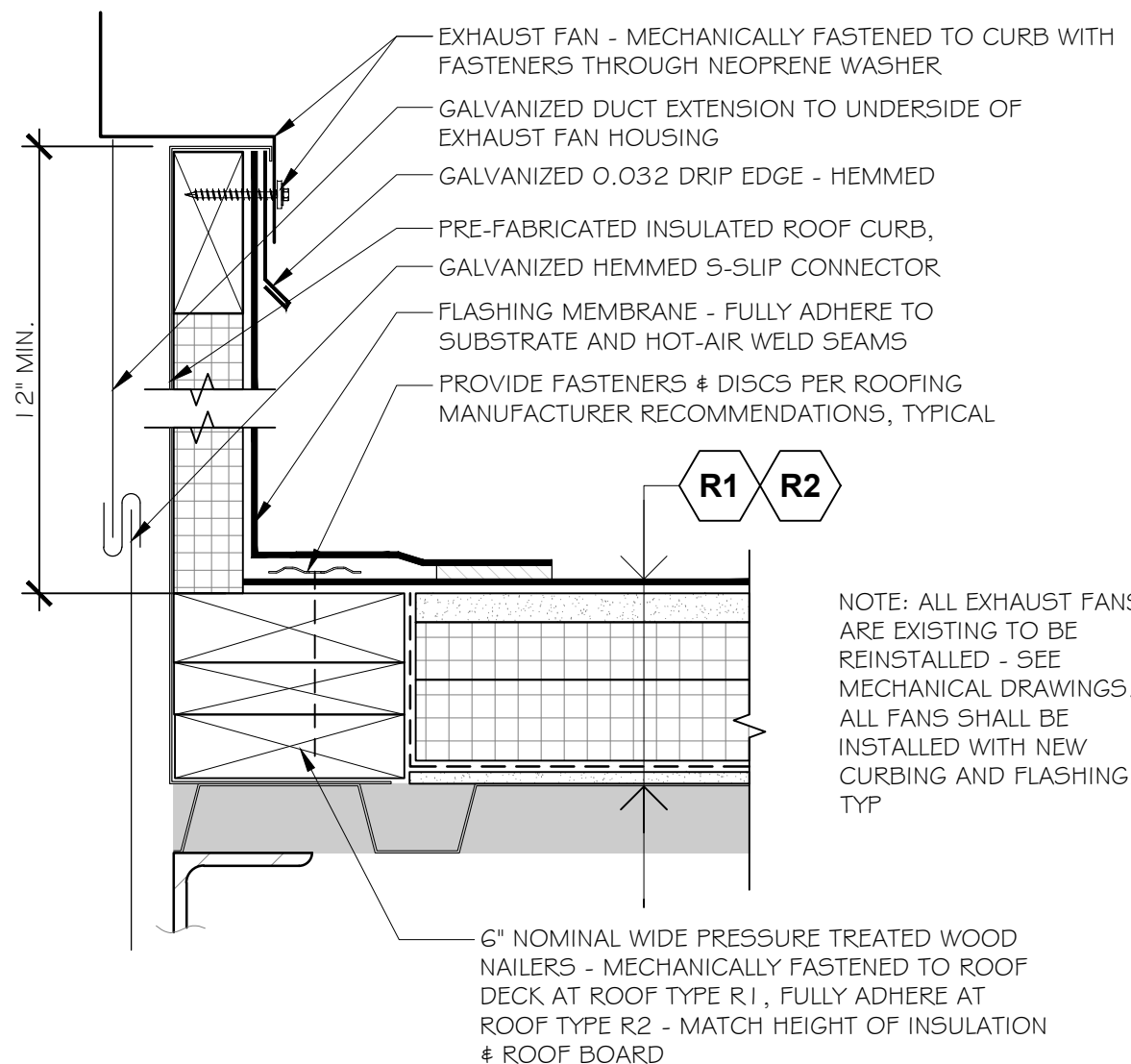
ROOF DETAILS



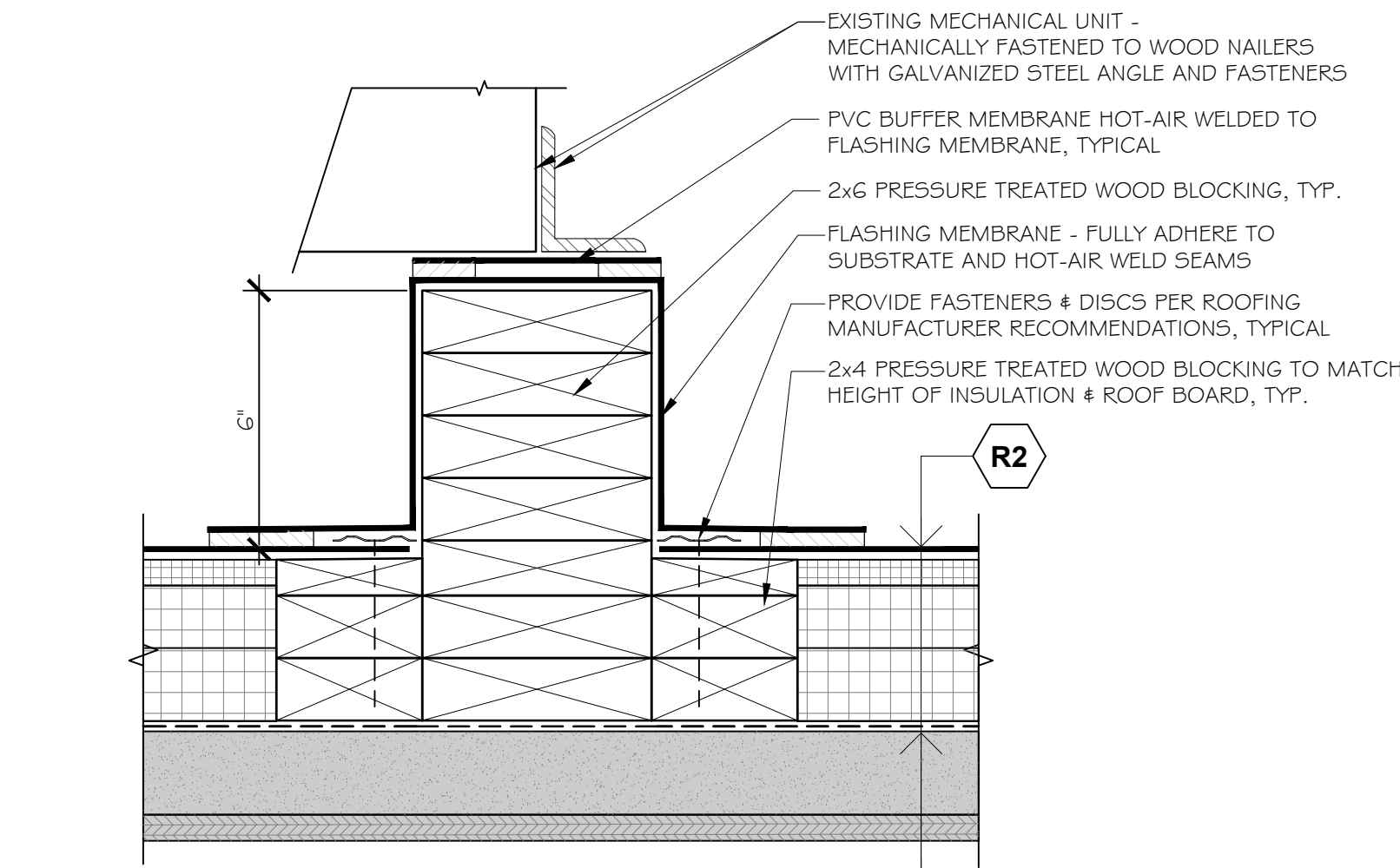
C1 TYPICAL ELECTRICAL PENETRATION
SCALE: 3" = 1'-0"



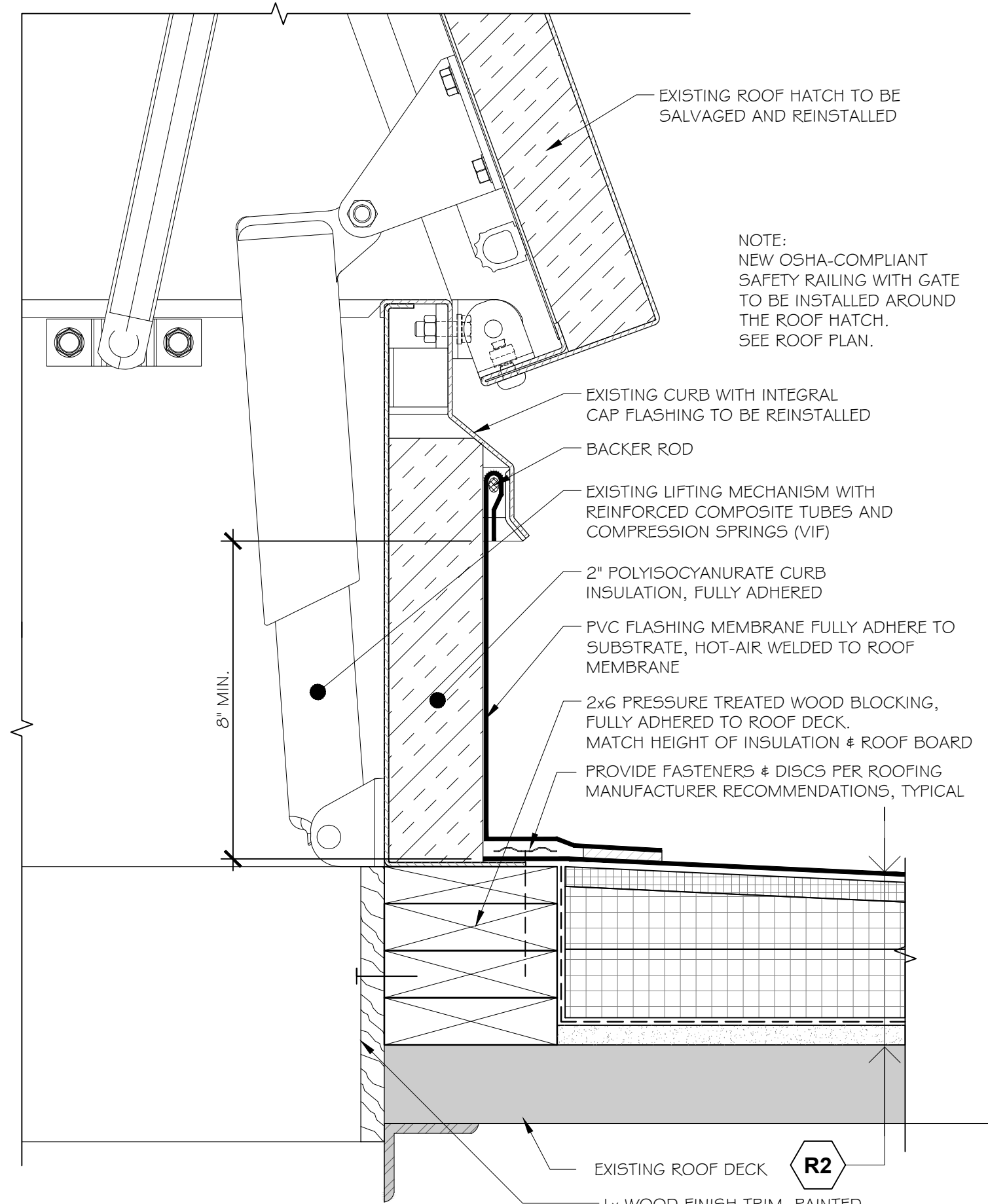
B1 RTU CURB DETAIL
SCALE: 3" = 1'-0"



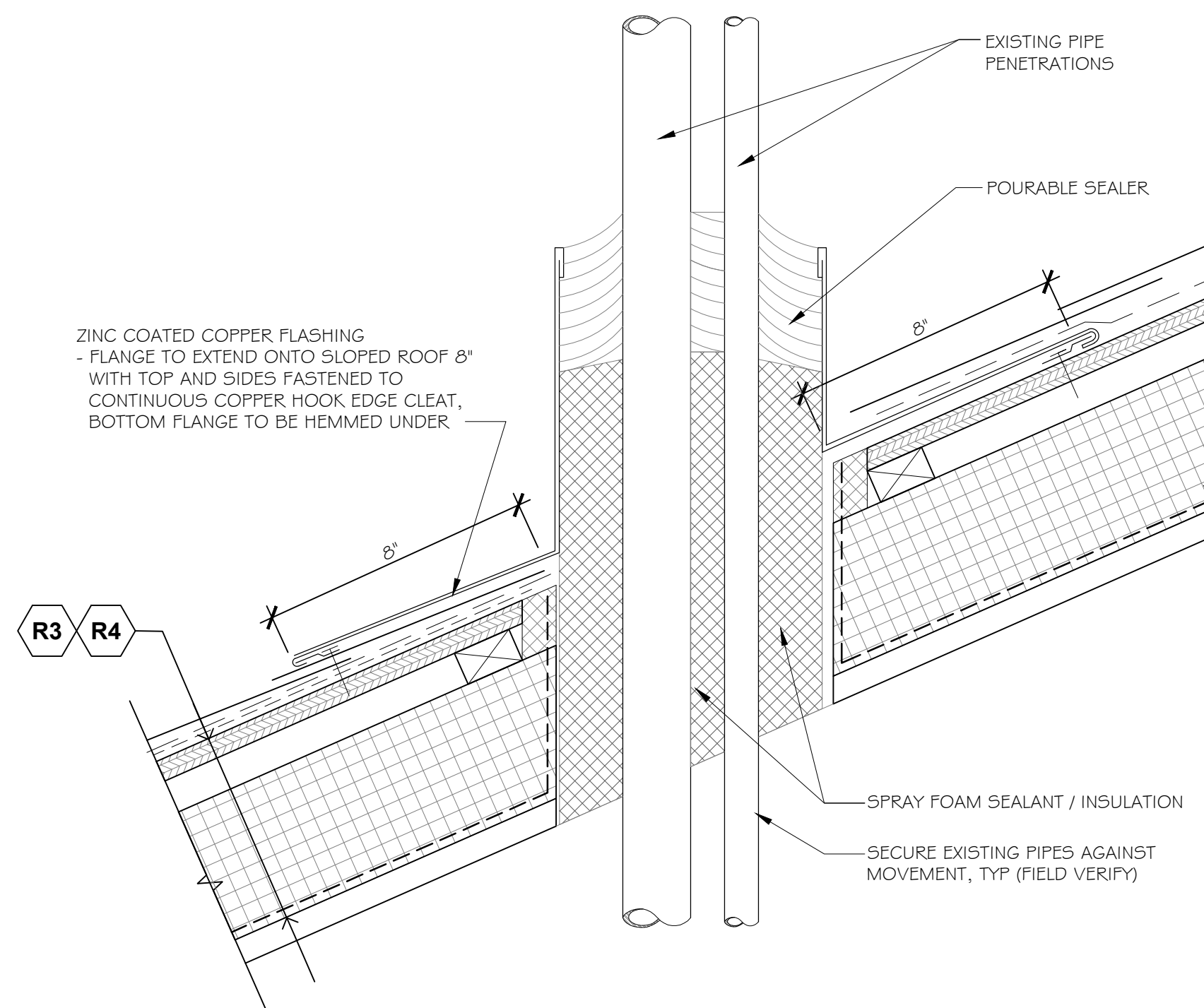
A1 TYPICAL EXHAUST FAN CURB DETAIL
SCALE: 3" = 1'-0"



C2 TYP. PROTECTED WOOD SLEEPER FLASHING
SCALE: 3" = 1'-0"



B2 ROOF HATCH FLASHING DETAIL
SCALE: 3" = 1'-0"



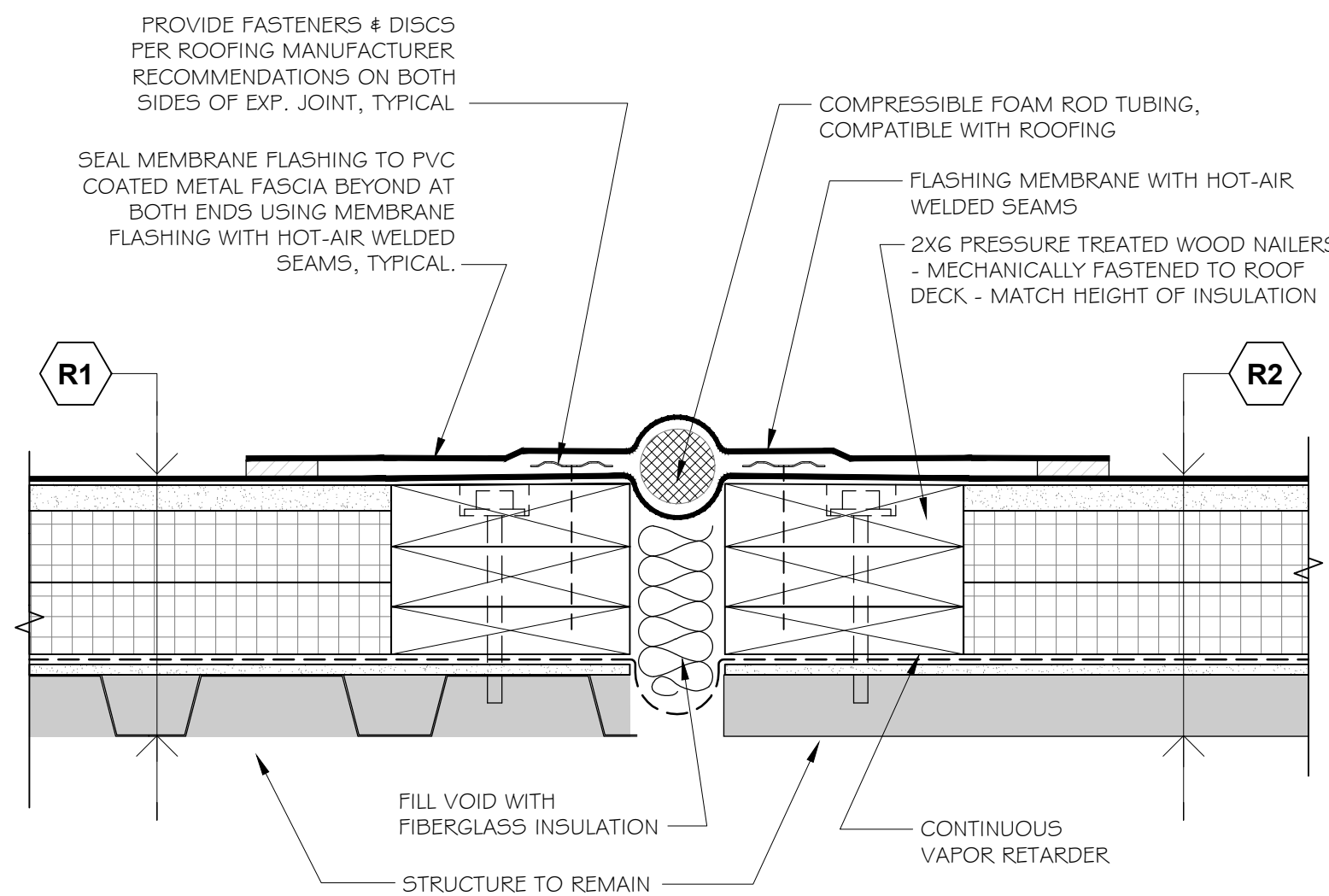
A2 PITCH POCKET IN SHINGLE ROOF, TYP
SCALE: 3" = 1'-0"

GENERAL NOTES:

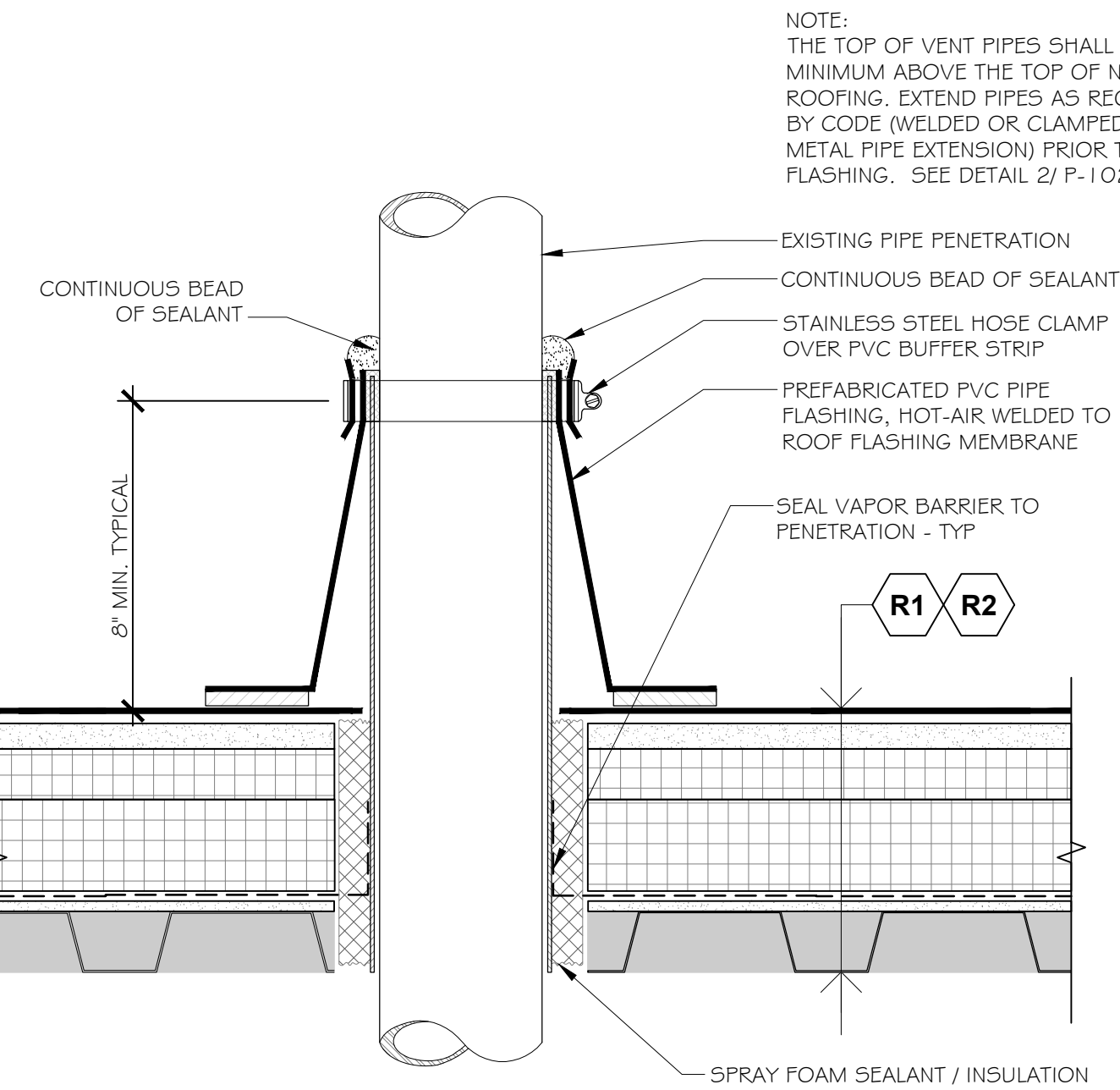
1.) SEE SHEET A-140 FOR ROOF SYSTEM TYPES.

LEGEND:

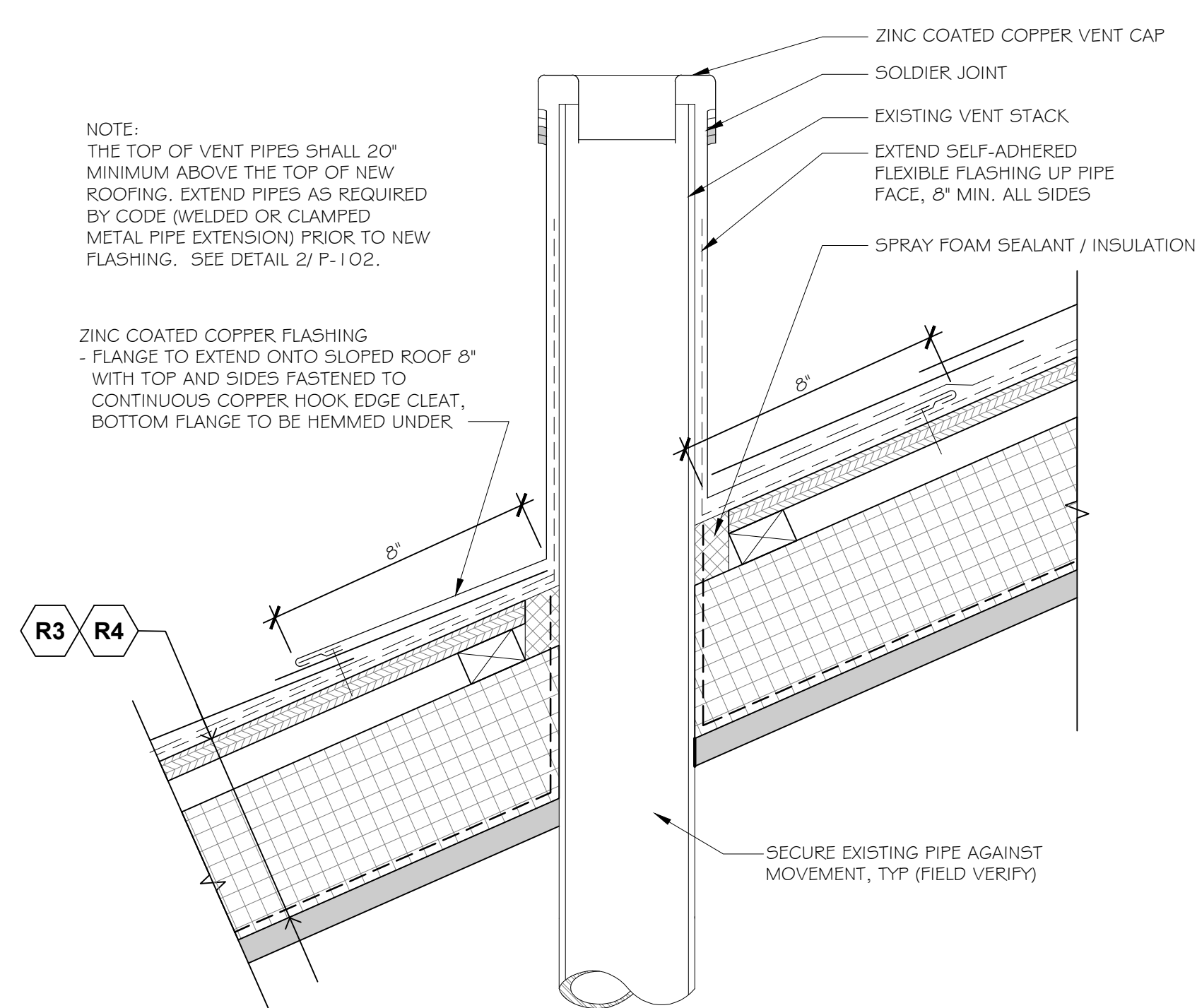
SHADED AREAS INDICATE EXISTING CONSTRUCTION TO REMAIN - VIF.



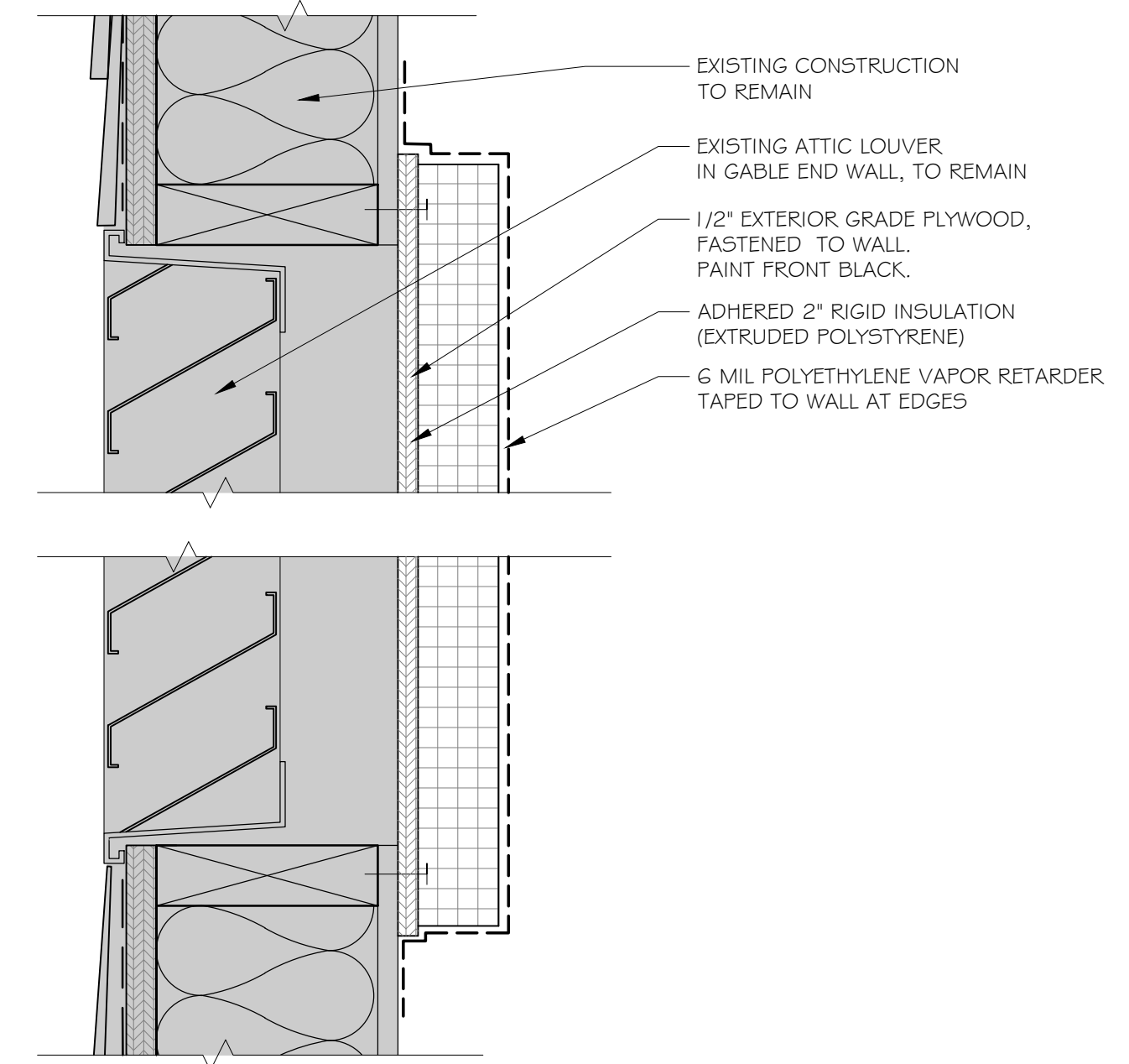
C3 ROOF EXPANSION JOINT DETAIL
SCALE: 3" = 1'-0"



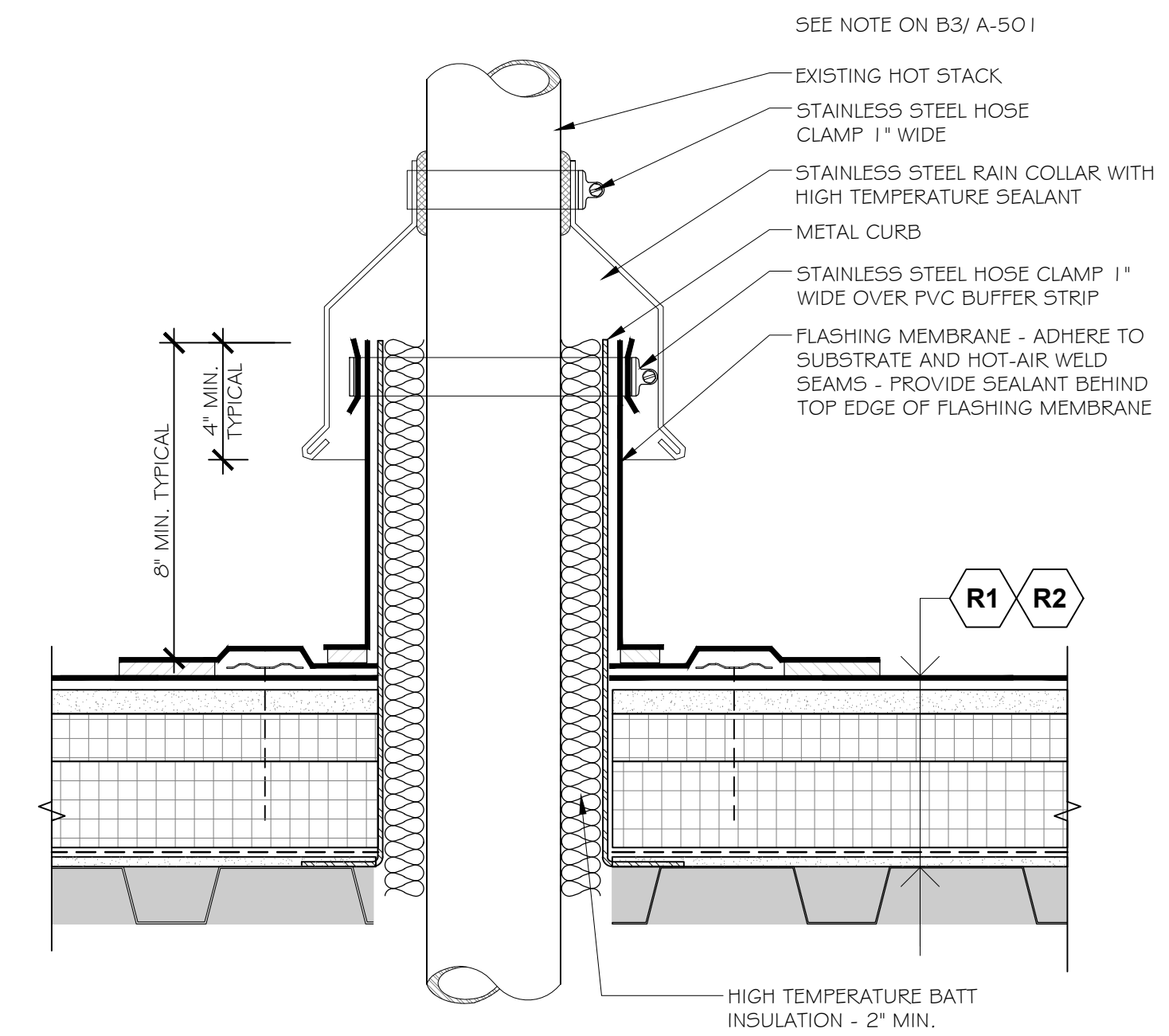
B3 TYPICAL PIPE PENETRATION FLASHING DETAIL
SCALE: 3" = 1'-0"



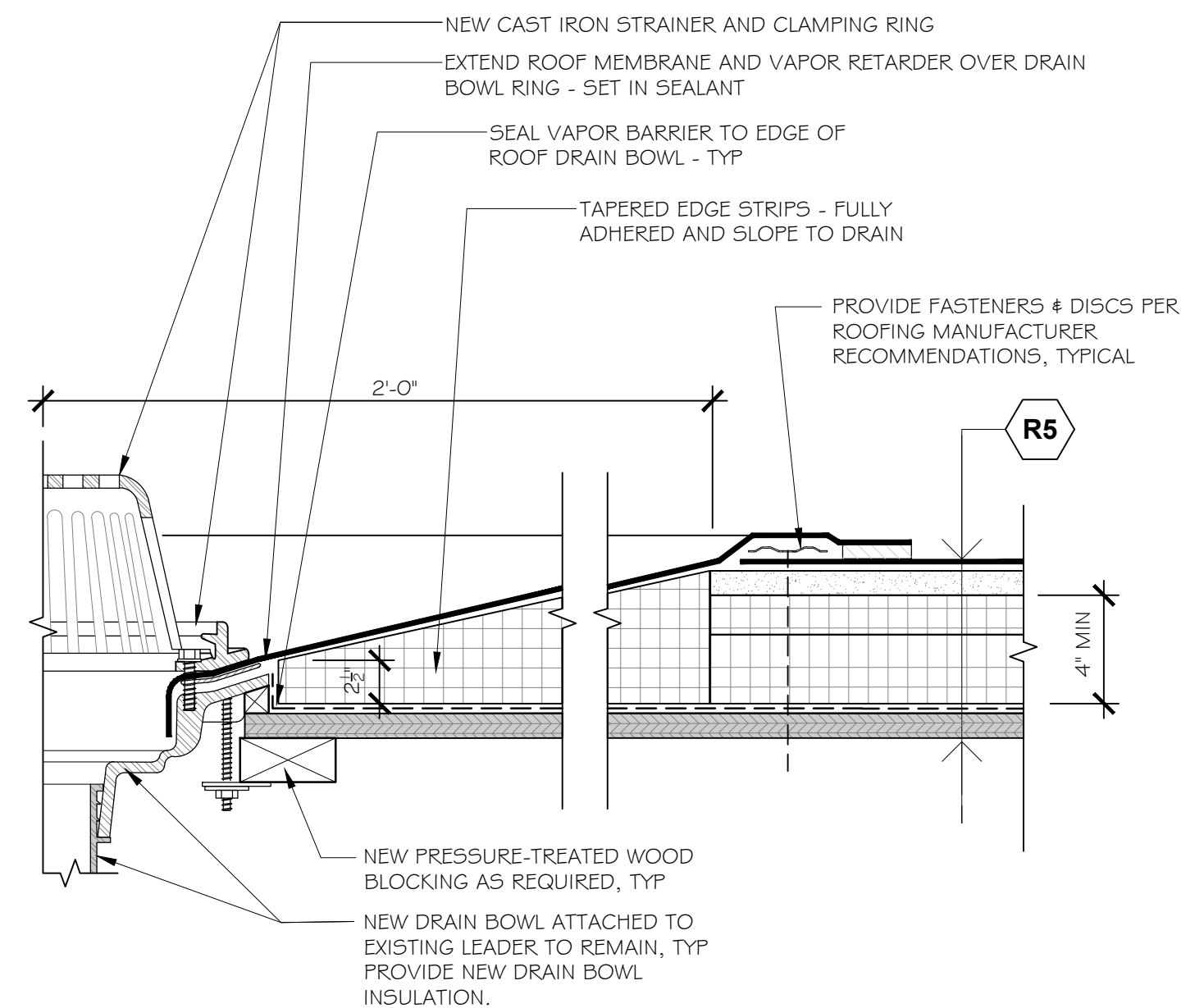
A3 VENT PIPE PENETRATION THRU SHINGLE ROOF, TYP
SCALE: 3" = 1'-0"



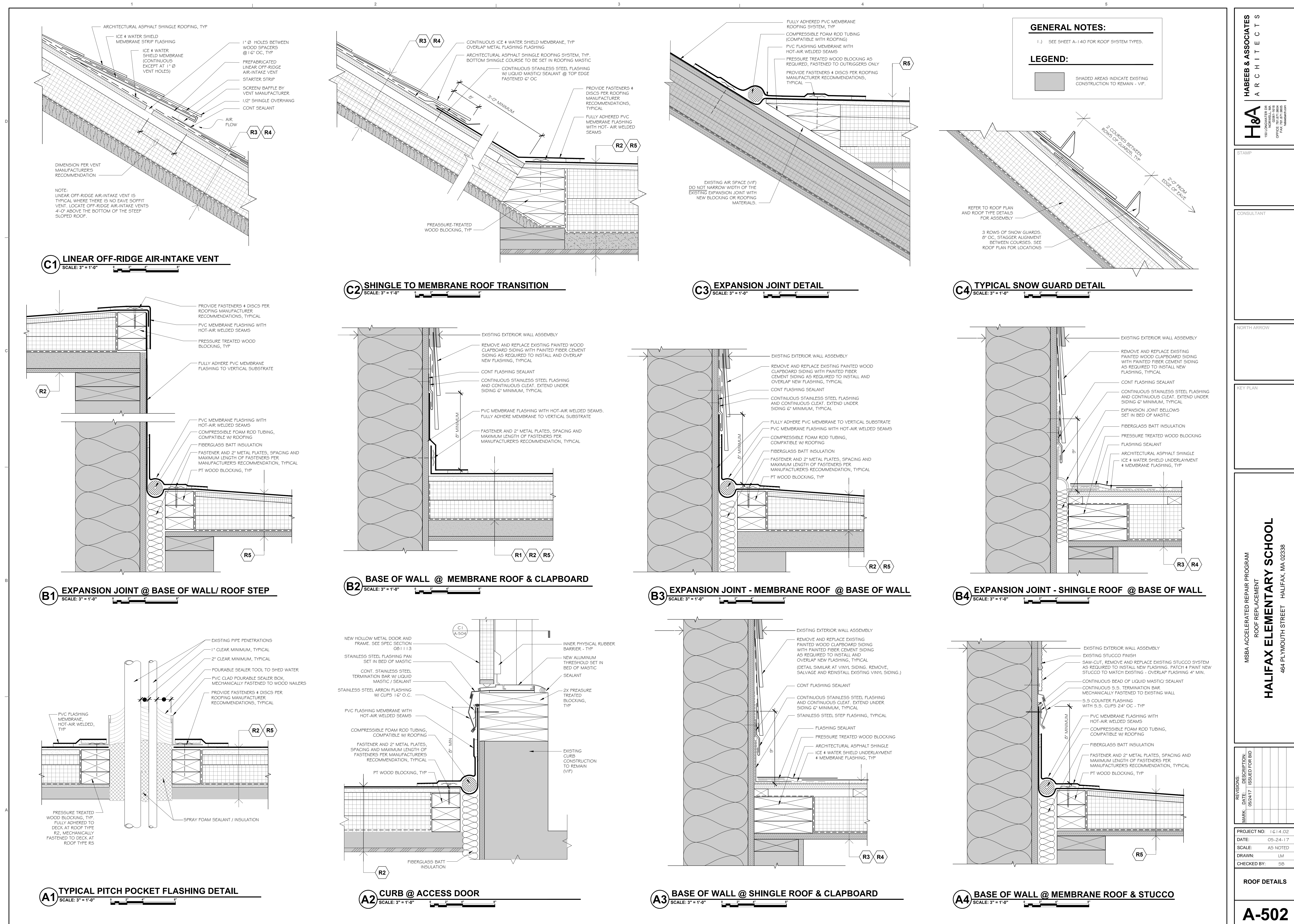
C4 TYPICAL ATTIC LOUVER BLANK-OFF PANEL
SCALE: 3" = 1'-0"



B4 TYPICAL HEATED STACK FLASHING DETAIL
SCALE: 3" = 1'-0"



A4 TYPICAL ROOF DRAIN
SCALE: 3" = 1'-0"



GENERAL NOTES:

1.) SEE SHEET A-140 FOR ROOF SYSTEM TYPES.

LEGEND:

SHADED AREAS INDICATE EXISTING CONSTRUCTION TO REMAIN - VIF.

STAMP

CONSULTANT

NORTH ARROW

KEY PLAN

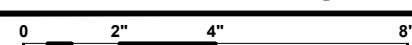
MARK	DATE	DESCRIPTION	ISSUED FOR BID
	05/24/17		

PROJECT NO: 1614.02
DATE: 05-24-17
SCALE: AS NOTED
DRAWN: LM
CHECKED BY: SB

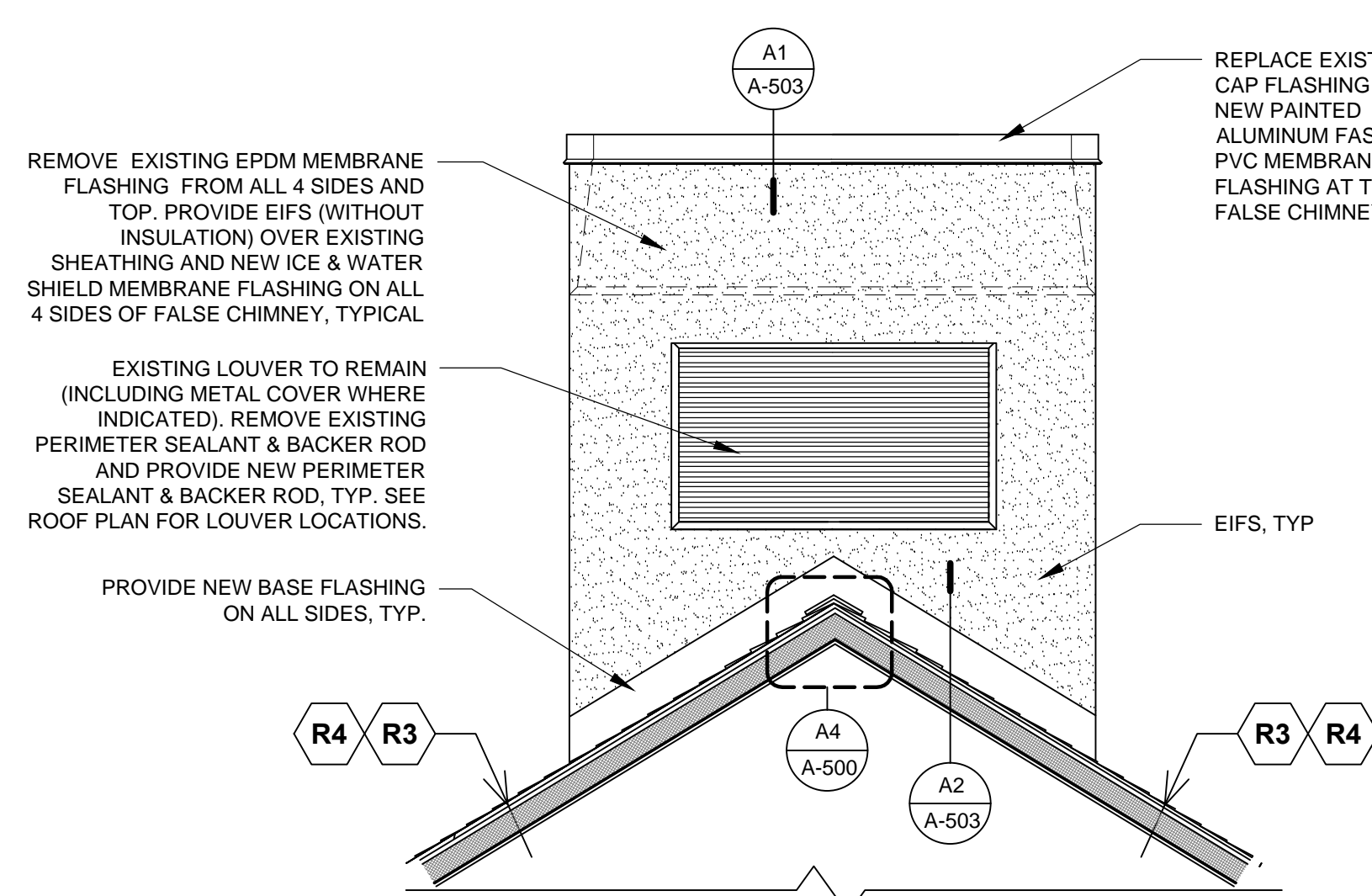
ROOF DETAILS

D1 FALSE CHIMNEY - TYPE CH-1 (STUCCO)

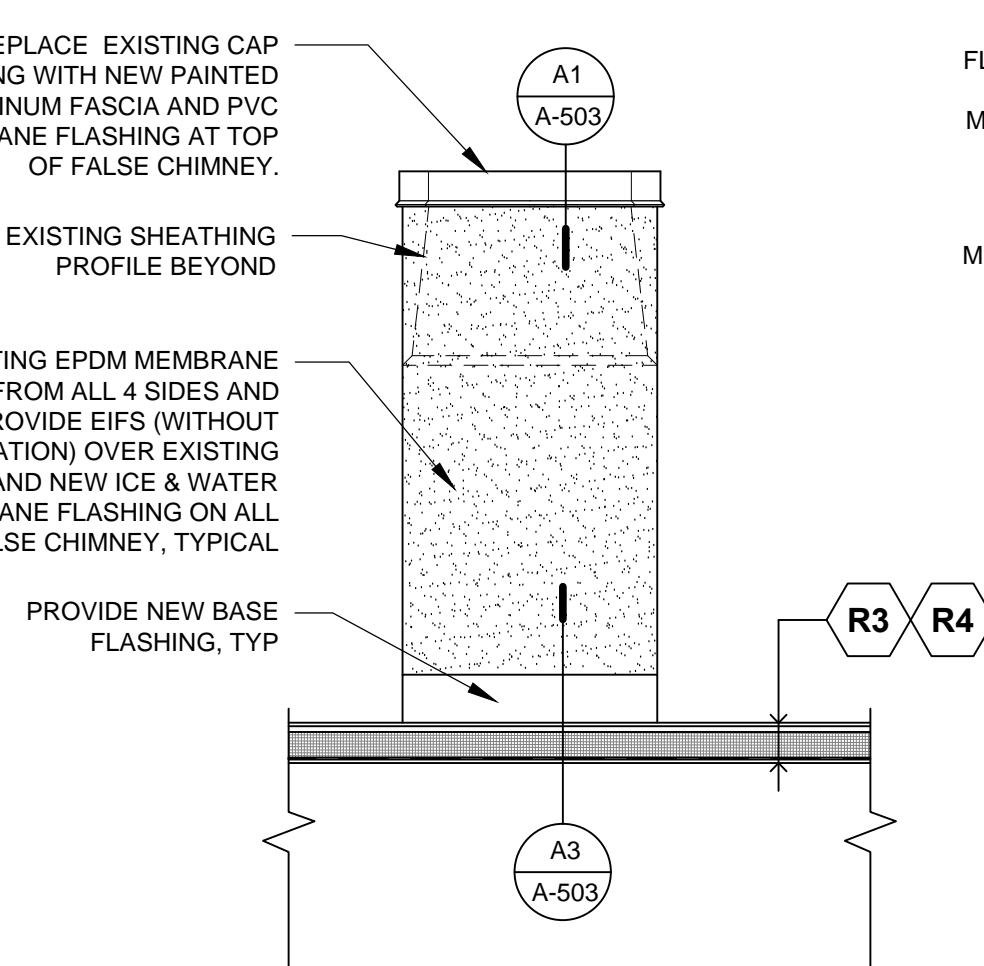
SCALE: 3/8" = 1'-0"



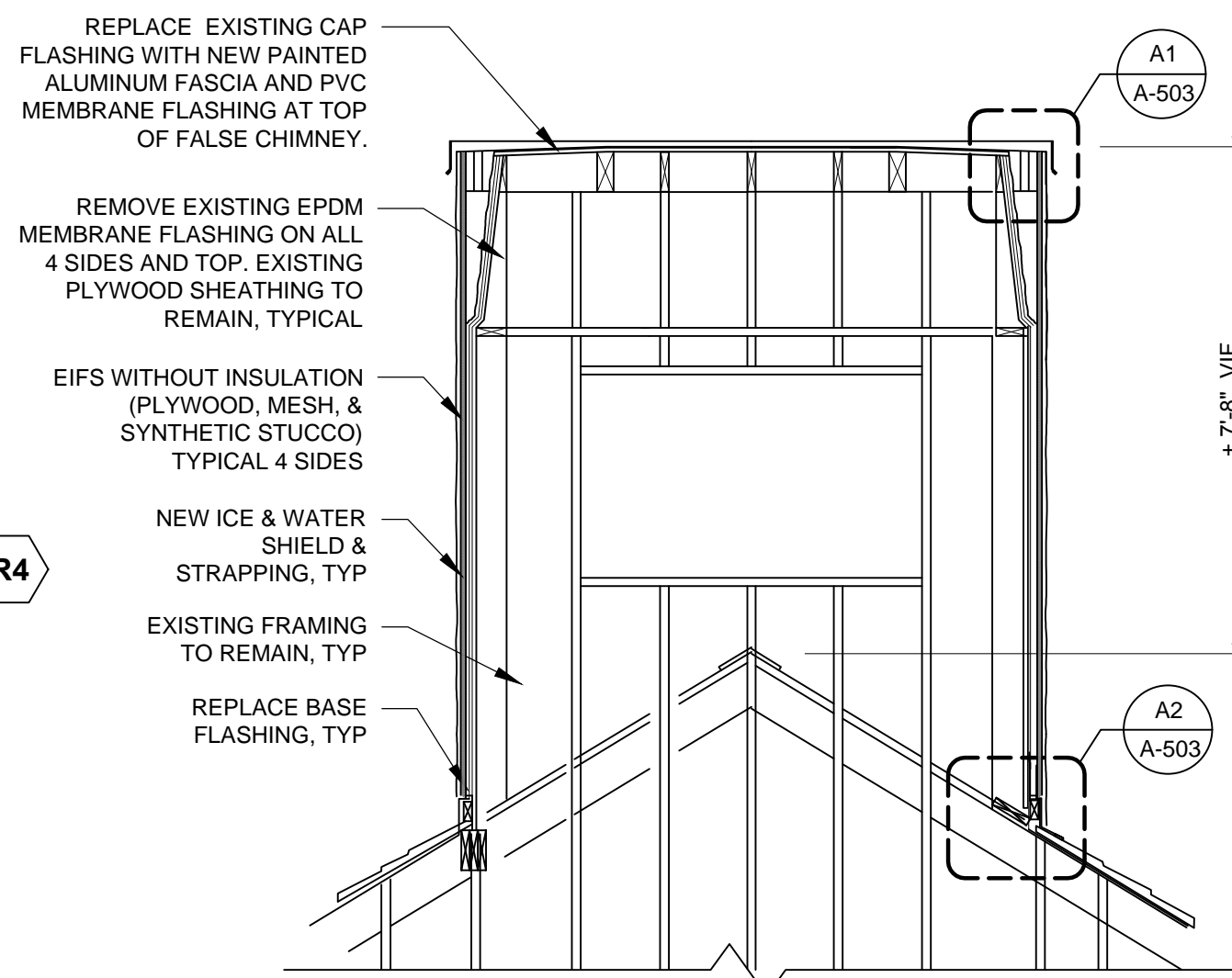
SEE ROOF PLAN FOR LOCATIONS



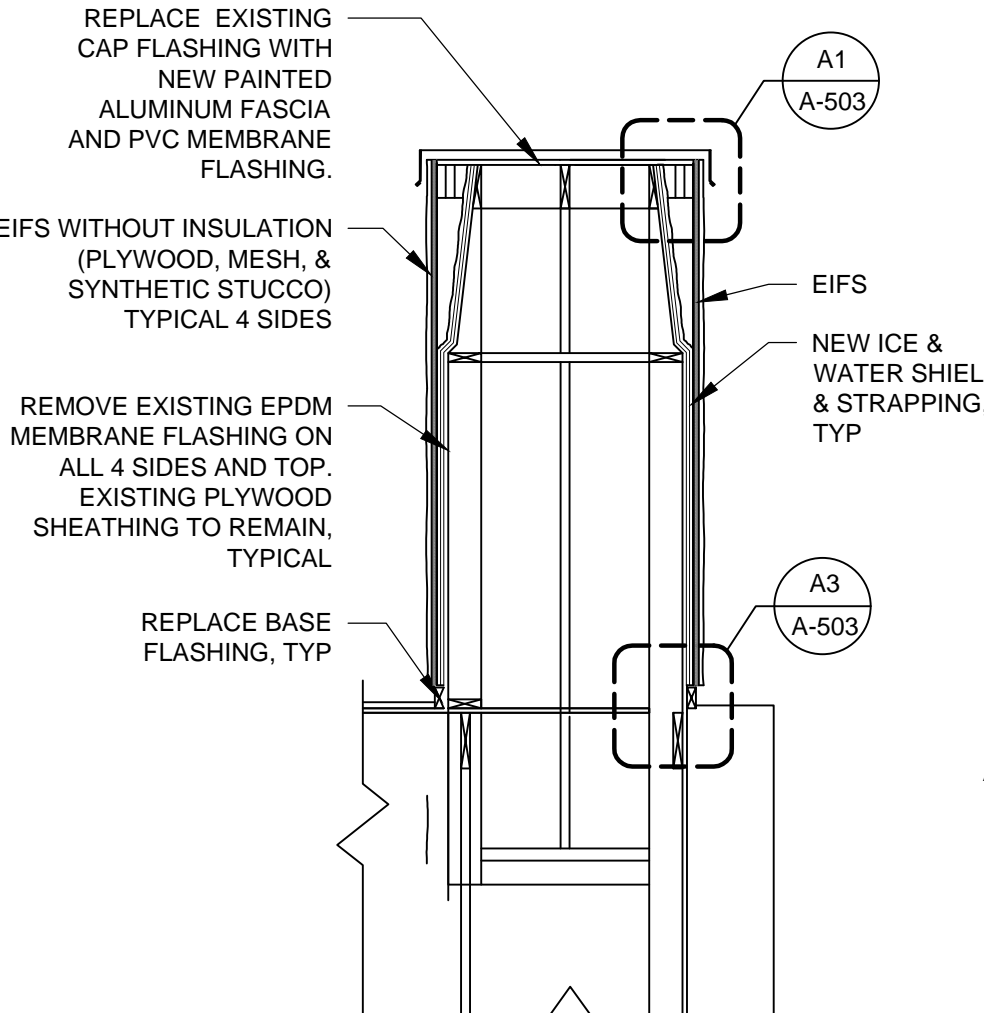
TYPICAL ELEVATION



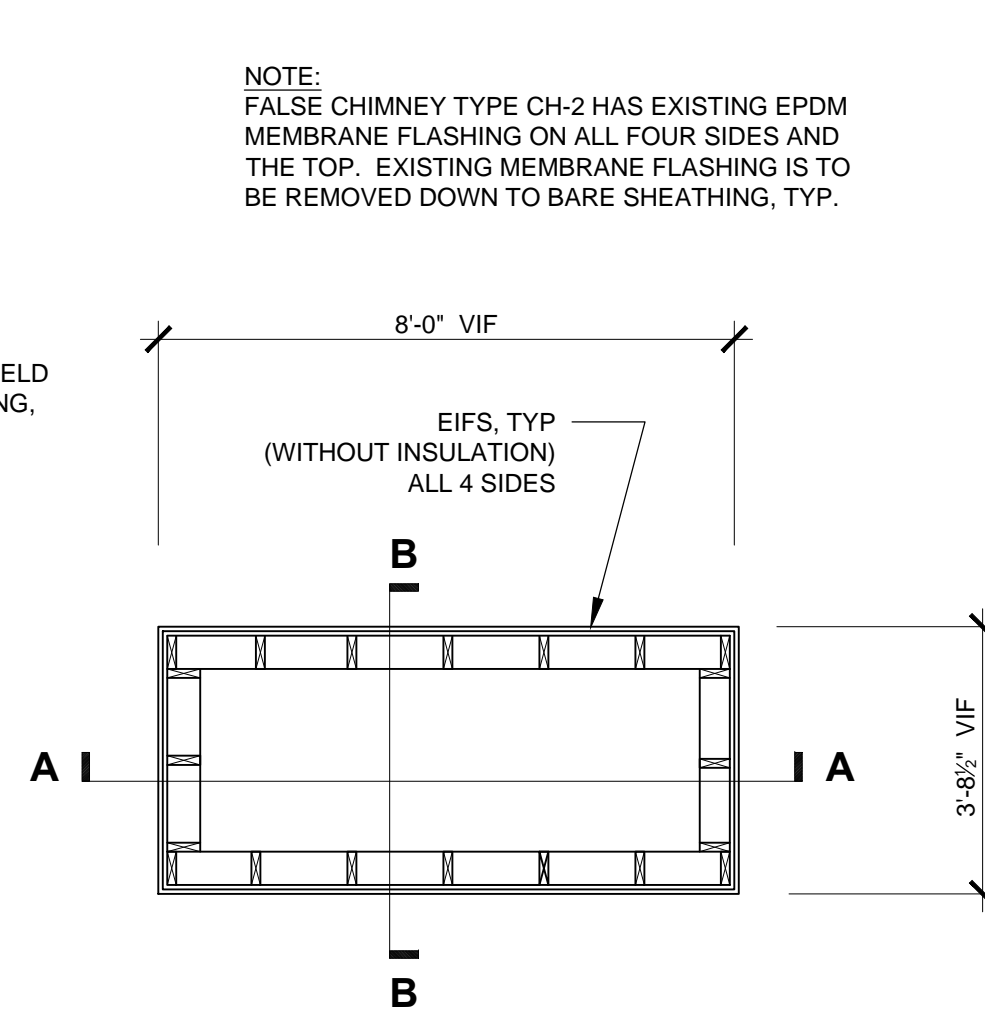
TYPICAL ELEVATION



TYPICAL SECTION A - A



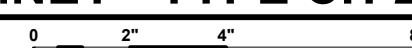
TYPICAL SECTION B - B



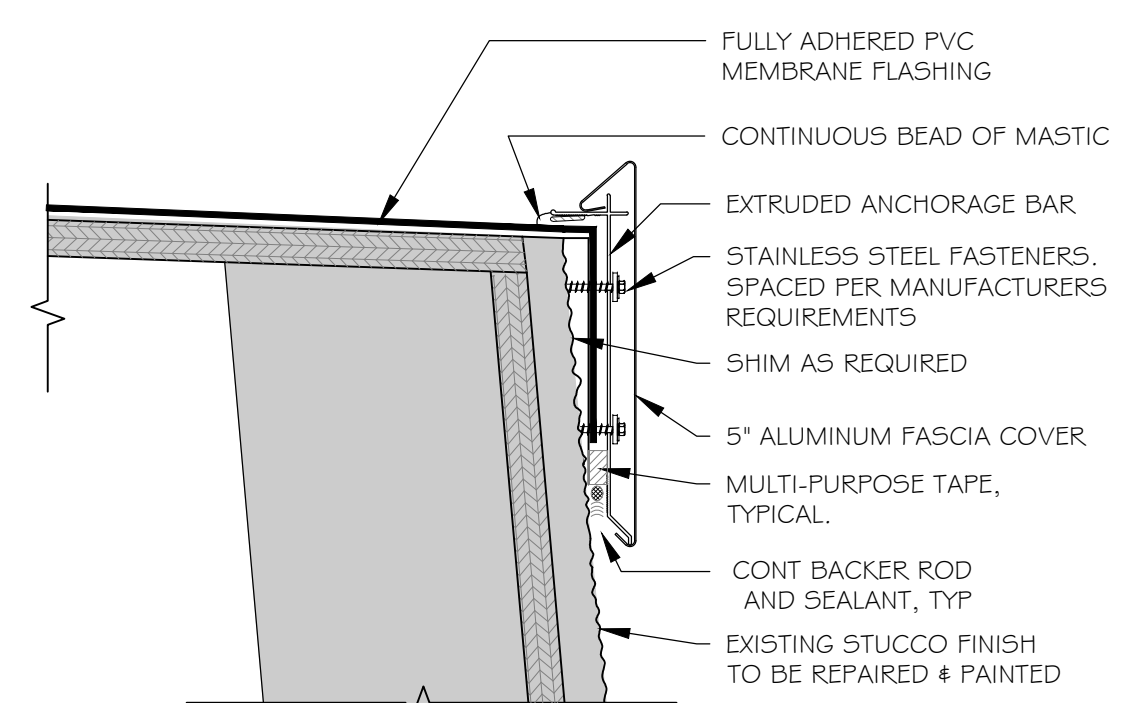
TYPICAL PLAN

C1 FALSE CHIMNEY - TYPE CH-2 (MEMBRANE WRAPPED)

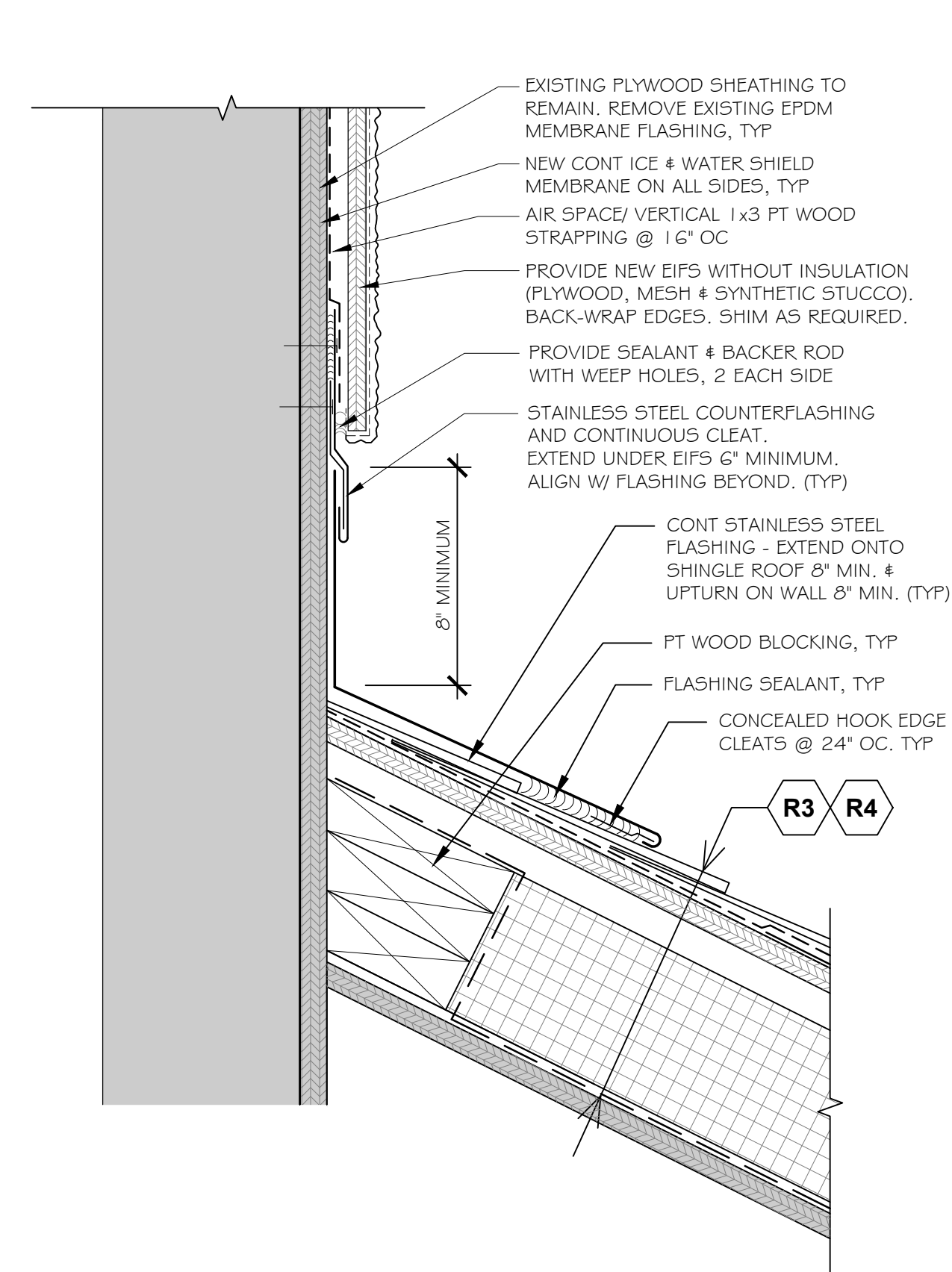
SCALE: 3/8" = 1'-0"



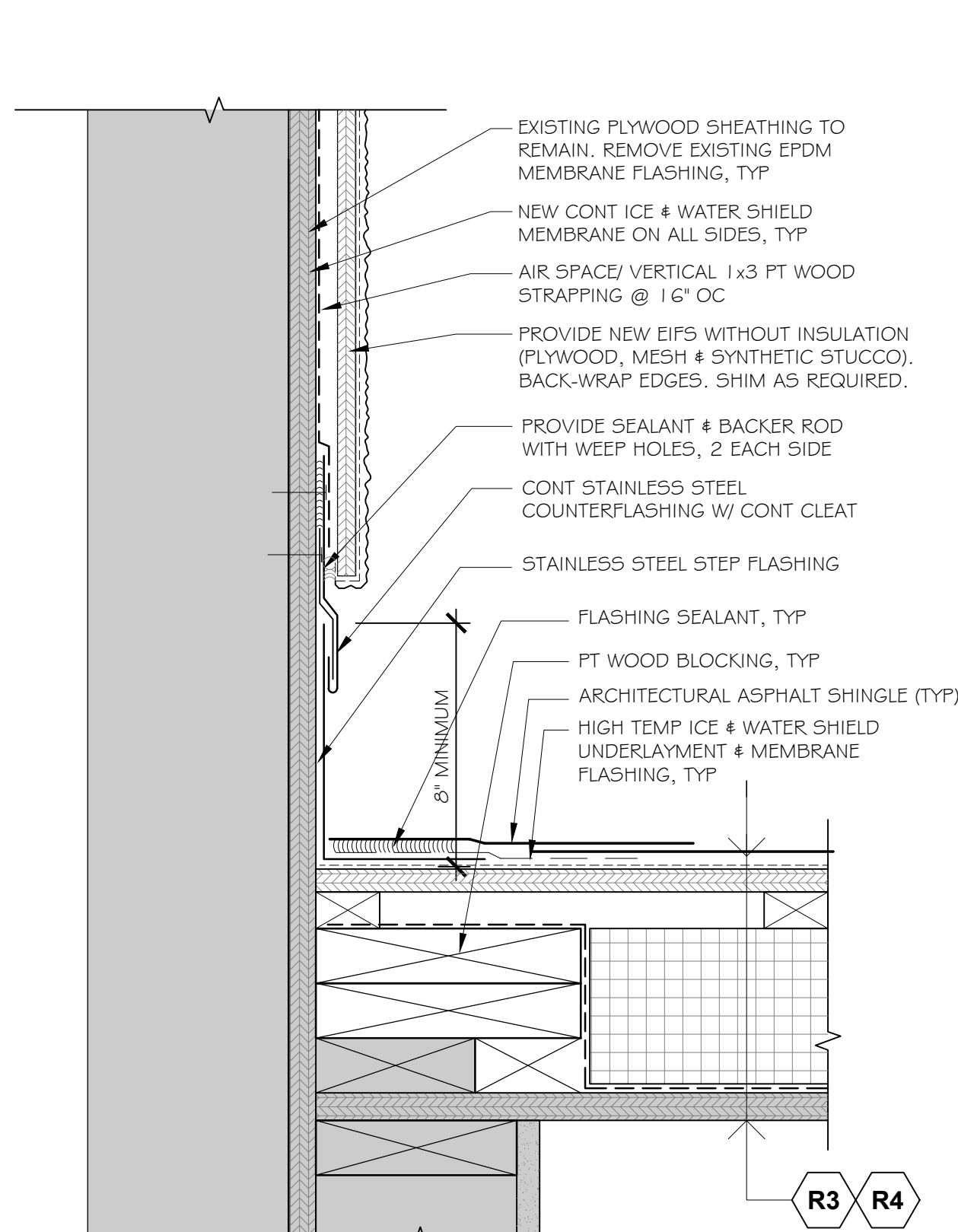
SEE ROOF PLAN FOR LOCATIONS



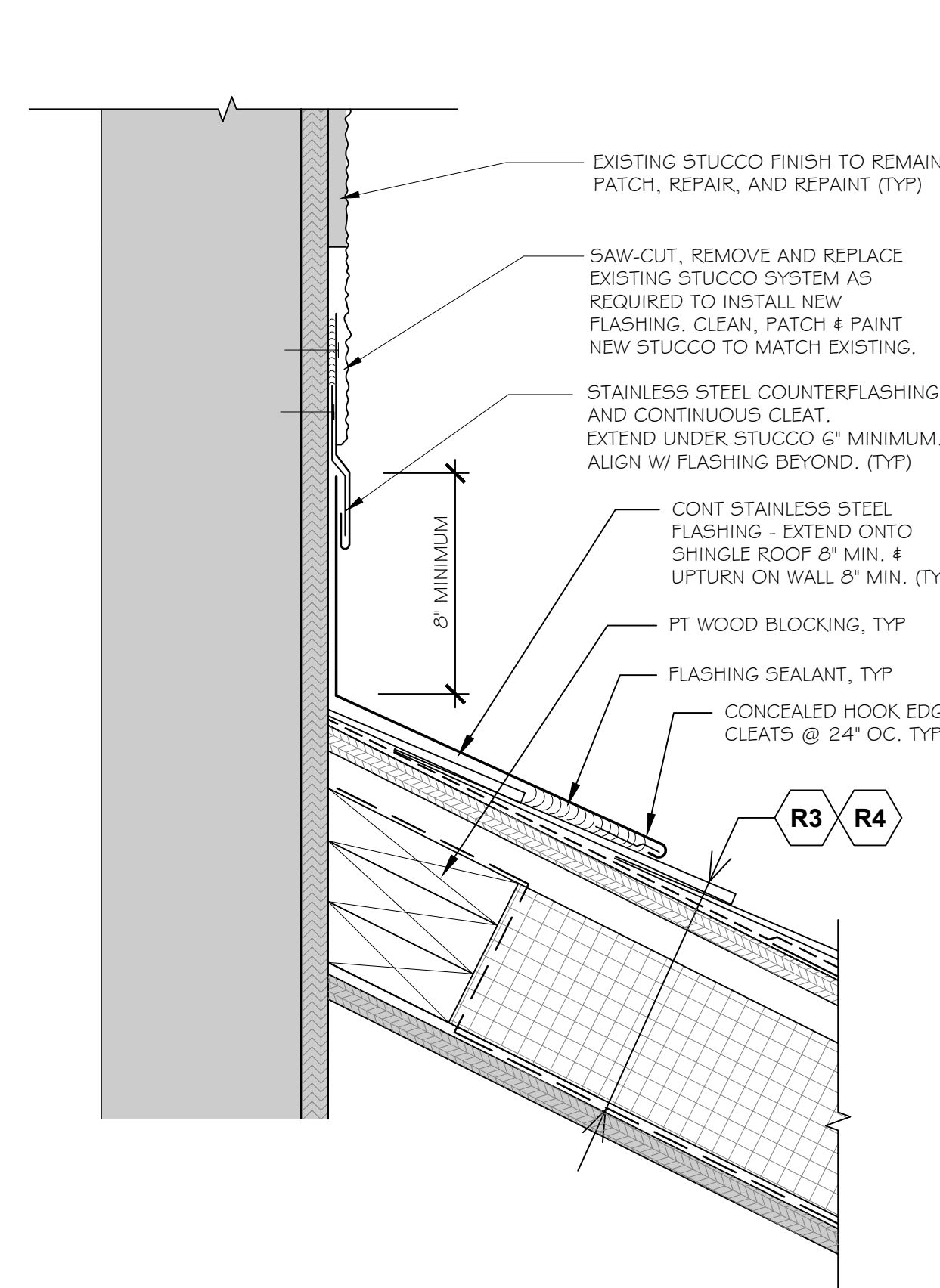
TYPICAL ELEVATION



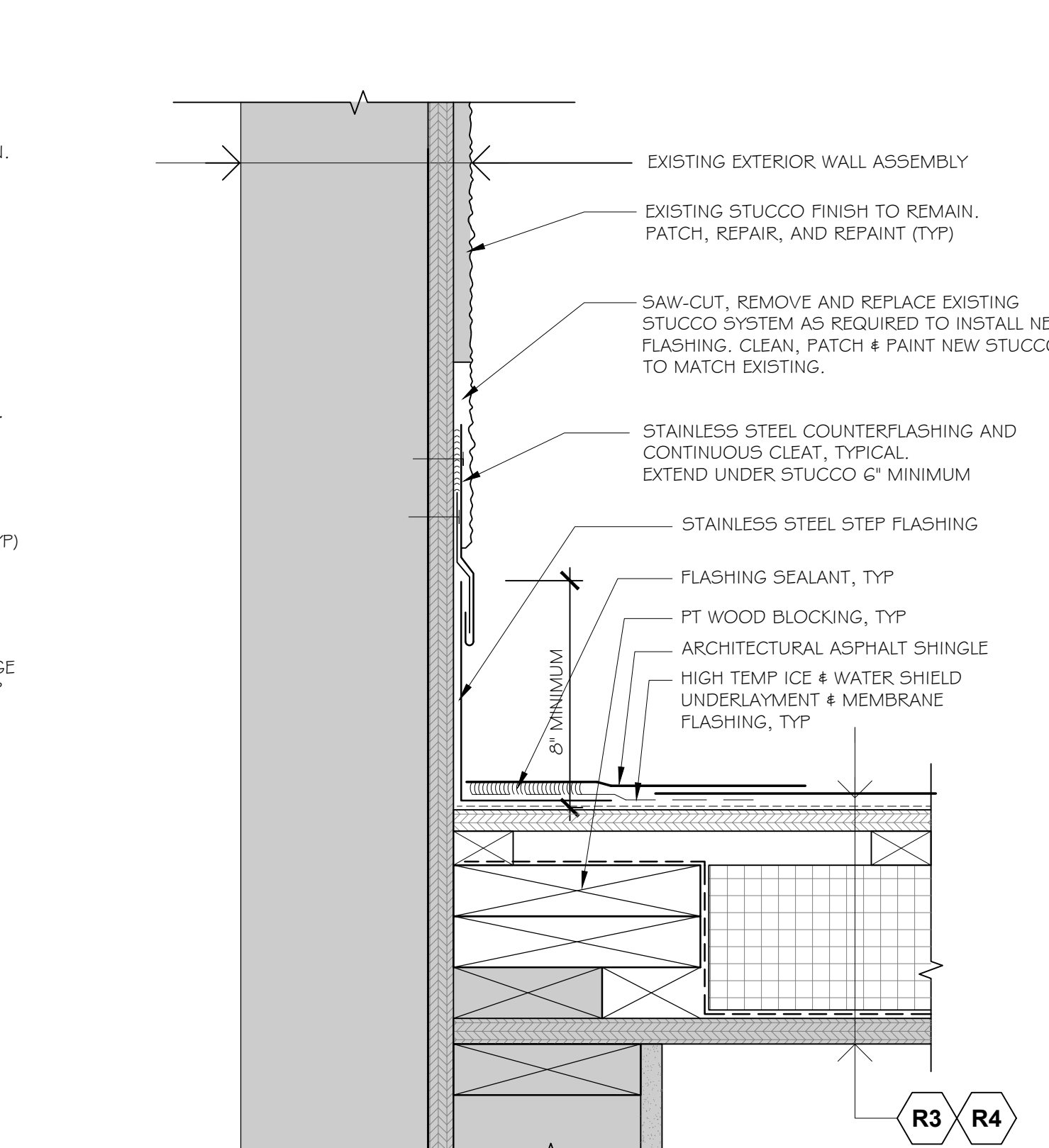
TYPICAL ELEVATION



TYPICAL SECTION A - A

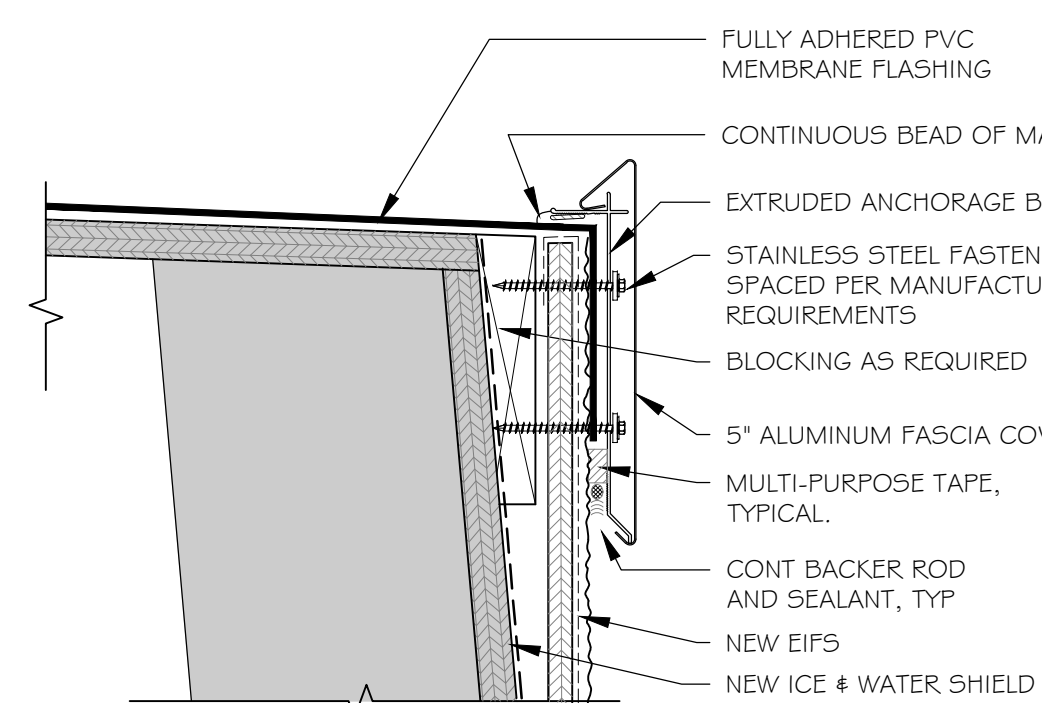


TYPICAL SECTION B - B



TYPICAL PLAN

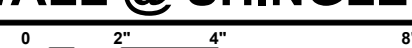
B1 FALSE CHIMNEY CAP @ STUCCO



TYPICAL ELEVATION

A2 BASE OF WALL @ SHINGLE ROOF & EIFS

SCALE: 3" = 1'-0"



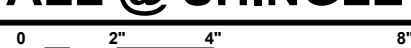
A3 BASE OF WALL @ SHINGLE ROOF & EIFS

SCALE: 3" = 1'-0"



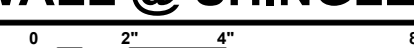
A4 BASE OF WALL @ SHINGLE ROOF & STUCCO

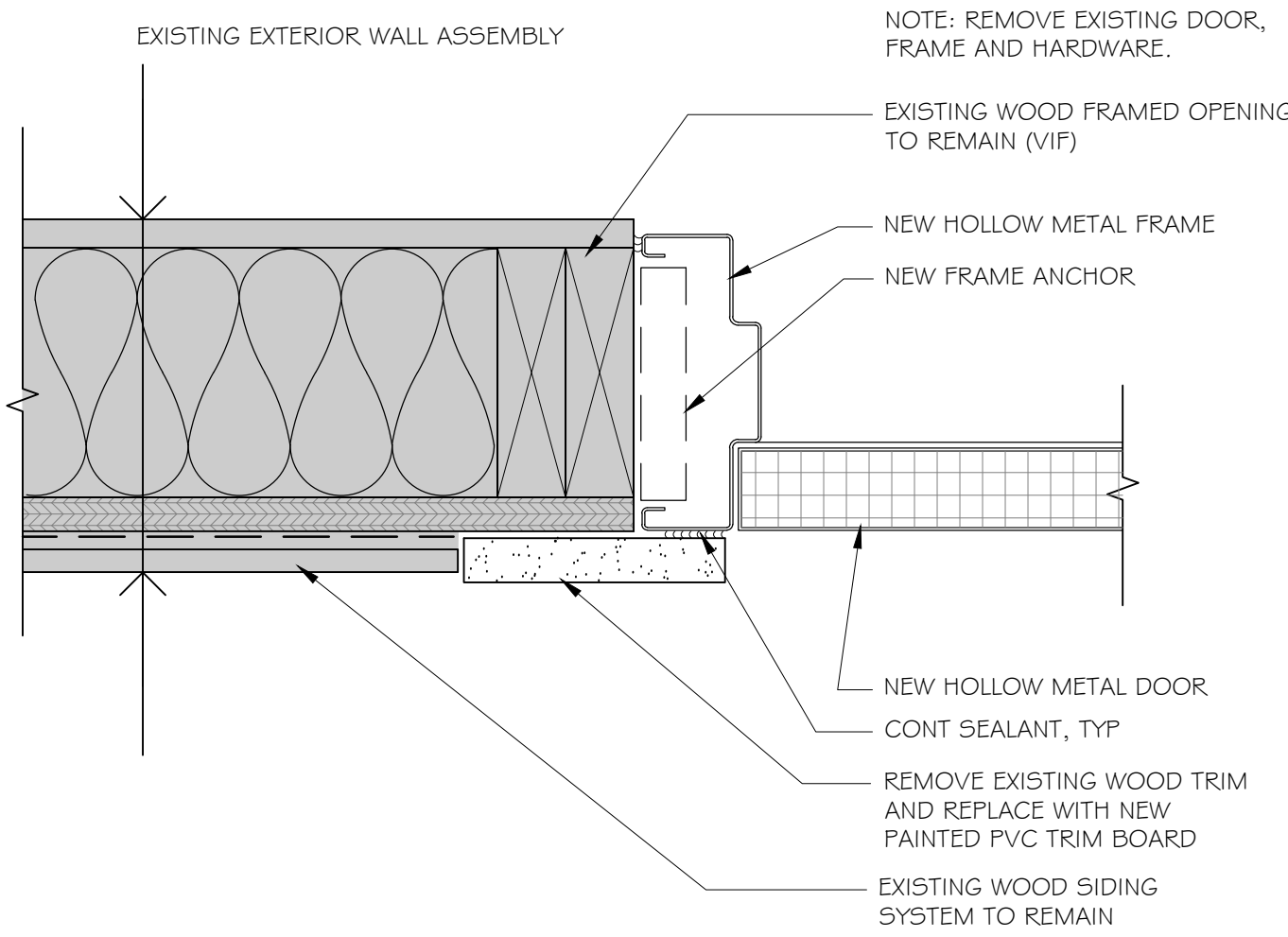
SCALE: 3" = 1'-0"



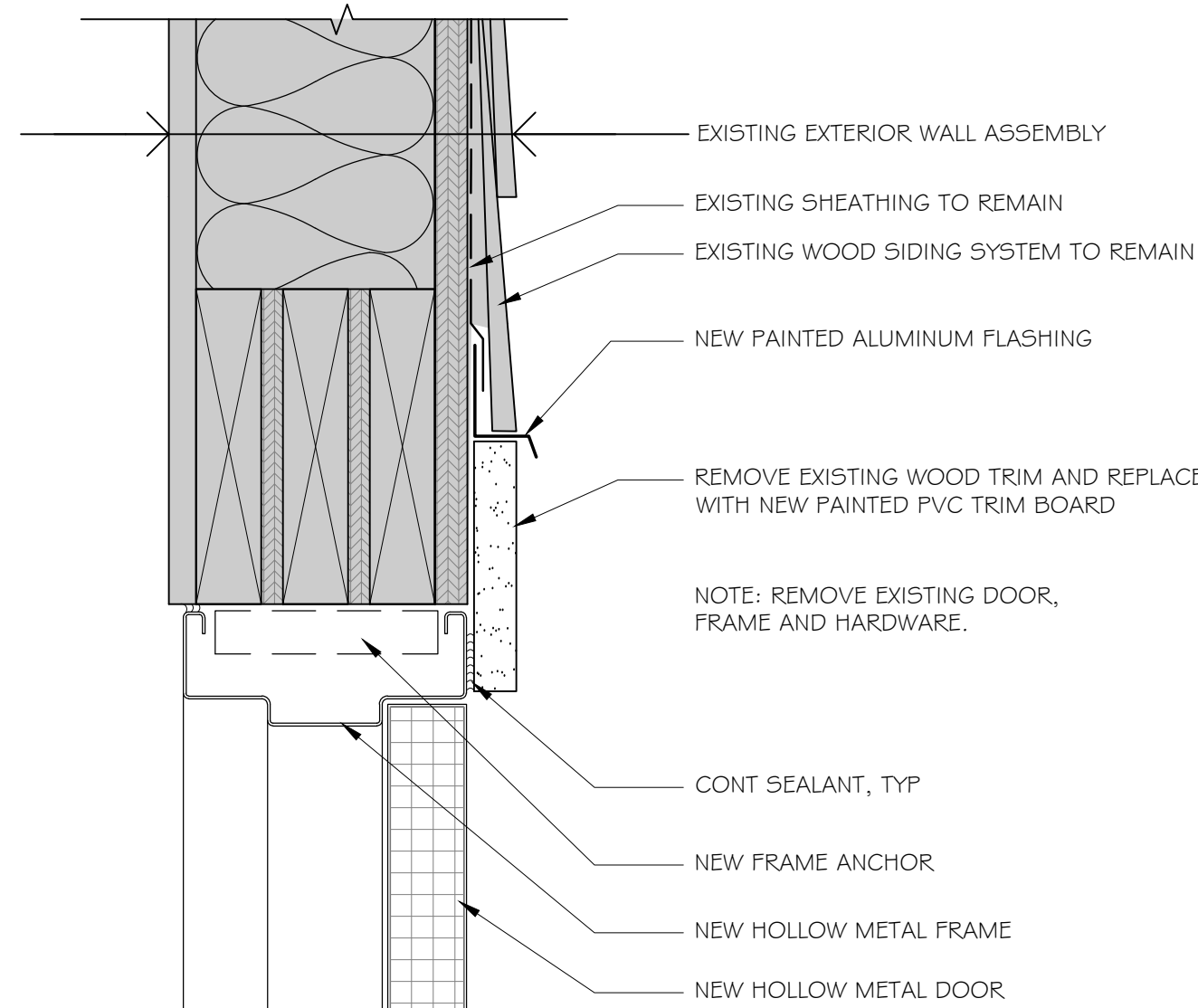
A5 BASE OF WALL @ SHINGLE ROOF & STUCCO

SCALE: 3" = 1'-0"





C1 PLAN DETAIL @ DOOR JAMB
SCALE: 3" = 1'-0"



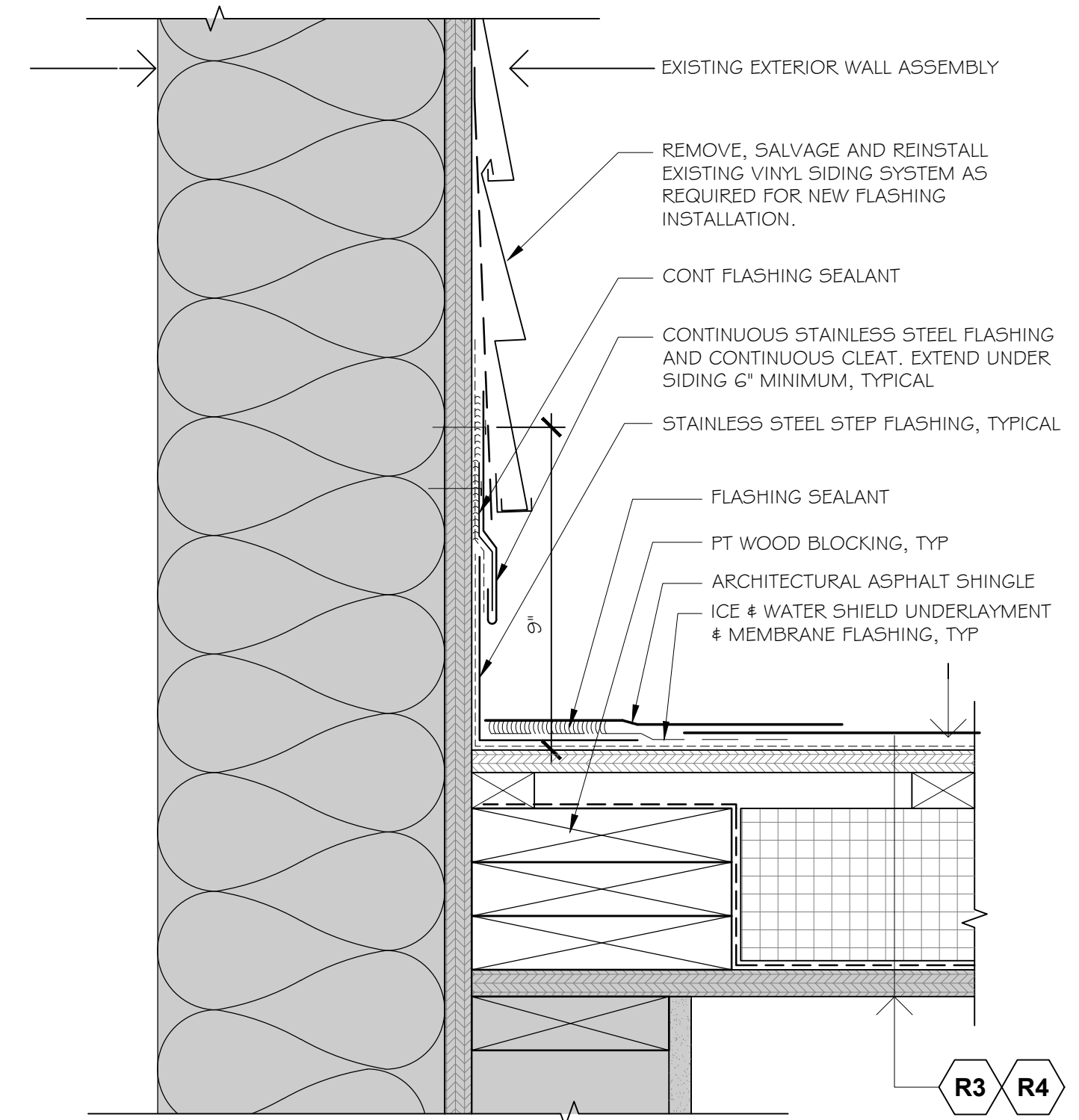
C2 SECTION @ DOOR HEAD
SCALE: 3" = 1'-0"

GENERAL NOTES:

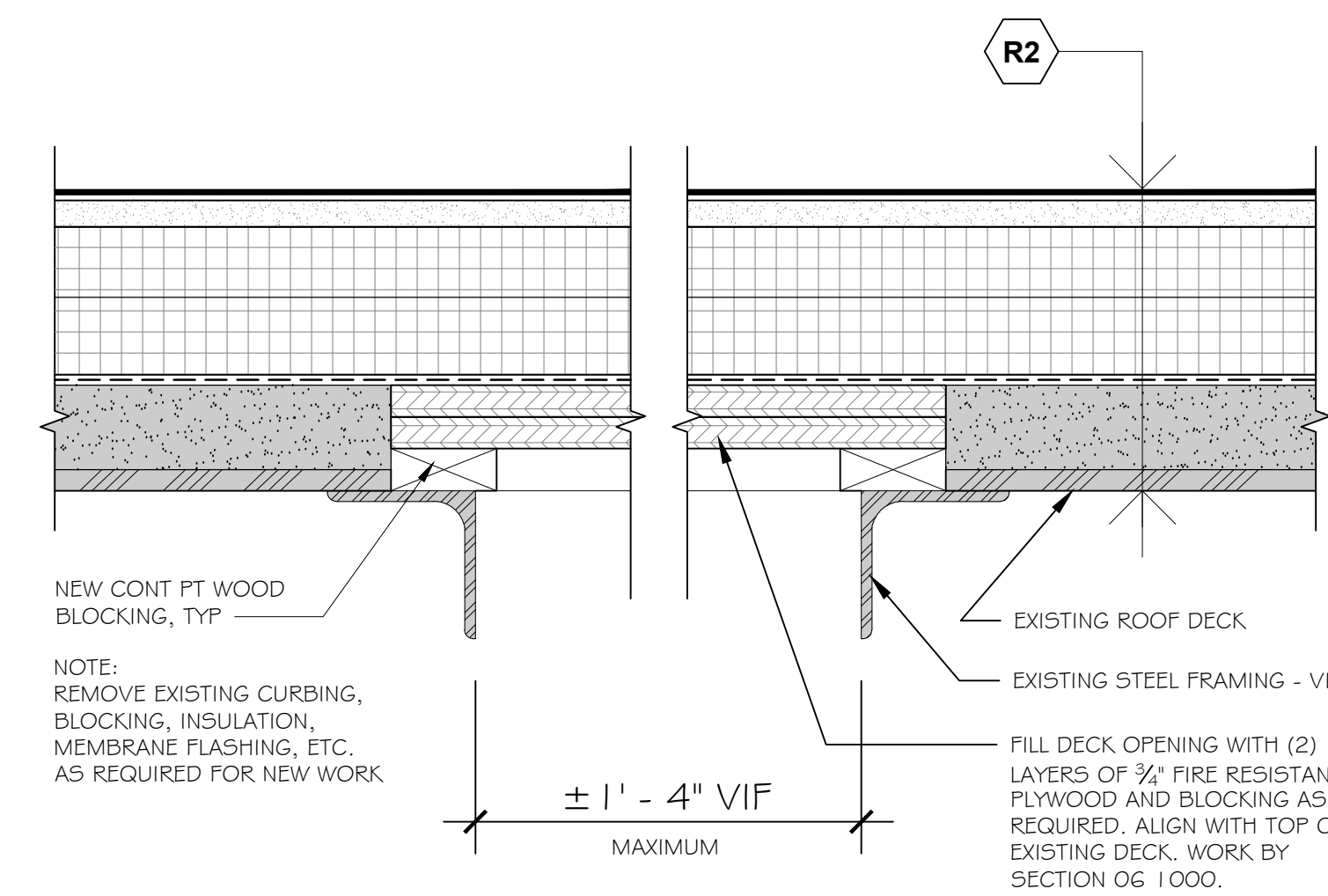
1.) SEE SHEET A-140 FOR ROOF SYSTEM TYPES.

LEGEND:

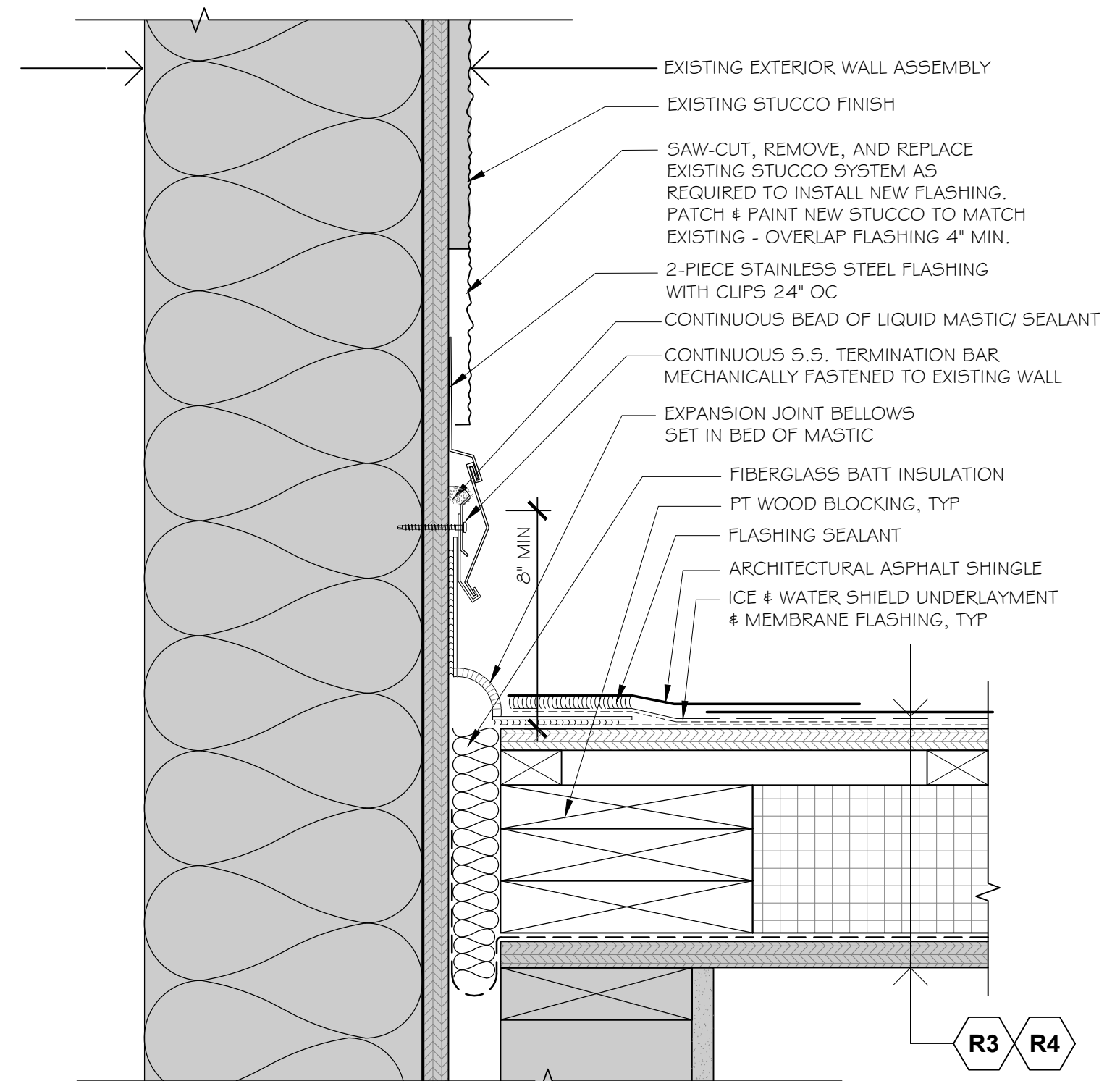
SHADED AREAS INDICATE EXISTING CONSTRUCTION TO REMAIN - VIF.



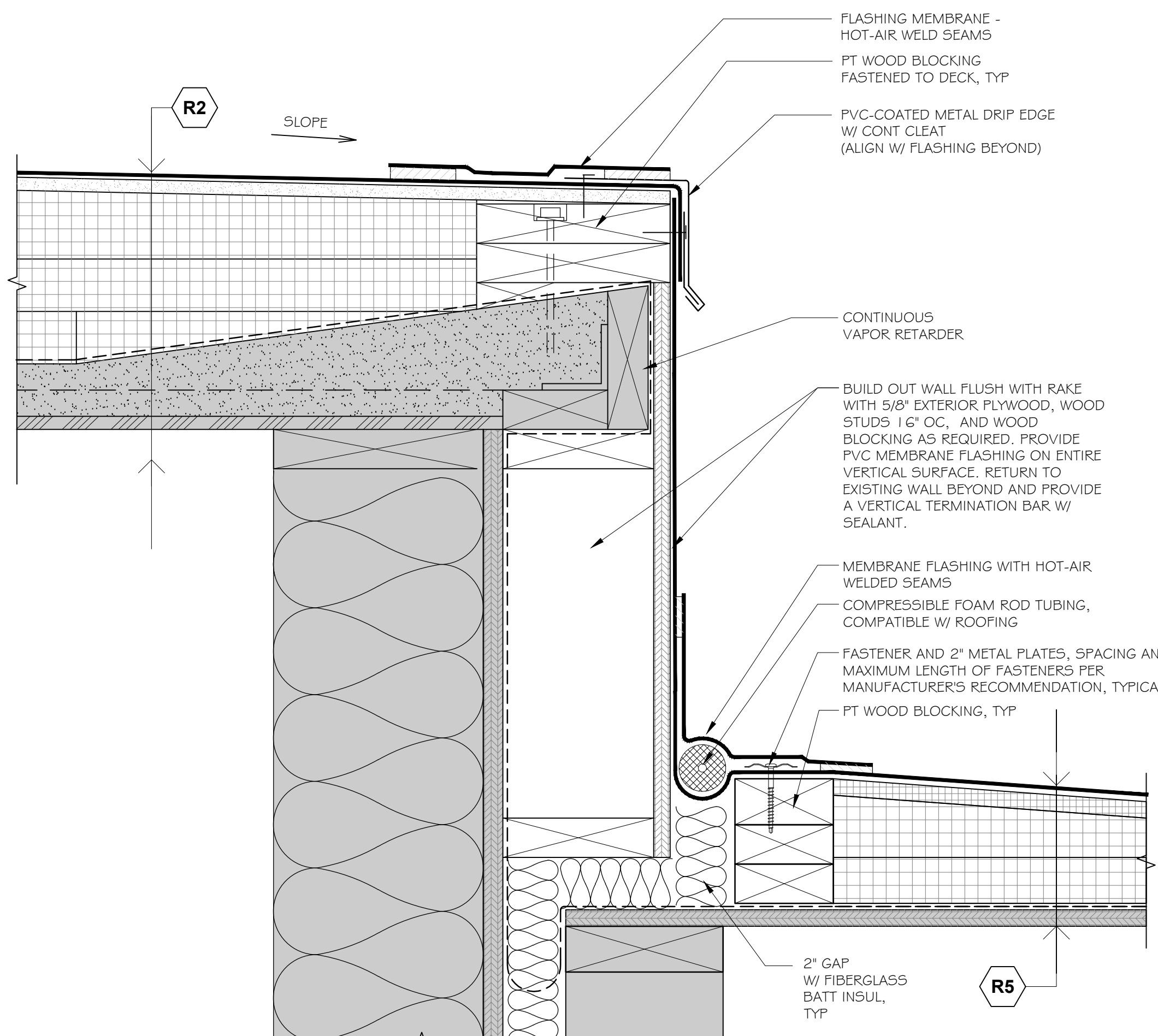
C4 BASE OF WALL @ SHINGLE ROOF & VINYL SIDING
SCALE: 3" = 1'-0"



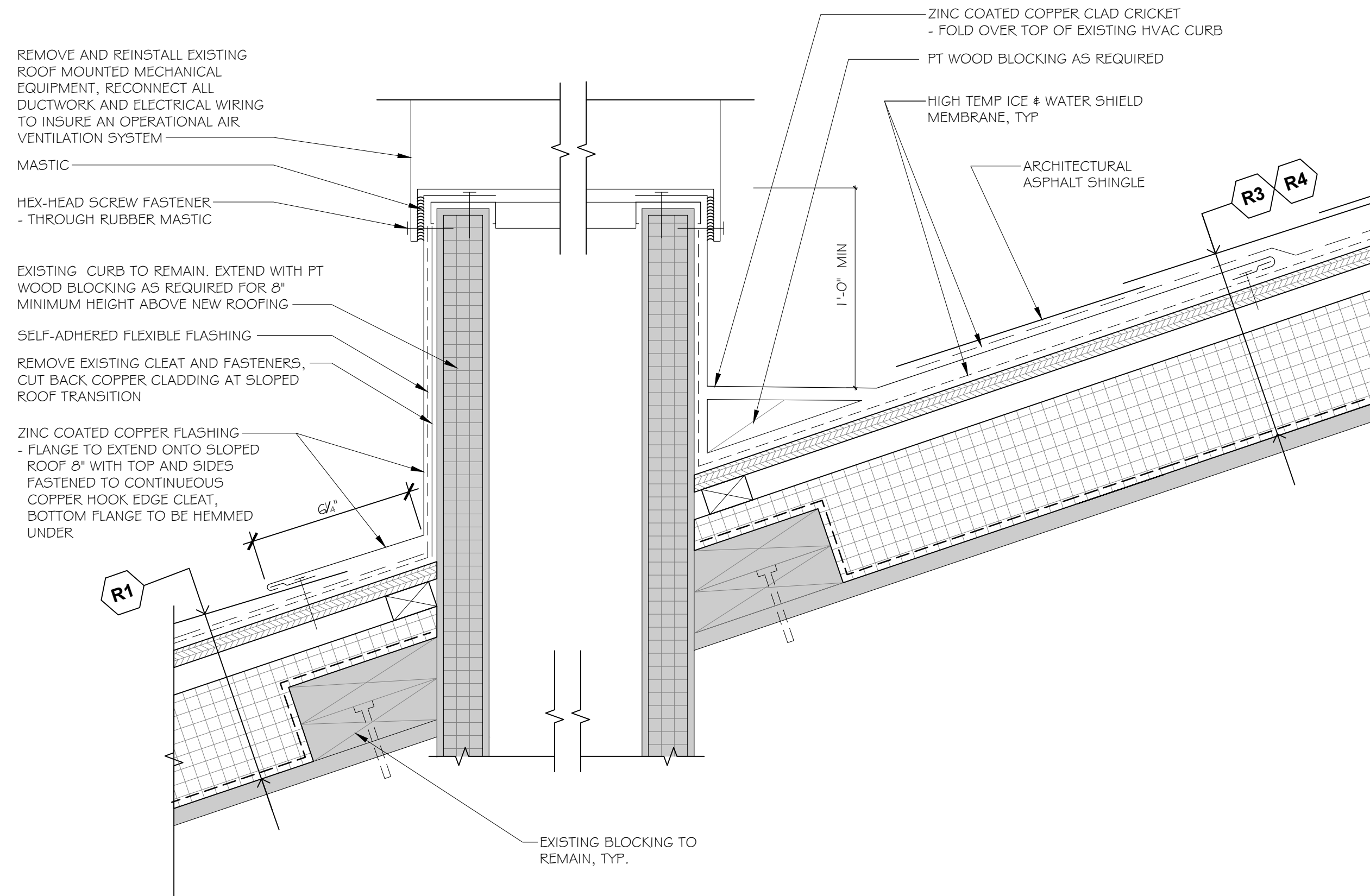
B3 ROOF DECK INFILL DETAIL
SCALE: 3" = 1'-0"



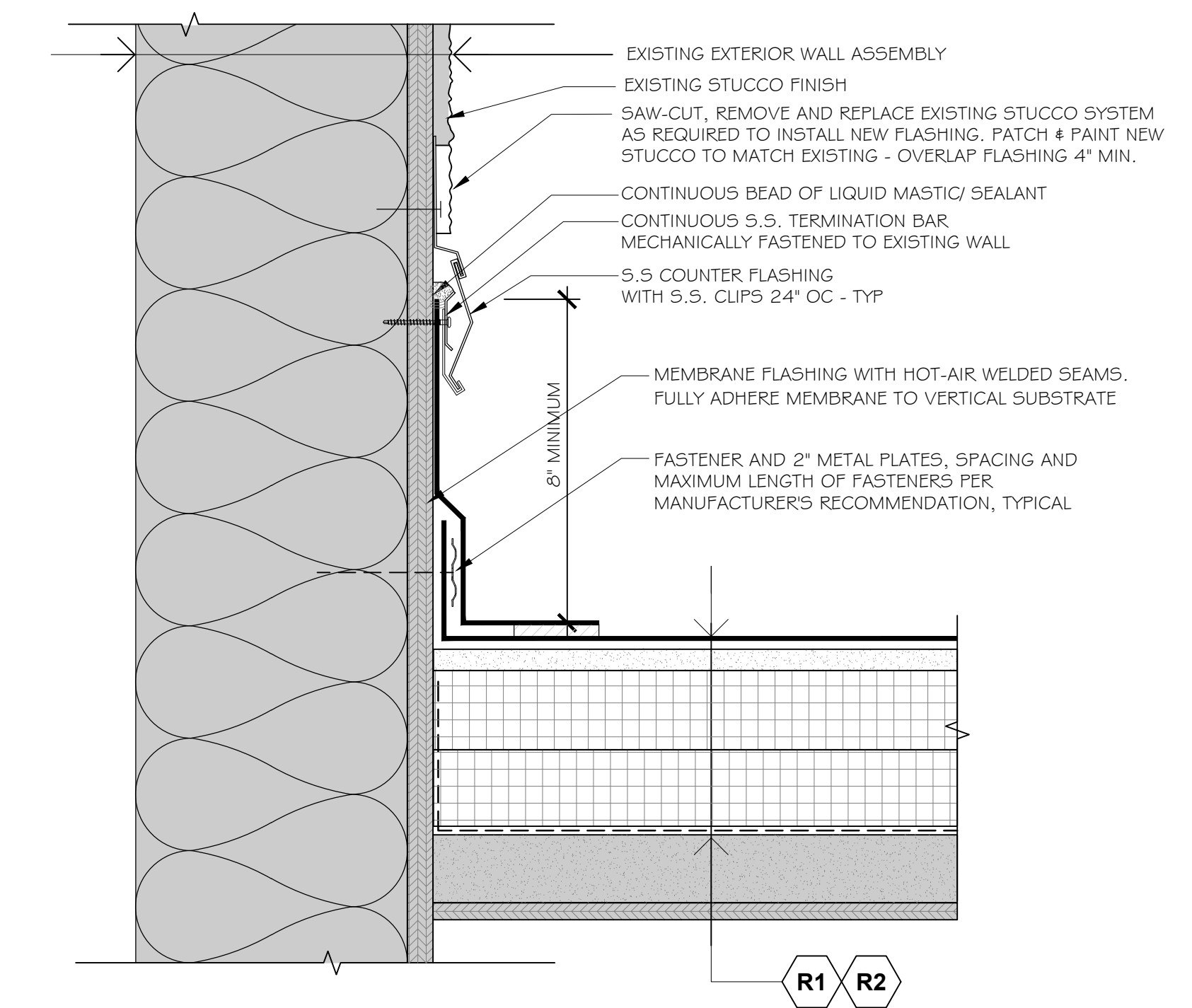
B4 EXPANSION JOINT - SHINGLE ROOF @ STUCCO
SCALE: 3" = 1'-0"



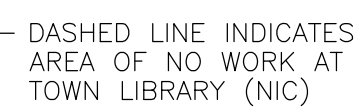
A1 EXPANSION JOINT @ BASE OF WALL/ ROOF STEP
SCALE: 3" = 1'-0"



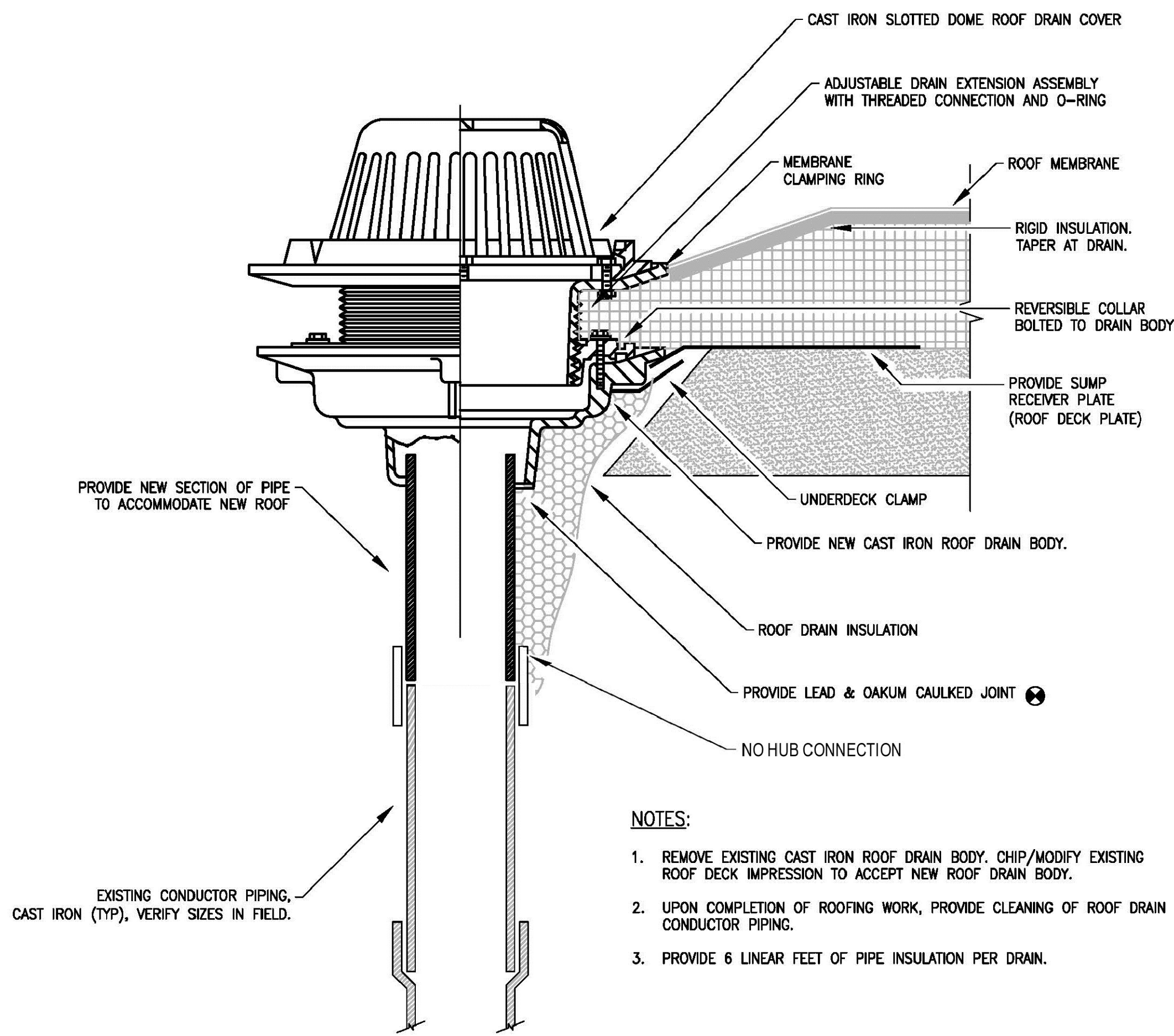
A3 EXHAUST FAN @ SHINGLE ROOF
SCALE: 3" = 1'-0"



A4 BASE OF WALL @ MEMBRANE ROOF & STUCCO
SCALE: 3" = 1'-0"



P-101

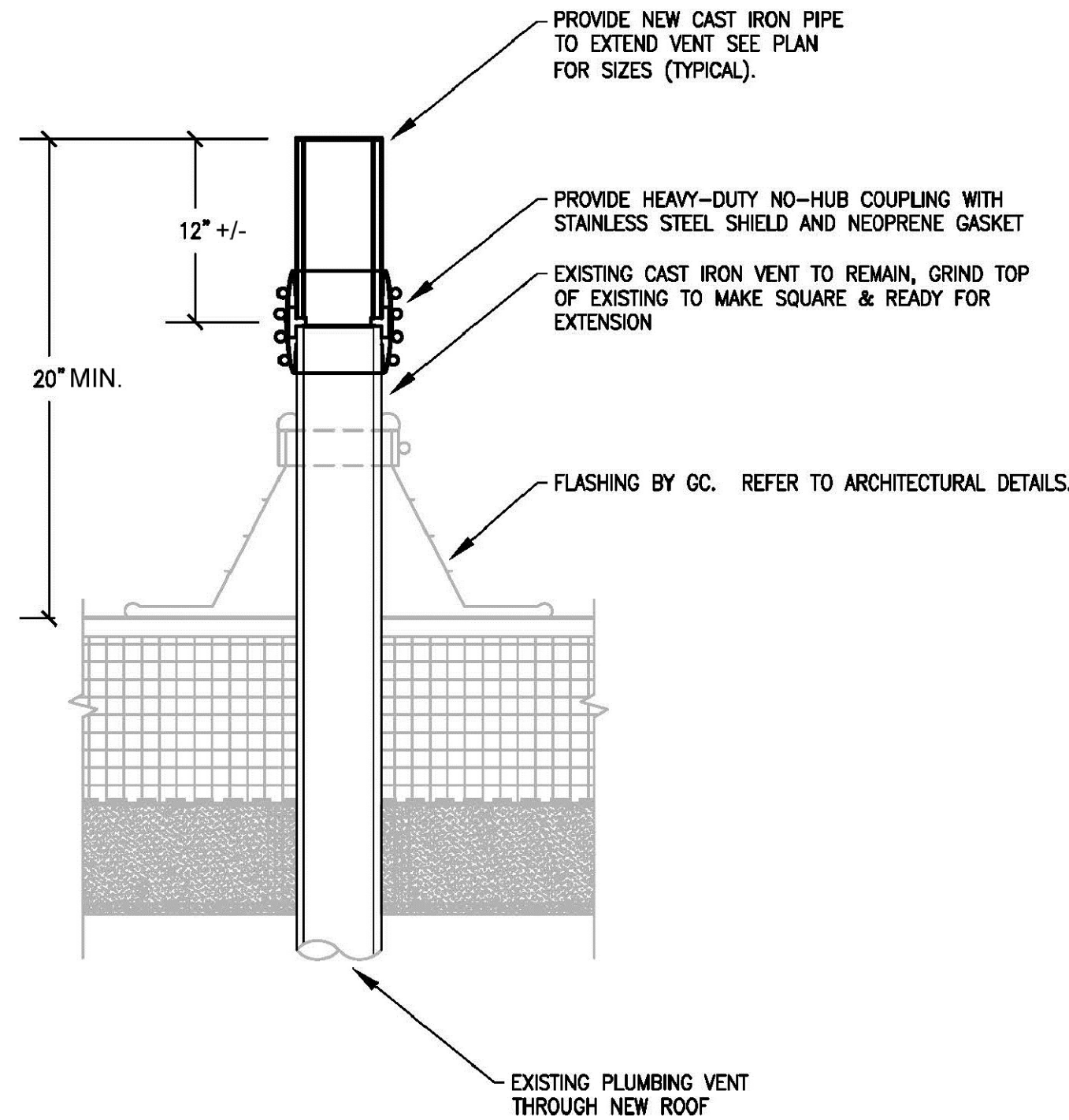


NOTES:

1. REMOVE EXISTING CAST IRON ROOF DRAIN BODY. CHIP/MODIFY EXISTING ROOF DECK IMPRESSION TO ACCEPT NEW ROOF DRAIN BODY.
2. UPON COMPLETION OF ROOFING WORK, PROVIDE CLEANING OF ROOF DRAIN CONDUCTOR PIPING.
3. PROVIDE 6 LINEAR FEET OF PIPE INSULATION PER DRAIN.

ROOF DRAIN WITH ADJUSTABLE EXTENSION (RD-1 REPLACEMENT ROOF DRAIN)

SCALE: NTS



VENT EXTENSION DETAIL, TYP.

SCALE: NTS

PLUMBING FIXTURE SCHEDULE [1][2]					
DWG ID	FIXTURE	MANUFACTURER	MODEL NUMBER	REMARKS	DRAIN
RD	REPLACEMENT ROOF DRAIN	J R SMITH	1015-CID-RDP	DUCO CAST IRON BODY, ADJUSTABLE EXTENSION SLEEVE, CAST IRON DOME, WITH ROOF DECK PLATE	4"
[1] VERIFY MEASUREMENTS/SIZE IN FIELD BEFORE ORDERING					
[2] PROVIDE ADAPTER TO CONNECT TO NEW PIPING					

H&A

HABEEB & ASSOCIATES
ARCHITECTS

100 LONGWATER DR
ROXBURY, MA 02119
TEL: (617) 552-1800
FAX: (617) 552-1805
habeeb.com

STAMP

CONSULTANT

SHEGAR & ASSOC., INC.

7715 PLEASANT STREET #14
EAST WYOMOUTH, MA 02189
TEL: (508) 337-2327
FAX: (508) 337-2952

SA

NORTH ARROW

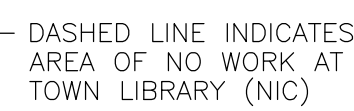
KEY PLAN

PROJECT NO:
DATE: 5/24/17
SCALE: 1/16" = 1'-0"
DRAWN: GWG
CHECKED BY: SC

PLUMBING
DETAILS & NOTES

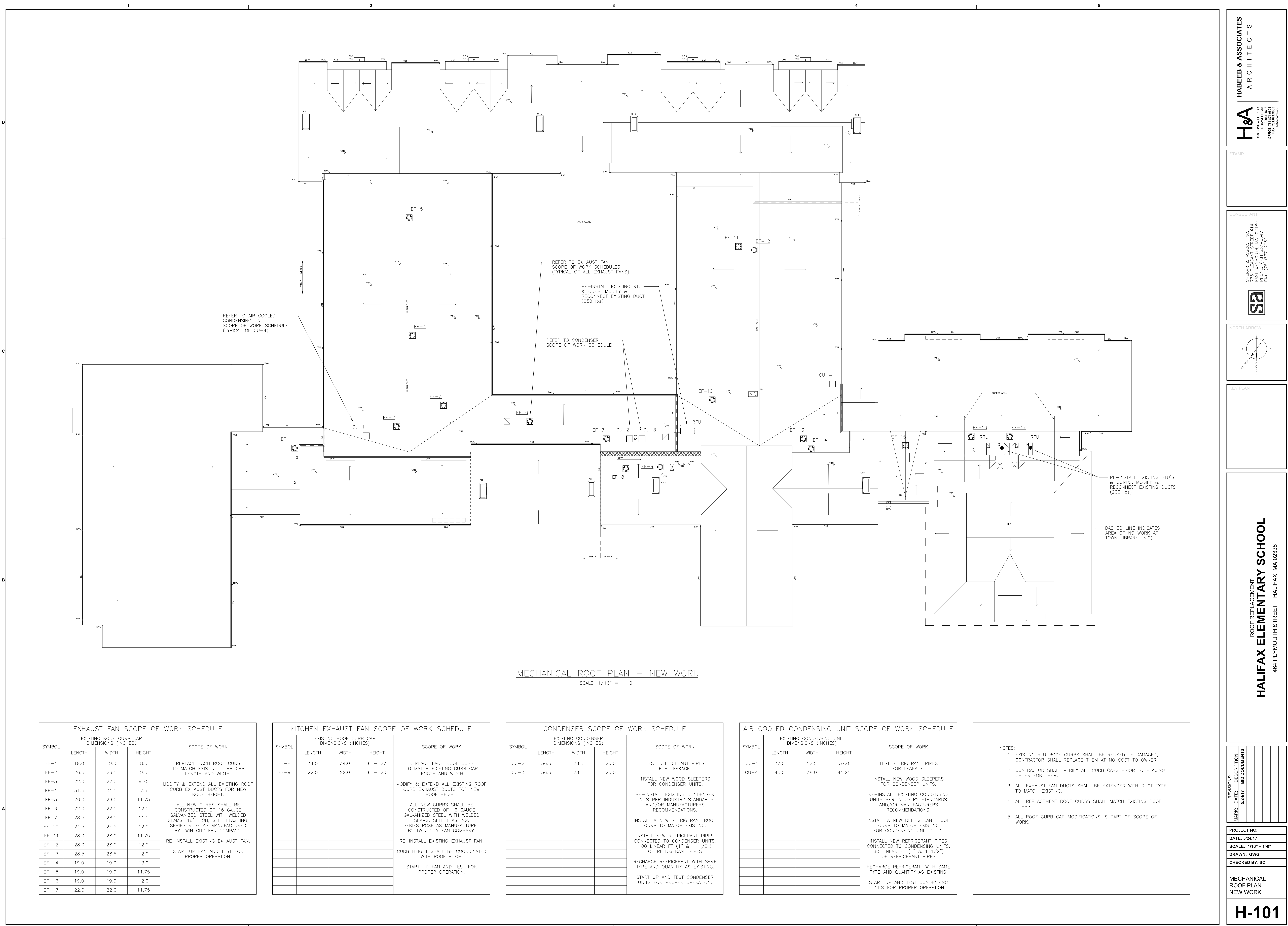
P-102

ROOF REPLACEMENT
HALIFAX ELEMENTARY SCHOOL
464 PLYMOUTH STREET HALIFAX, MA 02338

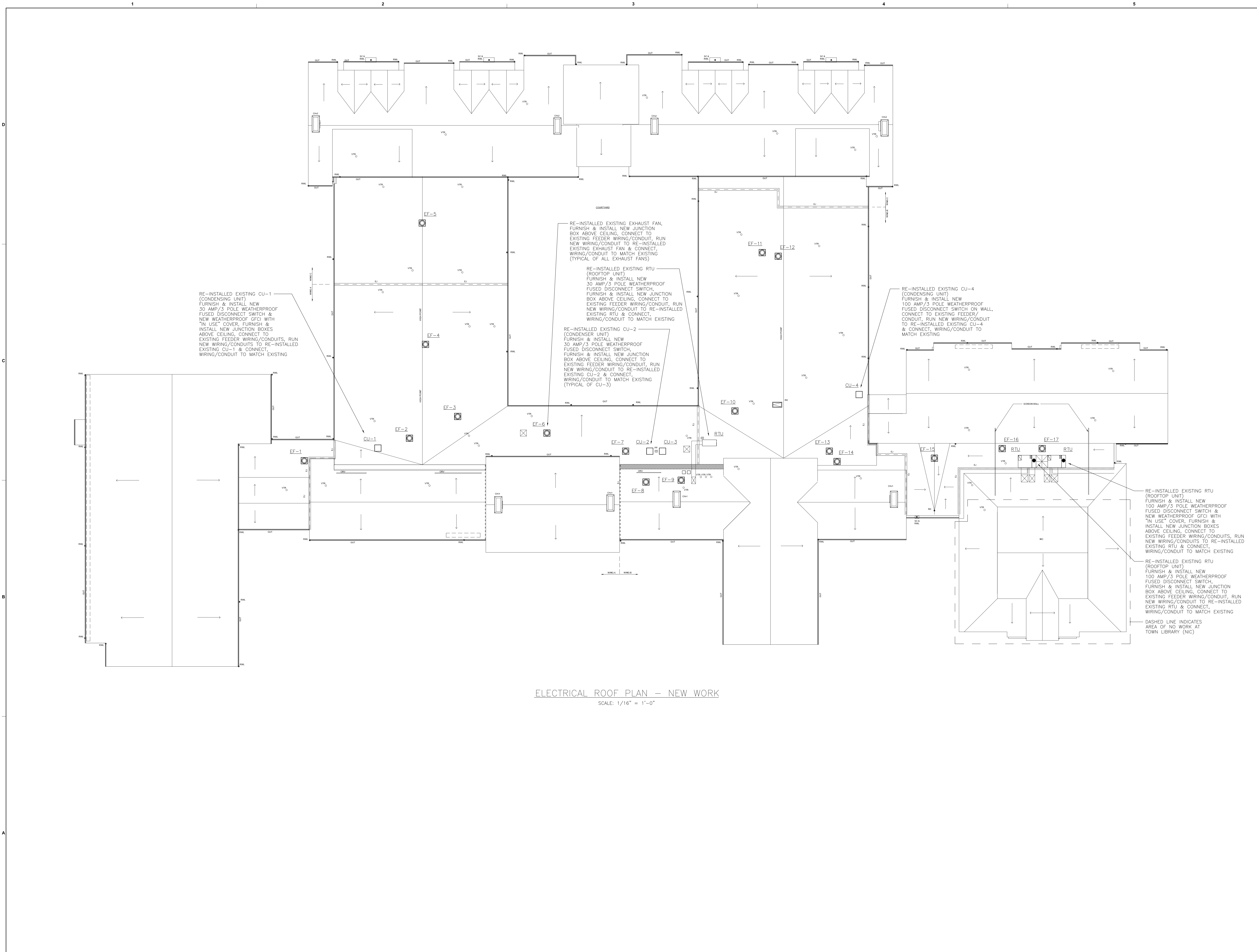


SCALE: $1/16" = 1'-0"$

H-100







H&A

HABEEB & ASSOCIATES
ARCHITECTS

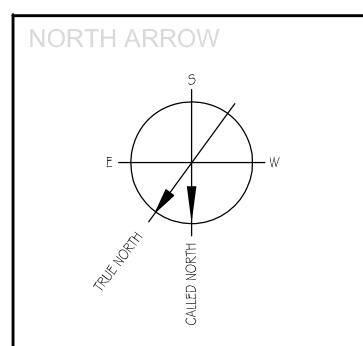
100 LONGWATER DR
ROXBURY, MA 02119
TEL: 617-552-1818
FAX: 617-552-1805
habeebandassociates.com

STAMP

CONSULTANT

SIEGAL & ASSOC.
INC.
775 PLEASANT STREET #14
EAST WYOMOUTH, MA 02189
TEL: 781-337-2327
FAX: 781-337-2952

SA



KEY PLAN

REVISIONS:

MARK	DATE	DESCRIPTION
5/24/17	5/24/17	BID DOCUMENTS

PROJECT NO:

DATE: 5/24/17

SCALE: 1/16" = 1'-0"

DRAWN: GWG

CHECKED BY: SC

ELECTRICAL
ROOF PLAN
NEW WORK

E-101

REVISIONS:

MARK	DATE	DESCRIPTION
5/24/17	5/24/17	BID DOCUMENTS

PROJECT NO:

DATE: 5/24/17

SCALE: 1/16" = 1'-0"

DRAWN: GWG

CHECKED BY: SC

ELECTRICAL
ROOF PLAN
NEW WORK

E-101