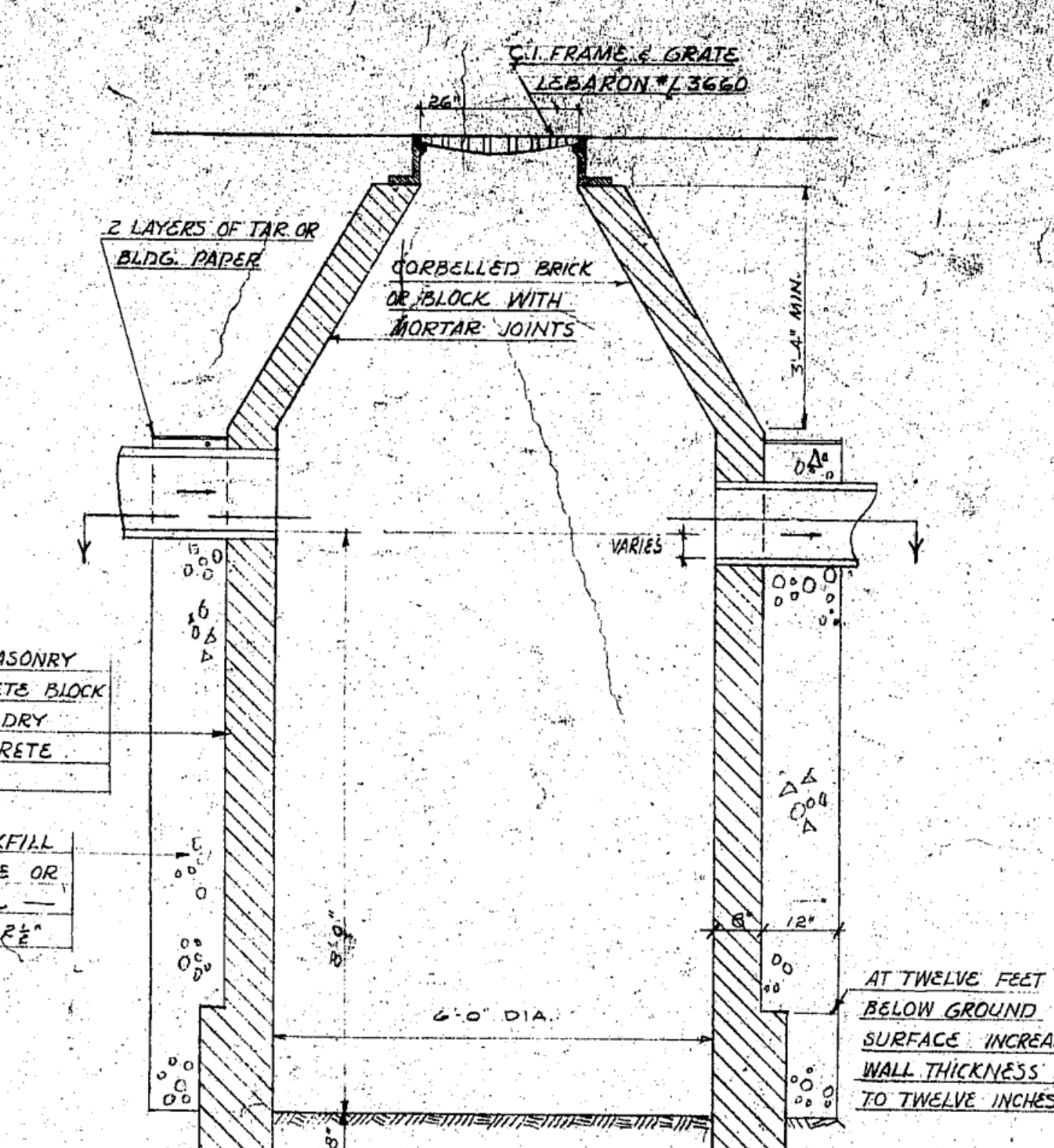
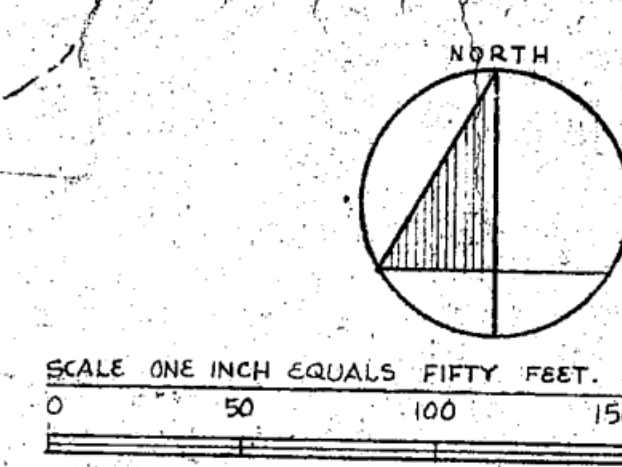
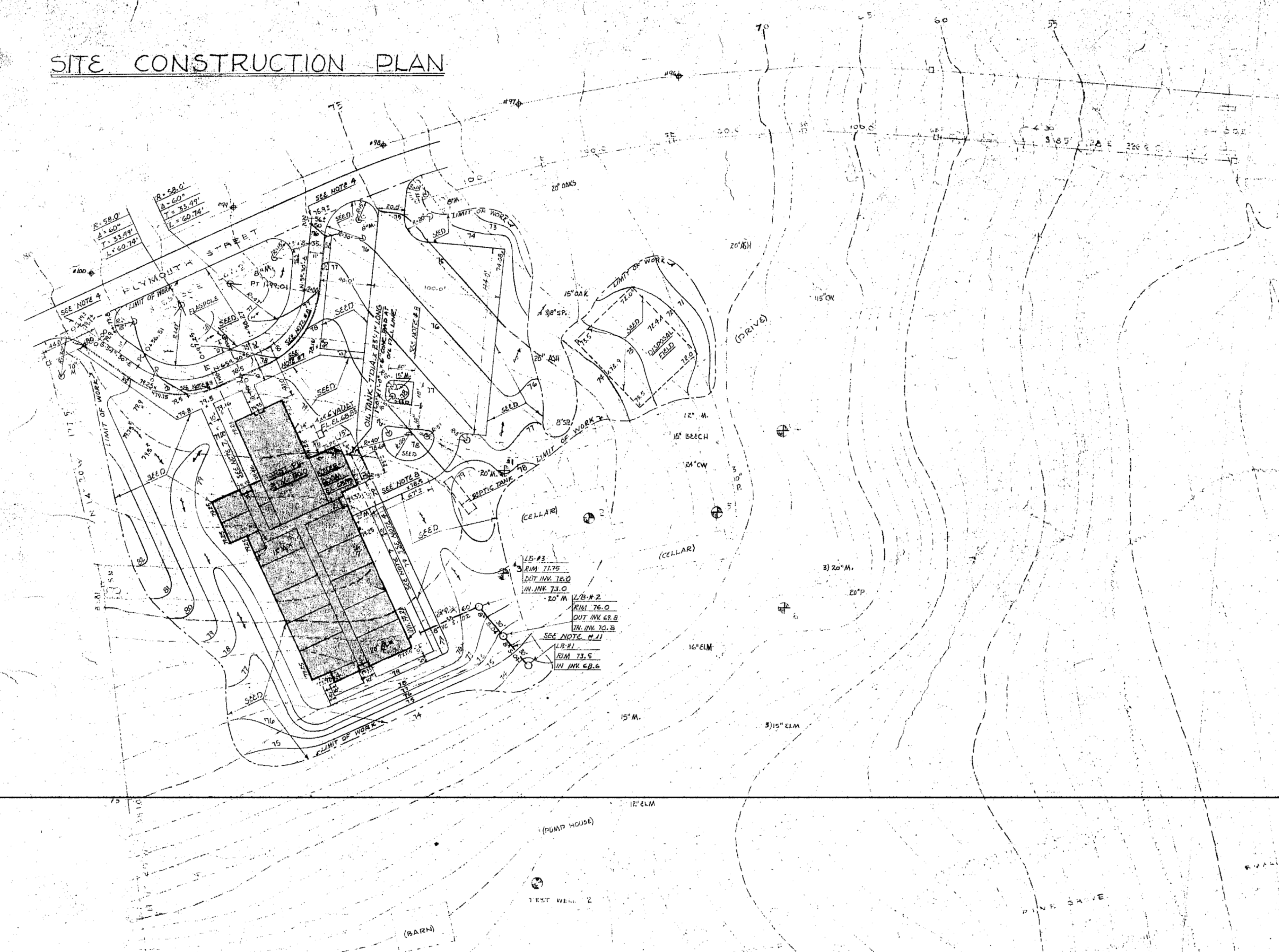
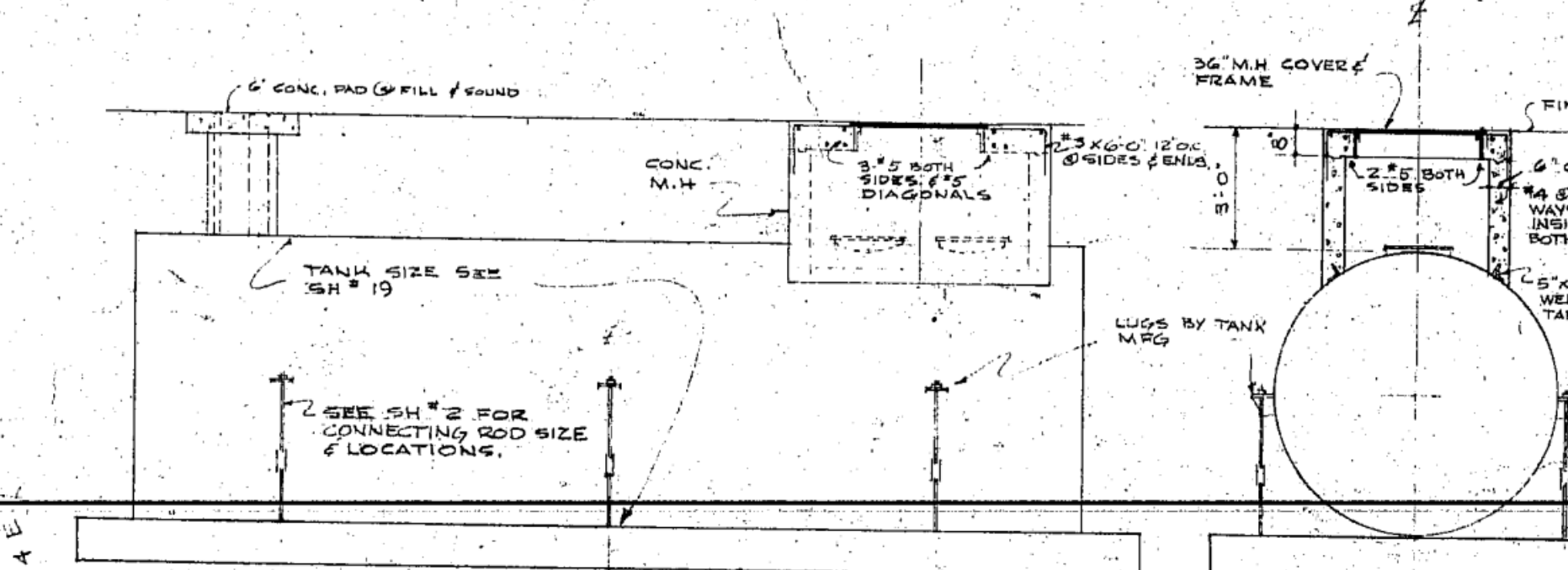


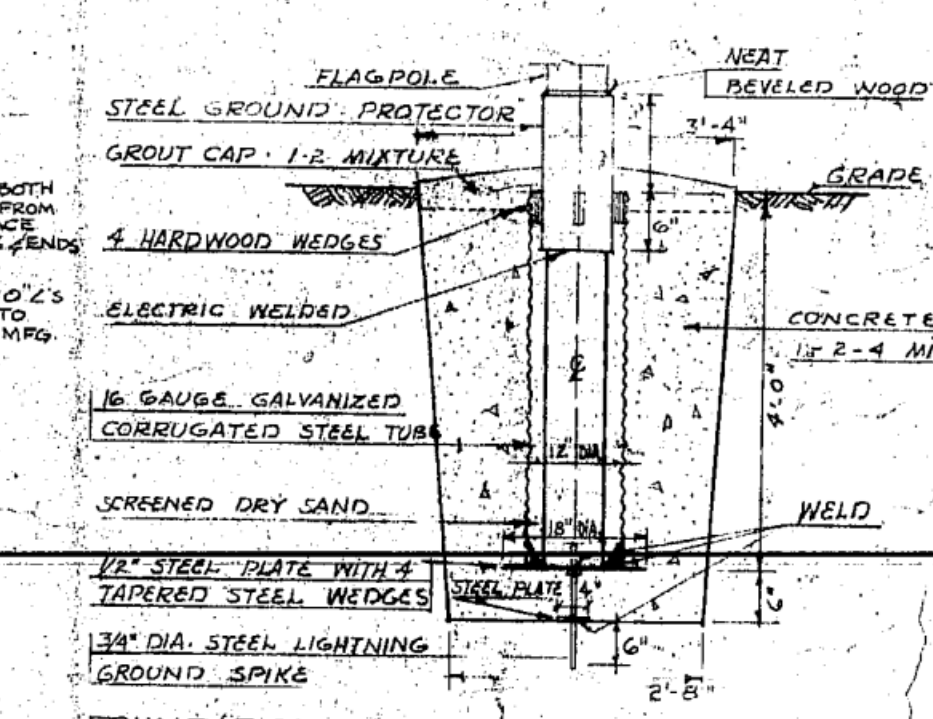
SITE CONSTRUCTION PLAN



MATERIAL SYMBOLS			
ACT	ACQUATIC TILE	OG	OBSCURE GLASS
AL	ALUMINUM	PB	PUMICE BLOCK
AST	ASPHALT TILE	PG	PLATE GLASS
BSL	BLUESTONE	PL	PLASTER
BN	BULLNOSE	PLD	PAINED
BR	BRICK	PLK	KEENE CEMENT PLASTER
COM	COMPOSITION	PLY	PLYWOOD
CONC	CONCRETE	RAD	RADIATOR
COP	COPPER	RT	RUBBER TILE OVE BASE
CR	CHAIR RAIL	RWG	RUBBER WIRE GLASS
CR COP	COLD ROLLED COPPER	S	SINK
CS	CONSTRUCTION SHOWING	SFT	STRUCTURAL FACING TILE
CT	CERAMIC TILE	SG	SHEET GLASS
CV	COVE	SH	SHELVES
DF	DRINKING FOUNTAIN	SO	STUCCO
DP	DAMP PROOFING	ST	STEEL
FE	FIRE EXTINGUISHER CABINET	SW	SWITCH
GL	WINDOW GLASS	TS	TACKBOARD
GRAND	GRANOLITHIC	TH	THRESHOLD
GYP	GYPSPUM	U	USUAL
HM	HOLLOW METAL	UR	UNIT HEATER
L	LAVATORY	UV	UNIT VENTILATOR
LC	LEAD COATED	V	VENT
LINO	LINOLEUM	VINYL	VINYL ASBESTOS TILE
MA	MASTIC	WC	WATER CLOSET
MAR	MARBLE	WD	WOOD
MI	MIRROR	WPL	WIRE PLATE GLASS
MR	MAP RAIL	WH	WALL HYDRANT



DETAILS OF OIL STORAGE TANK
1/4\"/>



① GROUND ELEV. 78.5		② GROUND ELEV. 78.5	
1'-0"	SANDY LOAM S-1	1'-0"	SANDY LOAM S-1
1'-0"	BKN SAND AND GRAVEL S-2	1'-0"	BKN SILT SAND F GRAVEL SUBSOIL S-2
2'-0"	F TO M GREY SAND S-3	3'-0"	SAND AND F TO M GRAVEL S-4
6'-0"	F TO M GRAVEL S-4	4'-0"	F SAND S-5
7'-0"		1'-0"	

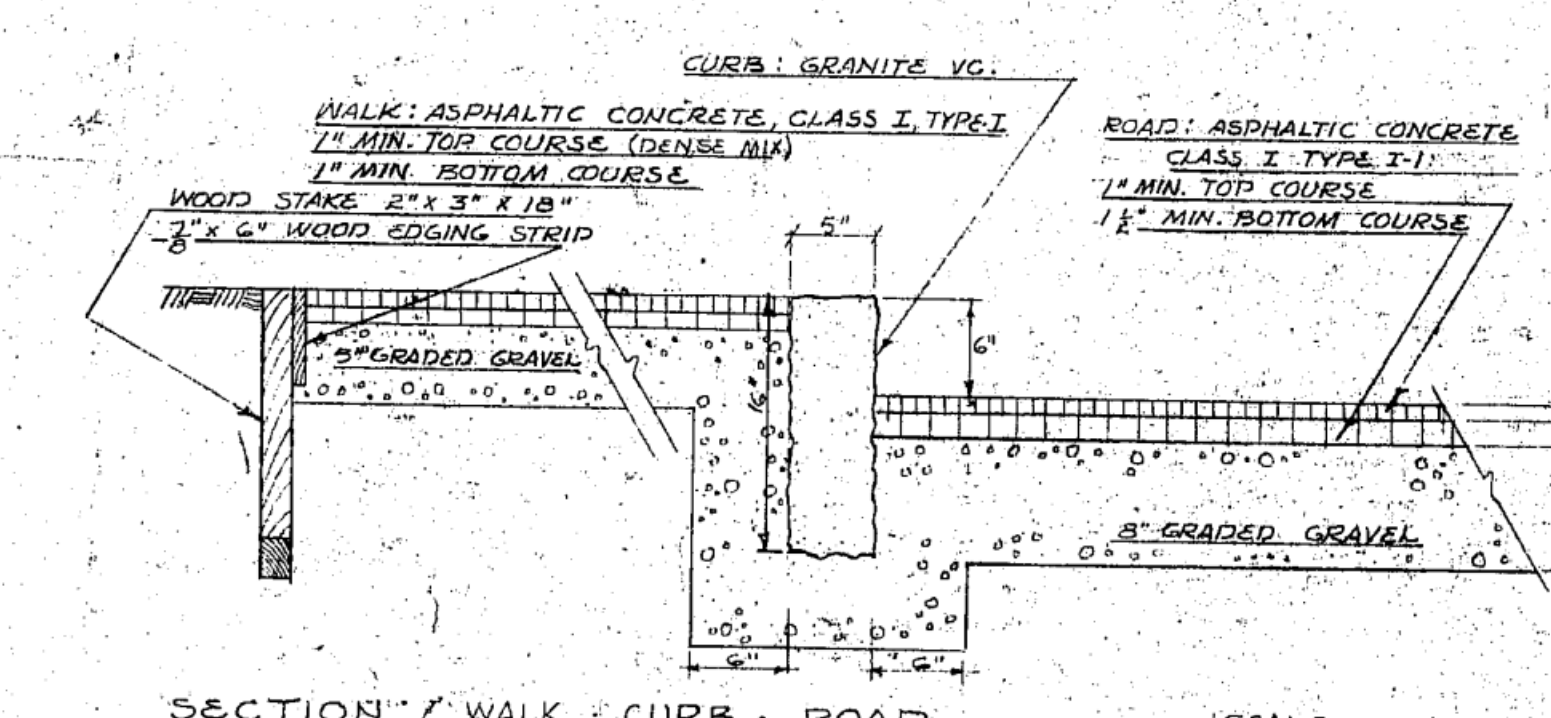
NOTE: FIGURES IN RIGHT COLUMN INDICATE NUMBER OF BORINGS REQUIRED TO DRIVE 1 1/2\"/>

HALIFAX ELEMENTARY SCHOOL

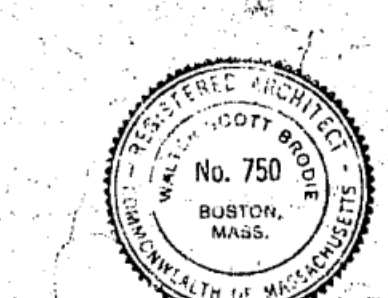
- NOTES:
- EXISTING CONDITIONS TRACED FROM PLAN BY MALCOLM T. SHAW, LANDSURVEYOR, PLYMPTON, MASSACHUSETTS, DATED JUNE, 1956.
 - FOR DIMENSIONS OF BUILDING SEE DWG. #
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND. ALL DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT FOR DECISION.
 - THE EXACT LAYOUT AND GRADING IN THIS AREA SHALL BE DETERMINED ON THE GROUND BY THE ARCHITECT.
 - ALL DIMENSIONS TO BUILDING ARE TO FACE OF CONCRETE FOUNDATION.

- THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS.
- WALK PAVEMENT: ASPHALTIC CONCRETE, CLASS I, TYPE I-1, 1" MIN. TOP COURSE, 1" MIN. BOTTOM COURSE ON 5" GRADED GRAVEL BASE. (TOP COURSE TO BE DENSE MIX)
- ROAD PAVEMENT: ASPHALTIC CONCRETE, CLASS I, TYPE I-1, 1" MIN. TOP COURSE, 1 1/2" MIN. BOTTOM COURSE ON 5" GRADED GRAVEL BASE.
- CURB: GRANITE TYPE VC. (CEMENT JOINTS)
- BORING DATA BY H.C. BRITT CO., TOWNSEND, MASSACHUSETTS, DATED 3/15/57.
- STORM DRAIN LINE TO BE OPEN JOINT WITH TAR PAPER OVER JOINT.

- LEGEND:
- EXISTING CONTOUR
 - PROPOSED CONTOUR
 - PROPOSED SPOT ELEVATION
 - EXISTING TREE
 - EXISTING TREE TO BE CUT
 - STORM DRAIN LINE
 - LEACHING BASIN
 - SURFACE WATER FLOW LINE
 - BORING LOCATION
 - LIMIT OF WORK
 - EXISTING POLES



SECTION: WALK - CURB - ROAD
SCALE 1\"/>



KILHAM, HOPKINS, GREELEY & BRODIE
9 ARLINGTON STREET
BOSTON, MASS.
ARCHITECTS

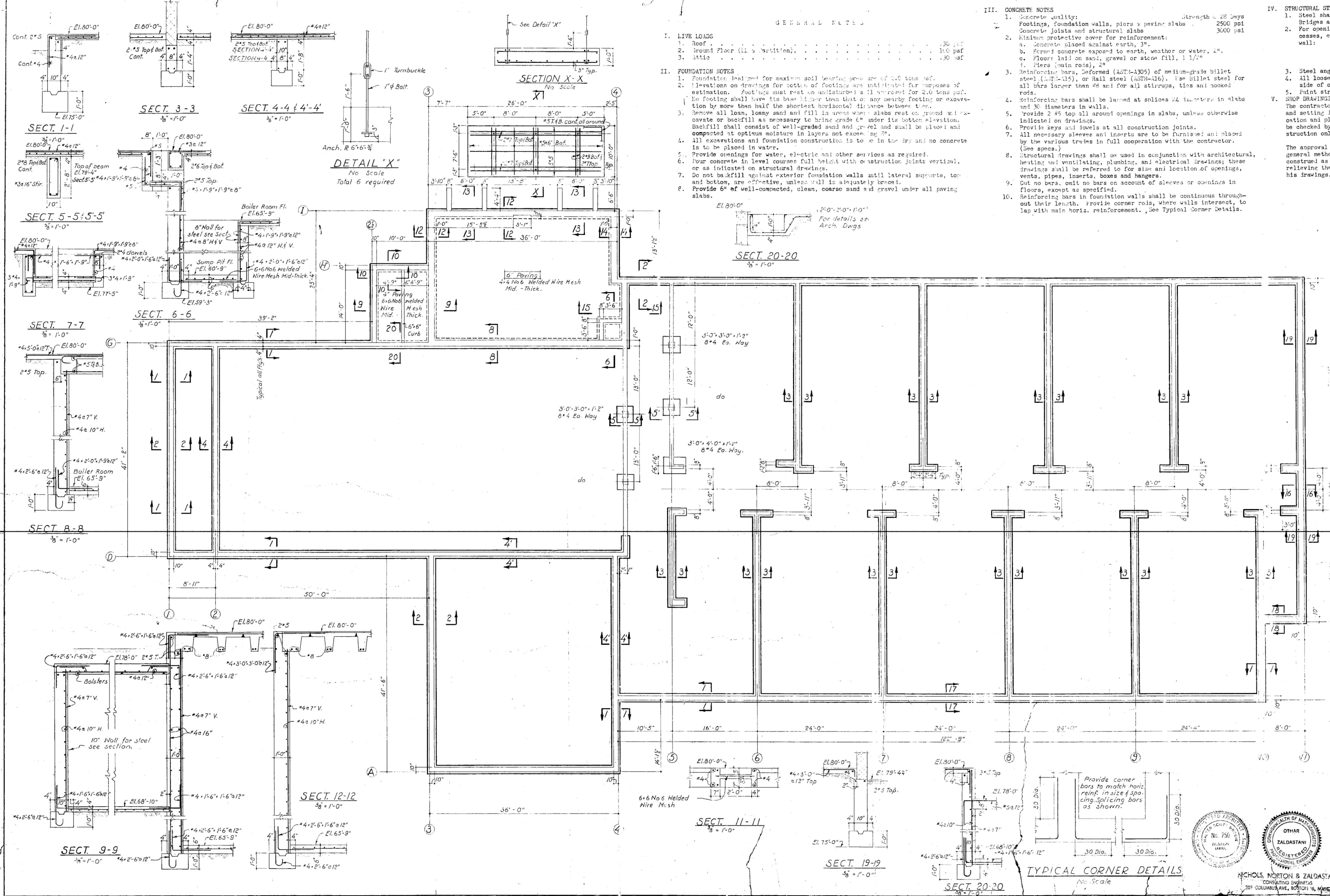
REVISIONS: Title of building
The HALIFAX ELEMENTARY SCHOOL
HALIFAX, MASS.

DATE NOV. 25 1956 Title of drawing
PLOT PLAN

DRAWN BY
TRACED BY

FILE NO.
2451

SHEET NO.
1



- GENERAL NOTES**
- LIVE LOADS**
 - Roof 30 psf
 - Ground Floor (11 x 11 ft.) 100 psf
 - Attic 30 psf
 - FOUNDATION NOTES**
 - Foundation shall rest on maximum soil bearing pressure of 2.0 tons per sq. ft.
 - Elevations on drawings for setting of footings are indicated for purposes of estimation. Footings must rest on undisturbed soil approved for 2.0 tons per sq. ft. No footing shall have its base higher than that of any nearby footing or excavation by more than half the shortest horizontal distance between them.
 - Remove all loam, lumpy sand and fill in areas where slabs rest on ground and excavate or backfill as necessary to bring grade 6" under its bottom elevation. Backfill shall consist of well-graded sand and gravel and shall be placed and compacted at optimum moisture in layers not exceeding 8".
 - All excavations and foundation construction is to be in the dry and no concrete is to be placed in water.
 - Provide openings for water, electric and other services as required.
 - Four concrete in level courses full height with construction joints vertical, or as indicated on structural drawings.
 - Do not backfill against exterior foundation walls until lateral supports, top and bottom, are effective, unless wall is adequately braced.
 - Provide 6" of well-compacted, clean, coarse sand and gravel under all paving slabs.

- III. CONCRETE NOTES**
- Concrete quality: Strength 28 Days
Footings, Foundation walls, piers & paving slabs 2500 psi
Concrete joists and structural slabs 3000 psi
 - Minimum protective cover for reinforcement:
 - Concrete placed against earth, 3".
 - Formed concrete exposed to earth, weather or water, 2".
 - Floors laid on sand, gravel or stone fill, 1 1/2".
 - Piers (main rods), 2".
 - Reinforcing bars, Deformed (ASTM-A305) of medium-grade billet steel (ASTM-A36), or Rail steel (ASTM-A36). Use Billet steel for all bars larger than #4 and for all stirrups, ties and hooked rods.
 - Reinforcing bars shall be lapped at splices 24 diameters in slabs and 30 diameters in walls.
 - Provide 2 #5 top all around openings in slabs, unless otherwise indicated on drawings.
 - Provide keys and dowels at all construction joints.
 - All necessary sleeves and inserts are to be furnished and placed by the various trades in full cooperation with the contractor. (See specs.)
 - Structural drawings shall be used in conjunction with architectural, heating and ventilating, plumbing, and electrical drawings; these drawings shall be referred to for size and location of openings, vents, pipes, inserts, boxes and hangers.
 - Cut no bars, omit no bars on account of sleeves or openings in floors, except as specified.
 - Reinforcing bars in foundation walls shall be continuous throughout their length. Provide corner rods, where walls intersect, to lap with main horiz. reinforcement. See Typical Corner Details.

- IV. STRUCTURAL STEEL NOTES**
- Steel shall conform to A.S.T.M. standard specification A-7 "Steel for Bridges and Buildings" as amended to date.
 - For openings in masonry walls over ventilation ducts, heater intakes, recesses, etc., not otherwise provided for, provide for each 4" thickness of wall:
 - 1L 3 x 3 x 5/16 for openings not over 5'0" long.
 - 1L 3 1/2 x 3 1/2 x 5/16 for wider openings up to 7'0" long.
 - 1L 4 x 3 1/2 x 3/8 for wider openings up to 10'0" long.
 - Steel angles in pairs shall be plug welded together every 12 inches.
 - All loose lintel angles to have a minimum 6" bearing on solid masonry each side of openings.
 - Paint structural steel, except anchor bolts one shop coat.
- V. SHOP DRAWINGS**
- The contractor shall submit to the Architect for his approval schedules, shop and setting drawings, giving all the necessary details for the proper fabrication and placing of reinforcing and structural steel. These drawings shall be checked by the contractor prior to submission and shall be used for construction only after they are approved by the Architect.
- The approval of the drawings by the Architect will indicate only that the general method of construction and detailing is satisfactory and shall not be construed as permitting any departure from the contract requirements, or as relieving the contractor of the responsibility for errors that may occur in his drawings.

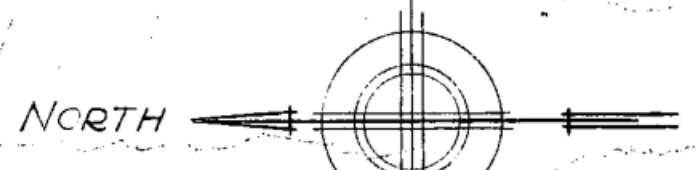
- V. WOOD CONSTRUCTION NOTES**
- Lumber shall be Douglas Fir, Coast Region (Pseudotsuga taxifolia) of the following stress grade:
General Framing, Joist & Plank: 1200F grade.
Members whose least dimension is 6" or larger shall be Construction Grade. Beams and stringers (1500F grade), Posts and Timbers (1200F grade).
 - Provide 5/8" x 1 1/4" anchor bolts spaced not more than 6'0" o.c. to anchor wood superstructure for exterior and interior walls. Provide 1 bolt each side of and adjacent to corner posts and openings.
 - Bolts for timber connections shall be 1/2" dia. with 2 1/2" Split Ring Connectors, unless otherwise indicated on drawings. (See Detail "A", Dwg. S-4). Wood screws shall be 3/8" lag screws.

Bolts and lag screws shall be spaced and shall have the minimum clearances indicated in the following table:

	Load	Spacing	Edge Margin	Edge Distance
1/2" dia. bolts to Grain with split ring connections	Parallel to Grain	6 3/4"	5 1/2"	1 3/4"
	Perpendicular to Grain	3 1/2"	5 1/2"	1 3/4"
3/8" lag screws Parallel to Grain	Parallel to Grain	1 1/2"	2"	1"
	Perpendicular to Grain	1 1/2"	2"	1 1/2"

- Connections (split rings, shearplates etc.) shall be installed in accordance with manufacturers directions and are designed for Grade B or better woods.
- Provide washers for all bolts through wood as follows: 1/2" dia. bolts - 2 x 2 x 3/16" dia. washers. 5/8" dia. bolts - 3 x 3 x 3/16" dia. washers.
- Bolts shall be firmly tightened at time of erection and again at the completion of bldg.
- Provide 3/4" camber to all trussed rafters.
- Wall diagonal sheathing to each support with not less than:
2-8d nails for 1 x 6 boards.
3-8d nails for 1 x 8 and wider at the boundaries provide in addition
3-8d nails for 1 x 6 boards.
4-8d nails for 1 x 8 and wider.
End joints in adjacent boards shall be separated by at least 2 boards on the same support.

- NOTES**
- For concrete wall elevations see Dwg. S-2.
 - For column details see S-4.
 - For sections not shown on this drawing see Dwg. S-2.



KILHAM, HOPKINS, GREELEY & BRODIE
ARCHITECTS
ARLINGTON STREET BOSTON, MASS.

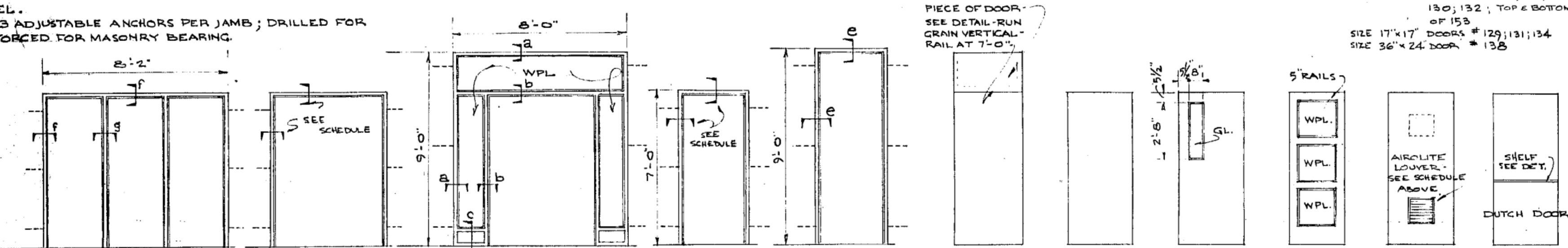
KHALIF ELEMENTARY SCHOOL
ALIFAX

DATE NOV 1955
DRAWN BY V.D.
TRACED BY

FILE NO. 2451
SCALE 1/8" = 1'-0"

FOUNDATION PLAN

NOTE: ALL HOLLOW METAL FRAMES TO BE 16 GAUGE EXCEPT FRAME TYPE III IS TO BE 14 GAUGE STEEL.
ALL H.M. FRAMES TO HAVE 3 ADJUSTABLE ANCHORS PER JAMB; DRILLED FOR SILENCERS; HEADS REINFORCED FOR MASONRY BEARING.

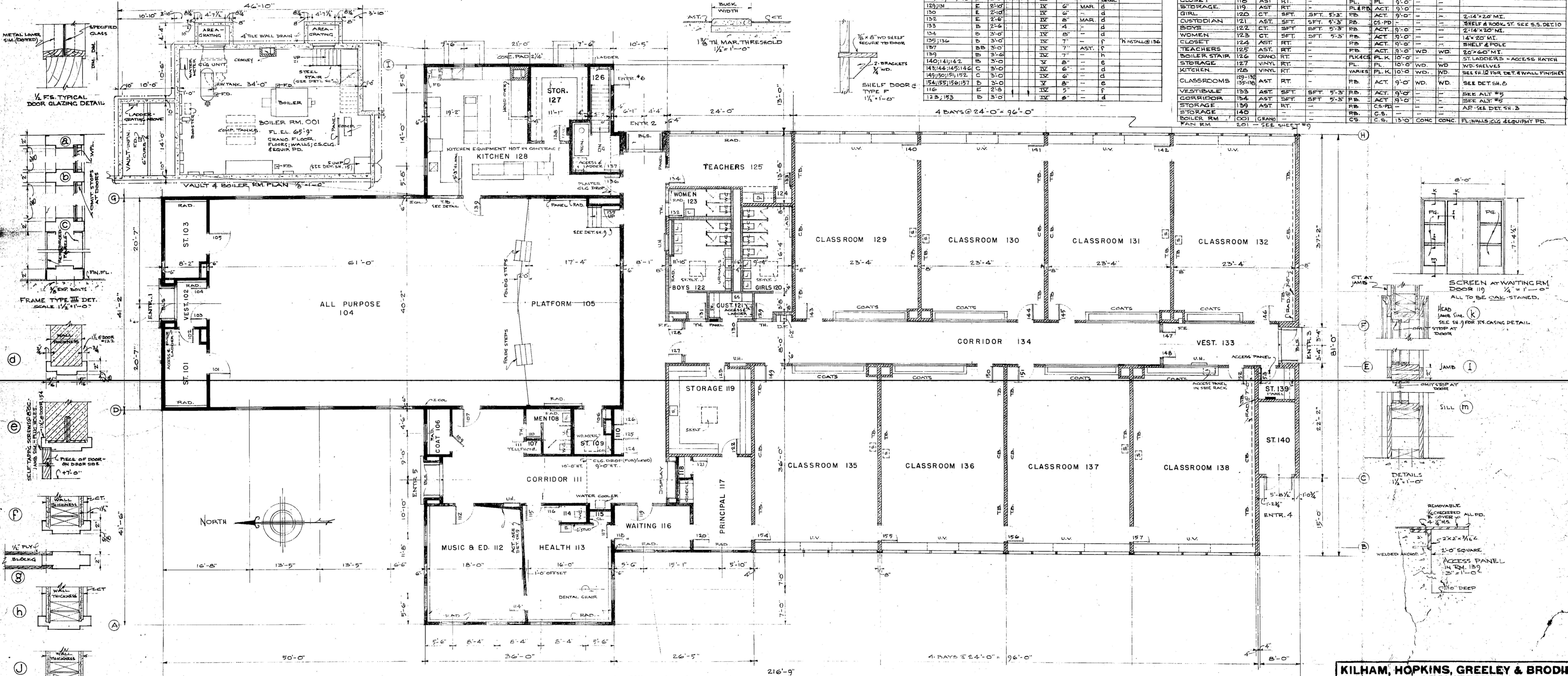


ELEVATIONS OF HOLLOW METAL DOOR FRAMES SCALE 1/4" = 1'-0"

AIRLUITE LOWER SCHEDULE
SIZE 12"x12" DOORS # 106, 110, 116, 123;
130, 132, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

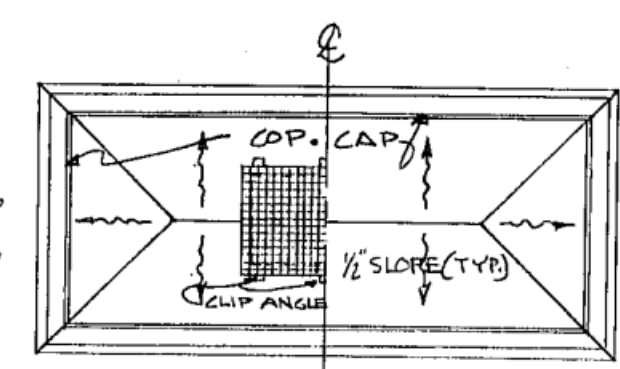
DOOR SCHEDULE									
DOOR NO.	TYPE	W.	H.	TH.	FRAME	WALL	THRESH.	INSTALL	REMARKS
101, 105	B	4'-0"	7'-0"	1 1/4"	IV	7"	-	F	
102	B	2'-6"	7'-0"	1 1/4"	IV	7"	-	F	
103, 104	C	3'-0"	7'-0"	1 1/4"	II	7"	-	F	
106, 128	E	3'-6"	7'-0"	1 1/4"	IV	7"	-	J	5" WALL @ 138
107	C	3'-6"	7'-0"	1 1/4"	II	7"	-	F	
109	F	3'-0"	7'-0"	1 1/4"	IV	5"	-	F	
110	E	2'-6"	7'-0"	1 1/4"	IV	5"	-	MAR.	
111	D	2'-2"	7'-0"	1 1/4"	IV	5"	-	F	
112	C	3'-6"	7'-0"	1 1/4"	II	5"	-	F	
114	B	3'-0"	7'-0"	1 1/4"	IV	5"	-	F	
115	B	3'-0"	7'-0"	1 1/4"	IV	5"	-	F	
117, 121	B	2'-8"	7'-0"	1 1/4"	IV	5"	-	F	
118, 120	B	2'-4"	7'-0"	1 1/4"	IV	7"	-	F	
119	D	2'-10"	7'-0"	1 1/4"	WD.	-	-	-	SEE DET. SH. 3
122	B	3'-0"	7'-0"	1 1/4"	IV	6"	-	F	
124, 125, 126	D	2'-6"	7'-0"	1 1/4"	I	5"	-	F	
127, 128, 147, 148	D	2'-6"	7'-0"	1 1/4"	III	6"	-	MAR.	
129, 131	E	2'-10"	7'-0"	1 1/4"	IV	6"	-	MAR.	
132	E	2'-6"	7'-0"	1 1/4"	IV	6"	-	MAR.	
133	B	2'-6"	7'-0"	1 1/4"	IV	4"	-	F	
134	B	3'-0"	7'-0"	1 1/4"	IV	6"	-	F	
135, 136	B	3'-0"	7'-0"	1 1/4"	IV	7"	-	F	1" INSTALL @ 136
137	BB	3'-0"	7'-0"	1 1/4"	IV	7"	-	AST.	
139	B	3'-6"	7'-0"	1 1/4"	IV	7"	-	F	
140, 141, 142	B	3'-0"	7'-0"	1 1/4"	V	8"	-	F	
143, 144, 145, 146	C	3'-0"	7'-0"	1 1/4"	IV	6"	-	F	
149, 150, 151, 152	C	3'-0"	7'-0"	1 1/4"	IV	6"	-	F	
154, 155, 156, 157	B	3'-0"	7'-0"	1 1/4"	V	8"	-	F	
116	E	2'-8"	7'-0"	1 1/4"	IV	5"	-	F	
123, 133	B	3'-0"	7'-0"	1 1/4"	IV	6"	-	F	

ROOM FINISH SCHEDULE									
SPACE	NO.	FLOOR	BASE	WALLS	CEILING	WINDOW	REMARKS		
STORAGE	101, 103	AST.	RT.	CT.	WD.	PL.	9'-2 1/2"	-	WD. AS SPEC. TO BE STAINED
VESTIBULE	102	AST.	CT.	CT.	5'-3"	PL.	ACT.	9'-2 1/2"	-
ALL PURPOSE	104	VINYL	CT.	CT.	5'-3"	PL.	ACT.	14'-0"	WD. WD. SEE DET. SH. 9
PLATFORM	105	WD.	WD.	-	PL.	PL.	12'-9"	-	WD. WD. SEE DET. SH. 9
COAT ROOM	106	AST.	RT.	-	PL.	PL.	9'-0"	WD.	WD. SEE ALT. #5
TELEPHONE	107	AST.	RT.	-	WD.	PL.	7'-6"	-	SEE ALT. #5 SEE DET. SH. 10
MEN	108	CT.	CT. CV.	CT.	5'-3"	PL.	PL.	9'-0"	-
STORAGE	109	WD.	WD.	-	PL.	PL.	8'-0"	-	CR. & WD. SHELVES; AP DET. SH. 10
CLOSET	110	AST.	RT.	-	PLY.	PLY.	7'-6"	-	SEE DET. SH. 10 WD. SH.
CORRIDOR	111	AST.	CT.	CT.	5'-3"	PL.	ACT.	14'-0"	WD. WD. SEE ALT. #5
MUSIC & ED.	112	AST.	RT.	-	PL.	PL.	10'-0"	WD.	WD. CR. ACTION WALL SEE DET. SH. 9
HEALTH	113	AST.	RT.	-	PL.	PL.	10'-0"	WD.	WD. CR. ACTION WALL SEE DET. SH. 9
TOILET	114	AST.	RT.	-	PL.	PL.	9'-0"	WD.	WD. CR. ACTION WALL SEE DET. SH. 9
CLOSET	115	AST.	RT.	-	PL.	PL.	9'-0"	WD.	WD. CR. ACTION WALL SEE DET. SH. 9
WAITING	116	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
PRINCIPAL	117	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
CLOSET	118	AST.	RT.	-	PL.	PL.	9'-0"	WD.	WD. CR.
STORAGE	119	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
GIRL	121	CT.	SFT.	SFT.	5'-3"	PL.	ACT.	9'-0"	-
CUSTODIAN	121	CT.	SFT.	SFT.	5'-3"	PL.	ACT.	9'-0"	-
BOYS	122	CT.	SFT.	SFT.	5'-3"	PL.	ACT.	9'-0"	-
WOMEN	123	CT.	SFT.	SFT.	5'-3"	PL.	ACT.	9'-0"	-
CLOSET	124	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
TEACHERS	125	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
BOILER STAIR	126	GRAND.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
STORAGE	127	VINYL	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
KITCHEN	128	VINYL	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
CLASSROOMS	129-138	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
VESTIBULE	133	AST.	SFT.	SFT.	5'-3"	PL.	ACT.	9'-0"	-
CORRIDOR	134	AST.	SFT.	SFT.	5'-3"	PL.	ACT.	9'-0"	-
STORAGE	139	AST.	RT.	-	PL.	ACT.	9'-0"	WD.	WD. CR.
BOILER RM	140	GRAND.	-	-	PL.	ACT.	9'-0"	WD.	WD. CR.
PAN RM	201	SEE SHEET #9	-	-	PL.	ACT.	9'-0"	WD.	WD. CR.

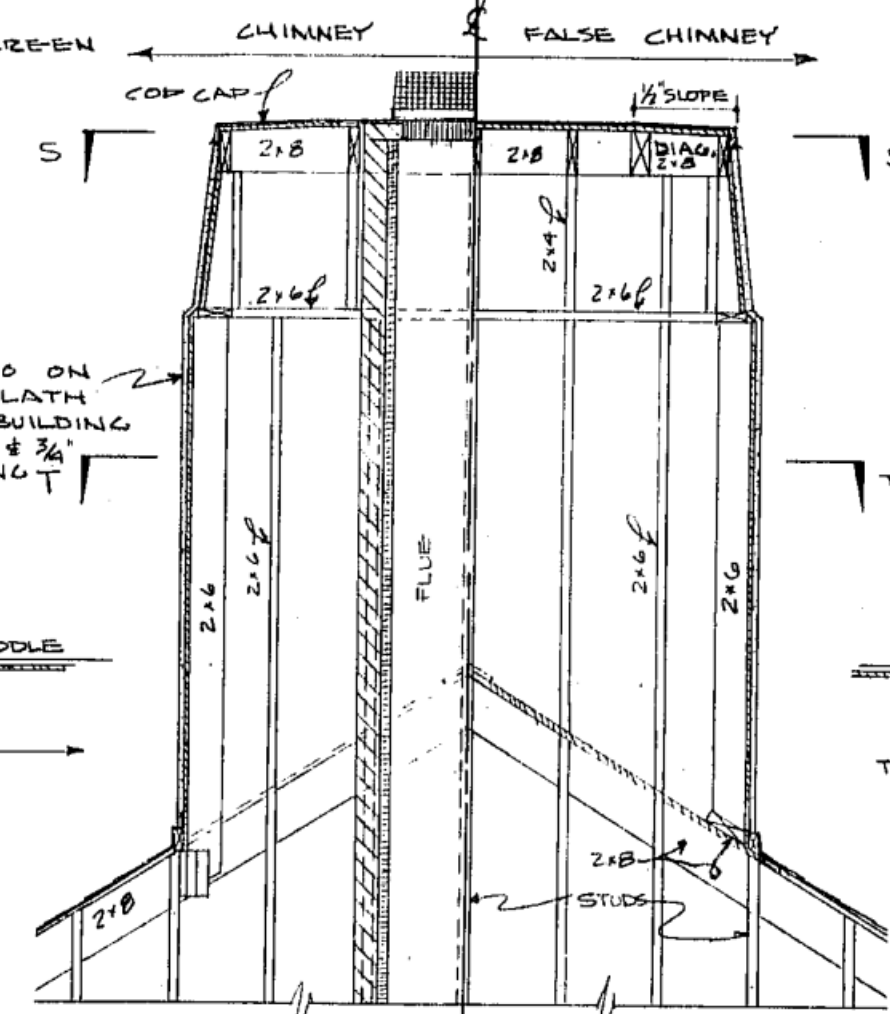


COP BEARING
STEEL SCREEN
COP. BEARING
2 1/4" STEEL BAR
1/4" MACH. SCW 2"
COP. CAP
2 1/4" x 2 1/4" SPARK SCREEN
2 1/2" COP BEARING
STEEL CLIP
ANGLE ATTACHED
TO COP. CAP

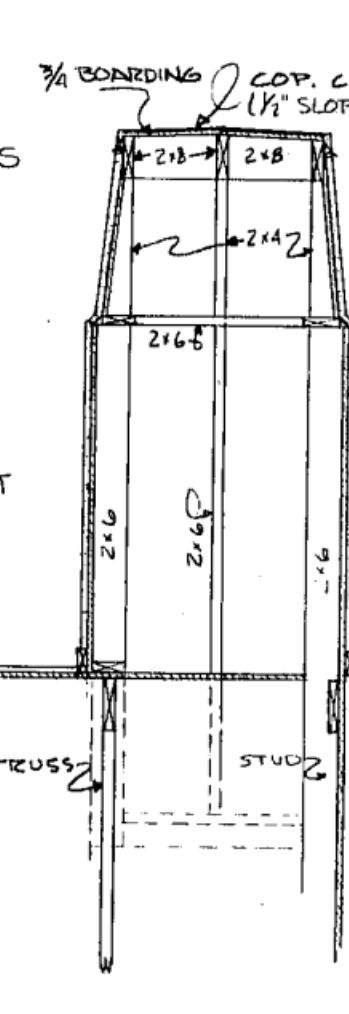
SPARK SCREEN DETAIL
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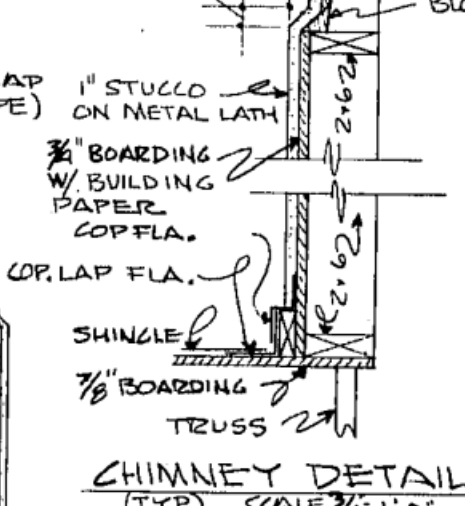
PLAN



SECTION X-X

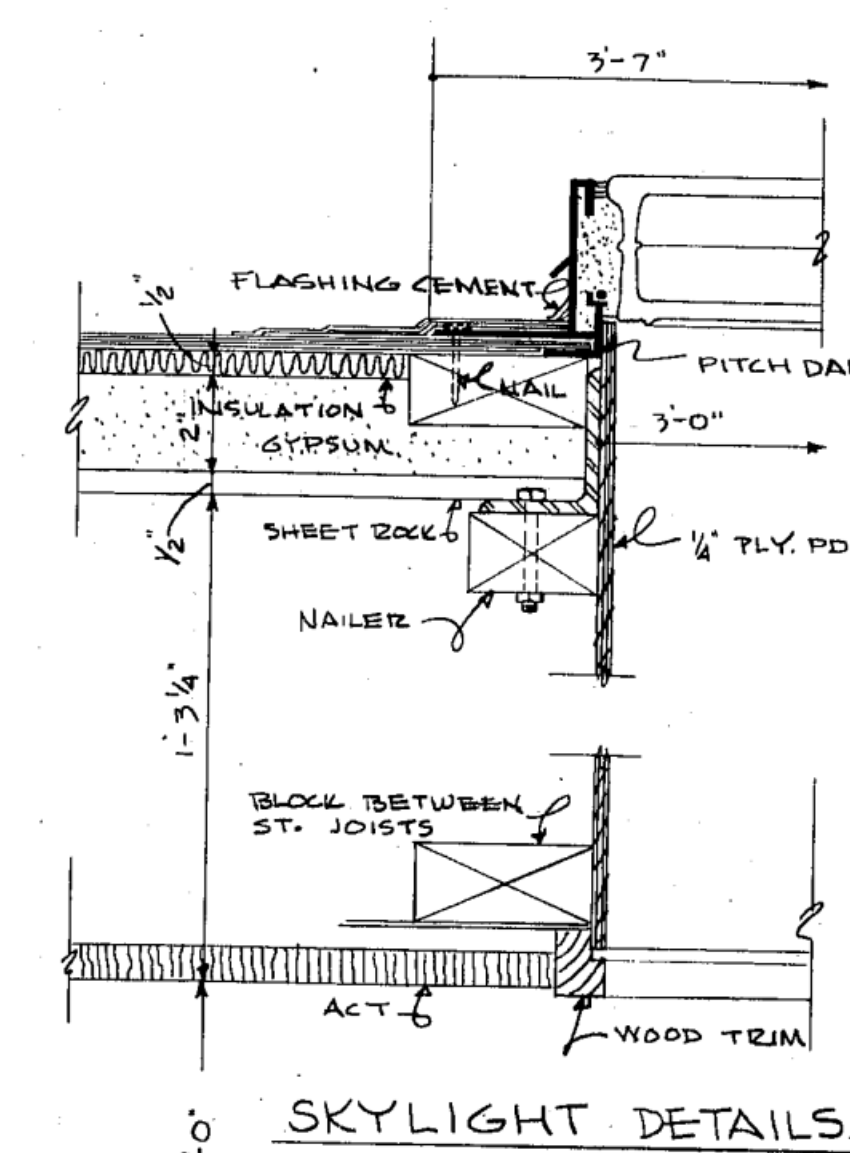
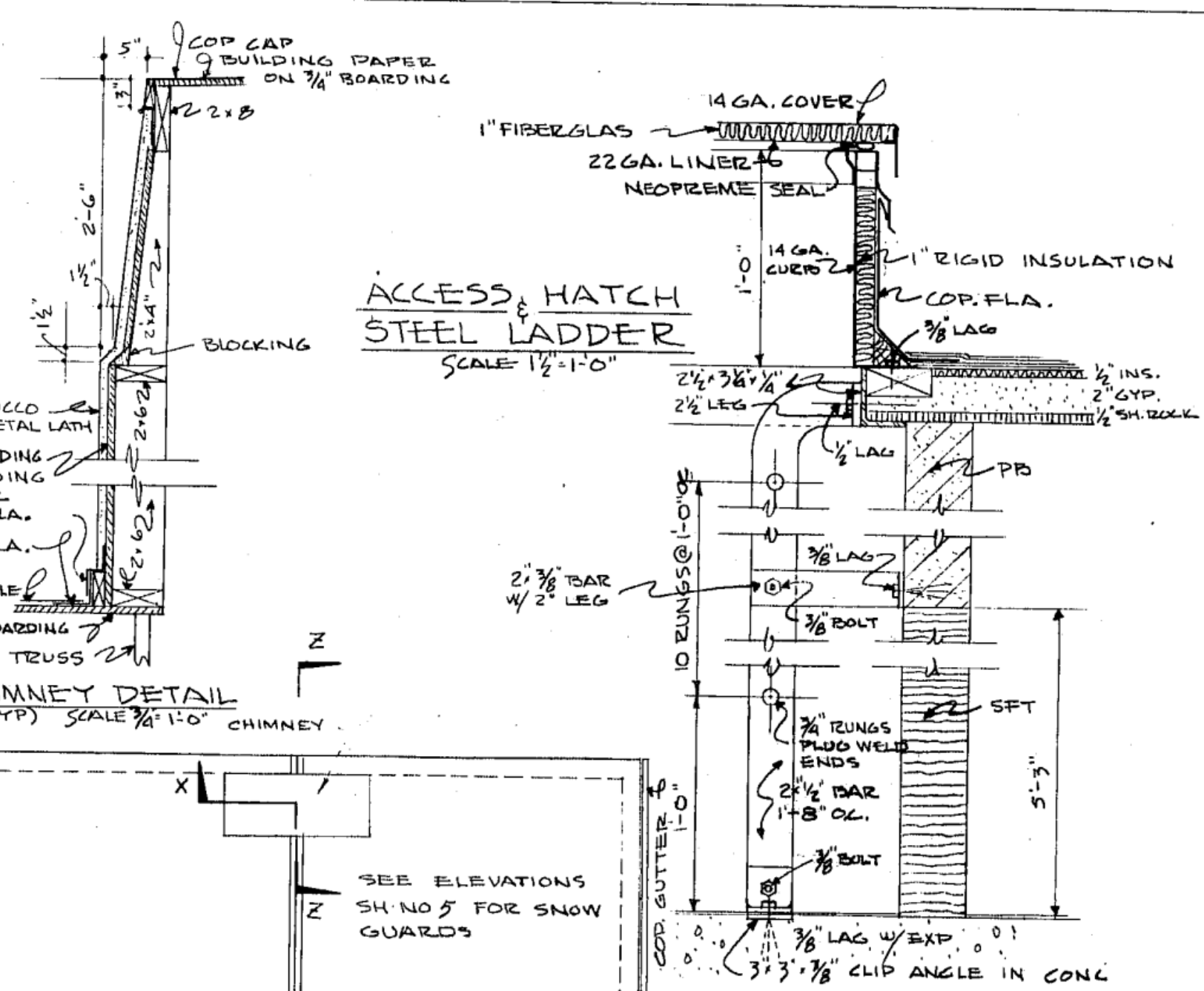


SECTION Y-Y

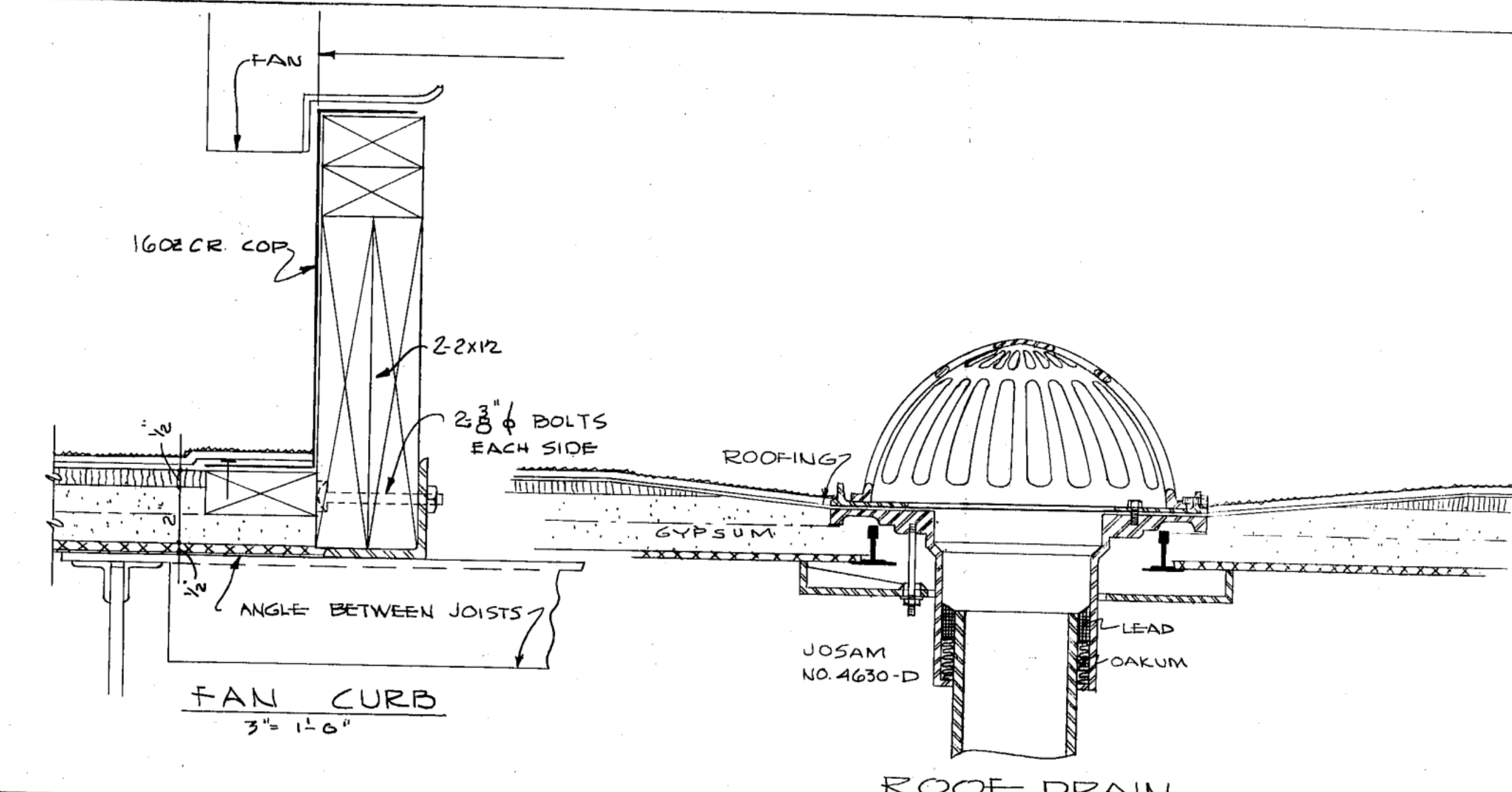


CHIMNEY DETAIL
(TYP) SCALE 3/8" = 1'-0" CHIMNEY

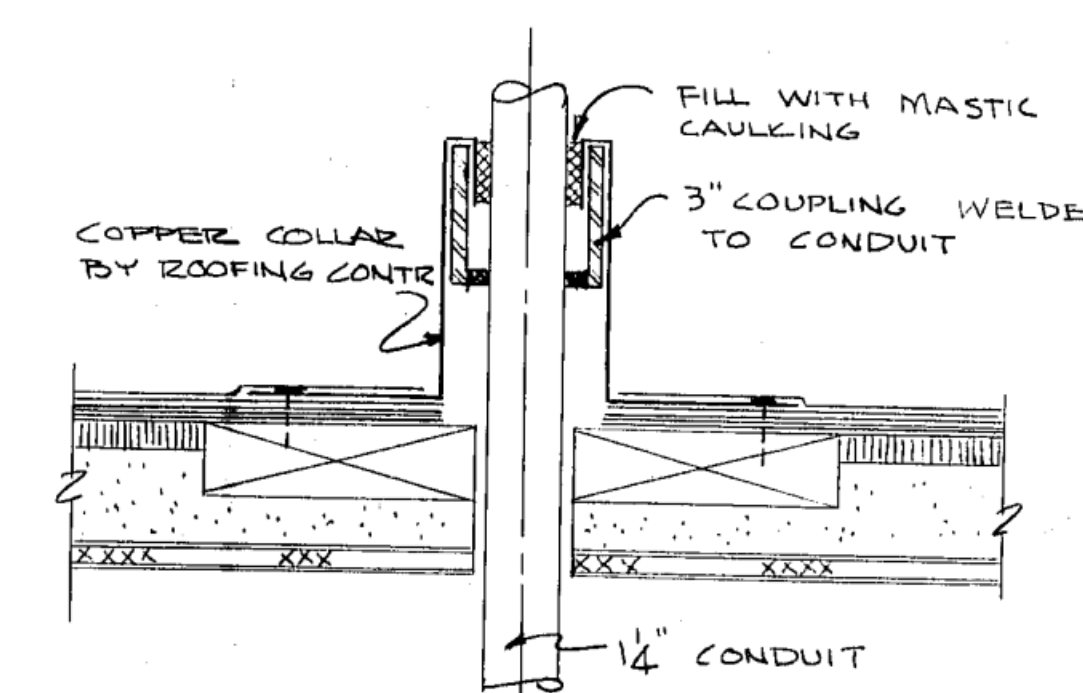
ACCESS HATCH
STEEL LADDER
SCALE 1 1/2" = 1'-0"



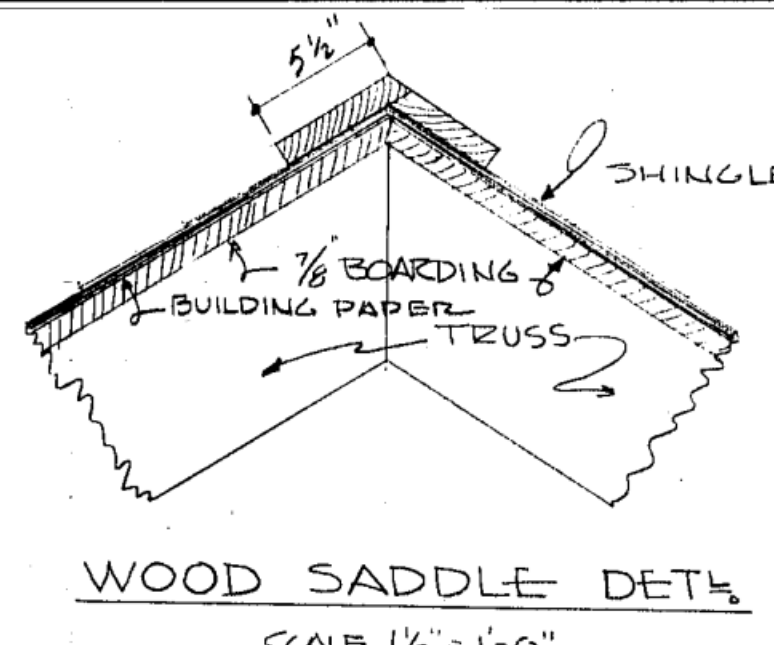
SKYLIGHT DETAILS
SCALE 3" = 1'-0"



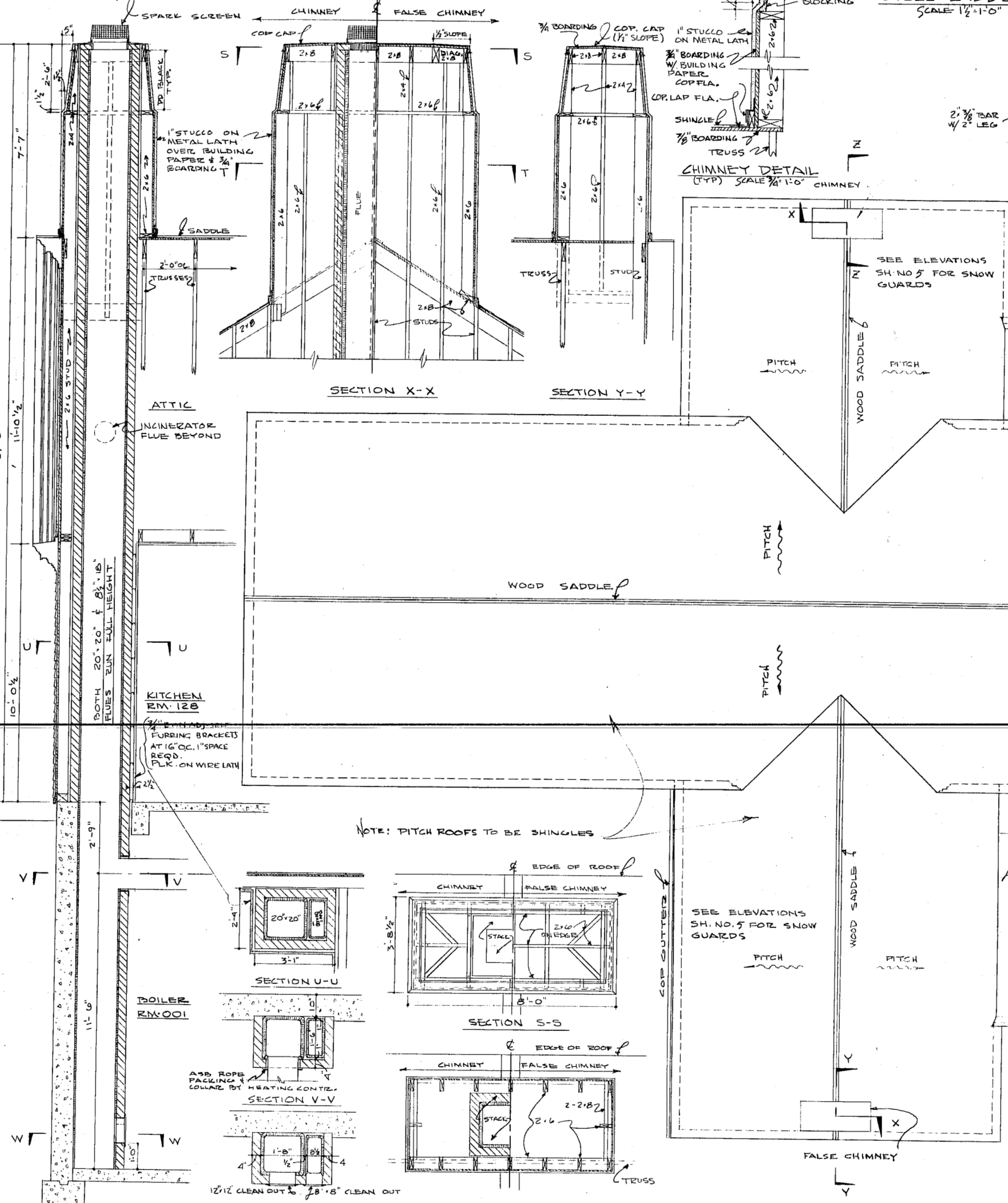
ROOF DRAIN



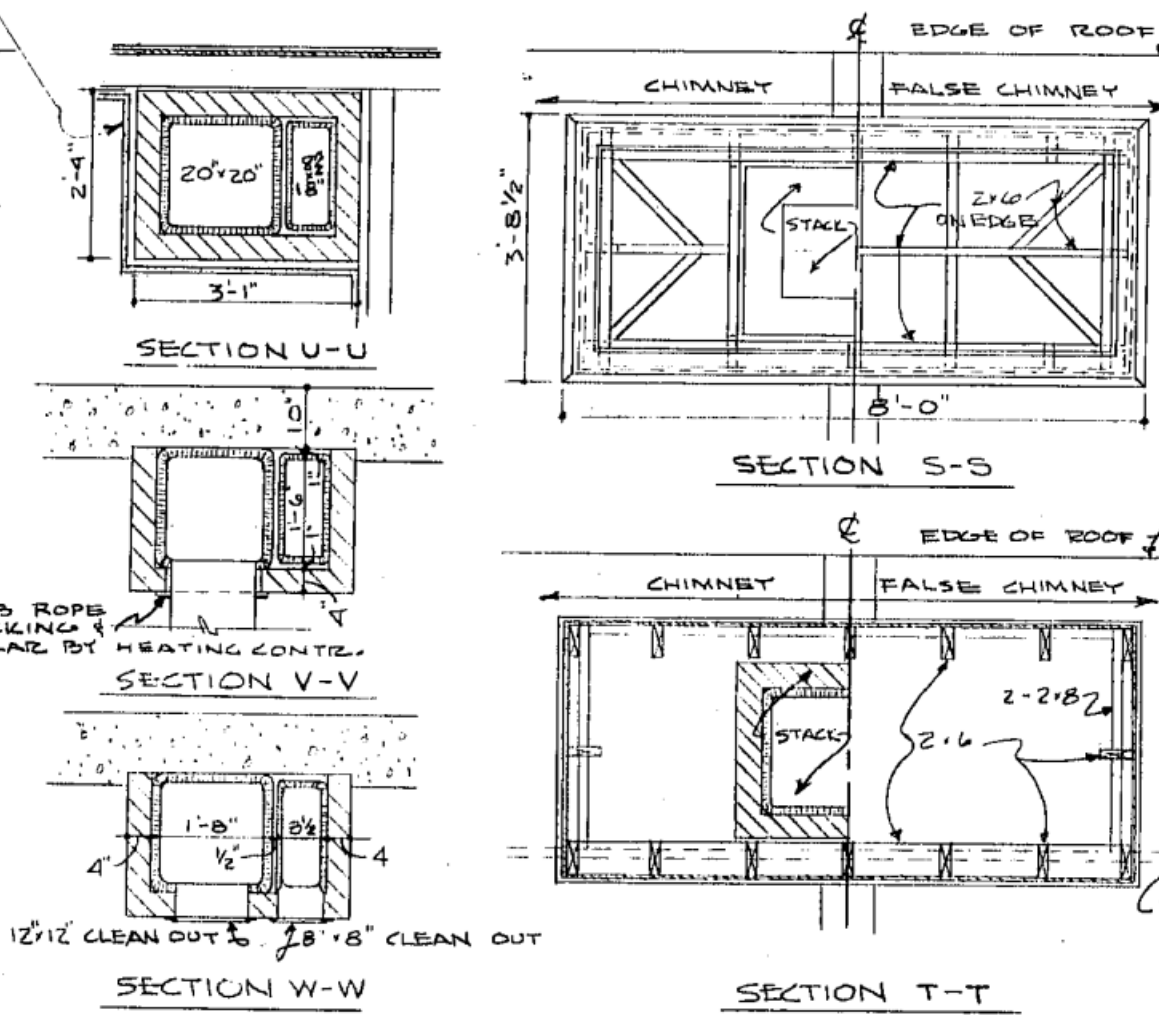
ANTENNA FLASHING DETAIL
SCALE 3" = 1'-0"



WOOD SADDLE DETAIL
SCALE 1 1/2" = 1'-0"

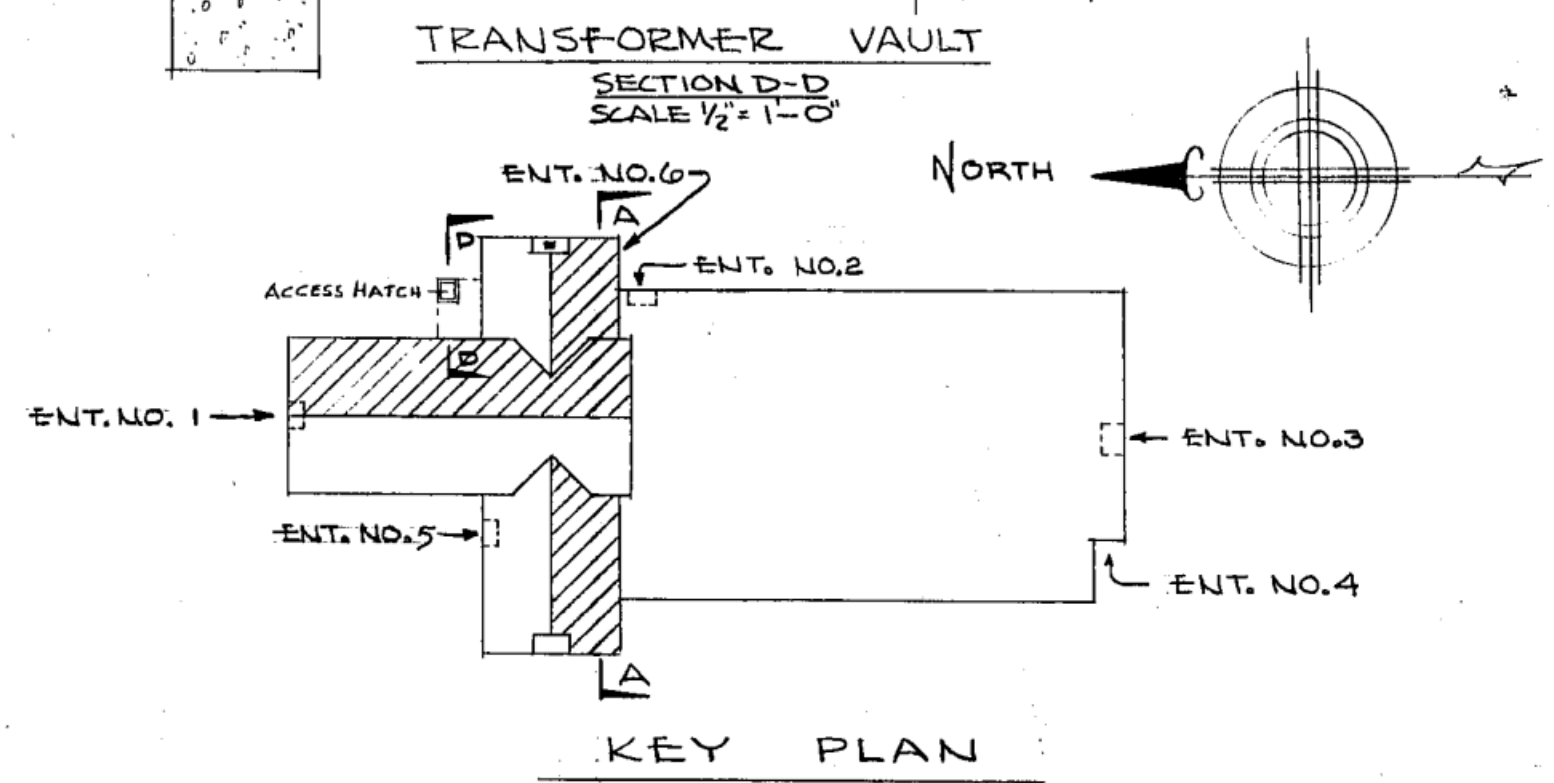
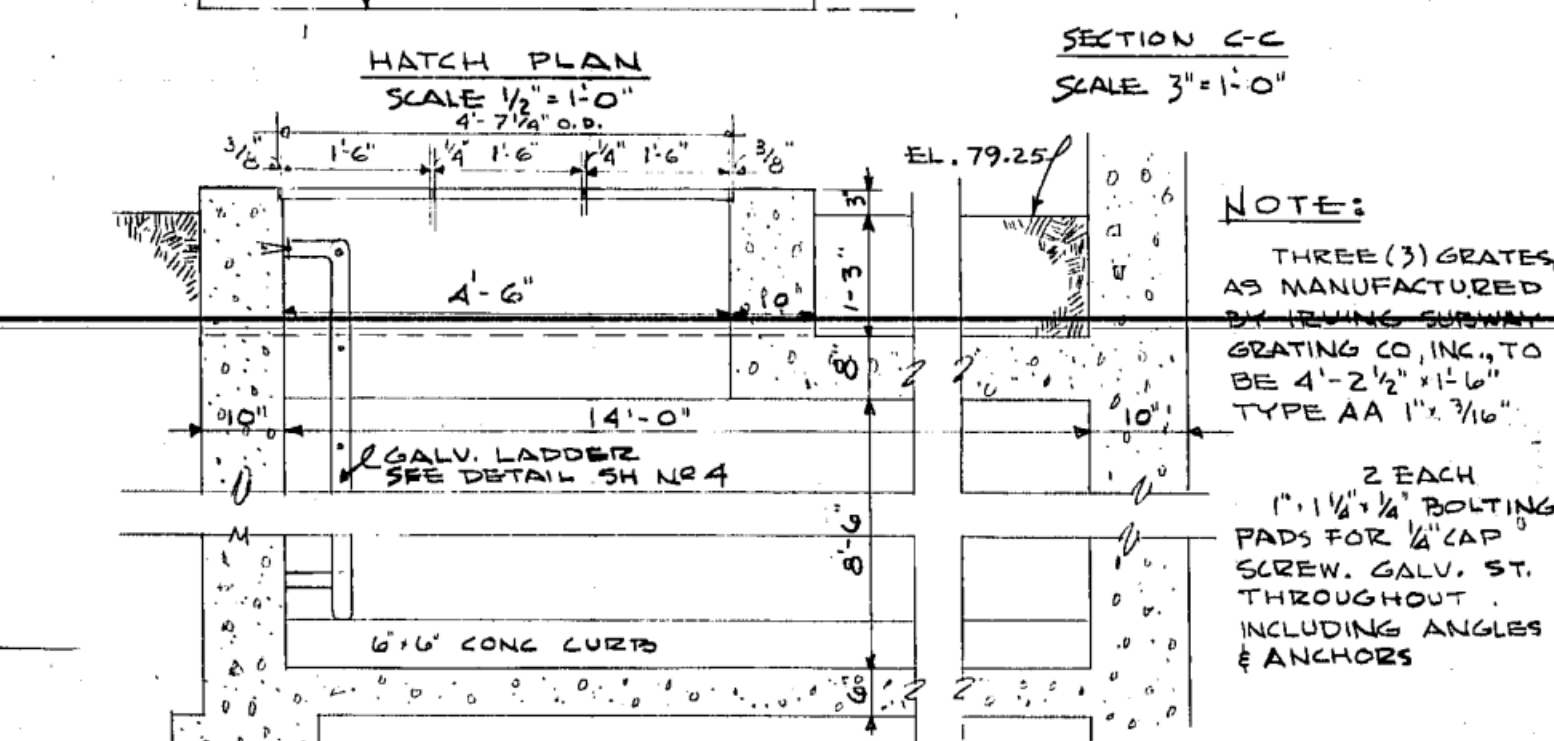
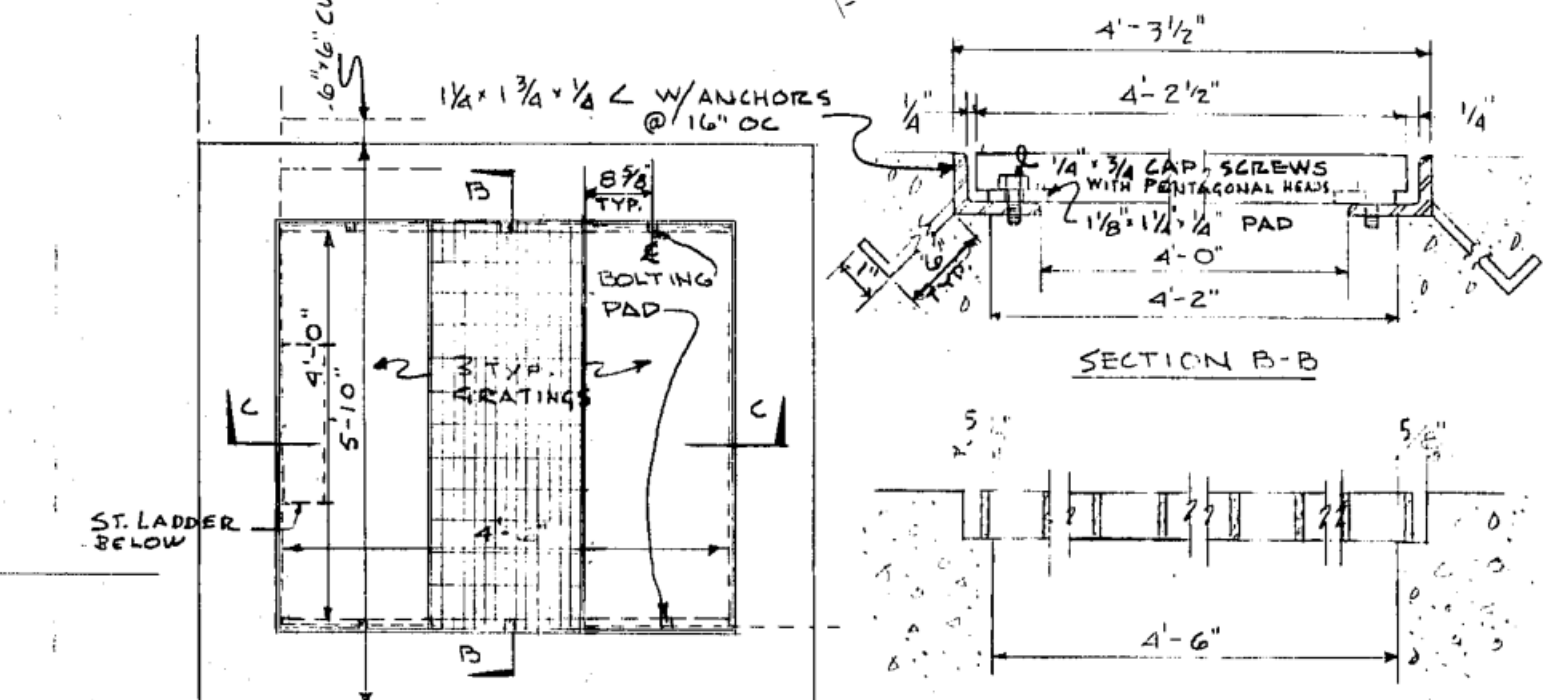
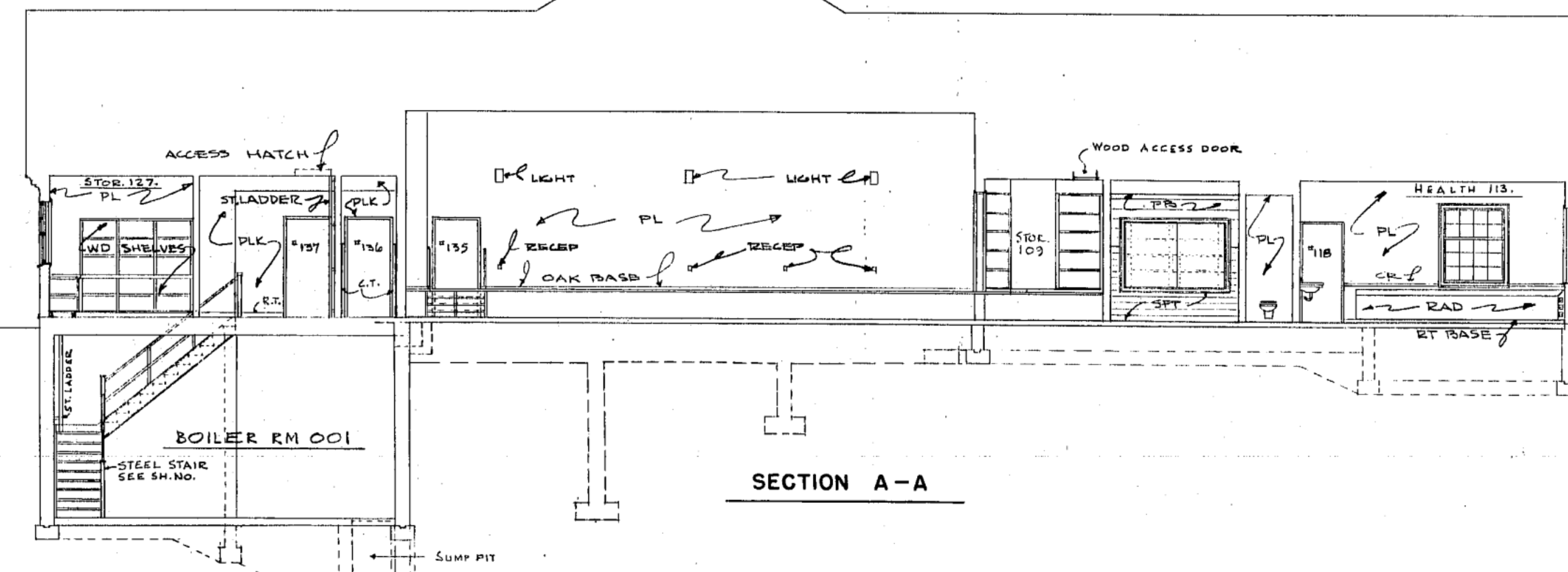
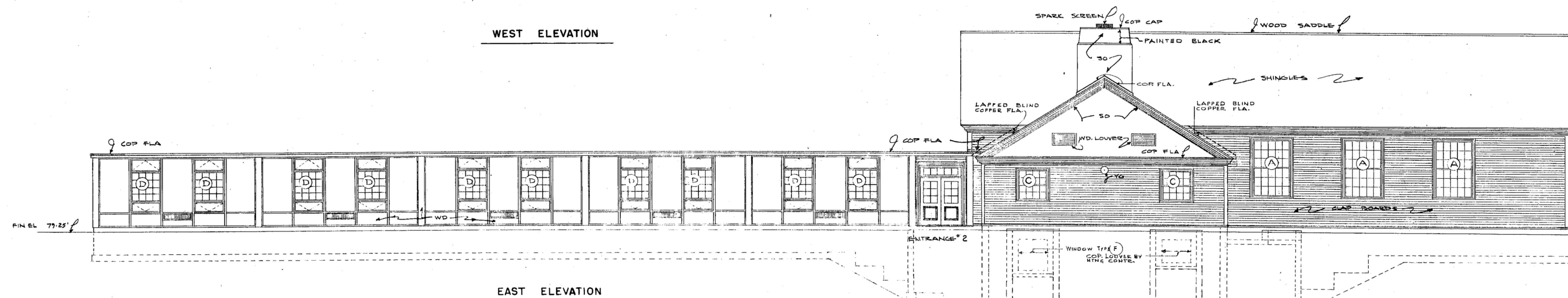
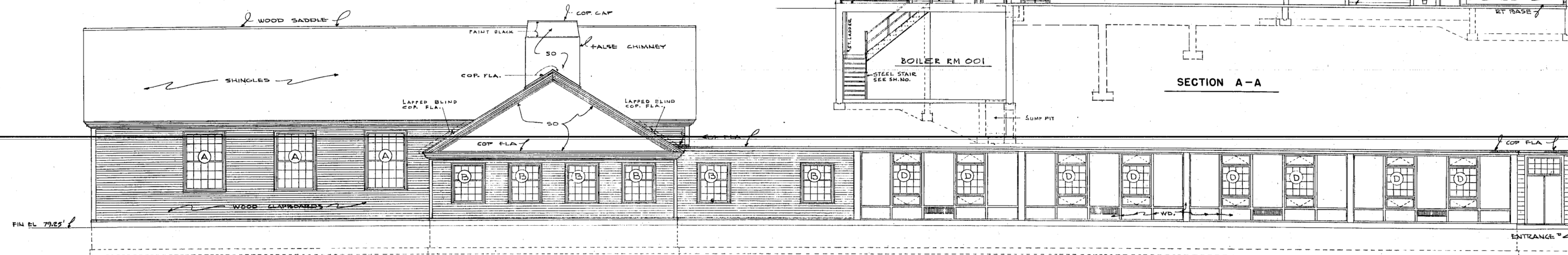
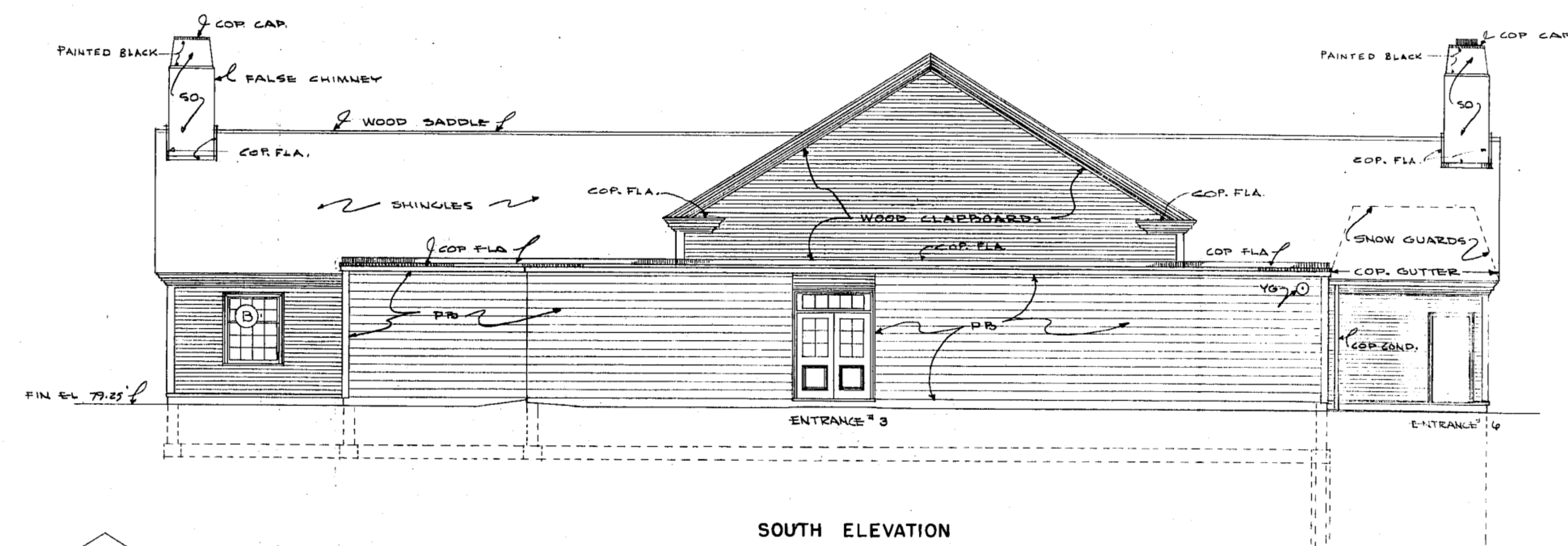
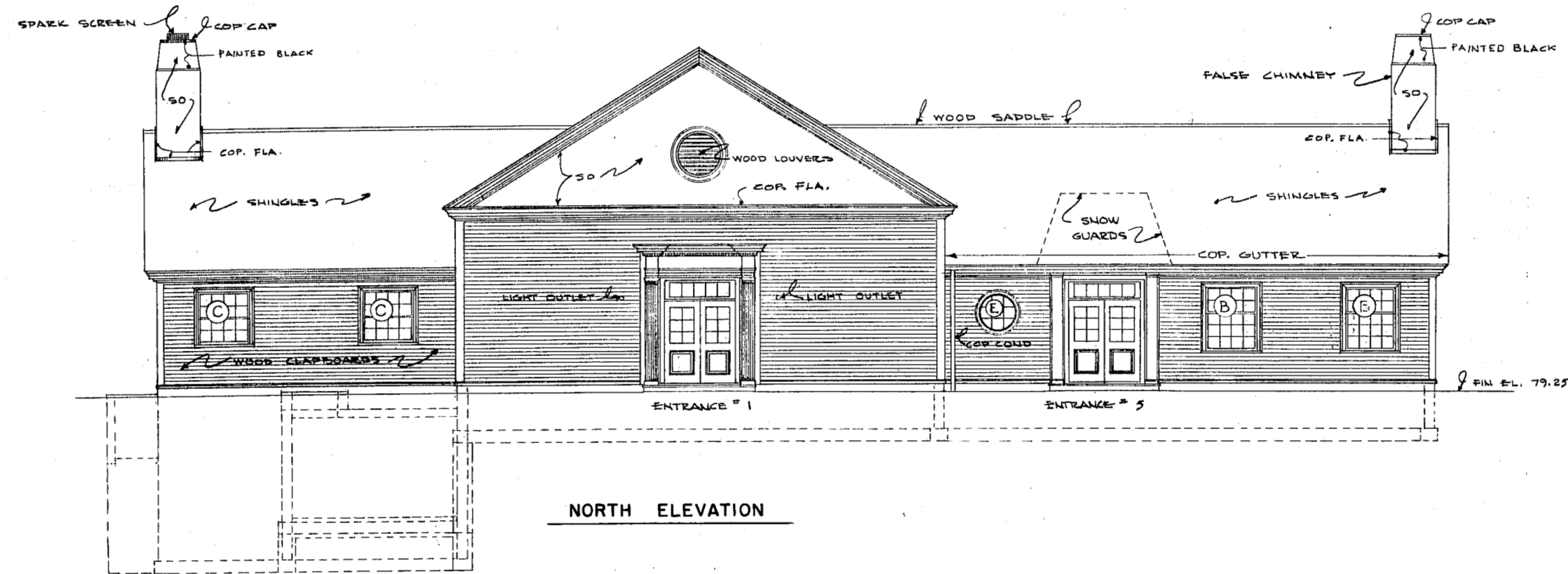


ROOF PLAN
SCALE 1/8" = 1'-0"



CHIMNEY SECTIONS
SCALE 3/8" = 1'-0"

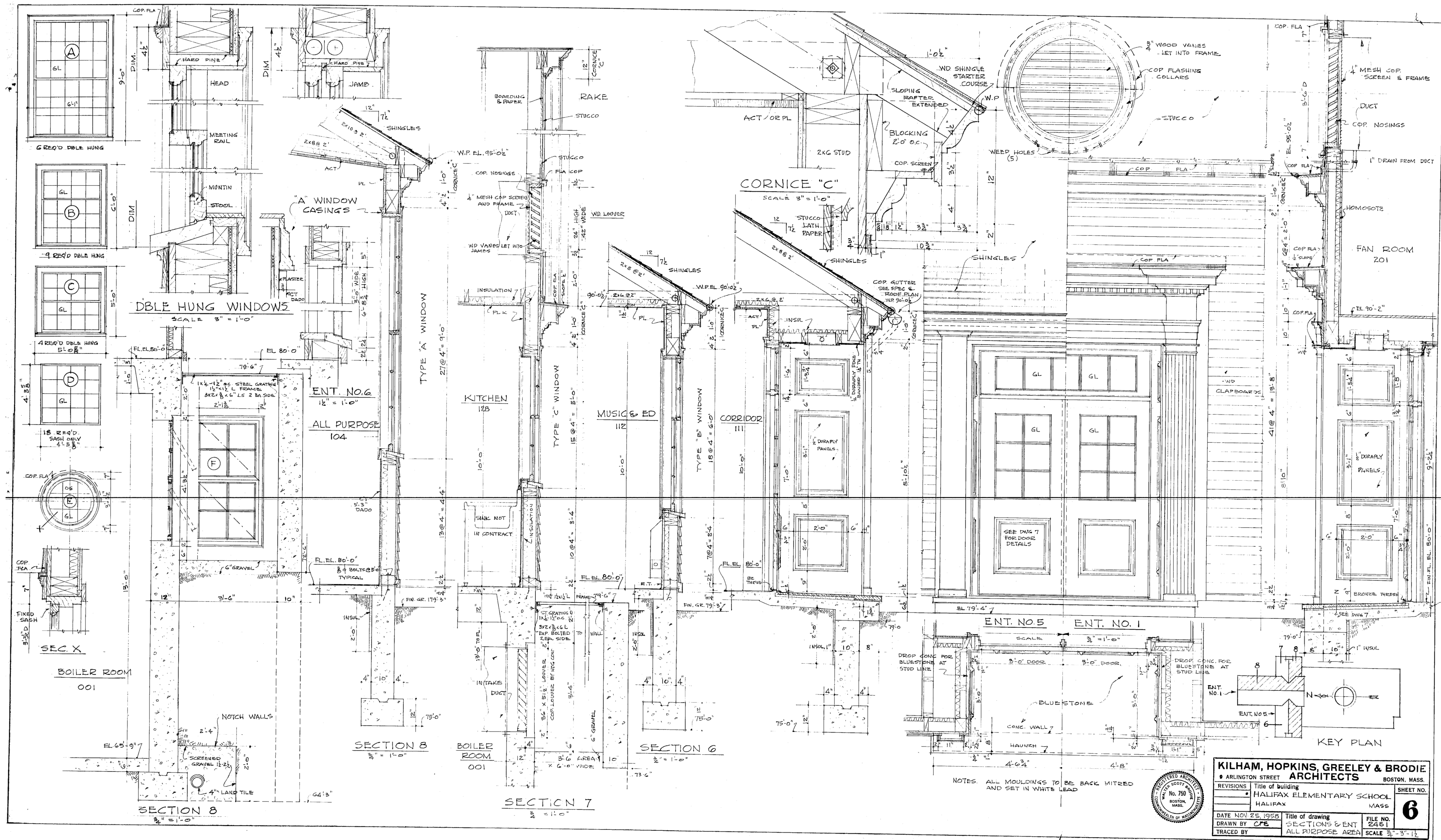
KILHAM, HOPKINS, GREELEY & BRODIE 9 ARLINGTON STREET BOSTON, MASS.			
REVISIONS	Title of building	HALIFAX ELEMENTARY SCHOOL	SHEET NO.
	HALIFAX	MASS	4
DATE NOV. 25, 1958	Title of drawing	ROOF PLAN	FILE NO.
DRAWN BY RKM			2451
TRACED BY			SCALE AS NOTED

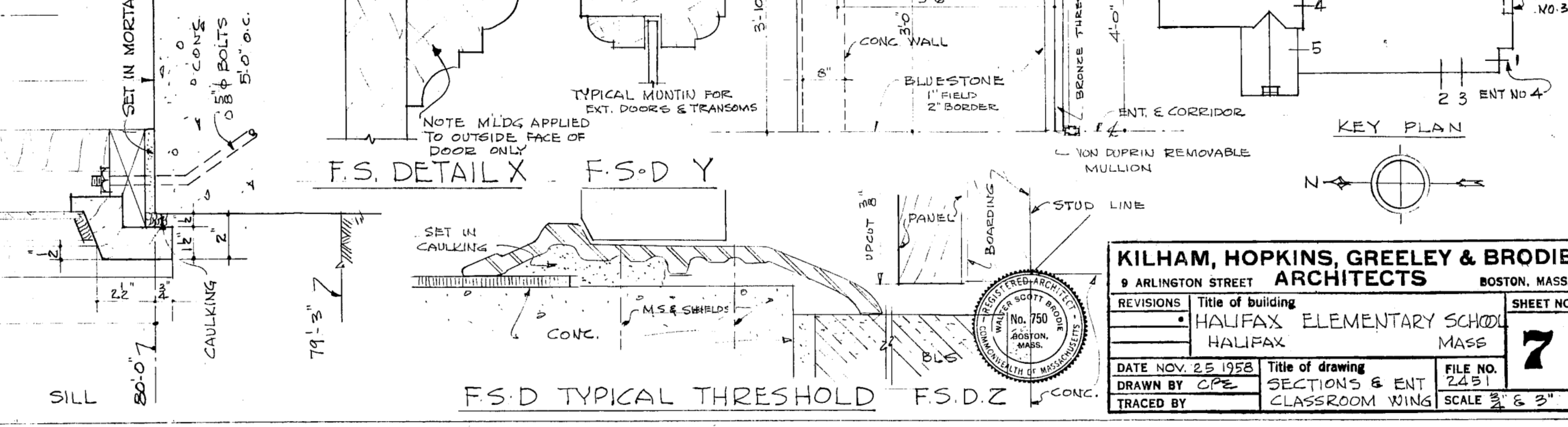
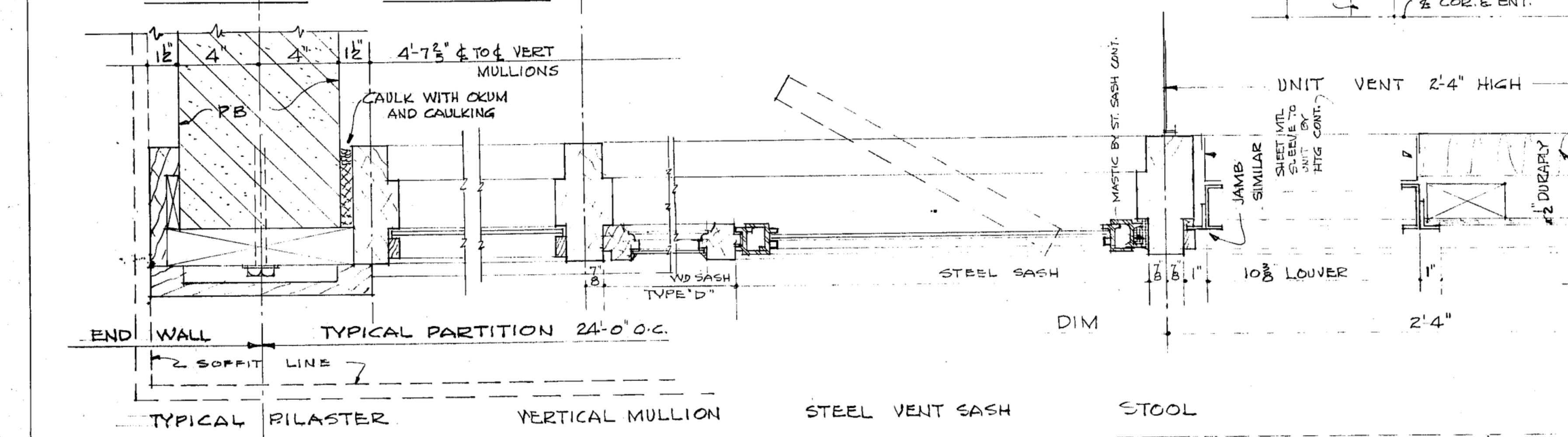
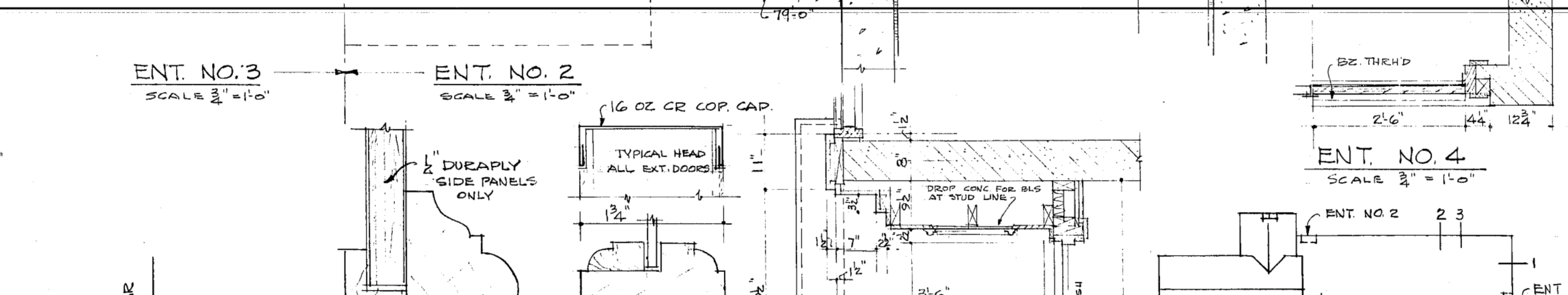
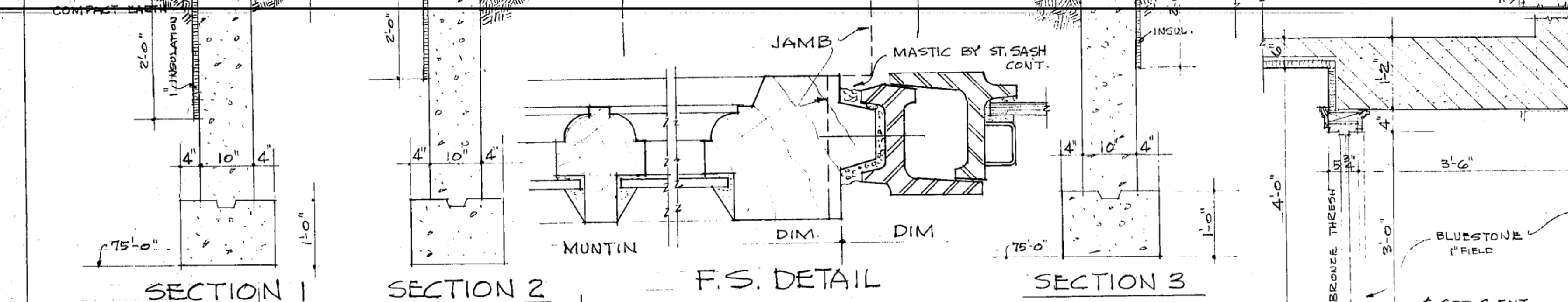
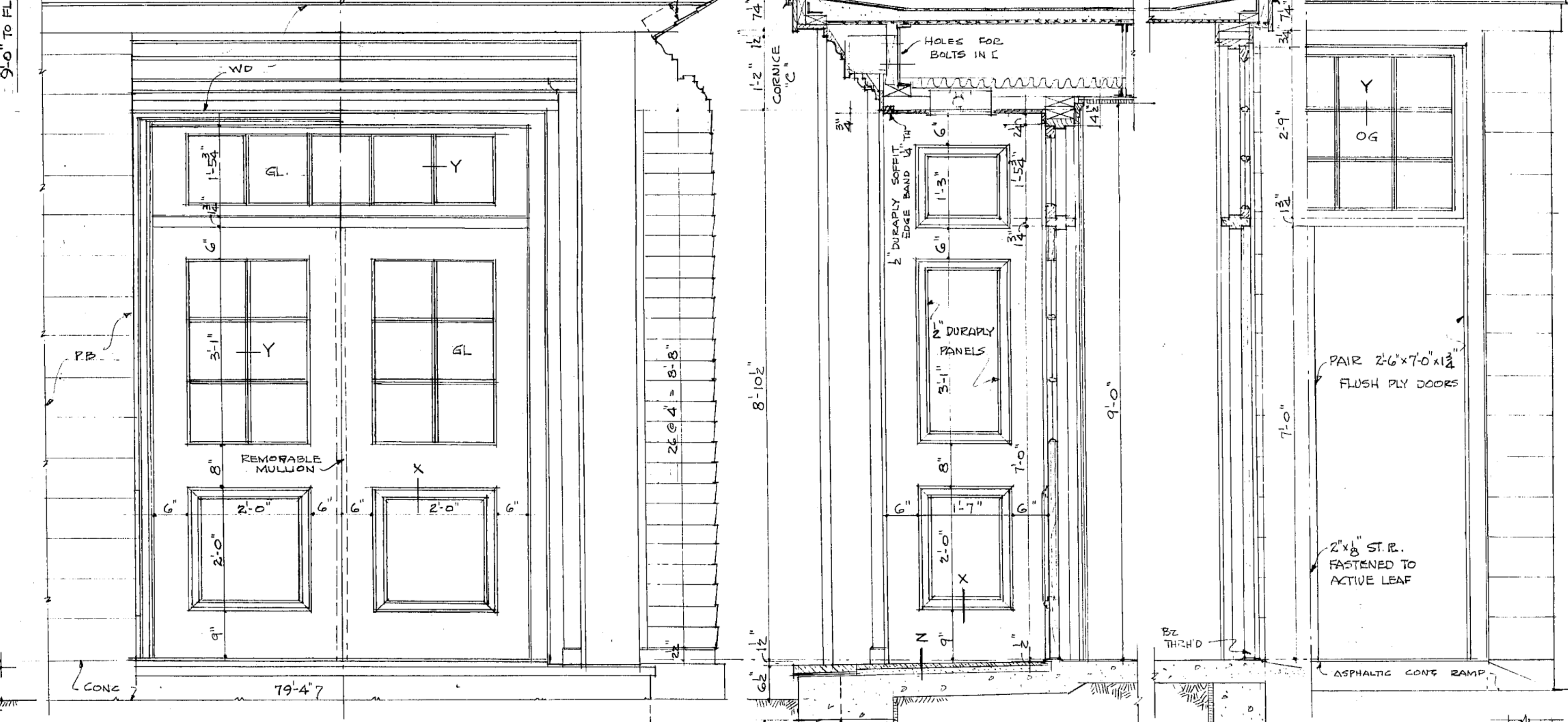
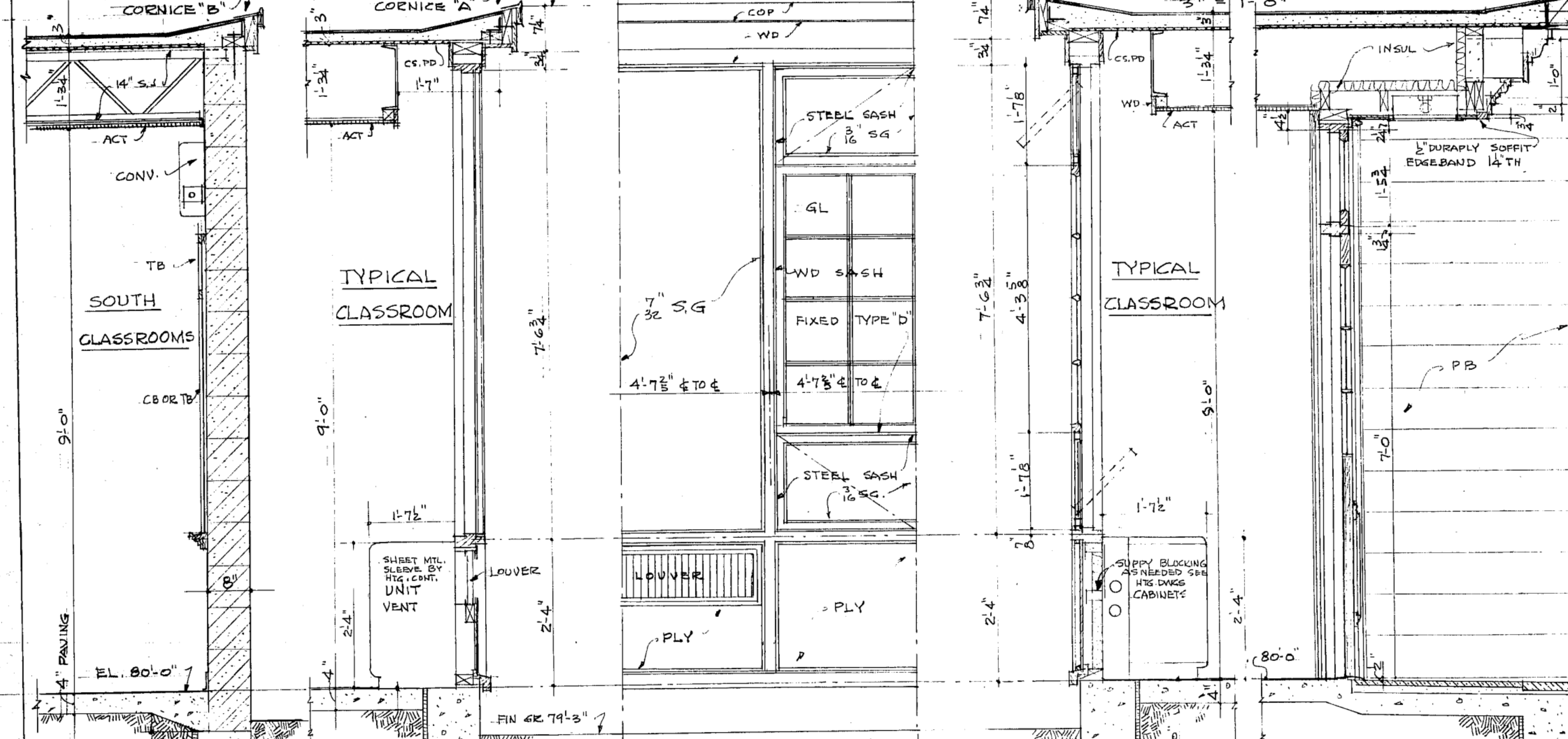
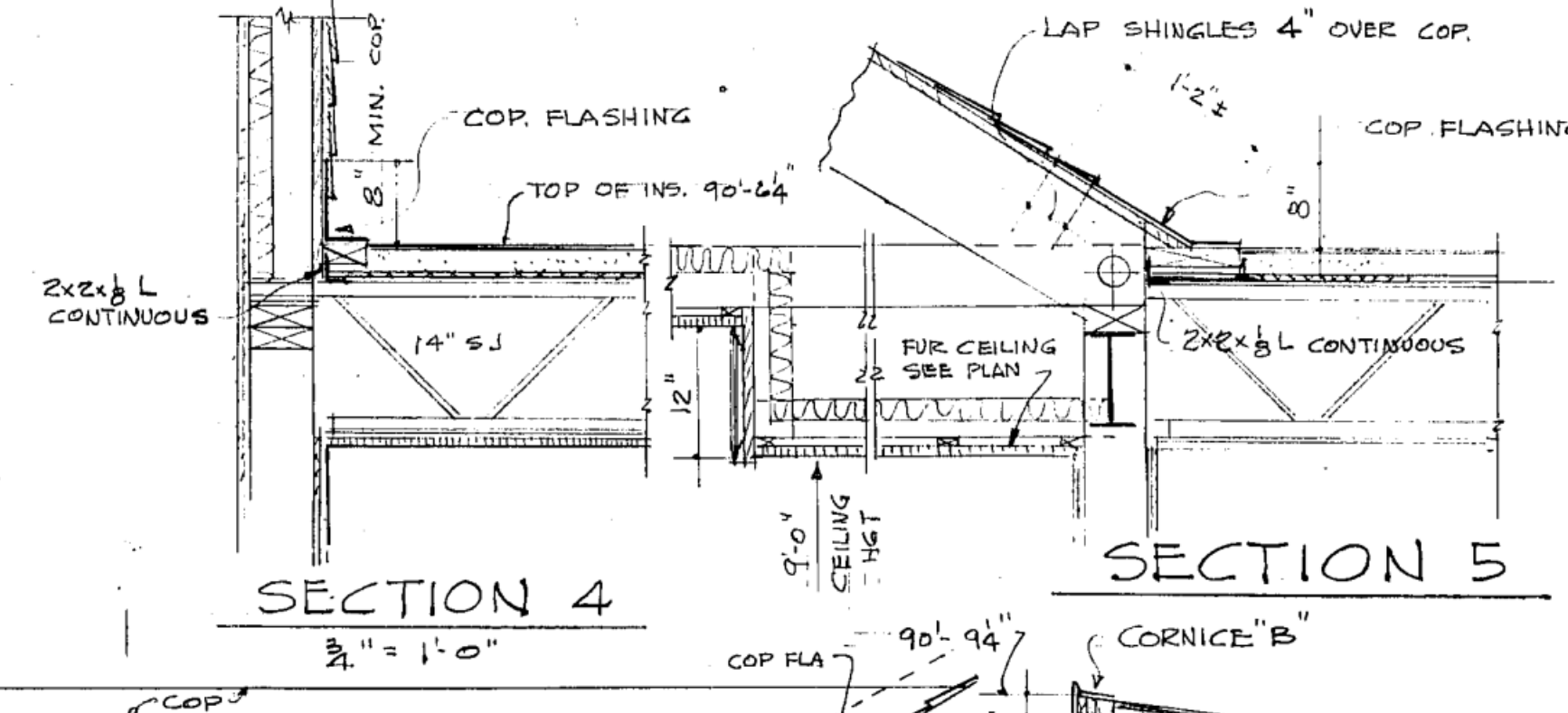
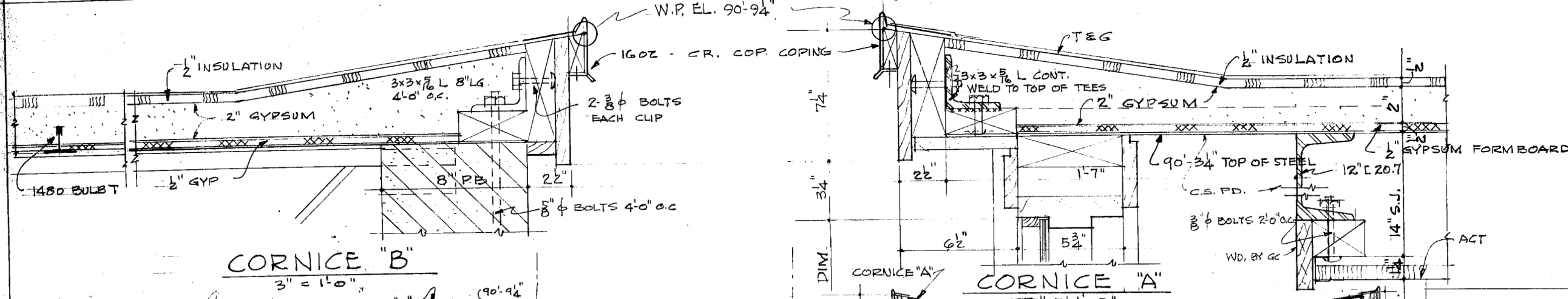


KILHAM, HOPKINS, GREELEY & BRODIE
 9 ARLINGTON STREET ARCHITECTS BOSTON, MASS.

REVISIONS: Title of building: HALIFAX ELEMENTARY SCHOOL
 No. 750 HALIFAX MASS.
 DATE NOV. 25 1958 Title of drawing: ELEVATIONS
 DRAWN BY RLM FILE NO. 2451
 TRACED BY SCALE 1/8" = 1'-0"

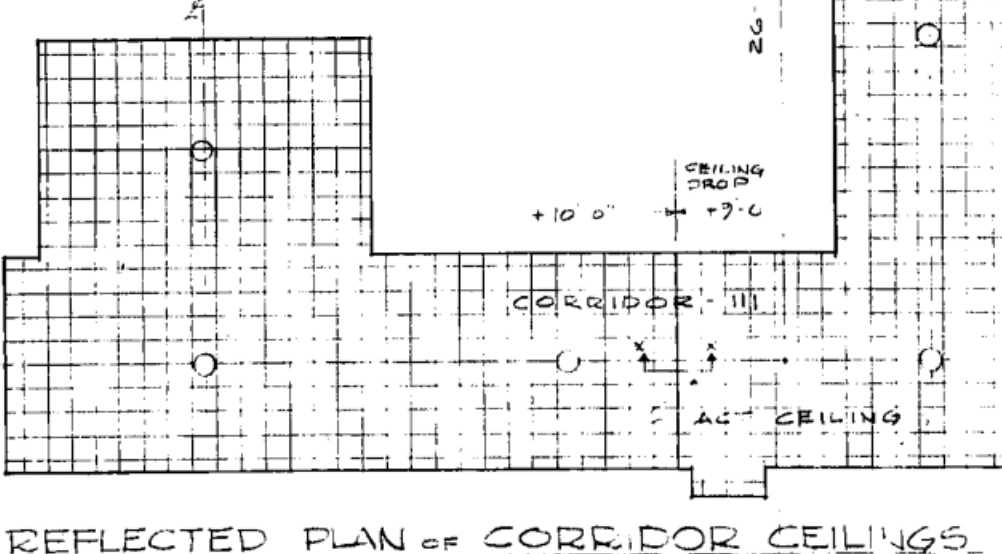
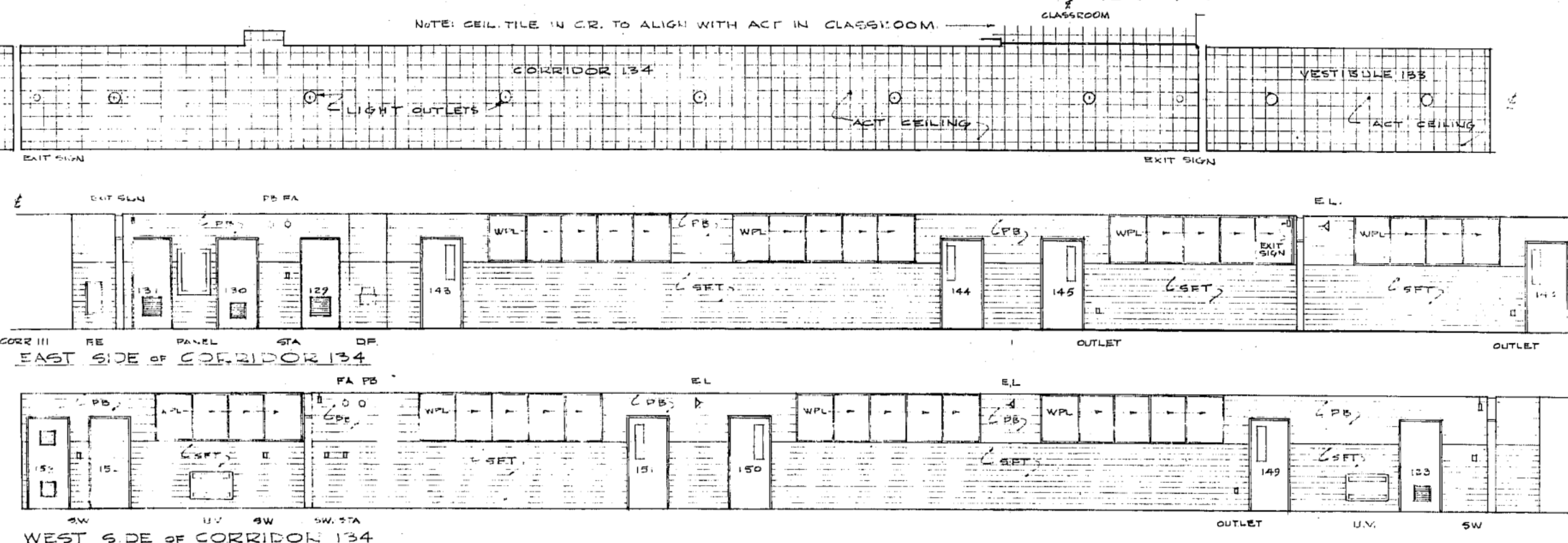
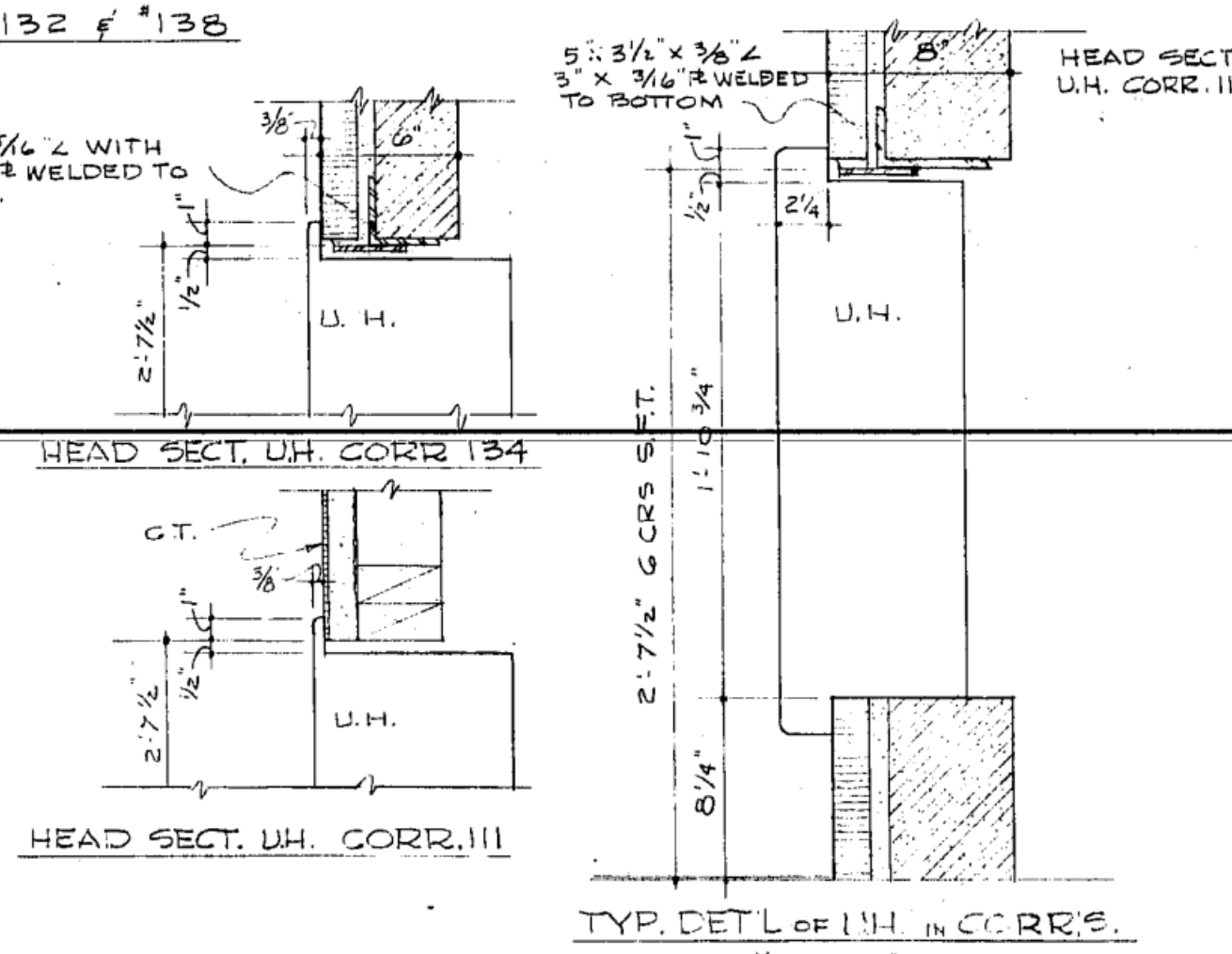
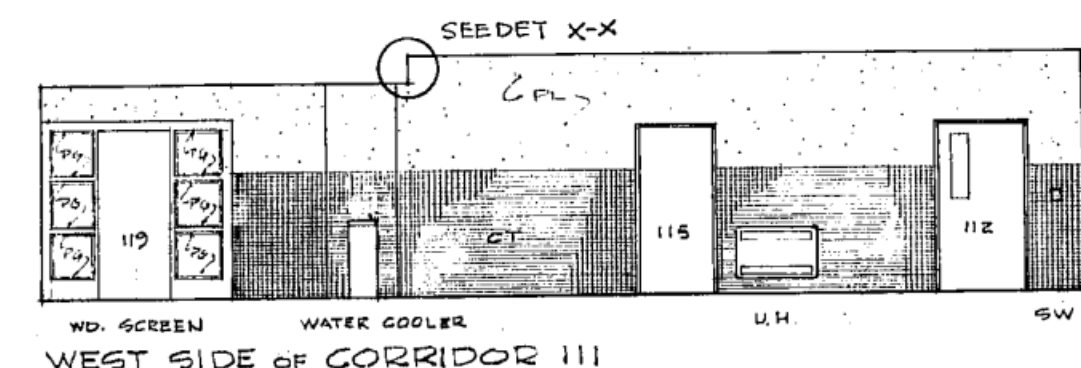
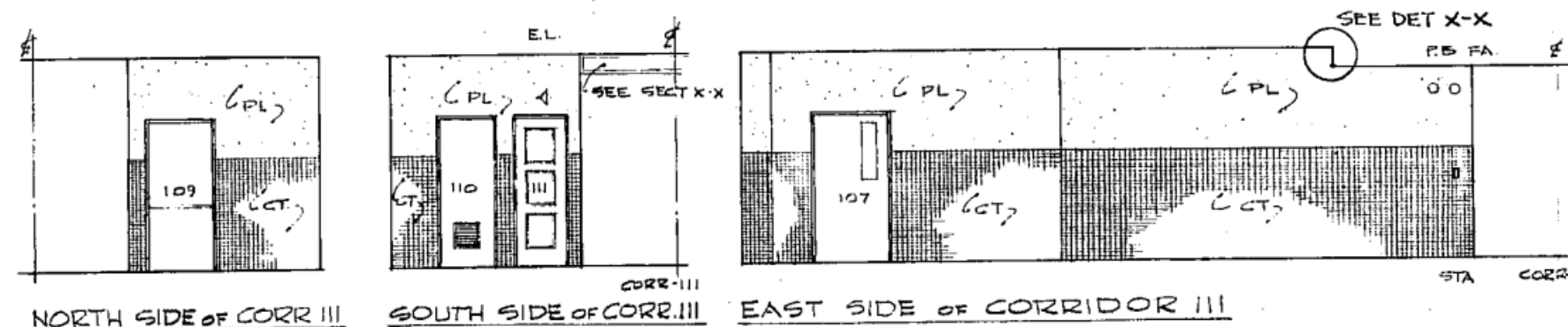
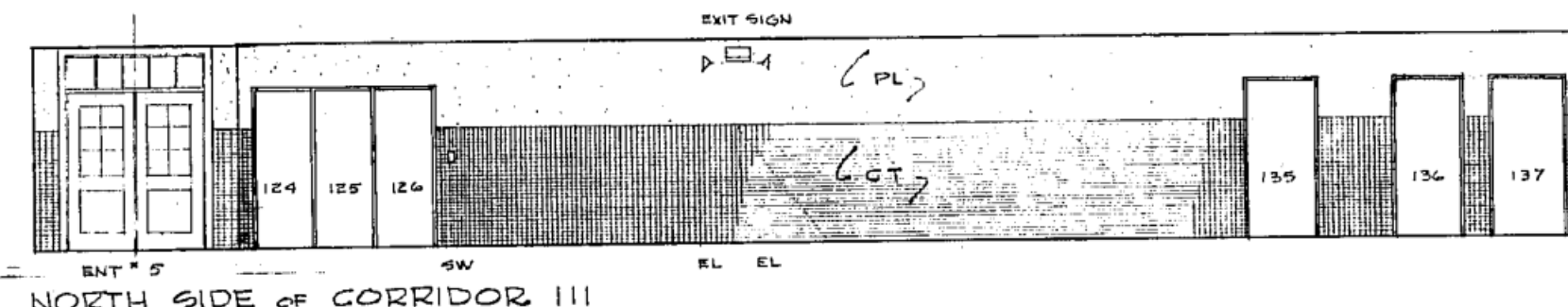
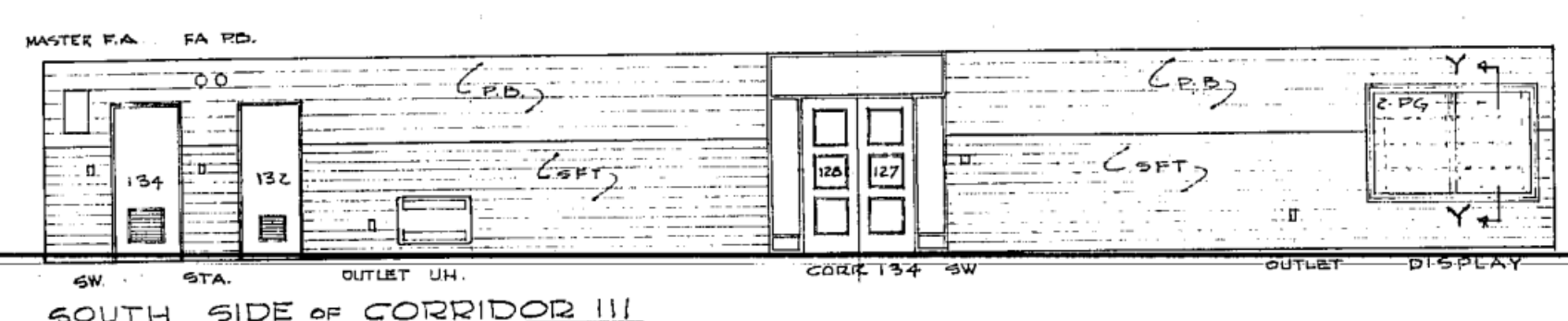
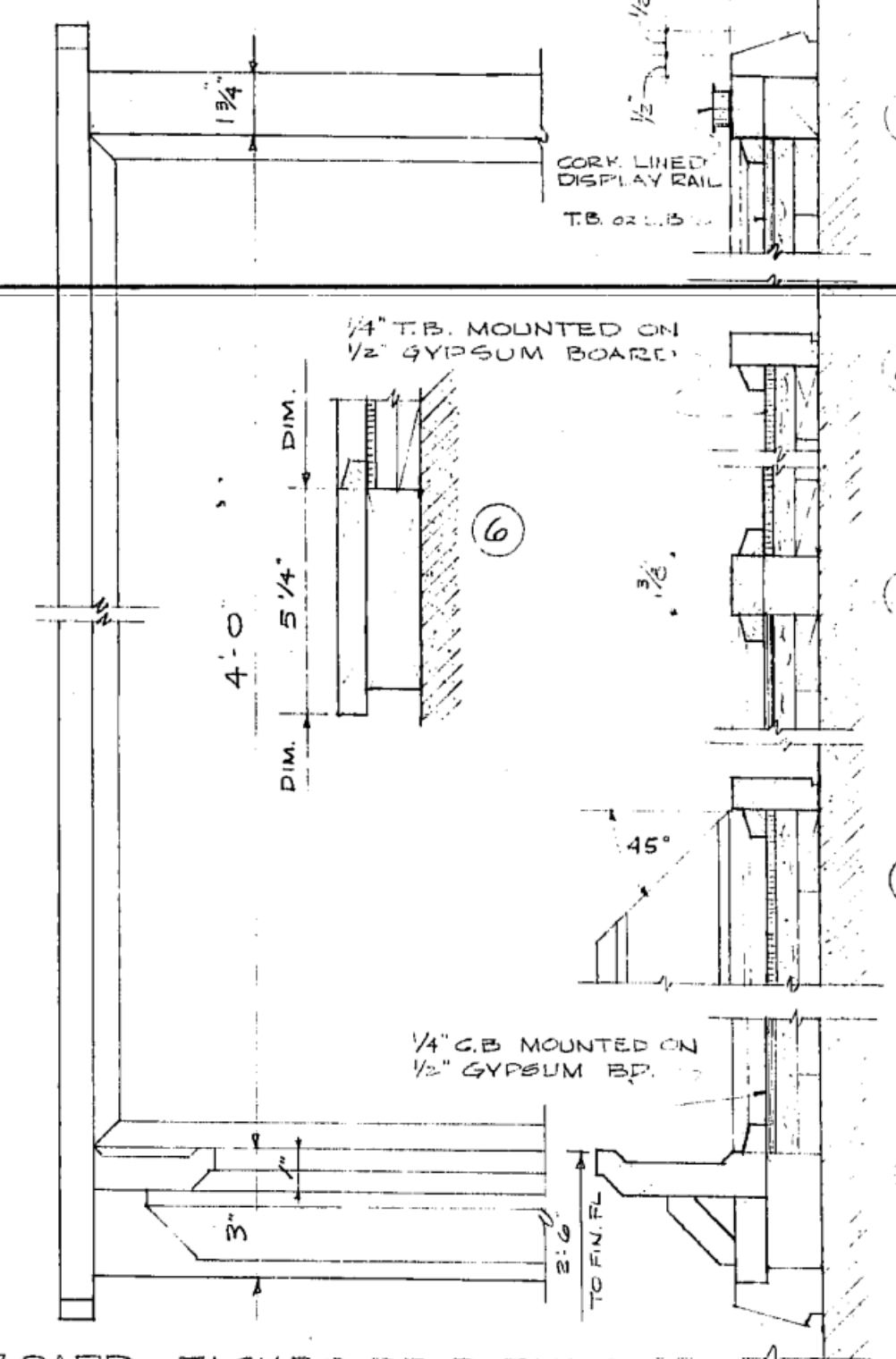
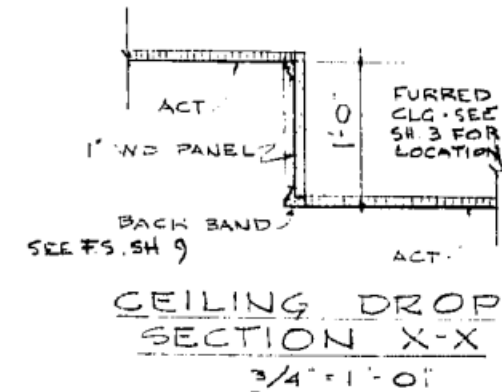
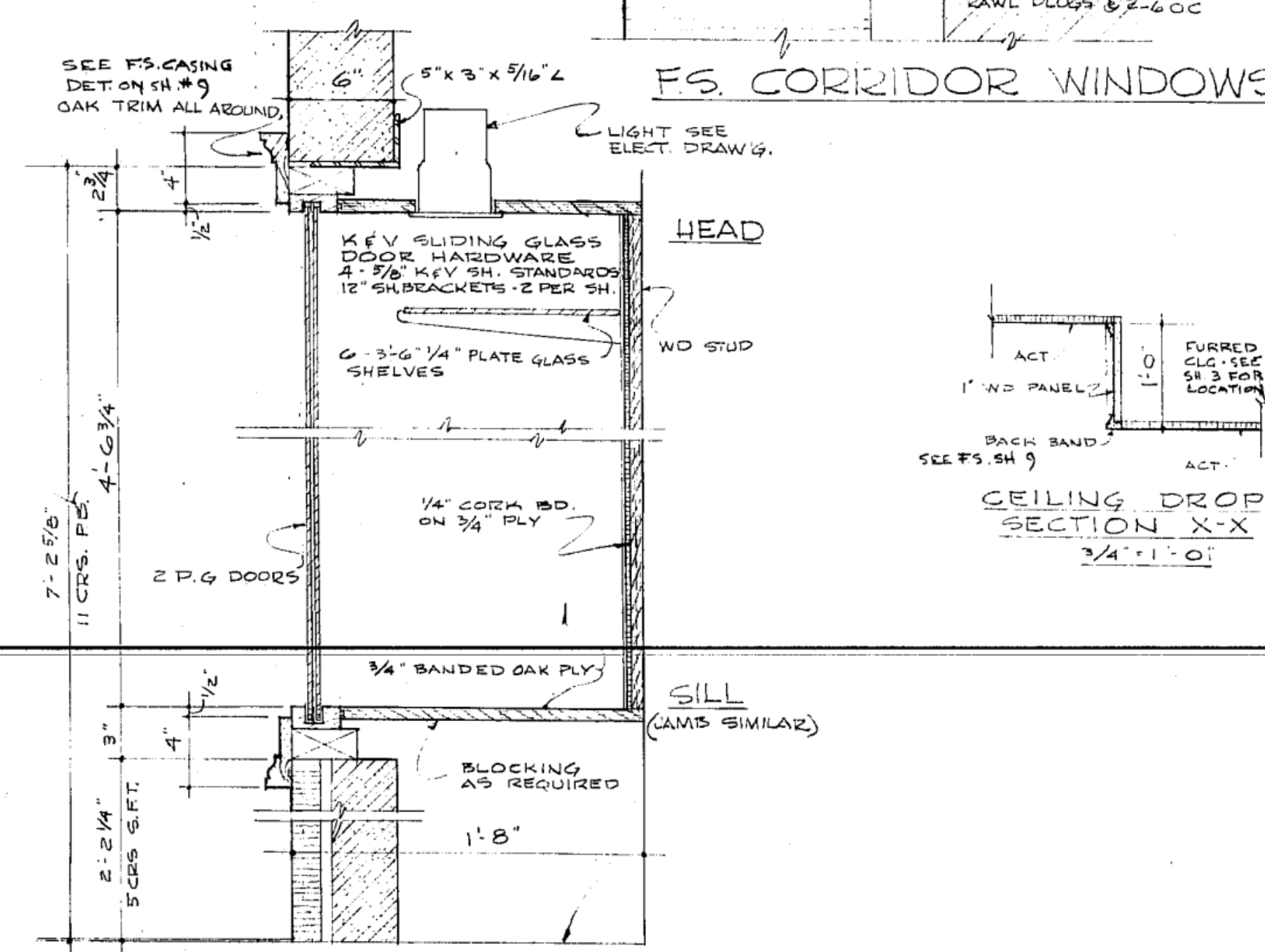
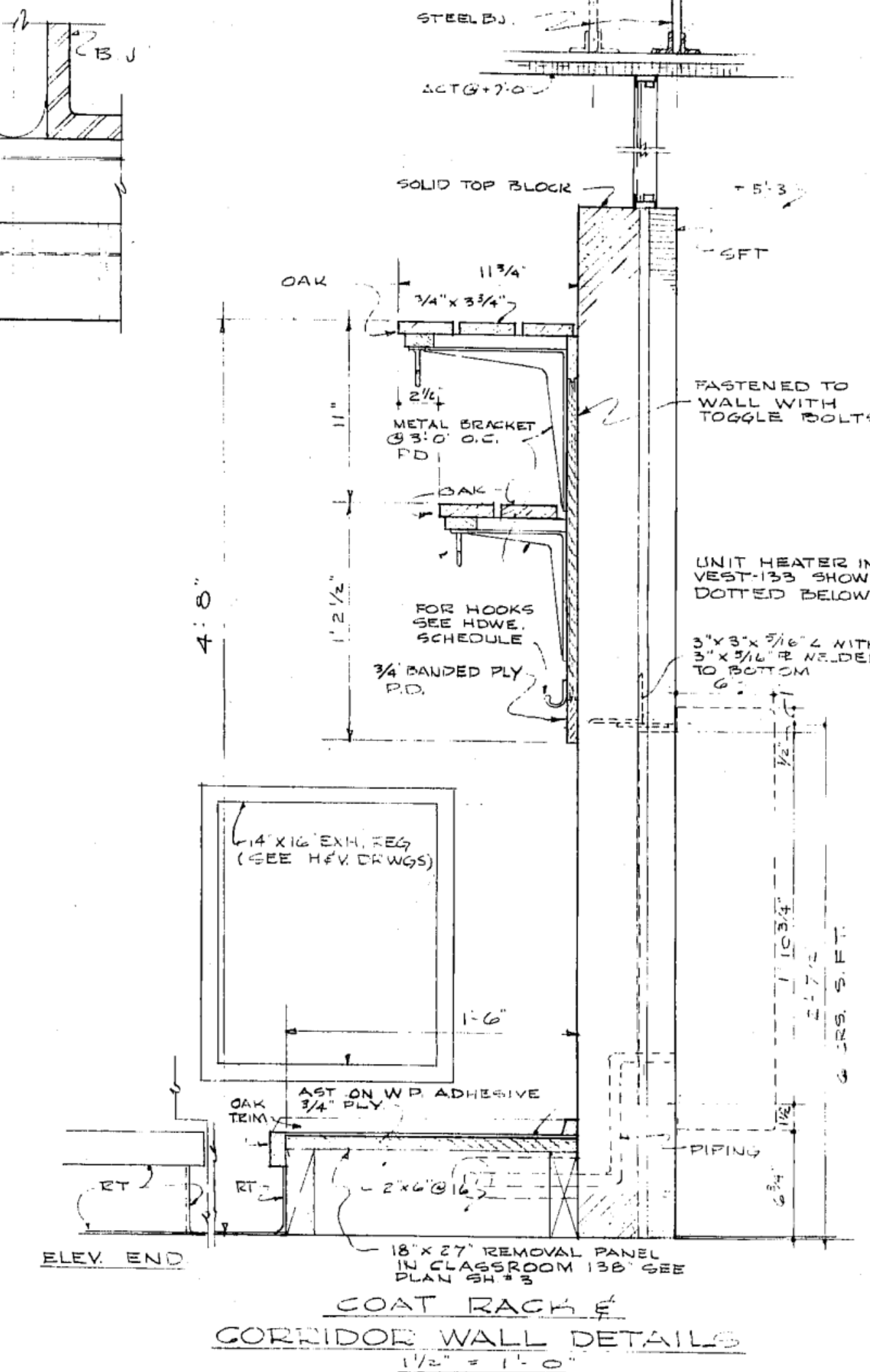
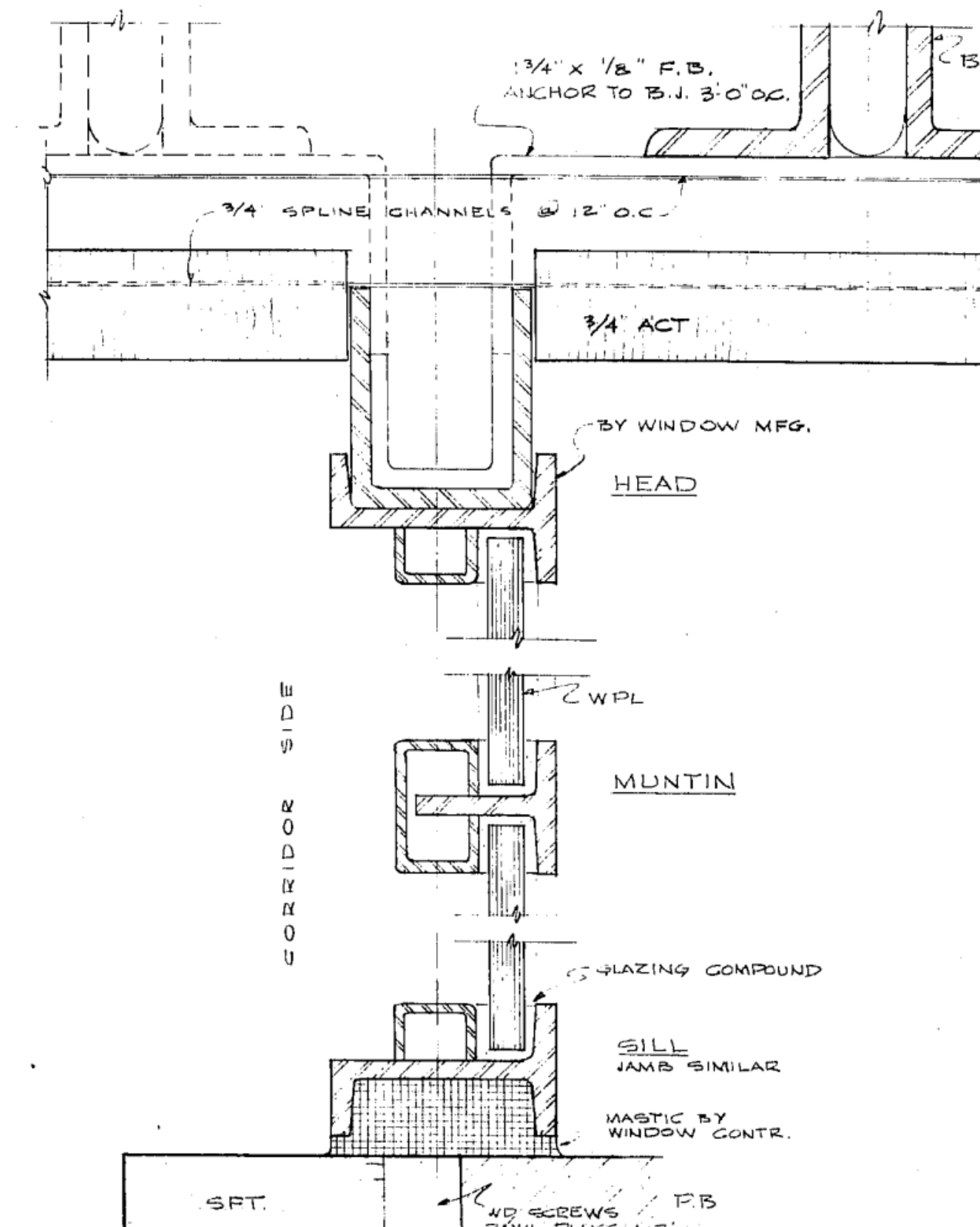
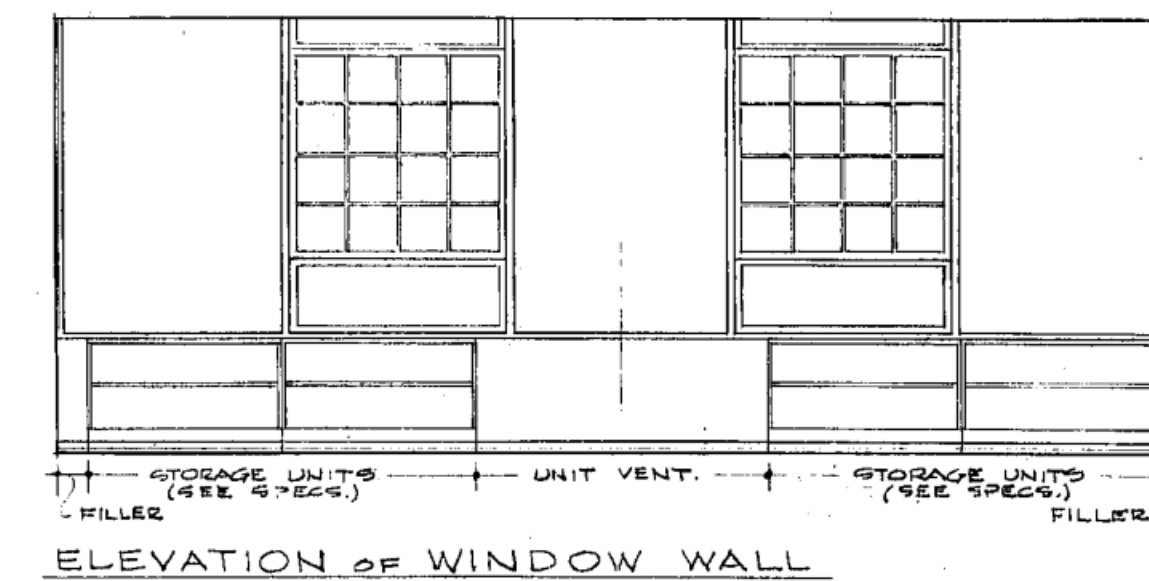
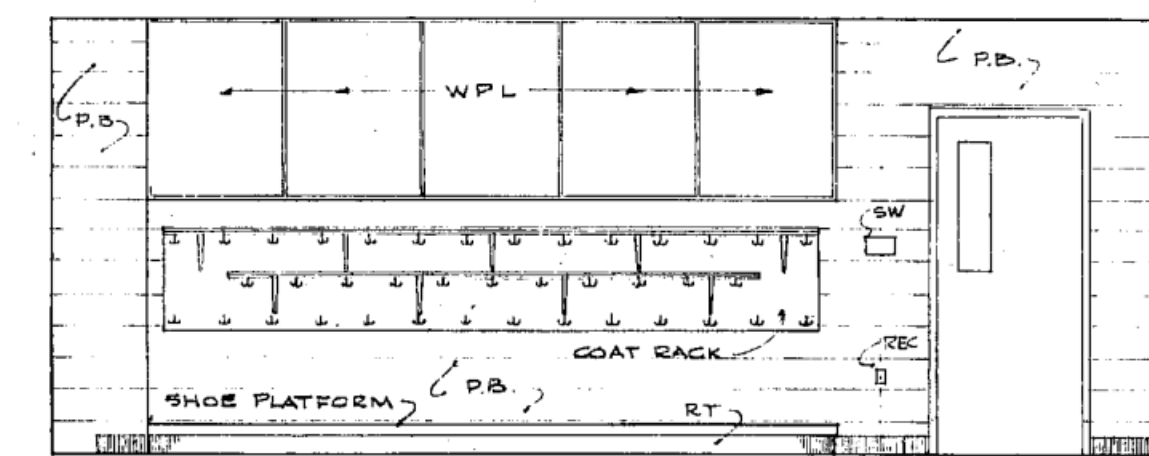
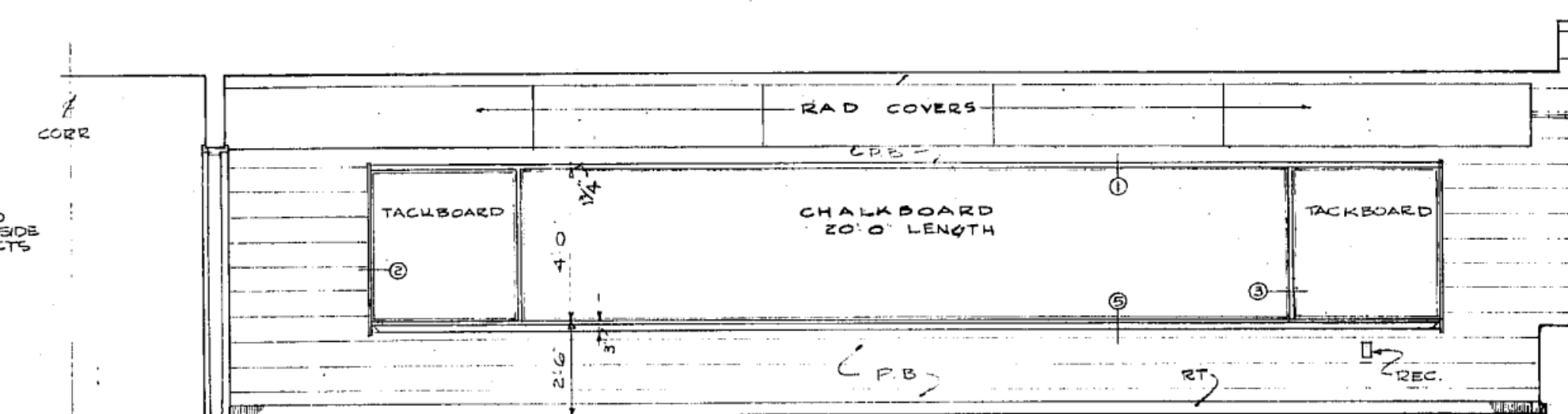
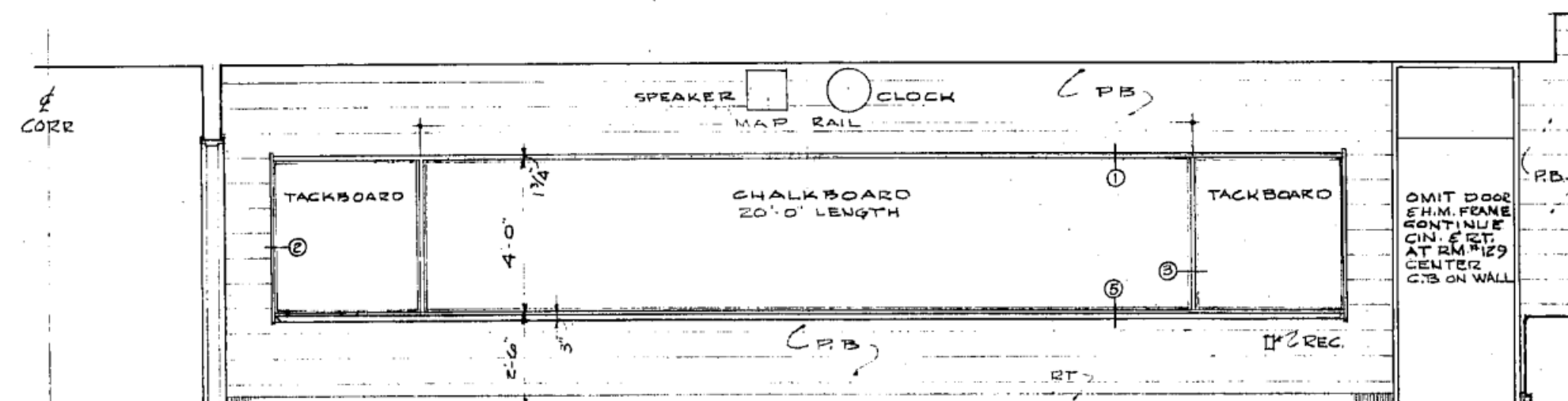
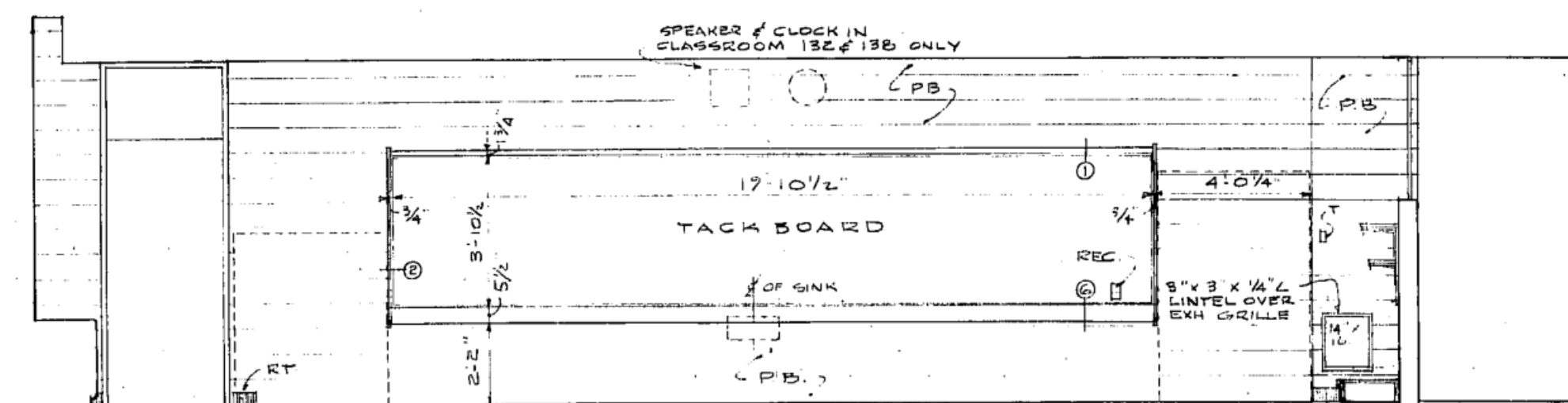
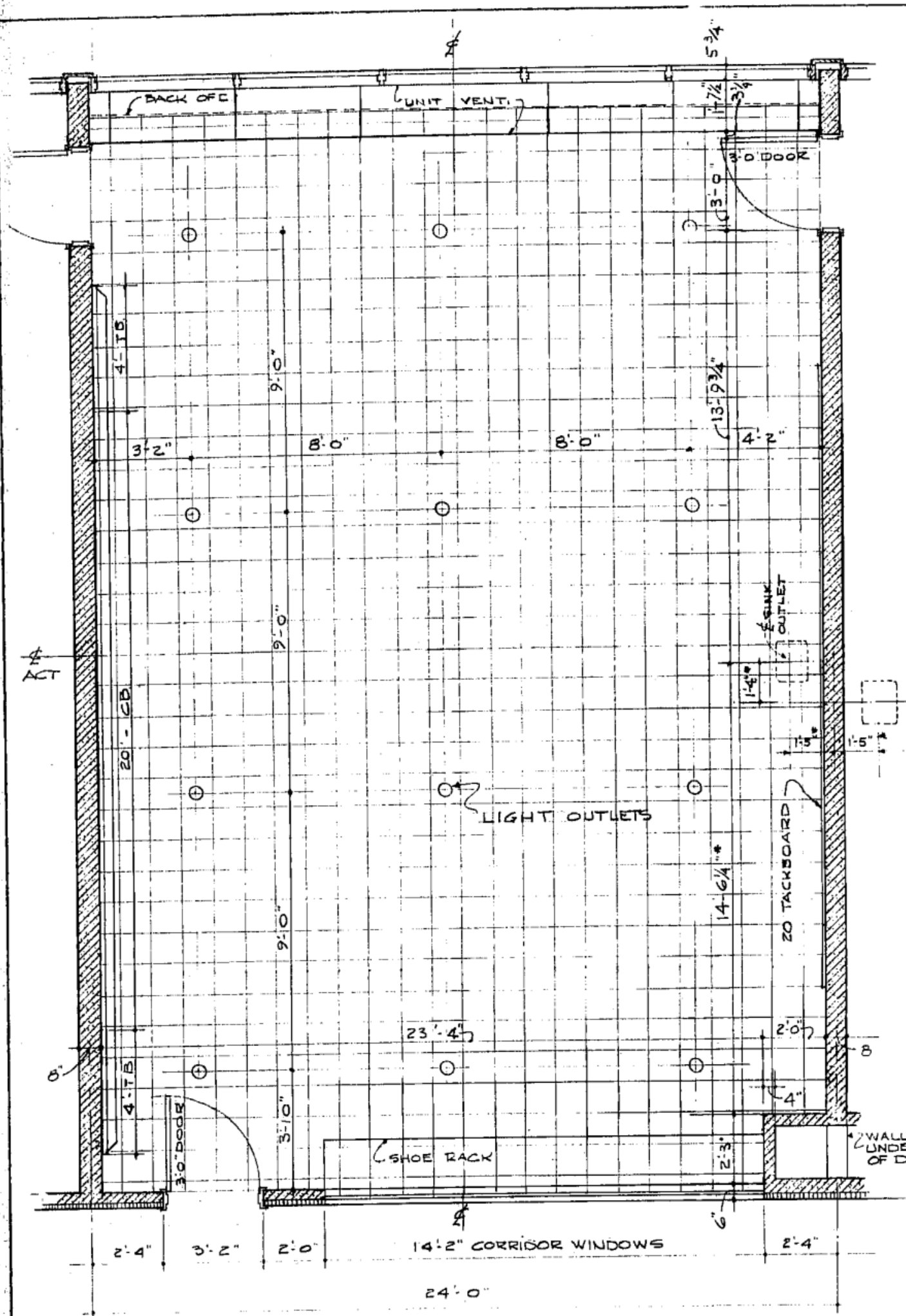
SHEET NO. 5

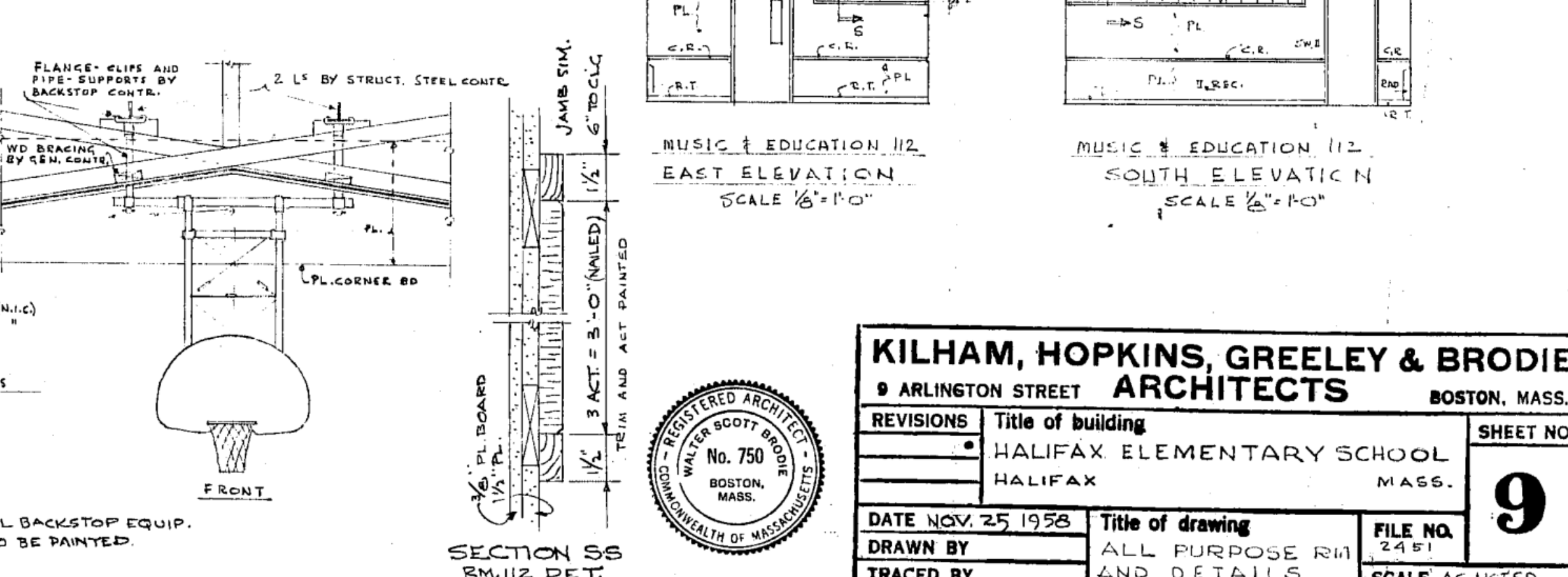
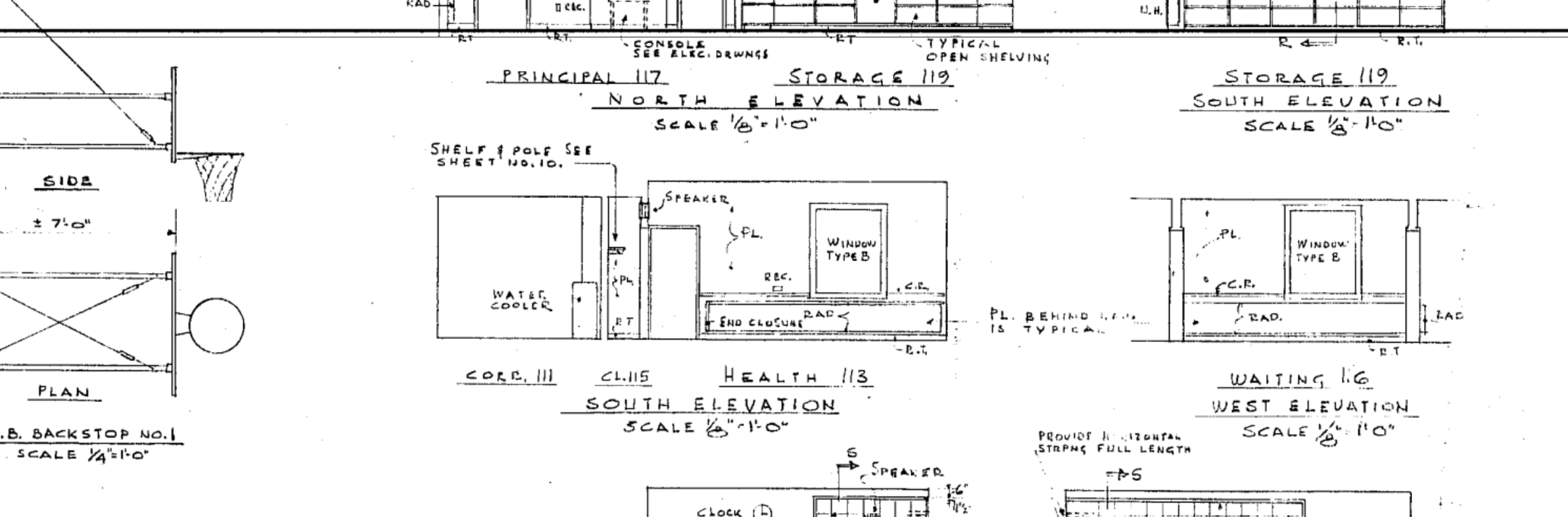
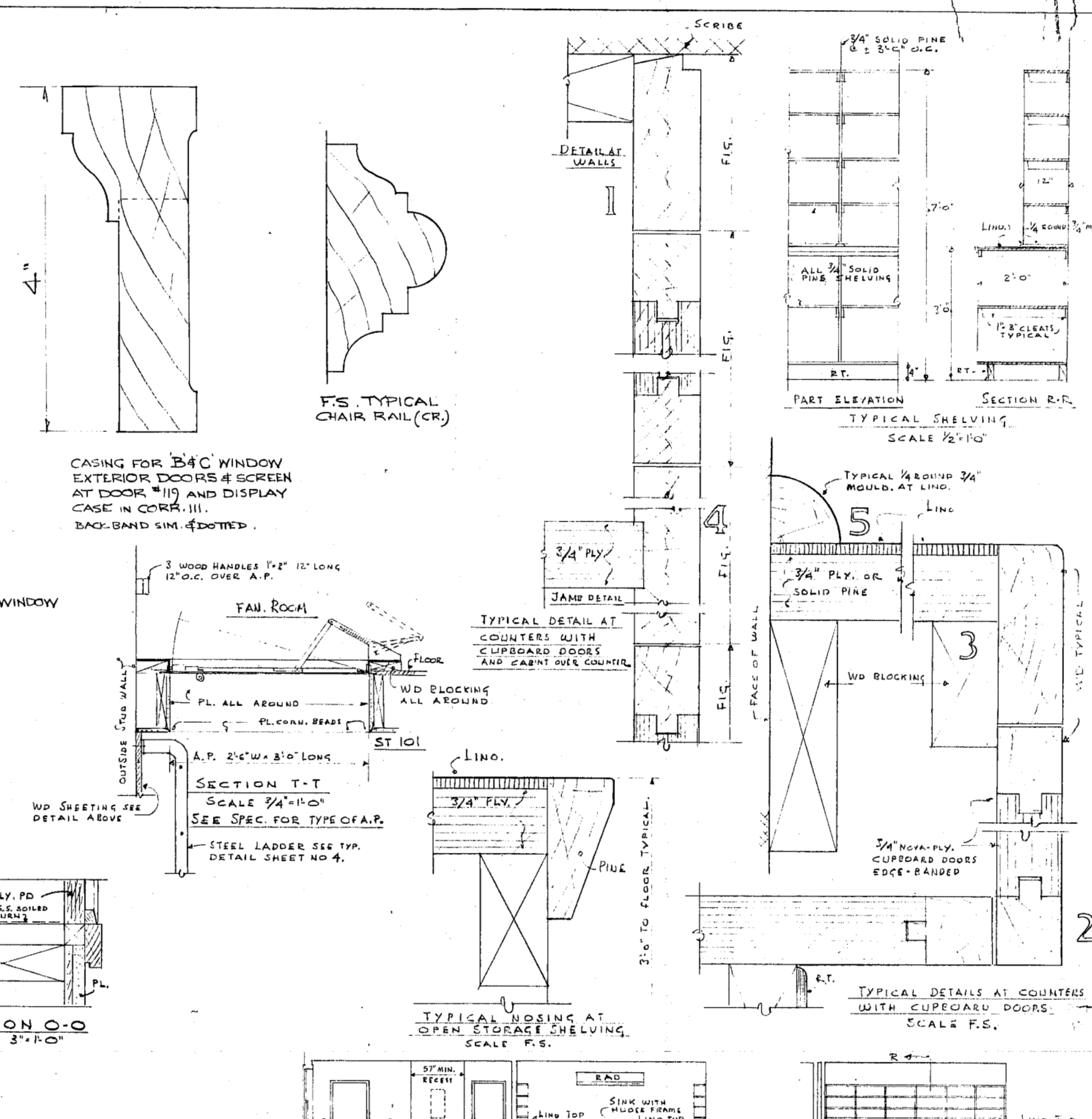
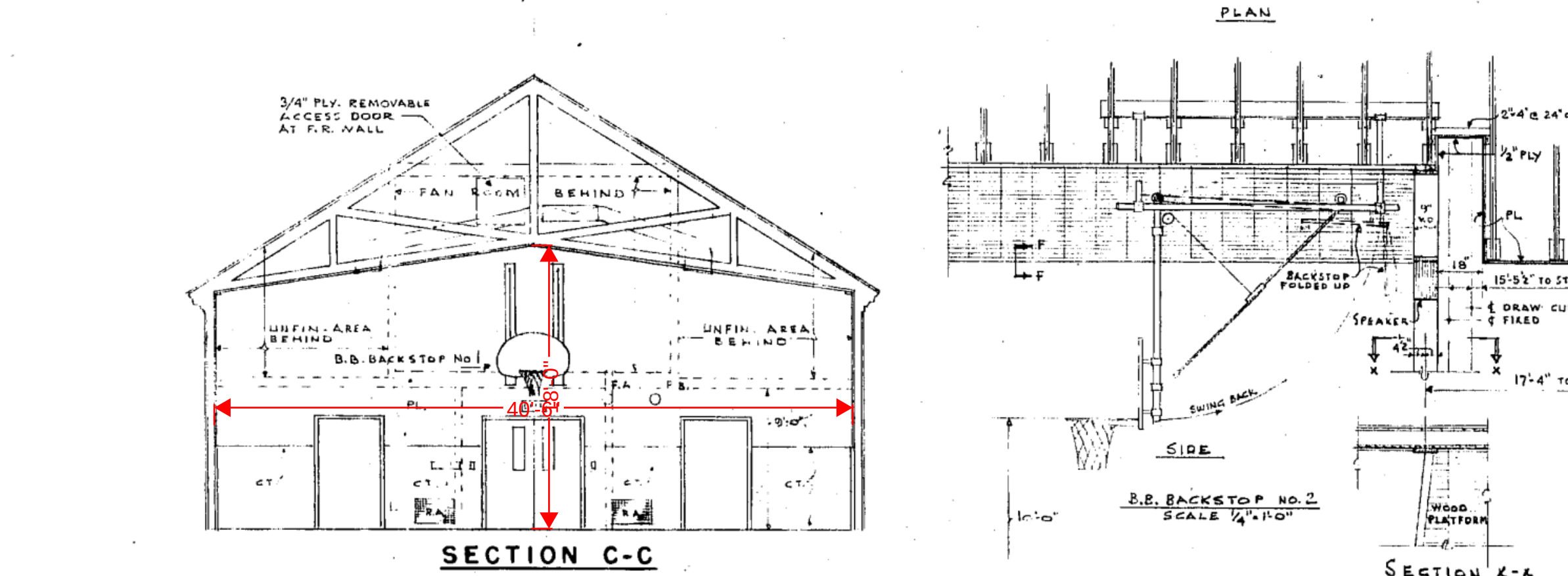
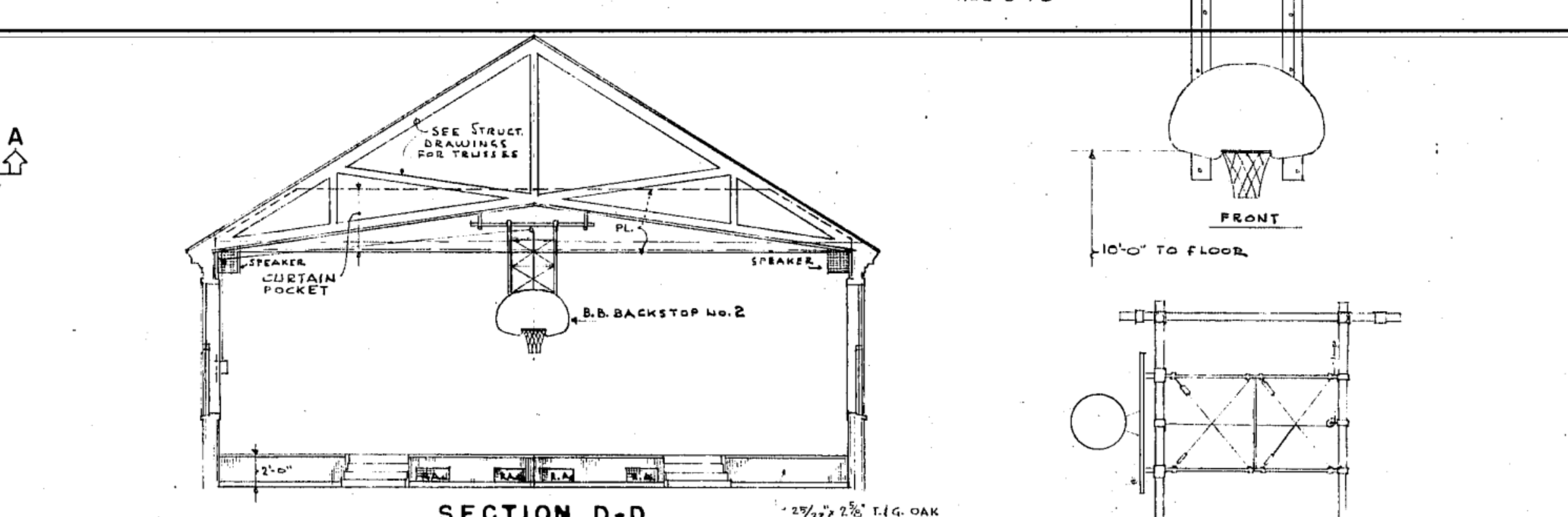
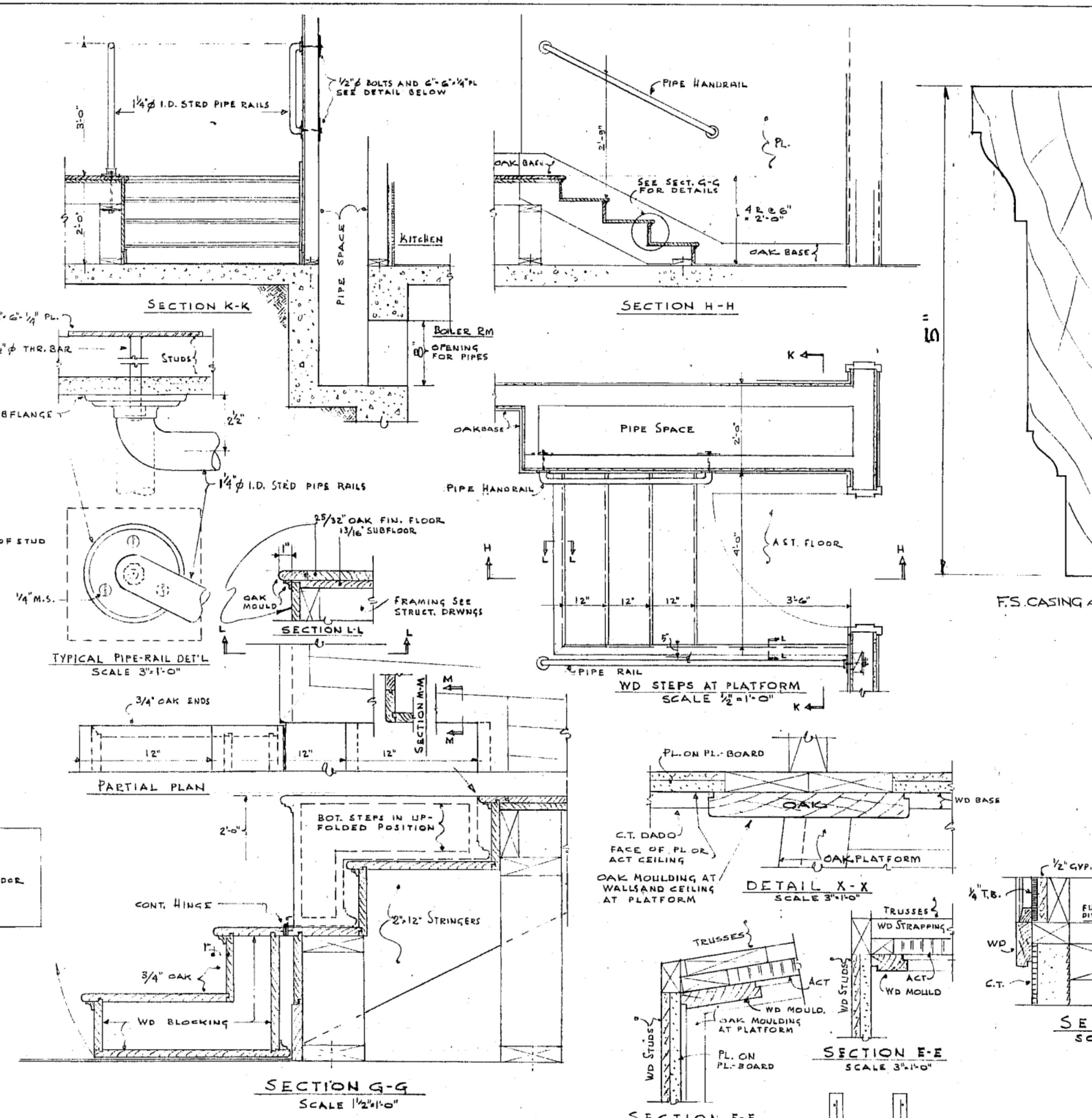
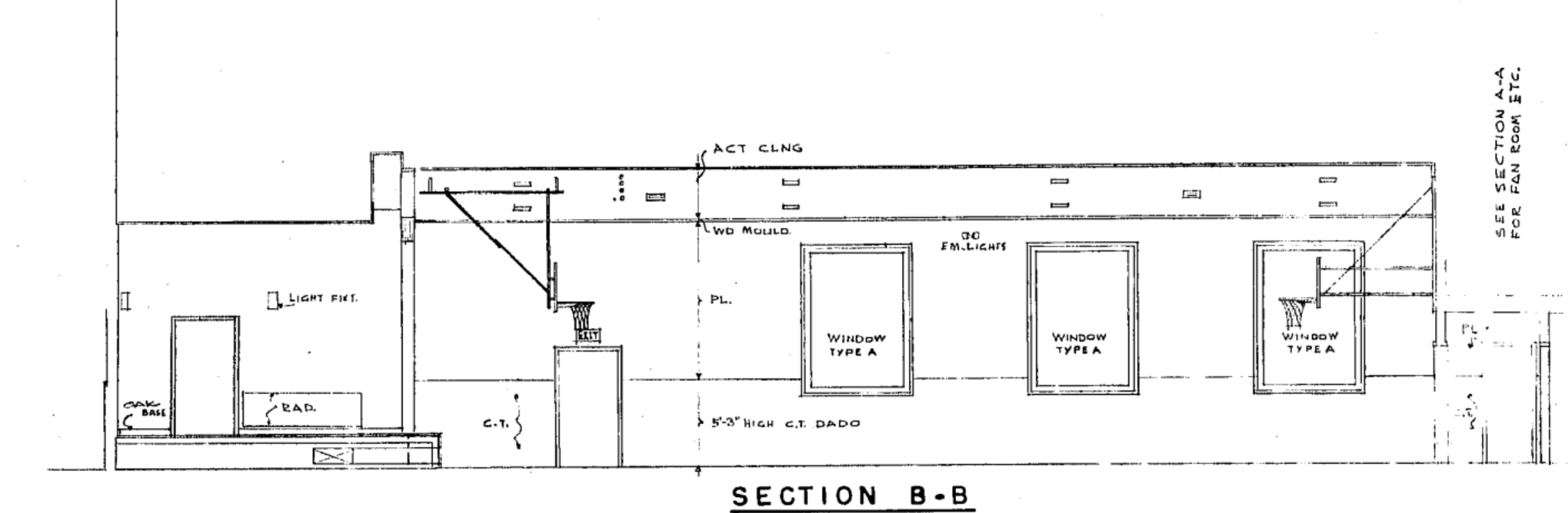
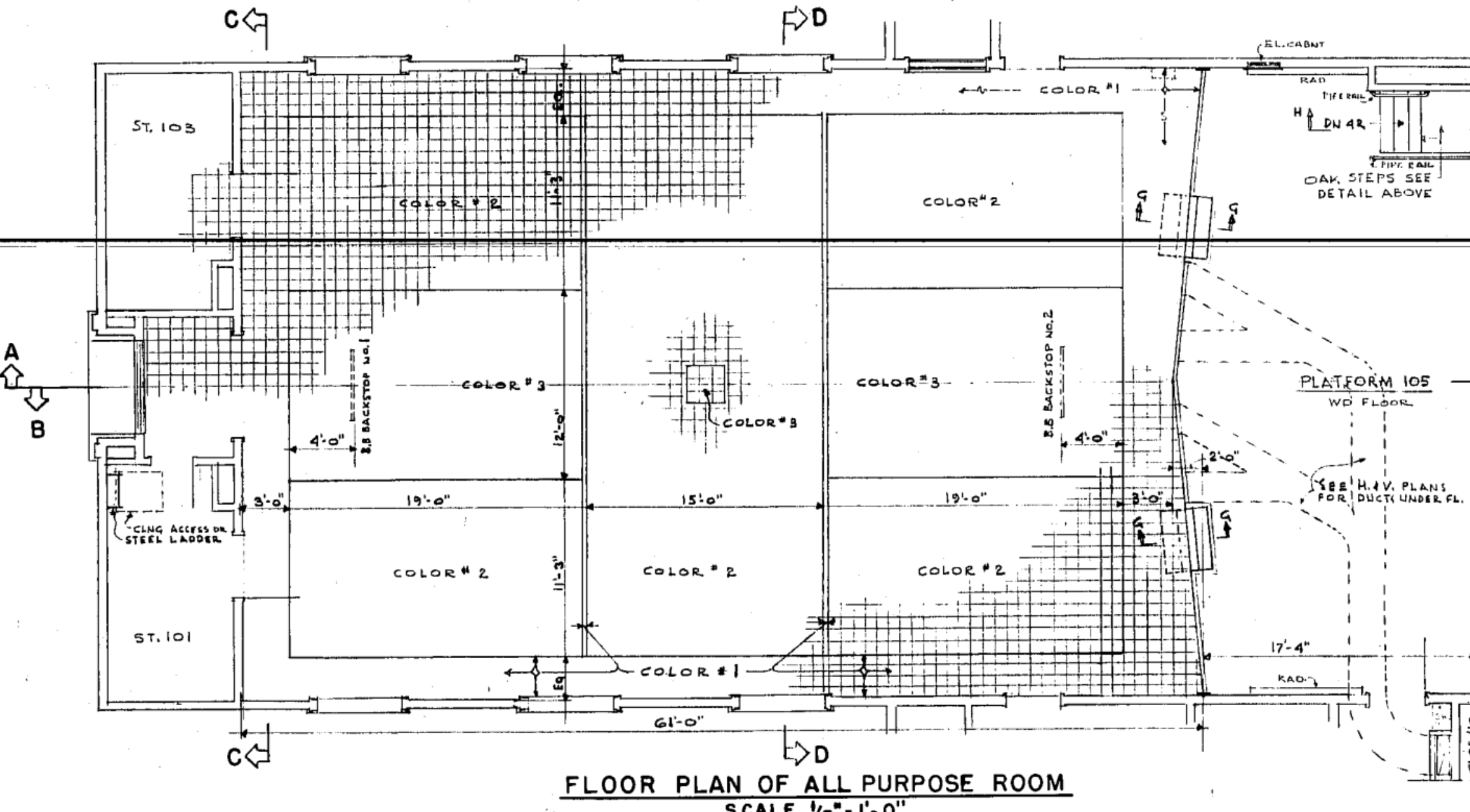
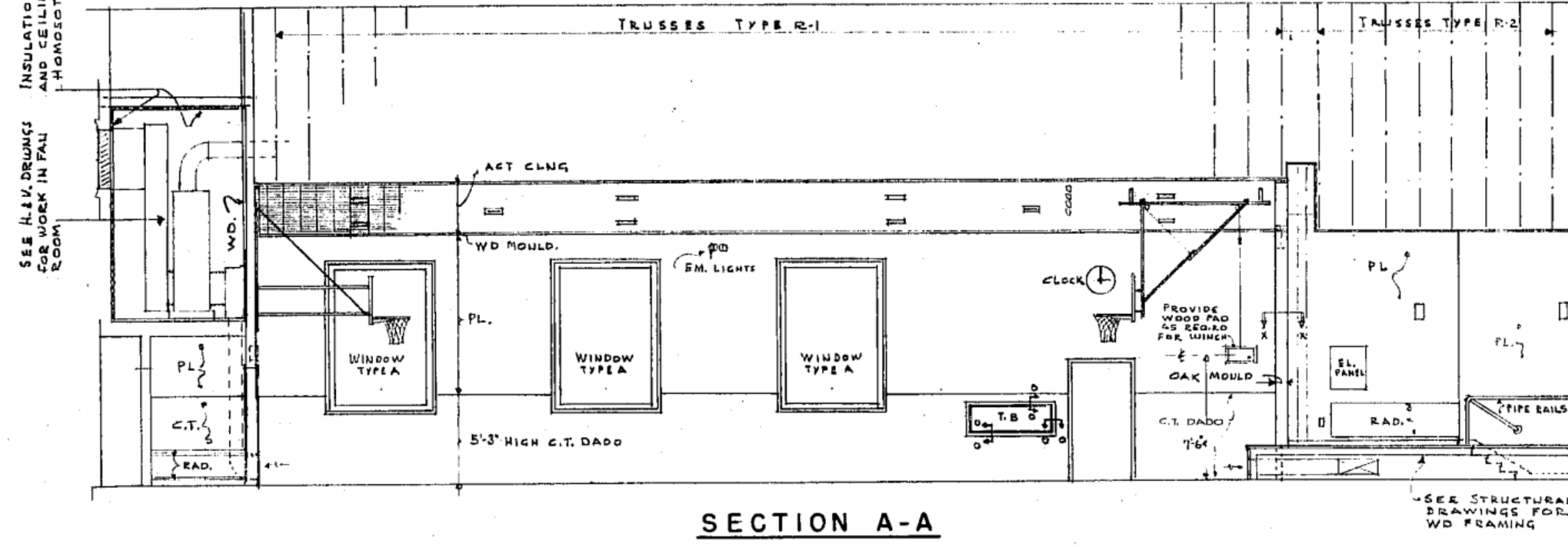
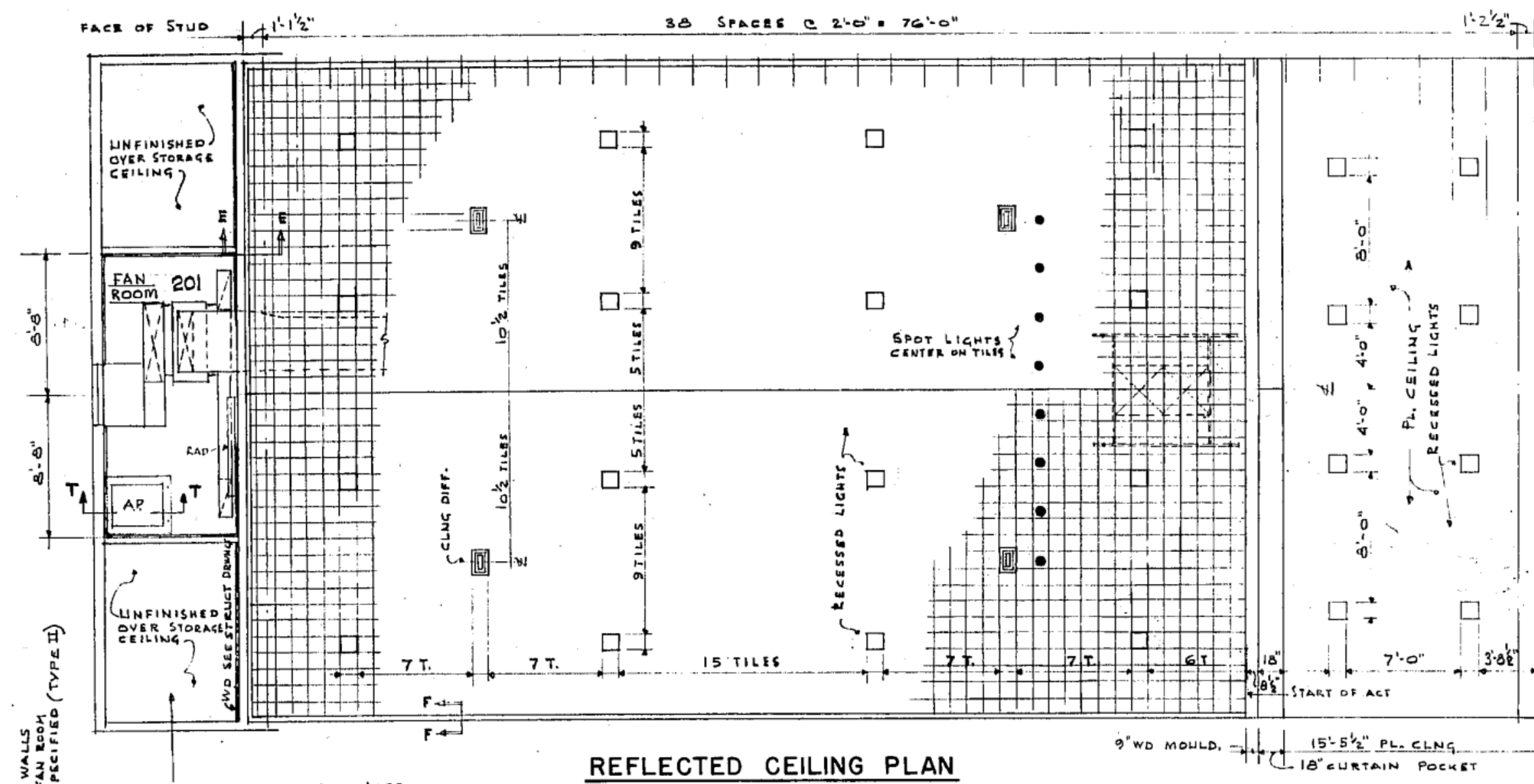




KILHAM, HOPKINS, GREELEY & BRODIE
 9 ARLINGTON STREET ARCHITECTS BOSTON, MASS.

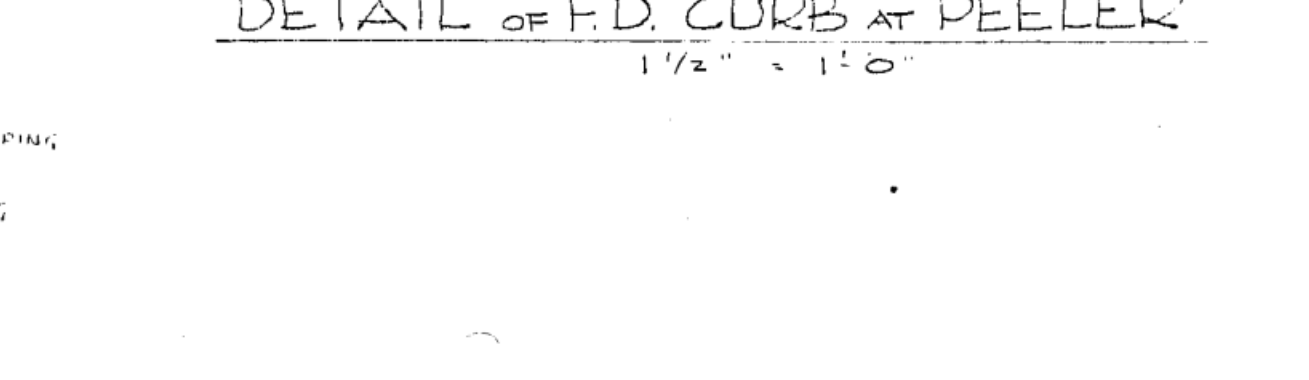
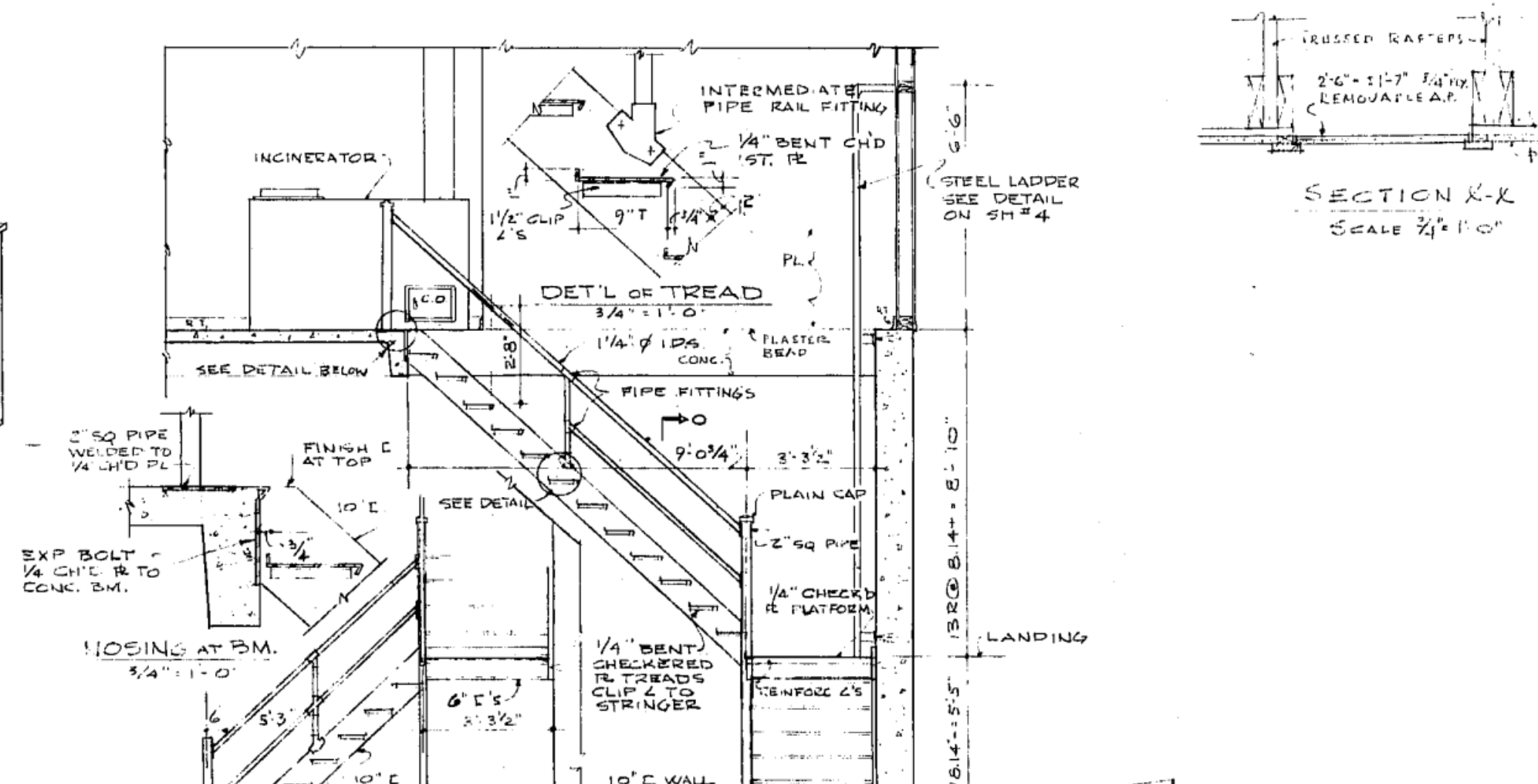
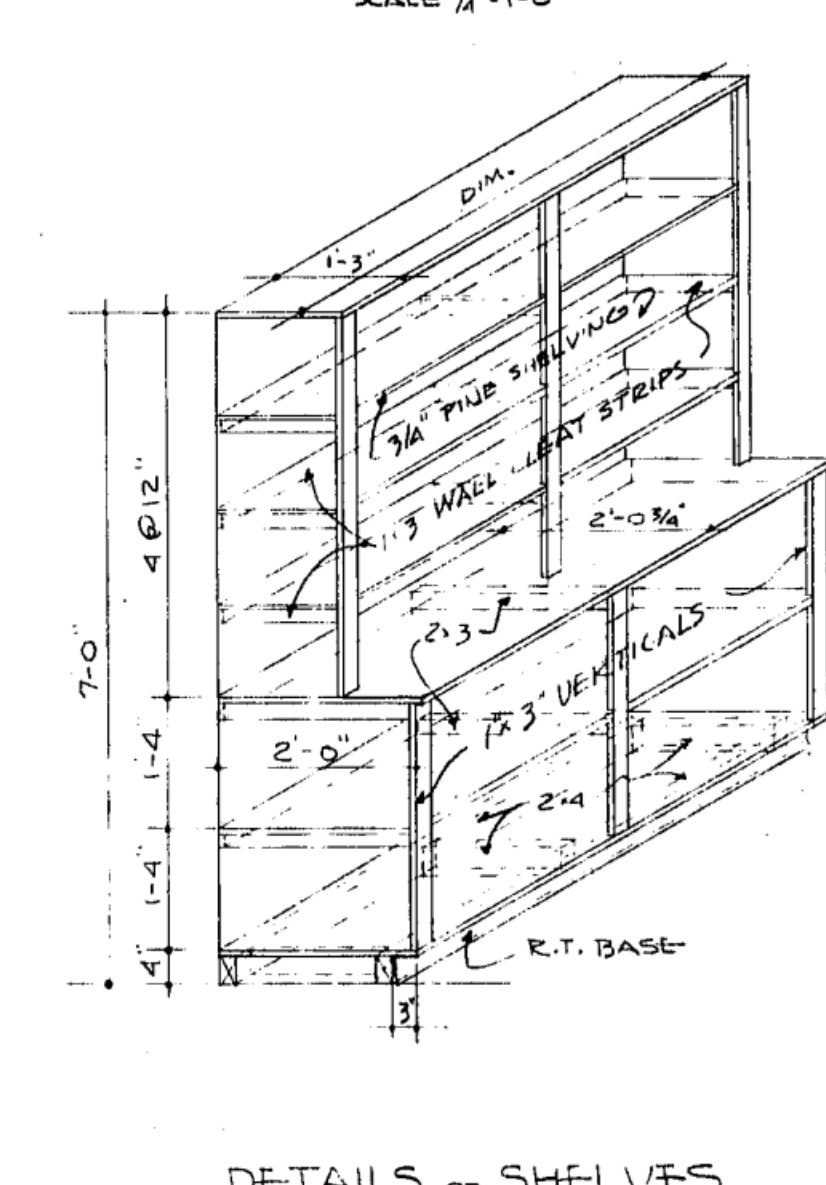
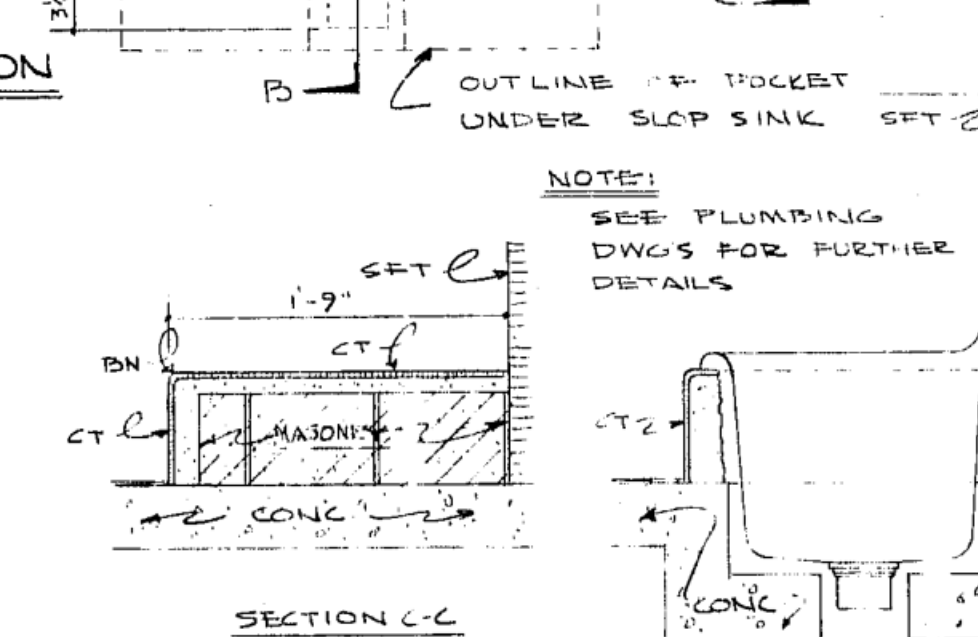
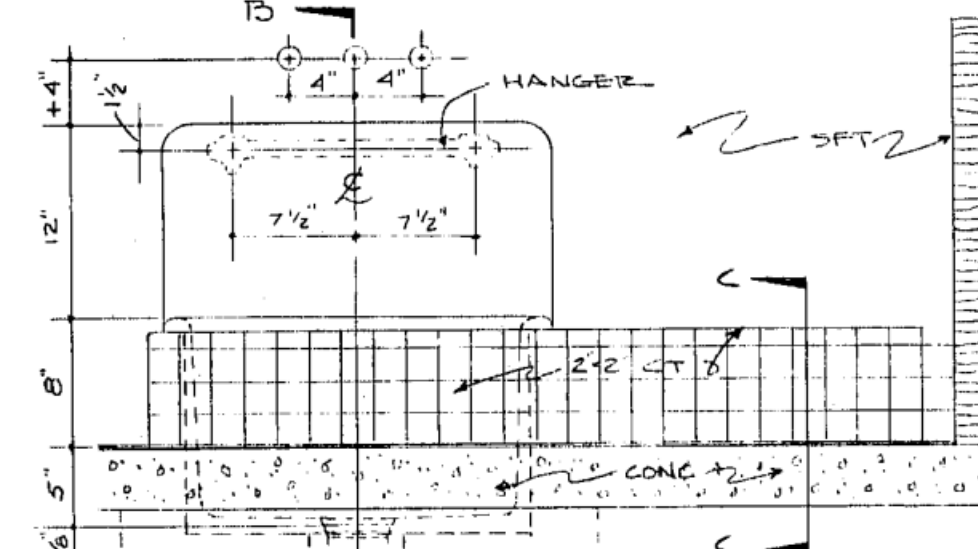
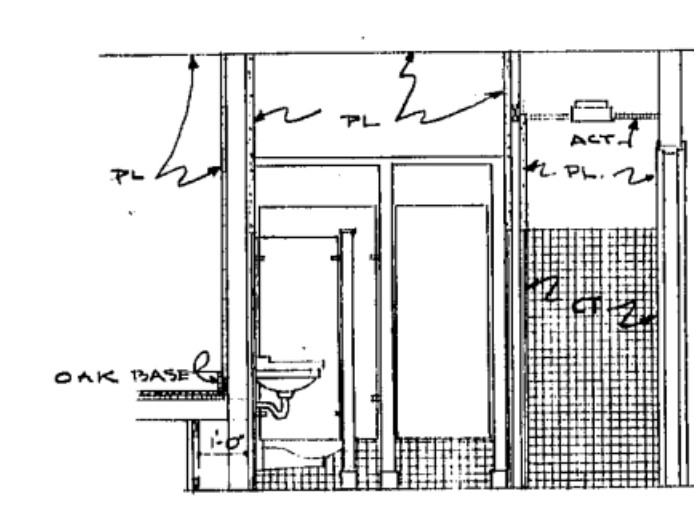
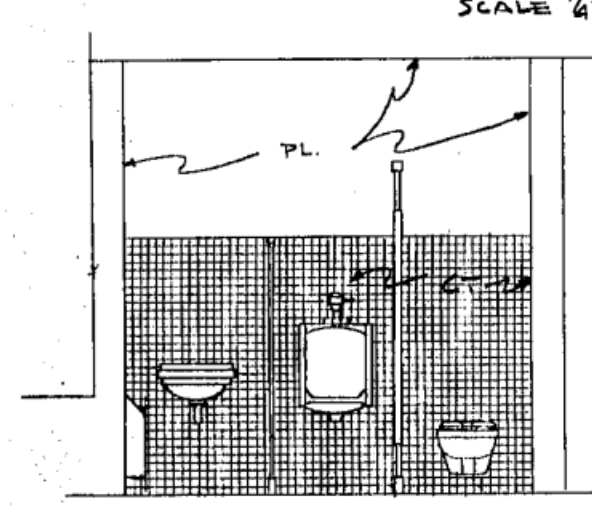
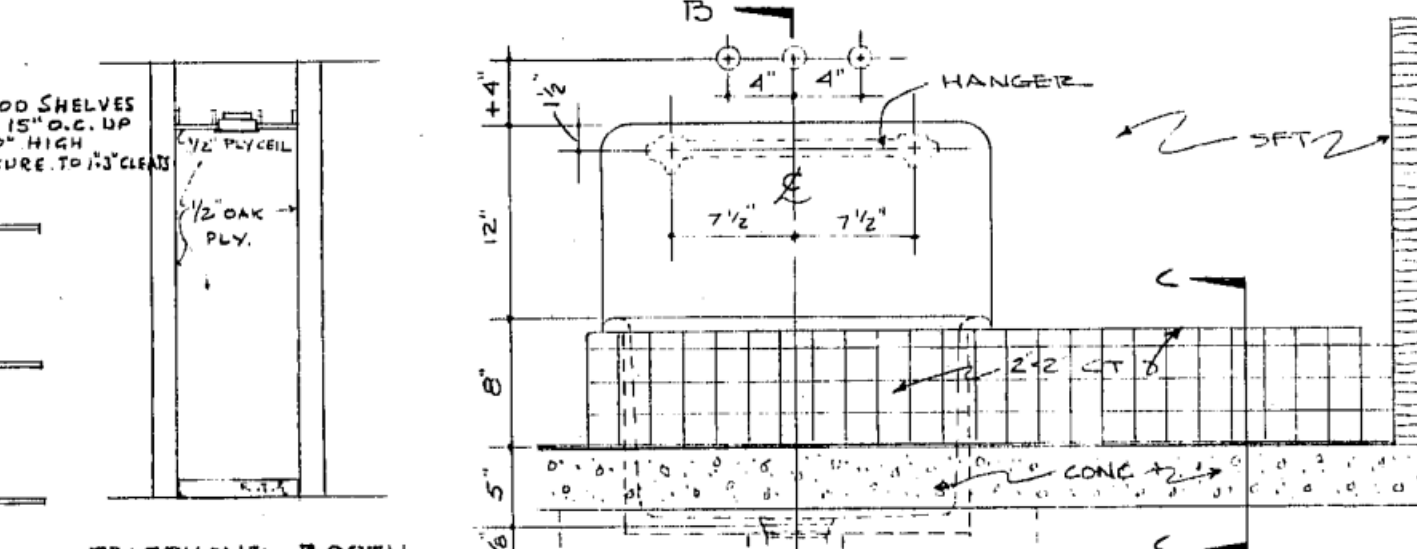
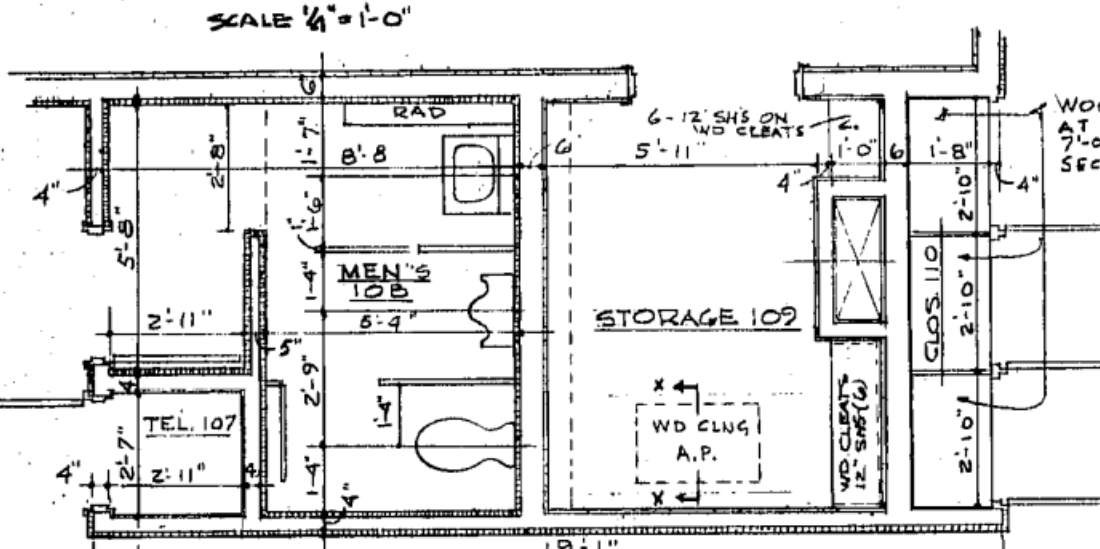
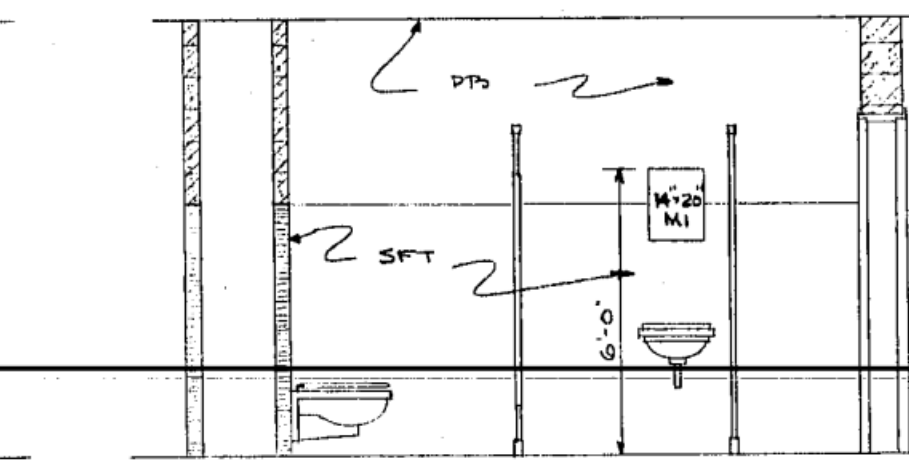
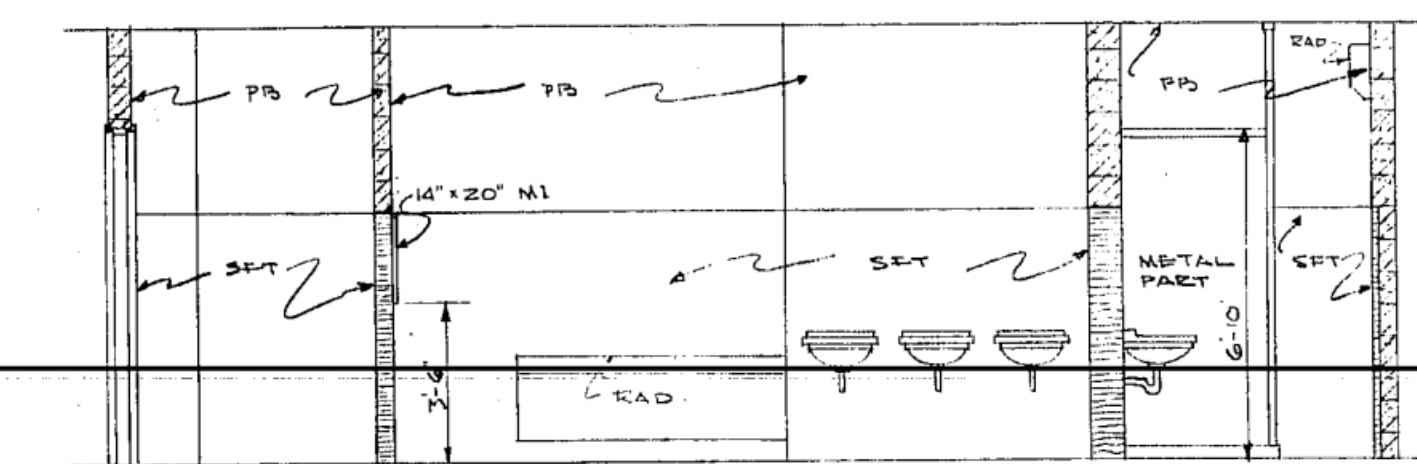
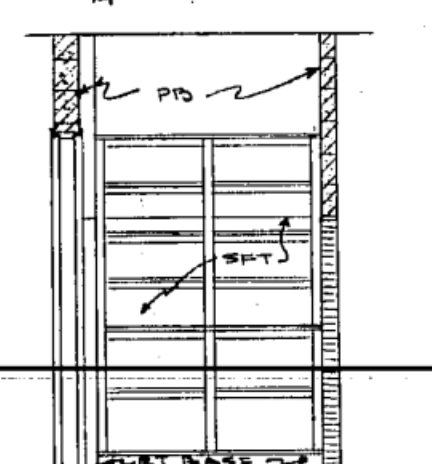
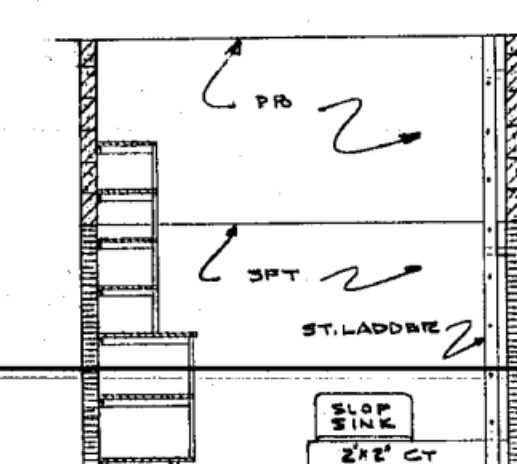
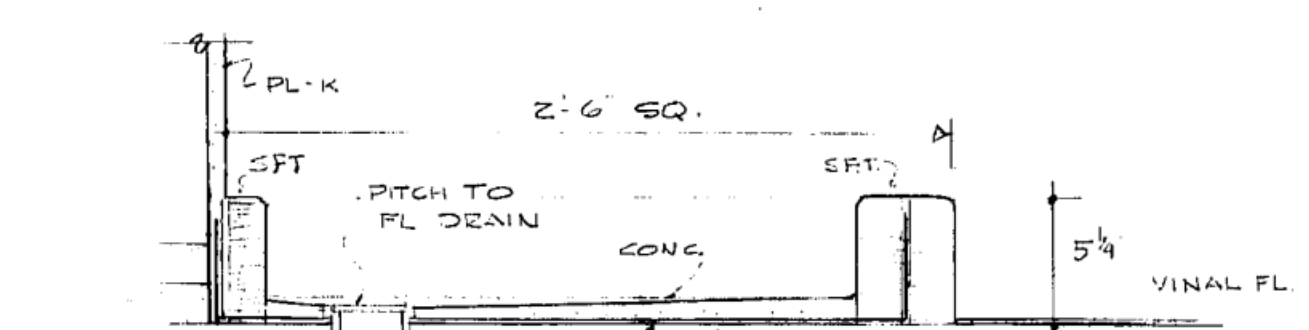
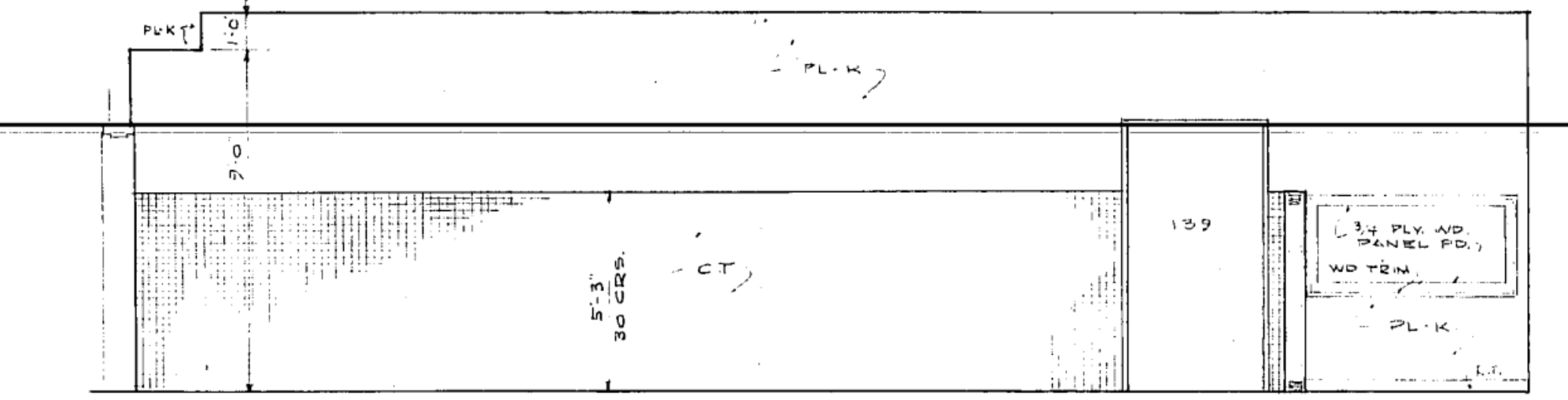
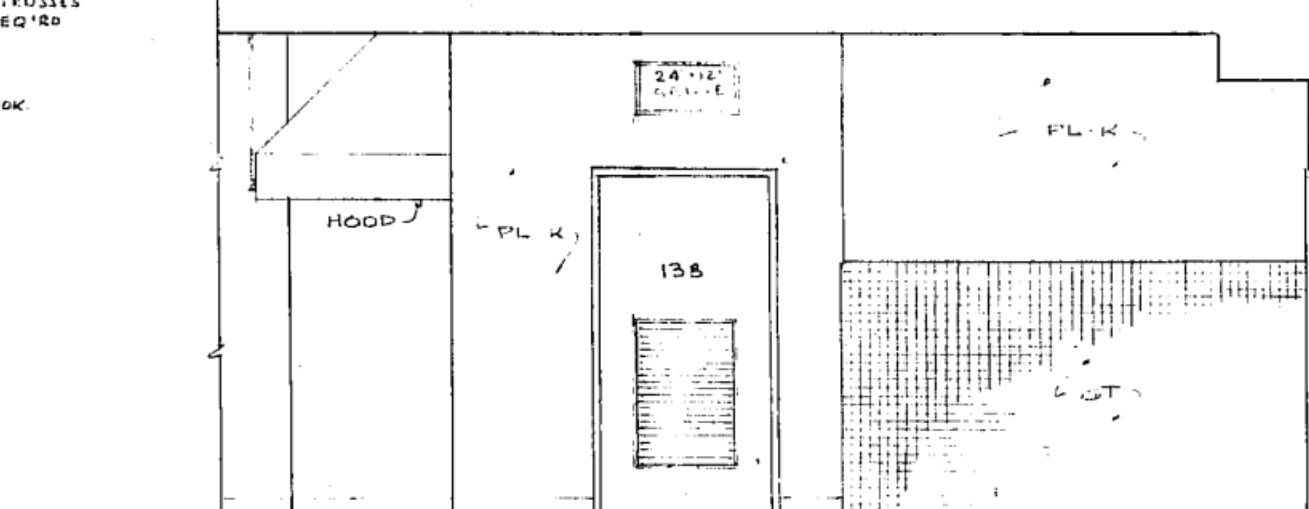
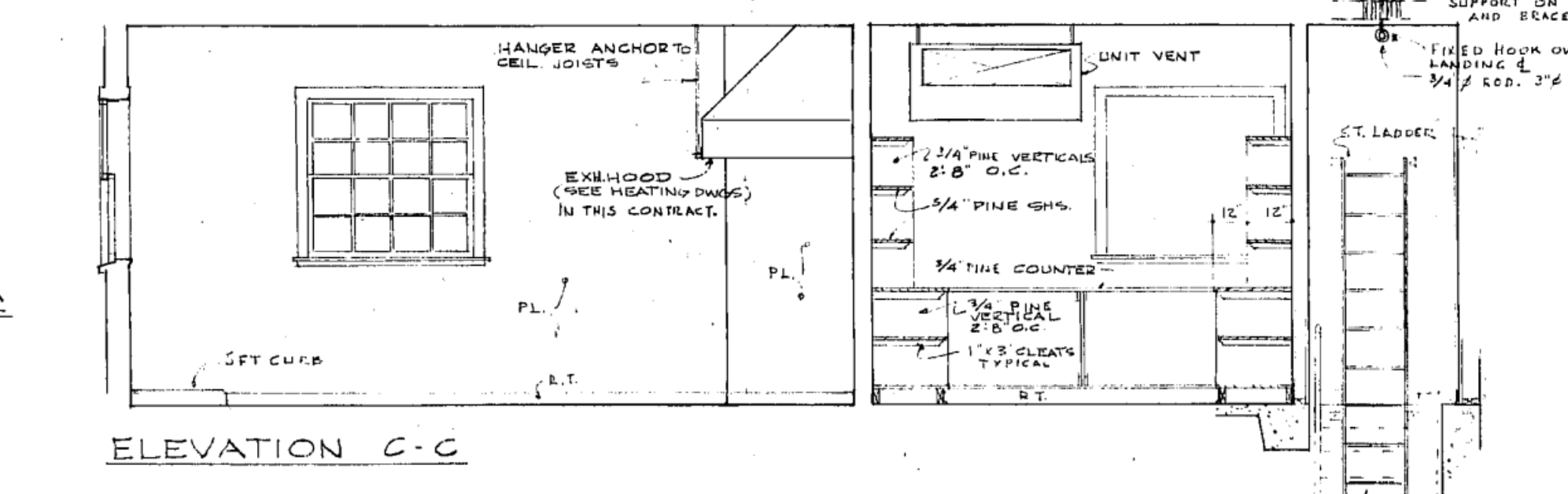
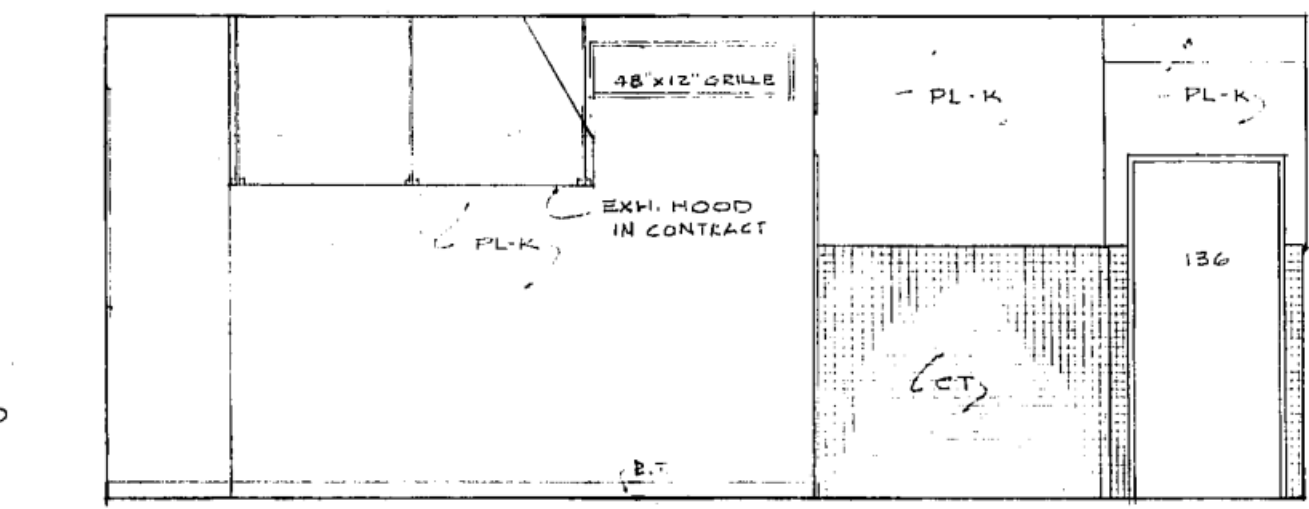
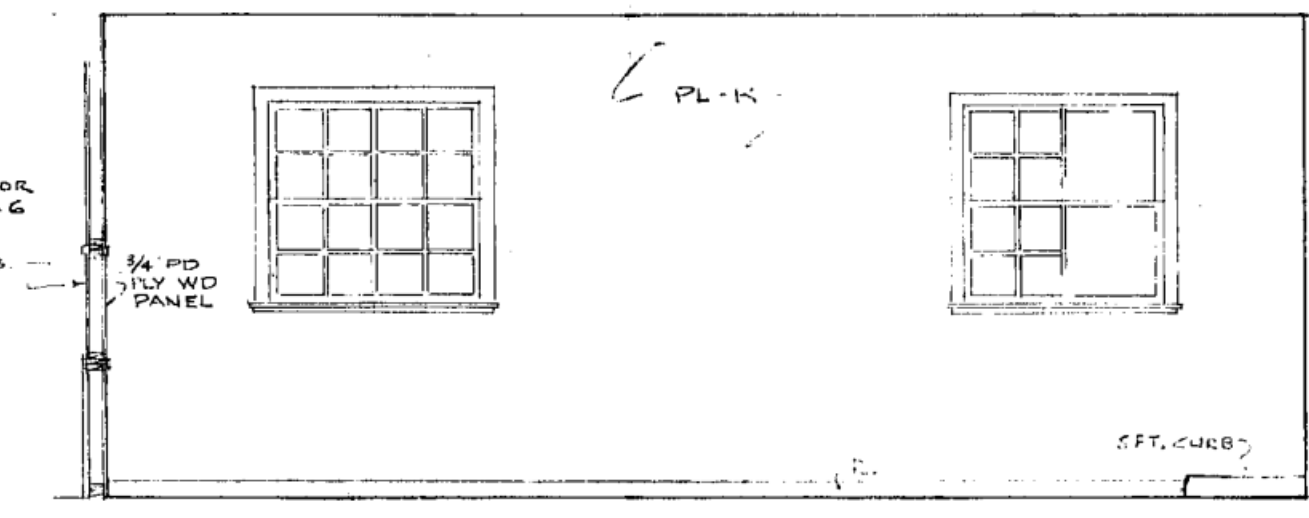
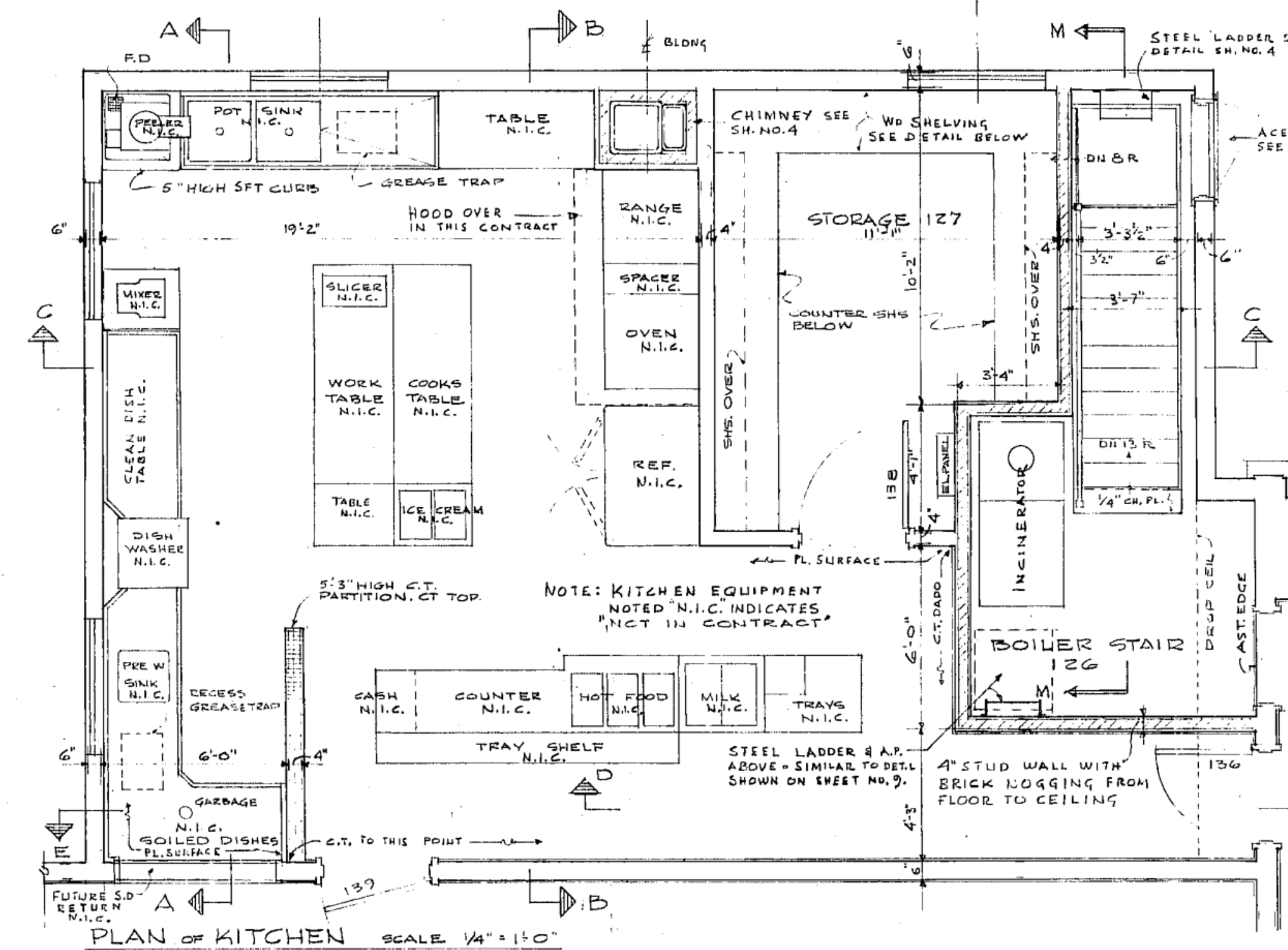
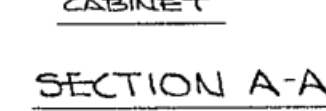
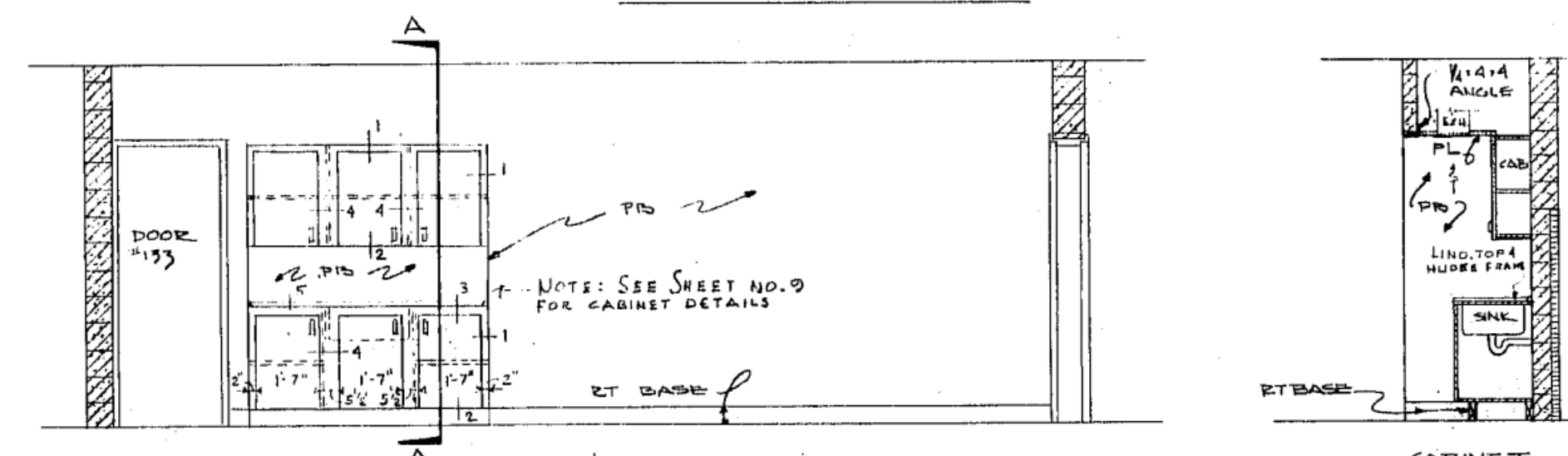
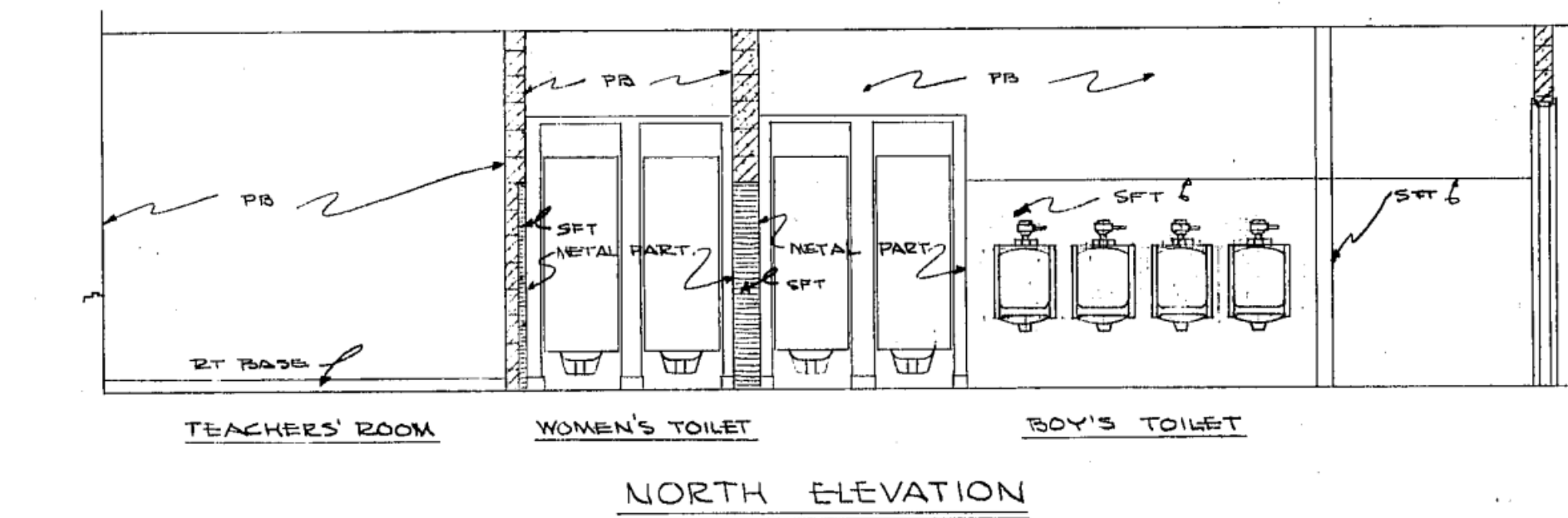
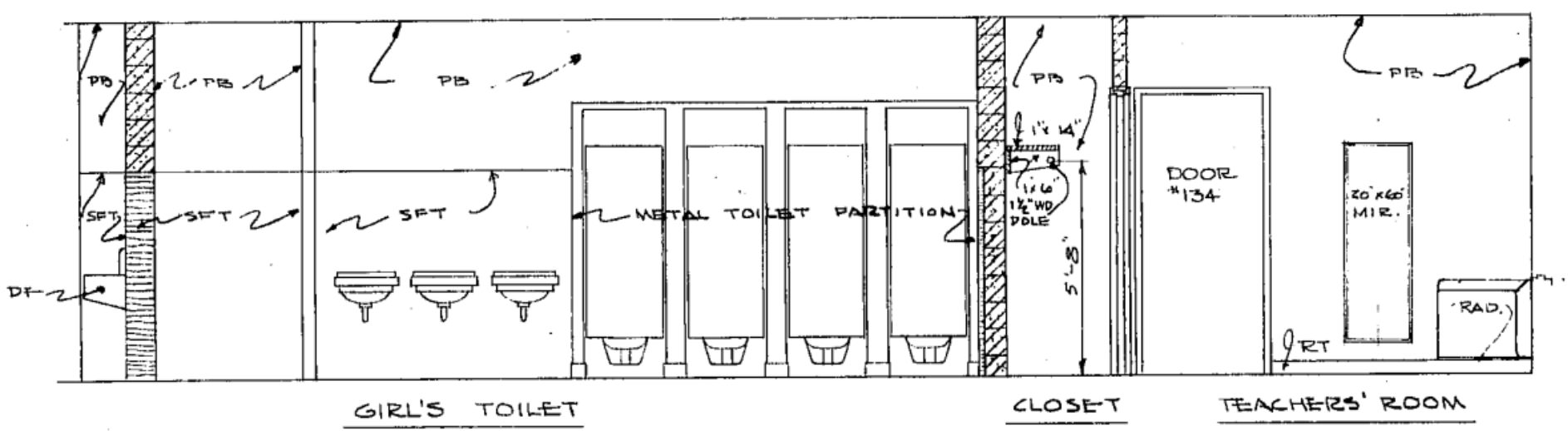
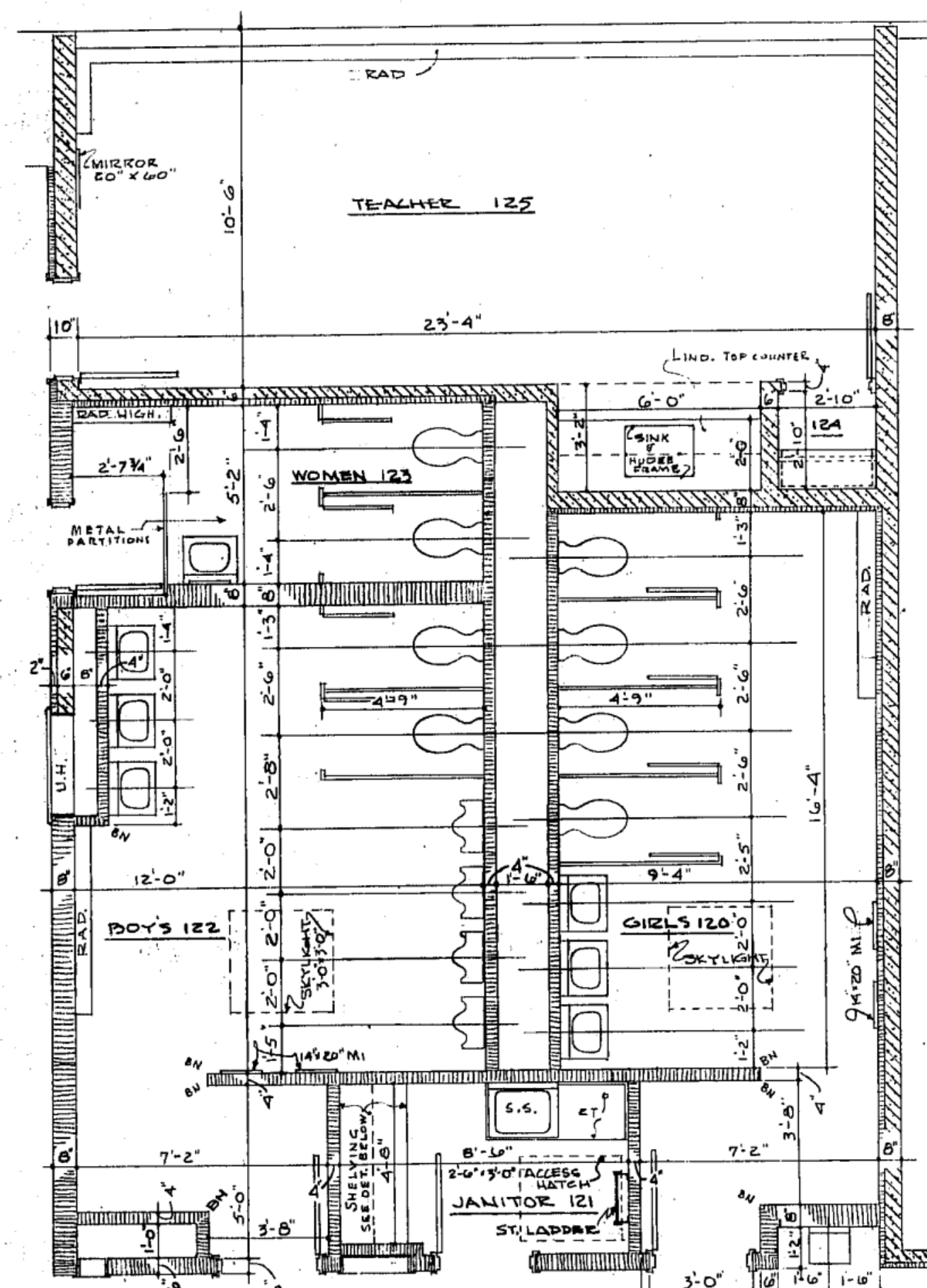
REVISIONS	Title of building	SHEET NO.
	HALIFAX ELEMENTARY SCHOOL	7
	HALIFAX MASS	
DATE NOV. 25 1958	Title of drawing	FILE NO.
DRAWN BY CPE	SECTIONS & ENT	2451
TRACED BY	CLASSROOM WING	SCALE 3/8" = 1'-0"

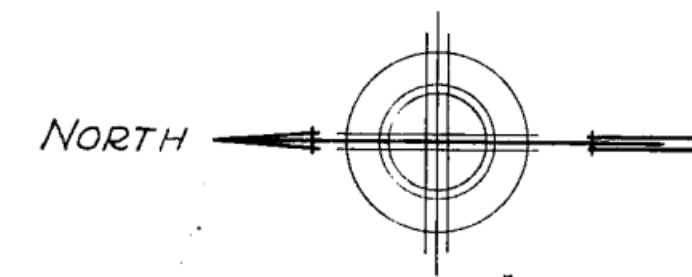
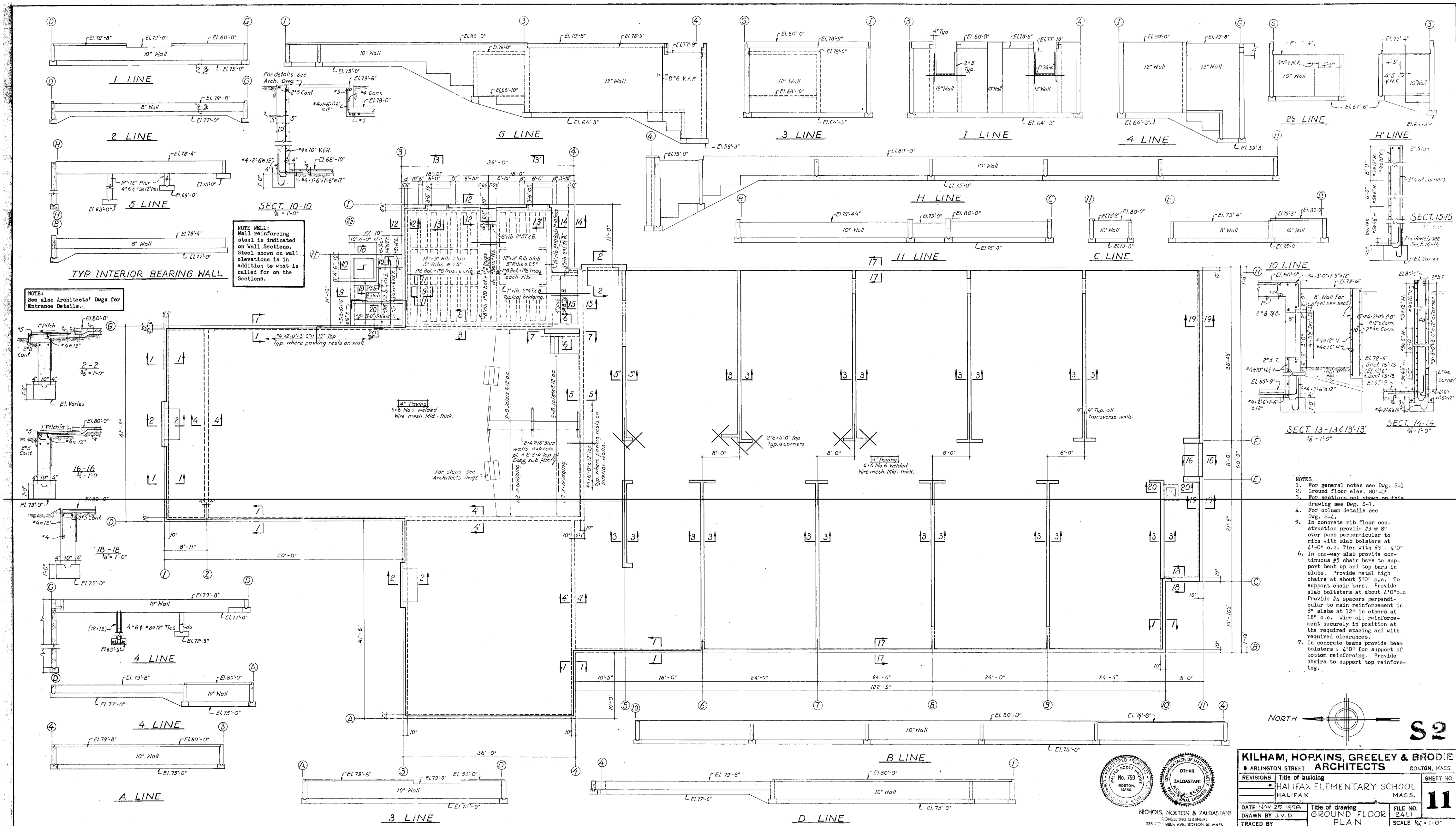




KILHAM, HOPKINS, GREELEY & BRODIE
9 ARLINGTON STREET ARCHITECTS BOSTON, MASS.

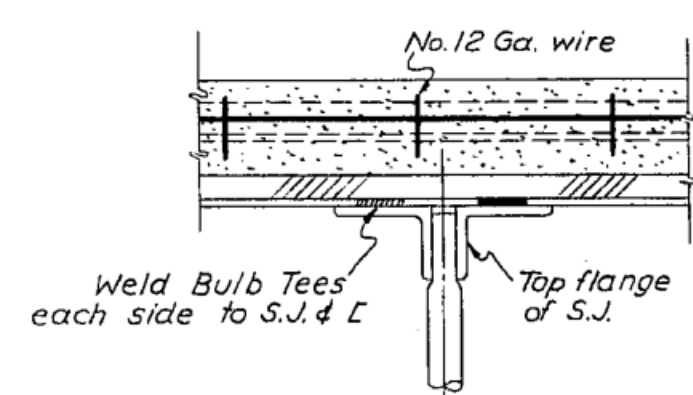
REVISIONS	Title of building	SHEET NO.
	HALIFAX ELEMENTARY SCHOOL	9
DATE NOV. 25, 1938	Title of drawing	FILE NO.
DRAWN BY	ALL PURPOSE RM AND DETAILS	2481
TRACED BY		SCALE AS NOTED



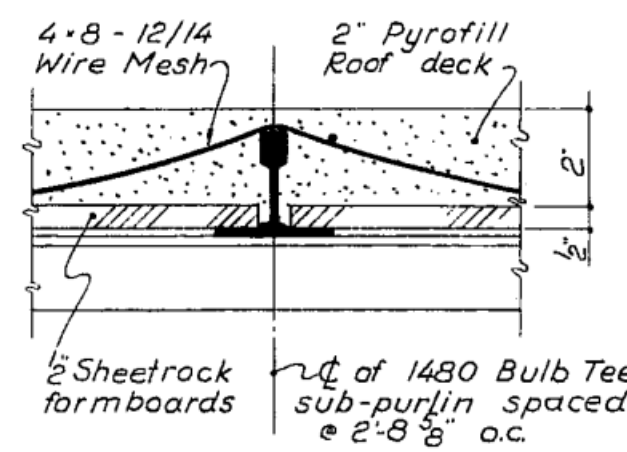


REGISTERED ARCHITECT
 No. 750
 BOSTON, MASS.
 OTHER
 ZALDASTANI
 CONSULTING ENGINEER
 NICHOLS, NORTON & ZALDASTANI
 CONSULTING ENGINEERS
 285 COTTERMAN AVE., BOSTON 16, MASS.

KILHAM, HOPKINS, GREELEY & BRODIE ARCHITECTS			
ARLINGTON STREET BOSTON, MASS.		BOSTON, MASS.	
REVISIONS	Title of building	SHEET NO.	
1	HALIFAX ELEMENTARY SCHOOL	11	
2	HALIFAX	MASS.	
DATE NOV. 25 1958		FILE NO.	
DRAWN BY J.V.D.		2411	
TRACED BY		SCALE 1/8" = 1'-0"	
Title of drawing		GROUND FLOOR PLAN	

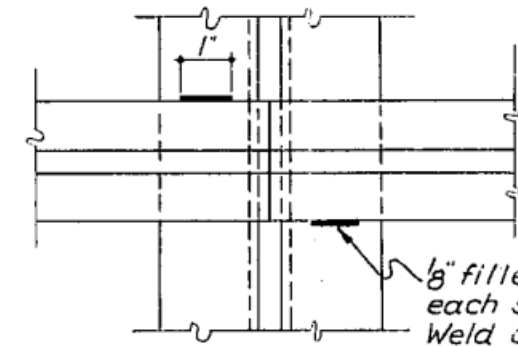


ELEVATION



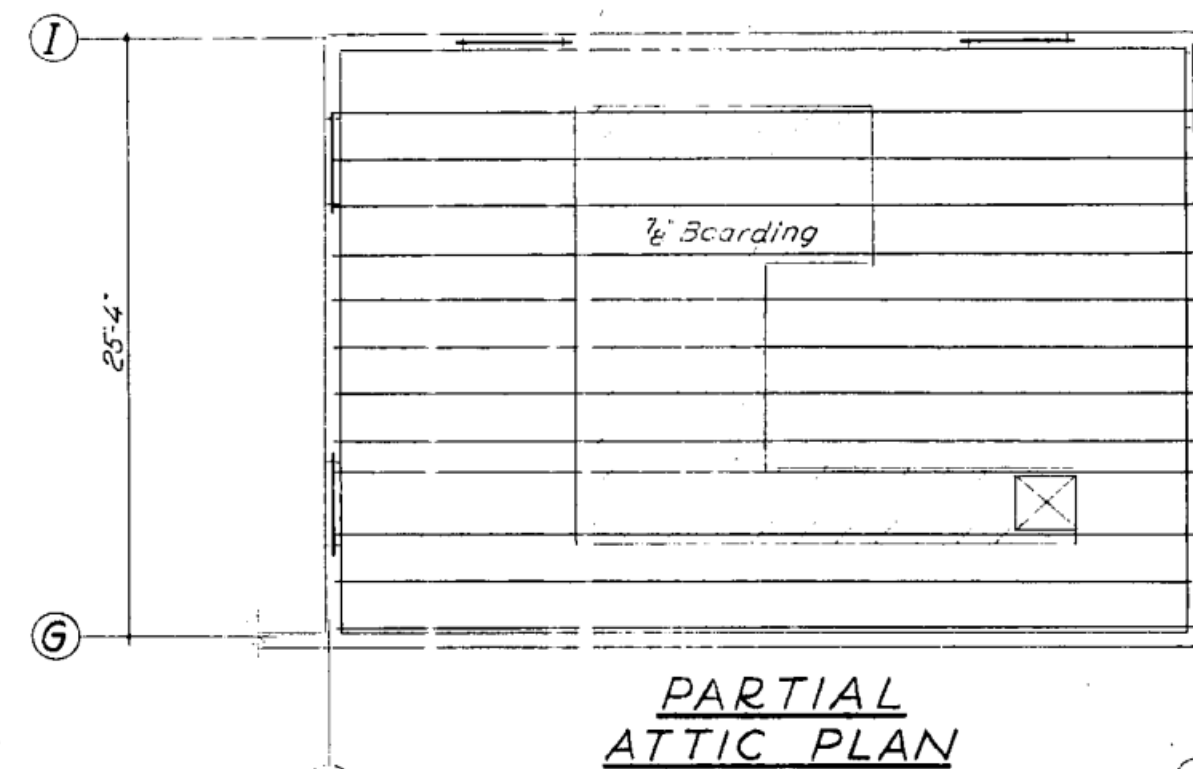
SECTION

NOTE WELL:
All welding shall be done by welders certified by the City of Boston as competent or approved by Architect.

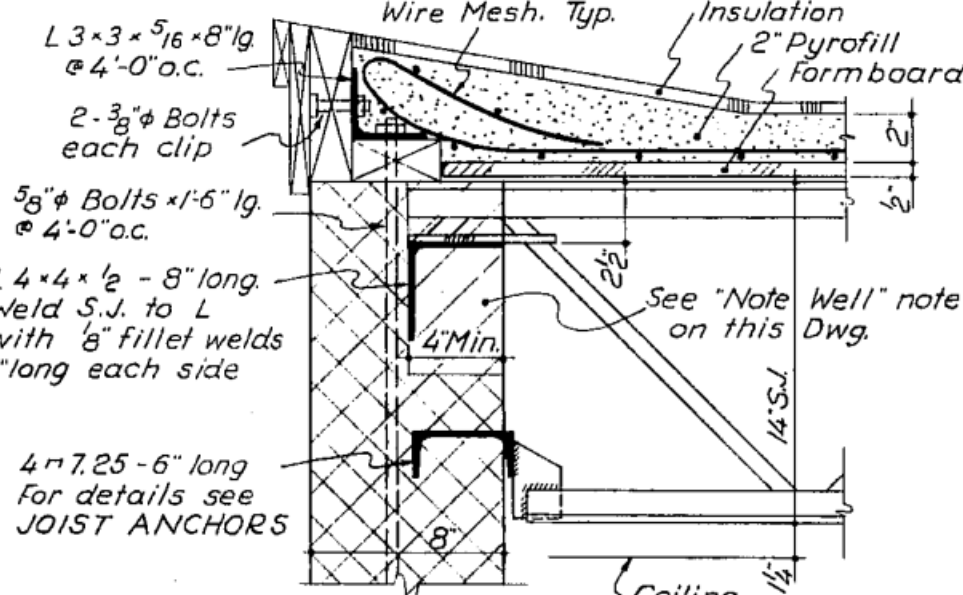


PLAN

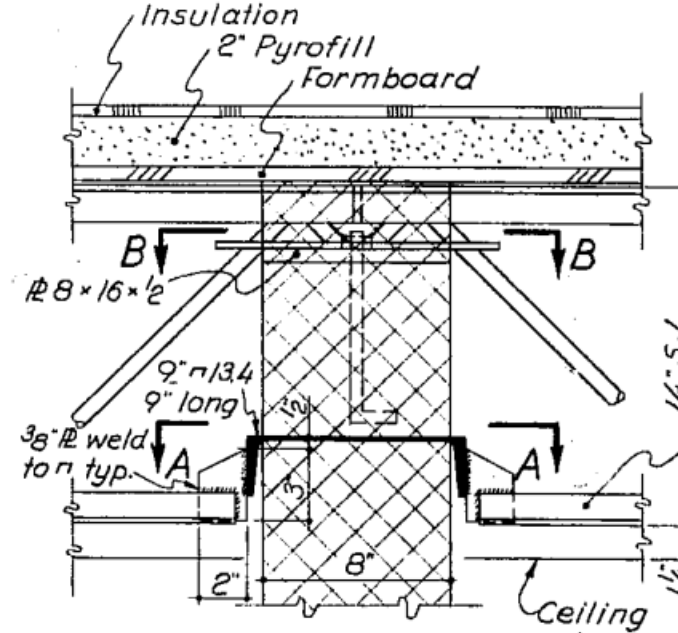
BULB TEES
3' x 1'-0"



PARTIAL ATTIC PLAN

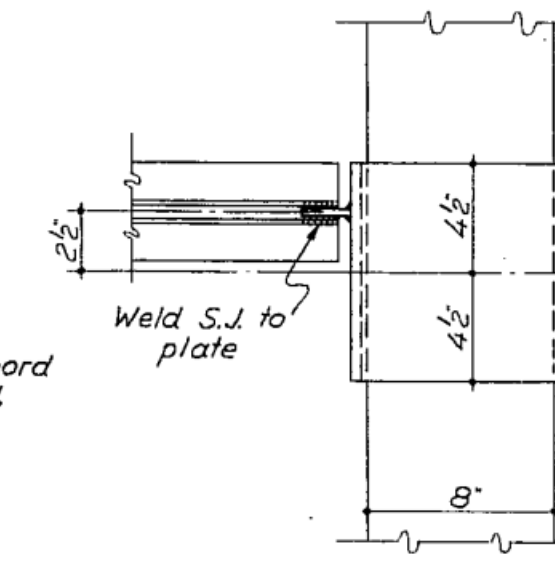


BEARING ON MASONRY

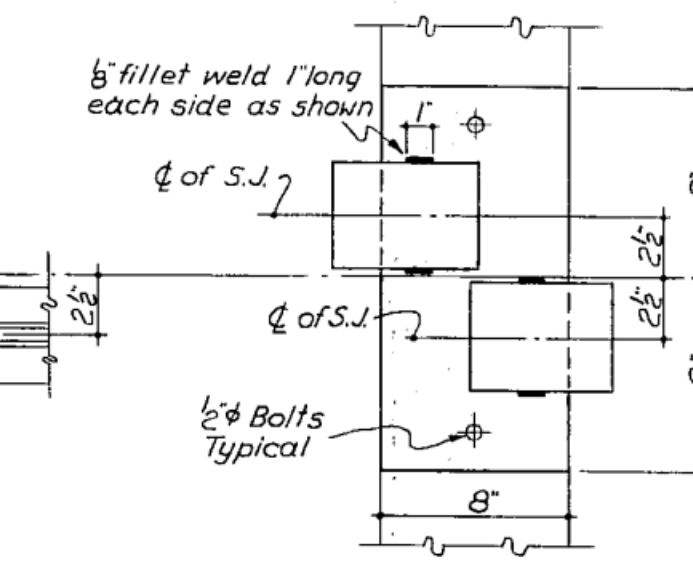


JOIST ANCHORS

NOTE WELL:
All beams or steel joists shall bear either on steel or masonry. When the bearing walls are made up of hollow masonry, they shall have their last course filled with concrete under the bearing surface or be topped with three (3) brick courses.

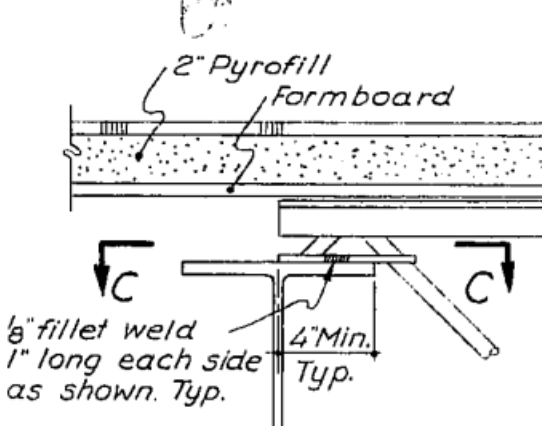


PLAN A-A

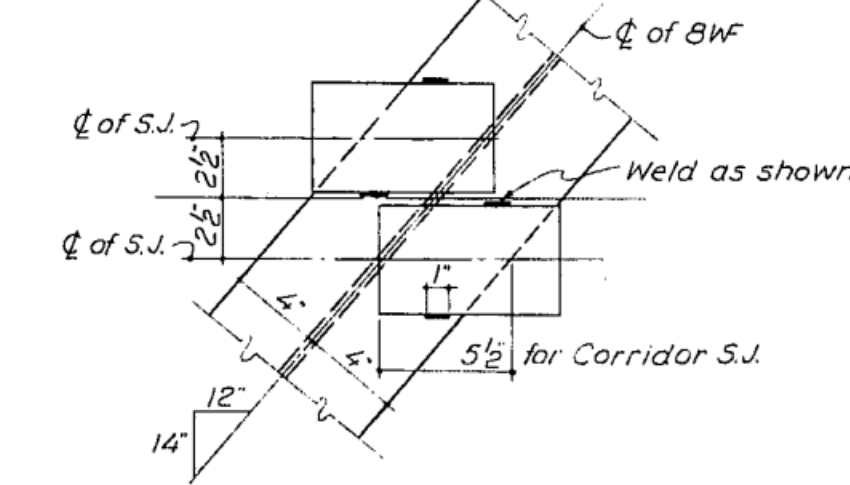


PLAN B-B

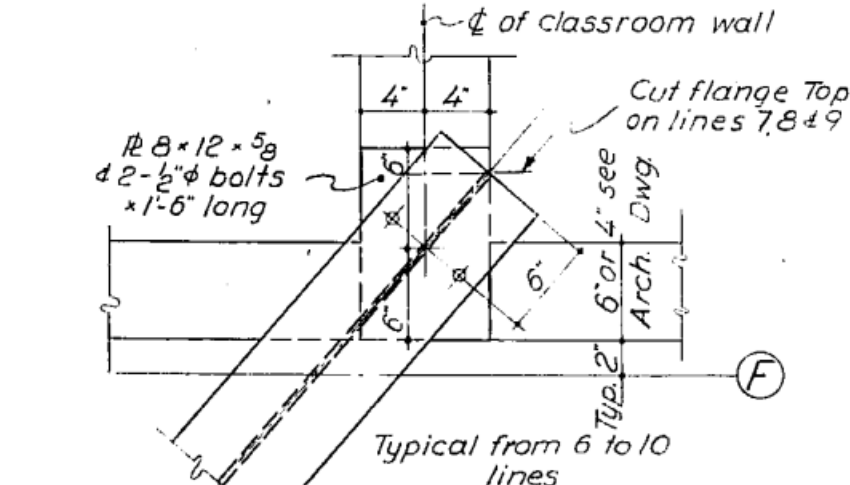
STRUCTURAL JOIST DETAILS
1/2 x 1'-0"



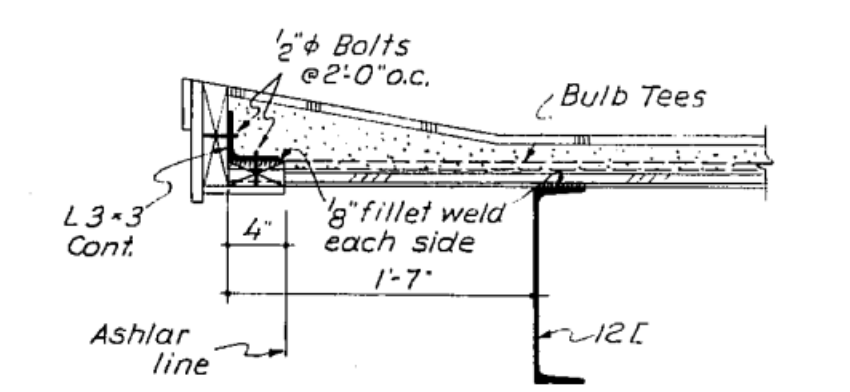
BEARING ON STEEL BEAMS



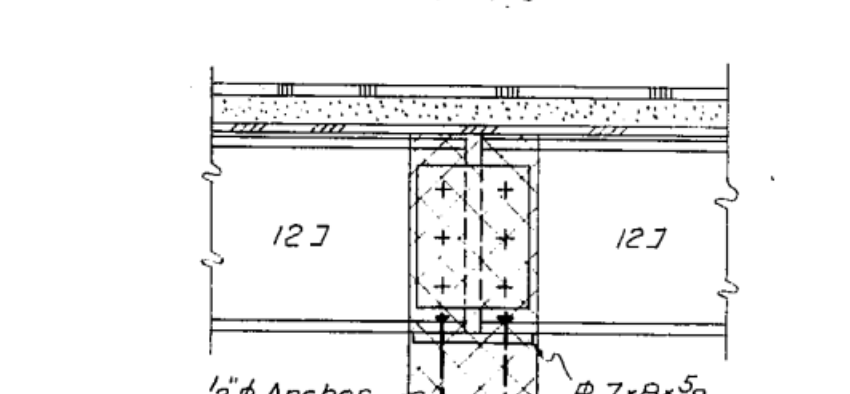
PLAN C-C



DETAIL A
1' x 1'-0"

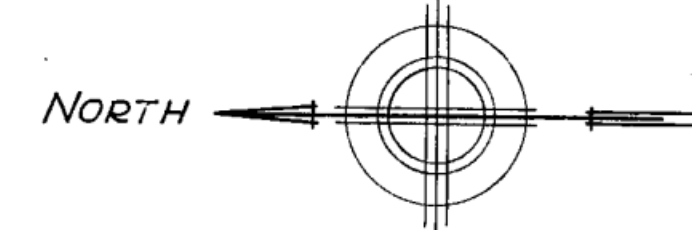


SECTION H-H
1' x 1'-0"



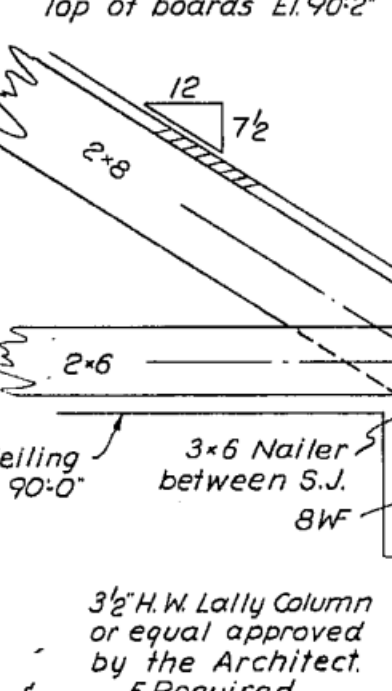
SECTION G-G
1' x 1'-0"

- NOTES:
1. For General Notes see Dwg. S-1.
 2. For Roof Elevation, see Sections.
 3. Top of Structural Joists El. 90'-3 1/4"
 4. Top of Steel Beams El. 90'-0 3/4" except as noted thus (-).
 5. For Details of Wood Framing see Dwg. S-4.

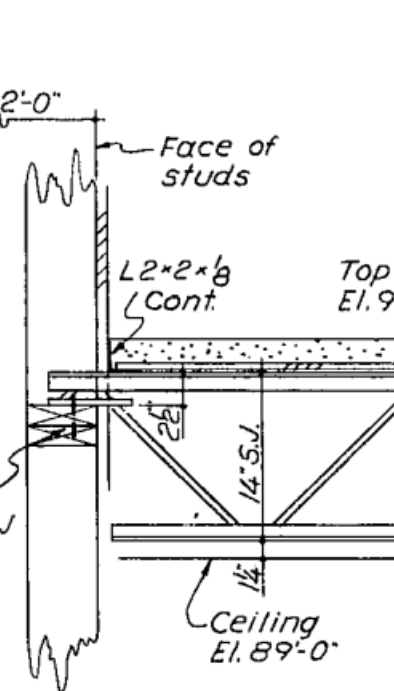


S3

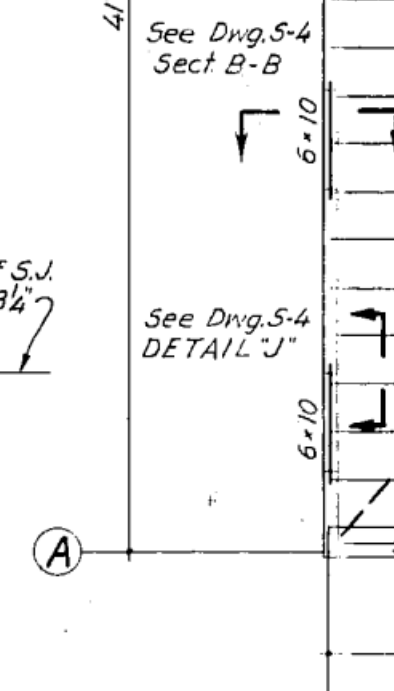
FAN ROOM PLAN
Top of boards El. 90'-2"



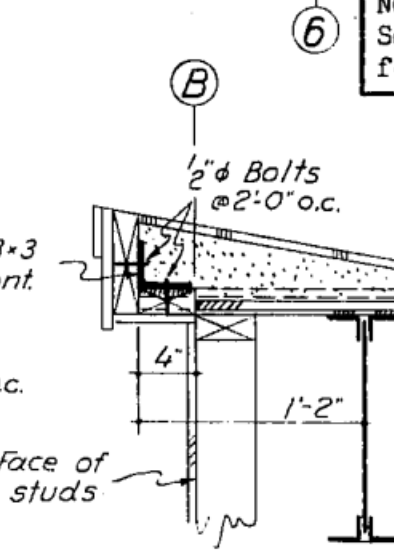
SECTION A-A
3/4 x 1'-0"



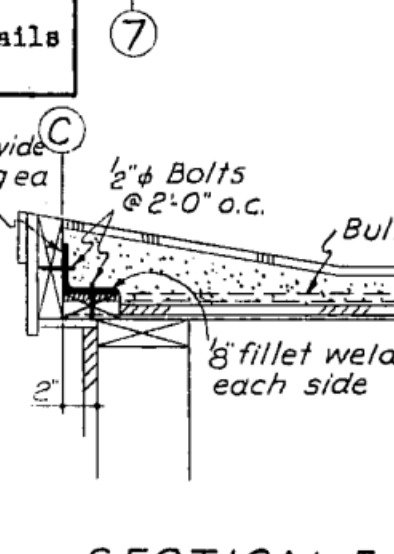
SECTION B-B
3/4 x 1'-0"



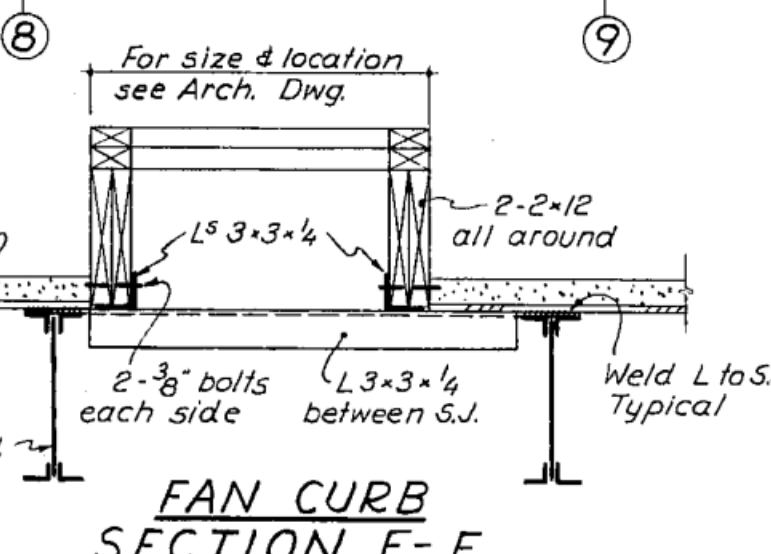
SECTION C-C
3/4 x 1'-0"



SECTION D-D
1' x 1'-0"



SECTION E-E
1' x 1'-0"



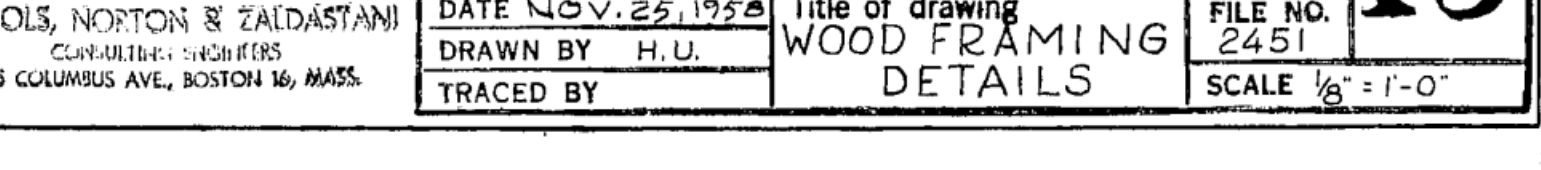
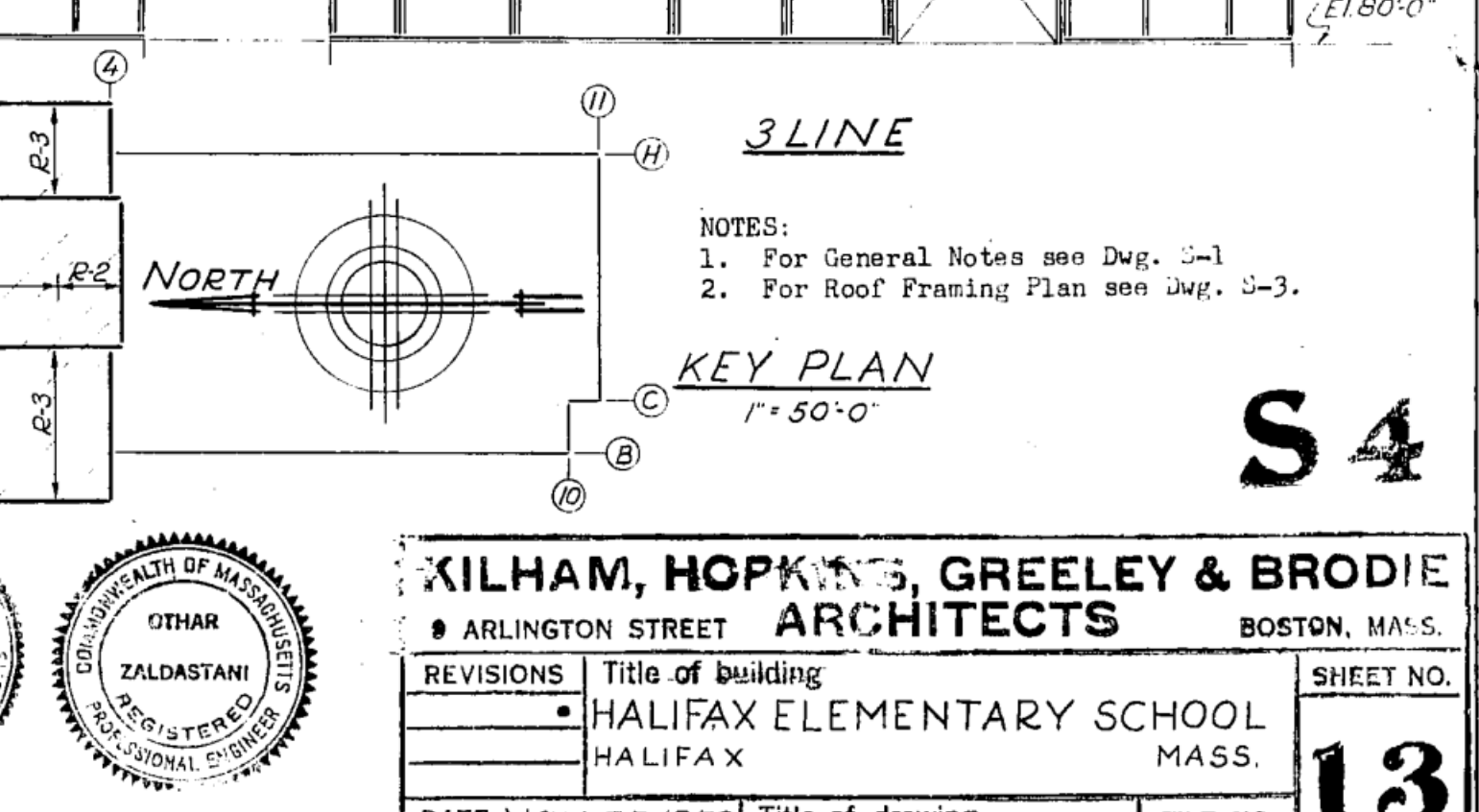
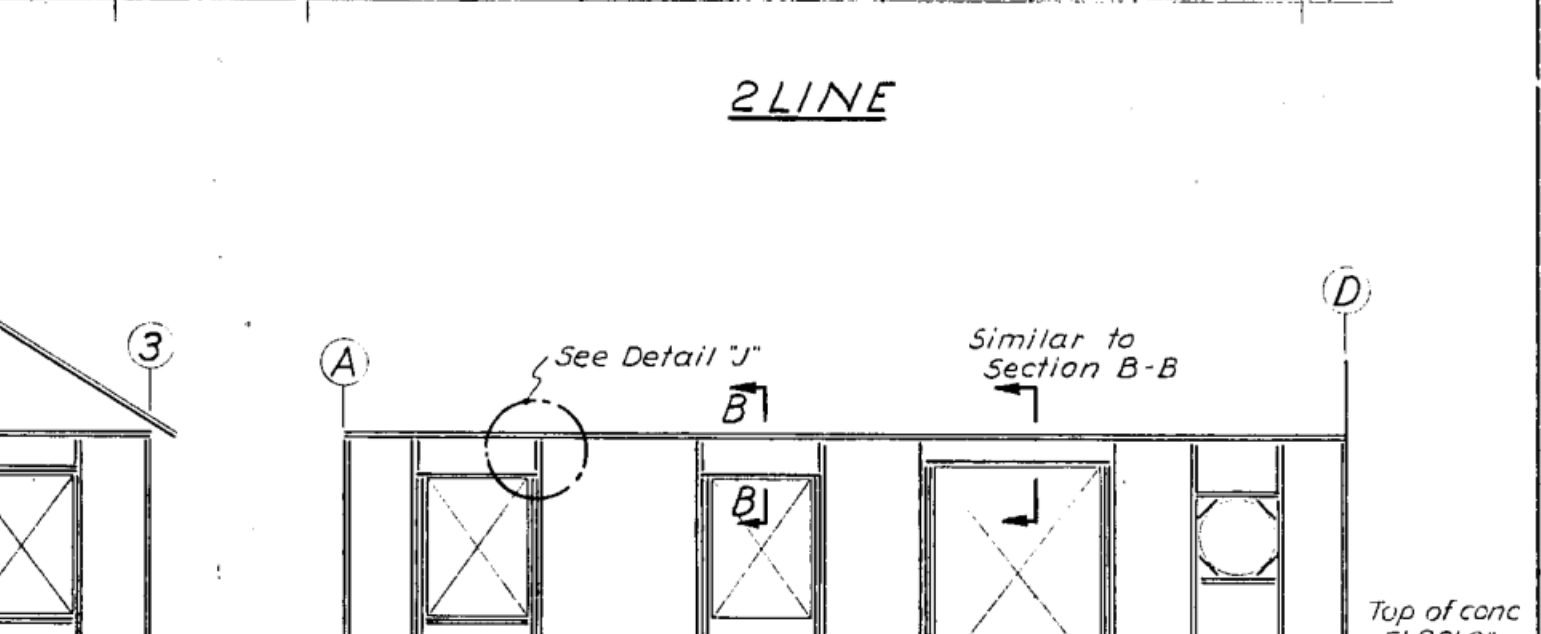
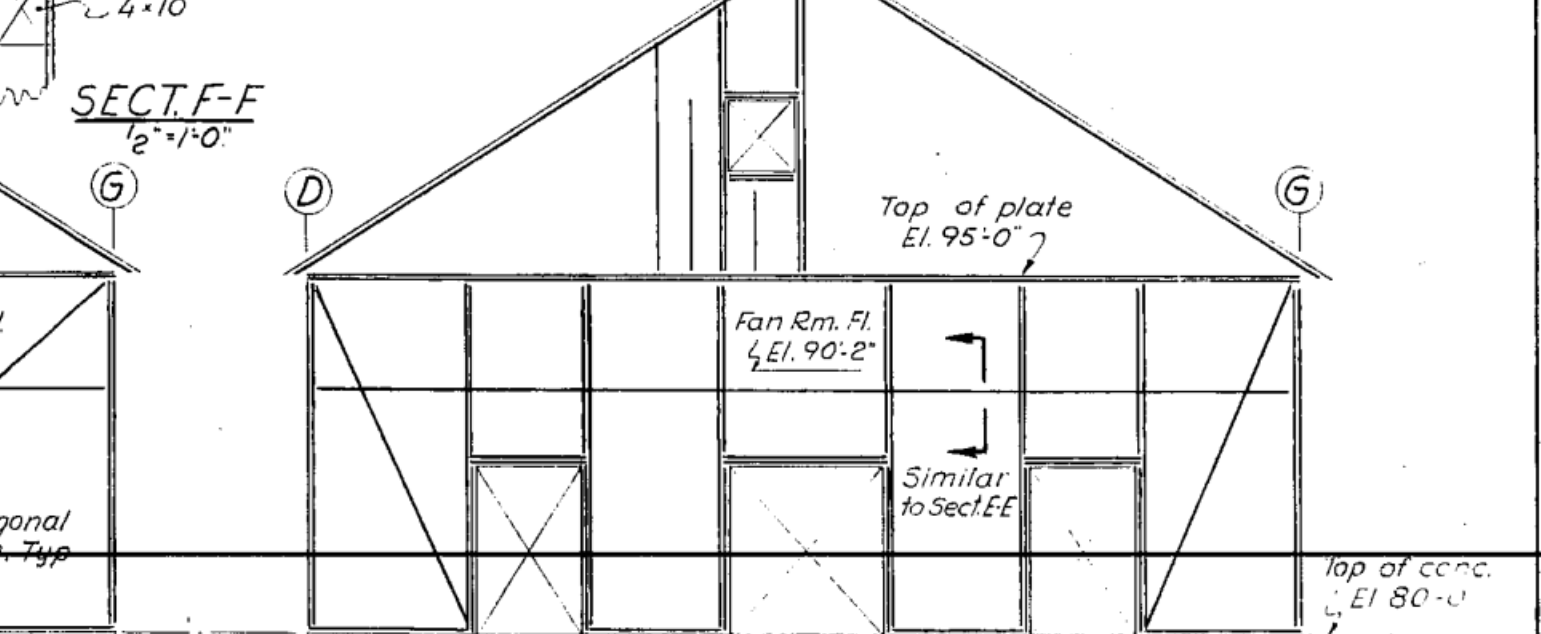
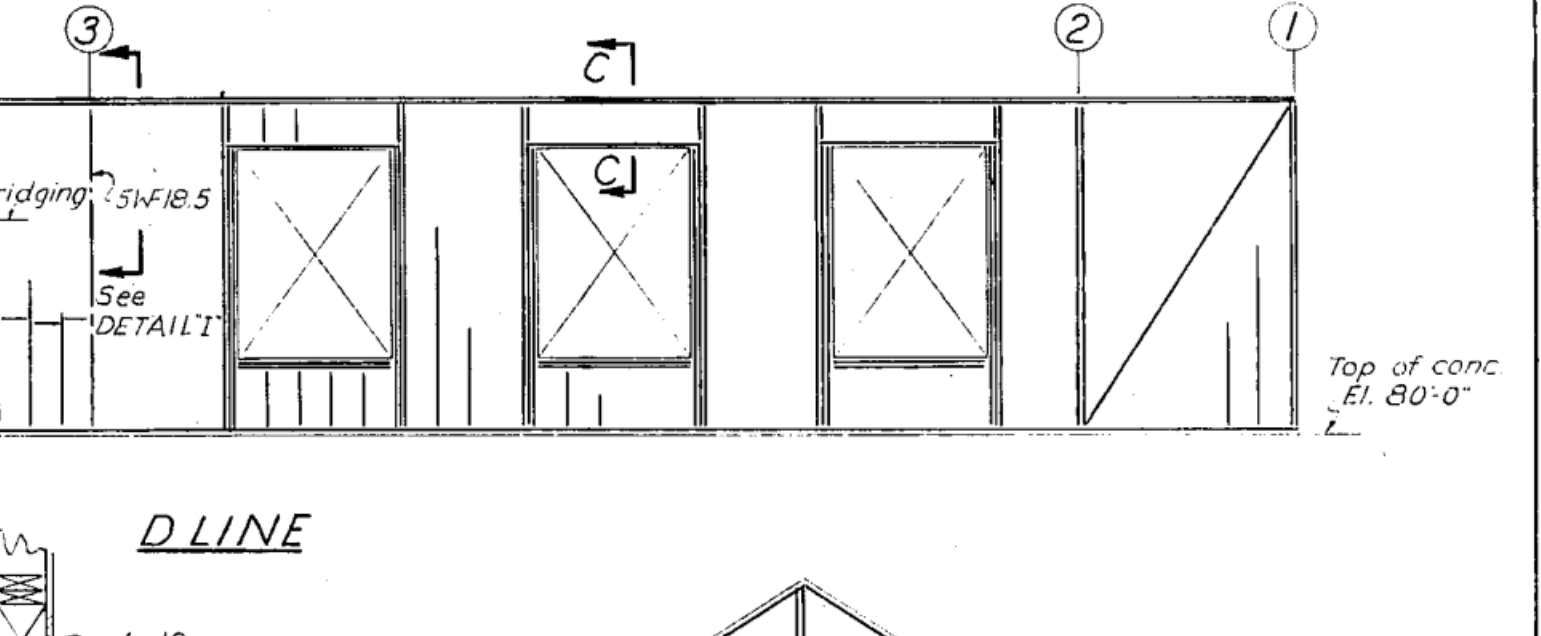
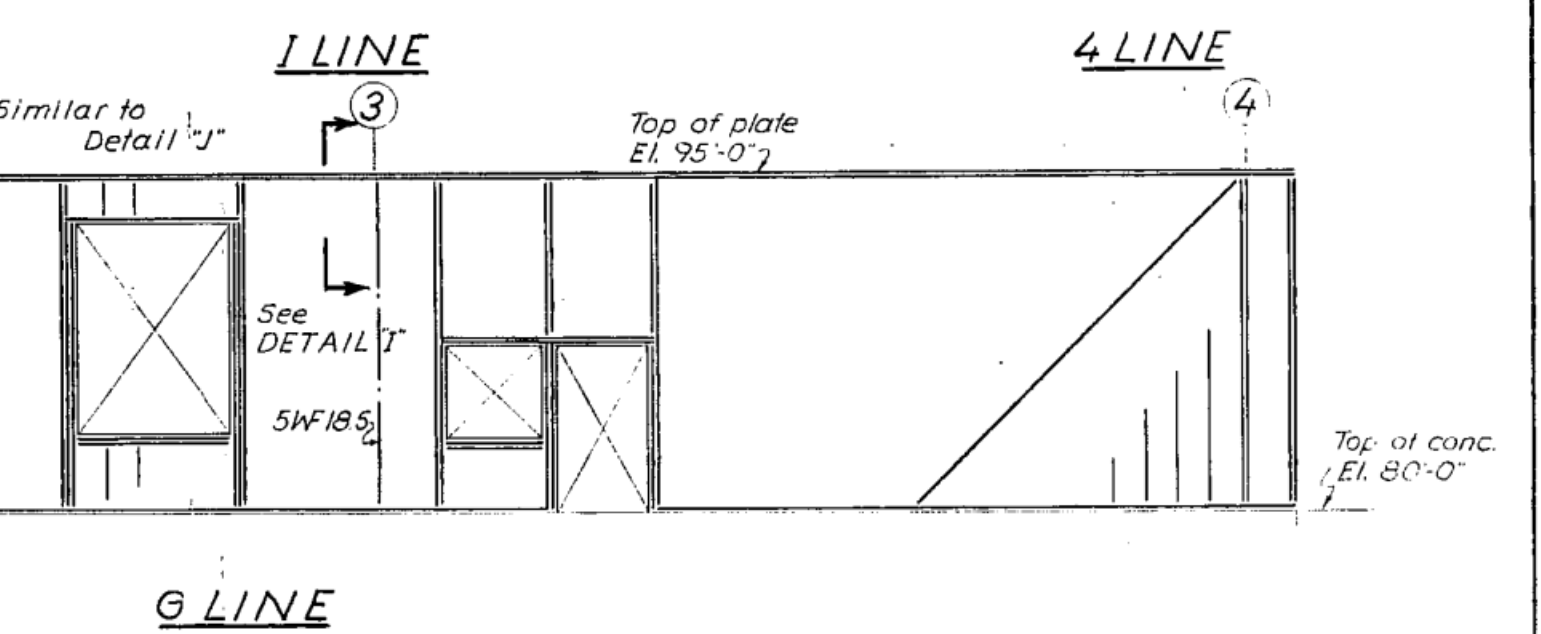
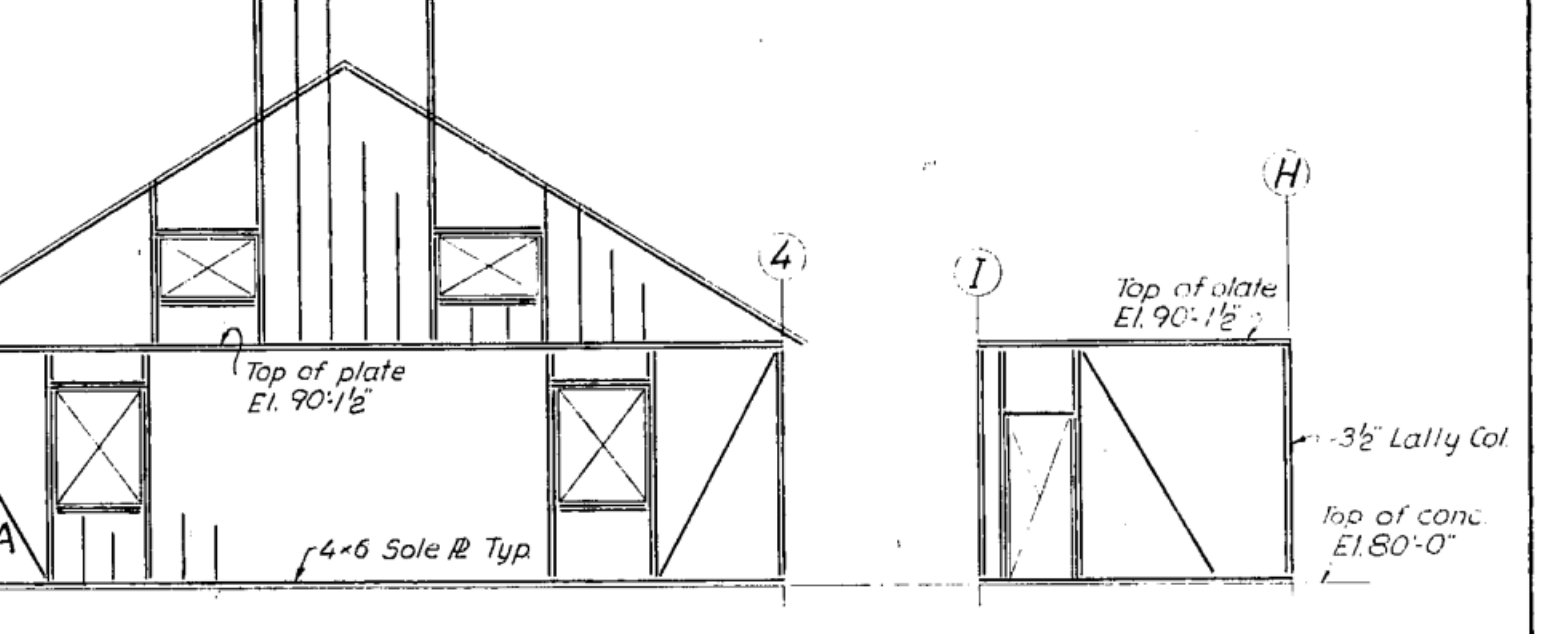
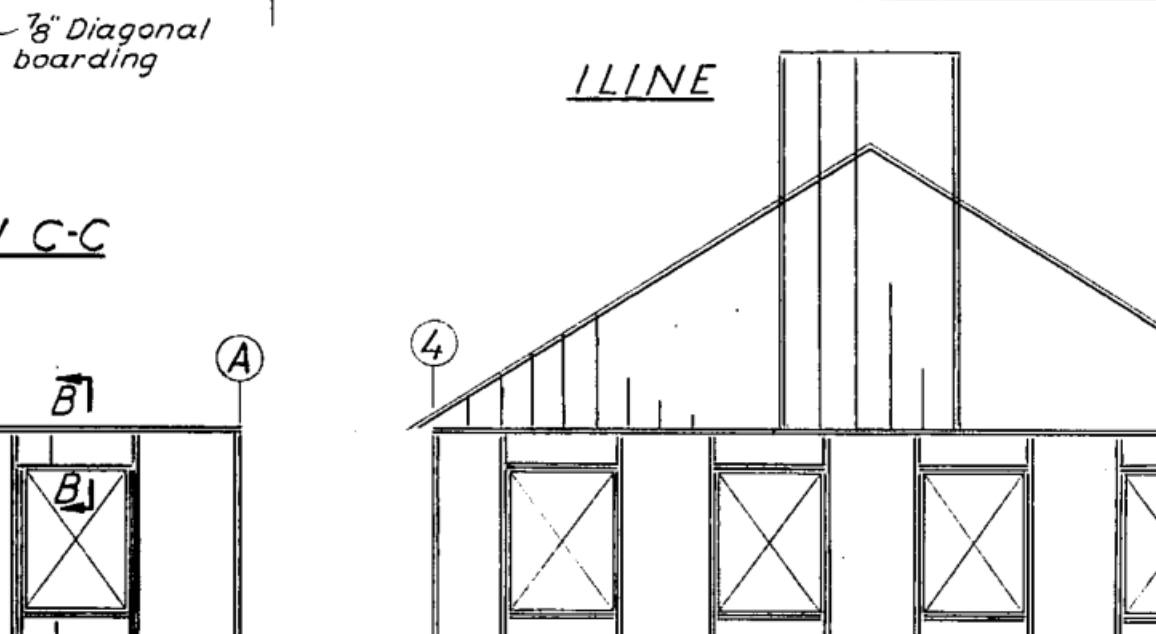
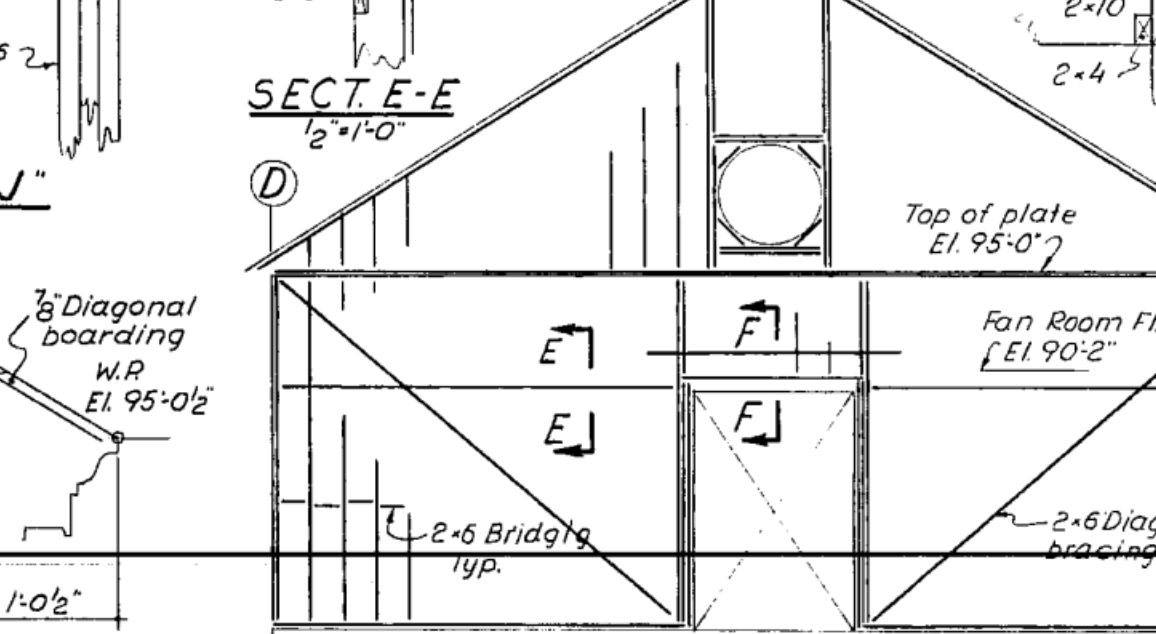
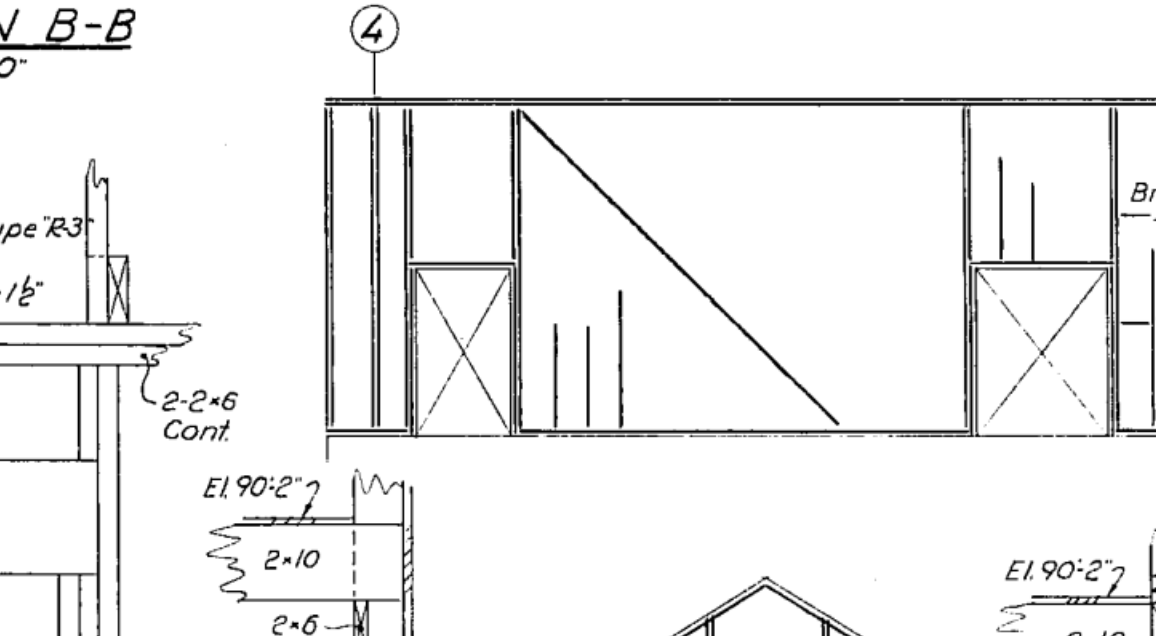
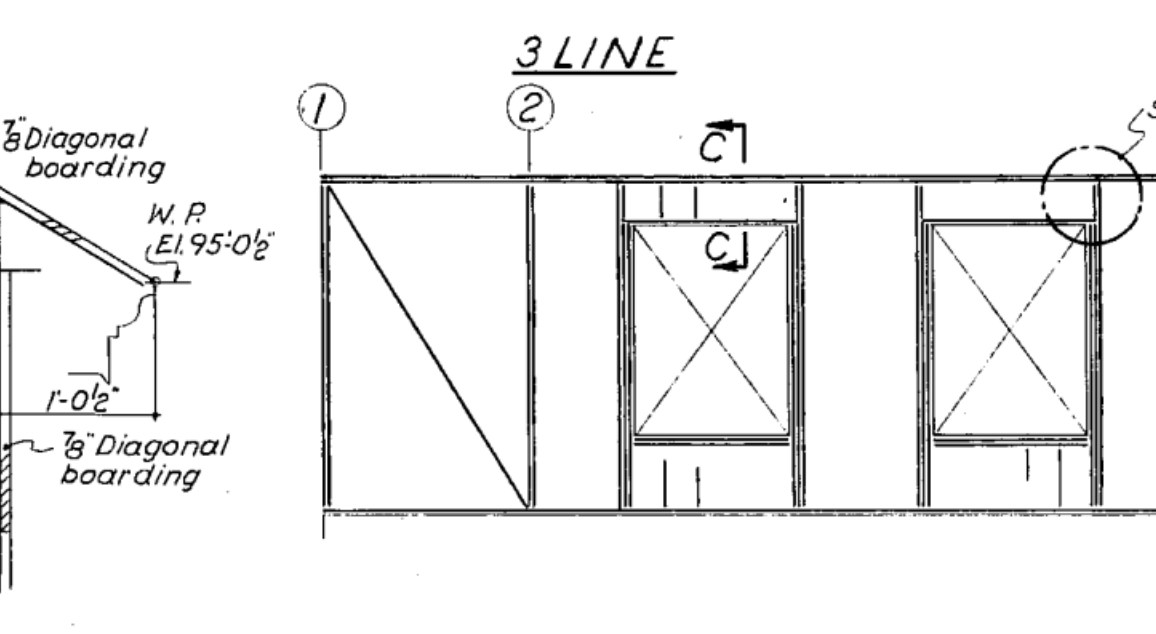
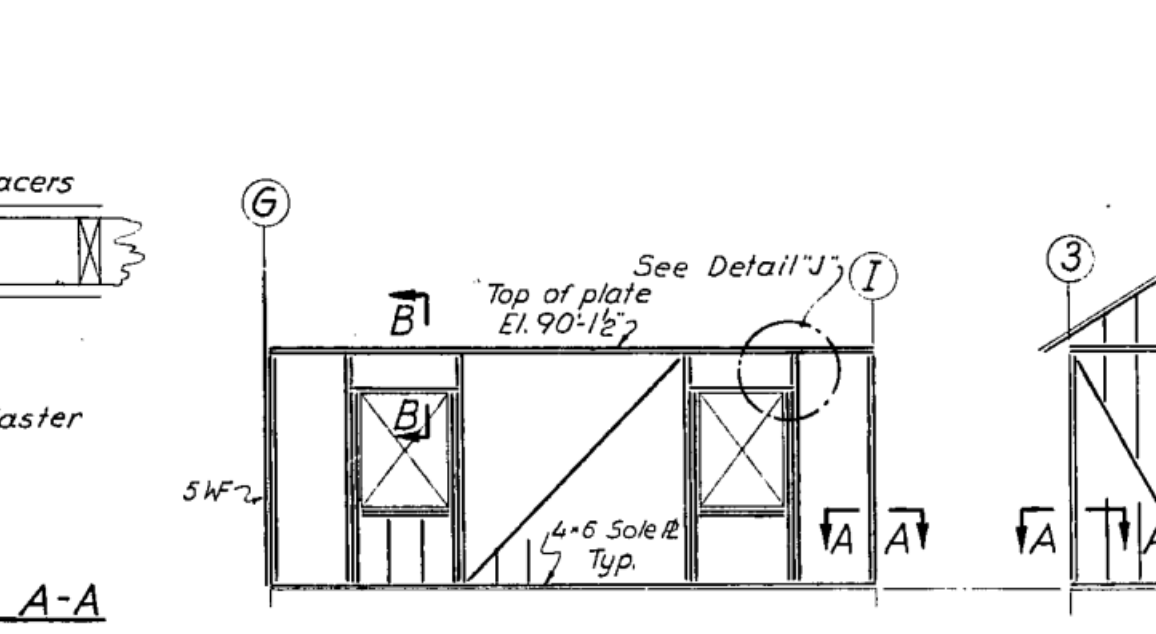
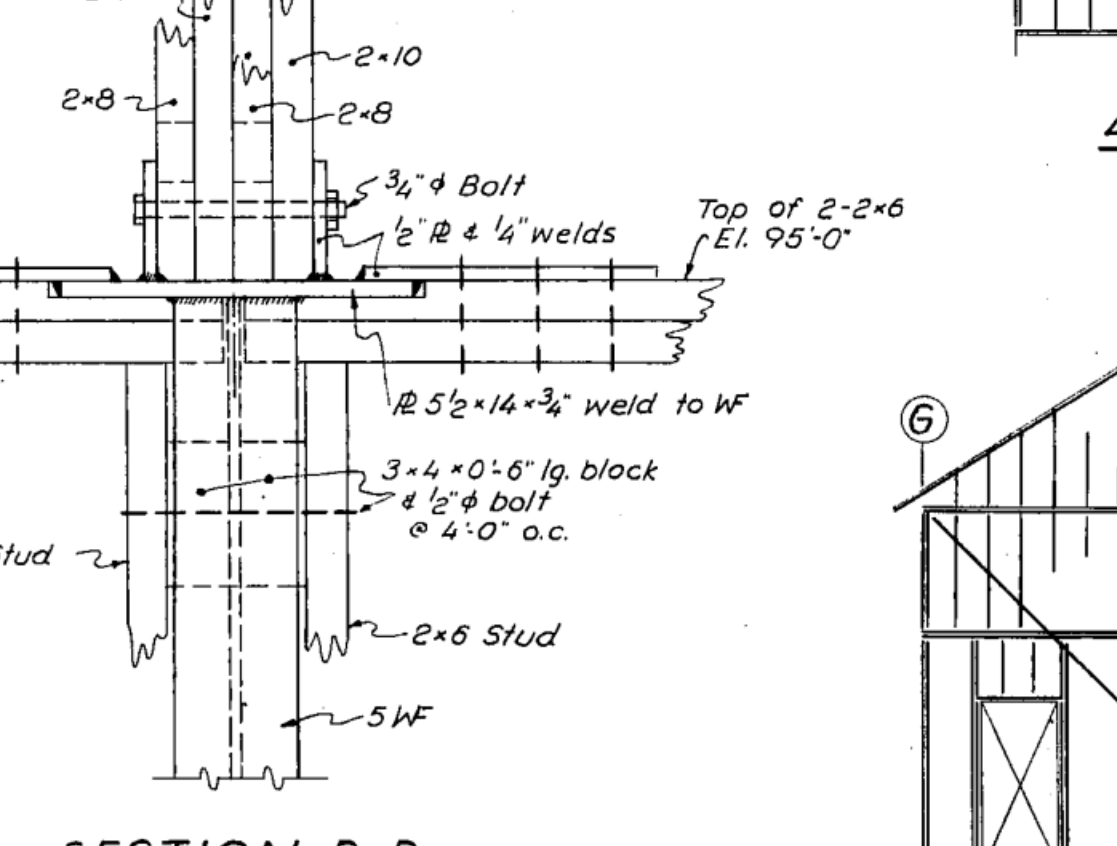
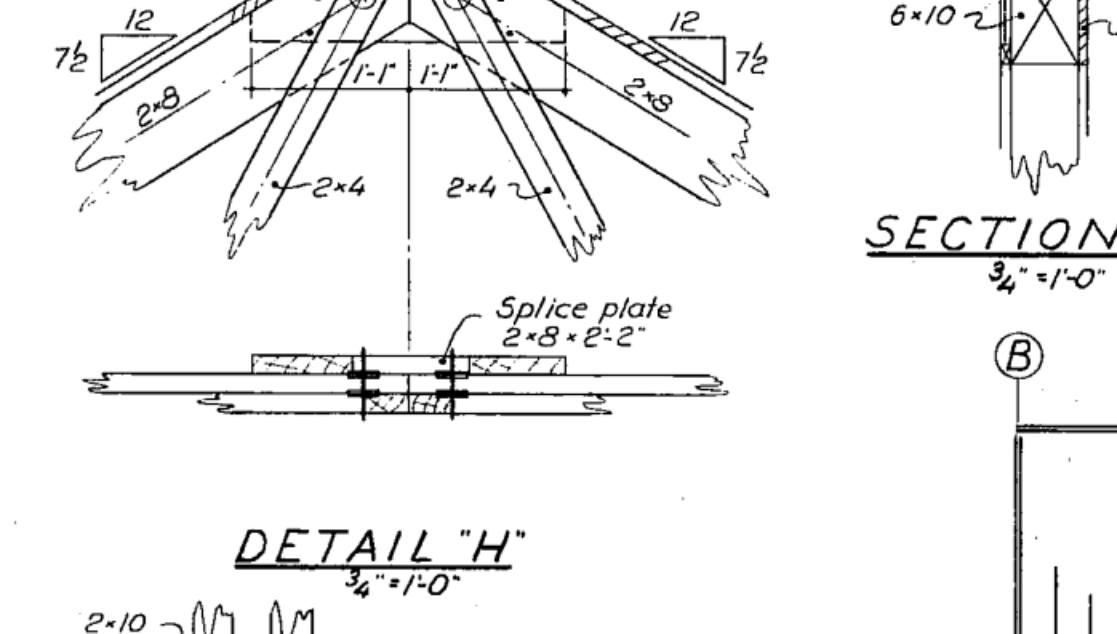
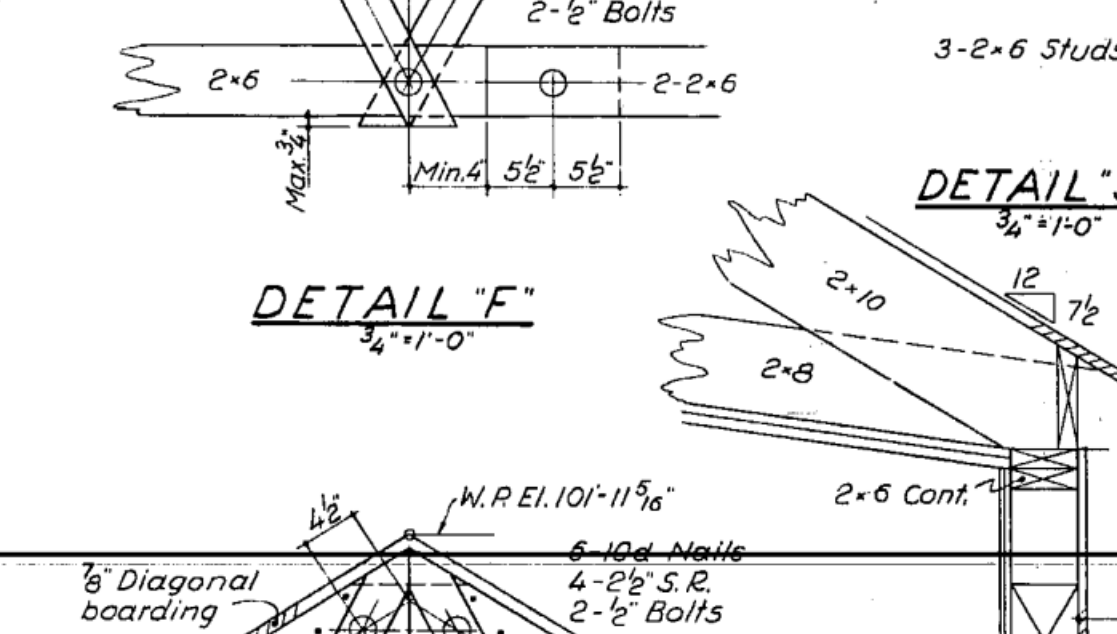
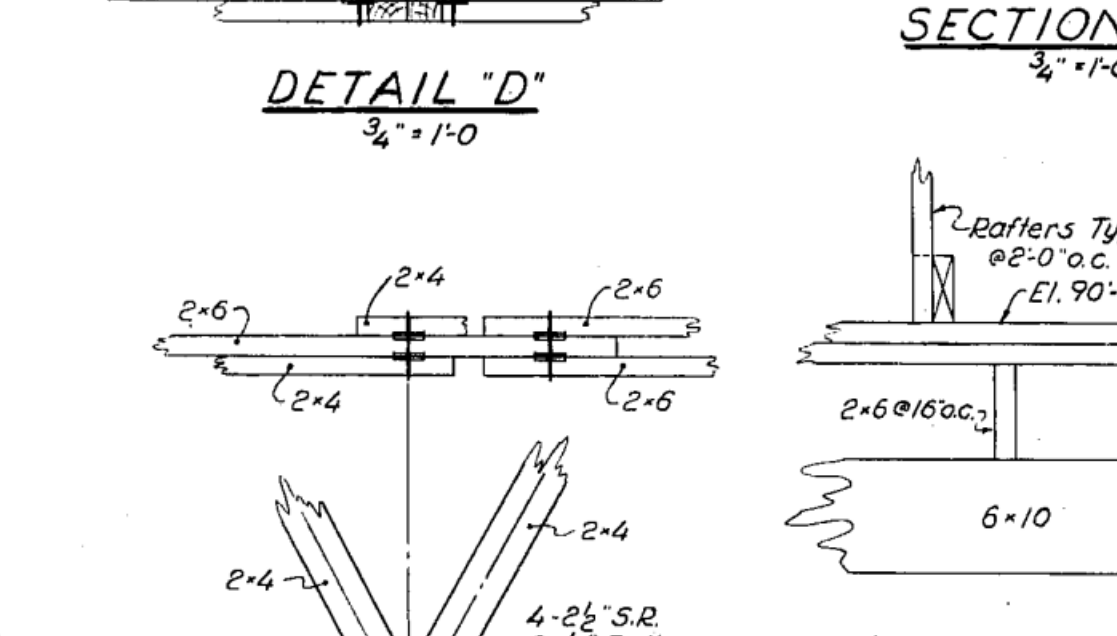
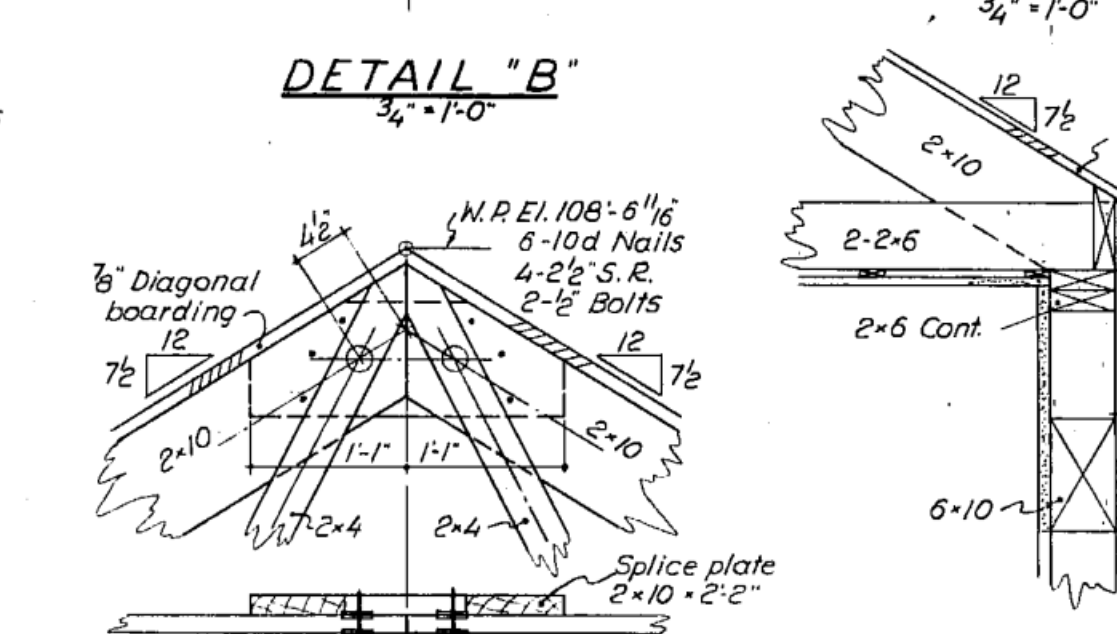
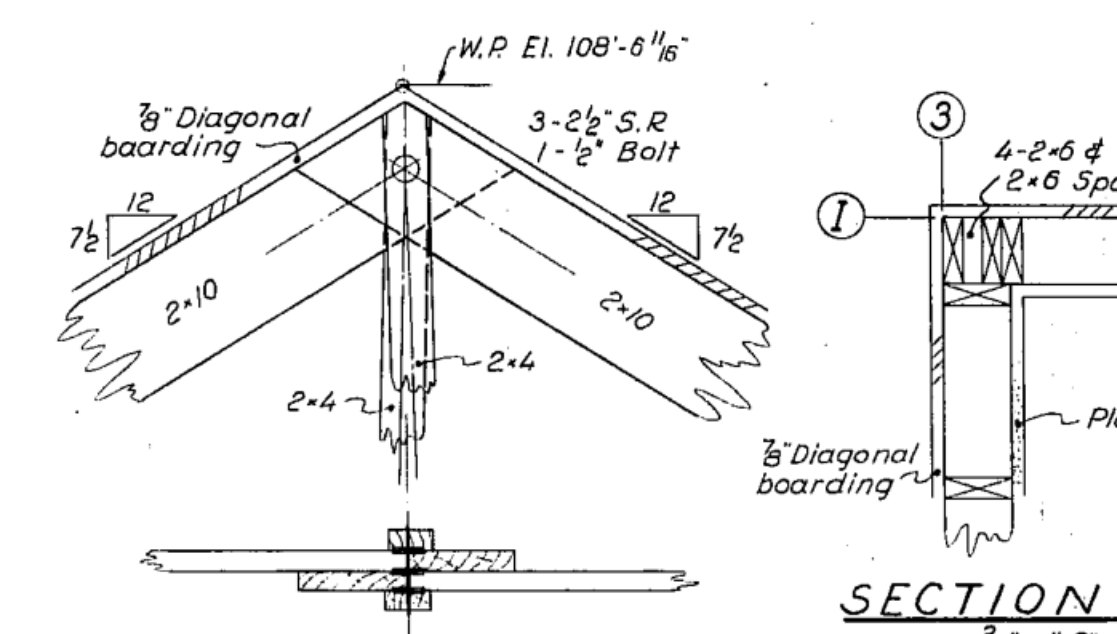
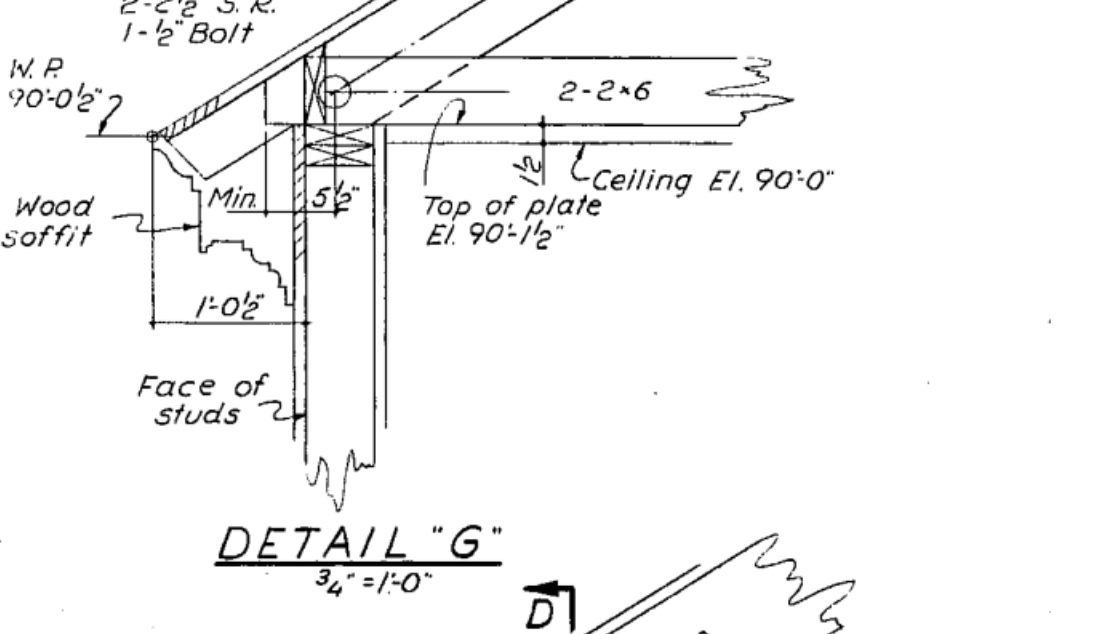
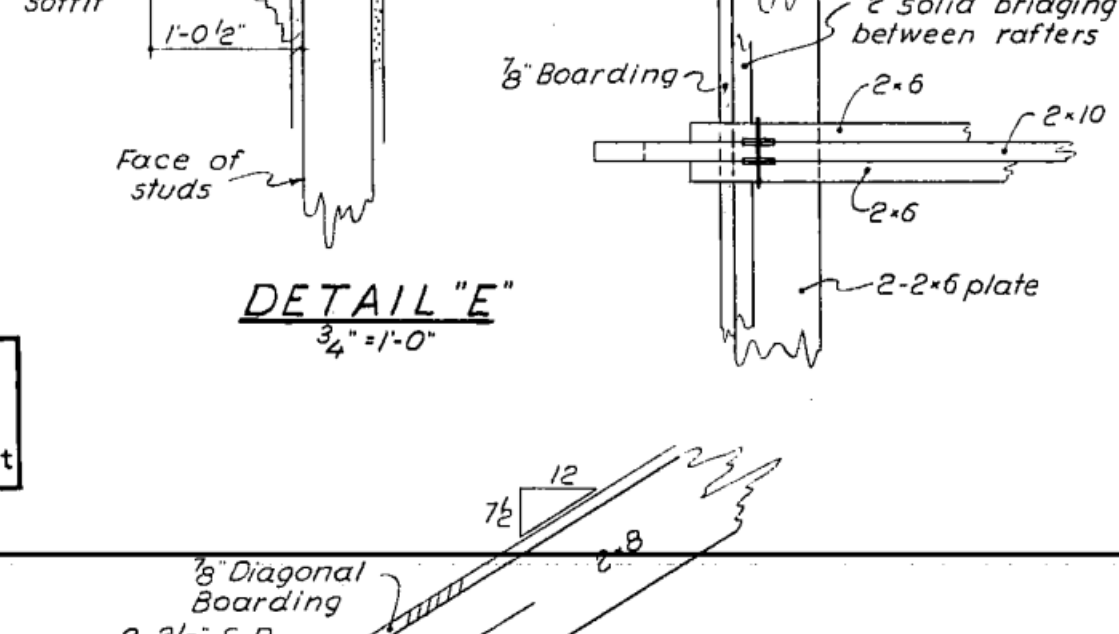
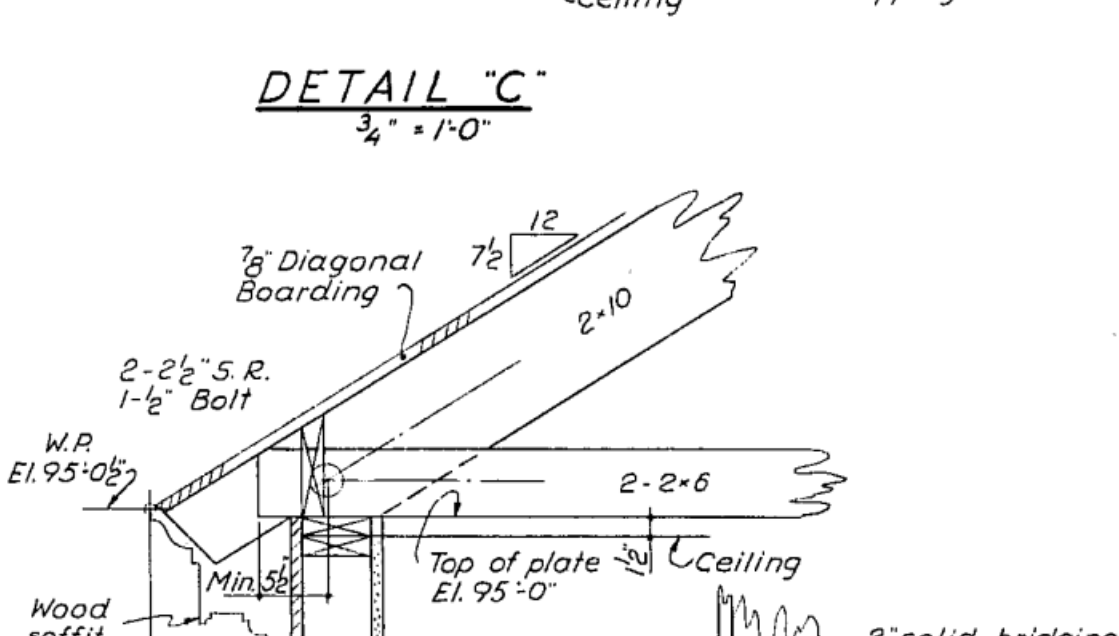
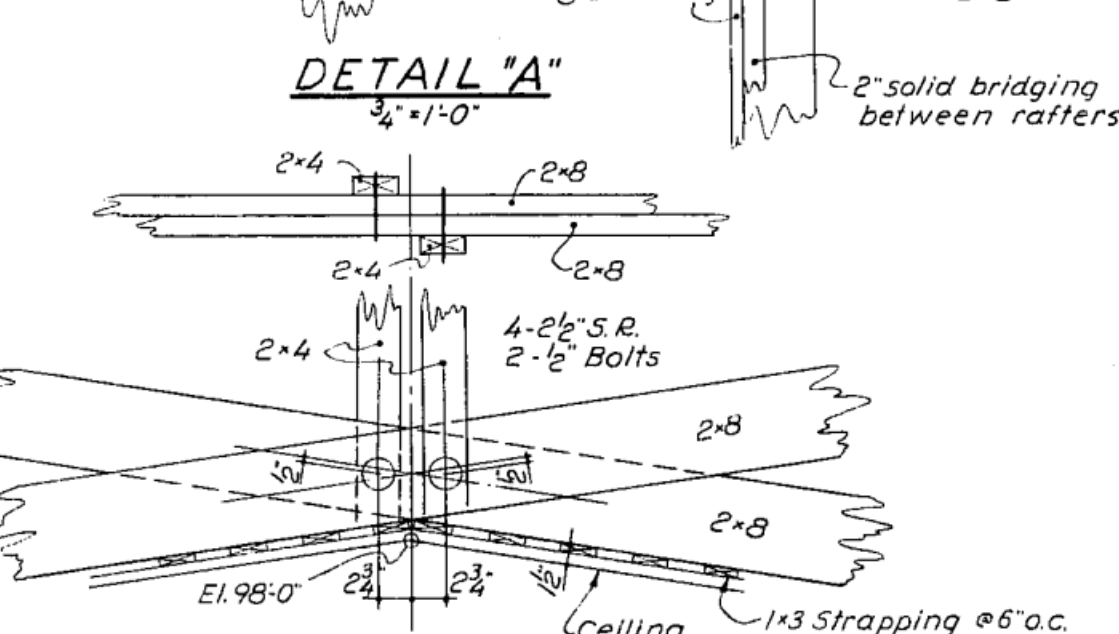
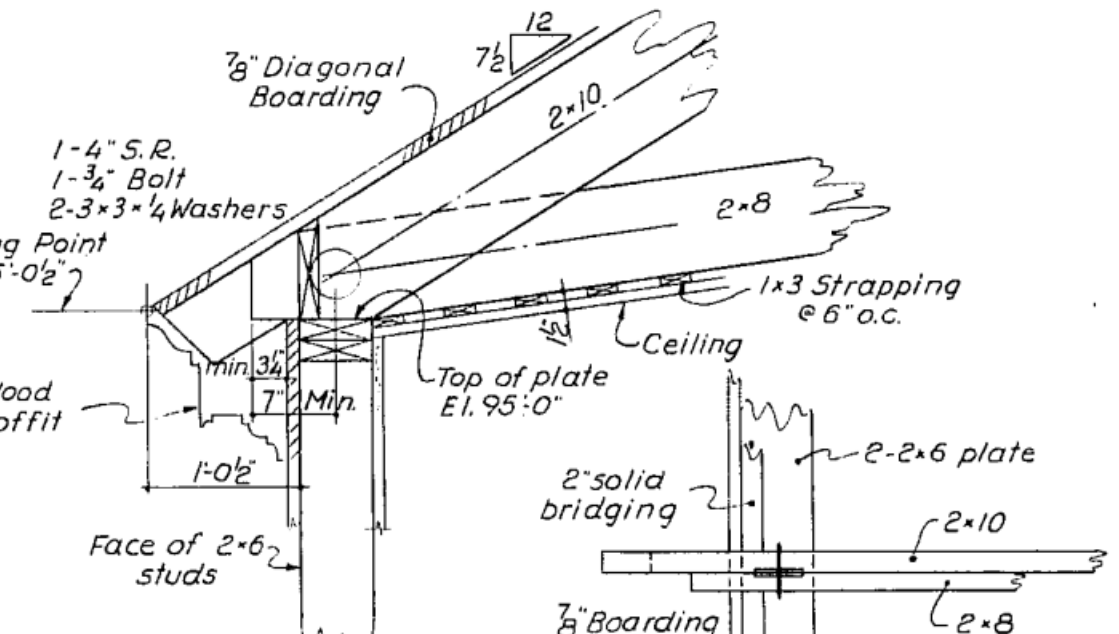
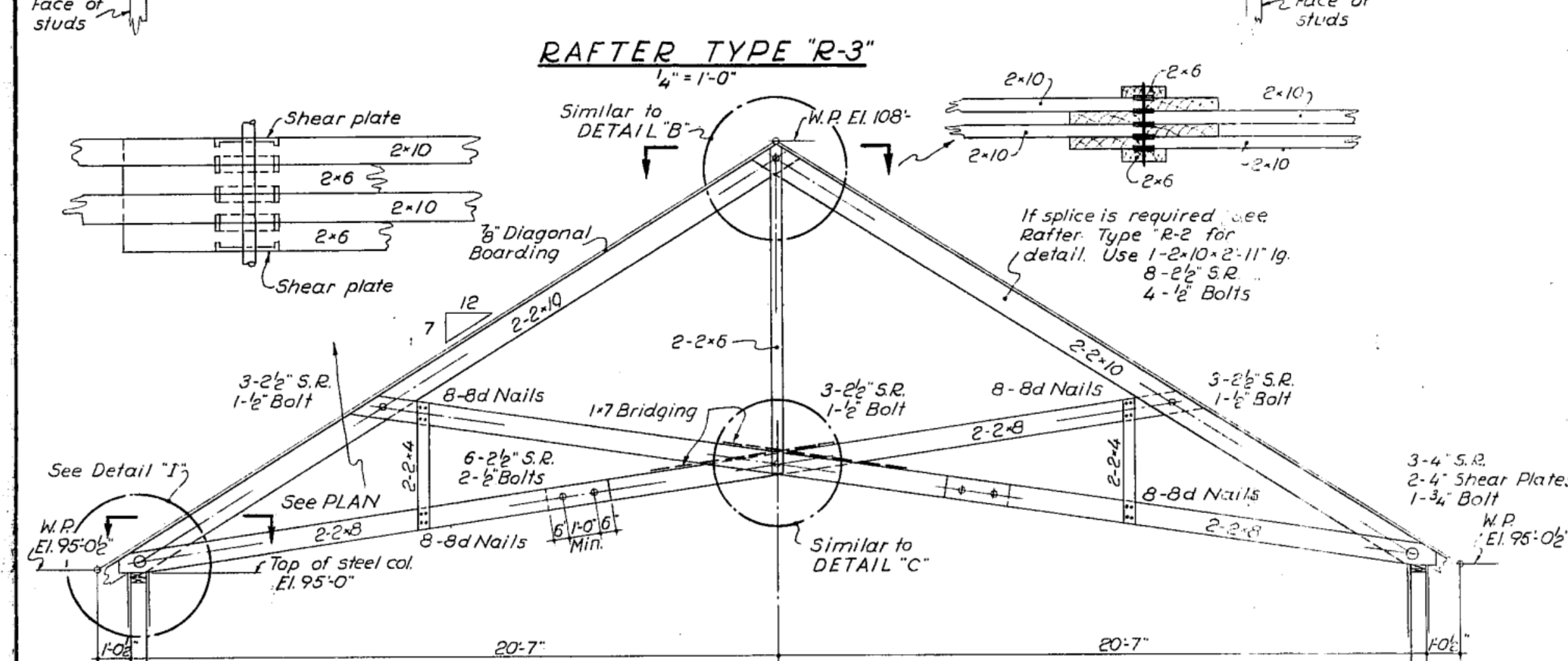
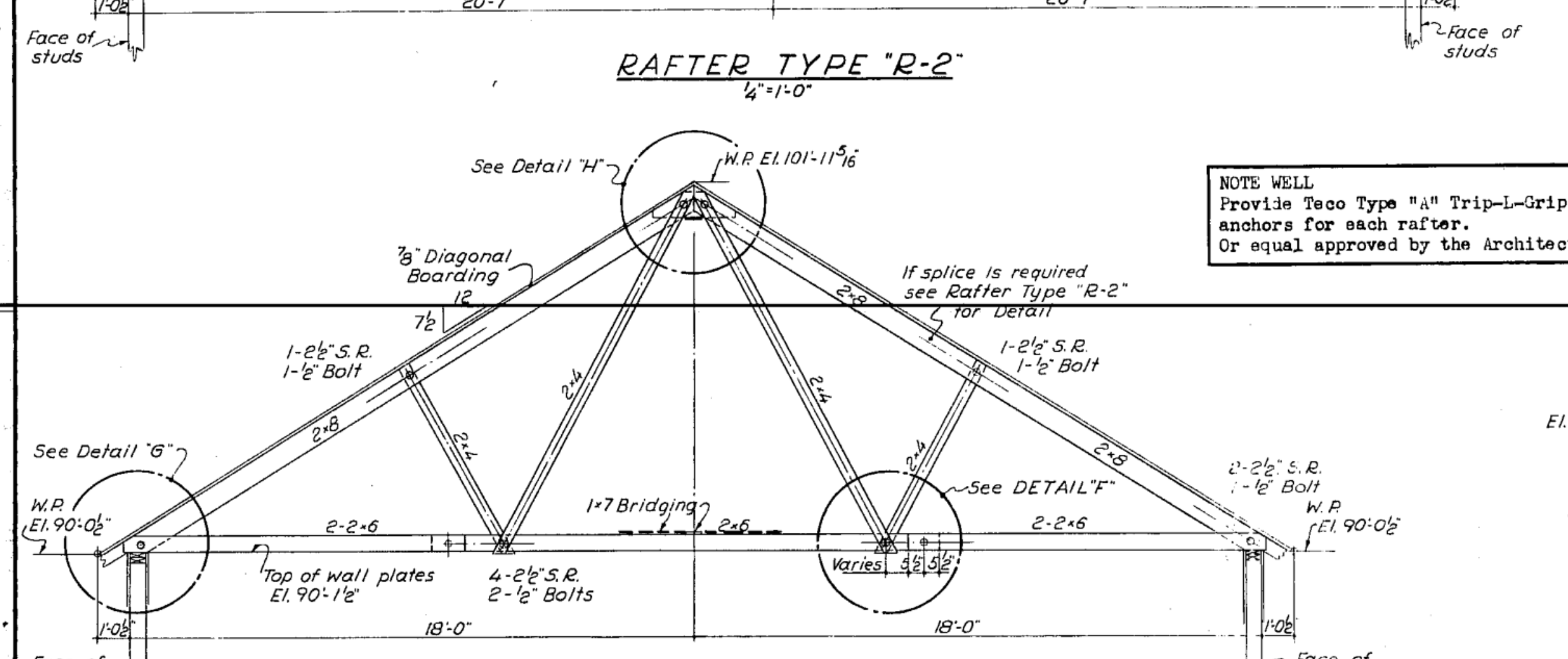
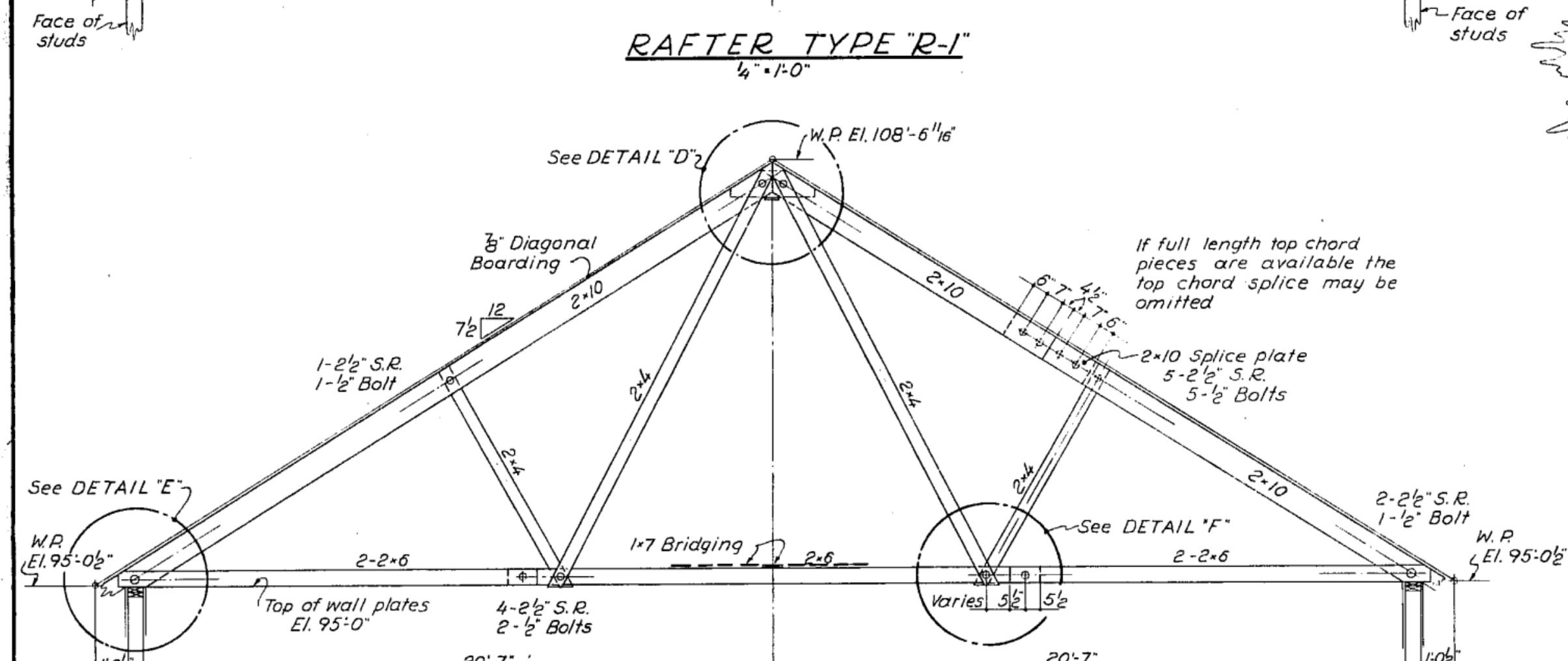
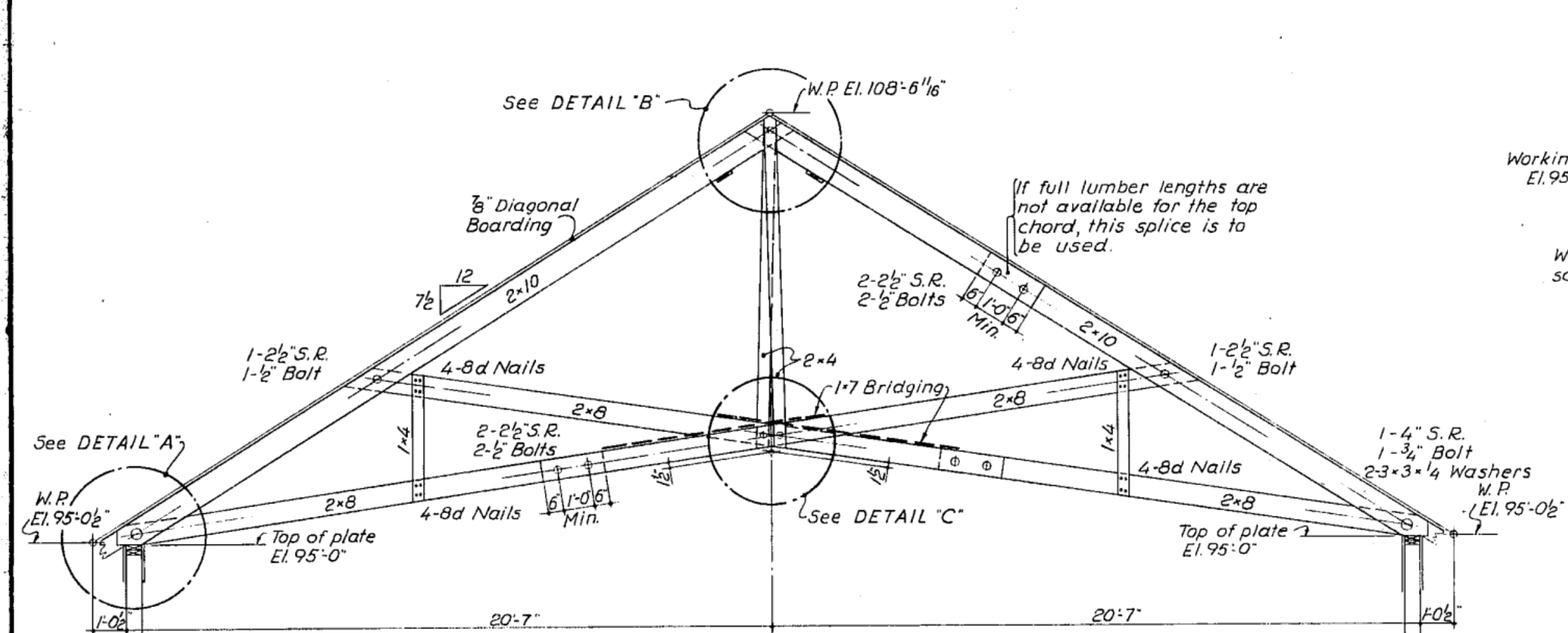
SECTION F-F
3/4 x 1'-0"

Typical for all roof fans



NICHOLS, NORTON & ZALDASTANI
CONSULTING ENGINEERS
285 COLUMBUS AVE., BOSTON 16, MASS.

KILHAM, HOPKINS, GREELEY & BRODIE ARCHITECTS			
BOSTON, MASS.		BOSTON, MASS.	
REVISIONS	Title of Building	HALIFAX ELEMENTARY SCHOOL	SHEET NO.
	HALIFAX	MASS.	12
DATE NOV 25 1958	Title of drawing	ROOF FRAMING	FILE NO. 2451
DRAWN BY H.U.	TRACED BY		SCALE 1/8" = 1'-0"



NOTE WELL
Provide Teco Type "A" Trip-L-Grip
anchors for each rafter.
Or equal approved by the Architect

- NOTES:
1. For General Notes see Dwg. S-1
2. For Roof Framing Plan see Dwg. S-3.

KEY PLAN
1" = 50'-0"

KILHAM, HOPKINS, GREELEY & BRODIE
ARCHITECTS
BOSTON, MASS.

ARLINGTON STREET

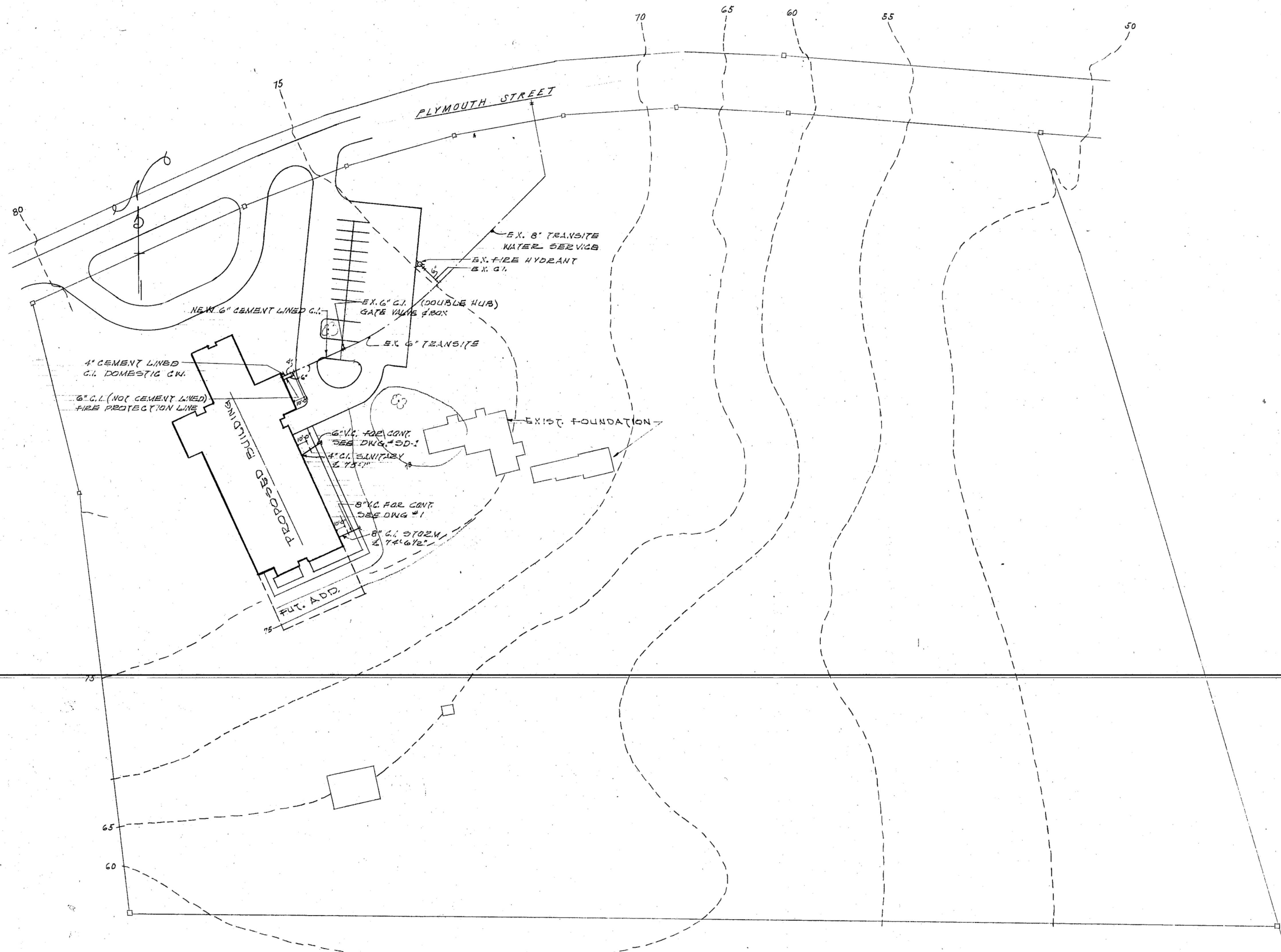
REVISIONS

Title of building
HALIFAX ELEMENTARY SCHOOL
HALIFAX

DATE NOV. 25, 1958
DRAWN BY H.U.
TRACED BY

File NO. 2451
SCALE 1/8" = 1'-0"

SHEET NO. 13

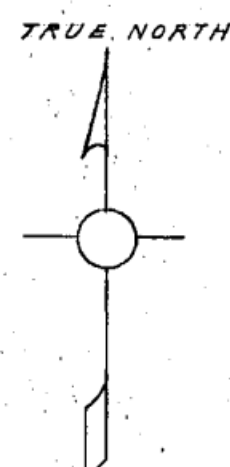


UTILITY PLAN

SCALE - 1" = 50'-0"

LEGEND

SYMBOL	ABBREV.	DESCRIPTION
---	S, & W	SOIL & WASTE PIPING (BURIED)
---	COND.	CONDUCTOR PIPING (BURIED)
---	V	VENT PIPING (BURIED)
---	S, & W	SOIL & WASTE (ABOVE GRADE)
---	V	VENT PIPING (ABOVE GRADE)
---	CW	COLD WATER PIPING
---	H.W.	HOT WATER PIPING
---	H.W.C.	HOT WATER CIRCULATION
---	G	GAS PIPING
---	G.V.	GATE VALVE
---	L.S.V.	LOCK SHIELD VALVE
---		GAS COCK
---	AC	AIR CHAMBER
---	AP	ACCESS PANEL
---	WET	WASTE & TRAP
---	W	WASTE
---	C.O.	CLEANOUT
---	F.C.O.	FLOOR CLEANOUT
---	R.D.	ROOF DRAIN
---	F.D.	FLOOR DRAIN
---	WH	WALL HYDRANT
---	NPC	NOT PART OF CONTRACT
---	H.B.	HOSE BIBB
---	E.T.	RUNNING TRAP



McCARRON & SULLIVAN, ASSOC.
CONSULTING ENGINEERS



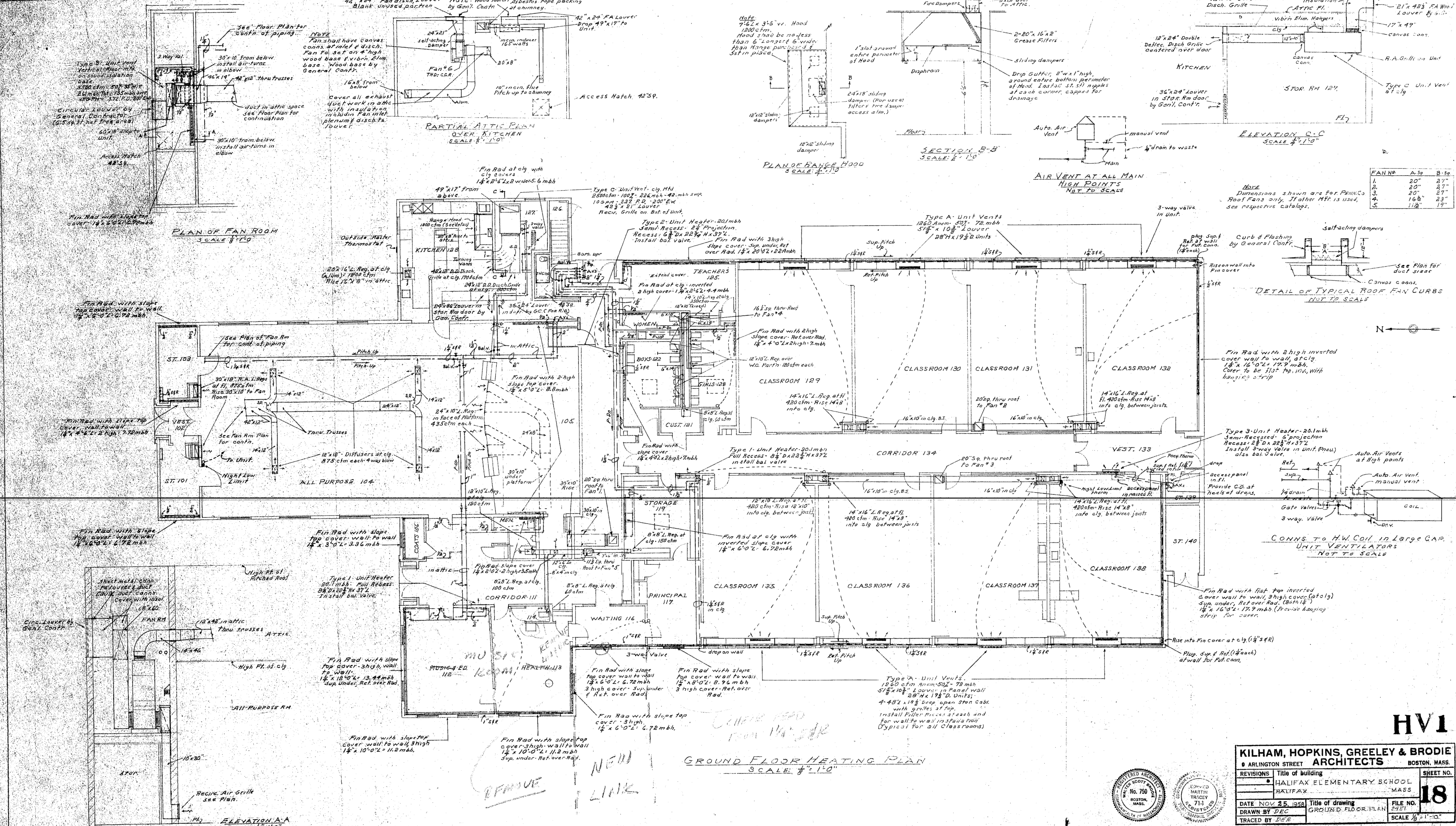
ROBERT W. SULLIVAN, INC.
SANITARY ENGINEERS

KILHAM, HOPKINS, GREELEY & BRODIE
9 ARLINGTON STREET ARCHITECTS BOSTON, MASS.

REVISIONS	Title of building	SHEET NO.
1	HALIFAX ELEMENTARY SCHOOL HALIFAX MASS	14

DATE NOV. 25, 1958 Title of drawing
DRAWN BY A.J.B. UTILITY PLAN
SCALE 1" = 50'-0"

P1



KILHAM, HOPKINS, GREELEY & BRODIE

• ARLINGTON STREET ARCHITECTS BOSTON, MASS.

REVISIONS

Title of building

HALIFAX ELEMENTARY SCHOOL

HALIFAX MASS

DATE NOV. 25, 1958

Title of drawing

GROUND FLOOR PLAN

FILE NO. 71-1

TRACED BY DEC

Scale 1/8" = 1'-0"

REGISTERED ARCHITECT

NO. 750

MARTIN TRACY

BOSTON MASS.

REGISTERED ARCHITECT

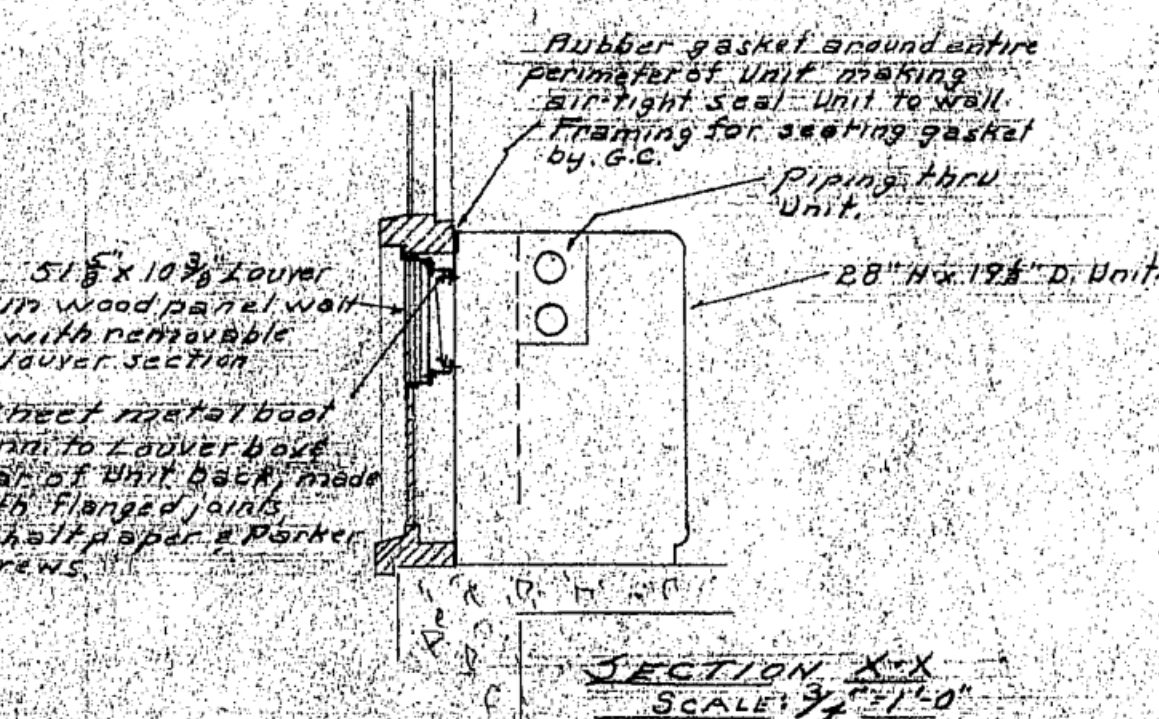
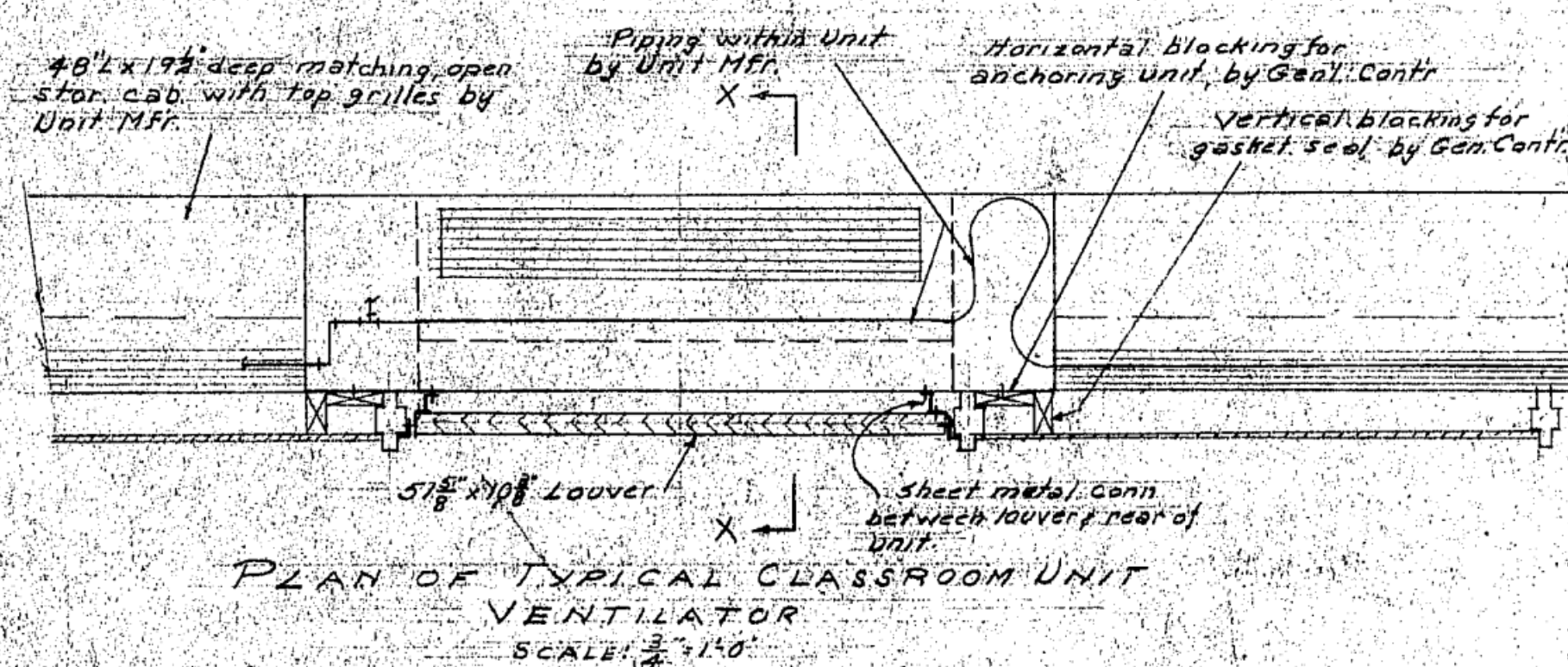
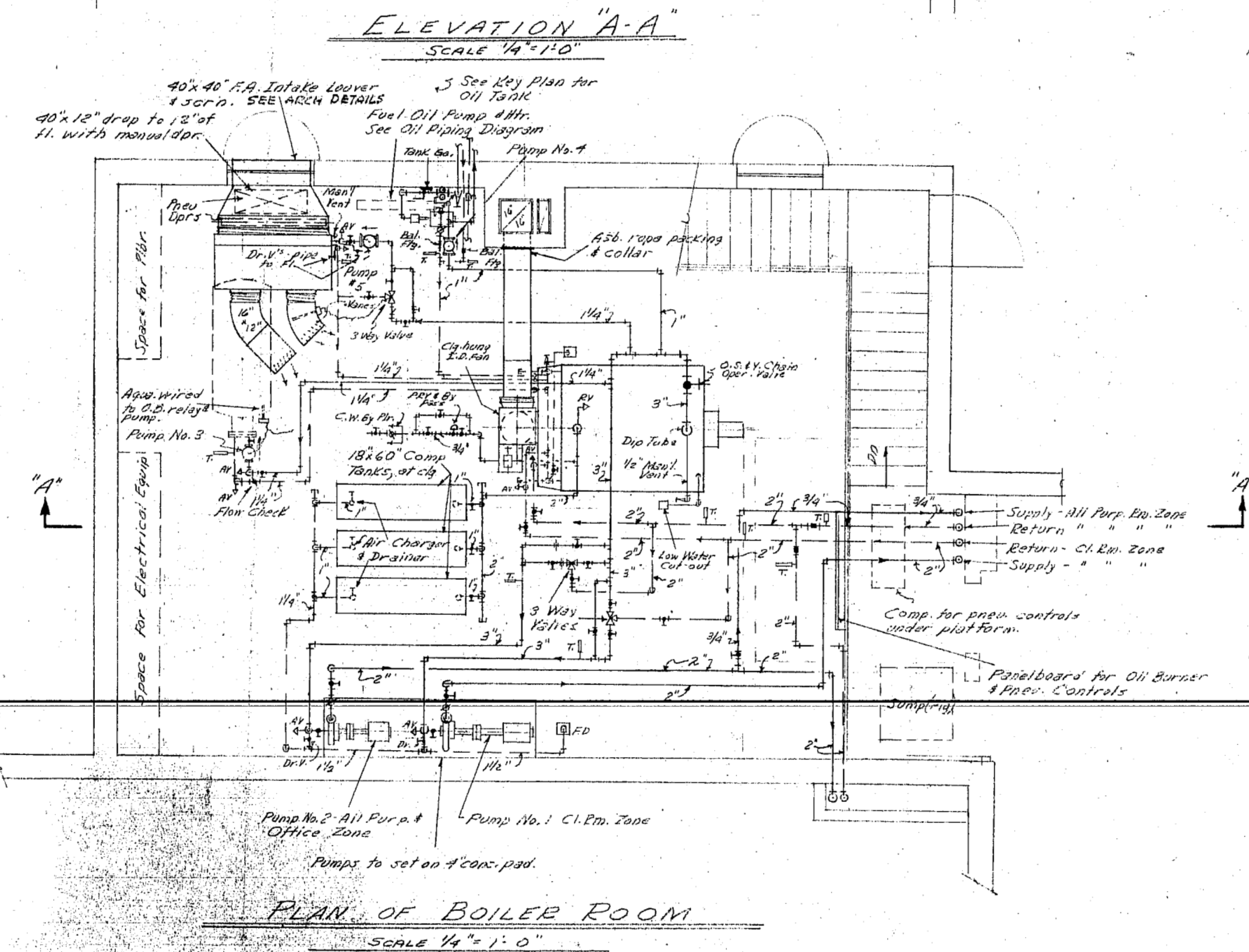
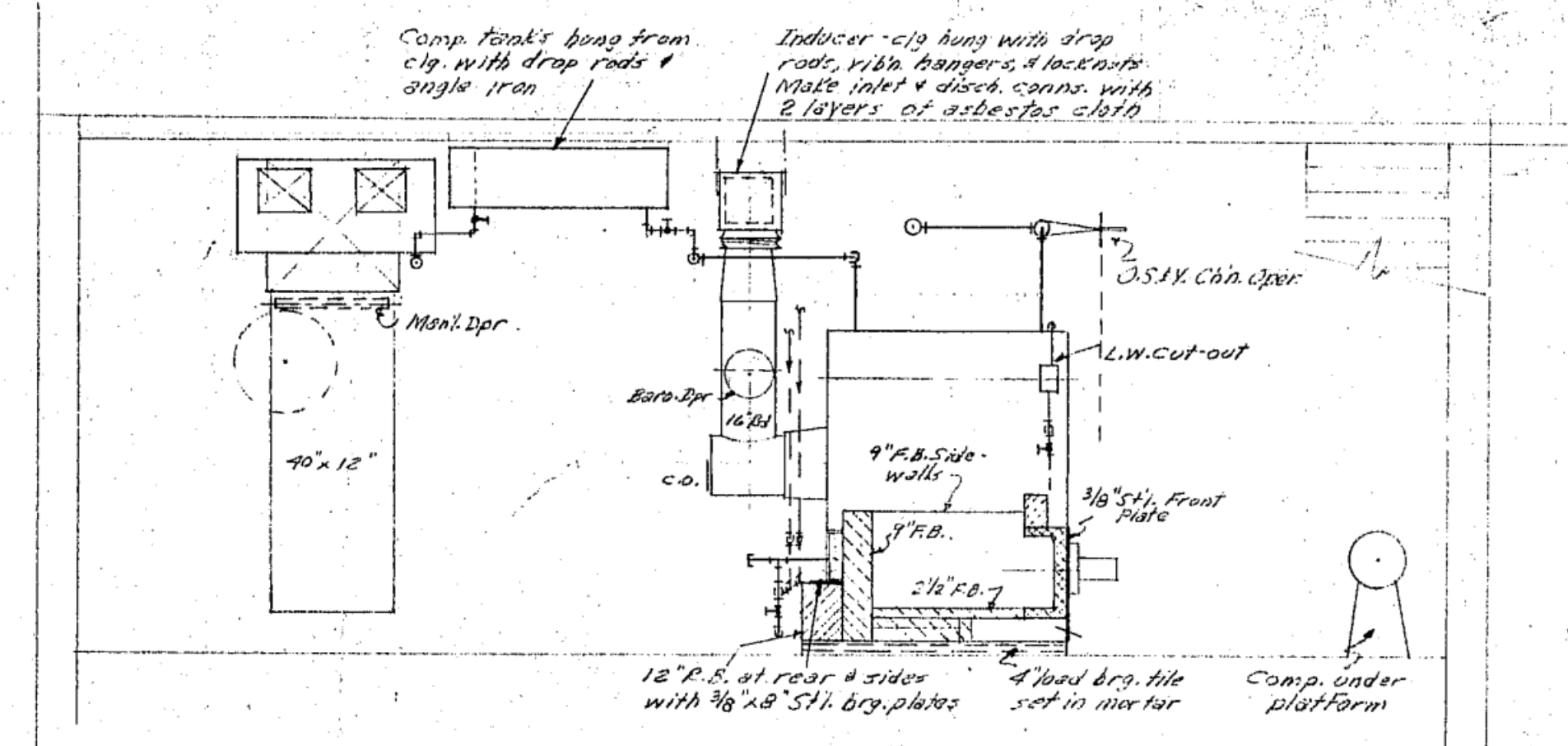
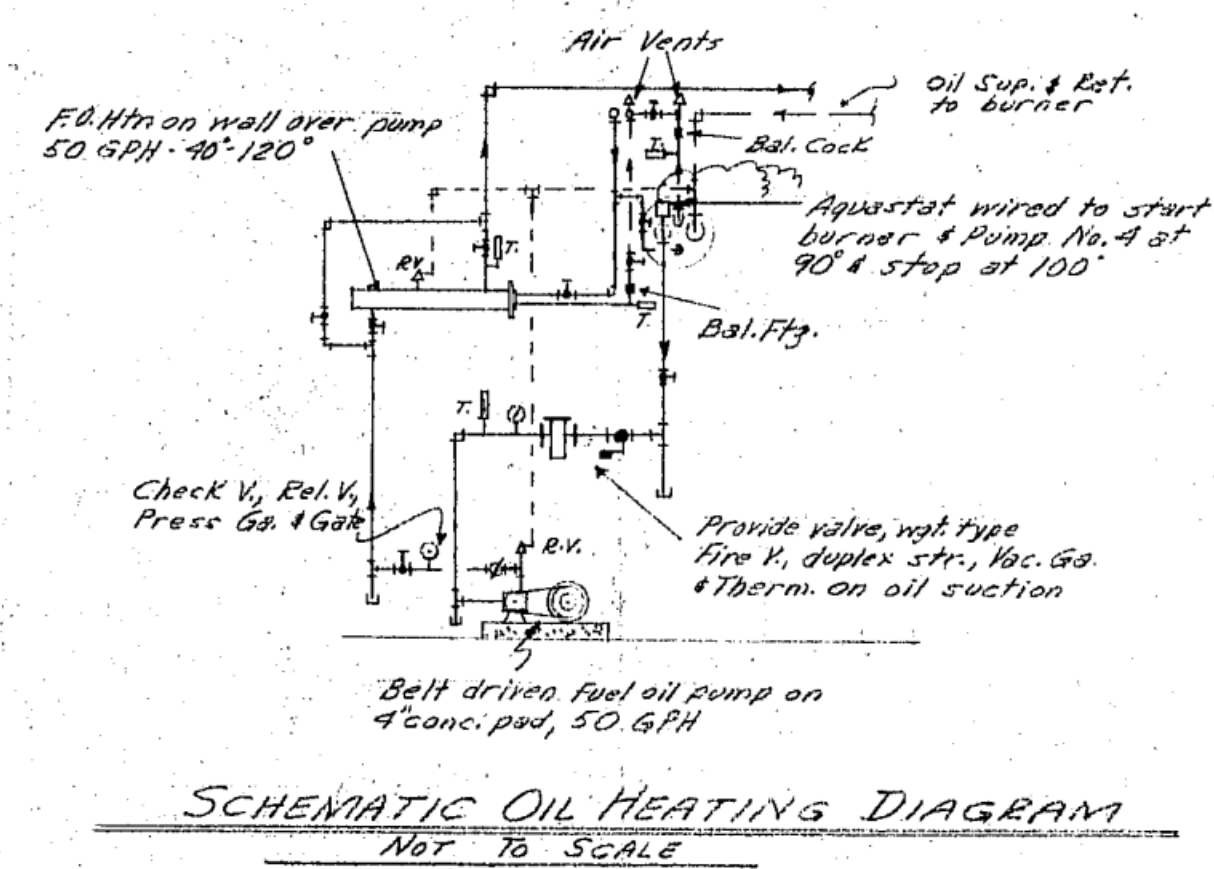
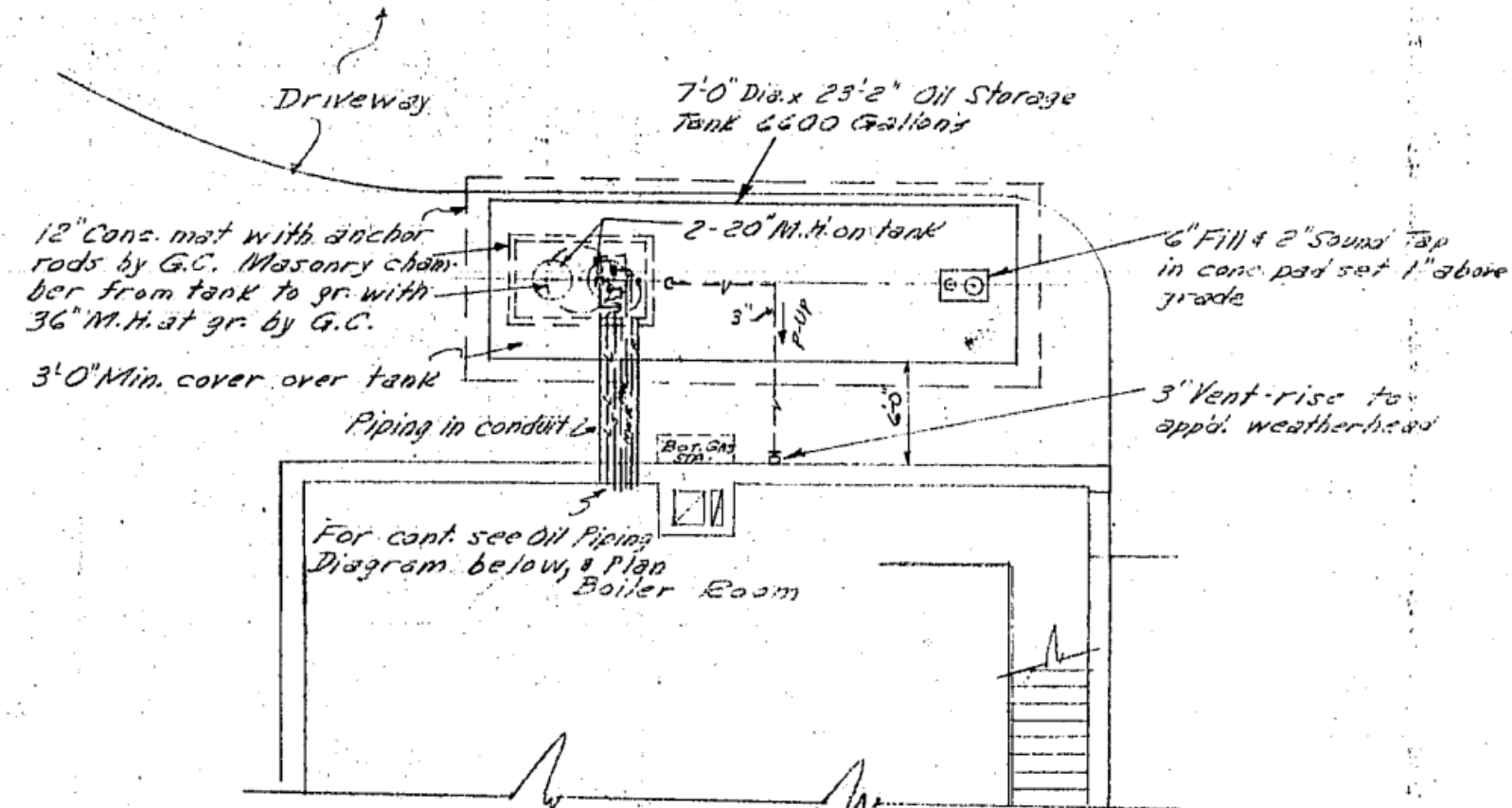
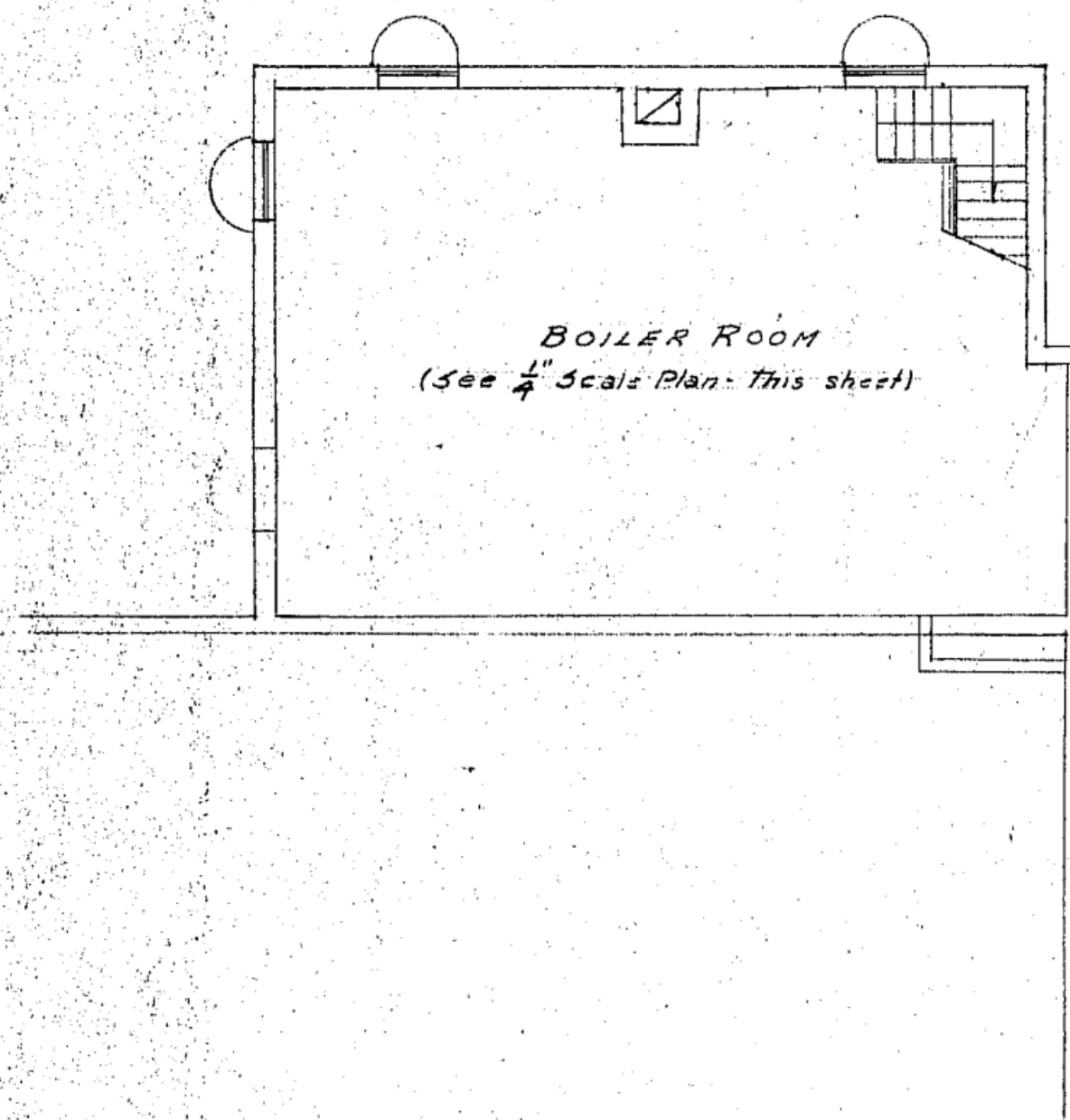
NO. 71-1

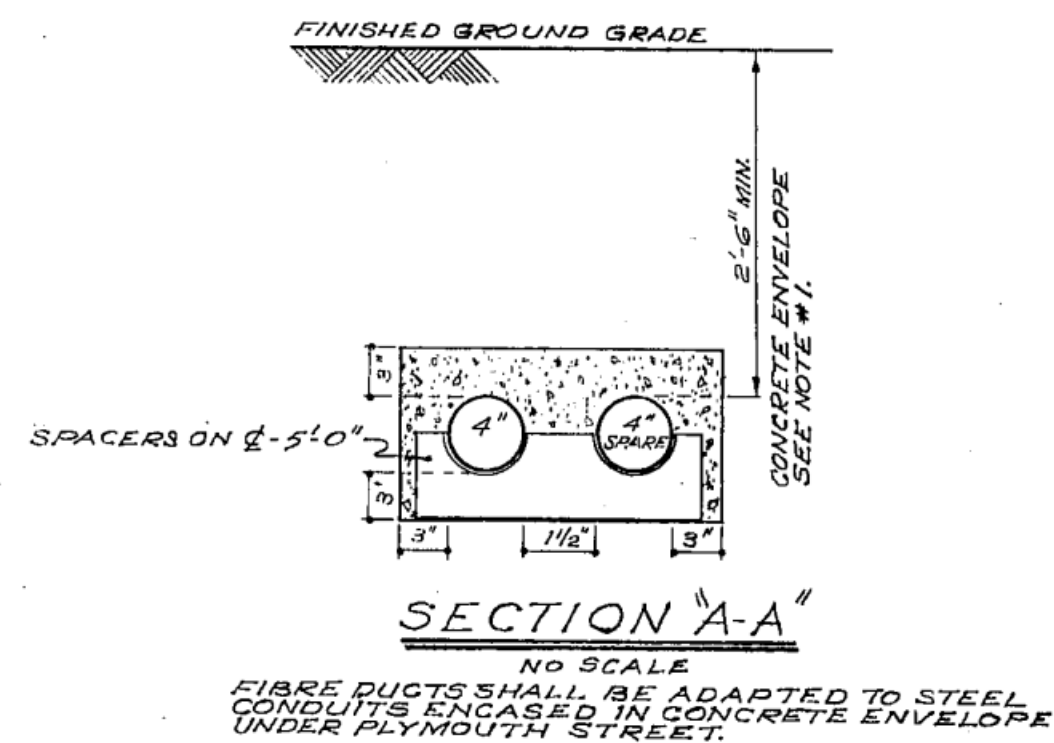
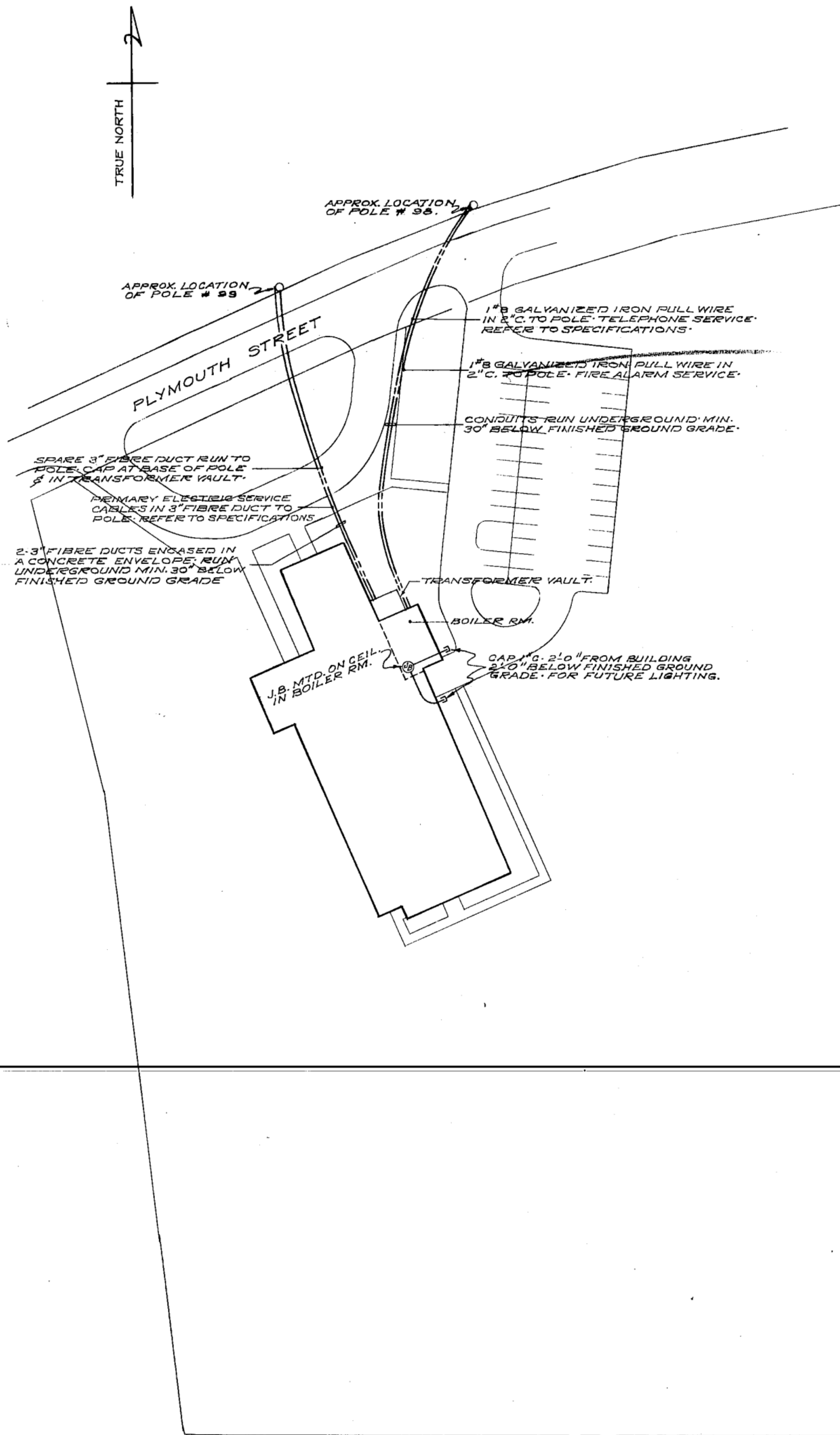
TRACY

BOSTON MASS.

SHEET NO.

18





FIXTURE SCHEDULE						
THIS CONTRACTOR SHALL FURNISH & INSTALL ALL FIXTURES COMPLETE WITH ACCESSORIES TO MEET JOB CONDITIONS						
LETTER	MANUFACTURER	CAT. NO.	REMARKS	WATTS	LAMP TYPE	MOUNTING
CB	PASS & SEYMOUR	110		60	I.F.	CEIL. MTD. EXCEPT AS DESIGNATED BY SYMBOL
C	METALLIC ARTS	5062		150	I.F.	CEIL. MTD.
C1	METALLIC ARTS	5061		150	I.F.	
C2	METALLIC ARTS	5061	W/ GASKET	150	I.F.	
C3	METALLIC ARTS	5063		75	I.F.	
C4	PERFECLITE	HH-15		75	I.F.	CEIL. MTD.
EC	METALLIC ARTS	101 S	W/ BACK UP PNL.	8	FLOUR	CEIL. MTD.
EC1	METALLIC ARTS	101 S	W/ DOUBLE DIRECTIONAL ARROW.	8	FLOUR	CEIL. MTD.
ER	METALLIC ARTS	970	W/ GUARD	2-55	I.F.	WALL MTD. RECESSED
FR	METALLIC ARTS	8500 & 85002	ARRANGED IN 6' SECTION.	1-40 1-60	DELUXE WARM WHITE	RECESSED
R	HOLOPHANE	F-1570		300	I.F.	RECESSED
R1	SHIVELIER	1856	W/ #1857 LOUVER	300	PAR. 5000	
R2	MC PHILBEN	4-5018		150	I.F.	
R3	MC PHILBEN	48-22		75	I.F.	
R4	HOLOPHANE	F-1560		150	I.F.	RECESSED
S	SILVRAY	15009/3R/5	W/ #15 LSS	300	S.B.	SUPP. 3" FROM BOTTOM OF FINISHED FLR.
S1	BENJAMIN	764C	W/ #691C	150	I.F.	SUSP. AS DIRECTED
WB	REVERE	3161-H		300	R40 FL.	MTD. ON 1/2" CONDUIT.
W	PRESCOLITE	WB-24	W/ WGS GUARD	100	I.F.	WALL MTD.
W1	PERFECLITE	C-4	LESS GUARD	40	I.F.	MTD. IN KITCHEN HOOD
W2	GROUSE-HINDS	VFC-23		40	I.F.	MTD. ON BOILER BEHIND GAGE
X	EXIDE	48259	LAMP ASSY. MTD. ON 4" OUTLET BOX	25	FLUO. 5000	WALL MTD. 6" UP 7' 6"
X1	EXIDE	48263	PROVIDE SHELF			SHELF MTD. UP 7' 0"
AW	SPECIAL DESIGN. EXTERIOR ENTRANCE FIXTURE.					WALL MTD.

- GENERAL NOTES:
- ALL EXCAVATING, BACKFILL & CONCRETE WORK BY THE GENERAL CONTRACTOR.
 - VERIFY ALL DOOR SWINGS PRIOR TO THE INSTALLATION OF CONDUIT TO SWITCH OUTLETS.
 - REFER TO ELECTRICAL SPECIFICATIONS - SECTIONS (B) APPROVAL OF MATERIALS: (b) NAMEPLATES:
 - MAKE UP THE THREADS OF PANELBOARD FEEDERS WITH A COAT OF RED LEAD.
 - INSTALL A #12 GALVANIZED IRON PULL WIRE IN ALL EMPTY CONDUIT TAGGED AT EACH END WITH ITS POINT OF ORIGIN. REFER TO THE ARCHITECTURAL, STRUCTURAL, PLUMBING, HEATING & VENTILATING AND ALL OTHER DRAWINGS ASSOCIATED WITH THE PROJECT PRIOR TO THE INSTALLATION OF ROUGHINS OF ELECTRICAL OUTLETS, CONDUITS & EQUIPMENT & TO DETERMINE THE EXACT LOCATION OF ALL OUTLETS.

SYMBOLS

LIGHT OUTLET & FIXTURE. LETTER REFERS TO FIXTURE SCHEDULE.

- 50 CEILING
- RECESSED
- BRACKET WALL MTD.
- EMERGENCY BATTERY OPERATED
- EXIT SIGN.

TUMBLER SWITCHES. SEE NOTE # 2

- SINGLE POLE
- TWO GANG
- THREE WAY
- FOUR WAY
- SINGLE POLE WITH PILOT LIGHT
- SINGLE POLE W/ THERMAL UNIT
- SINGLE POLE W/ THERMAL UNIT & PILOT LG.

CONVENIENCE OUTLETS

- DUPLEX. 6" UP 18"
- DUPLEX. MTD. 6" ABOVE COUNTER
- COMBINATION 2 & 3 WIRE RECEPTACLE
- DUPLEX. 6" UP 32"
- SINGLE. MTD. IN FLOOR BOX.

SINGLE HEAVY DUTY RECEPTACLE. UP 18" EXCEPT AS NOTED.

- 20AMP 125V. 3 POLE 2 WIRE.

TELEPHONE OUTLETS. N.E.T. & T. CO.

- WALL TYPE.
- DESK TYPE.

MISCELLANEOUS

- PROJECTOR BELL.
- YARD GONG.
- FIRE ALARM BELL.
- FIRE ALARM STATION.
- CLOCK, OUTLET.
- CLOCK, OUTLET & BUZZER.
- FIRE DETECTOR HEAD.
- MOMENTARY CONTACT BUTTON. "ON" INDICATES ON BUTTON ONLY.
- MAGNETIC CONTACTOR. SIZE AS NOTED ON DRAWINGS.
- EMERGENCY BATTERY UNIT EXIDE 48263 MTD. ON SHELF UP 7' 0"
- PROJECTOR OUTLET
- TELEVISION OUTLET
- MICROPHONE OUTLET
- DAISY FLOOR SWITCH
- TRANSFORMER
- JUNCTION BOX.
- BUZZER. FLUSH TYPE.

FLOOR BOX. ADJUSTABLE TYPE

- SINGLE GANG
- THREE GANG
- FOUR GANG

SPEAKER OUTLET & SPEAKER

- WALL TYPE. FLUSH MTD.
- WALL TYPE. SURFACE.

CONDUIT RUNS

- IN HUNG CEILING OR CEILING SLAB
- IN FLOOR SLAB
- CONCEALED TO SWITCH
- HOMERUN TO PANELBOARD CIRCUIT NO. 1 & 2 PANEL LI
- EXPOSED
- FLEXIBLE (GREENFIELD)

- MOTOR OUTLET.
- DISCONNECT SWITCH FUSED
- DISCONNECT SWITCH UNFUSED
- POWER AND/OR LIGHTING PANELBOARD
- LOW TENSION TERMINAL STRIP CABINET
- MOTOR DISC. SW. TYPE "N" ARROW-HART "6808-WP" DENOTES WEATHERPROOF HOUSING
- SINGLE POLE MAGNETIC RELAY. "E" INDICATES FURNISHED, WIRED & INSTALLED BY THIS CONTRACTOR. "2P" DENOTES TWO POLE
- REMOTE STOP-START STATION & PILOT LIGHT.

COMBINATION DISCONNECT SWITCH & MAGNETIC "ACROSS THE LINE MOTOR STARTER"

- THREE POLE W/ HAND-OFF-AUTO. SELECTOR SWITCH & PILOT LIGHT
- TWO POLE WITH HAND-OFF-AUTO SELECTOR SWITCH
- THREE POLE W/ HAND-OFF-AUTO SELECTOR SWITCH
- THREE POLE W/ STOP-START BUTTONS
- MAGNETIC "ACROSS THE LINE MOTOR STARTERS"
- TWO POLE W/ HAND-OFF-AUTO-SELECTOR SWITCH
- THREE POLE W/ HAND-OFF-AUTO SELECTOR SWITCH
- THREE POLE W/ STOP-START BUTTONS & PILOT LIGHT

DEVICES FURNISHED BY OTHERS		INSTALLED BY		WIRED BY	
		ELEC.	OTHERS	ELEC.	OTHERS
AQUASTAT "P" DENOTES BY PLUMBING CONTRACTOR			x	x	
AQUASTAT "H" DENOTES BY HEATING CONTRACTOR.			x	x	
ELECTRIC PRESSURE SWITCH			x	x	
MOTOR OPERATED DAMPER			x	x	
PRESSURE ELECTRIC SWITCH			x	x	
TIME CLOCK	x			x	
THERMOSTAT	x			x	
FLOAT SWITCH			x	x	
PRESSURE TROL			x	x	
HAND-OFF-AUTO. SELECTOR SWITCH			x	x	
FREEZSTAT			x	x	
MAGNETIC RELAY			x	x	



ELECTRICAL

KILHAM, HOPKINS, GREELEY & BRODIE

8 ARLINGTON STREET ARCHITECTS BOSTON, MASS.

REVISIONS

Title of building

• HALIFAX ELEMENTARY SCHOOL

HALIFAX MASS.

DATE NOV. 25 1956 Title of drawing

DRAWN BY J.B. PLOT PLAN

FILE NO. 2451

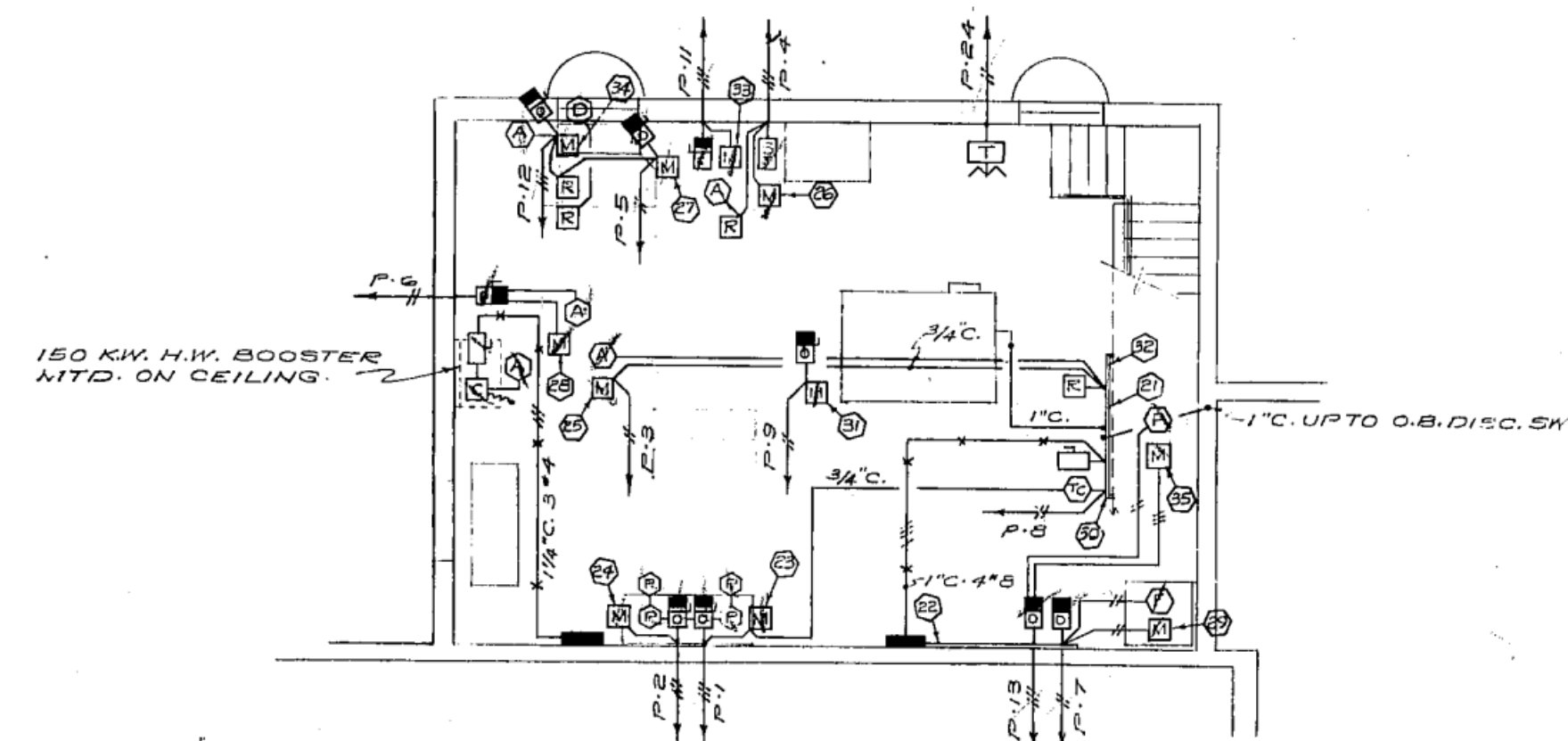
TRACED BY R.J.N.

SCALE 1" = 30'-0"

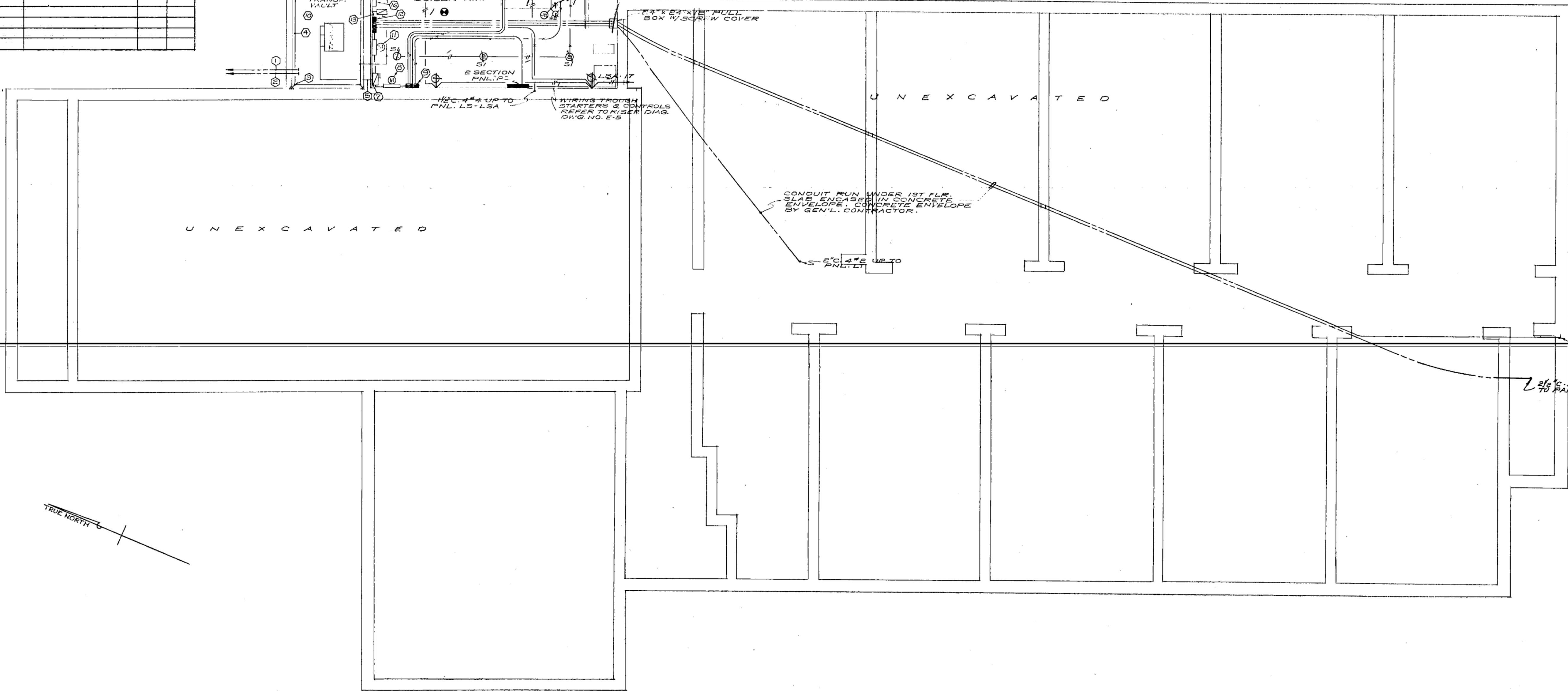
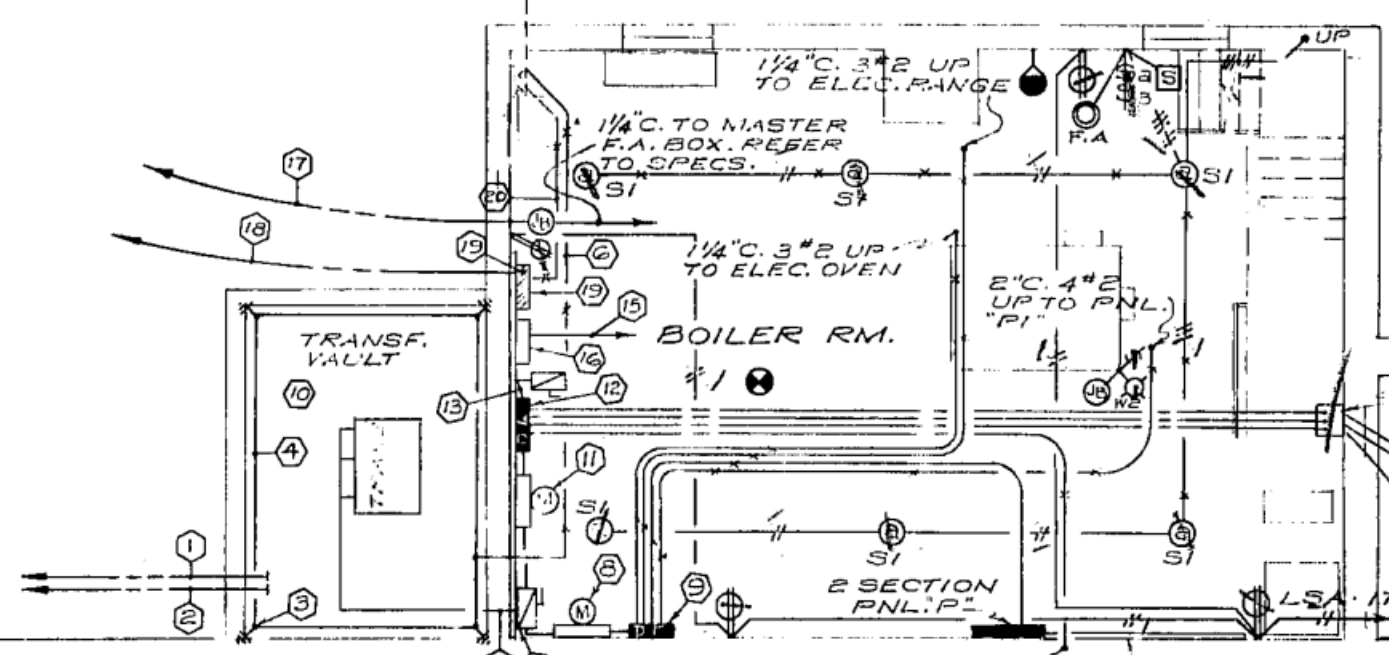
SHEET NO. 20

E1

CIRCUIT SCHEDULE									
BRANCH CIRCUITS		EQUIPMENT		LOCATION		FEEDERS			
NO.	BREAKERS	CONDUIT	NO.	POLES	AMP.	W.P.	COND.	WIRE	
PANEL "P"									
1	3	50	5					3/4"	3" S
2	3	20	2					3/4"	3" E
3	1	1/2						1/2"	2" E
4	1	1/2						1/2"	2" E
5	1	1/2						1/2"	2" E
6	1	1/2						1/2"	2" E
7	1	1/2						1/2"	2" E
8	1	1/2						1/2"	2" E
9	1	20	1/4					1/2"	2" E
10	3	50	1/2					1"	4" S
11	3	20	3/8					1/2"	2" E
12	3	1/2						1/2"	2" E
13	3	1/2						1/2"	2" E
14	1	1/2						1/2"	2" E
15	1	1/2						1/2"	2" E
16	1	1/2						1/2"	2" E
17	1	1/2						1/2"	2" E
18	1	1/2						1/2"	2" E
19	3	1/2						2" E	
20	3	1/2						3" E	
21	3	1						3" E	
22	1	10%						2" E	
23	1	10%						2" E	
24	1							2" E	
25	1							1/2"	2" E
26	1							1/2"	2" E
27	1							1/2"	2" E
28	3	20						1/2"	2" E
29	3	20						1/2"	2" E
30	3	30						1/2"	2" E



PART PLAN OF BOILER ROOM
SCALE 1/8"=1'-0"



- EQUIPMENT IDENTIFICATION
- PRIMARY CABLES IN 3" FIBRE DUCT RUN UNDERGROUND. REFER TO SPECS.
 - SPARE 3" FIBRE DUCT. CAP AT BASE OF POLE & AT TRANSFORMER VAULT.
 - DRIVEN GROUND RODS.
 - 1/4" x 6" BARE COPPER GROUND BUS INSTALLED 18" ABOVE FIN. FLR. REFER TO SPECS.
 - SECONDARY SERVICE CABLES.
 - 1" x 3/4" BARE STRANDED COPPER IN 1" C. CONNECT TO STREET SIDE OF WATER METER.
 - 400A. 4 POLE S.N. DISC. SW.
 - CURRENT TRANSFORMER CAB. & METERING "POWER & HEAT METER LOOP." REFER TO SPECS.
 - DISTRIBUTION PNL. "DP."
 - FOR DIVISION OF WORK IN TRANSFORMER VAULT REFER TO SPECS & DWG. #E-2.
 - CURRENT TRANSFORMER & METERING "LIGHTING METER LOOP." REFER TO SPECS.
 - DISTRIBUTION PNL. "DL"
 - 3/4" C. 4" x 12 TO DL-5.
 - 30A. 4 POLE S.N. FUSED DISC. PAINTED RED W/ NAMEPLATE READING "FIRE ALARM DISCONNECT SWITCH."
 - 3/4" C. 3" x 12 TO MASTER FIRE ALARM BOX.
 - FIRE ALARM CONTROL PNL. REFER TO SPECS.
 - 1" S GALV. IRON PULL WIRE IN 2" C. RUN UNDERGROUND TO POLE. REFER TO SPECS. FIRE ALARM SERVICE.
 - 1" S GALV. IRON PULL WIRE IN 2" C. RUN UNDERGROUND TO POLE. SEE SPECS. TELEPHONE SERVICE.
 - 18" x 32" x 34" TELEPHONE CAB.
 - 3/4" EMPTY CONDUIT. CONNECT TO STREET SIDE OF WATER METER.
 - COMBINATION OIL BURNER & TEMP. CONTROL PNL. MOUNTING BOARD. TERMINATE OIL BURNER FEEDER IN A DISCONNECT SW. TERMINATE TEMP. CONTROL FEEDER IN U.S. EMPTY CONDUITS ON BOARD AS DIRECTED. CONTROL OIL BURNER PUMP, FREE-HEATER WIRING & FIRE DISCONNECT WIRING BY H&V CONT. REFER TO WIRING DIAGRAM.

ELECTRICAL

KILHAM, HOPKINS, GREELEY & BRODIE
9 ARLINGTON STREET BOSTON, MASS.

REVISIONS: Title of building: HALIFAX ELEMENTARY SCHOOL, HALIFAX, MASS.

DATE NOV. 25 1958 Title of drawing: BOILER ROOM & FOUNDATION PLAN

DRAWN BY R.J.N. FILE NO. 2451

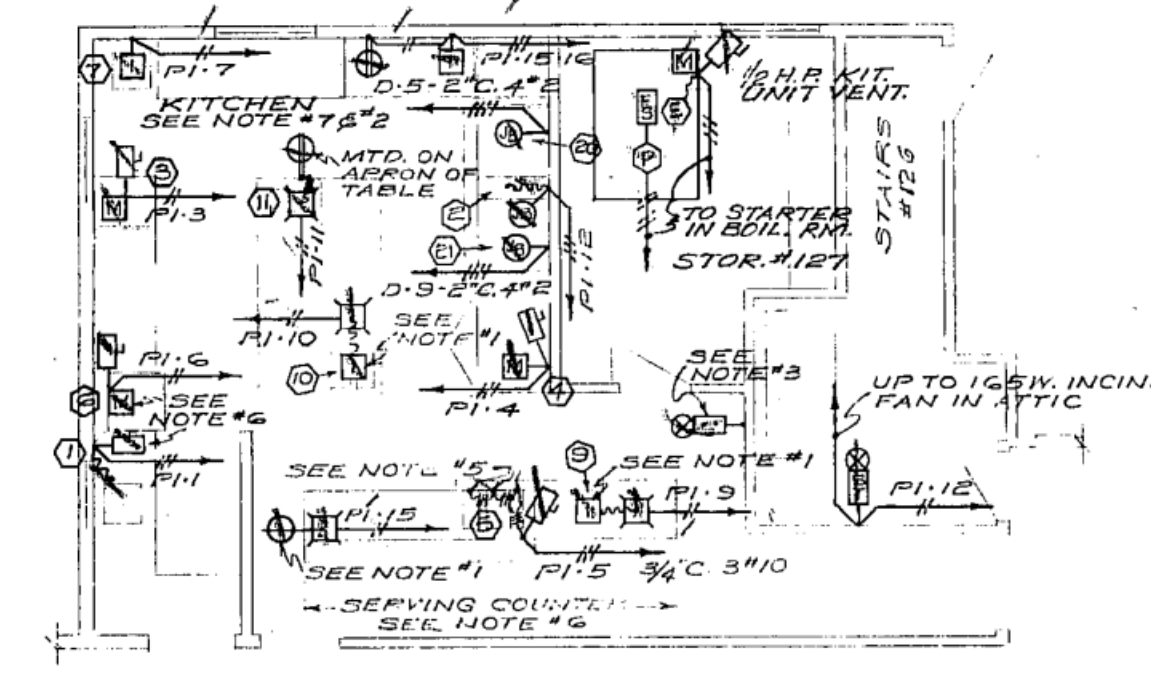
TRACED BY J.B. SCALE 1/8"=1'-0"

SHEET NO. 21

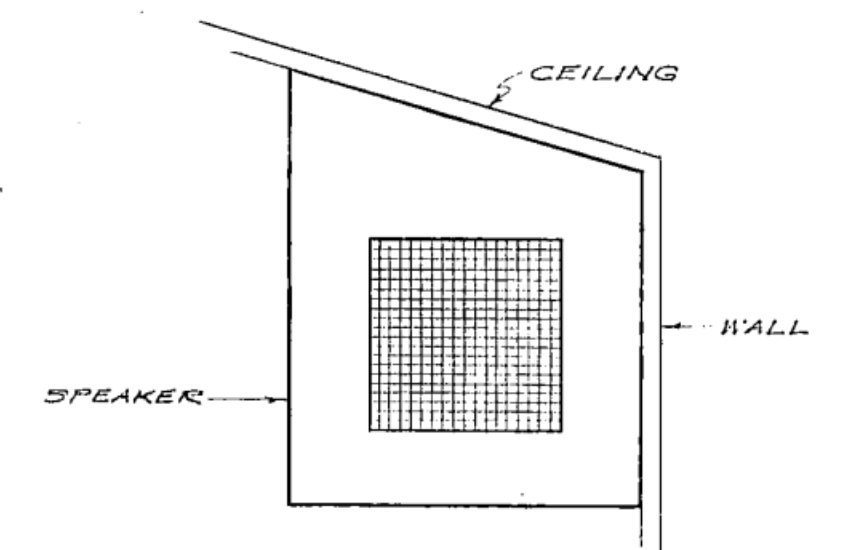


E2

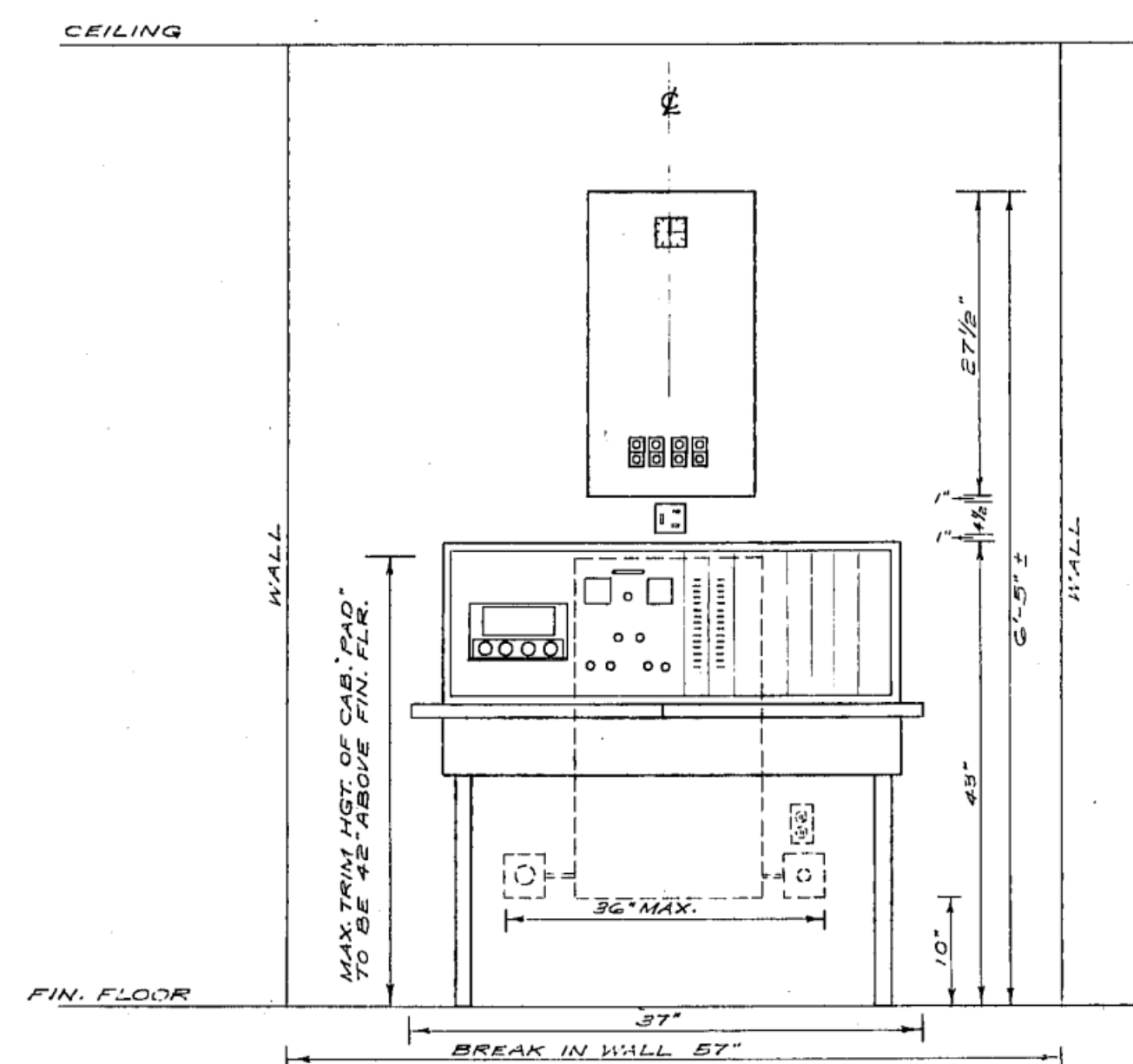
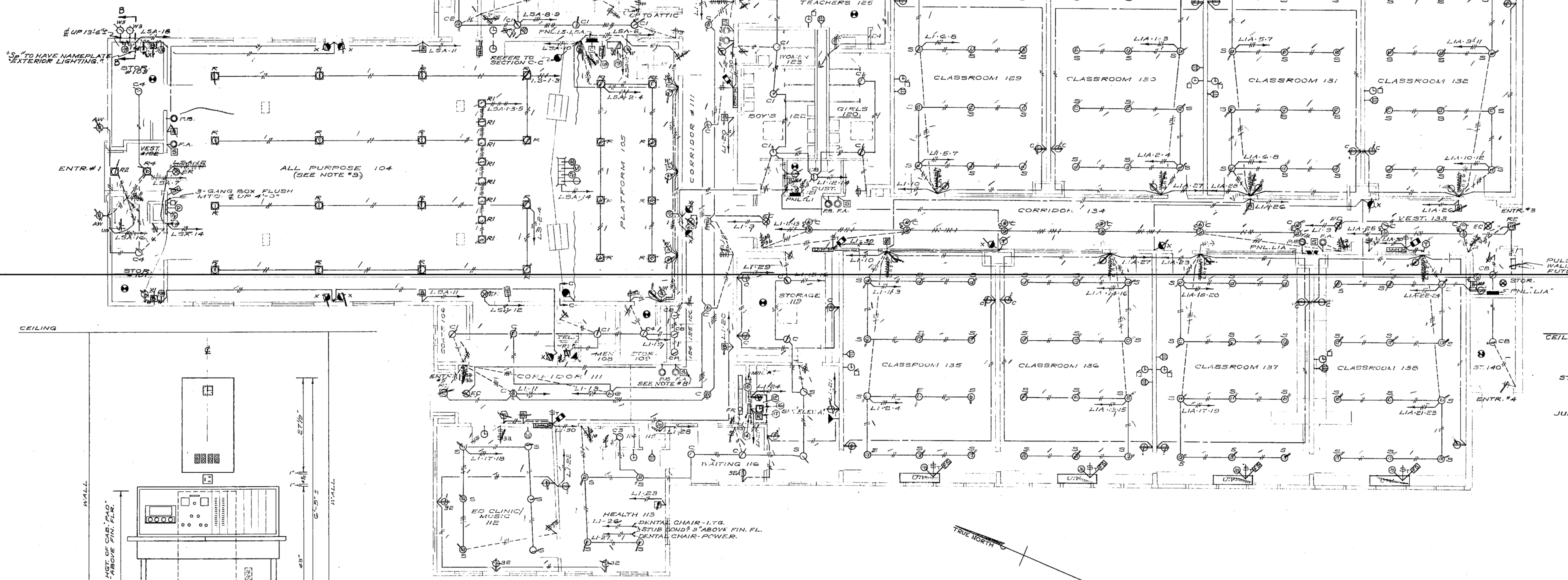
CIRCUIT SCHEDULE									
EQUIPMENT IDENTIFICATION NUMBER	BRANCH CIRCUITS				EQUIPMENT	LOCATIONS	FEEDERS		
	NO.	POLES	AMP.	H.P./K.W.			COND.	WIRE	
PANEL "PI"									
1	1	3	30		5	200V. 3/4 HT. ELEM.	KITCHEN	3/4"	5"10
2	2	3	30		4.1	200V. 3/4 GRIDDLE		3/4"	5"10
3	3	3	20	1/2		200V. 3/4 MIXER		1/2"	5"12
4	4	3	20			200V. 3/4 KEFRIG.		1/2"	5"12
5	5	2	30			200V. 1/4 HOT FOOD		3/4"	5"10
6	6	1	20	1/8		120V. 1/8 DISHWASH.		1/2"	5"12
7	7	1	20	1/4		120V. 1/8 PEELER		1/2"	5"12
8	8	1	20			SPARE			
9	9	1		1/4		120V. 1/2 MILK CAB.		1/2"	5"12
10	10	1		1/4		120V. 1/2 ICE CREAM CAB.			
11	11	1		1/4		120V. 1/2 SLICER	KITCHEN		
12	12	1				DISHWASH. EXH.	ATTIC SPACE		
13	13	1				KITCH. EXH.	ATTIC SPACE		
14	14	1				KITCH. U.V.	STORAGE	1/2"	5"12
15	15	1			.6	CONV. OUTLETS	KITCHEN	3/4"	5"12
16	16	1			.6	CONV. OUTLETS	KITCHEN		
17	17	1				SPARE			
18	18	1							
19	19	1							
20	20	3							
21	21	3	20			SPARE			



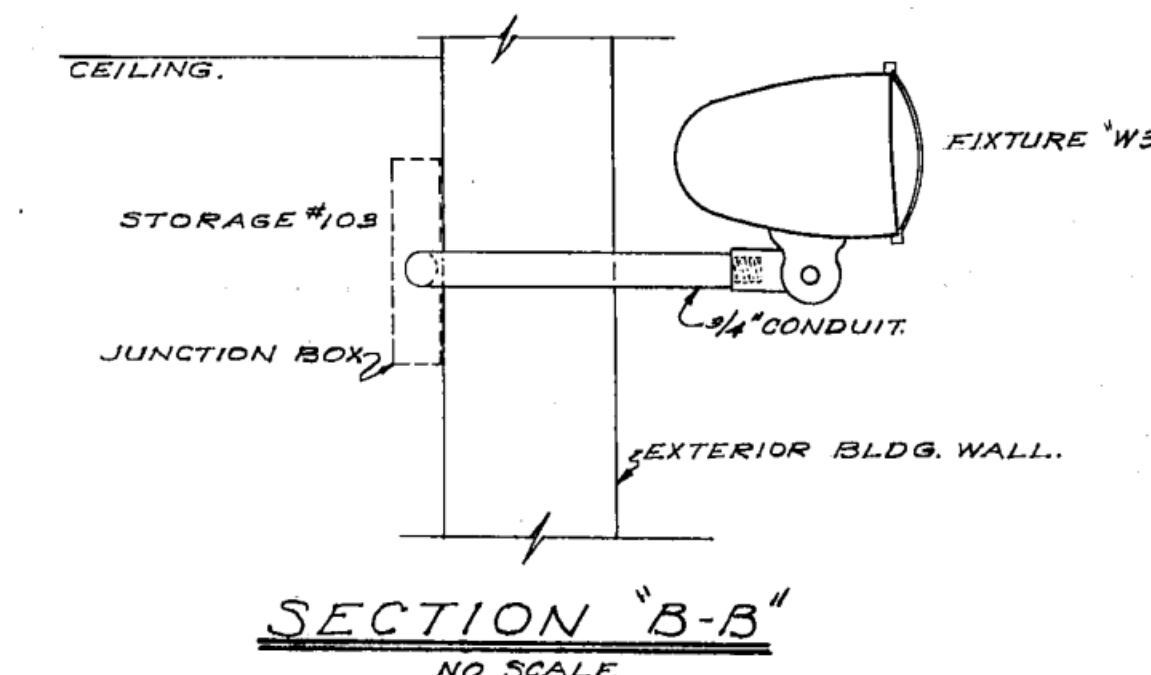
- NOTES
1. OUTLETS INDICATED SHALL BE OF THE PEDESTAL TYPE, MTD. ON A SINGLE GANG FLOOR BOX.
 2. EQUIPMENT IS NOT IN CONTRACT.
 3. FLUSH TYPE "I" NAMEPLATE READING "KITCHEN EXH. FAN"
 5. CONNECT TO HEAT SELECTOR SWITCHES & THERMOSTATIC CONTROLS AS REQUIRED.
 6. ELECTRICAL EQUIPMENT, DISC SWITCHES, ETC. SHALL BE CONCEALED UNDER COUNTER TOPS, ETC. WHERE POSSIBLE.
 7. THIS CONTRACTOR SHALL CONSULT WITH THE ARCHITECT AND/OR MANUFACTURERS SHOP DWGS. FOR EXACT ROUGHING IN DIMENSIONS TO ALL EQUIPMENT & SHALL MAKE ALL FINAL CONNECTIONS.
 8. FIRE ALARM STATION TO INCORPORATE "TEST & DRILL" FEATURE. REFER TO SPECS.
 9. REFER TO ARCHITECTURAL DETAIL DWGS. FOR FIXTURES LOCATED IN CEILING TILE IN CLASSROOMS, CORRIDORS & ETC.



- EQUIPMENT IDENTIFICATION
- 1. P.A. CONSOLE 37" W X 43" H X 3" D.P.
 - 2. P.A. DISTRIBUTION CAB. "PAD" 18" W X 32" H X 4" D.P.
 - 3. 2" X 4" X 4" J.B. "1/3" BUSHED COVER
 - 4. 2" X 4" X 4" J.B. "1/1" BUSHED COVER
 - 5. MASTER CLOCK & PROGRAM INSTRUMENT
 - 6. MANUAL RESET BUTTON
 - 7. MAIN MAGNETIC CONTACTOR INCORPORATED IN PNL. L.S.
 - 8. SURFACE MTD. CAB. 19 1/4" W X 15" H X 11" D.P. FOR PORTABLE AMPLIFIER. REFER TO RISER DIAGRAMS, DWG. NO. E-5
 - 9. 21.9 KW. RANGE (N.I.C.)
 - 10. 18.0 KW. OVEN (N.I.C.)
- REFER TO ELEVATION "A"



NOTE:
EQUIPMENT SHOWN DOTTED IS LOCATED FLUSH IN WALL BEHIND P.A. CONSOLE. REFER TO PLAN & TO RISER DIAG.

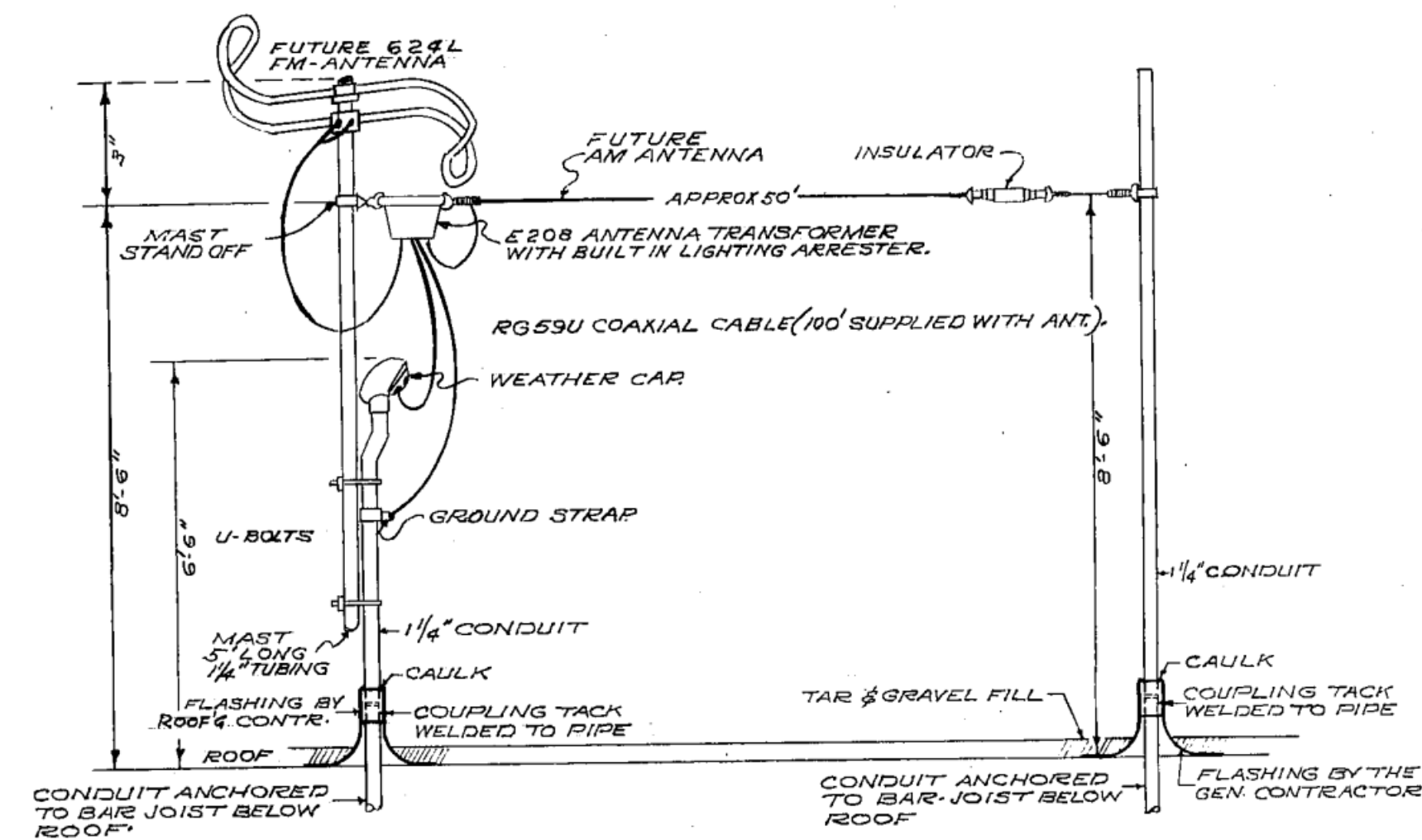


ELECTRICAL
KILHAM, HOPKINS, GREELEY & BRODIE
• ARLINGTON STREET ARCHITECTS BOSTON, MASS.

REVISIONS	Title of building	SHEET NO.
	HALIFAX ELEMENTARY SCHOOL	
	HALIFAX MASS.	
DATE NOV. 25 1958	Title of drawing	FILE NO.
DRAWN BY W.P.S.	GROUND FLOOR PLAN	2451
TRACED BY R.J.N.		SCALE 1/8" = 1'-0"

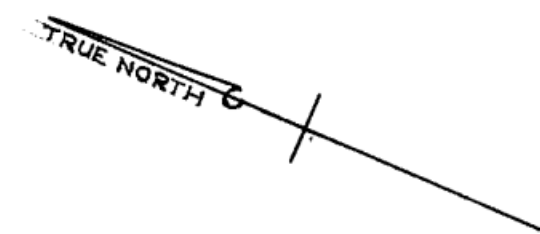
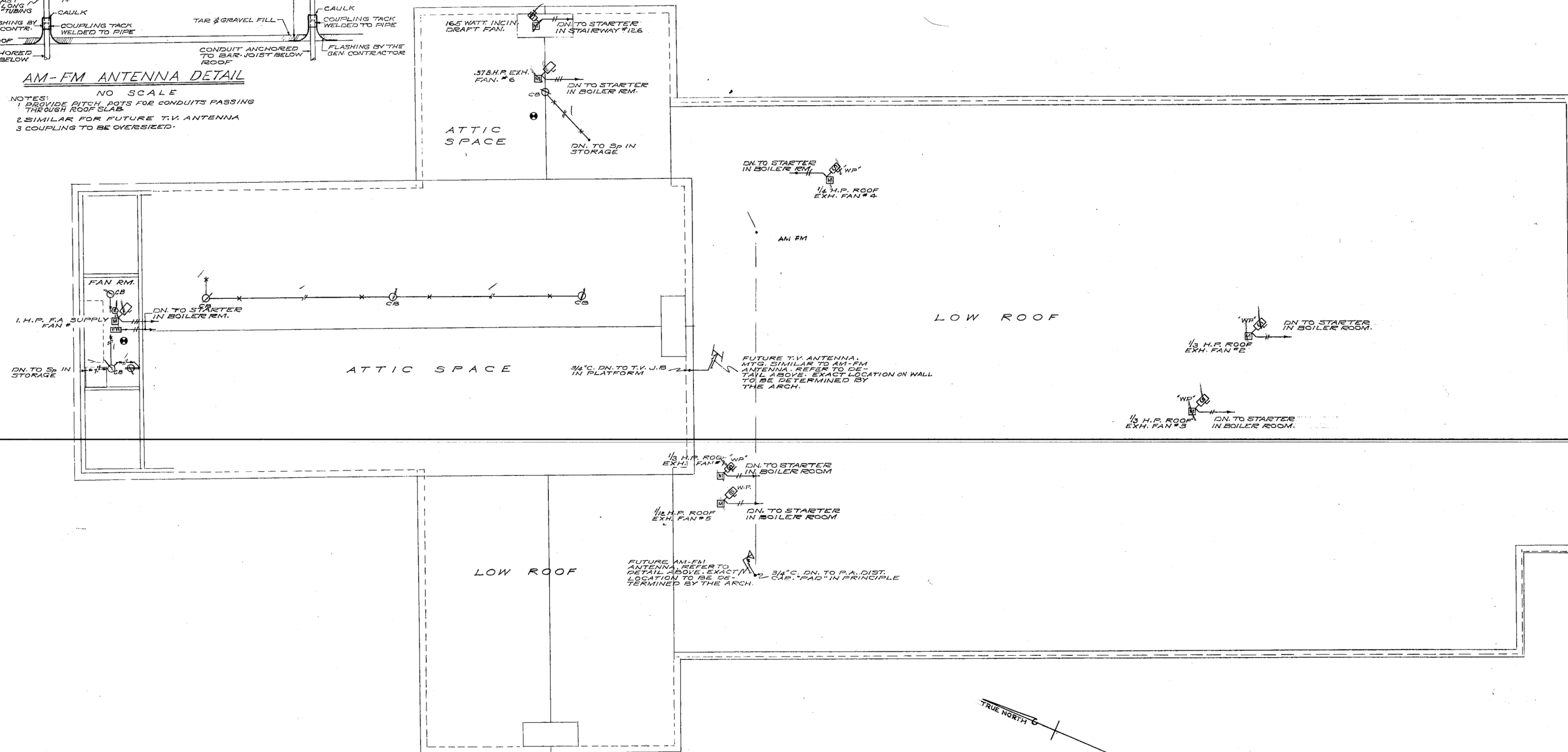
22

E3



AM-FM ANTENNA DETAIL

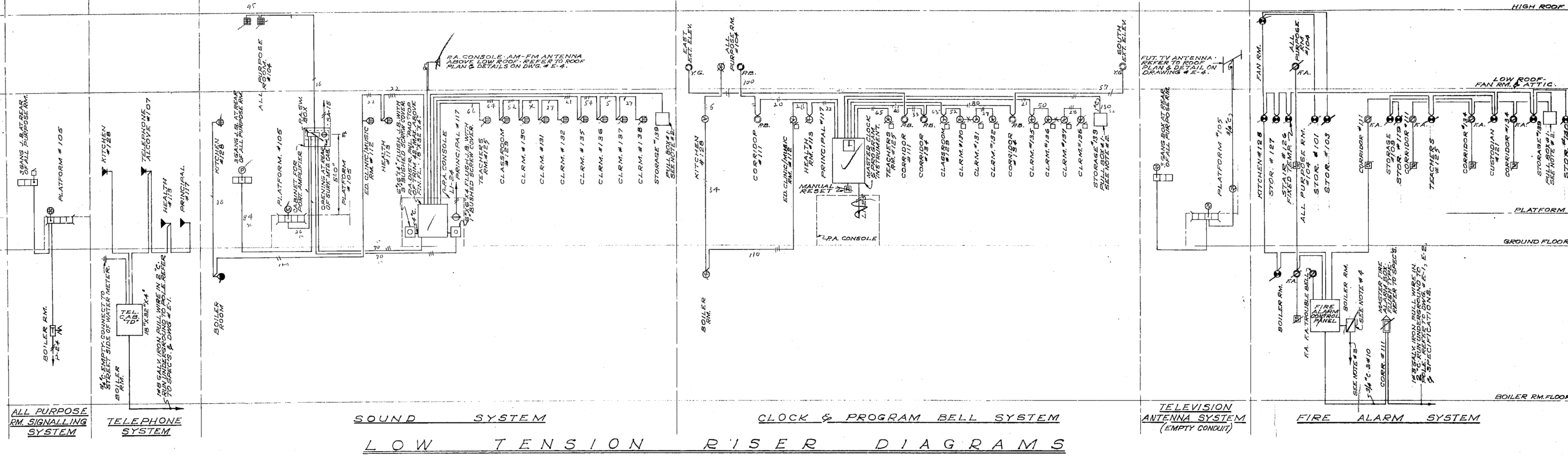
NO SCALE
 NOTES:
 1. PROVIDE PITCH POTS FOR CONDUITS PASSING THROUGH ROOF SLAB.
 2. SIMILAR FOR FUTURE T.V. ANTENNA.
 3. COUPLING TO BE OVERSIZED.



ELECTRICAL

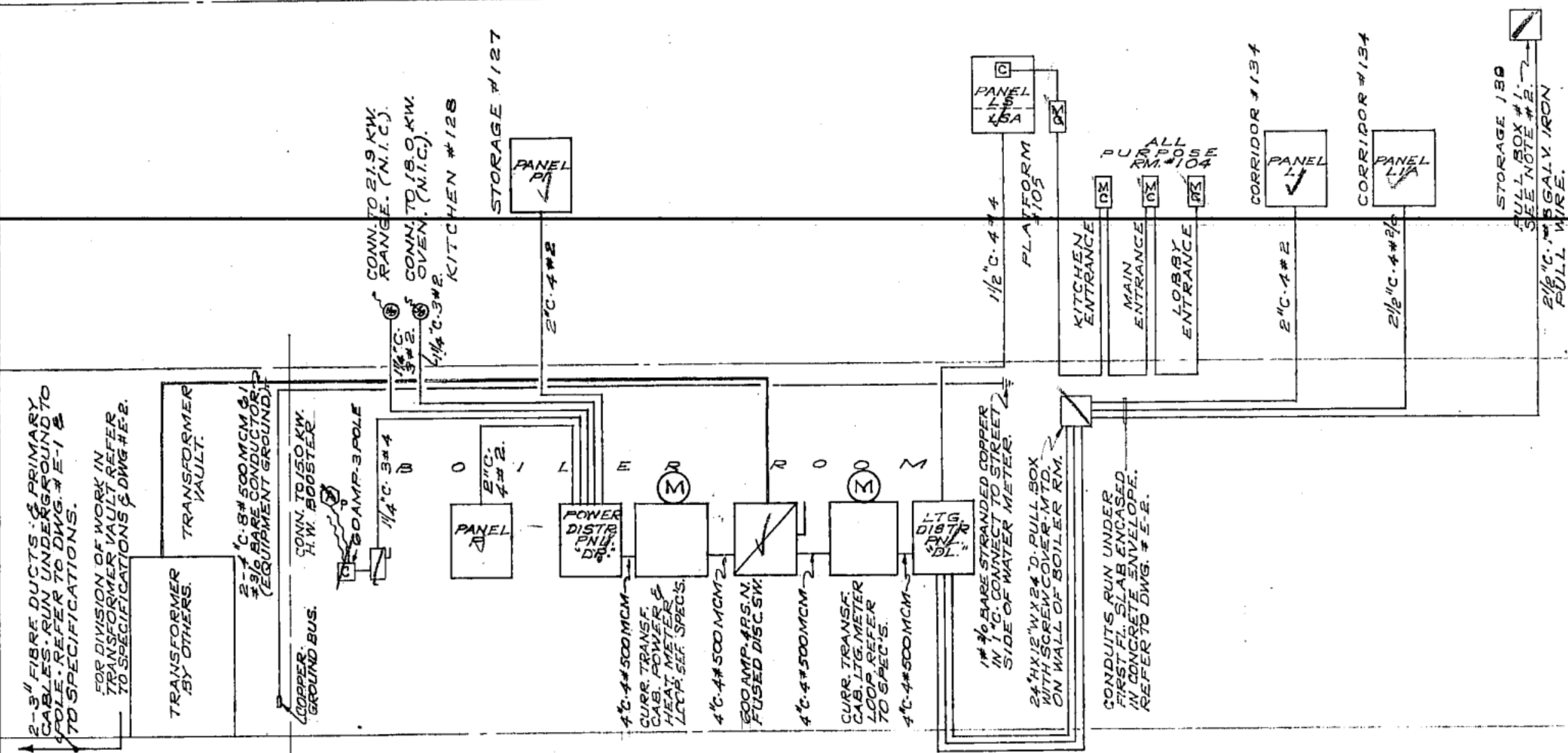
KILHAM, HOPKINS, GREELEY & BRODIE
 ARCHITECTS
 7 ARLINGTON STREET BOSTON, MASS.

REVISIONS	Title of building	SHEET NO.
	HALIFAX ELEMENTARY SCHOOL	23
	HALIFAX MASS.	
DATE NOV. 25, 1956	Title of drawing	FILE NO.
DRAWN BY R.J.N.	ATTIC & ROOF PLAN	2451
TRACED BY R.J.N.		SCALE 1/8" = 1'-0"

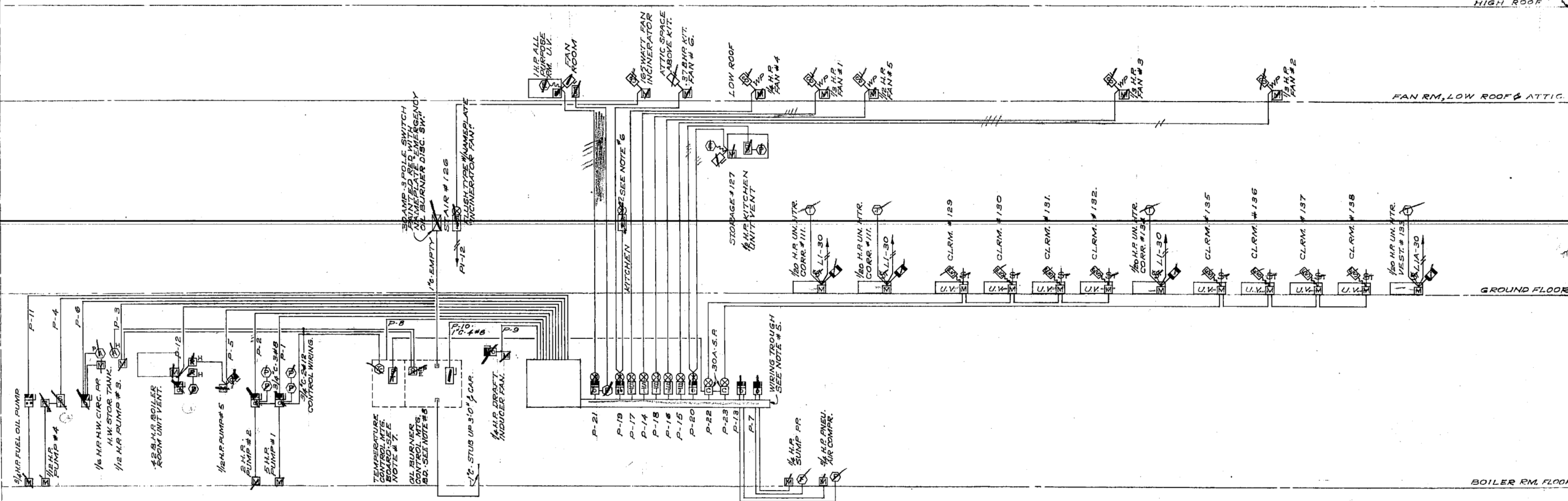


- NOTES:**
1. MINIMUM SIZE EMPTY CONDUIT SHALL BE 3/4" I.D. EXCEPT AS NOTED.
 2. PULL BOX #1 SHALL BE 24" H X 24" W X 6" D. WALL MTD. WITH SCREW COVER & BARRIERS TO SEPARATE SYSTEMS. PULL BOX FOR FUTURE EXPANSION.
 3. 3/4" C. #12. CONNECT TO DL-5 CIR. BKR.
 4. 30 AMP. 4 P.S.N. FUSED DISC. SW. PAINTED RED WITH NAMEPLATE READING "FIRE ALARM DISCONNECT SWITCH".
 5. ARRANGEMENT OF MOTOR STARTERS, CONTROLS ETC. TO BE DETERMINED IN THE FIELD. EXACT SIZE OF WIRING TROUGH TO MEET REQUIREMENTS OF THE NATIONAL ELECTRIC CODE AND THE JOB CONDITIONS.
 6. COMBINATION OIL BURNER CONTROL & TEMPERATURE CONTROL MOUNTING BOARD BY OTHERS. TERMINATE O.B. PANEL FEEDER IN A DISC. SW. POWER & CONTROLS TO O.B. PUMP & PREHEATER. CONTROL WIRING ONLY TO BOILER RM. U.V. & DRAFT INDUCER AND CONDUITS BY THE H.V. CONTR. WIRING ONLY TO TEMPER. O.B. DISC. SW. BY THE H.V. CONTR. 1 TERM. TEMP. CONTROL PNL. FEEDER & EMPTY CONDUITS IN J.B. & CONTROL WIRING IN DEVICES SHOWN ON THIS DWG. ON BOARDS.

POWER & LIGHT RISER DIAGRAM



MOTOR RISER DIAGRAM



PANEL SCHEDULE

PANEL NO.	TOTAL NO. OF CIRCUITS	20A S.P. BREAKERS	30A S.P. BREAKERS	40A S.P. BREAKERS	60A S.P. BREAKERS	100A S.P. BREAKERS	150A S.P. BREAKERS	200A S.P. BREAKERS	250A S.P. BREAKERS	300A S.P. BREAKERS	400A S.P. BREAKERS	500A S.P. BREAKERS	600A S.P. BREAKERS	750A S.P. BREAKERS	1000A S.P. BREAKERS	MAIN MAG. CONTACTOR	TYPE TRIM	FEEDER COND. WIRE
P-1	30	10	1														SURFACE	4" 4#2
P-2	30	10	1														SURFACE	2" 4#2
P-3	21	14	4	1	2												SURFACE	2" 4#2
P-4	32	32															FLUSH	2" 4#2
P-5	32	32															FLUSH	2" 4#2
P-6	6	6															FLUSH	1 1/2" 4#4
P-7	22	22															SURFACE	4" 4#2
P-8	24	24															FLUSH	4" 4#2

INDICATES PANEL SHALL BE FURNISHED WITH 3 COLE MAIN MAGNETIC CONTACTOR WITHIN 10' PANEL TRIM TO ANTI-RUMBLE MOUNTED MOMENTARY CONTACT "ON" OFF BUTTON AS INDICATED ON DRAWINGS # E-3 & E-5. SIZE OF CONTACTOR TO BE DETERMINED BY MECHANICAL ENGINEER.

CIRCUIT SCHEDULE

FEEDER CIRCUITS							FEEDER		
NO	BREAKER		TRIP	PHASE	CONDUIT LOAD		EQUIPMENT	LOCATION	COND WIRE
	POLES	FRAME			HP	KW			
DISTRIBUTION PANEL DL									
1.	3	J	125	3	21-2	PANEL L.I.	CORRIDOR #134	2"	4#2
2.	3	J	150	3	27-2	PANEL L.I.A.	CORRIDOR #134	2 1/2"	4#2
3.	3	J	150	3		FUT. ADDITION.	STOR. #127	2 1/2"	4#2
4.	3	F	70	3	18-5	PANEL L.S.-L.S.A.	PLATFORM #105	1 1/2"	4#4
5.	3	F	20	3		F.A. DISC. SW.	BOILER RM.	3/4"	4#12
6.	3	F	50	3		SPARE			
7.	3	F	70	3		SPARE			
8.	3	J	125	3		SPARE			

CIRCUIT SCHEDULE

FEEDER CIRCUITS								FEEDER	
NO.	BREAKER			CONDUIT					
	POLES	FRAME	TRIP	PHASE	N.F.	R.W.	EQUIPMENT	LOCATION	COND. WIRE
DISTRIBUTION PANEL DP									
1.	3	J	125	3		21-9	ELEC. RANGE	KITCHEN #128	1 1/4" 3#2
2.	3	J	125	3		18-0	ELEC. OVEN	KITCHEN #128	1 1/4" 3#2
3.	3	J	125	3	14	2-0	PANEL P	BOILER ROOM	2" 4#2
4.	3	J	125	3	31/2	12-3	PANEL P1	STORAGE #127	2" 4#2
5.	3	F	70	3		150	H.W. BOOSTER	BOILER ROOM	1 1/4" 3#2
6.	3	F	70	3			SPARE		
7.	3	F	70	3			SPARE		
8.	3	J	125	3			SPARE		



ELECTRICAL

KILHAM, HOPKINS, GREELEY & BRODIE ARCHITECTS

• ARLINGTON STREET BOSTON, MASS.

REVISIONS: Title of drawing: **HALIFAX ELEMENTARY SCHOOL**

DATE NOV. 25 1958 Title of drawing: **RISER DIAGRAMS**

DRAWN BY W.P.S. FILE NO. 2451

TRACED BY W.P.S. SCALE NONE

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