

NEW PUBLIC SAFETY BUILDING

PLEASANT GROVE

FLUVANNA COUNTY, VA

SHT NO.	DWG. NO.	DRAWING TITLE
1	CS-1	COVER SHEET
CIVIL		
2	C-1	SITE LAYOUT PLAN
3	C-2	GRADING PLAN
4	C-3	TYPICAL SECTIONS AND PROFILES
5	C-4	PRE-DEVELOPED DRAINAGE AREAS
6	C-5	DEVELOPED DRAINAGE AREAS
7	C-6	EROSION AND SEDIMENT CONTROL PLAN
8	C-7	EROSION AND SEDIMENT CONTROL DETAILS
9	C-8	GENERAL NOTES & DETAILS
LANDSCAPING		
10	LI.1	MASTER LANDSCAPE PLAN
11	LI.2	MAIN ENTRANCE LANDSCAPE PLAN
12	LI.3	PUBLIC SAFETY BUILDING LANDSCAPE PLAN
13	LI.4	WALL AND COLUMN DETAILS
14	LI.5	PLANTING DETAILS
ARCHITECTURAL		
15	A-1	FIRST FLOOR PLAN
16	A-2	WALL TYPES
17	A-3	ROOF PLAN
18	A-4	FRONT & REAR ELEVATIONS
19	A-5	LEFT & RIGHT ELEVATIONS
20	A-6	CROSS SECTION
21	A-7	WALL SECTIONS
22	A-8	ROOM FINISH SCHEDULE & MISC DETAILS
23	A-9	DOOR/VIEW WINDOW SCHEDULES & MISC DETAILS
24	A-10	ENLARGED TOILET PLANS & ELEVATIONS
25	A-11	REFLECTED CEILING PLAN
26	A-12	CABINETS & MISC DETAILS
27	A-13	MISC DETAILS
28	A-14	WALL DETAILS
STRUCTURAL		
29	S-1	FOUNDATION PLAN
30	S-2	FOUNDATION SECTIONS & DETAILS
31	S-3	ROOF FRAMING PLANS
32	S-4	ROOF SECTIONS & DETAILS
33	S-5	BRACING SECTION & DETAILS
MECHANICAL		
34	M-1	FLOOR PLAN - HVAC
35	M-2	DETAILS - HVAC
36	M-3	SCHEDULES - HVAC
PLUMBING		
37	P-1	FLOOR PLAN - PLUMBING
38	P-2	RISERS - PLUMBING
ELECTRICAL		
39	E-1	LEGEND, ABBREVIATIONS & ONE LINE DIAGRAMS
40	E-2	FLOOR PLAN - LIGHTING
41	E-3	FLOOR PLAN - POWER
42	E-4	FLOOR PLAN - SPECIAL SYSTEMS
43	E-5	FLOOR PLAN - GROUNDING
44	E-6	ELECTRICAL SITE PLAN
45	E-7	LIGHTING FIXTURE & PANEL SCHEDULES
46	E-8	SCHEDULES & DETAILS
47	E-9	RISER DIAGRAM - SECURITY SYSTEM
48	E-10	DETAILS - SECURITY SYSTEM

REV.	DATE	BY	APP.	DESCRIPTION



Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
 2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
 24505-0877

DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED TAG		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE COVER SHEET
CADD NO. 201087CS01		DWG. NO. CS-1
DATE 10/26/01		SHEET NO. 1 OF 48
		REV. 0

BENCH MARK DATA

- BENCH MARK #1: IRON PIN WITH CAP LABELED #1. ELEV. = 342.81
NORTHING: 50,000.0000, EASTING: 50,000.0000 (ASSUMED).
- BENCH MARK #2: IRON PIN WITH CAP LABELED #2. ELEV. = 341.83
NORTHING: 49760.0350, EASTING: 50187.4812 (ASSUMED).
- BENCH MARK #T-106: USC&GS BRASS DISK IN CONC. LABELED T-106,
1935. ELEV. = 344.99. NORTHING: 49763.1639, EASTING: 50212.5971
(ASSUMED)
- BENCH MARK #50: IRON PIN WITH CAP LABELED #50. ELEV. = 328.643
NORTHING: 50240.1602, EASTING: 51012.7538 (ASSUMED).
- BENCH MARK #51: IRON PIN WITH CAP LABELED #51. ELEV. = 329.673
NORTHING: 50358.2735, EASTING: 51217.8093 (ASSUMED).

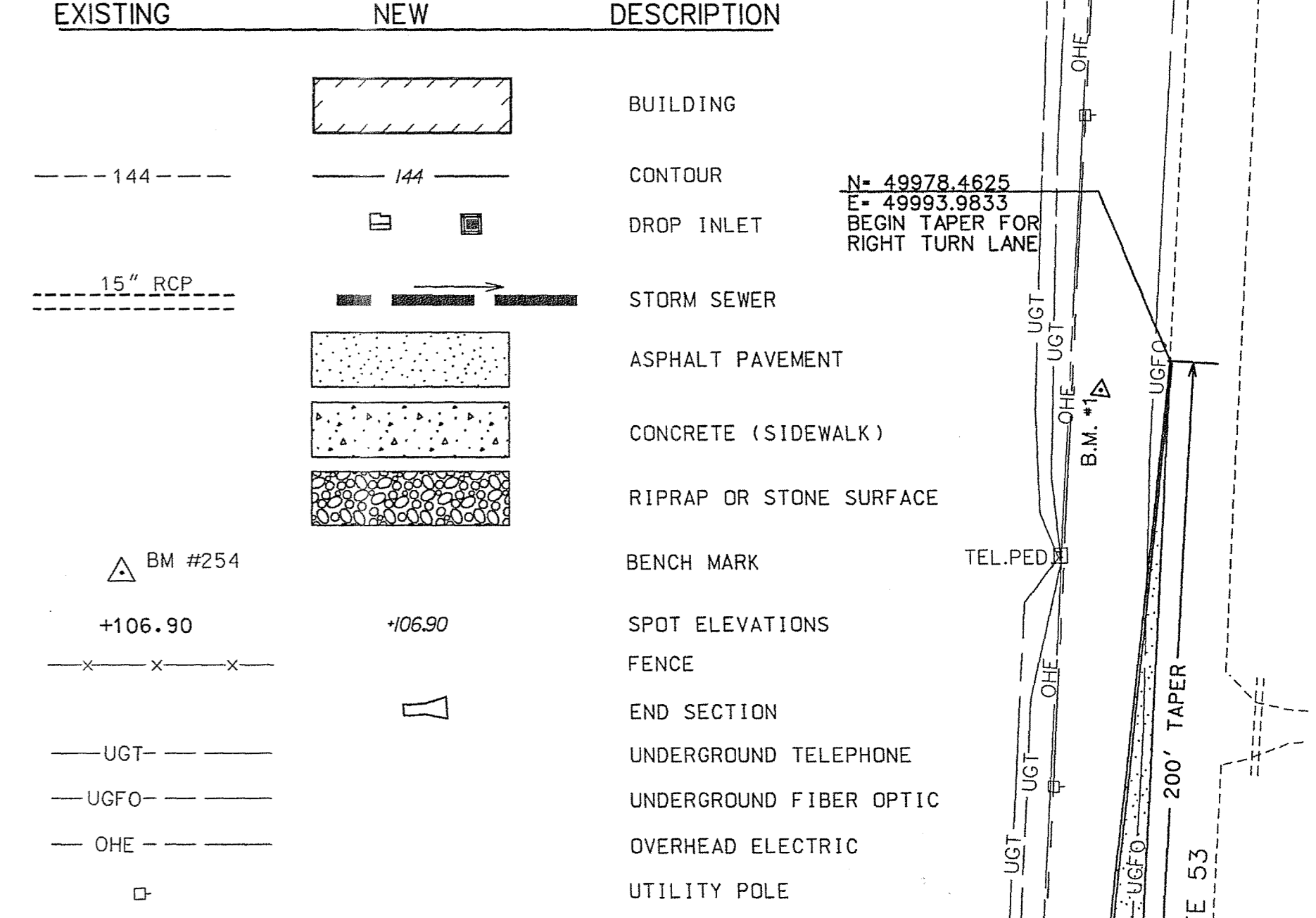
ALIGNMENT DATA BASELINE 'A'

STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING
PC A3-74.3612	50796.6865	50070.9895	PC A5-60.3542	50685.9649	49938.1667	PC A6-37.3920	50613.0641	49927.3726
PI A4-12.6339	50811.4645	50035.6849	PI A6-02.6599	50652.5588	49912.2088	PI A7-53.2157	50504.9363	49968.8876
CC A3-74.3612	50750.5642	50051.6833	CC A6-37.3920	50613.0641	49927.3726	CC A7-81.1961	50587.9738	49862.0237
PT A4-39.6931	50781.2430	50012.2016	Radius: 75.0000'			Radius: 70.0000'		
Delta: 74°51'53" Left			Delta: 58°51'09" Left			Delta: 117°42'19" Right		
Degree of Curvature(Arc): 114°35'30"			Degree of Curvature(Arc): 76°23'40"			Degree of Curvature(Arc): 81°51'04"		
Length: 65.3319'			Length: 77.0379'			Length: 143.8041'		
Tangent: 38.2727'			Tangent: 42.3057'			Tangent: 115.8236'		
Chord: 60.7825'			Chord: 73.6956'			Chord: 119.8175'		
Back Tangent Direction: N 67°17'11" W			Back Tangent Direction: S 37°50'55" W			Back Tangent Direction: S 21°00'14" E		
Chord Direction: S 75°16'52" W			Chord Direction: S 8°25'20" W			Chord Direction: S 37°50'55" W		
Ahead Tangent Direction: S 37°50'55" W			Ahead Tangent Direction: S 21°00'14" E			Ahead Tangent Direction: S 37°50'55" W		

ALIGNMENT DATA BASELINE 'C'

STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING
PC C0-00.0000	50906.5667	50437.8037	PC A7-81.1961	50518.4520	49853.8552	PC C1-68.57	50749.0493	50383.5507
PI C0-12.00	50894.6260	50436.6127	PI A8-23.5018	50523.3888	49811.8386	PI C1-68.57	50925.6909	50125.1581
CC C0-01.96	50815.0599	50428.6767	CC A8-58.2340	50443.9644	49845.1033	CC C1-68.57	50925.6909	50125.1581
PT C1-68.57	50749.0493	50383.5507	Radius: 75.0000'			Radius: 313.000'		
Delta: 28°39'41" Right			Delta: 58°51'09" Left			Delta: 28°39'41" Right		
Degree of Curvature(Arc): 18°18'19"			Degree of Curvature(Arc): 76°23'40"			Degree of Curvature(Arc): 18°18'19"		
Length: 156.57'			Length: 77.0379'			Length: 156.57'		
Tangent: 79.96'			Tangent: 42.3057'			Tangent: 156.57'		
Chord: 154.95'			Chord: 73.6956'			Chord: 154.95'		
Back Tangent Direction: S 5°41'45" W			Back Tangent Direction: N 83°17'56" W			Back Tangent Direction: S 5°41'45" W		
Chord Direction: S 20°01'36" W			Chord Direction: S 67°16'30" W			Chord Direction: S 20°01'36" W		
Ahead Tangent Direction: S 34°21'26" W			Ahead Tangent Direction: S 37°50'55" W			Ahead Tangent Direction: S 34°21'26" W		

LEGEND



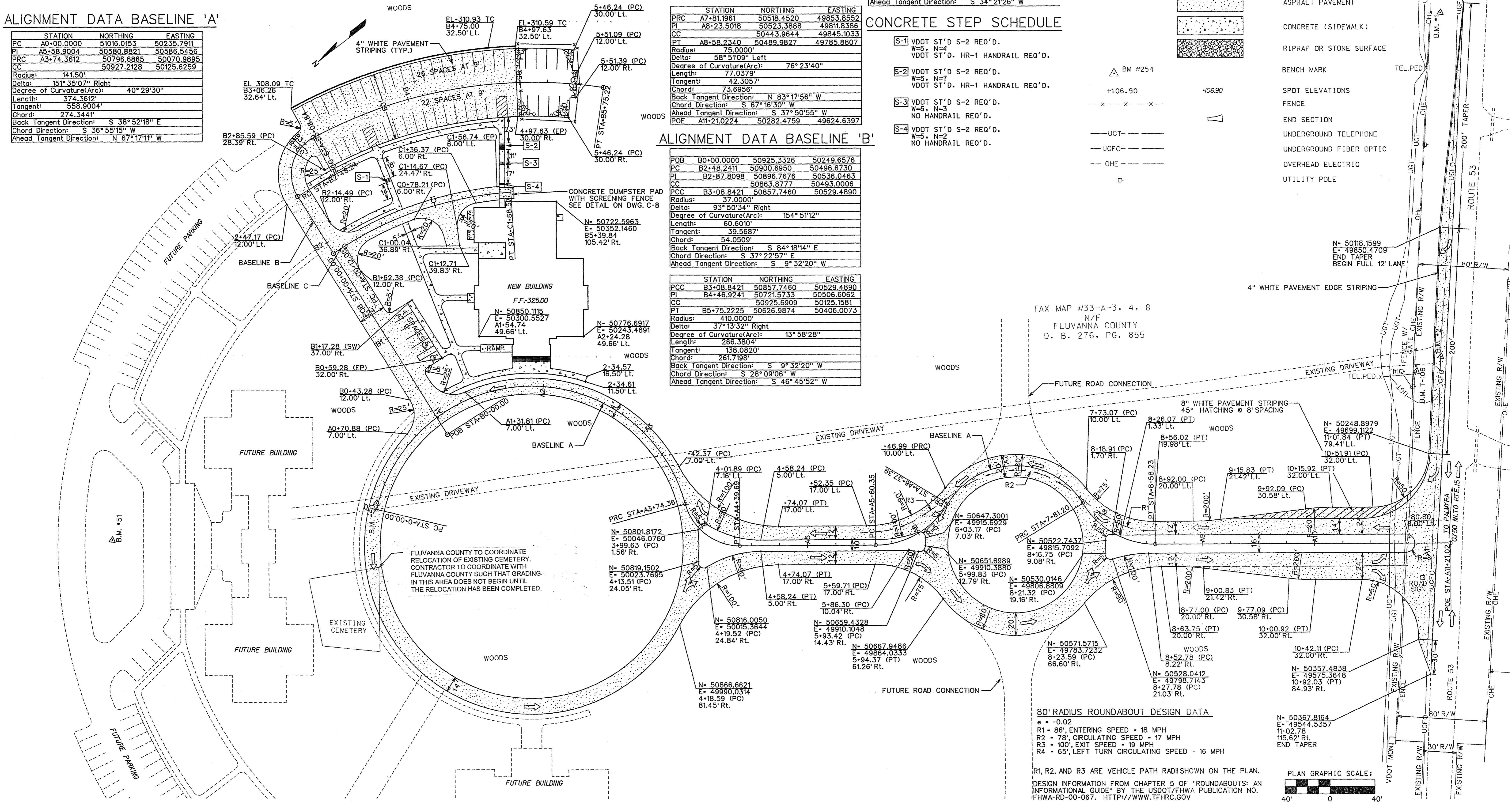
ALIGNMENT DATA BASELINE 'A'

STATION	NORTHING	EASTING
PC A0-00.0000	51016.0153	50235.7911
PI A5-58.9004	50580.8821	50586.5456
CC A3-74.3612	50796.6865	50070.9895
PT A4-39.6931	50927.2128	50125.6259
Radius: 141.50'		
Delta: 151°35'07" Right		
Degree of Curvature(Arc): 40°29'30"		
Length: 374.3612'		
Tangent: 558.9004'		
Chord: 274.3441'		
Back Tangent Direction: S 38°52'18" E		
Chord Direction: S 36°55'15" W		
Ahead Tangent Direction: N 67°17'11" W		

ALIGNMENT DATA BASELINE 'B'

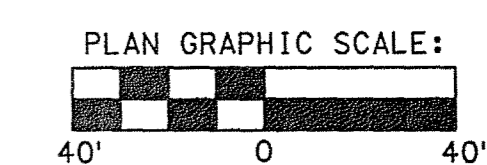
STATION	NORTHING	EASTING	STATION	NORTHING	EASTING
PC B0-00.0000	50925.3326	50249.6576	PC B2-48.2411	50900.6950	50496.6730
PI B2-48.2411	50900.6950	50496.6730	PI B2-87.8098	50896.7676	50536.0463
CC B2-87.8098	50896.7676	50536.0463	CC B3-08.8421	50857.7460	50529.4890
PT B5-75.2225	50626.9874	50406.0073	Radius: 37.0000'		
Delta: 93°50'34" Right			Delta: 93°50'34" Right		
Degree of Curvature(Arc): 154°51'12"			Degree of Curvature(Arc): 154°51'12"		
Length: 60.6010'			Length: 60.6010'		
Tangent: 39.5687'			Tangent: 39.5687'		
Chord: 54.0509'			Chord: 54.0509'		
Back Tangent Direction: S 84°18'14" E			Back Tangent Direction: S 84°18'14" E		
Chord Direction: S 37°22'57" E			Chord Direction: S 37°22'57" E		
Ahead Tangent Direction: S 9°32'20" W			Ahead Tangent Direction: S 9°32'20" W		

STATION	NORTHING	EASTING	STATION	NORTHING	EASTING
PCC B3-08.8421	50857.7460	50529.4890	PCC B4-46.9241	50721.5733	50506.6062
PI B4-46.9241	50721.5733	50506.6062	CC B5-75.2225	50626.9874	50406.0073
CC B5-75.2225	50626.9874	50406.0073	PT B5-75.2225	50626.9874	50406.0073
Radius: 410.0000'			Radius: 410.0000'		
Delta: 37°13'32" Right			Delta: 37°13'32" Right		
Degree of Curvature(Arc): 13°58'28"			Degree of Curvature(Arc): 13°58'28"		
Length: 266.3804'			Length: 266.3804'		
Tangent: 138.0820'			Tangent: 138.0820'		
Chord: 261.7198'			Chord: 261.7198'		
Back Tangent Direction: S 9°32'20" W			Back Tangent Direction: S 9°32'20" W		
Chord Direction: S 28°09'06" W			Chord Direction: S 28°09'06" W		
Ahead Tangent Direction: S 46°45'52" W			Ahead Tangent Direction: S 46°45'52" W		

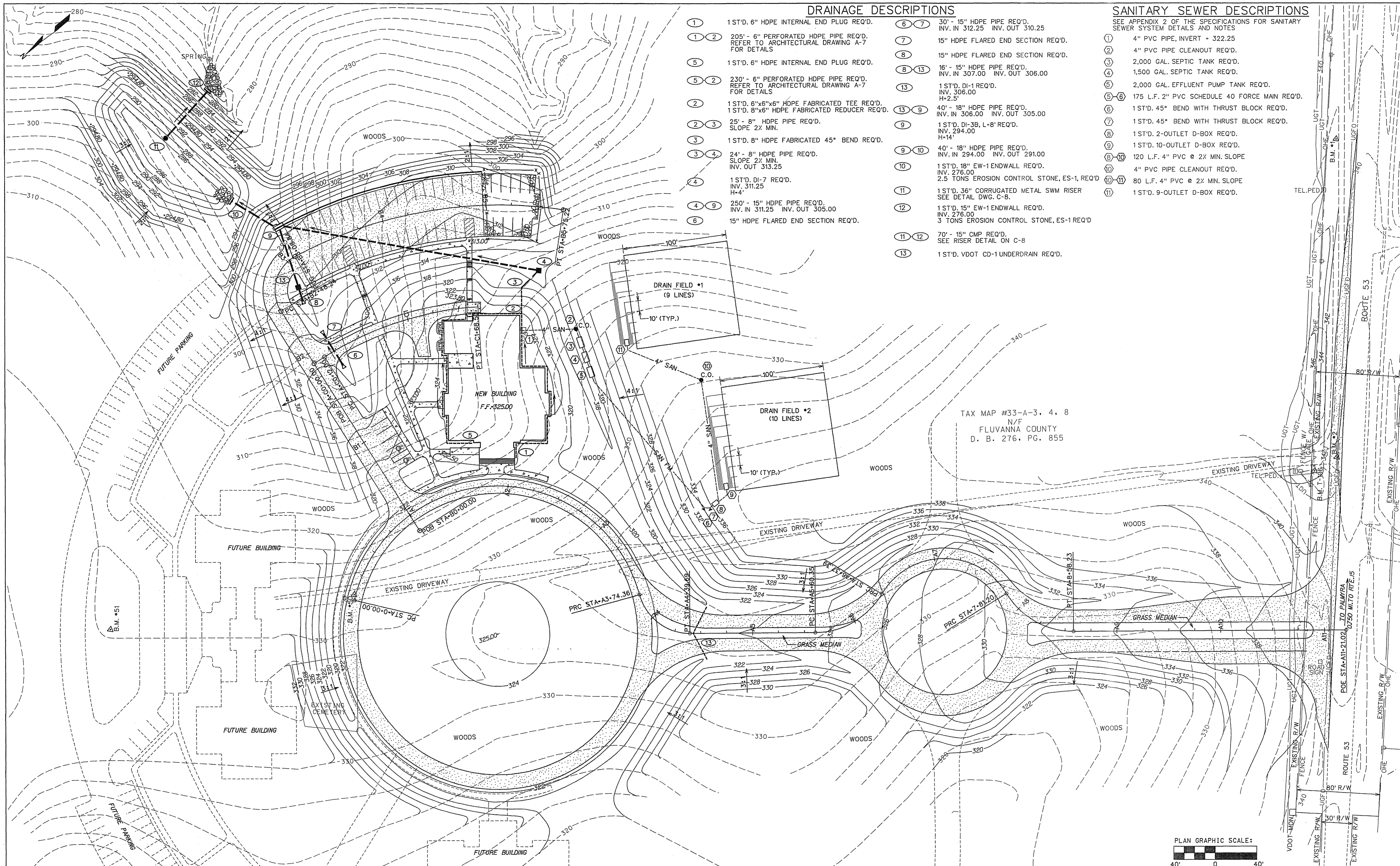


TAX MAP #33-A-3, 4, 8
N/F
FLUVANNA COUNTY
D. B. 276, PG. 855

80' RADIUS ROUNDABOUT DESIGN DATA
e = -0.02
R1 - 86', ENTERING SPEED - 18 MPH
R2 - 78', CIRCULATING SPEED - 17 MPH
R3 - 100', EXIT SPEED - 19 MPH
R4 - 65', LEFT TURN CIRCULATING SPEED - 16 MPH



		Wiley & Wilson ARCHITECTS ENGINEERS PLANNERS 2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA 24501 P.O. BOX 877 LYNCHBURG, VIRGINIA 24505-0877		DESIGNED: MPM CHECKED: FWK COMM. NO.: 201087.00 CADD NO.: DATE: 10/26/01	DRAWN: MPM REVIEWED: RCG FILE NO.: TITLE: CIVIL DWG. NO.: C-1	PROJECT: FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA REFERENCE: CIVIL SHEET NO.: 2 OF 48
REV.	DATE	BY	APP.	DESCRIPTION	DATE	REV.



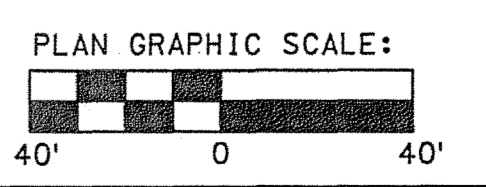
DRAINAGE DESCRIPTIONS

- ① 1ST'D. 6" HDPE INTERNAL END PLUG REQ'D.
- ① ② 205' - 6" PERFORATED HDPE PIPE REQ'D. REFER TO ARCHITECTURAL DRAWING A-7 FOR DETAILS
- ⑤ 1ST'D. 6" HDPE INTERNAL END PLUG REQ'D.
- ⑤ ② 230' - 6" PERFORATED HDPE PIPE REQ'D. REFER TO ARCHITECTURAL DRAWING A-7 FOR DETAILS
- ② 1ST'D. 6"x6"x6" HDPE FABRICATED TEE REQ'D. 1ST'D. 8"x6" HDPE FABRICATED REDUCER REQ'D.
- ② ③ 25' - 8" HDPE PIPE REQ'D. SLOPE 2% MIN.
- ③ 1ST'D. 8" HDPE FABRICATED 45° BEND REQ'D.
- ③ ④ 24' - 8" HDPE PIPE REQ'D. SLOPE 2% MIN. INV. OUT 313.25
- ④ 1ST'D. DI-7 REQ'D. H=4'
- ④ ⑨ 250' - 15" HDPE PIPE REQ'D. INV. IN 311.25 INV. OUT 305.00
- ⑥ 15" HDPE FLARED END SECTION REQ'D.
- ⑥ ⑦ 30' - 15" HDPE PIPE REQ'D. INV. IN 312.25 INV. OUT 310.25
- ⑦ 15" HDPE FLARED END SECTION REQ'D.
- ⑧ 15" HDPE FLARED END SECTION REQ'D.
- ⑧ ⑬ 16' - 15" HDPE PIPE REQ'D. INV. IN 307.00 INV. OUT 306.00
- ⑬ 1ST'D. DI-1 REQ'D. INV. 306.00 H=2.5'
- ⑬ ⑨ 40' - 18" HDPE PIPE REQ'D. INV. IN 306.00 INV. OUT 305.00
- ⑨ 1ST'D. DI-3B, L-8' REQ'D. INV. 294.00 H=14'
- ⑨ ⑩ 40' - 18" HDPE PIPE REQ'D. INV. IN 294.00 INV. OUT 291.00
- ⑩ 1ST'D. 18" EW-1 ENDWALL REQ'D. INV. 276.00 2.5 TONS EROSION CONTROL STONE, ES-1 REQ'D
- ⑩ ⑪ 1ST'D. 36" CORRUGATED METAL SWM RISER SEE DETAIL DWG. C-8.
- ⑪ 1ST'D. 15" EW-1 ENDWALL REQ'D. INV. 276.00 3 TONS EROSION CONTROL STONE, ES-1 REQ'D
- ⑪ ⑫ 70' - 15" CMP REQ'D. SEE RISER DETAIL ON C-8
- ⑬ 1ST'D. VDOT CD-1 UNDERDRAIN REQ'D.

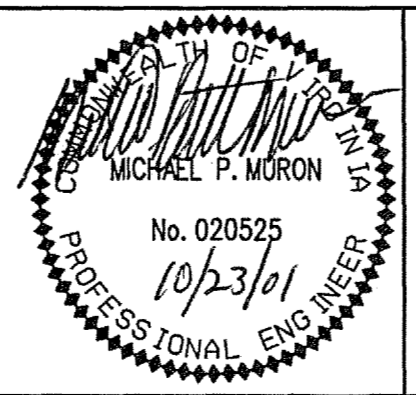
SANITARY SEWER DESCRIPTIONS

- SEE APPENDIX 2 OF THE SPECIFICATIONS FOR SANITARY SEWER SYSTEM DETAILS AND NOTES
- ① 4" PVC PIPE, INVERT = 322.25
 - ② 4" PVC PIPE CLEANOUT REQ'D.
 - ③ 2,000 GAL. SEPTIC TANK REQ'D.
 - ④ 1,500 GAL. SEPTIC TANK REQ'D.
 - ⑤ 2,000 GAL. EFFLUENT PUMP TANK REQ'D.
 - ⑤ ⑥ 175 L.F. 2" PVC SCHEDULE 40 FORCE MAIN REQ'D.
 - ⑥ 1ST'D. 45° BEND WITH THRUST BLOCK REQ'D.
 - ⑦ 1ST'D. 45° BEND WITH THRUST BLOCK REQ'D.
 - ⑧ 1ST'D. 2-OUTLET D-BOX REQ'D.
 - ⑧ ⑨ 1ST'D. 10-OUTLET D-BOX REQ'D.
 - ⑧ ⑩ 120 L.F. 4" PVC @ 2% MIN. SLOPE
 - ⑩ ⑪ 4" PVC PIPE CLEANOUT REQ'D.
 - ⑩ ⑫ 80 L.F. 4" PVC @ 2% MIN. SLOPE
 - ⑪ 1ST'D. 9-OUTLET D-BOX REQ'D.

TAX MAP #33-A-3, 4, 8
N/F
FLUVANNA COUNTY
D. B. 276, PG. 855

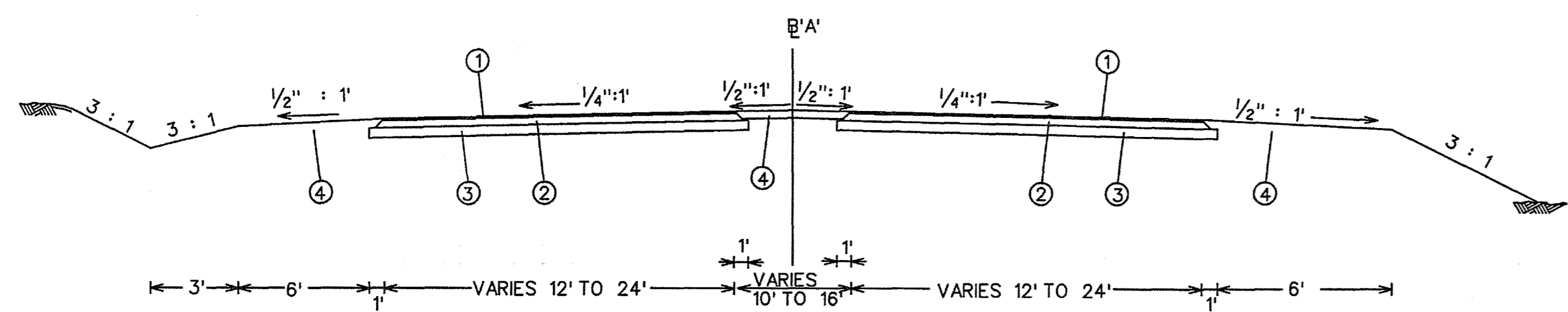


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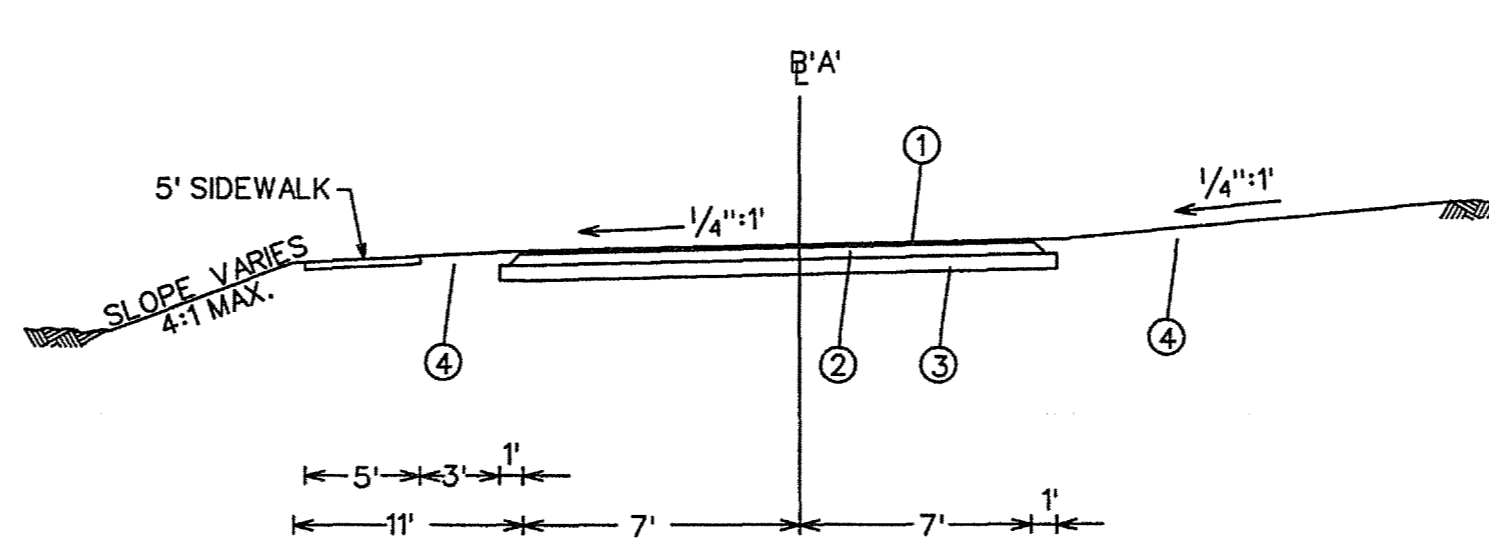


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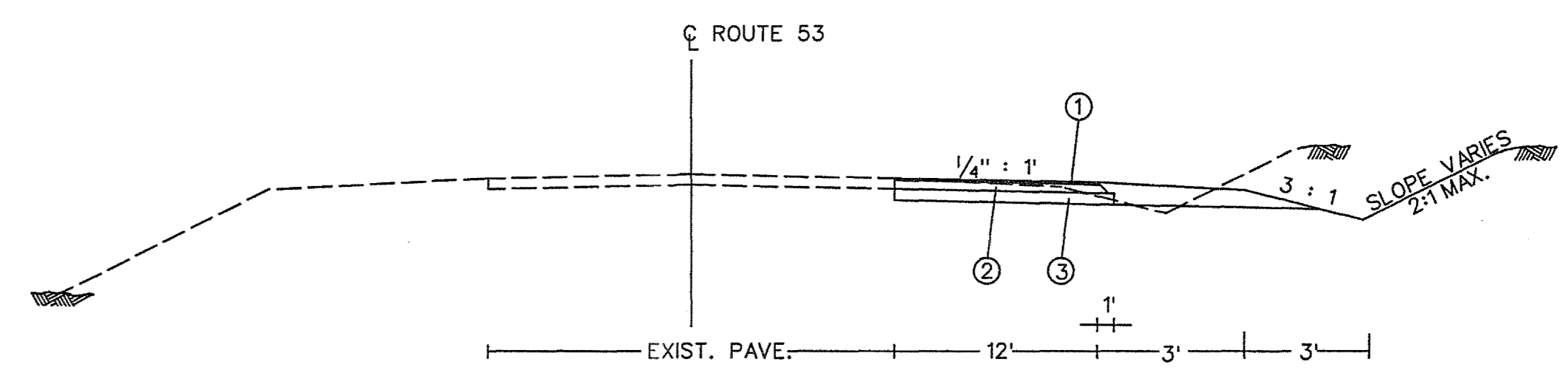
DESIGNED MPM	DRAWN MPM	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED FWK	REVIEWED RCG	REFERENCE CIVIL
COMM. NO. 201087.00	FILE NO.	TITLE GRADING PLAN
CADD NO.	DWG. NO. C-2	SHEET NO. 3 OF 48
DATE 10/26/01	REV. 0	



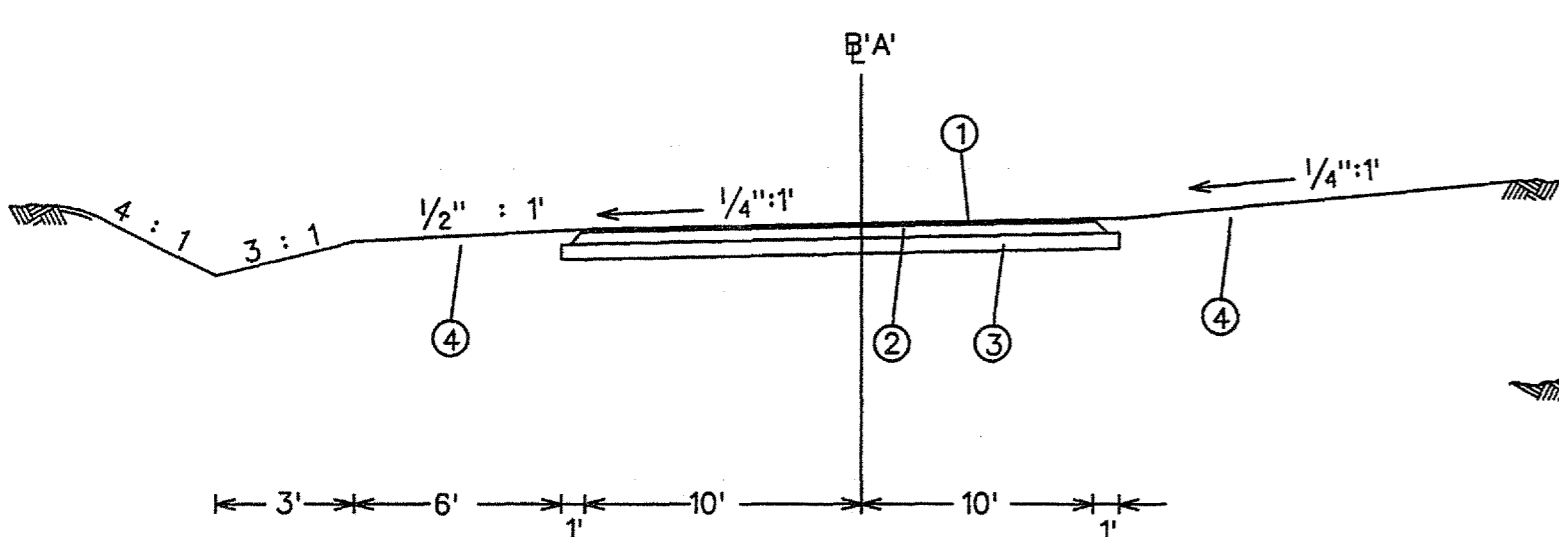
STATION A4+60 TO STATION A5+52
STATION A8+60 TO STATION A10+52
MAIN ENTRANCE ROAD BASELINE 'A'
NOT TO SCALE



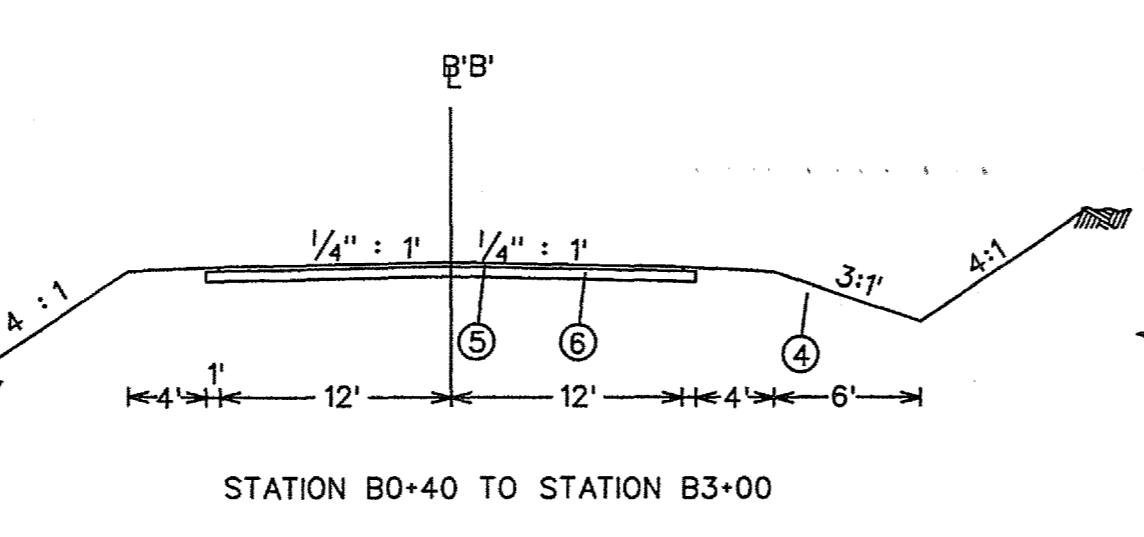
LARGE ROUNDABOUT WITH SIDEWALK
NOT TO SCALE



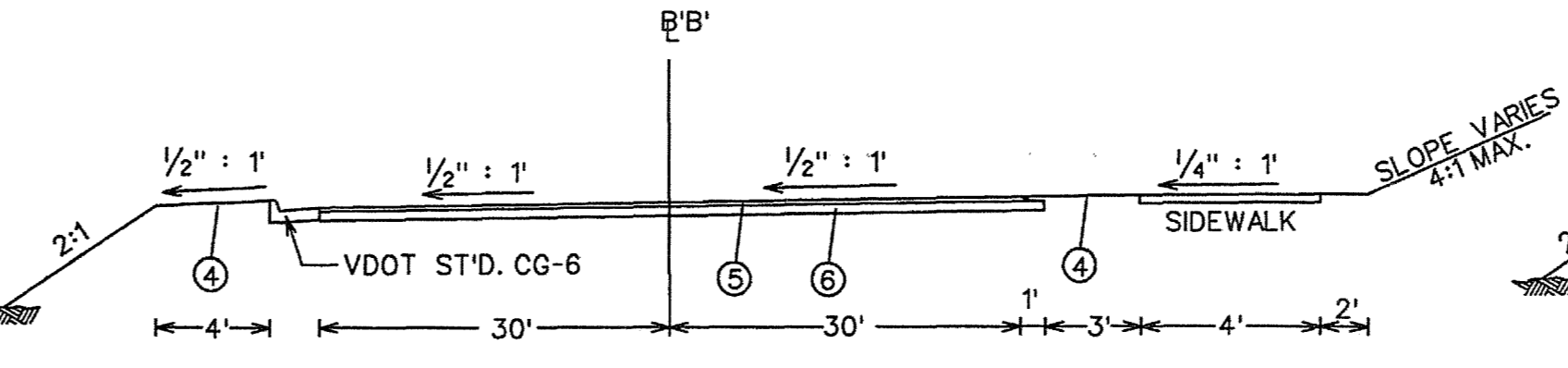
ROUTE 53 RIGHT TURN LANE
NOT TO SCALE



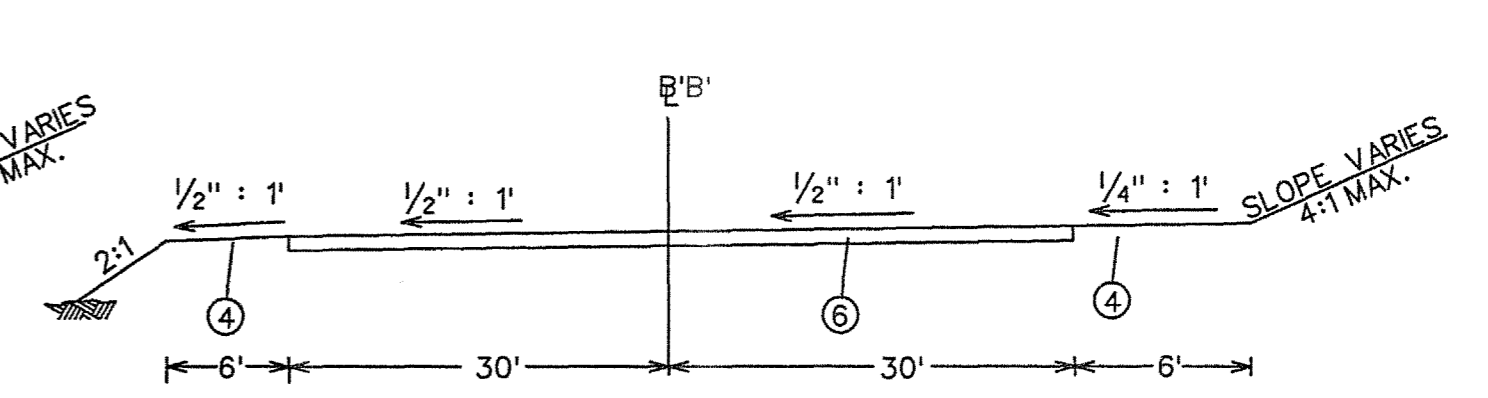
80' RADIUS ROUNDABOUT
NOT TO SCALE



STATION B0+40 TO STATION B3+00
BASELINE 'B' DRIVEWAY
NOT TO SCALE

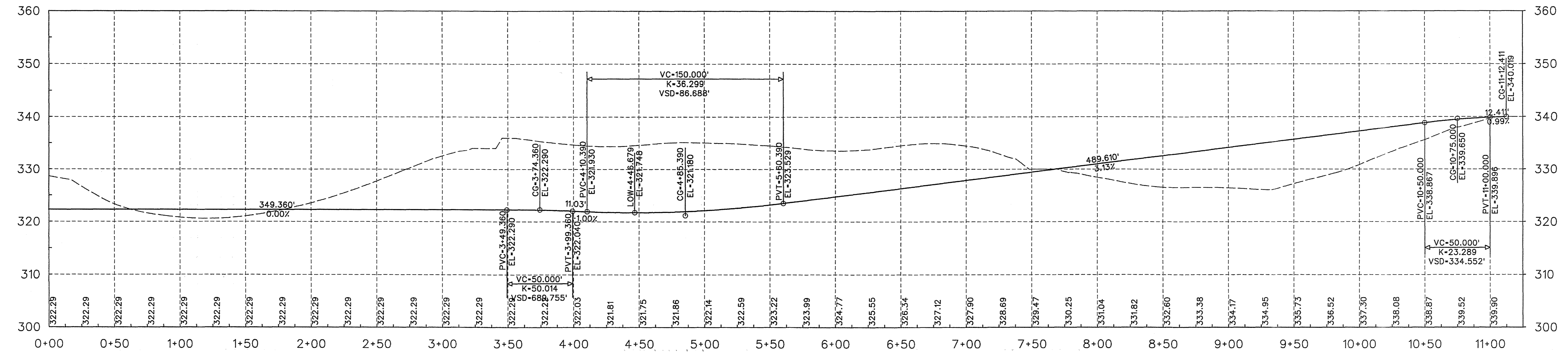
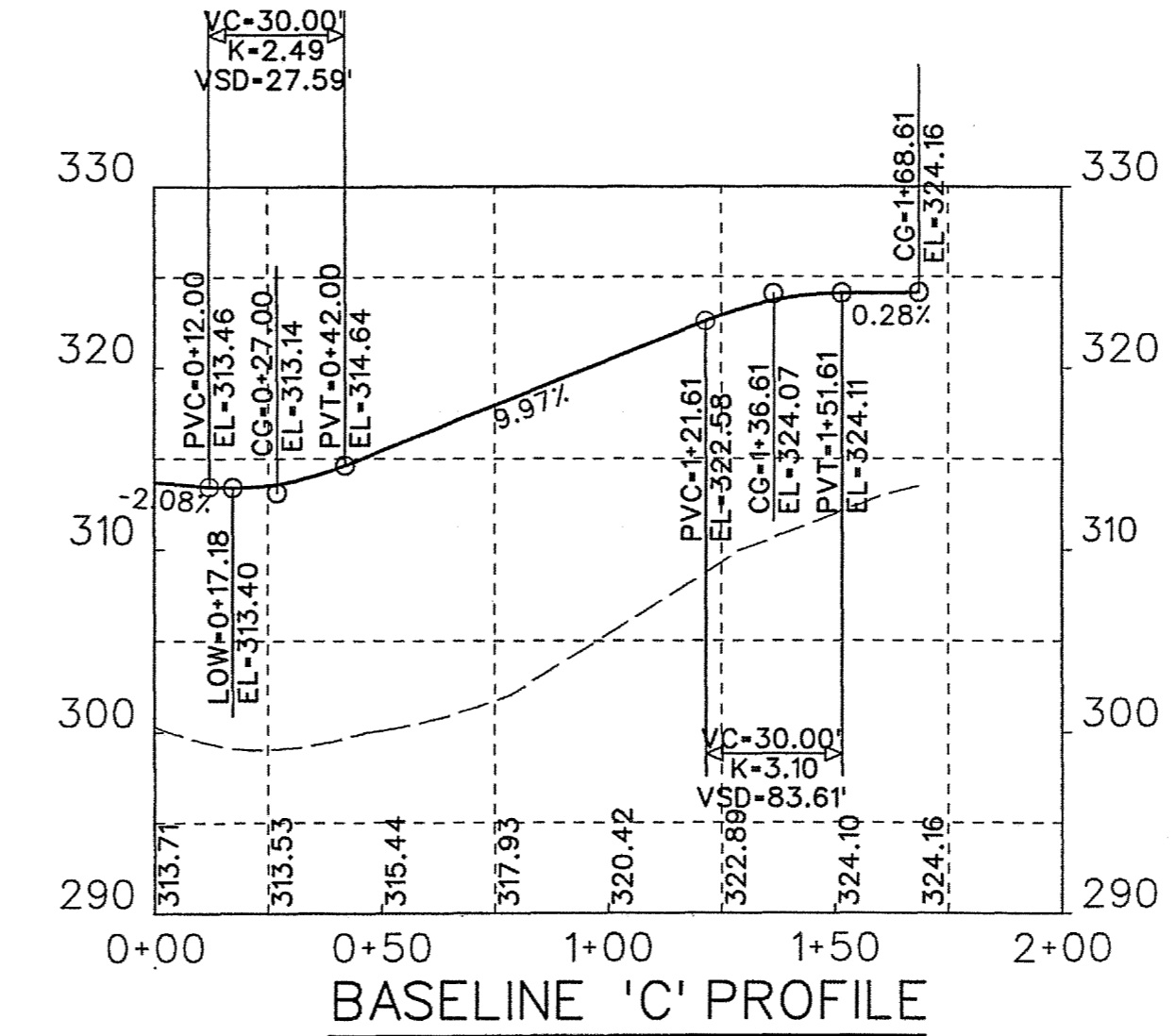
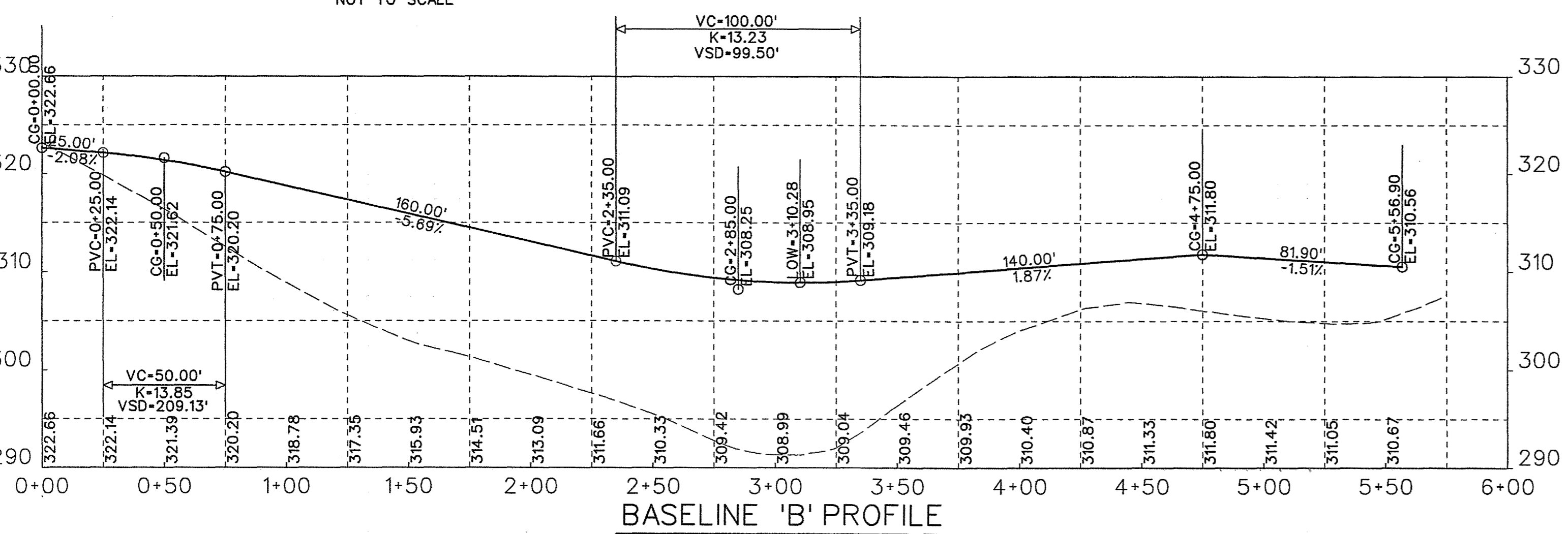
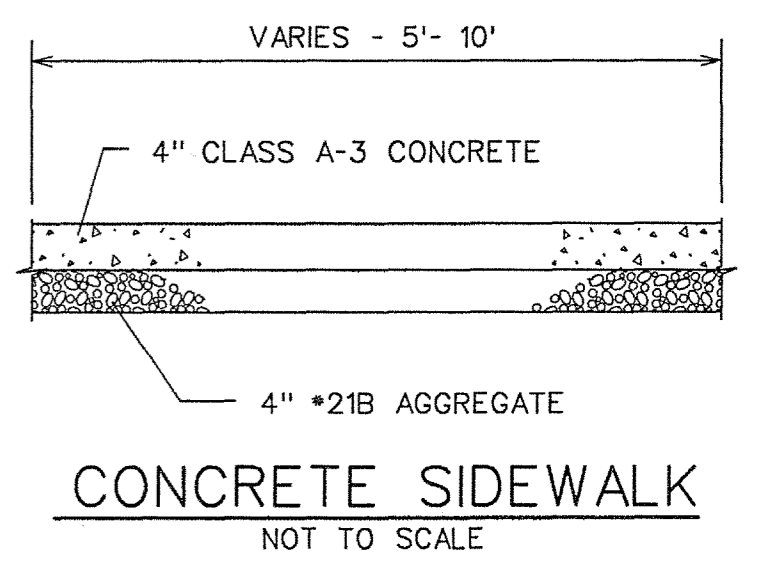


STATION B3+00 TO STATION B4+97.63
BASELINE 'B' DRIVEWAY
NOT TO SCALE



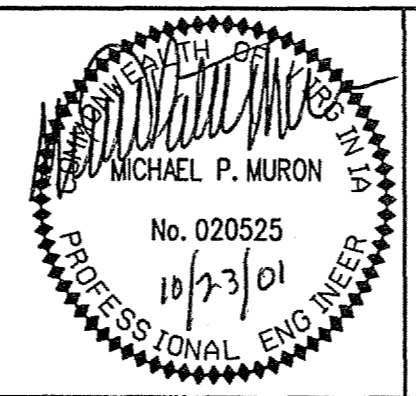
STATION B4+97.63 TO STATION B5+46
BASELINE 'B' DRIVEWAY
NOT TO SCALE

- TYPICAL SECTION LEGEND**
- ① 1/2" ASPHALT SURFACE COURSE TYPE SM-9.5A
 - ② 3" ASPHALT BASE COURSE TYPE BM-25
 - ③ 8" AGGREGATE BASE COURSE •21-B
 - ④ 4" TOPSOIL, SEED, AND MULCH
 - ⑤ 1/2" ASPHALT SURFACE COURSE TYPE SM-9.5A
 - ⑥ 6" AGGREGATE BASE COURSE •21-B



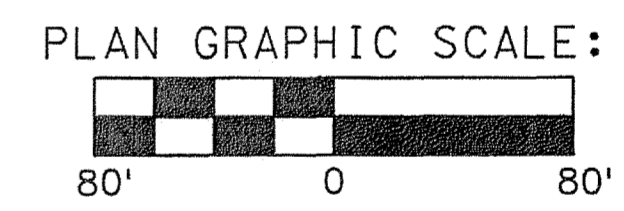
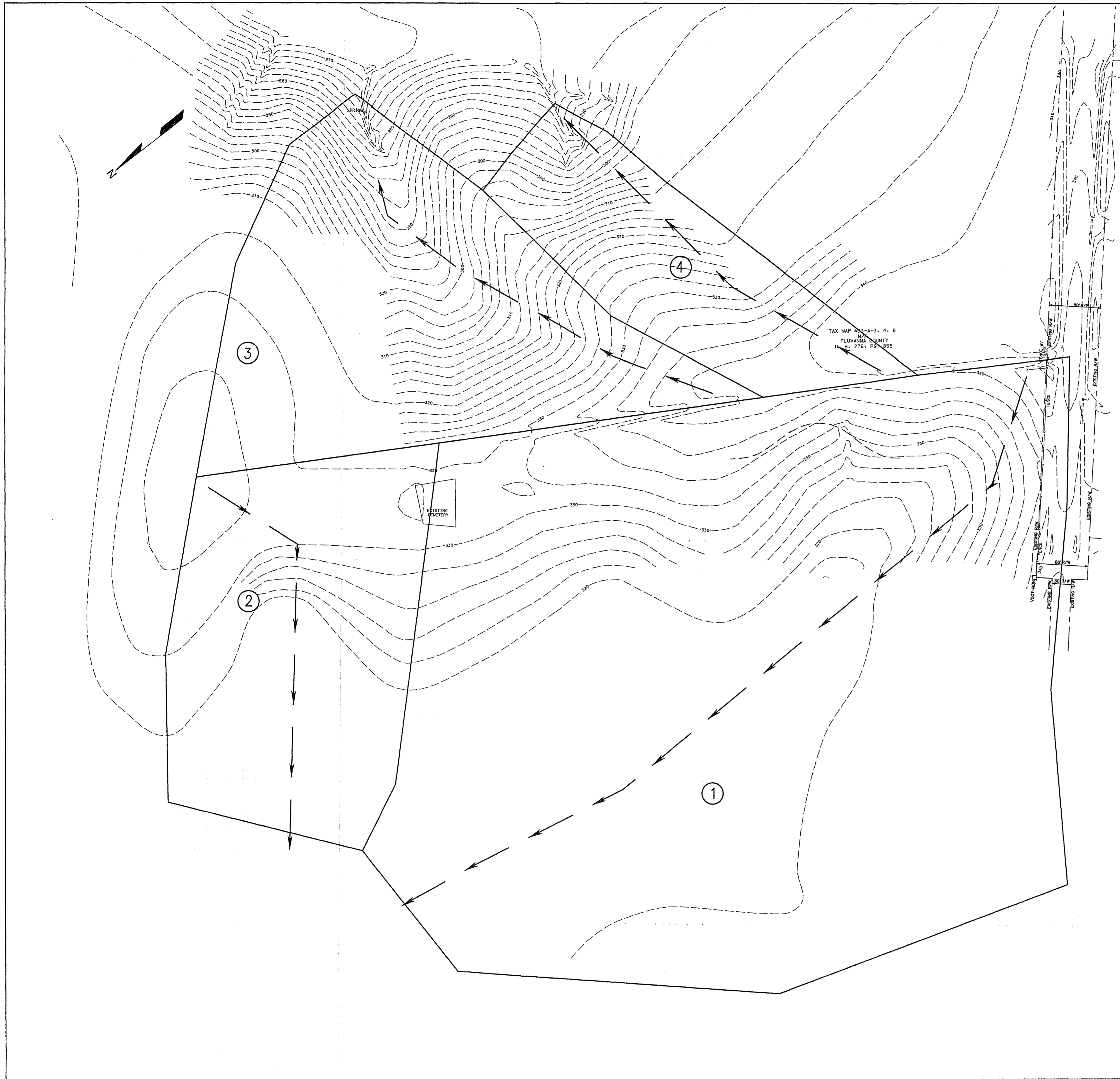
PLAN GRAPHIC SCALE:
40' 0 40'
PROFILE: HORIZ: 1" = 40'
VERT: 1" = 10'

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2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA 24501
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COMM. NO. 201087.00	FILE NO.	TITLE TYP. SECTIONS & PROFILES
CADD NO. 201087C3.DGN	DATE 10/26/01	DWG. NO. C-3
		SHEET NO. 4 OF 48
		REV. 0

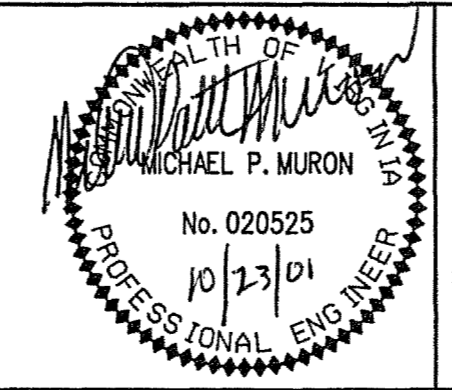


PRE-DEVELOPMENT TR-55 SUMMARY

SUBAREA	SOIL GROUP	AREA (ACRES)	CN	Tc (MIN)
1	B	19.0	59	23
2	B	4.8	60	14
3	B	5.95	60	18
4	B	2.8	59	17
TOTAL = 32.55 ACRES				

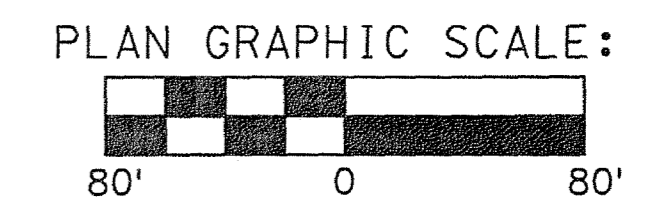
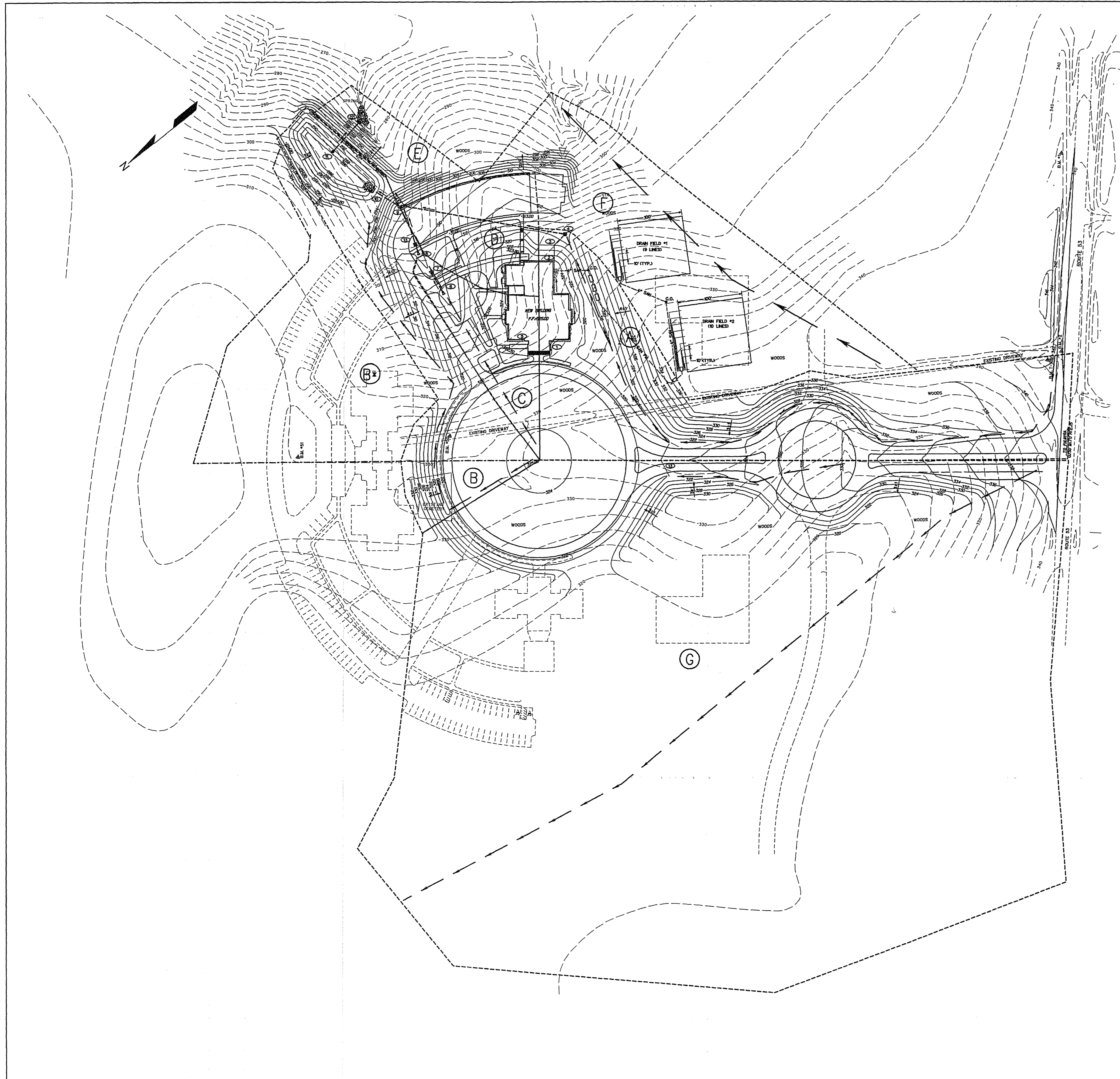
SUBAREA	2-YEAR STORM(CFS)	10-YEAR STORM(CFS)
1	6.11	28.16
2	2.37	9.53
3	2.50	10.96
4	1.09	5.06

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24501 24505-0877

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CHECKED FWK	REVIEWED RCG	REFERENCE CIVIL
COMM. NO. 201087.00	FILE NO.	TITLE PRE-DEVELOPED DRAINAGE AREAS
CADD NO.	DATE 10/26/01	DWG. NO. C-4
		SHEET NO 5 OF 48
		REV. 0



DEVELOPMENT TR-55 SUMMARY

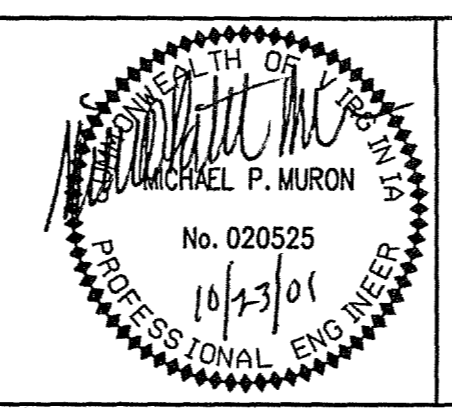
SUBAREA	SOIL GROUP	AREA (ACRES)	CN	Tc (MIN)
A	B	3.18	67	15
B	B	1.65	64	12
B*	B	3.30	70	12
C	B	0.62	74	9
D	B	0.67	81	6
E	B	0.41	61	8
F	B	2.35	61	17
G	B	17.6	59	20

NOTE: B* IS THE ULTIMATE DRAINAGE AREA THAT WILL BE ROUTED TO THE SWM POND DURING AND AFTER CONSTRUCTION OF THE FUTURE HEALTH AND SOCIAL SERVICES BUILDING. THIS AREA WAS USED FOR THE SIZING AND DESIGN OF THE SWM BASIN AND IN THE SEDIMENT CONTROL CALCULATIONS.

SUBAREA	2-YEAR STORM(CFS)	10-YEAR STORM(CFS)
SWM POND DISCHARGE	1.96	9.10
E	0.32	1.18
TOTAL	2.28	10.28
F	1.32	6.14
G	5.28	29.02

AREAS A, B*, C & D ARE DIRECTED TO THE SWM BASIN AND INTO THE EXISTING CHANNEL IN AREA #3. AREA E FLOWS TO THE SAME CHANNEL IN EXISTING AREA #3 BUT WAS UNABLE TO BE DIRECTED TO THE CHANNEL. THE EXISTING FLOWS IN THIS CHANNEL ARE 2.50 CFS AND 10.96 CFS FOR THE 2 AND 10 YEAR STORMS RESPECTIVELY. AREAS F & G ARE THE REMAINDER OF EXISTING AREAS 1 & 4 AND ARE NOT DIRECTED TO A SWM BASIN AT THE PRESENT TIME. AREAS F & G'S EXISTING FLOWS CAN BE SEEN ON DWG. NO. C-4.


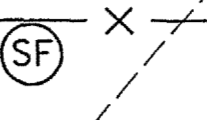
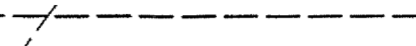

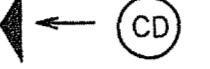
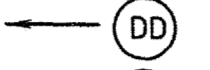
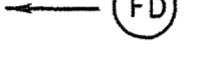

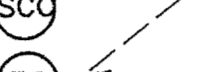



REV.	DATE	BY	APP.	DESCRIPTION

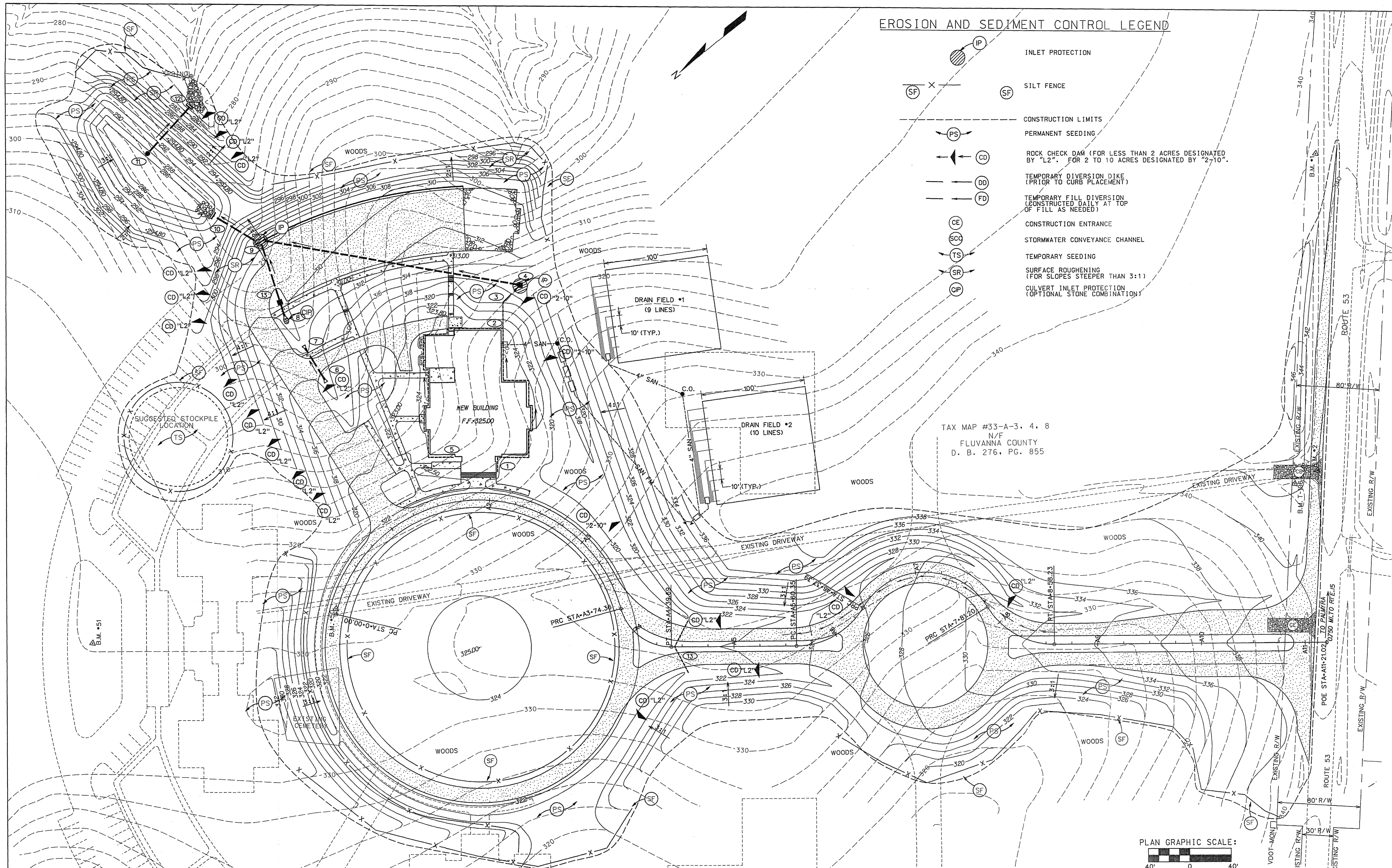


Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD P.O. BOX 877
LYNCHBURG, VIRGINIA LYNCHBURG, VIRGINIA
24501 24505-0877

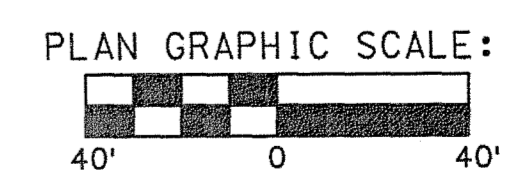
DESIGNED MPM	DRAWN MPM	PROJECT	FLUVANNA COUNTY
CHECKED FWK	REVIEWED RCG		NEW PUBLIC SAFETY BUILDING
COMM. NO. 201087.00	FILE NO.	REFERENCE	FLUVANNA COUNTY, VA
CADD NO.		TITLE	CIVIL
DATE 10/26/01	DWG. NO. C-5	SHEET NO. 6 OF 48	REV. 0

EROSION AND SEDIMENT CONTROL LEGEND

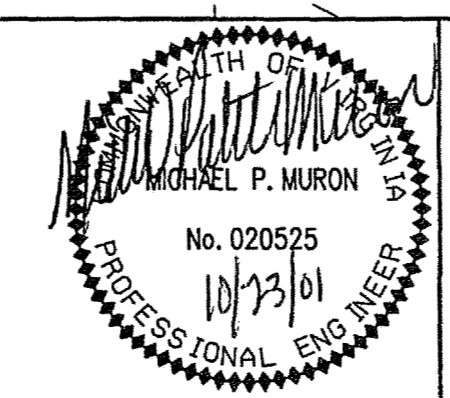
-  INLET PROTECTION
-  SILT FENCE
-  CONSTRUCTION LIMITS
-  PERMANENT SEEDING
-  ROCK CHECK DAM (FOR LESS THAN 2 ACRES DESIGNATED BY "L2". FOR 2 TO 10 ACRES DESIGNATED BY "2-10".)
-  TEMPORARY DIVERSION DIKE (PRIOR TO CURB PLACEMENT)
-  TEMPORARY FILL DIVERSION (CONSTRUCTED DAILY AT TOP OF FILL AS NEEDED)
-  CONSTRUCTION ENTRANCE
-  STORMWATER CONVEYANCE CHANNEL
-  TEMPORARY SEEDING
-  SURFACE ROUGHENING (FOR SLOPES STEEPER THAN 3:1)
-  CULVERT INLET PROTECTION (OPTIONAL STONE COMBINATION)



TAX MAP #33-A-3, 4, 8
N/F
FLUVANNA COUNTY
D. B. 276, PG. 855



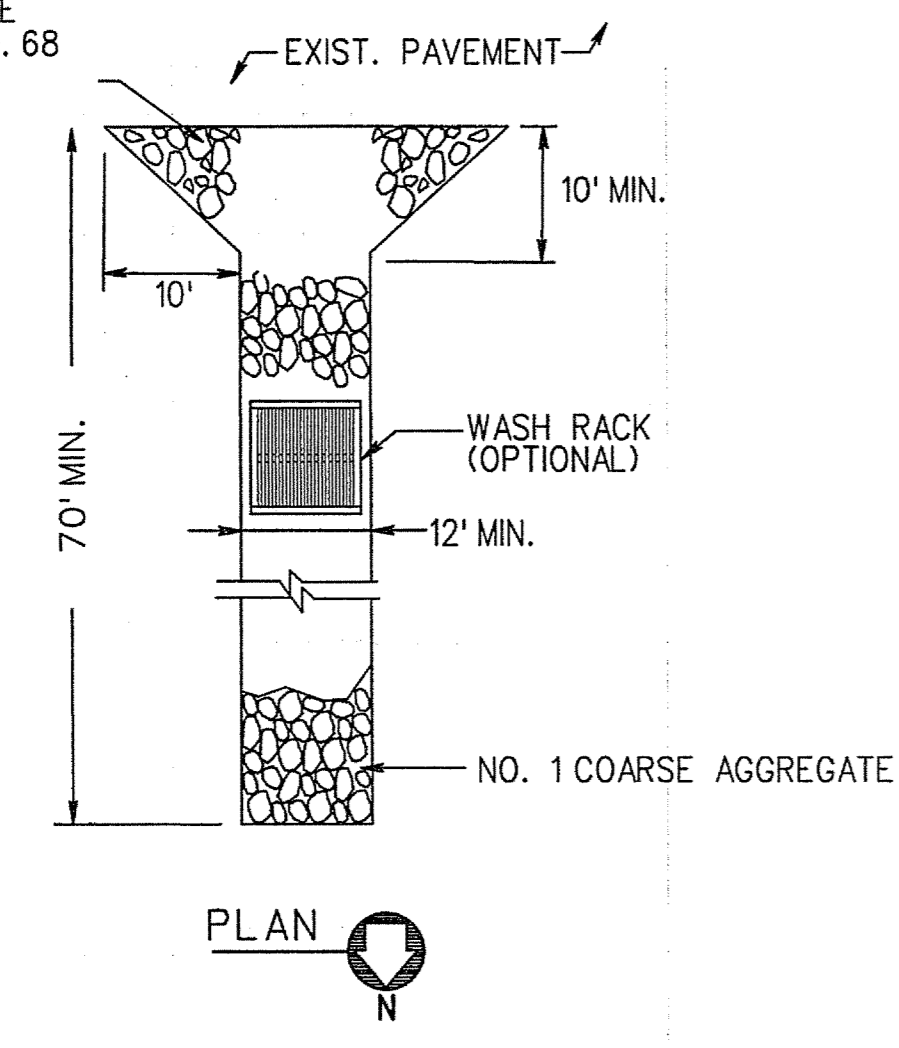
REV.	DATE	BY	APP.	DESCRIPTION



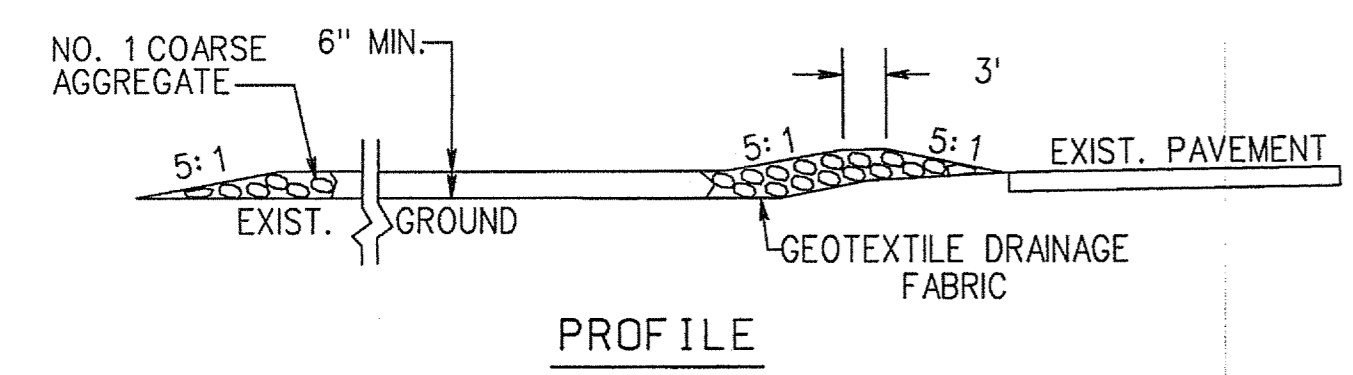
Wiley & Wilson
 ARCHITECTS ENGINEERS PLANNERS
 2310 LANGHORNE ROAD P.O. BOX 877
 LYNCHBURG, VIRGINIA LYNCHBURG, VIRGINIA
 24501 24505-0877

DESIGNED MPM	DRAWN MPM	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED FWK	REVIEWED RCG	REFERENCE CIVIL
COMM. NO. 201087.00	FILE NO.	TITLE EROSION AND SEDIMENT CONTROL PLAN
CADD NO.	DATE 10/26/01	DWG. NO. C-6
		SHEET NO. 7 OF 48
		REV. 0

CAP 10' MIN. TO CLOSEST EDGE OF EXIST. PAVEMENT WITH NO. 68 OR 78 AGGREGATE.



PLAN

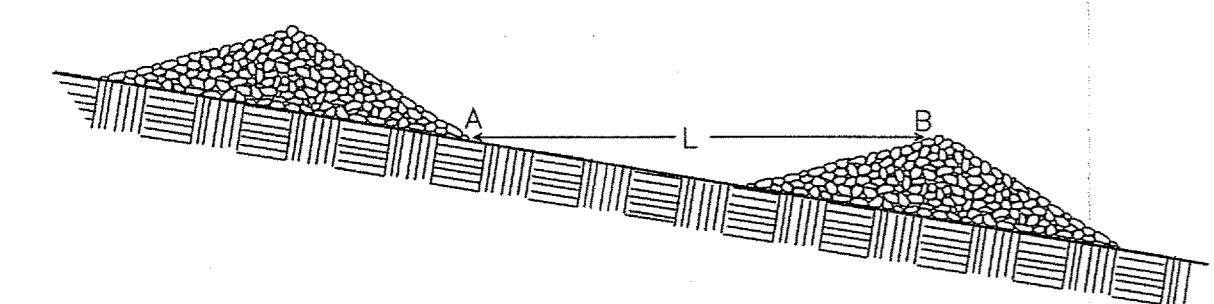


PROFILE

- SURFACE WATER SHALL BE PIPED UNDER THE CONSTRUCTION ENTRANCE. IF PIPING IS IMPRACTICABLE, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE ASPHALT PAVING. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE EXISTING ASPHALT SHALL BE REMOVED IMMEDIATELY.
- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO THE ASPHALT PAVEMENT. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER HEAVY USE AND EACH RAIN.

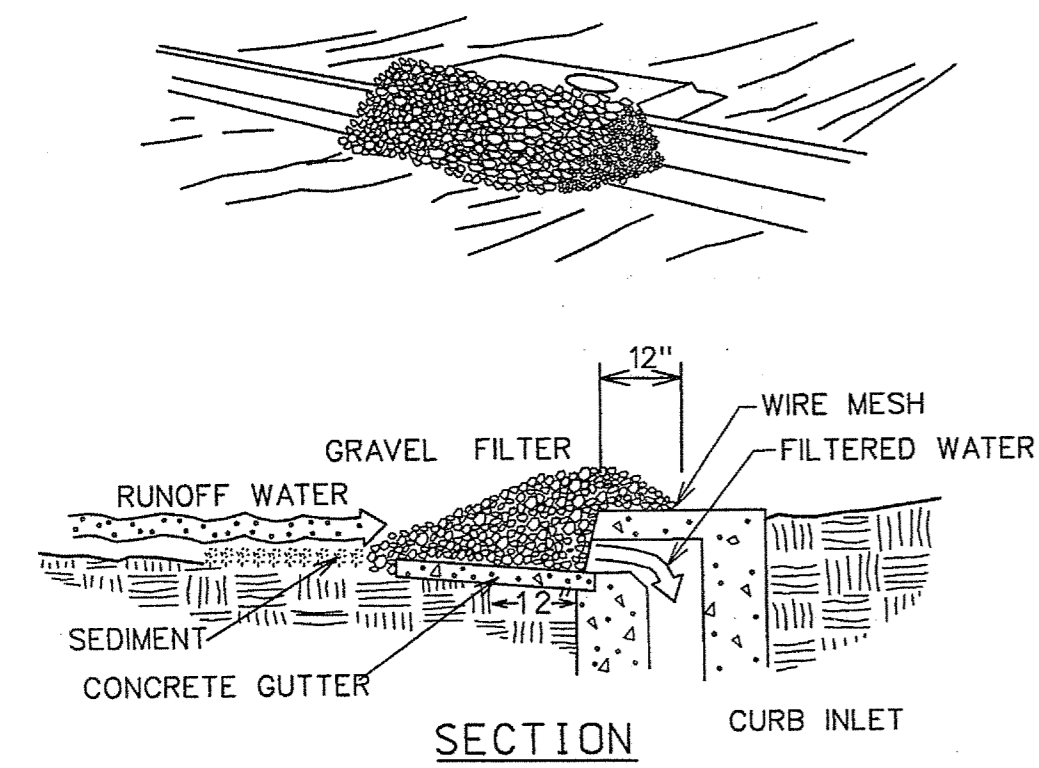
STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION



SPACING BETWEEN CHECK DAMS
NO SCALE

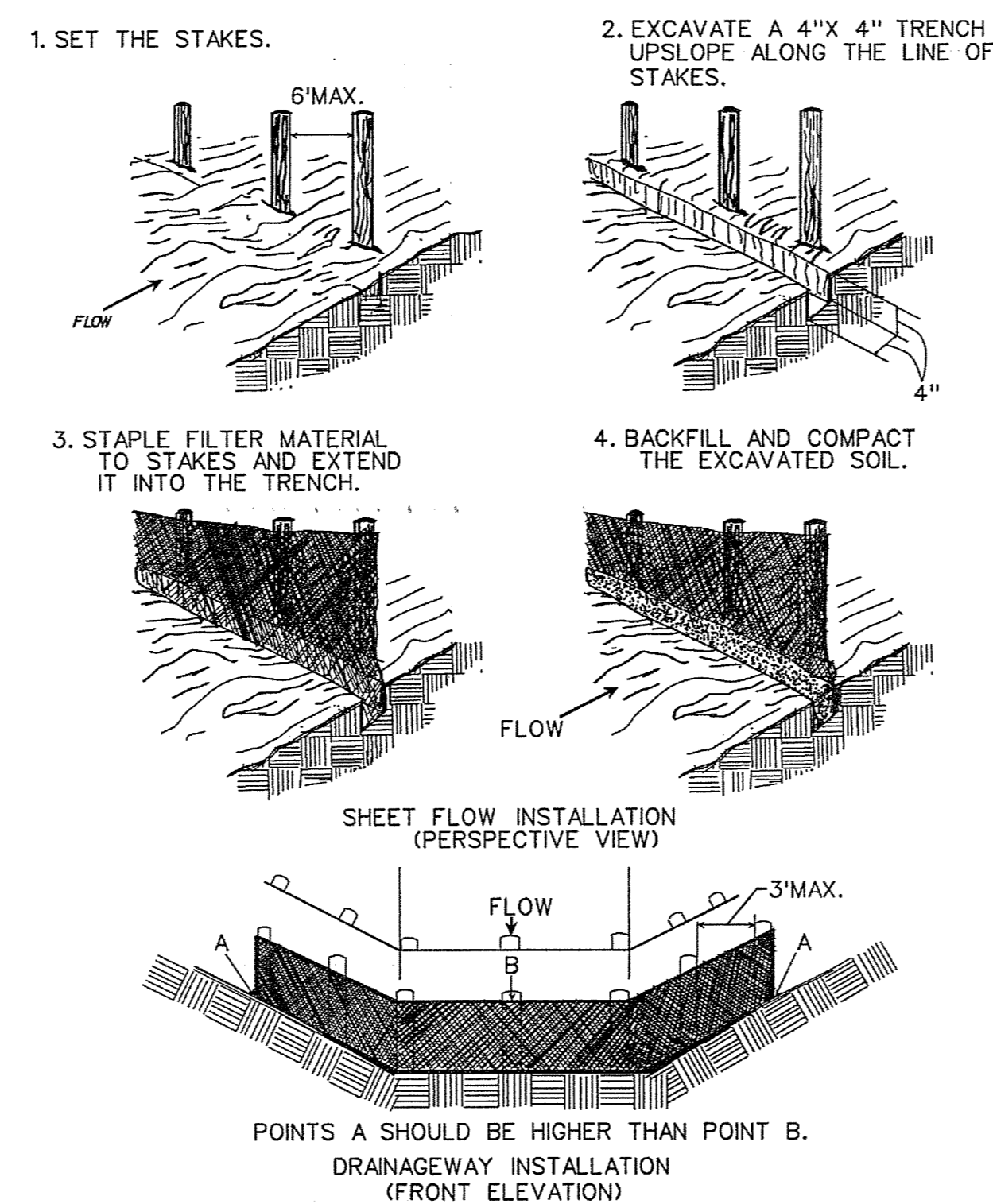
SOURCE: VA. DSWC PLATE. 3.20-2



SECTION

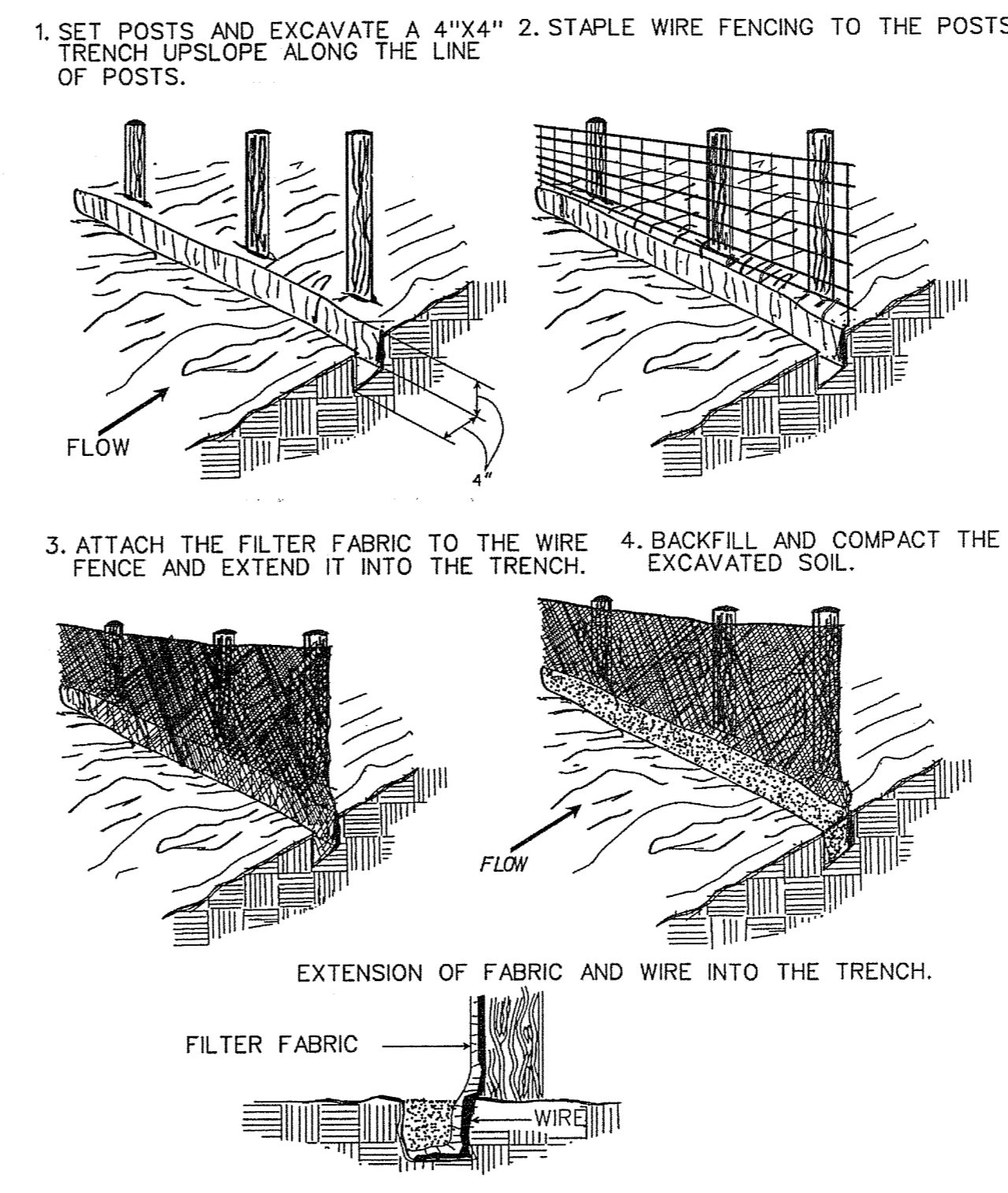
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLET

GRAVEL DROP INLET SILT TRAP
NO SCALE



CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)
NO SCALE

SOURCE: ADAPTED FROM INSTALLATION OF STRAW AND FABRIC FILTER BARRIERS FOR SEDIMENT CONTROL, VA. DSWC, SHERWOOD & WYANT, PLATE. 3.05-2

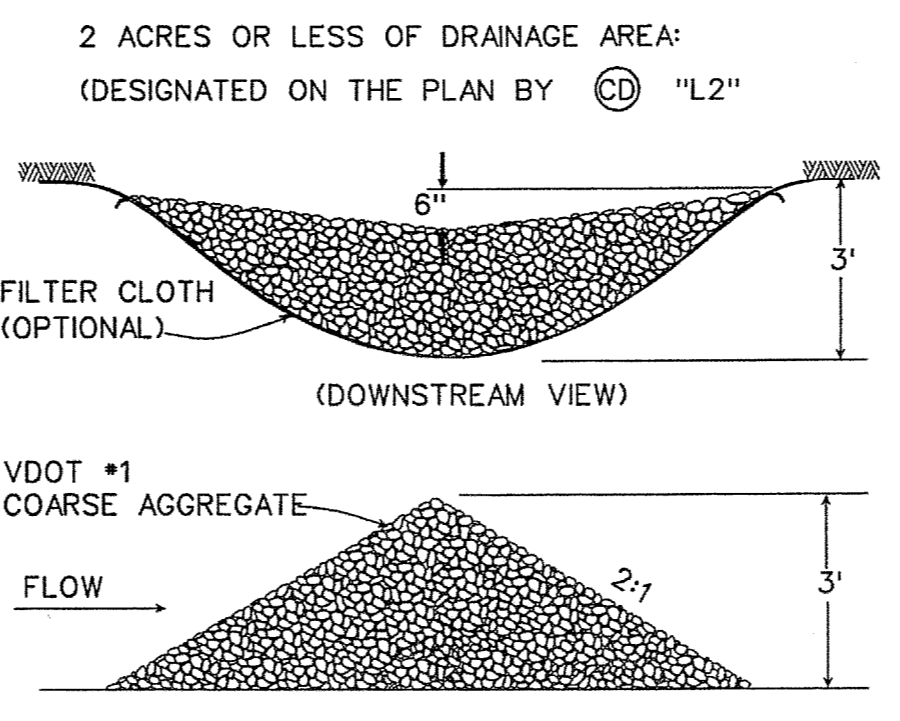


CONSTRUCTION OF A SILT FENCE (WITH WIRE SUPPORT)
NO SCALE

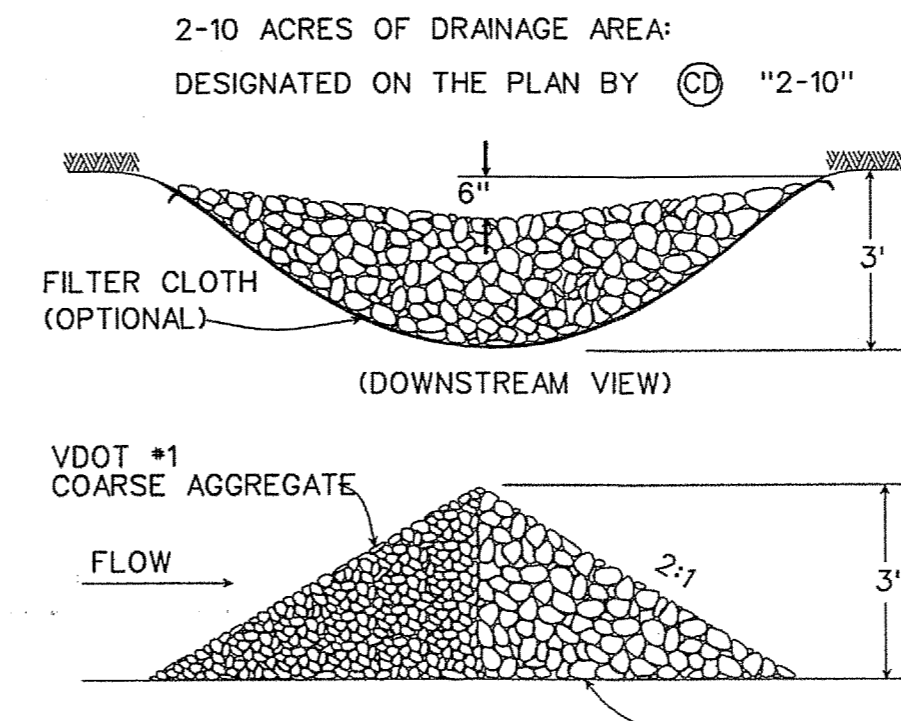
SOURCE: ADAPTED FROM INSTALLATION OF STRAW AND FABRIC FILTER BARRIERS FOR SEDIMENT CONTROL, VA. DSWC, SHERWOOD & WYANT, PLATE. 3.05-1

- SILT FENCE AND FILTER FABRIC MUST BE ENTRENCHED.
- POST FOR SILT FENCES SHALL BE EITHER 2.5 X 2 INCH DIAMETER WOOD OR 1.25 POUNDS PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 5 FEET. STEEL POST SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.
- WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT, A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.
- POST SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MIN. OF 12 INCHES). WHEN EXTRA STRENGTH FABRIC IS USED, WITHOUT THE WIRE SUPPORT FENCE, POST SHALL NOT EXCEED 6 FEET.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED, IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POST.
- SEDIMENT MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
- SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.

TEMPORARY SILT FENCE
NO SCALE



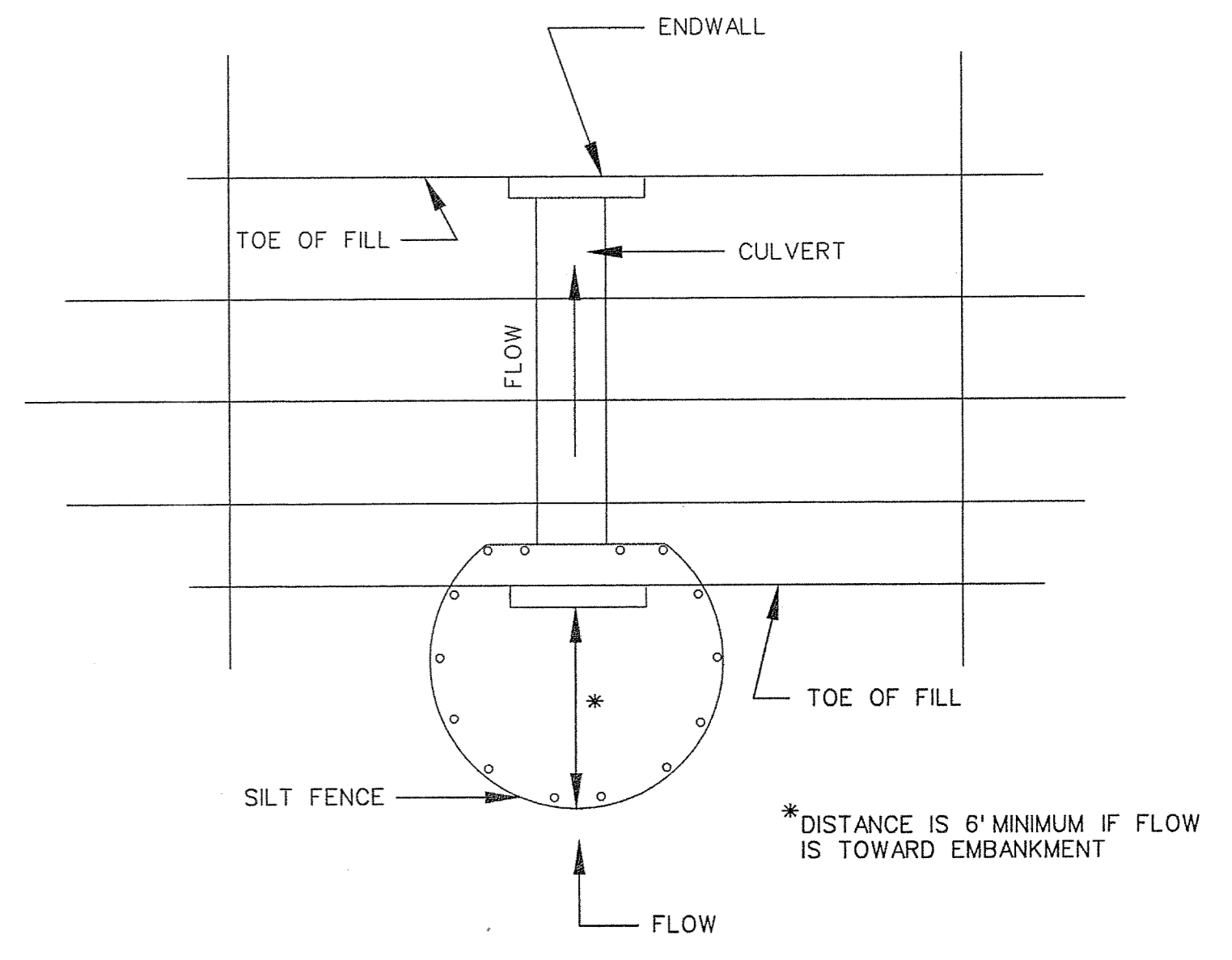
DOWNSTREAM VIEW



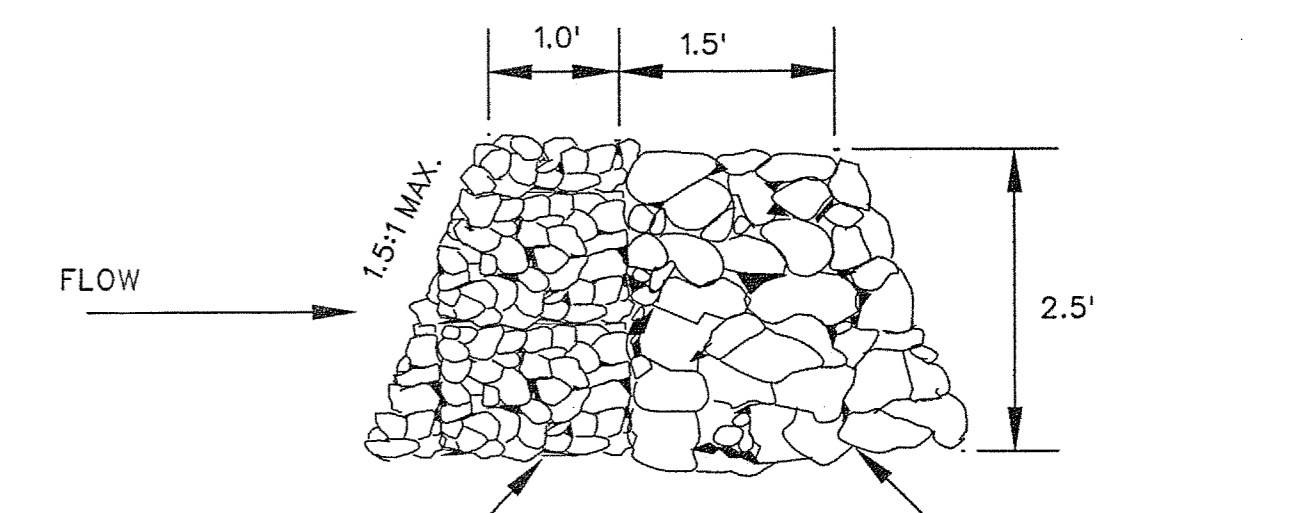
DOWNSTREAM VIEW

ROCK CHECK DAM
NO SCALE

SOURCE: VA. DSWC PLATE. 3.20-1



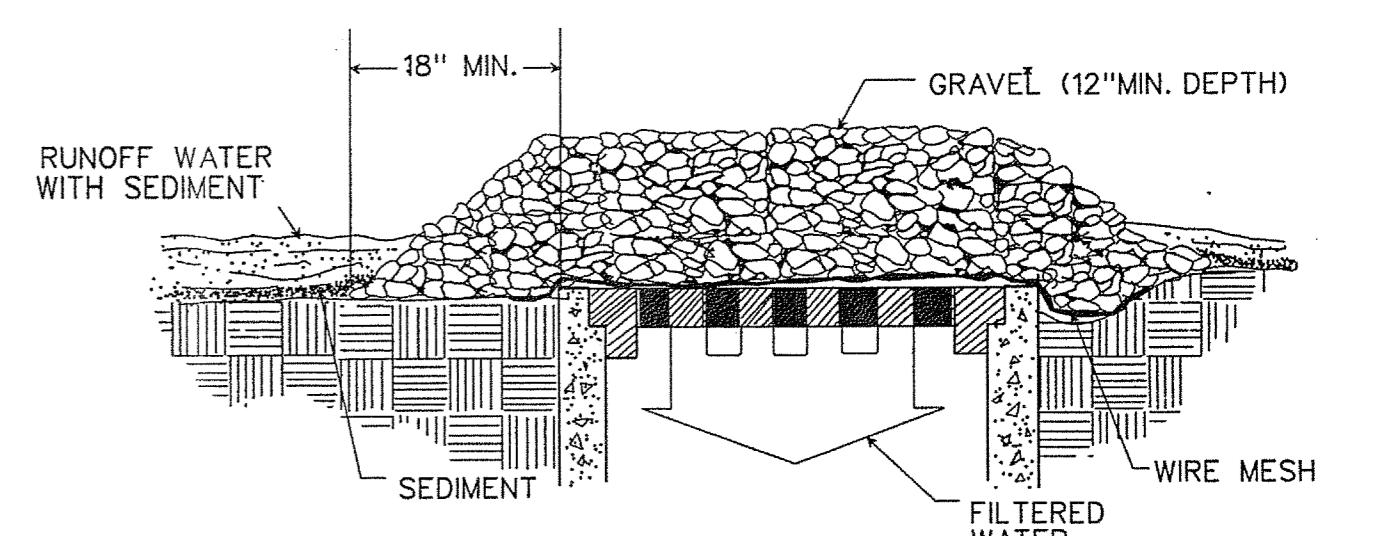
*DISTANCE IS 6' MINIMUM IF FLOW IS TOWARD EMBANKMENT



VDOT #3, #357, #5, #56 OR #57 COARSE AGGREGATE TO REPLACE SILT FENCE IN "HORSESHOE" WHEN HIGH VELOCITY OF FLOW IS EXPECTED

SILT FENCE CULVERT INLET PROTECTION
NO SCALE

SOURCE: ADAPTED FROM VDOT STANDARD SHEETS AND VA. DSWC PLATE. 3.08-1



SPECIFIC APPLICATION

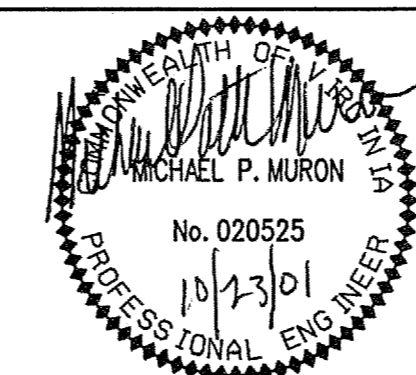
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER
NO SCALE

SOURCE: VA. DSWC PLATE. 3.07-2

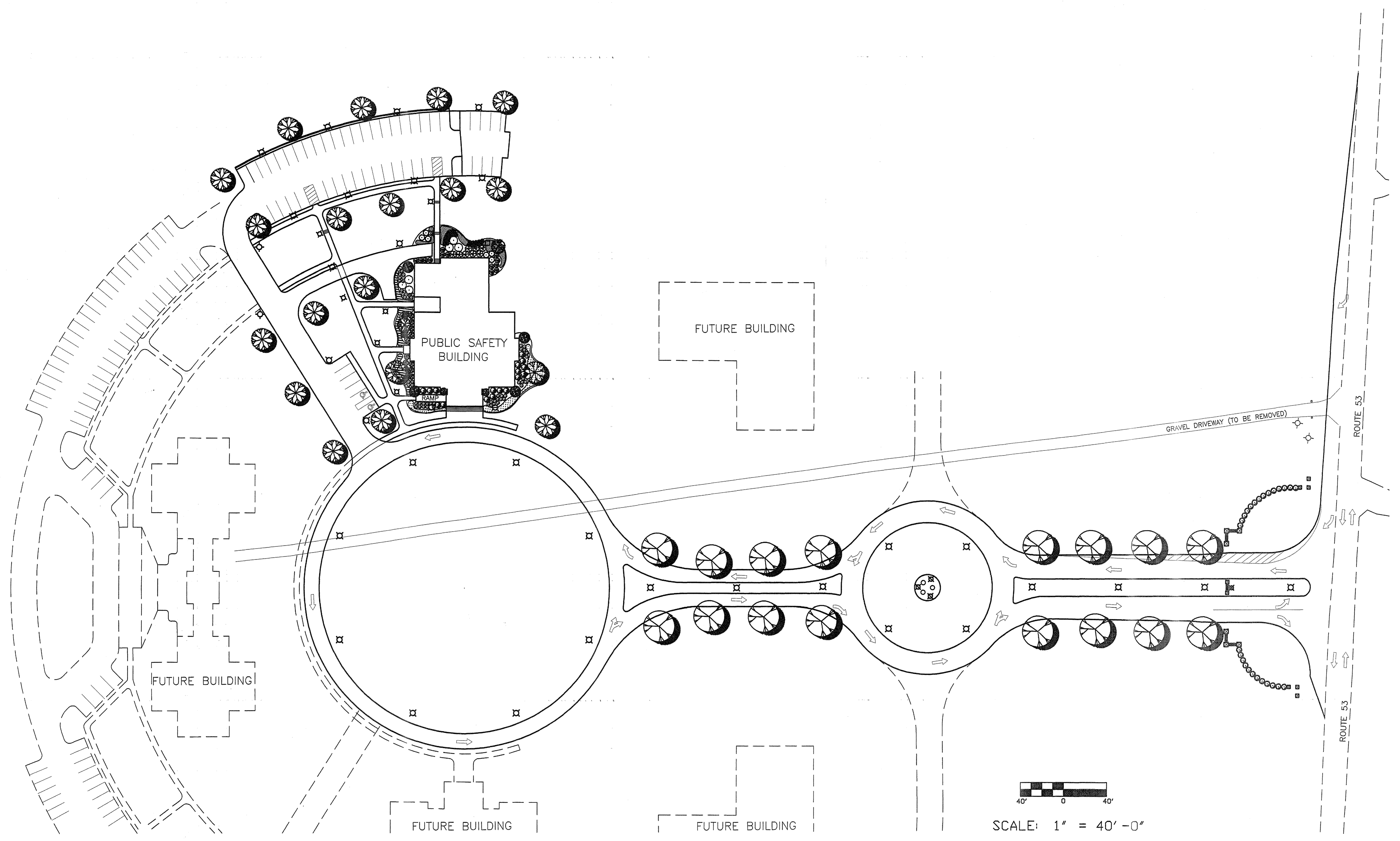
REV.	DATE	BY	APP.	DESCRIPTION



Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS

2310 LANGHORNE ROAD
LYNCHBURG, VIRGINIA 24501
P.O. BOX 877
LYNCHBURG, VIRGINIA 24505-0877

DESIGNED MPM	DRAWN MPM	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED FWK	REVIEWED RCG	REFERENCE CIVIL
COMM. NO. 201087.00	FILE NO.	TITLE EROSION & SEDIMENT CONTROL DETAILS
CADD NO.	DWG. NO. C-7	SHEET NO. 8 OF 48
DATE 10/26/01	REV. 0	

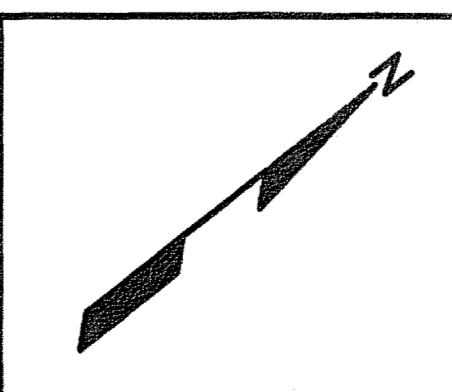
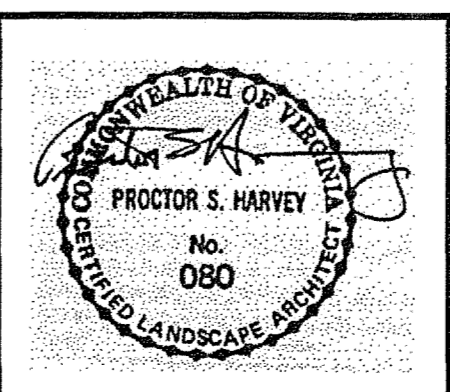


40' 0 40'
 SCALE: 1" = 40'-0"

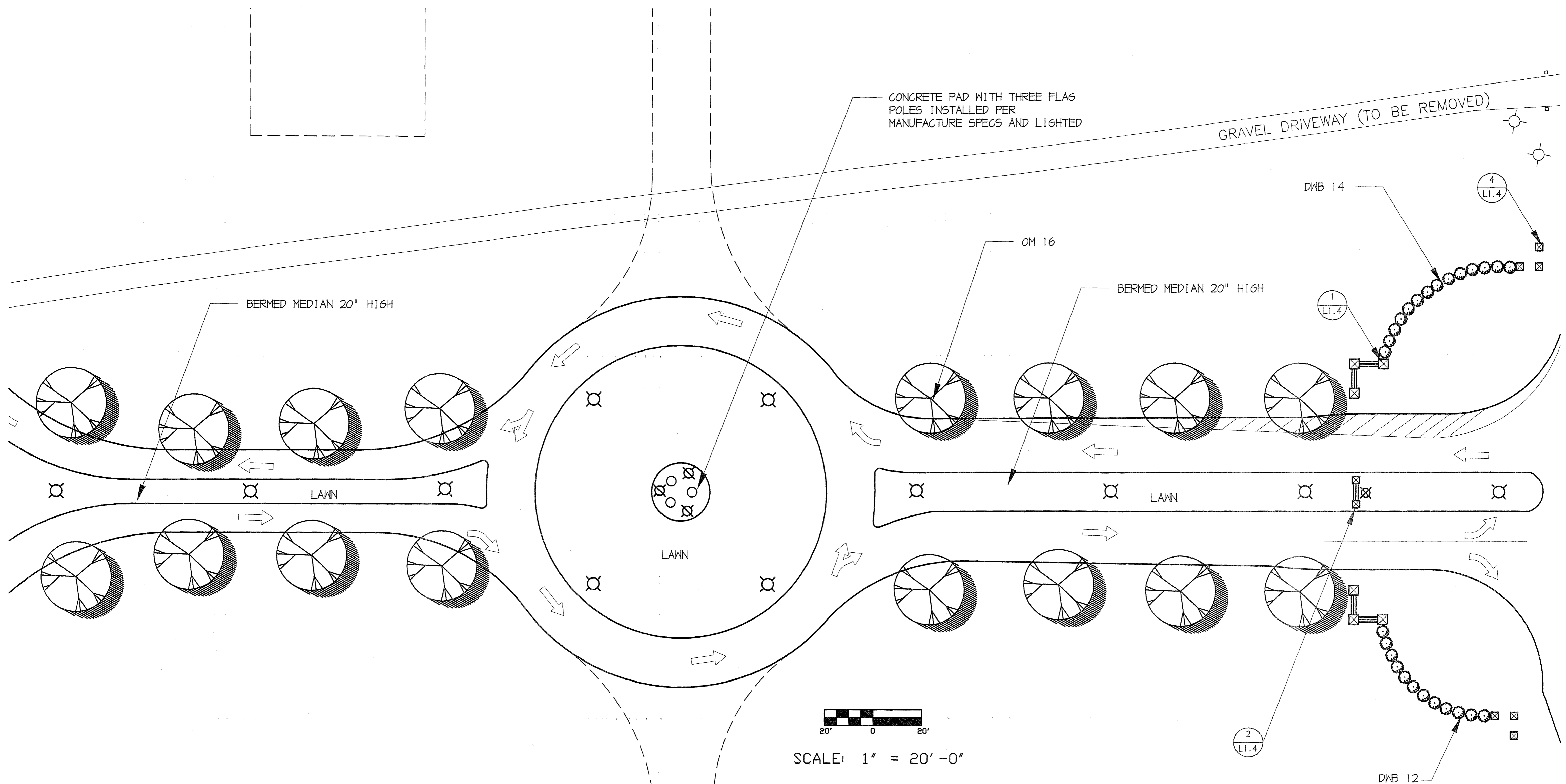
EV.	DATE	BY	APP.	DESCRIPTION

Wiley & Wilson
 ARCHITECTS ENGINEERS PLANNERS
 2310 LANGHORNE RD, LYNCHBURG, VIRGINIA
 24505-0877

PROCTOR S. HARVEY & ASSOCIATES
 PLANNERS & LANDSCAPE ARCHITECTS
 1313-28 JEFFERSON STREET LYNCHBURG VA 24504 804.828.8194



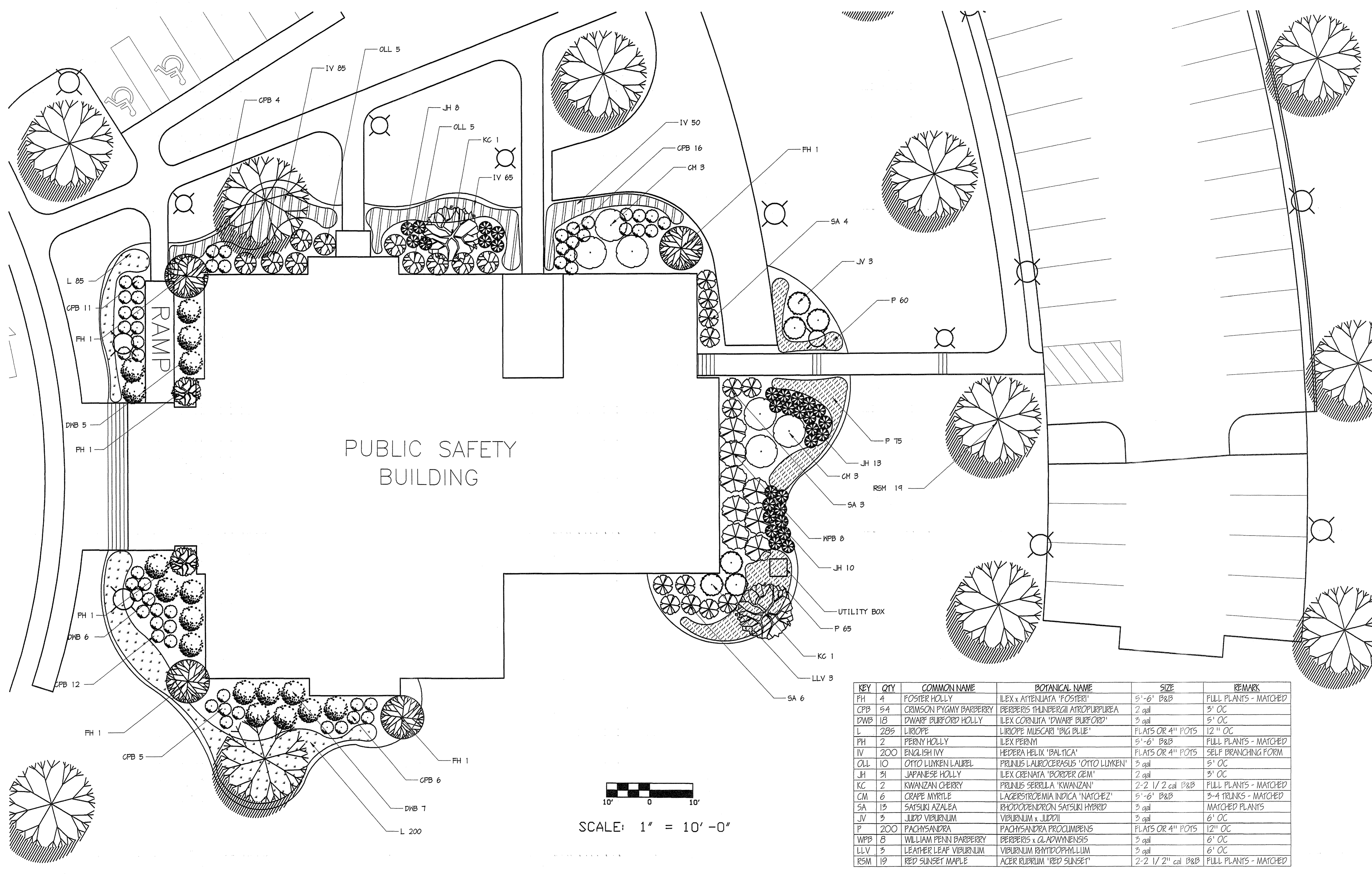
DESIGNED PSH/MRY	DRAWN MRY	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED		REFERENCE LANDSCAPE ARCHITECTURAL
CDMM. NO.		TITLE MASTER LANDSCAPE PLAN
CADD NO.		
DATE 10/26/01	DWG. NO. L1.1	SHEET NO. 10 OF 48
		REV. 0



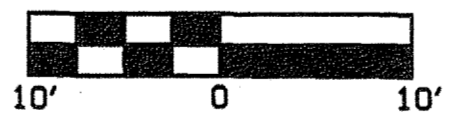
KEY	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARK
OM	16	OCTOBER GLORY MAPLE	ACER RUBRUM 'OCTOBER GLORY'	2 1/2-3' cal	FULL PLANTS - MATCHED
DWB	26	DWARF BURFORD HOLLY	ILEX CORNUTA 'DWARF BURFORD'	3' cal	4' OC

REV.	DATE	BY	APP.	DESCRIPTION

<p>Wiley & Wilson ARCHITECTS ENGINEERS PLANNERS 2310 LANGHORNE RD, LYNCHBURG, VIRGINIA 24505-0877</p>	<p>PROCTOR S. HARVEY & ASSOCIATES PLANNERS & LANDSCAPE ARCHITECTS 1912-08 JEFFERSON STREET LYNCHBURG VA 24004 804.828.9184</p>		DESIGNED	DRWN	PROJECT	FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
			CHECKED	MRY	REFERENCE	LANDSCAPE ARCHITECTURAL
CADD NO.			TITLE	MAIN ENTRANCE LANDSCAPE PLAN		
DATE			DWG. NO.	SHEET NO.	REV.	
10/26/01			L1.2	11 OF 48	0	



PUBLIC SAFETY BUILDING



SCALE: 1" = 10'-0"

KEY	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARK
PH	4	FOSTER HOLLY	ILEX x ATTENUATA 'FOSTERI'	5'-6' B&B	FULL PLANTS - MATCHED
CFB	54	CRIMSON PYGMY BARBERRY	BERBERIS THUNBERGII ATROPURPUREA	2 gal	3' OC
DNB	18	DWARF BURFORD HOLLY	ILEX CORNUTA 'DWARF BURFORD'	3 gal	5' OC
L	285	LIRIOPE	LIRIOPE MUSCARI 'BIG BLUE'	PLATS OR 4" POTS	12" OC
PH	2	PERNY HOLLY	ILEX PERNY	5'-6' B&B	FULL PLANTS - MATCHED
IV	200	ENGLISH IVY	HEDERA HELIX 'BALTICA'	PLATS OR 4" POTS	SELF BRANCHING FORM
OLL	10	OTTO LUXEN LAUREL	PRUNUS LAUROCERASUS 'OTTO LUXEN'	3 gal	5' OC
JH	31	JAPANESE HOLLY	ILEX CRENATA 'BORDER OEM'	2 gal	3' OC
KC	2	KWANZAN CHERRY	PRUNUS SERRULA 'KWANZAN'	2-2 1/2 cal B&B	FULL PLANTS - MATCHED
CM	6	CRAPE MYRTLE	LACERSTROEMIA INDICA 'NATCHEZ'	5'-6' B&B	3-4 TRUNKS - MATCHED
SA	13	SATSUKI AZALEA	RHODODENDRON SATSUKI HYBRID	3 gal	MATCHED PLANTS
JV	3	JUDD VIBURNUM	VIBURNUM x JUDDII	3 gal	6' OC
P	200	PACHYSANDRA	PACHYSANDRA PROCUMBENS	PLATS OR 4" POTS	12" OC
WPB	8	WILLIAM PENN BARBERRY	BERBERIS x OLADWYNENSIS	3 gal	6' OC
LLV	3	LEATHER LEAF VIBURNUM	VIBURNUM RHYTIDOPHYLLUM	3 gal	6' OC
RSM	19	RED SUNSET MAPLE	ACER RUBRUM 'RED SUNSET'	2-2 1/2" cal B&B	FULL PLANTS - MATCHED

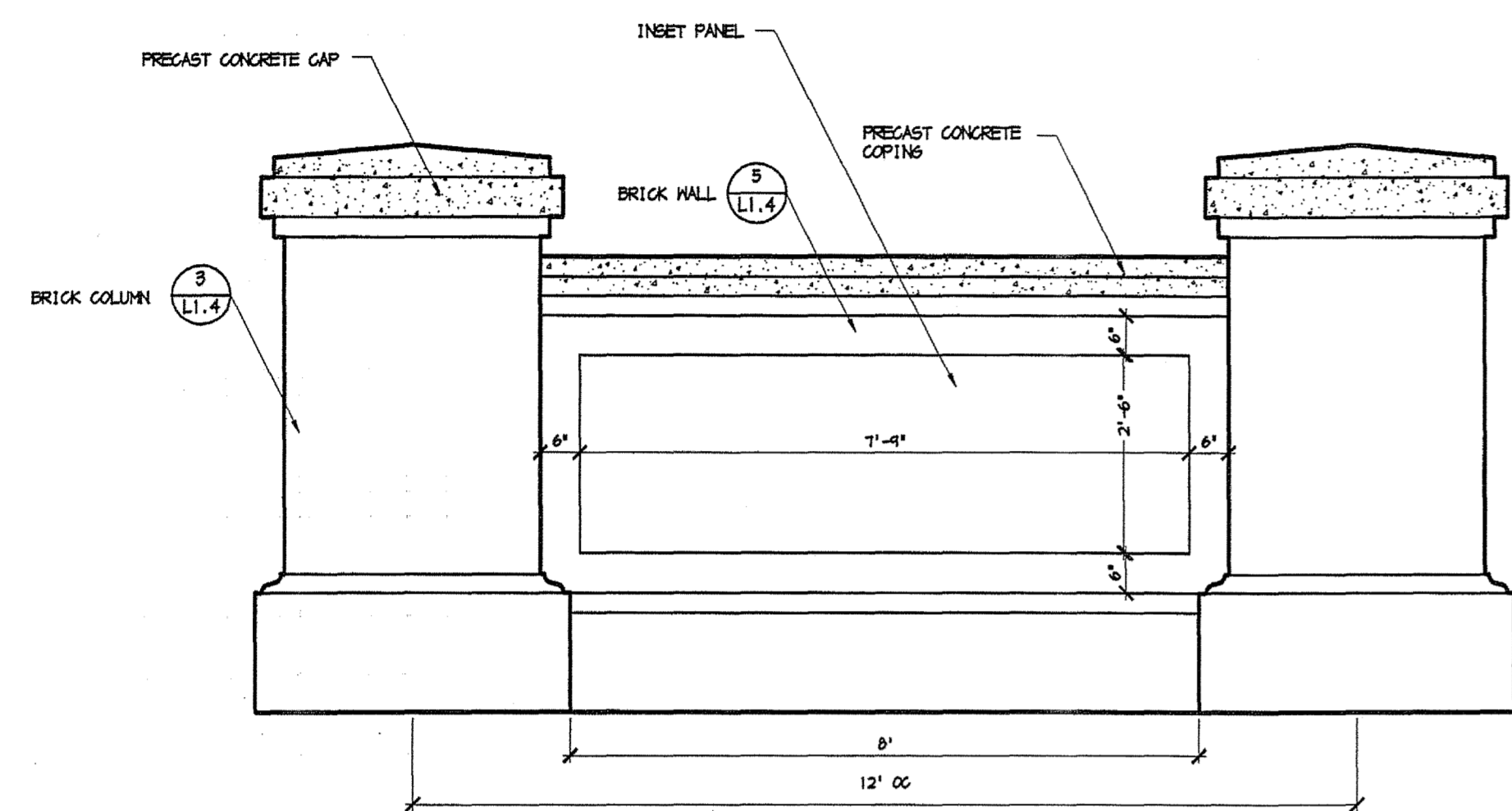
V.	DATE	BY	APP.	DESCRIPTION

Wiley & Wilson
 ARCHITECTS ENGINEERS PLANNERS
 2310 LANGHORNE RD, LYNCHBURG, VIRGINIA
 24505-0877

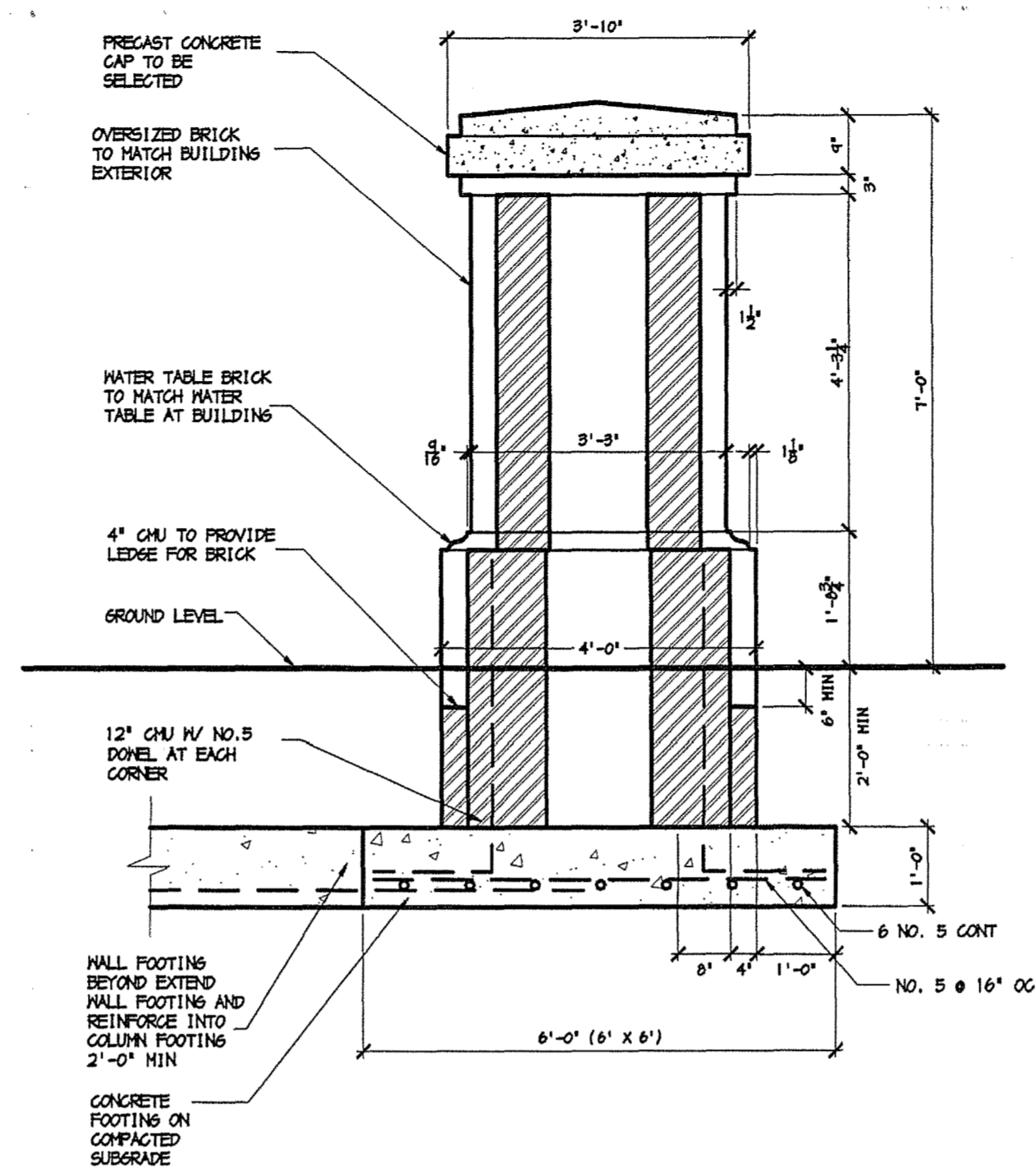
PROCTOR S. HARVEY & ASSOCIATES
 PLANNERS & LANDSCAPE ARCHITECTS
 1912-28 JEFFERSON STREET LYNCHBURG VA 24004 804.628.6164

DESIGNED PSH/MRY
 CHECKED MRY
 COMM. NO.
 CADD NO.
 DATE 10/26/01

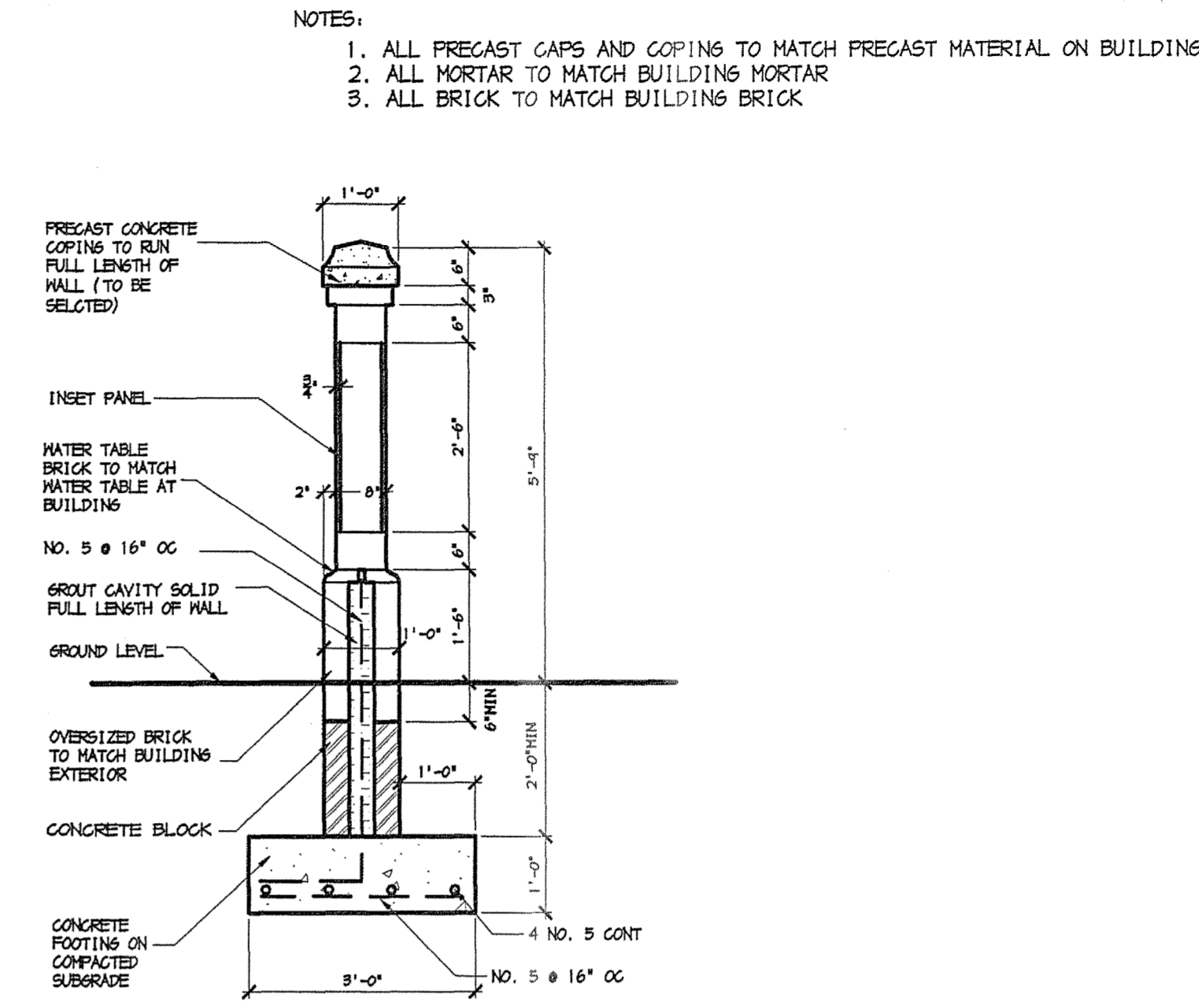
PROJECT FLUVANNA COUNTY
 NEW PUBLIC SAFETY BUILDING
 FLUVANNA COUNTY, VA
 REFERENCE LANDSCAPE ARCHITECTURAL
 TITLE PUBLIC SAFETY BUILDING LANDSCAPE PLAN
 DWG. NO. L1.3
 SHEET NO. 12 OF 48
 REV. 0



1 WALL AND COLUMN ELEVATION
L 1.4 1/2"=1'-0"

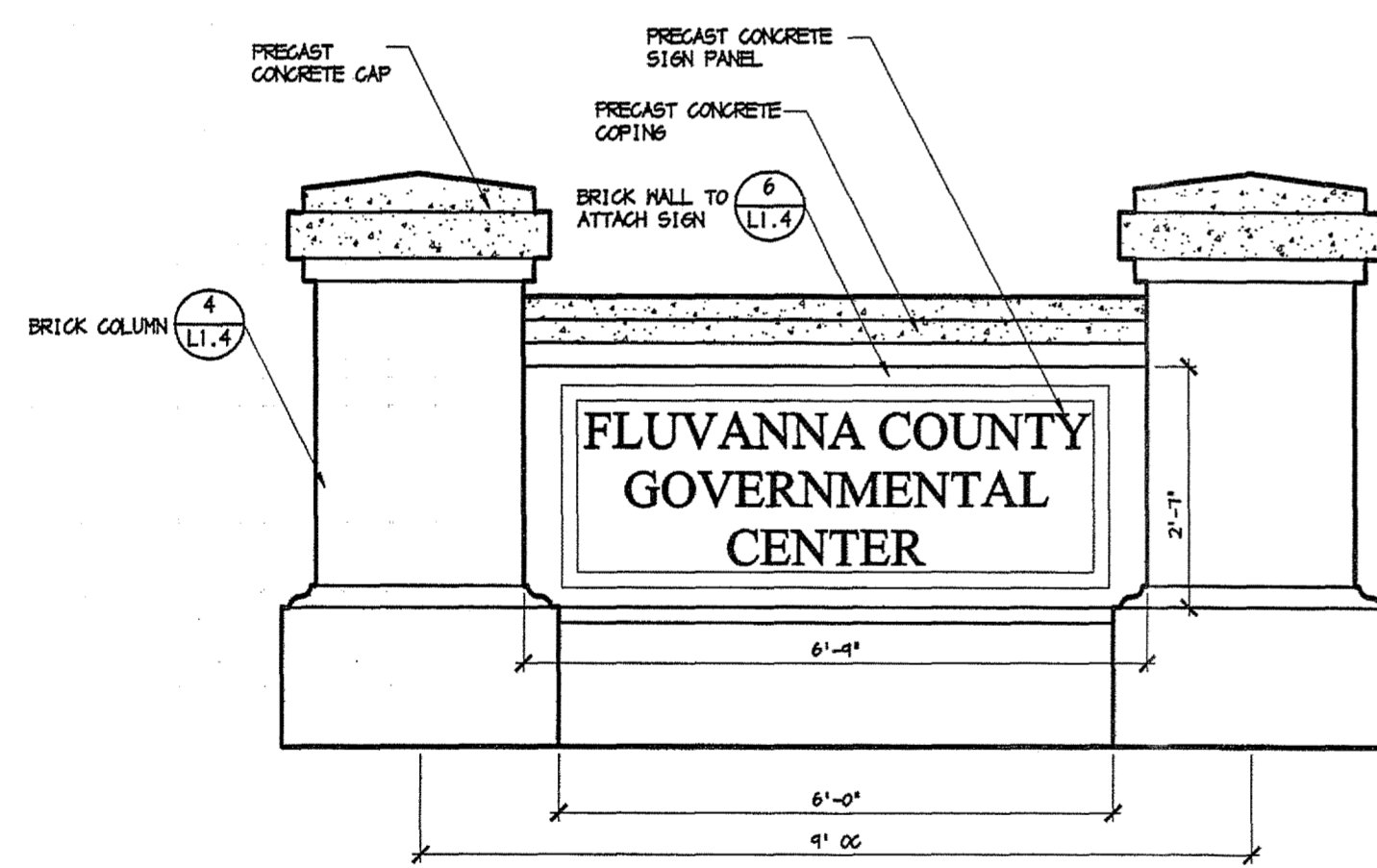


3 LARGE COLUMN DETAIL
L 1.4 1/2"=1'-0"

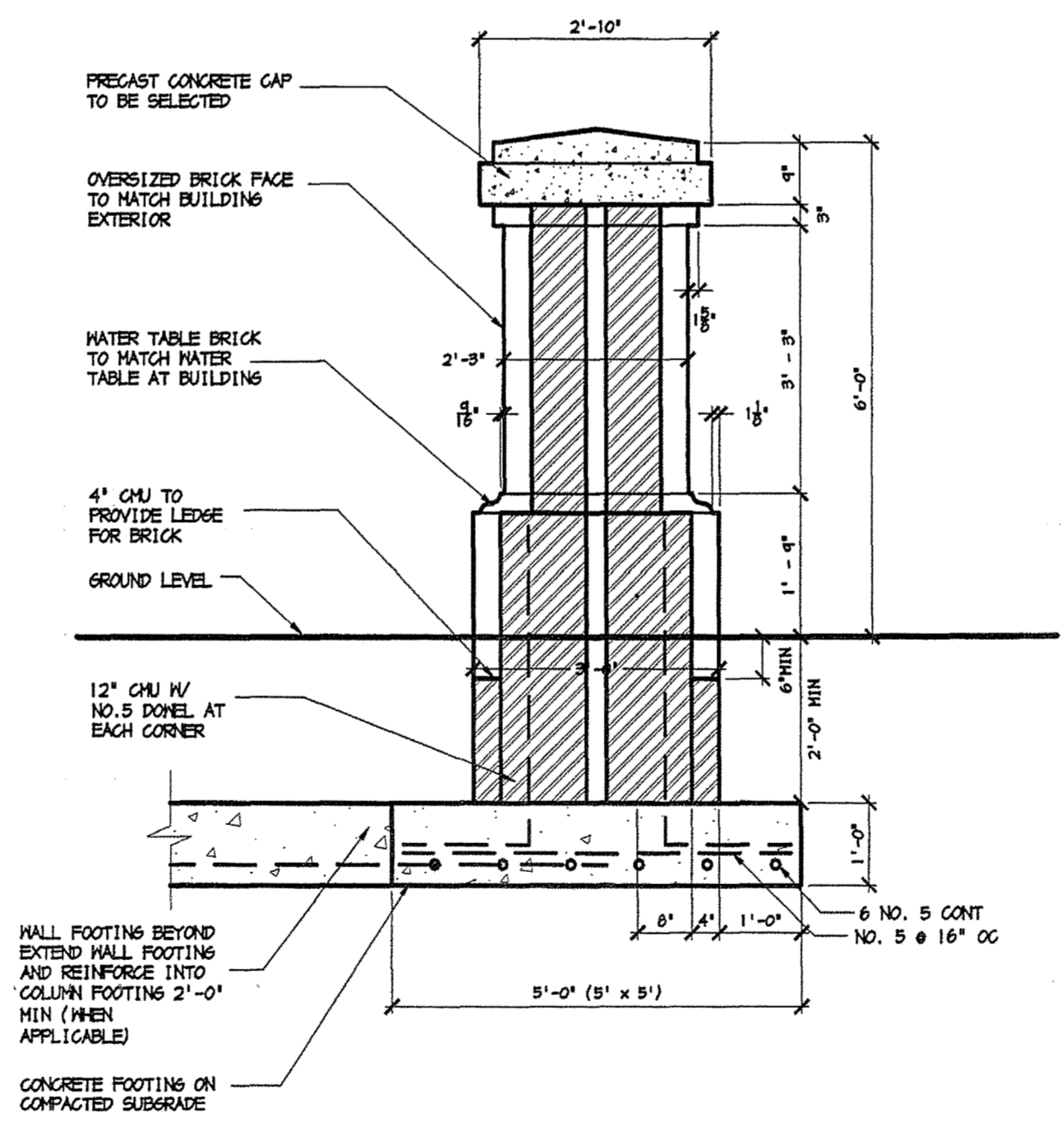


5 LARGE WALL DETAIL
L 1.4 1/2"=1'-0"

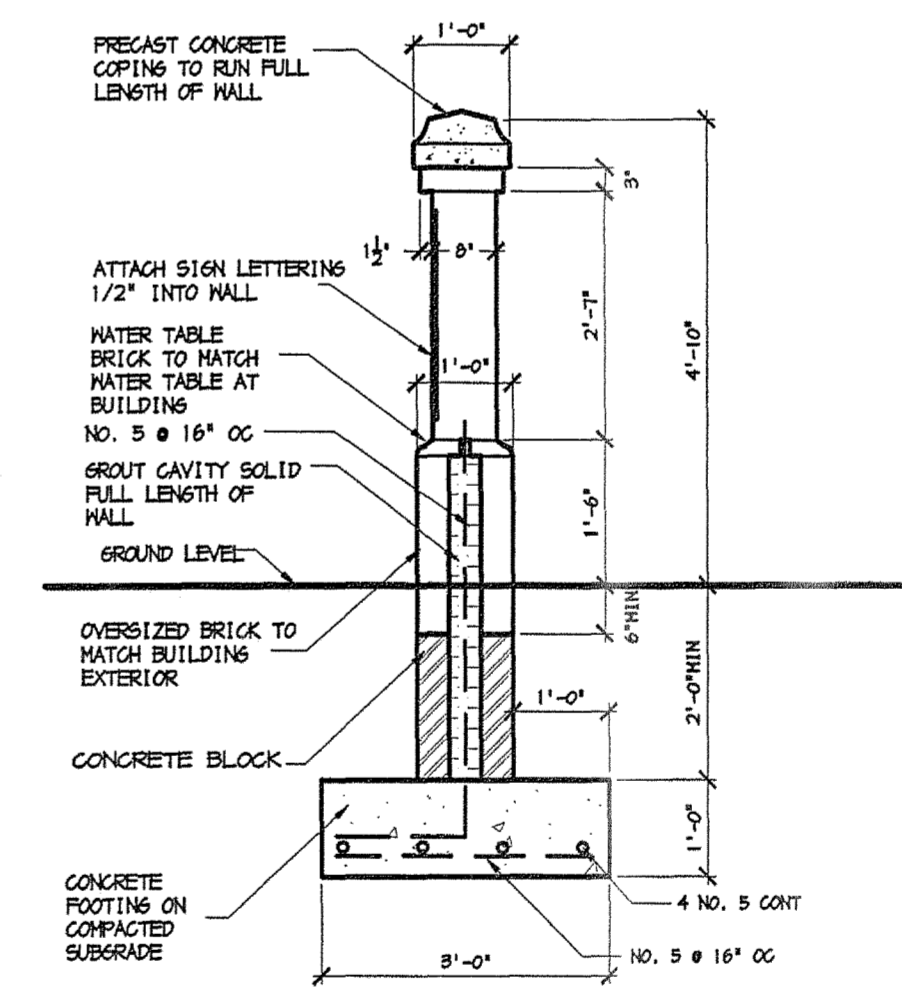
- NOTES:
1. PRECAST CONCRETE PANEL APPROXIMATE SIZE TO BE 26" x 5'-7".
 2. LETTERS TO BE HIGH DENSITY SIGN FOAM ATTACHED TO PANEL WITH 1" OFFSET.
 3. EXACT LETTERING AND STYLE TO BE SELECTED BY OWNER.
 4. ADJUST PANEL TO FIT BRICK COURSING AND INSET 1/2".
 5. PANEL SHALL HAVE DECORATIVE EDGE
 6. CONTRACTOR SHALL FURNISH SHOP DRAWINGS AND REVIEW WITH LANDSCAPE ARCHITECT



2 SIGN WALL AND COLUMN ELEVATION
L 1.4 1/2"=1'-0"



4 SMALL COLUMN DETAIL
L 1.4 1/2"=1'-0"



6 SIGN WALL DETAIL
L 1.4 1/2"=1'-0"

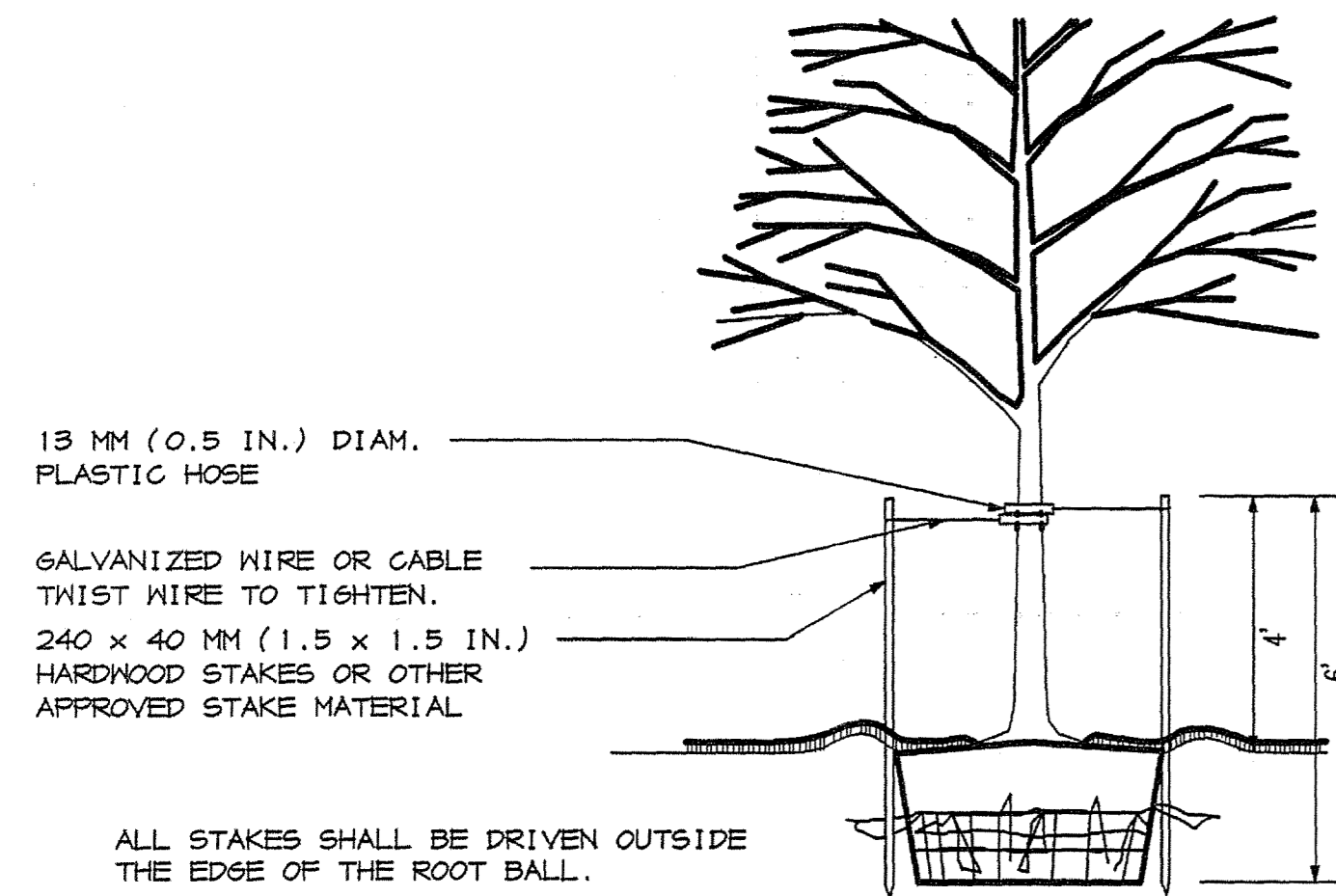
REV.	DATE	BY	APP.	DESCRIPTION

 ARCHITECTS ENGINEERS PLANNERS 2310 LANGHORNE RD, LYNCHBURG, VIRGINIA 24505-0877	 PROCTOR S. HARVEY & ASSOCIATES PLANNERS & LANDSCAPE ARCHITECTS 19128 JEFFERSON STREET LYNCHBURG VA 24504 804.528.9114		DESIGNED PSH/MRY	DRAWN MRY	PROJECT	FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
			CHECKED		REFERENCE	LANDSCAPE ARCHITECTURAL
			COMM. NO.		TITLE	WALL AND COLUMN DETAILS
			CADD NO.		DATE	10/26/01
			DWG. NO.	L1.4	SHEET NO.	13 OF 48
					REV.	0

WIRE OR CABLE SIZES SHALL BE AS FOLLOWS:
 TREES UP TO 65 MM (2.5 IN.) CALIPER - 14 GAUGE
 TREES 65 MM (2.5 IN.) TO 75 MM (3 IN.) CALIPER - 12 GAUGE

TIGHTEN WIRE OR CABLE ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT. PLASTIC HOSE SHALL BE LONG ENOUGH TO ACCOMMODATE 35MM (1.5 IN.) OF GROWTH AND BUFFER ALL BRANCHES FROM THE WIRE.

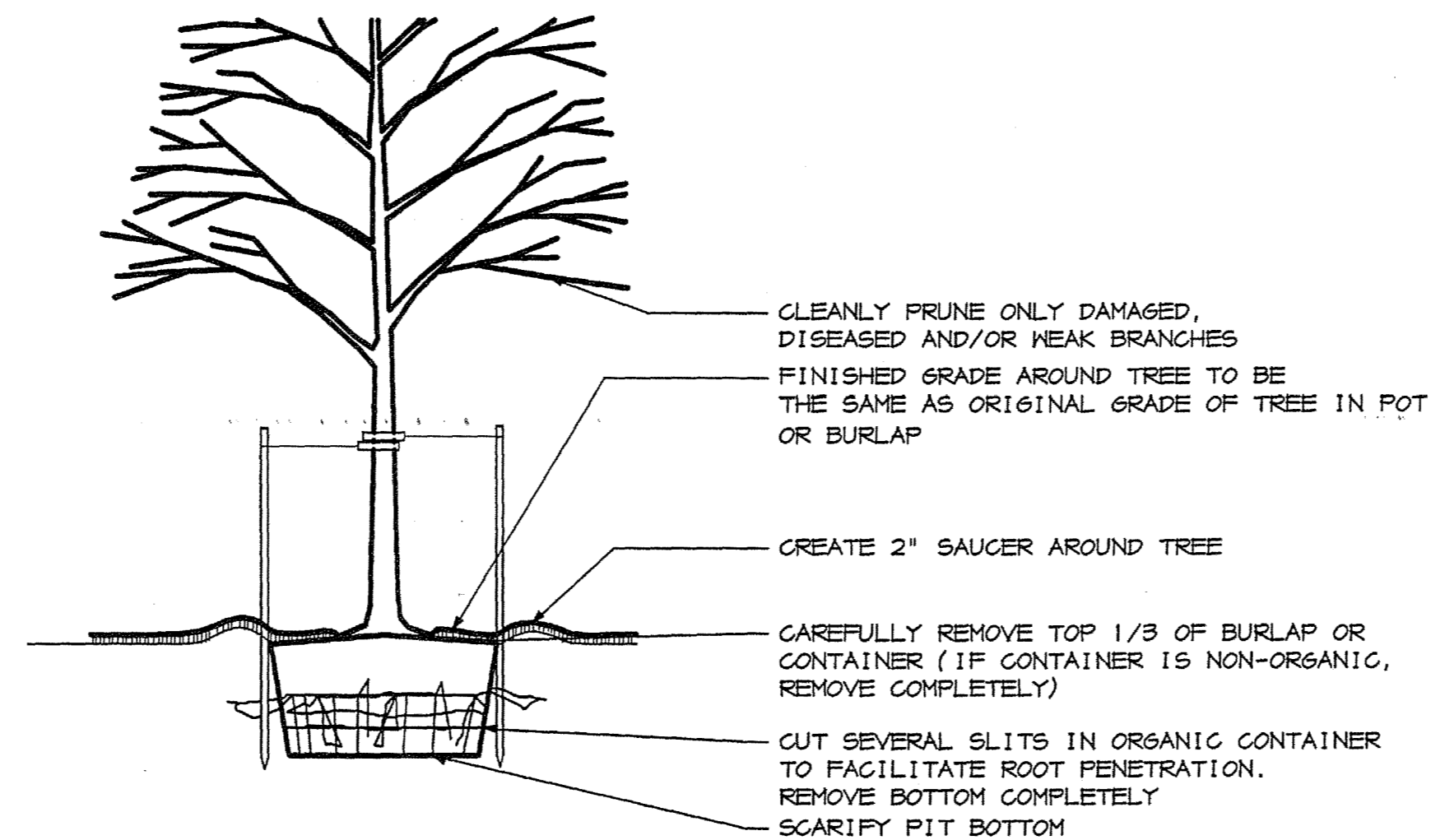
TUCK ANY LOOSE ENDS OF THE WIRE OR CABLE INTO THE WIRE WRAP SO THAT NO SHARP WIRE ENDS ARE EXPOSED.



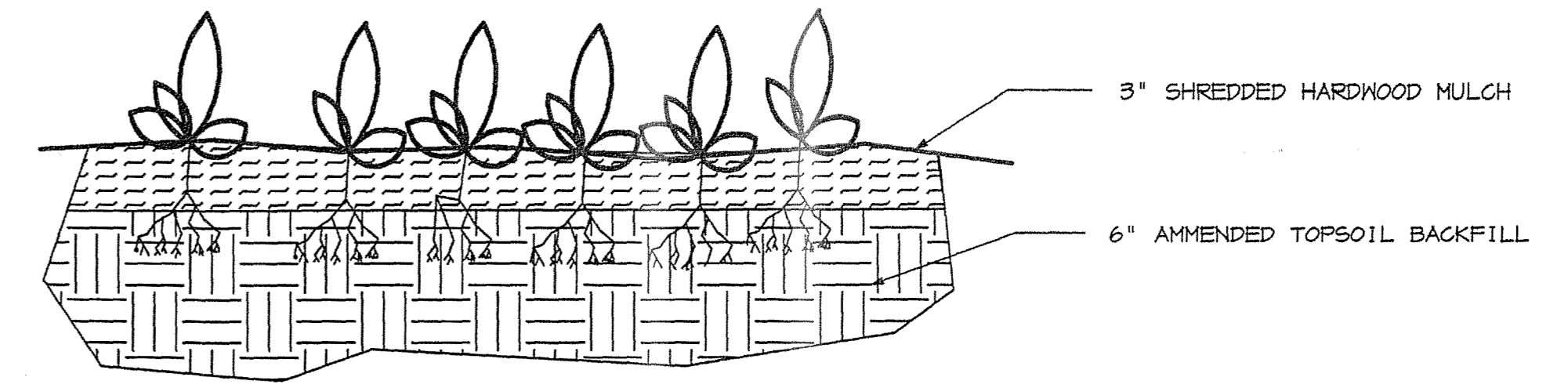
ASSURE THAT THE BEARING SURFACE OF THE PROTECTIVE COVERING OF THE WIRE OR CABLE AGAINST THE TREE TRUNK IS A MINIMUM OF 12 MM (0.5 IN.).

REMOVE ALL STAKING AS SOON AS THE TREE HAS GROWN SUFFICIENT ROOTS TO OVERCOME THE PROBLEM THAT REQUIRED THE TREE TO BE STAKED. STAKES SHALL BE REMOVED NO LATER THE END OF THE FIRST GROWING SEASON AFTER PLANTING.

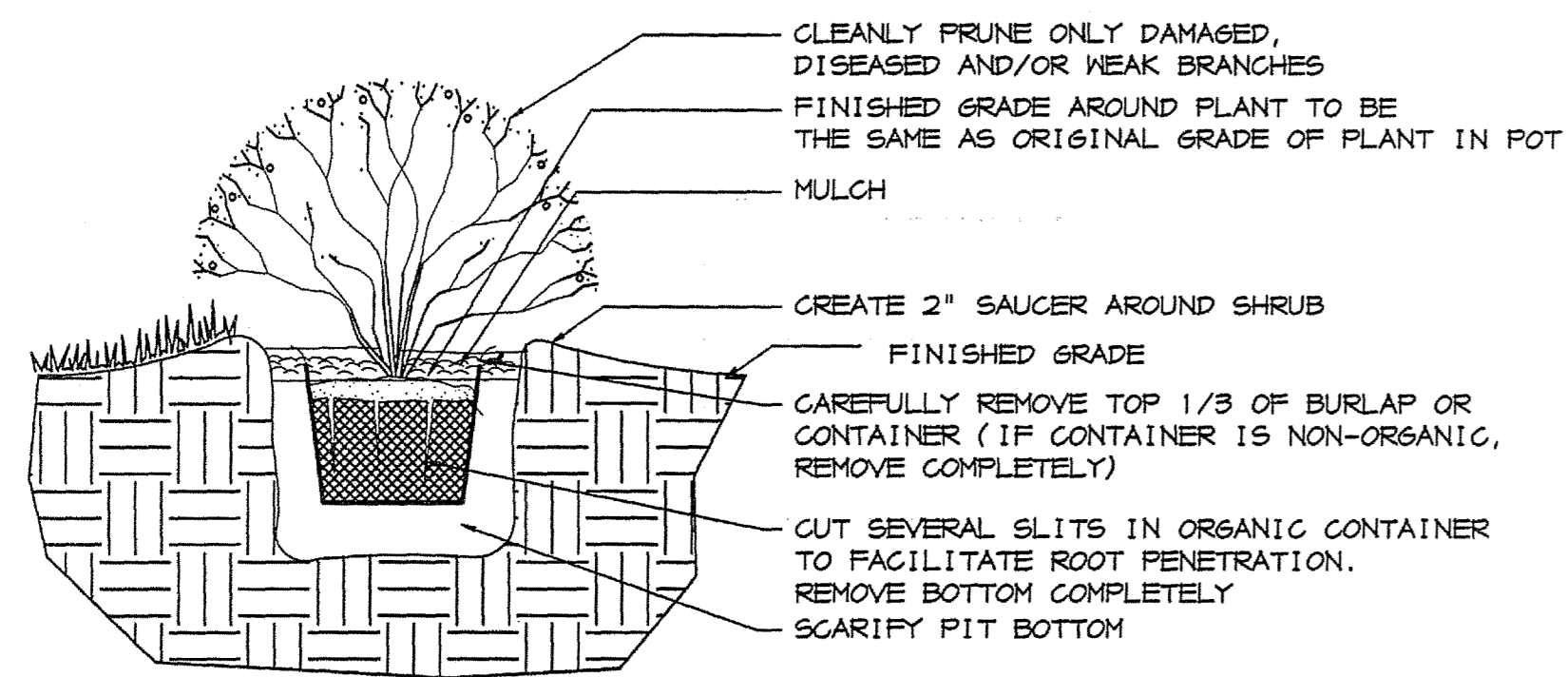
1 TREE STAKING DETAIL
 C1.3 NO SCALE



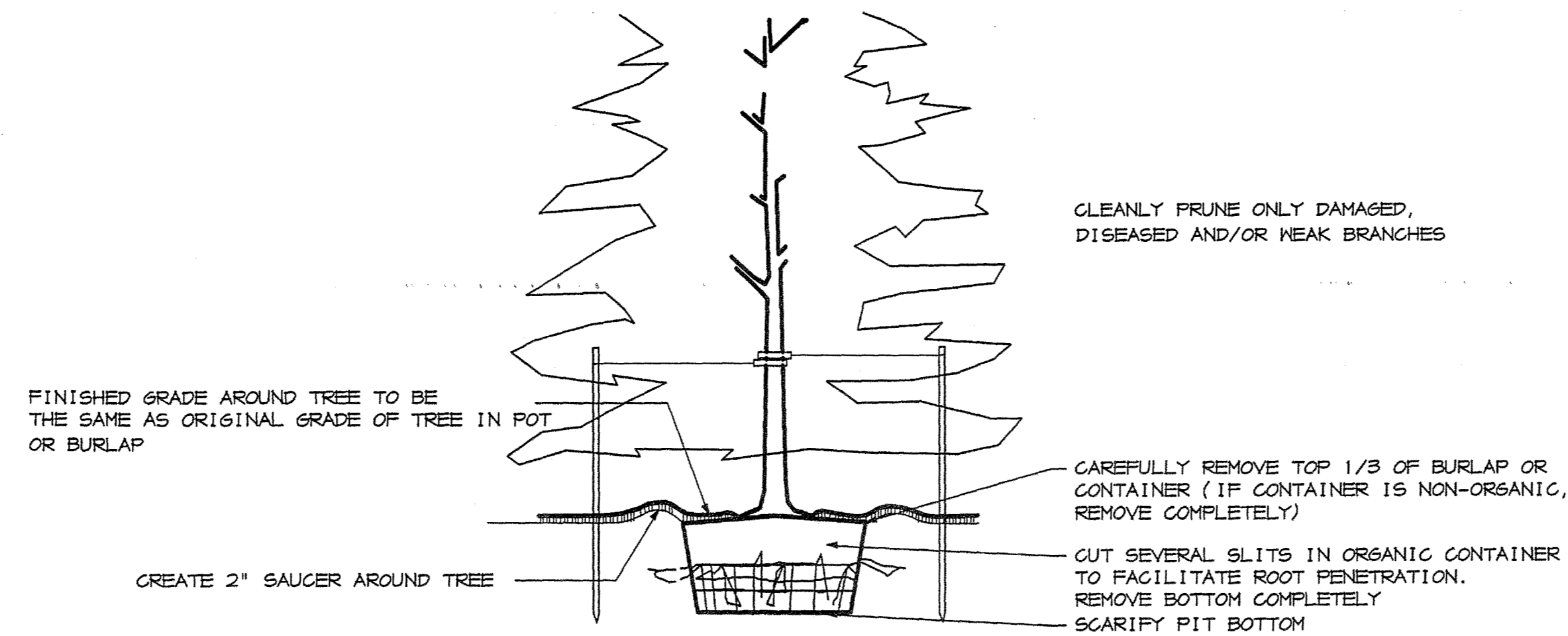
4 TREE PLANTING DETAIL
 C1.3 NO SCALE



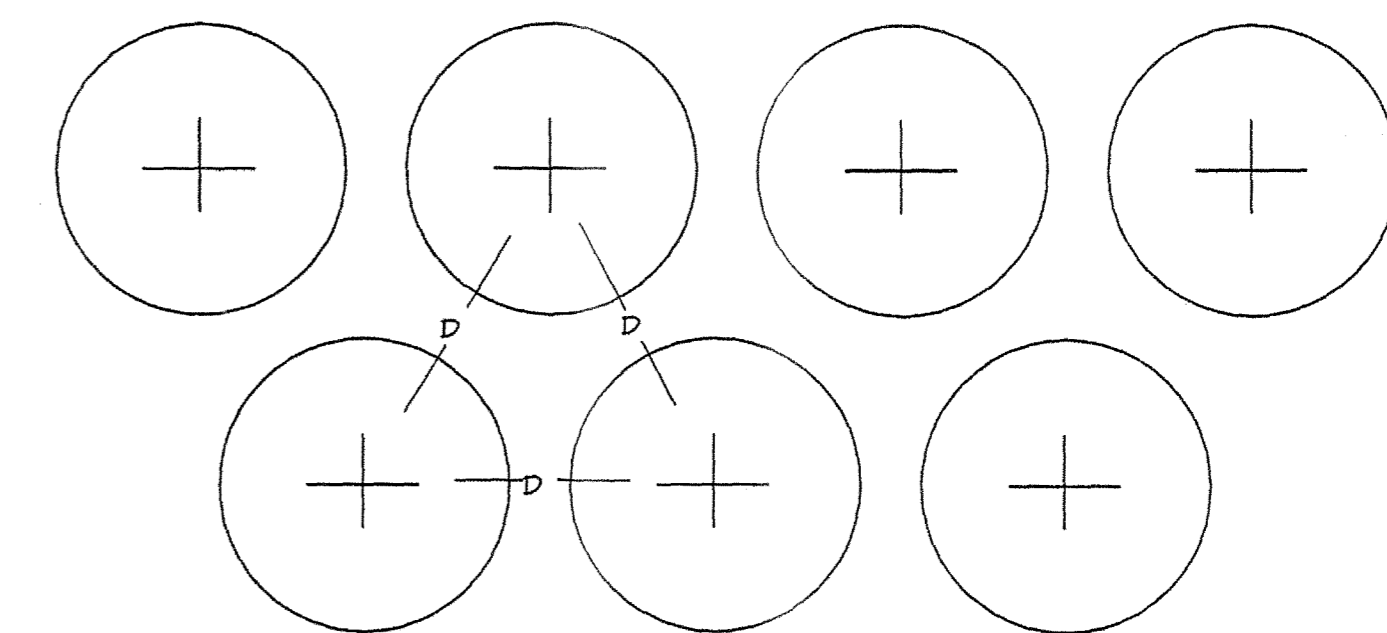
3 GROUND COVER AND PERENNIAL DETAIL
 C1.3 NO SCALE



2 SHRUB PLANTING DETAIL
 C1.3 NO SCALE



5 EVERGREEN TREE PLANTING DETAIL
 C1.3 NO SCALE

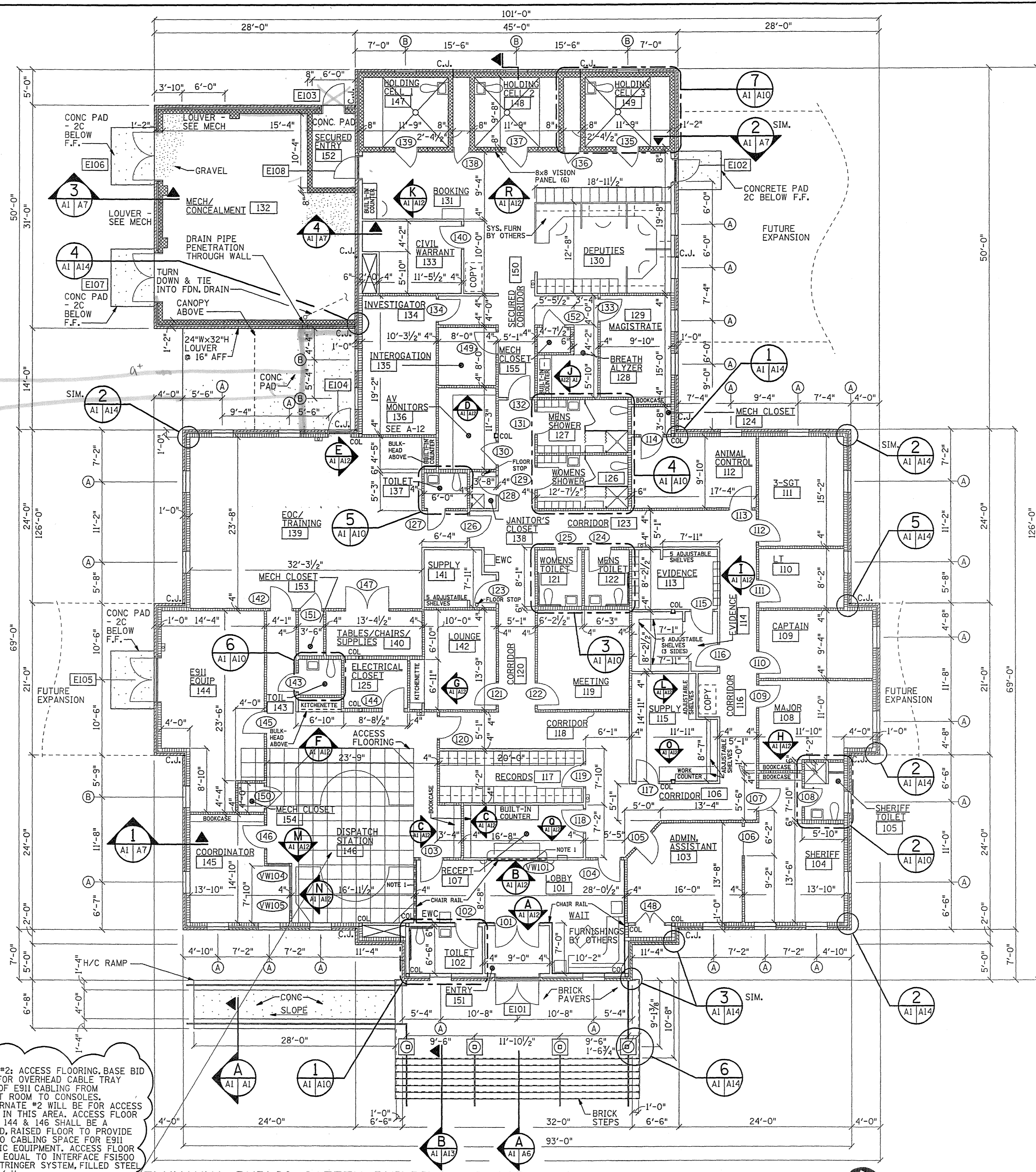


D= DIMENSION OF PLANT SPACING AS INDICATED ON PLANS OR IN PLANTING SCHEDULE

6 PLANT SPACING DETAIL
 C1.3 NO SCALE

REV.	DATE	BY	APP.	DESCRIPTION

 ARCHITECTS ENGINEERS PLANNERS 2310 LANGHORNE RD, LYNCHBURG, VIRGINIA 24505-0877	 PROCTOR S. HARVEY & ASSOCIATES PLANNERS & LANDSCAPE ARCHITECTS 1312-28 JEFFERSON STREET LYNCHBURG VA 24504 804.826.5194		DESIGNED PSH/MRY	DRAWN MRY	PROJECT	FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
			CHECKED		REFERENCE	LANDSCAPE ARCHITECTURAL
			CADD NO.	TITLE	PLANTING DETAILS	
			DATE 10/26/04	DWG. NO. 1.1.1	SHEET NO.	



- LEGEND:**
- ACOUSTICAL INSULATION BETWEEN STUDS FULL HEIGHT OF INTERIOR WALLS, THERMAL INSULATED FULL HEIGHT OF EXTERIOR WALL.
 - CMU
 - METAL STUDWALL
 - SHOTGUARD @ LOBBY, SEE NOTE 1
 - CONTROL JOINT
 - FIRE EXTINGUISHER

- WINDOW TYPES:**
- (A) VANDAL RESISTANT GLAZING
 - (B) FALSE WINDOW - WINDOW WITH SUBSTRATE BEHIND THE WINDOW PAINTED FLAT BLACK

CODE CRITERIA

FLUVANNA COUNTY - PUBLIC SAFETY BUILDING

CODE: VIRGINIA UNIFORM STATEWIDE BUILDING CODE (1996 BOCA NATIONAL BUILDING CODE)

CONSTRUCTION CLASSIFICATION: 2C NON-COMBUSTIBLE, UNPROTECTED

USE GROUP: MIXED, PRIMARY "B" - BUSINESS WITH "R" RESIDENTIAL ONLY AT THE THREE HOLDING CELLS

NOTE: HOLDING CELLS TO ACCOMMODATE NO MORE THAN (5) PEOPLE. SEE BOCA 308.4 AND COMMENTARY VOLUME 1, SECTION 308.4

NOTE: HOLDING CELLS ARE RATED FOR 2 HOUR FIRE RESISTANCE

NOTE: EVIDENCE ROOMS 113 AND 114 ARE RATED FOR 1 HOUR FIRE RESISTANCE AND ARE LESS THAN 100 SF

NOTE: SUPPLY ROOM 115, RECORDS ROOM 117, AND SUPPLY ROOM 141 ARE RATED FOR 1 HOUR FIRE RESISTANCE AND ARE ROUTINELY ACCESSED AND ARE HIGHLY SUPERVISED. THESE ROOMS, THEREFORE, DO NOT FALL UNDER THE SPECIFIC STORAGE OCCUPANCY REQUIRING A FIRE SUPPRESSION SYSTEM. SEE BOCA COMMENTARY 302.1.1

NOTE: CORRIDORS ARE RATED FOR 1 HOUR

AREA: OCCUPIED SPACE - 8,602 SF (INSIDE OF EXTERIOR WALL)

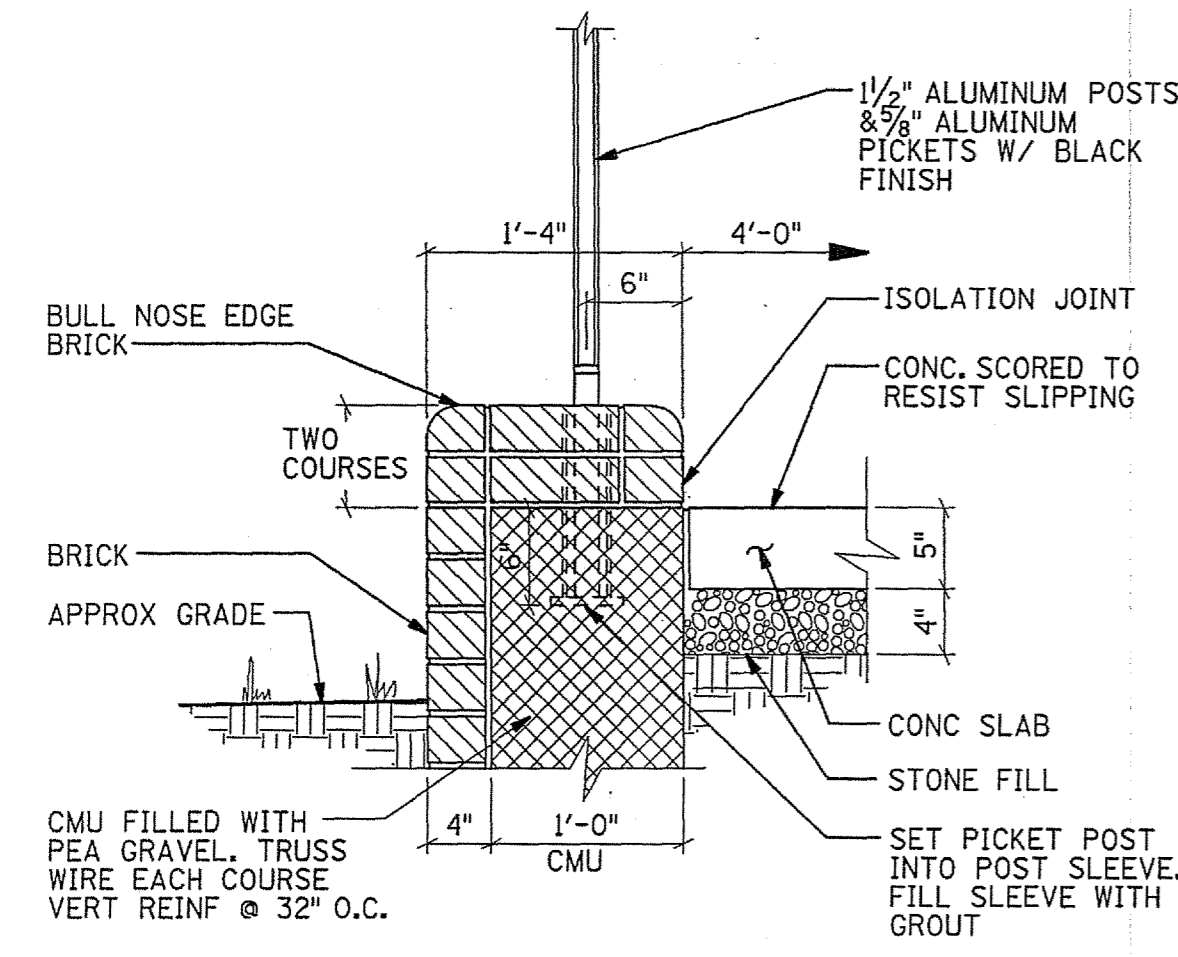
NUMBER OF FLOORS: ONE

NOTES:

NOTE 1: SHOTGUARD BB-3 .44 MAGNUM/LEVEL 3 BY NORTH AMERICAN BULLET PROOF. PROVIDE 2'-8"H X 6'-4" WIDE SHEET BEHIND DESK IN RECEPTION ROOM 107 AND PROVIDE 10'-0" HIGH SHEET FULL WIDTH OF WALL BETWEEN LOBBY 101 AND DISPATCH ROOM 146 WHERE INDICATED. IN ROOM 146 COVER SHOTGUARD W/ 9/8" GWB.

1967,000
31,900
1,998,900
2099910

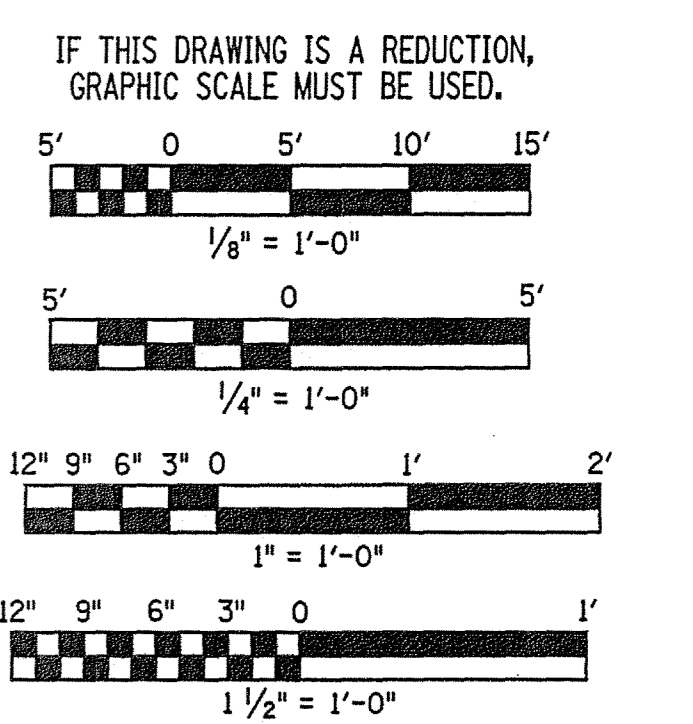
1789
28 x 14
9 x 28



DETAIL
SCALE: 1" = 1'-0"

ADD ALT #2: ACCESS FLOORING. BASE BID WILL BE FOR OVERHEAD CABLE TRAY ROUTING OF E911 CABLING FROM EQUIPMENT ROOM TO CONSOLES. ADD ALTERNATE #2 WILL BE FOR ACCESS FLOORING IN THIS AREA. ACCESS FLOOR IN ROOMS 144 & 146 SHALL BE A SUPPORTED, RAISED FLOOR TO PROVIDE ACCESS TO CABLING SPACE FOR E911 ELECTRONIC EQUIPMENT. ACCESS FLOOR SHALL BE EQUAL TO INTERFACE P1500 BOLTED STRINGER SYSTEM, FILLED STEEL PANELS W/ H

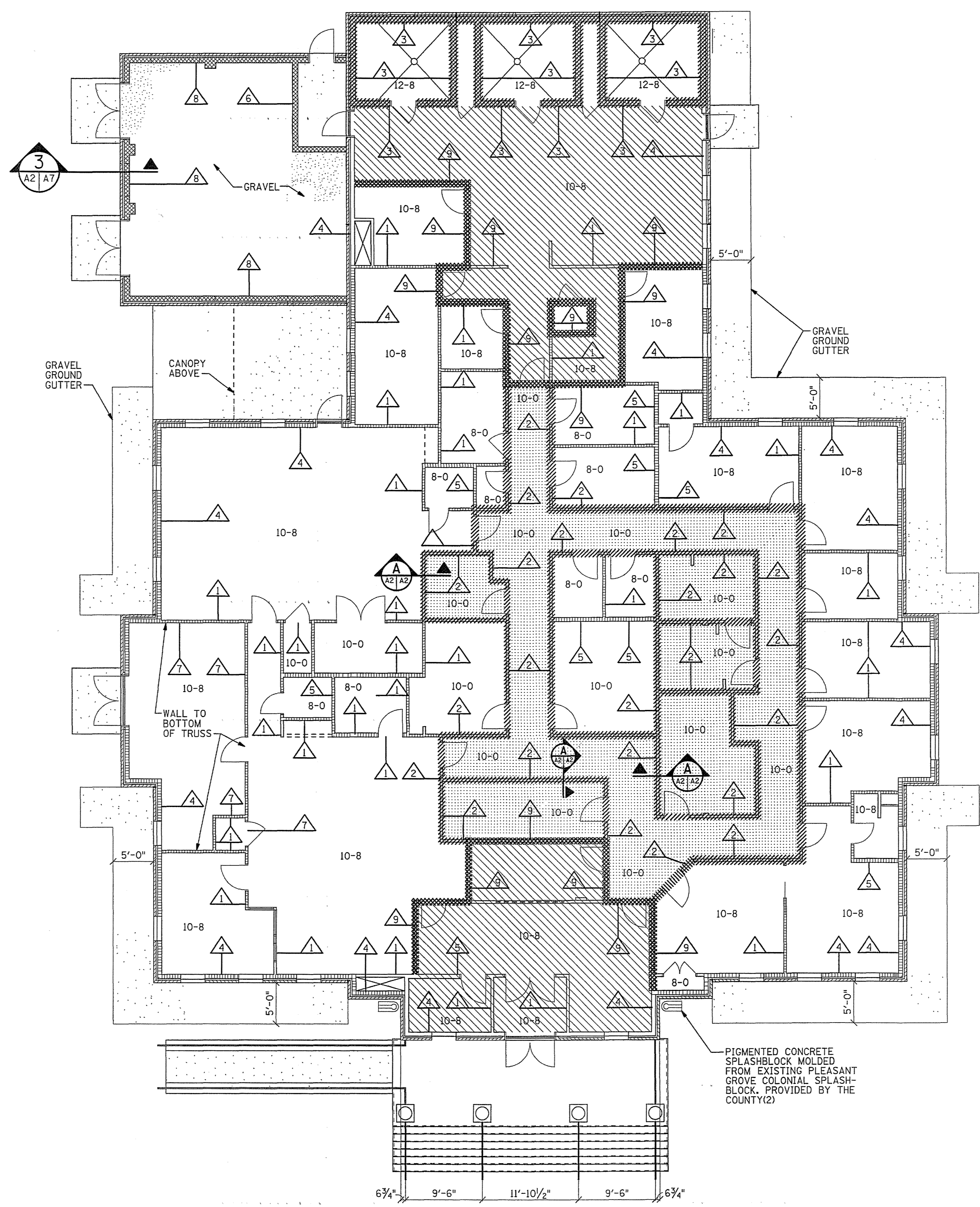
FLUVANNA PUBLIC SAFETY BUILDING - FLOOR PLAN
SCALE: 1/8" = 1'-0"



REV.	DATE	BY	APP.	DESCRIPTION

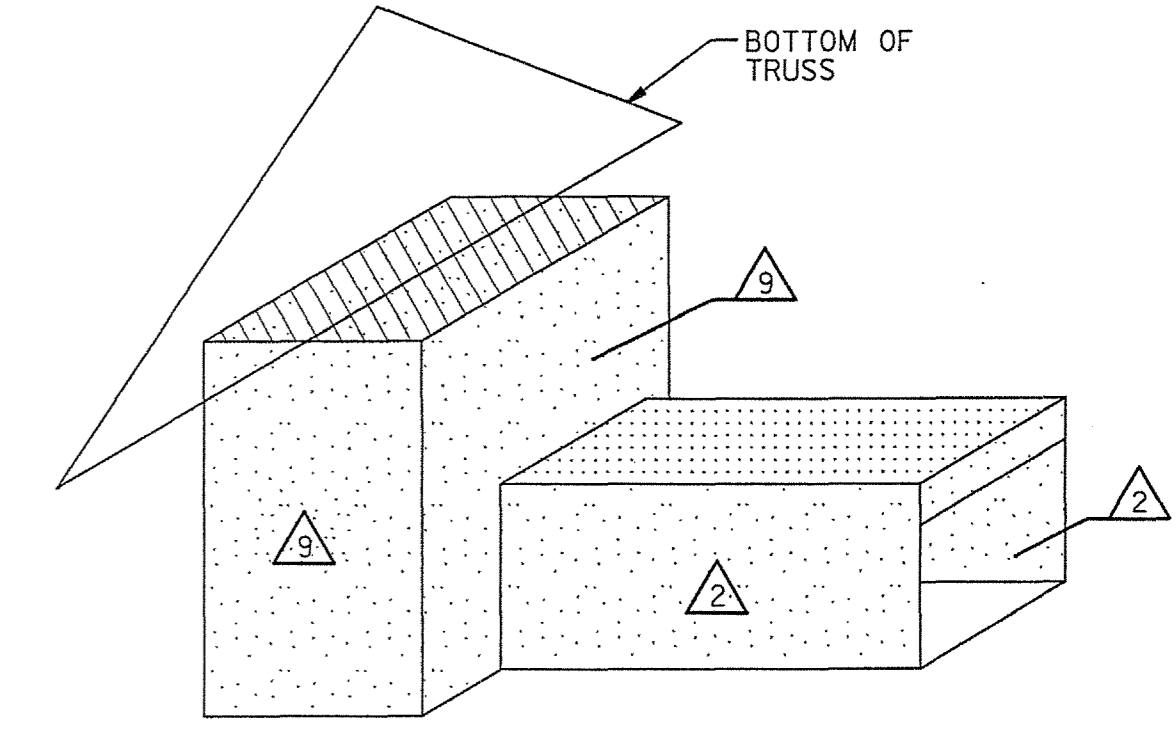
Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDD	REFERENCE ARCHITECTURAL	TITLE FIRST FLOOR PLAN
COMM. NO. 201087.10	DWG. NO. A-1	SHEET NO. 15 OF 48
CADD NO. 201087A01	DATE 10/26/01	REV. 0

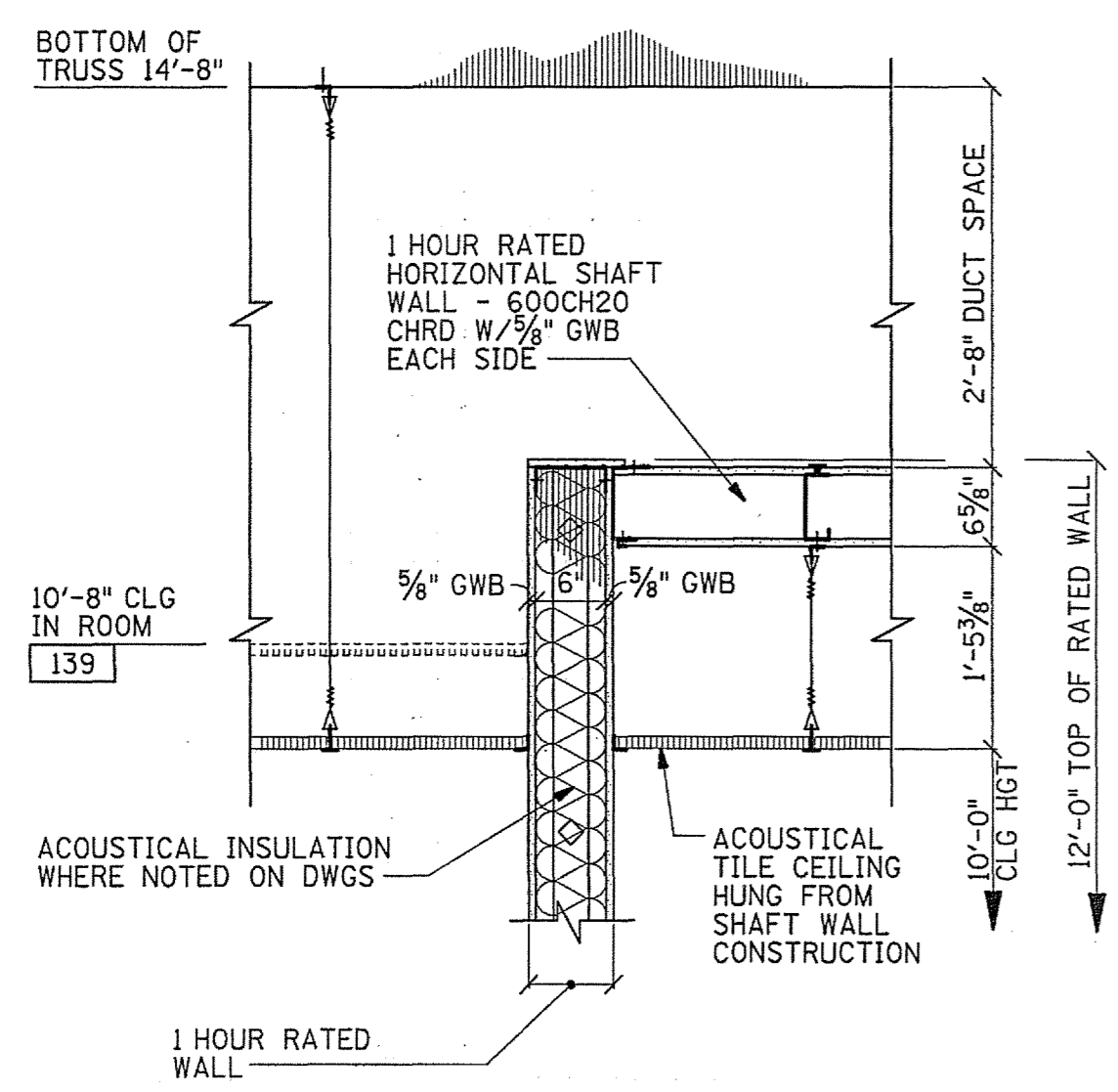


- LEGEND:**
- ACOUSTICAL INSULATION BETWEEN STUDS FULL HEIGHT OF WALL (UNFACED)
 - 1 HR STUD WALL \triangle 1
 - 1 HR WALL WITH ACOUSTICAL INSULATION BETWEEN STUDS \triangle 2
 - 2 HR CMU WALL @ HOLDING CELLS \triangle 3
 - 1 HR STUD WALL EXTENDS TO BOTTOM OF TRUSS \triangle 9
 - 1 HR RATED HORIZONTAL SHAFTWALL CEILING @ 12'-0" W/ HANGING ACOUSTICAL TILE CEILING. SEE DETAIL A ON THIS SHEET
 - 2 LAYERS OF 5/8" GYPSUM WALLBOARD ATTACHED TO BOTTOM OF LIGHT GAGE METAL TRUSS. SIMILAR TO GYPSUM ASSOCIATION FILE NO. RC2500

- WALL TYPE NOTES:**
- \triangle 1 4" METAL STUD WALL - 11'-0" HIGH W/ 5/8" GWB EACH SIDE
 - \triangle 2 4" 1 HR METAL STUD WALL - 12'-0" HIGH W/ 5/8" GWB EACH SIDE AND HORIZONTAL SHAFT WALL CLG. W/ DROPPED ACOUSTICAL TILE CEILING
 - \triangle 3 8" PAINTED CMU WALL - TO BOTTOM OF TRUSS @ 14'-8" HIGH - FILL CMU CORES W/ ACOUSTICAL FOAM INSULATION
 - \triangle 4 6" EXTERIOR METAL STUD WALL = 14'-8" HIGH - GWB TO 11'-0"
 - \triangle 5 6" INTERIOR METAL STUD WALL - 11'-0" HIGH W/ 5/8" GWB EACH SIDE
 - \triangle 6 8" CMU WALL - 8'-0" HIGH - TOP COURSE TO BE SOLID. THORO-SEAL ALL SIDES
 - \triangle 7 4" METAL STUDS TO BOTTOM OF TRUSS - EXTEND GWB ON MECH ROOM SIDE TO BOTTOM OF TRUSS. EXTEND GWB ON E911 SIDE TO 11'-0".
 - \triangle 8 1'-2" CMU & BRICK CONCEALMENT WALL. EXTEND TO \pm 12'-8" AFF. THORO-SEAL EXPOSED CMU
 - \triangle 9 4" OR 6" 1 HOUR METAL STUD WALL AS INDICATED. EXTEND WALL FULL HEIGHT TO BOTTOM OF TRUSS. TO CREATE FIRE PROTECTIVE ENCLOSURE
- NOTE: TYPE \triangle WALL CREATES PERIMETER WHERE GWB IS ATTACHED TO BOTTOM OF TRUSS. FIRE RATED CORRIDORS BUTT INTO THIS WALL TYPE

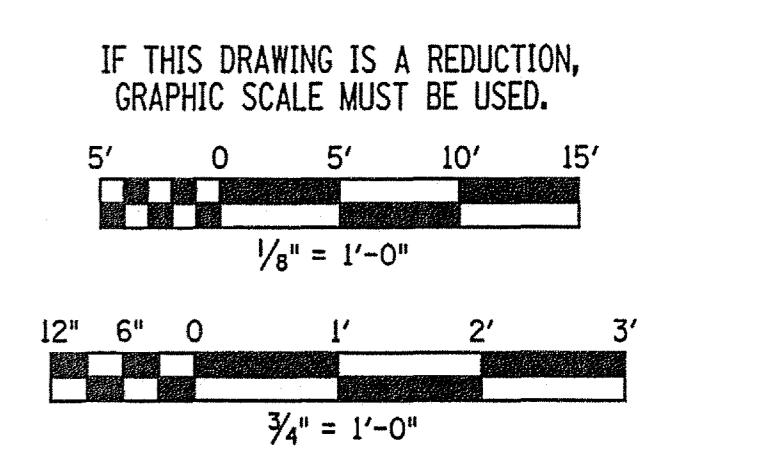


SCHEMATIC WHERE RATED CORRIDOR INTERSECTS W/ RATED WALL

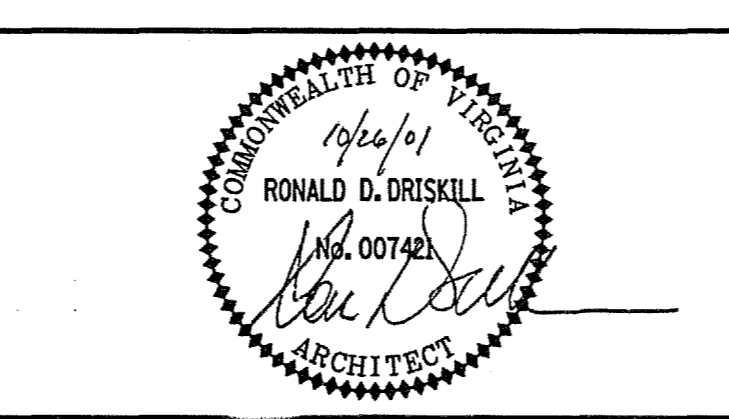


SECTION
SCALE: 3/4" = 1'-0"
A2, A6

FLUVANNA PUBLIC SAFETY BUILDING - WALL TYPES
SCALE: 1/8" = 1'-0"

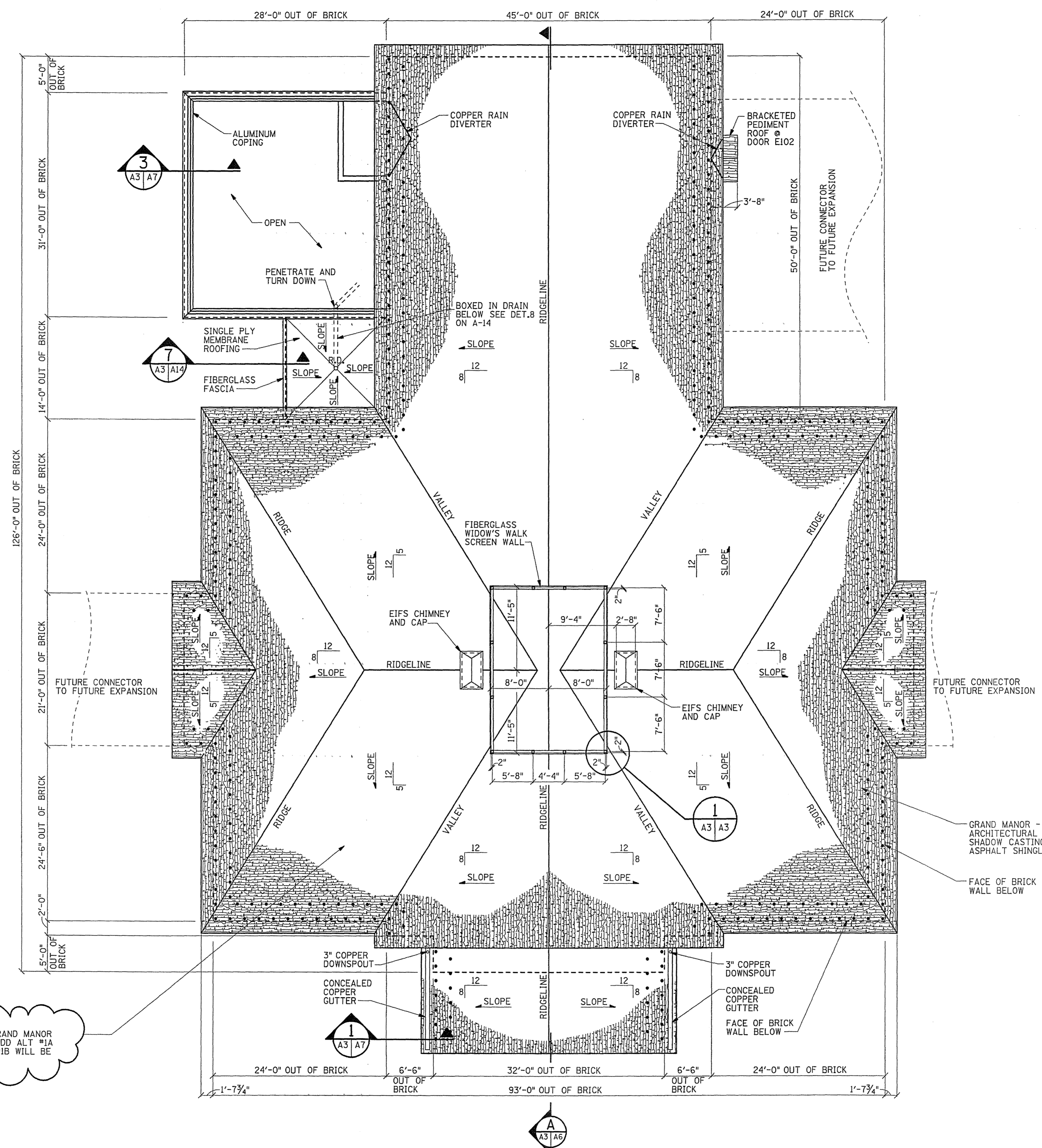


REV.	DATE	BY	APP.	DESCRIPTION

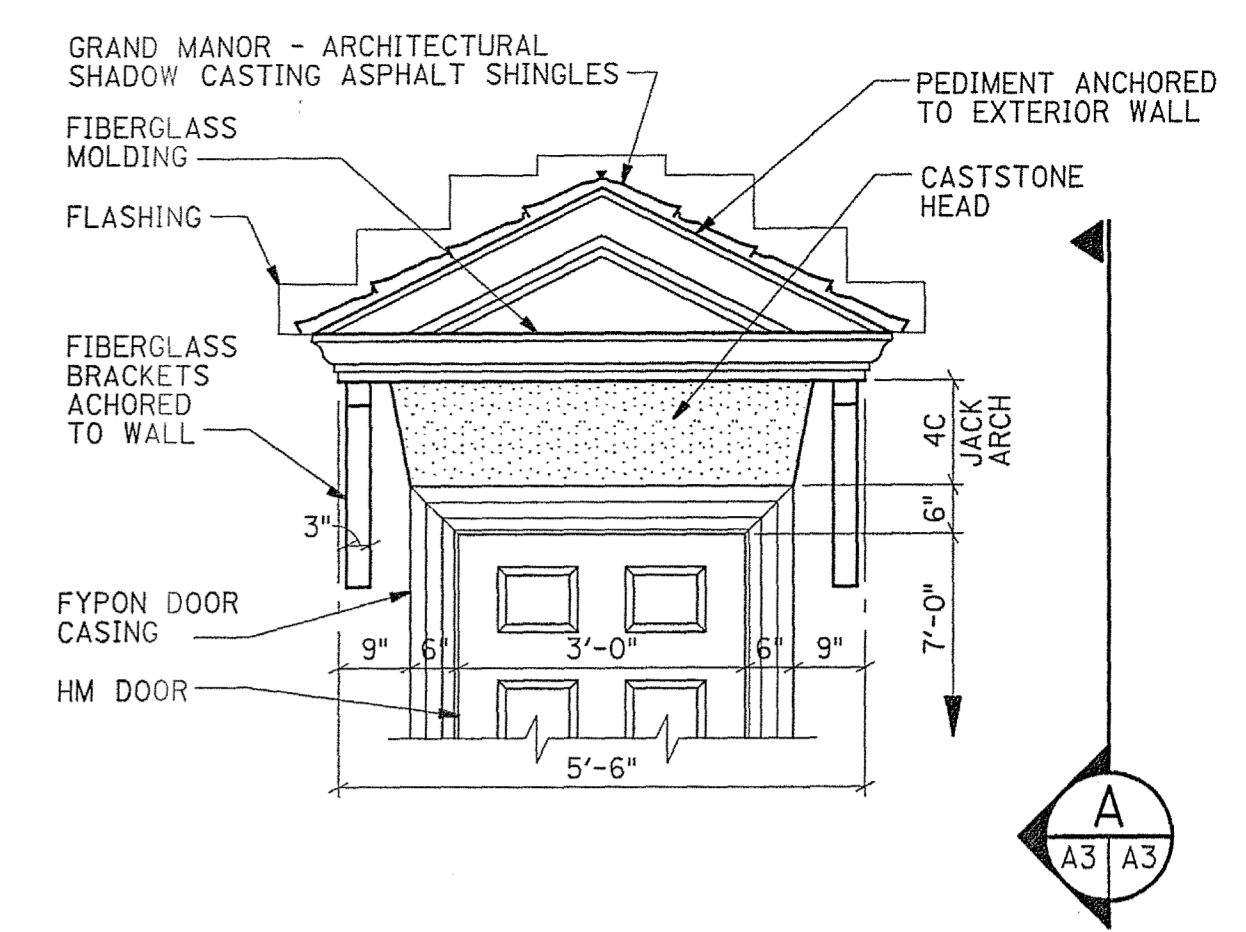


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24505-0877

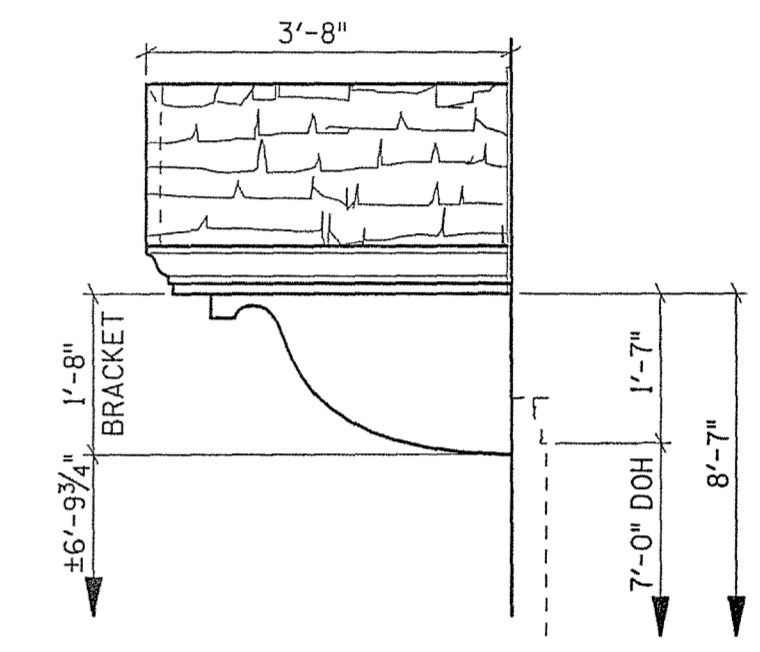
DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDD		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE WALL TYPES
CADD NO. 201087A03		DWG. NO. A-2
DATE 10/26/01		SHEET NO. 16 OF 48
		REV. 0



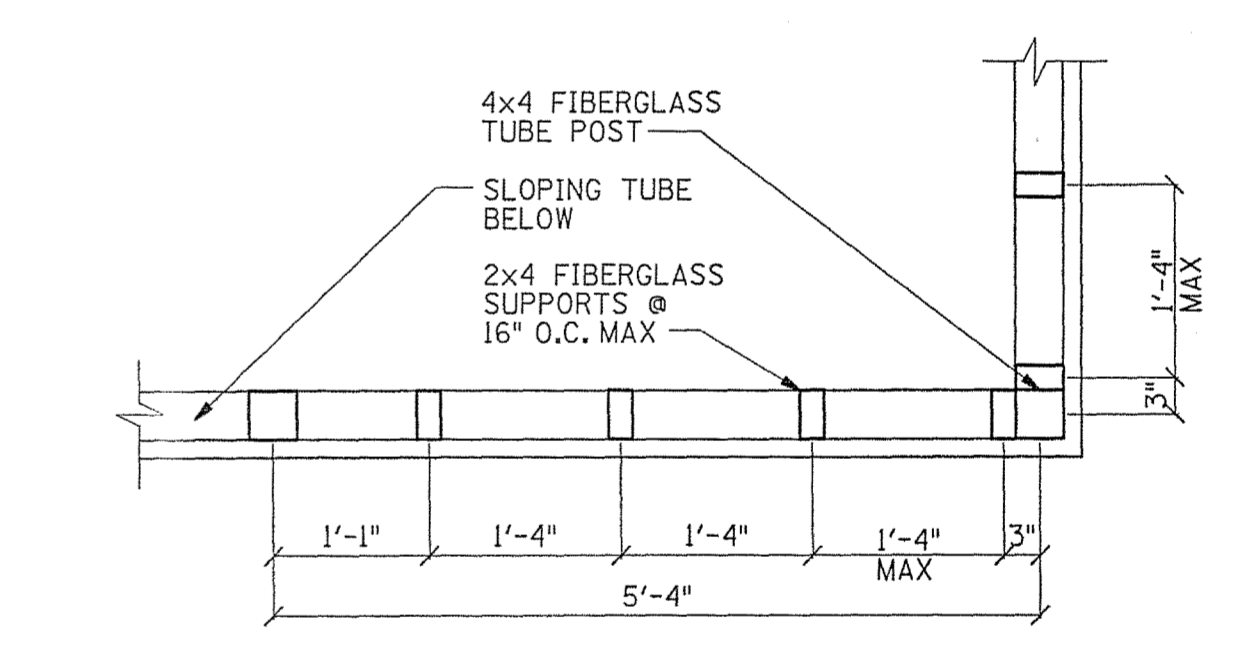
ADD ALT #1: ROOF, BASE BID WILL BE FOR GRAND MANOR ARCHITECTURAL SHADOW CASTING SHINGLES. ADD ALT #1A WILL BE SIMULATED SLATE. ADD ALTERNATE #1B WILL BE FOR METAL STANDING SEAM.



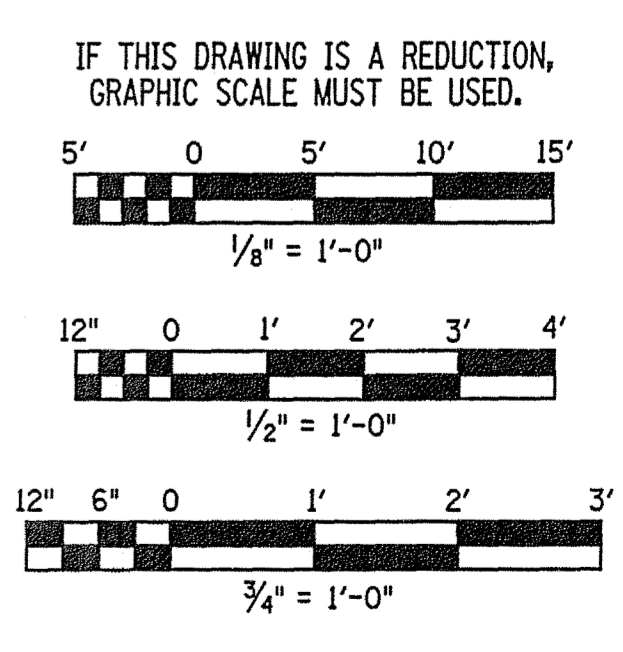
PEDIMENT ROOF OVER DOOR E102
SCALE: 1/2" = 1'-0"
FRONTAL ELEVATION



PEDIMENT ROOF OVER DOOR E102
SCALE: 1/2" = 1'-0"
SIDE ELEVATION

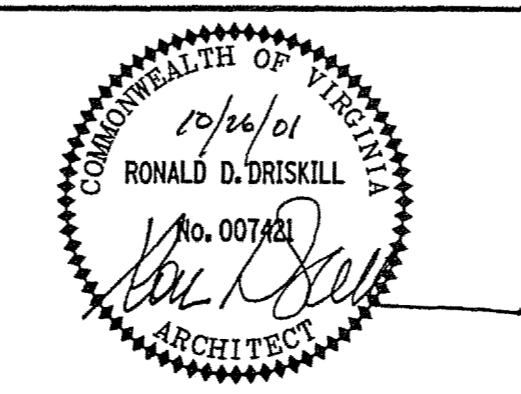


WIDOW'S WALK FRAMING DETAIL
SCALE: 3/4" = 1'-0"
A3, A13



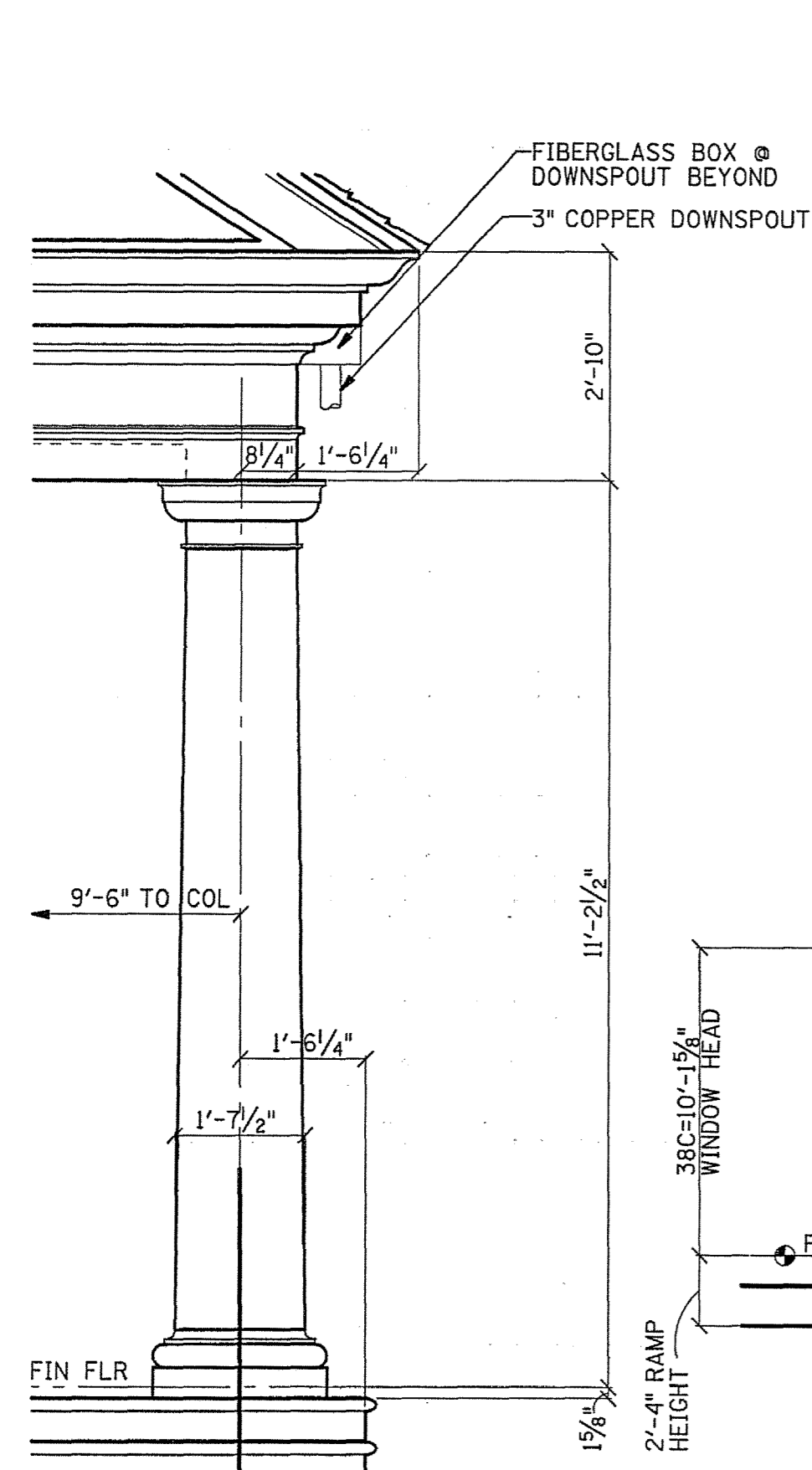
FLUVANNA PUBLIC SAFETY BUILDING - ROOF PLAN
SCALE: 1/8" = 1'-0"

REV.	DATE	BY	APP.	DESCRIPTION



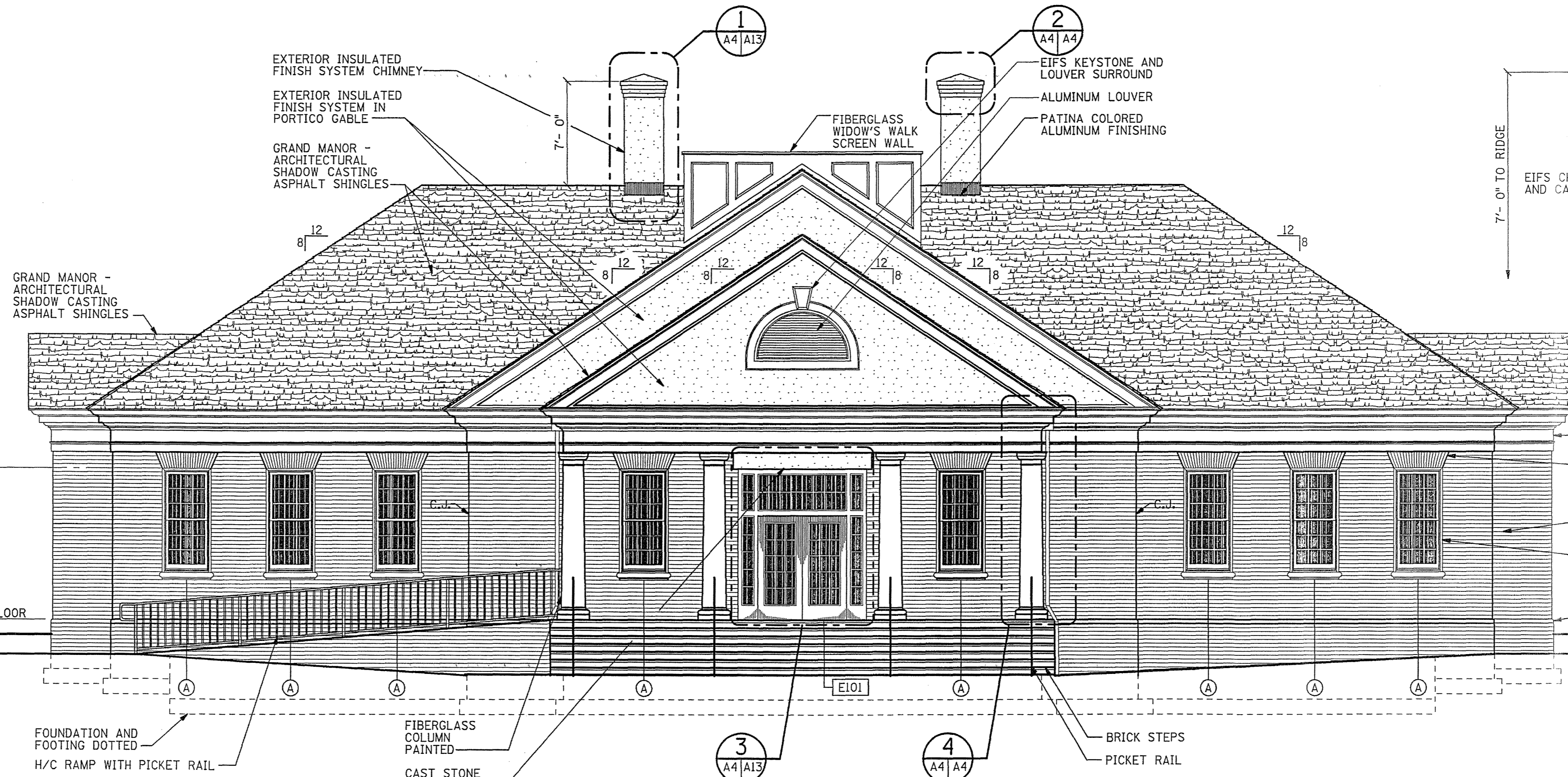
Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDD		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE ROOF PLAN
CADD NO. 201087A02		SHEET NO. A-3
DATE 10/26/01	DWG. NO.	17 OF 48

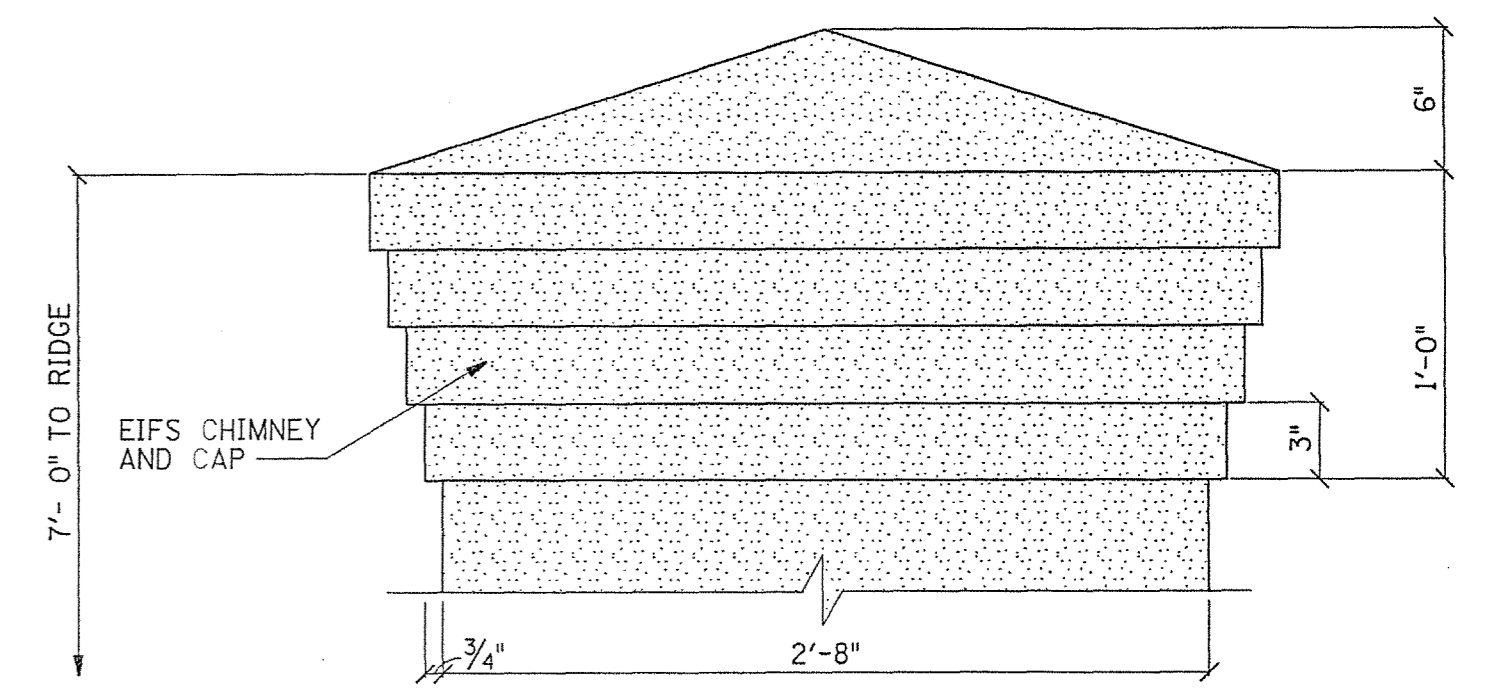


DETAIL
SCALE: 1/2" = 1'-0"

4
A4 | A4

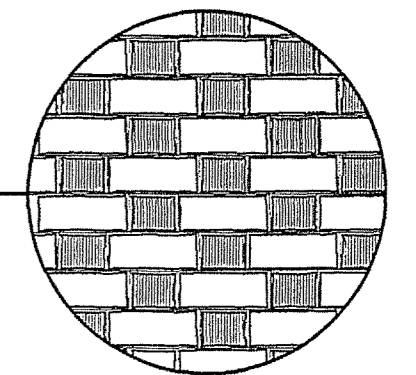


FLUVANNA PUBLIC SAFETY BUILDING - FRONT ELEVATION
SCALE: 3/16" = 1'-0"

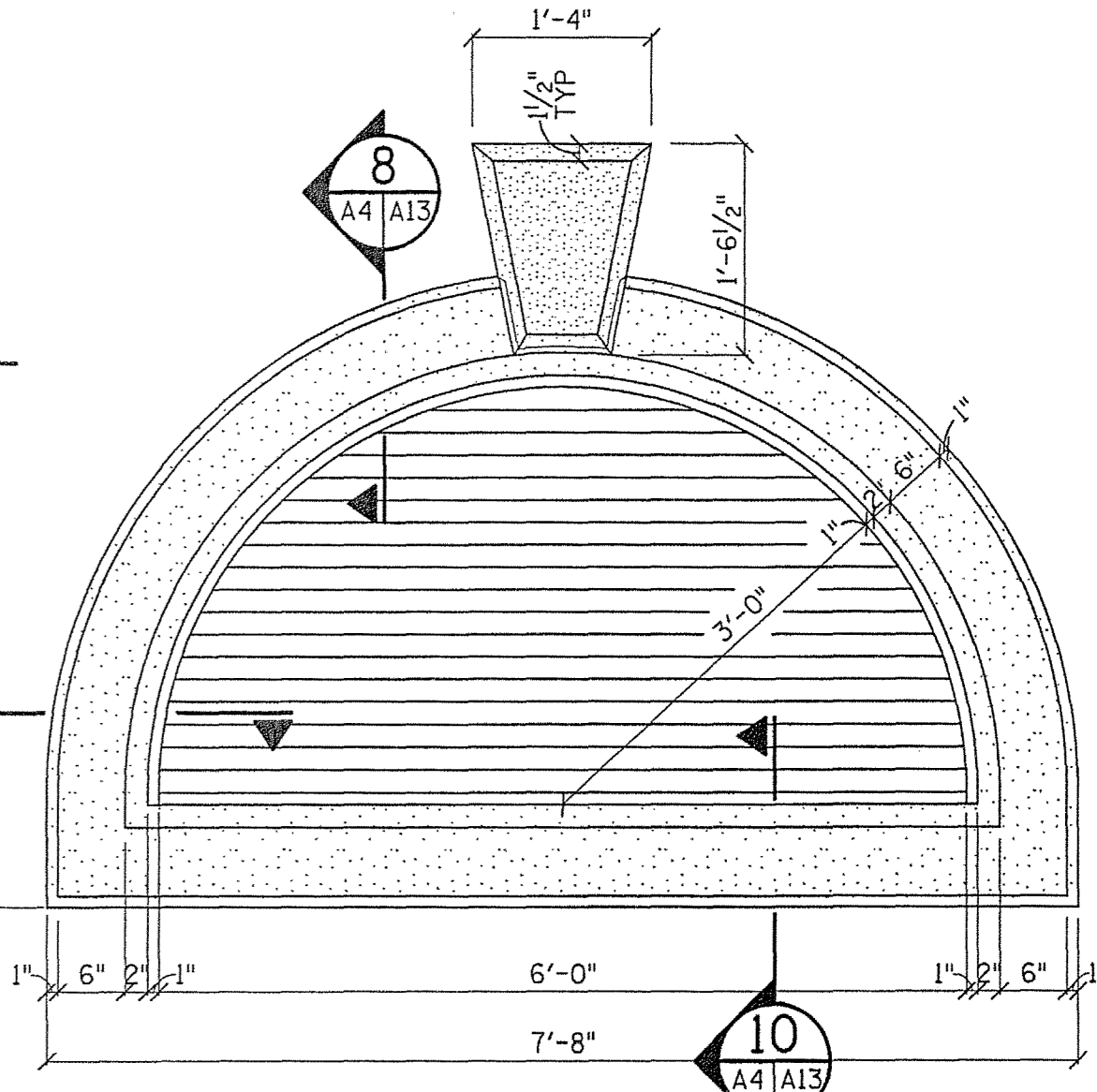


DETAIL
SCALE: 1 1/2" = 1'-0"

2
A4 | A4

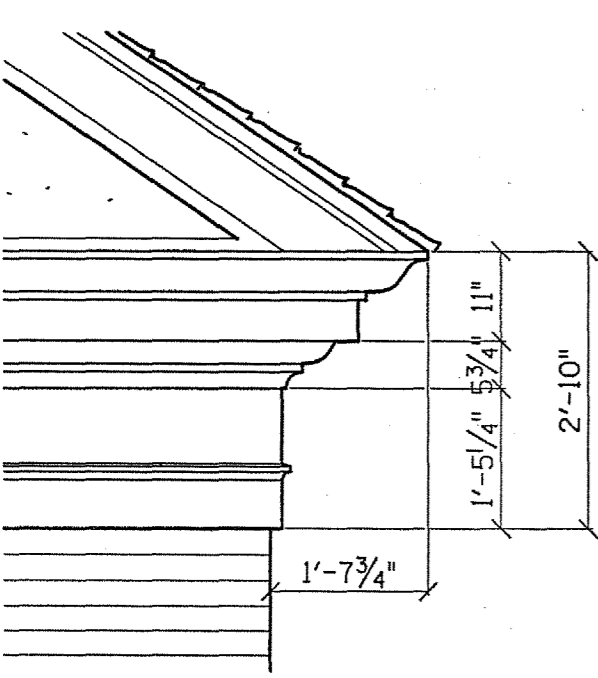


- FIBERGLASS FASCIA AND ENTABLATURE
- BRICK JACK ARCH (ACCENT BRICK, TYP)
- OVERSIZED BRICK (FLEMISH BOND W/ GRAPEVINE JOINT)
- DOUBLE HUNG CLAD WINDOWS
- SPECIAL SHAPED BRICK WATER TABLE
- APPROXIMATE FINISH GRADE @ BUILDING FACE



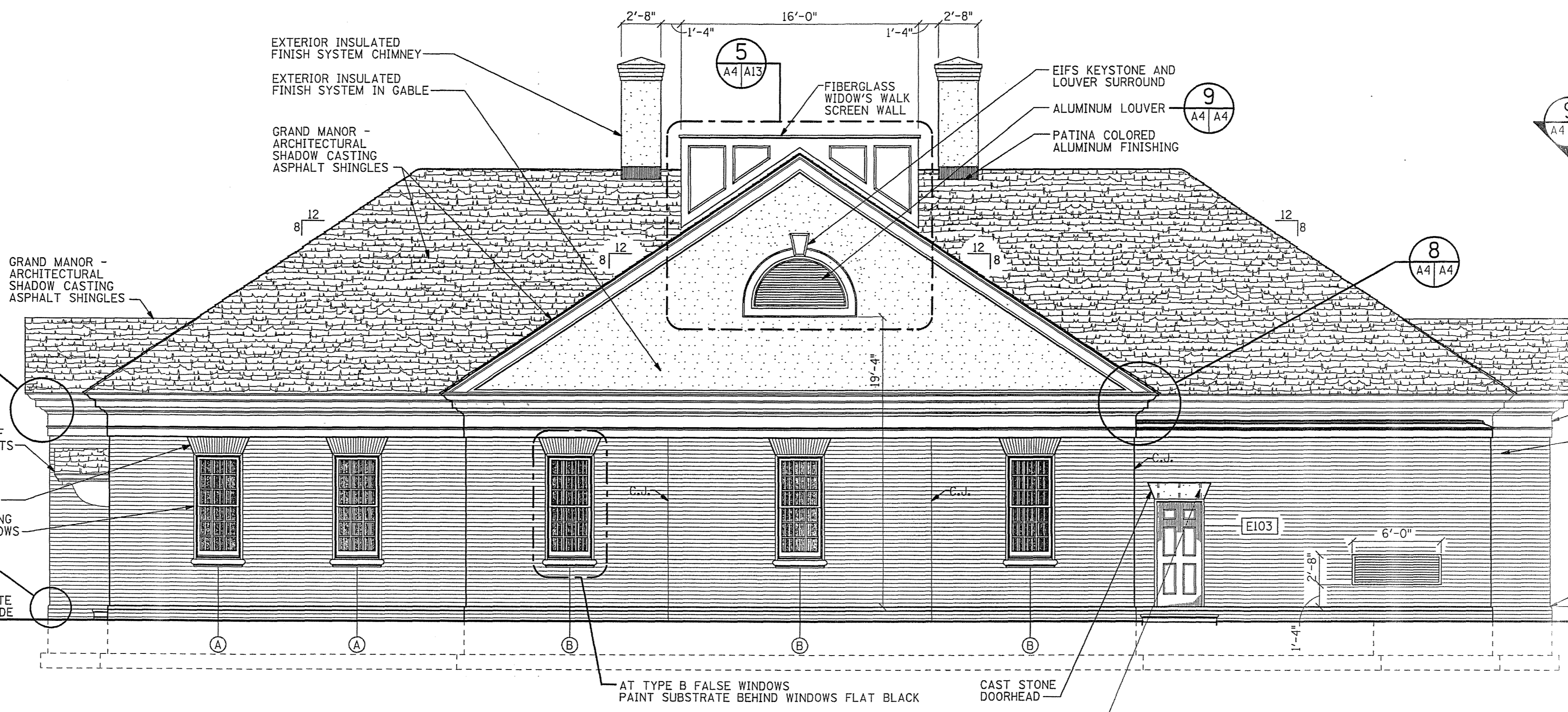
LOUVER DETAIL
SCALE: 3/4" = 1'-0"

9
A4 | A4

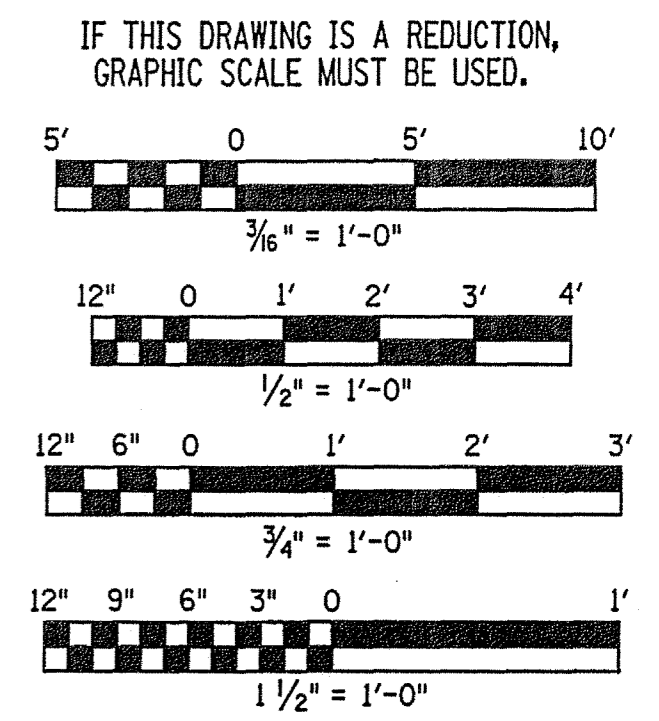


DETAIL
SCALE: 1/2" = 1'-0"

8
A4 | A4

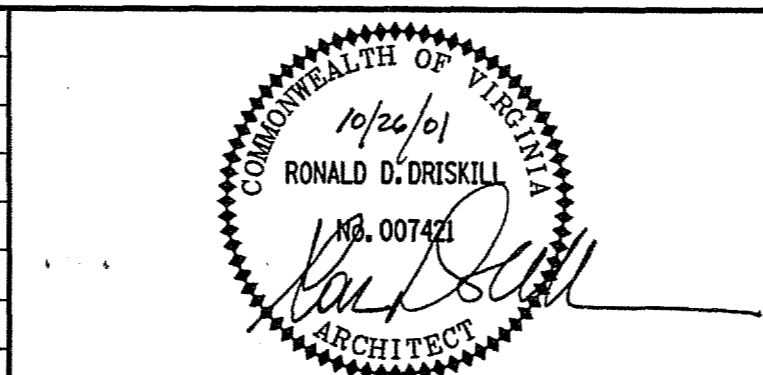


FLUVANNA PUBLIC SAFETY BUILDING - REAR ELEVATION
SCALE: 3/16" = 1'-0"



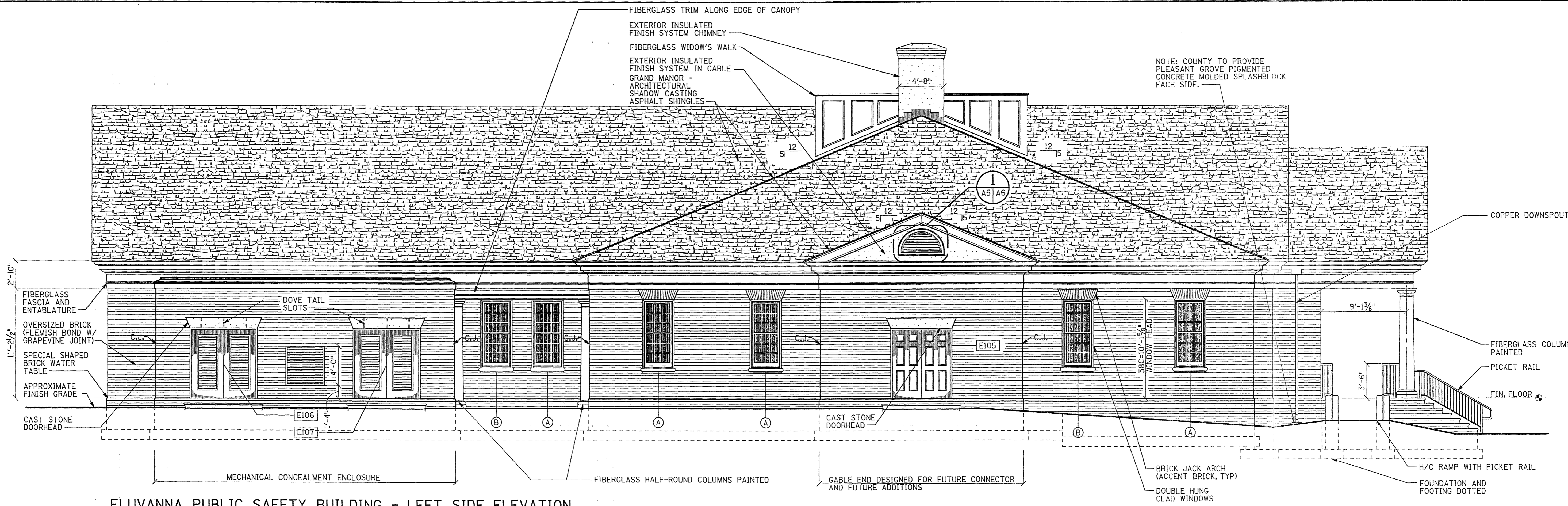
IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.

REV.	DATE	BY	APP.	DESCRIPTION



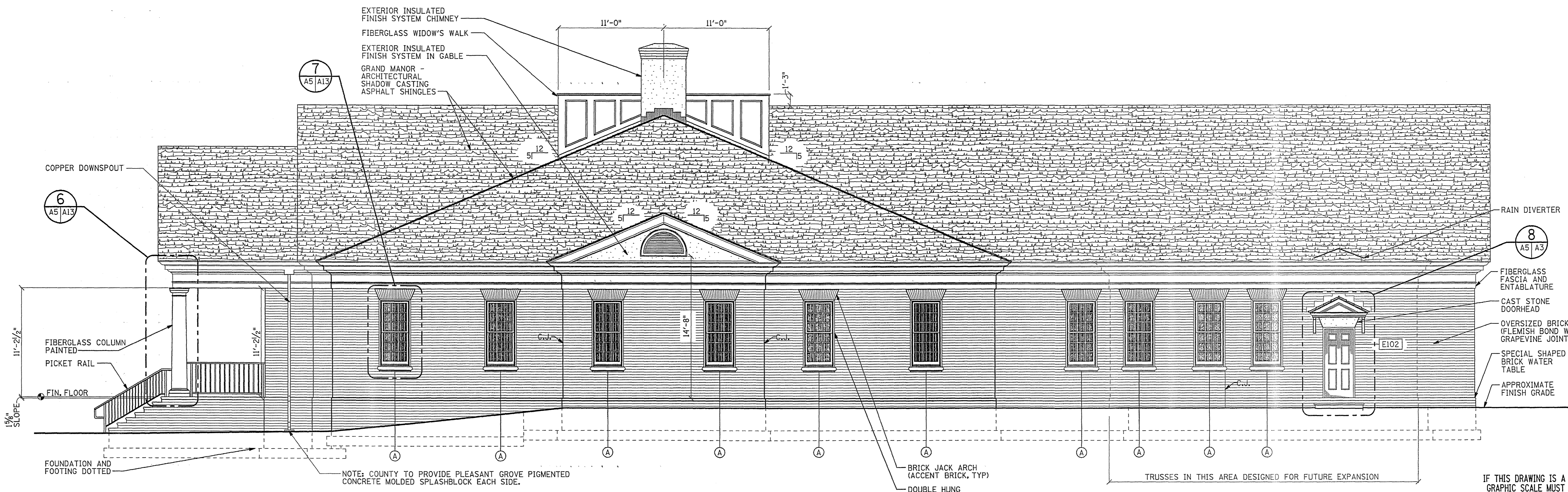
Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDD		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE FRONT & REAR ELEVATIONS
CADD NO. 201087A04		DWG. NO. A-4
DATE 10/26/01		SHEET NO. 18 OF 48
		REV. 0



FLUVANNA PUBLIC SAFETY BUILDING - LEFT SIDE ELEVATION

SCALE: 3/16" = 1'-0"



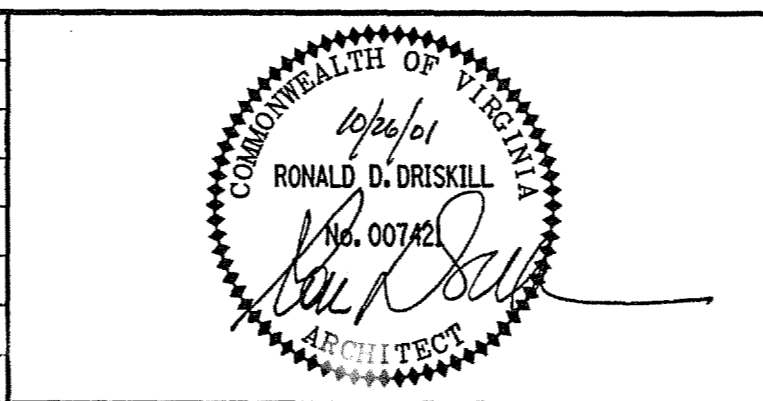
FLUVANNA PUBLIC SAFETY BUILDING - RIGHT SIDE ELEVATION

SCALE: 3/16" = 1'-0"

IF THIS DRAWING IS A REDUCTION,
GRAPHIC SCALE MUST BE USED.

3/16" = 1'-0"

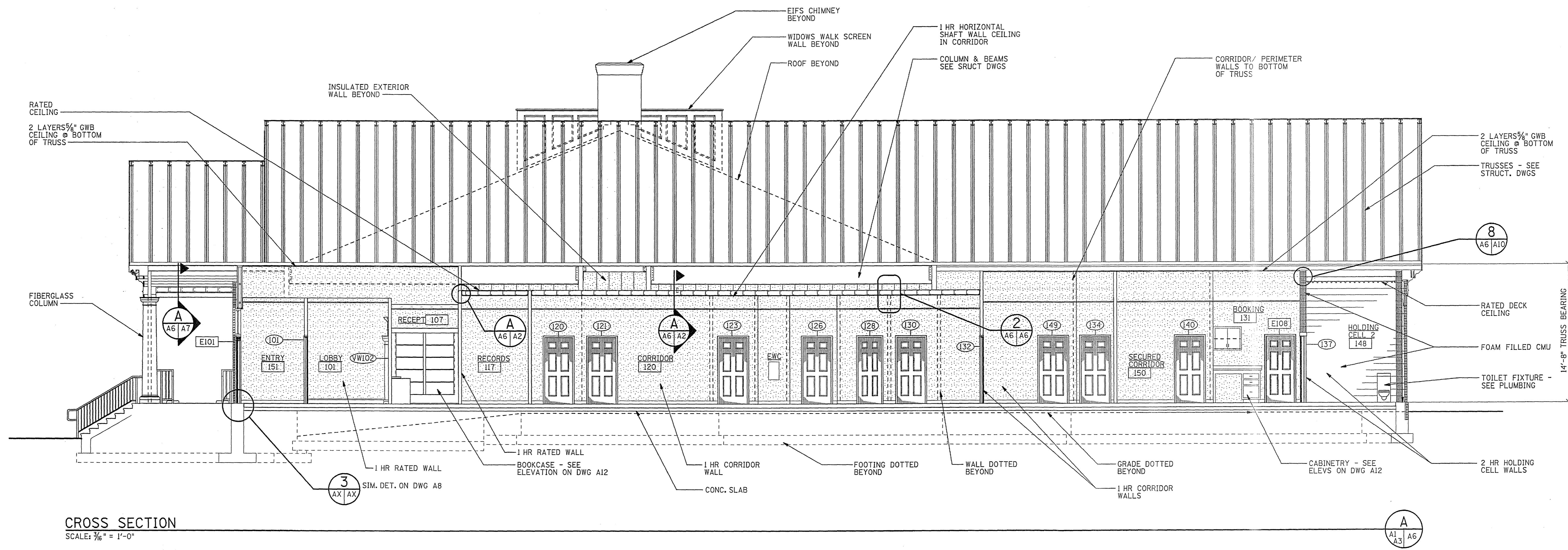
REV.	DATE	BY	APP.	DESCRIPTION



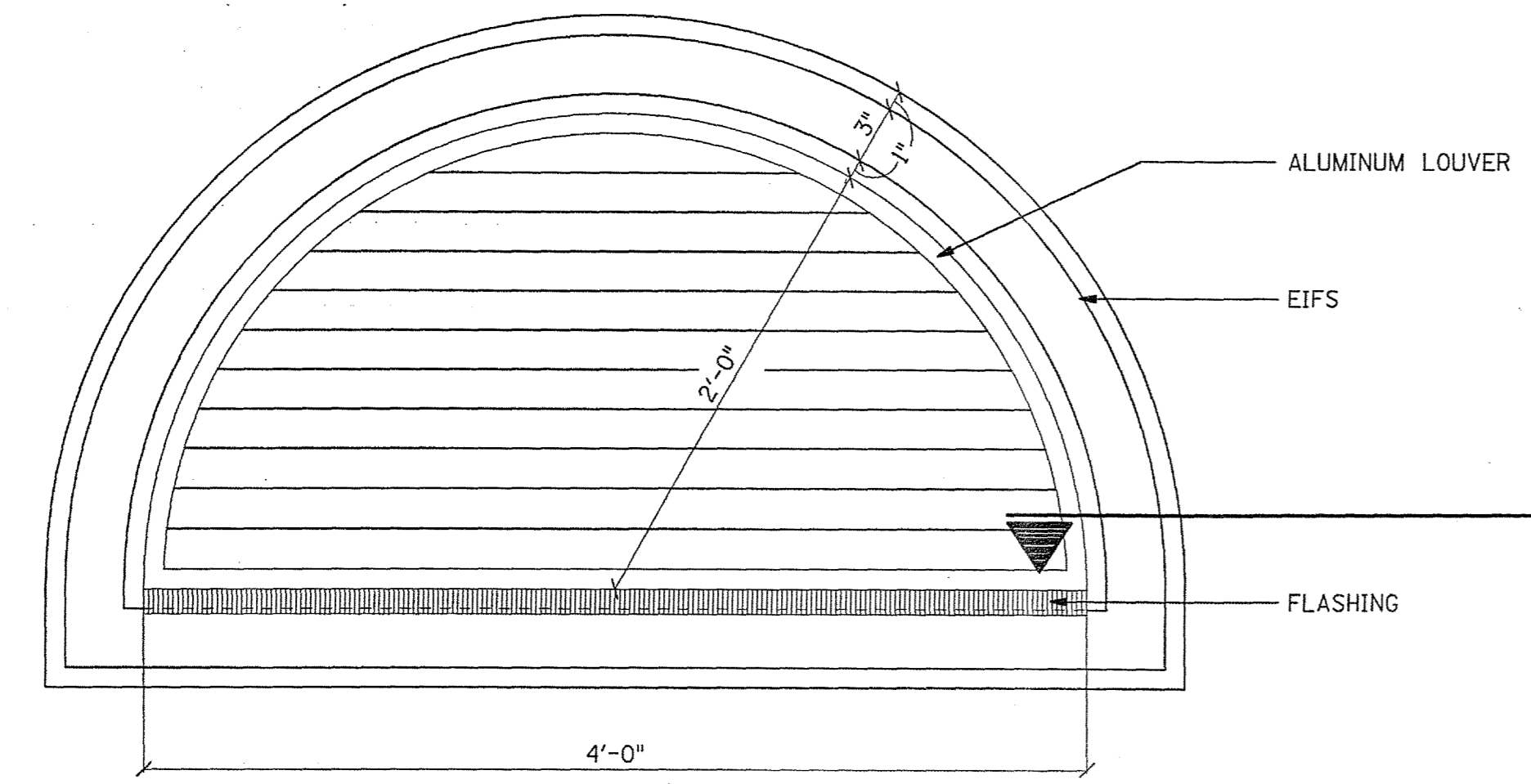
Wiley & Wilson
ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED RDD	DRAWN CSE	PROJECT
CHECKED RDD		REFERENCE
COMM. NO. 201087.10		TITLE
CADD NO. 201087A05		DWG. NO.
DATE 10/26/01		SHEET NO.

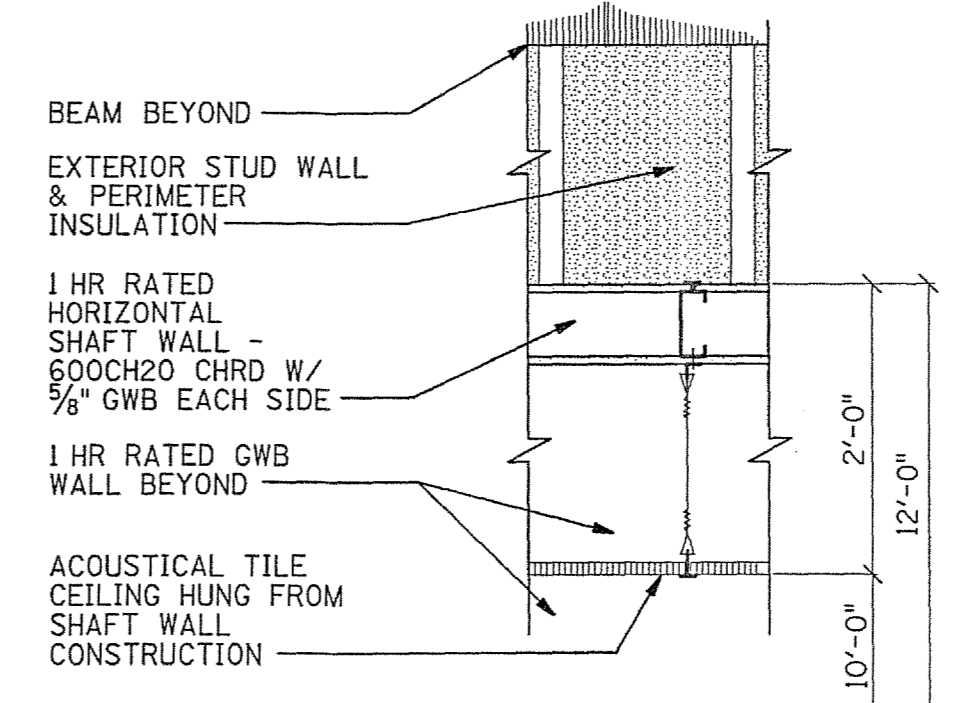
PROJECT		FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA	
REFERENCE		ARCHITECTURAL	
TITLE		LEFT & RIGHT ELEVATIONS	
DWG. NO.	A-5	SHEET NO.	19 OF 48
REV.			0



CROSS SECTION
SCALE: 3/16" = 1'-0"

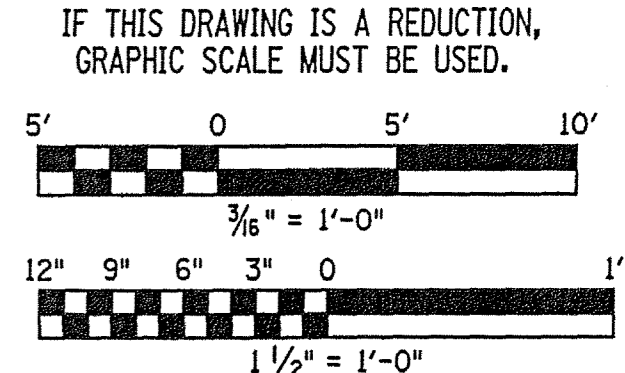


DETAIL
SCALE: 1/2" = 1'-0"

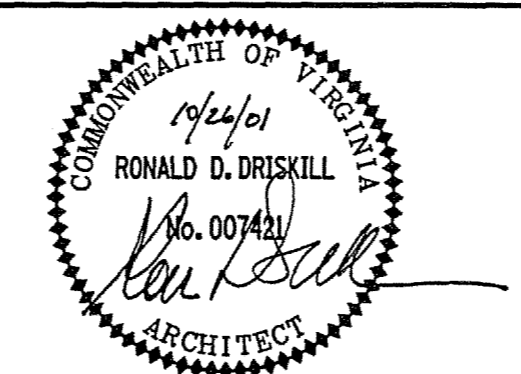


NOTE: SEAL ALL PENETRATIONS THROUGH RATED CONSTRUCTION TO MAINTAIN RATED CONSTRUCTION.

SECTION
SCALE: 3/4" = 1'-0"

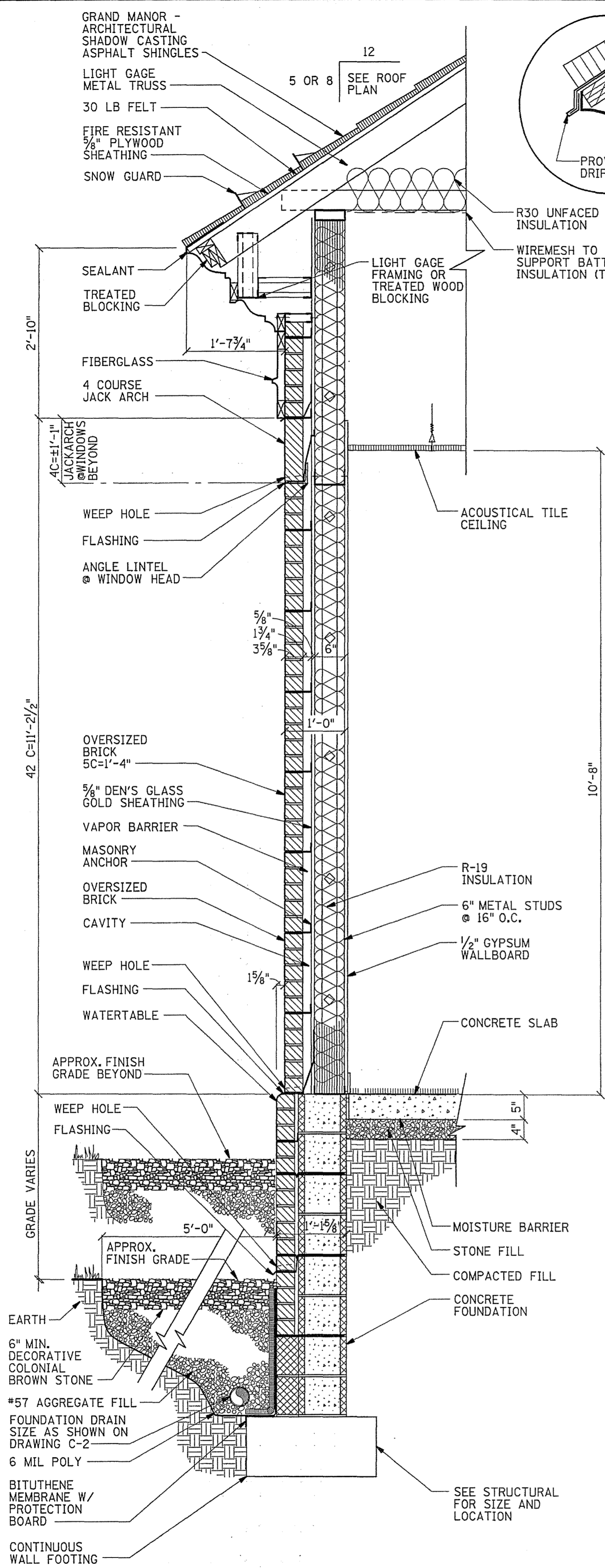


REV.	DATE	BY	APP.	DESCRIPTION

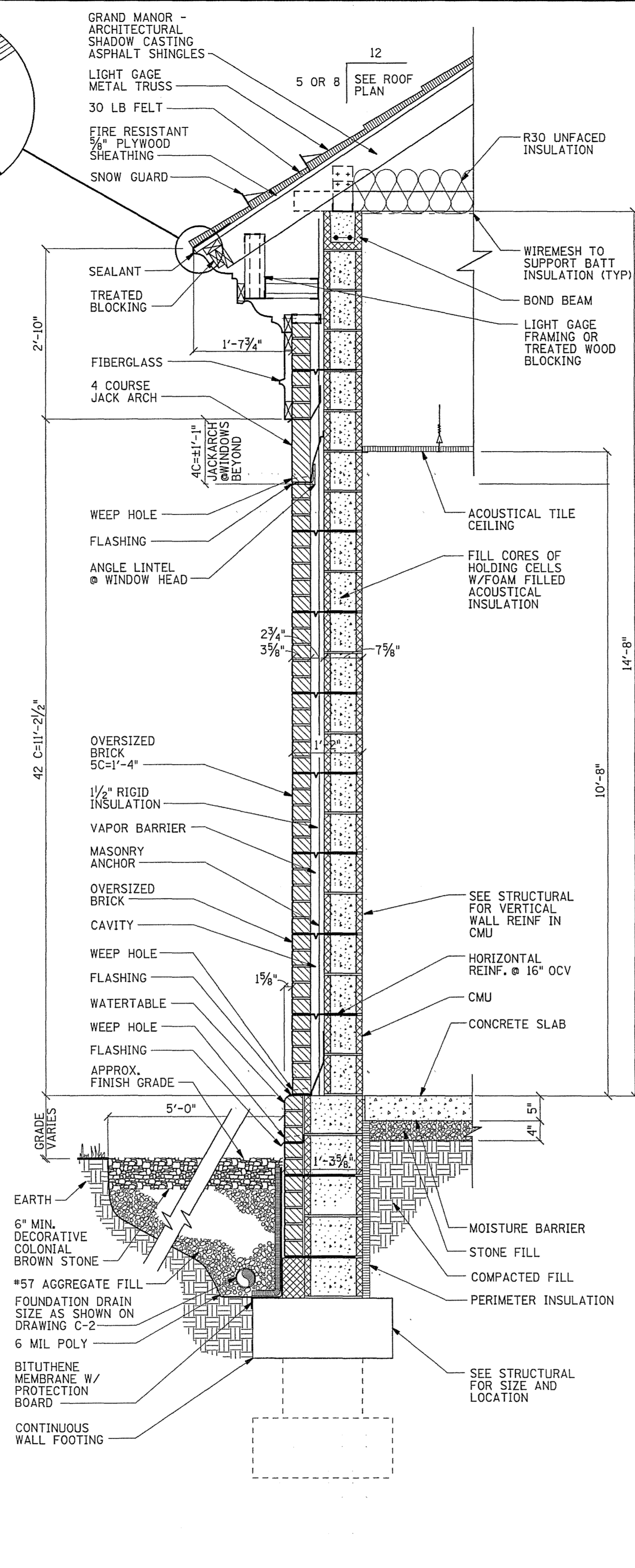


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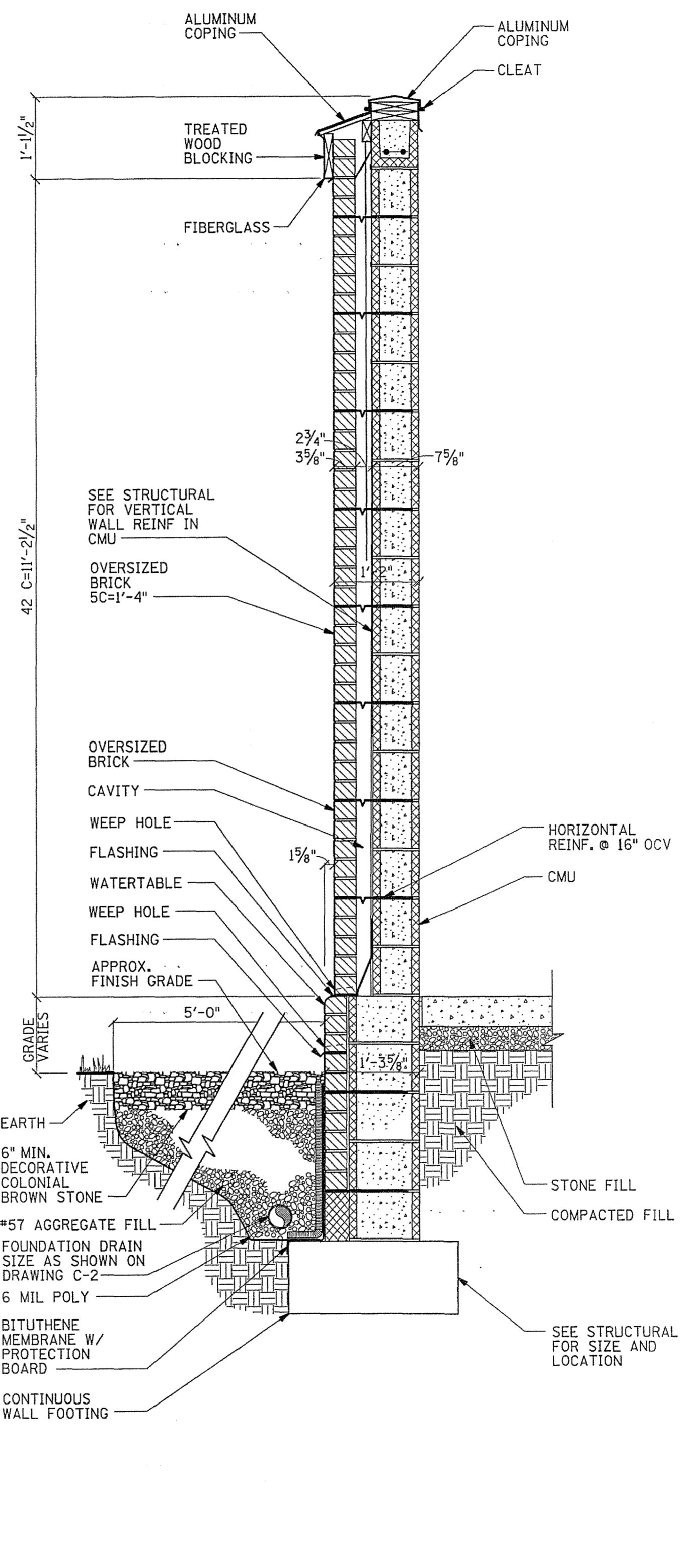
DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDP		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE CROSS SECTION
CADD NO. 201087A06		DWG. NO. A-6
DATE 10/26/01		SHEET NO. 20 OF 48



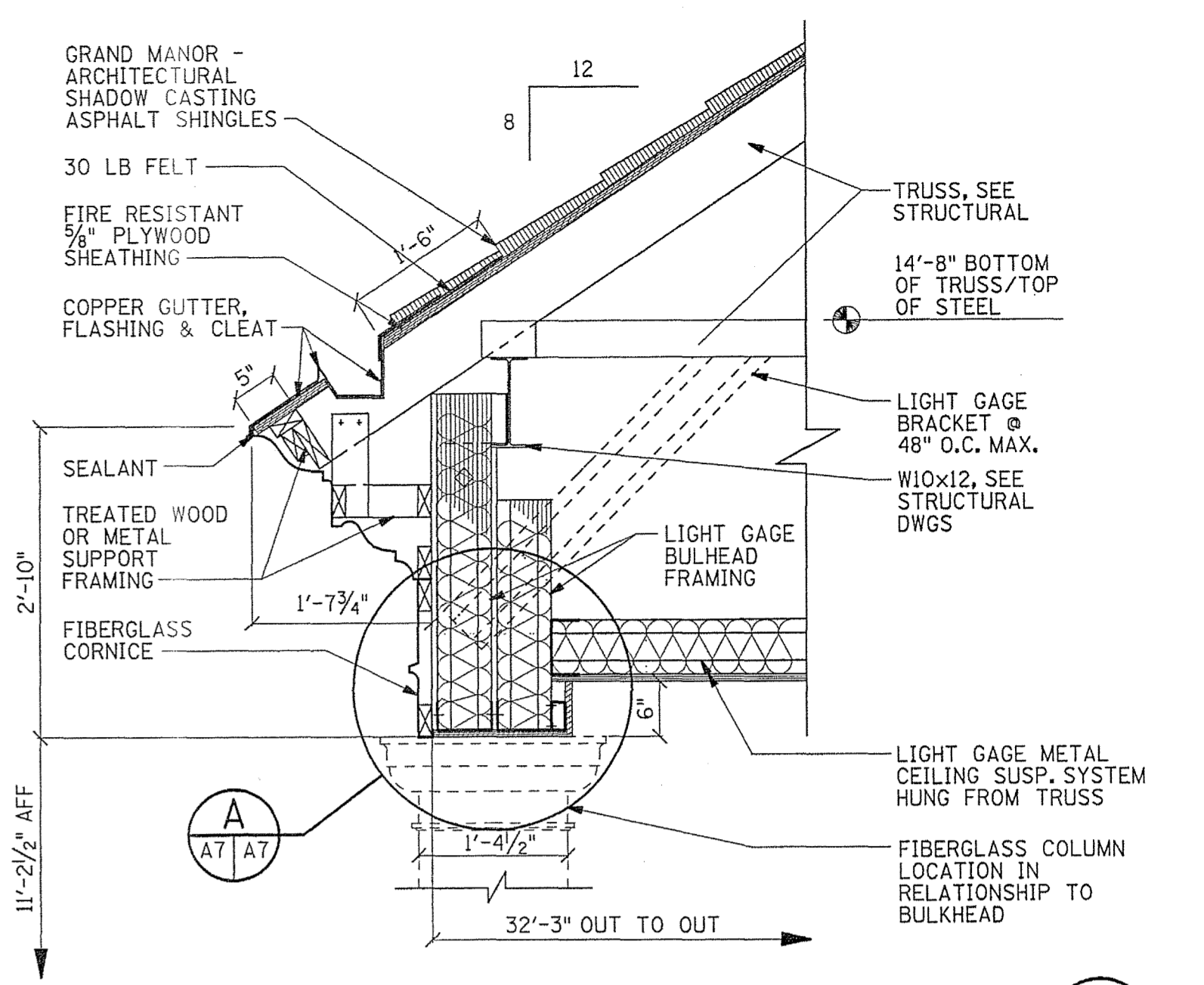
WALL SECTION 1
SCALE: 3/4" = 1'-0"



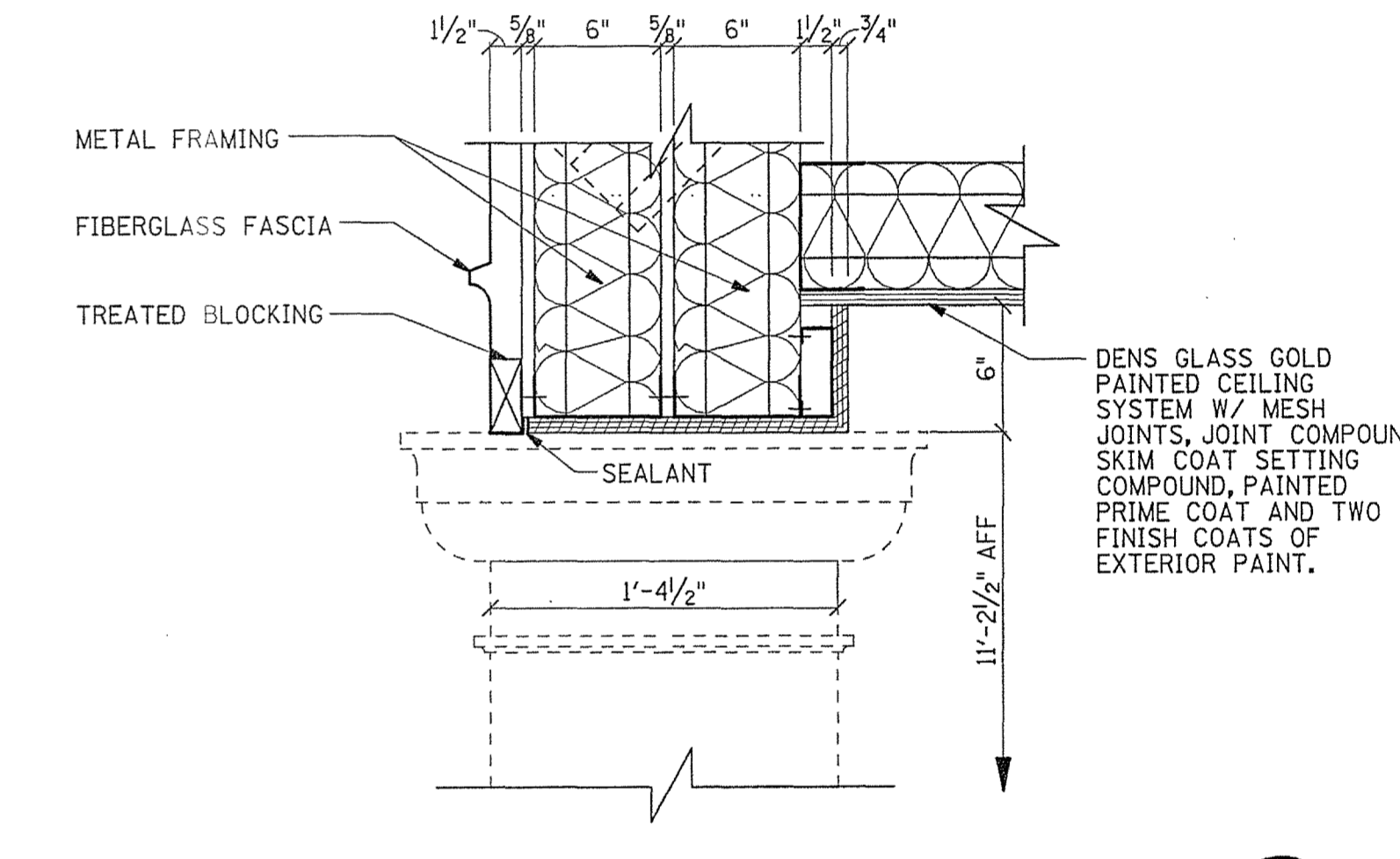
WALL SECTION 2
SCALE: 3/4" = 1'-0"



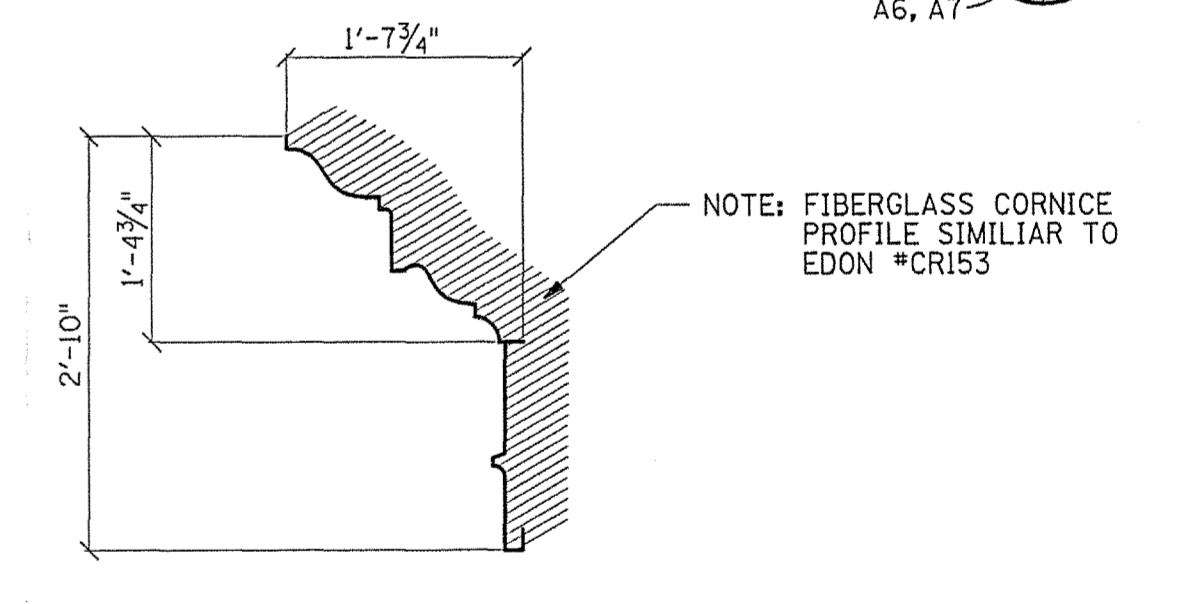
WALL SECTION 3
SCALE: 3/4" = 1'-0"



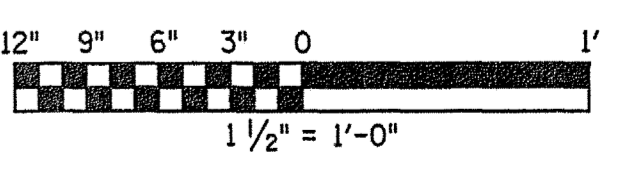
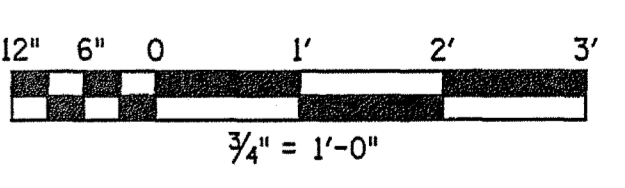
DETAIL 1
SCALE: 3/4" = 1'-0"



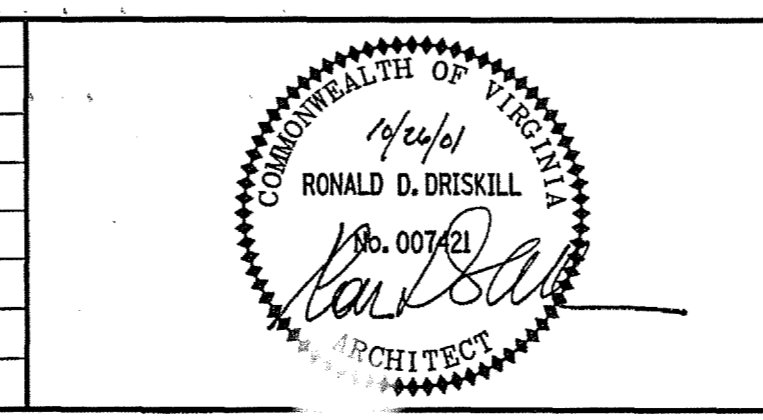
DETAIL A
SCALE: 1/2" = 1'-0"



IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.



REV.	DATE	BY	APP.	DESCRIPTION

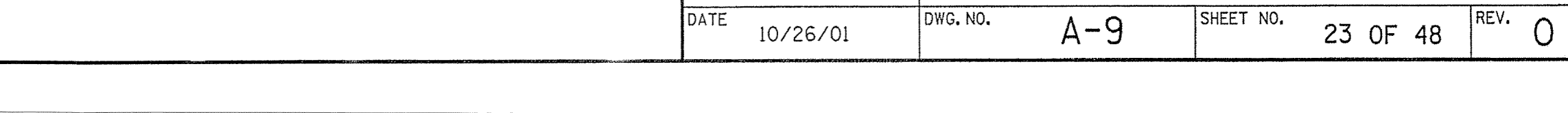
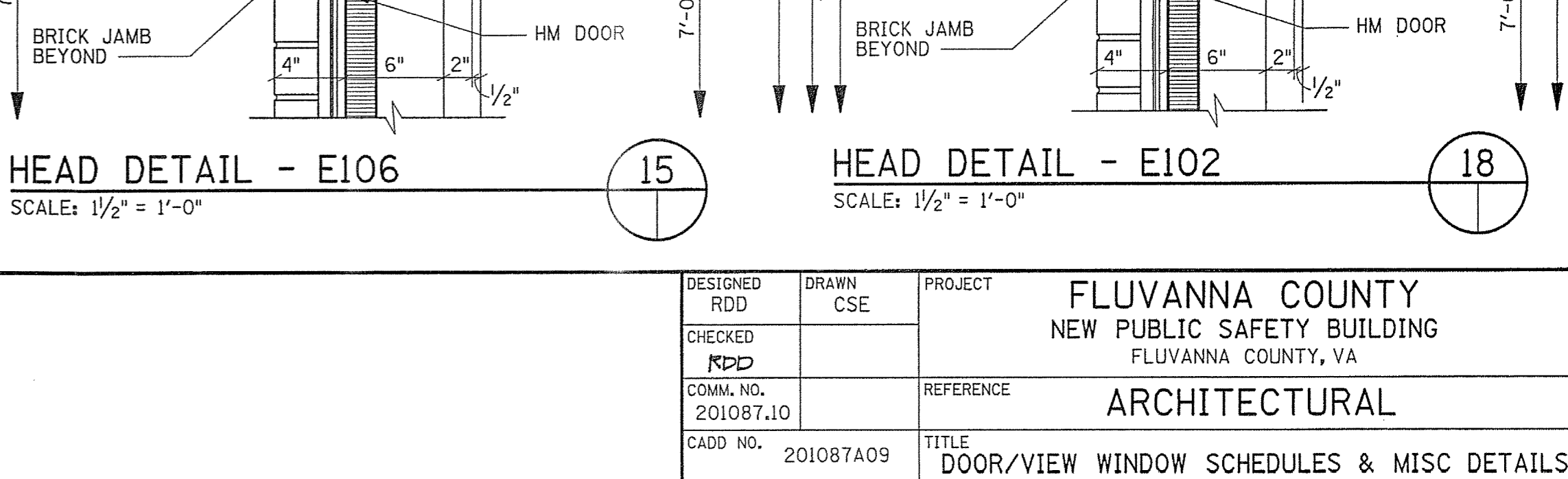
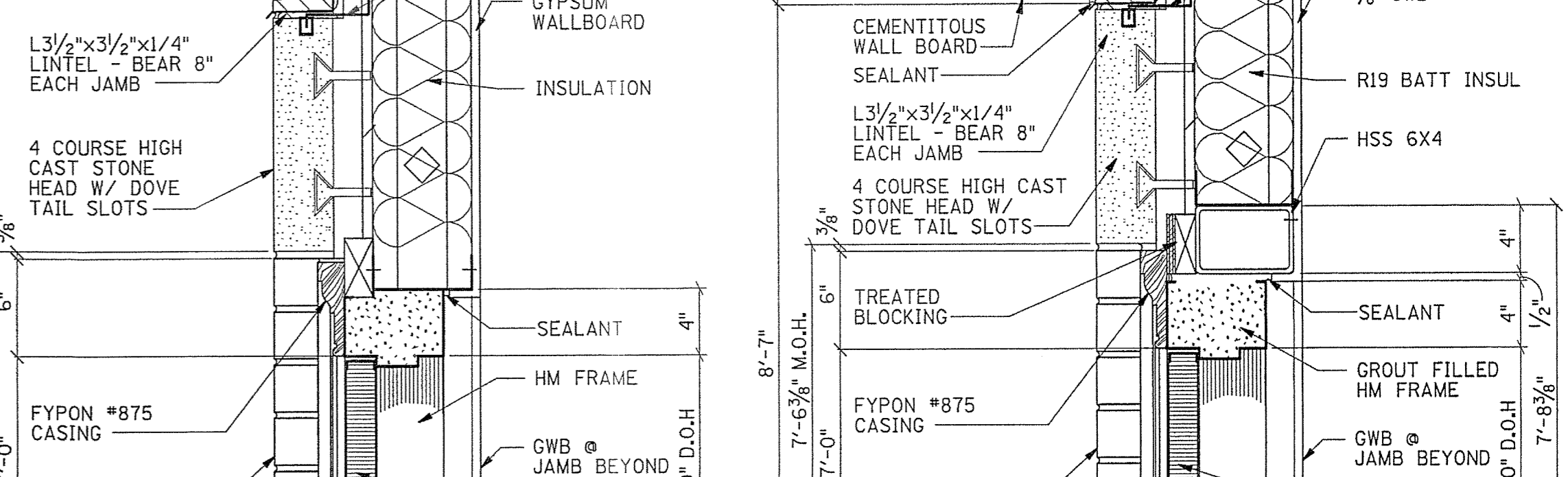
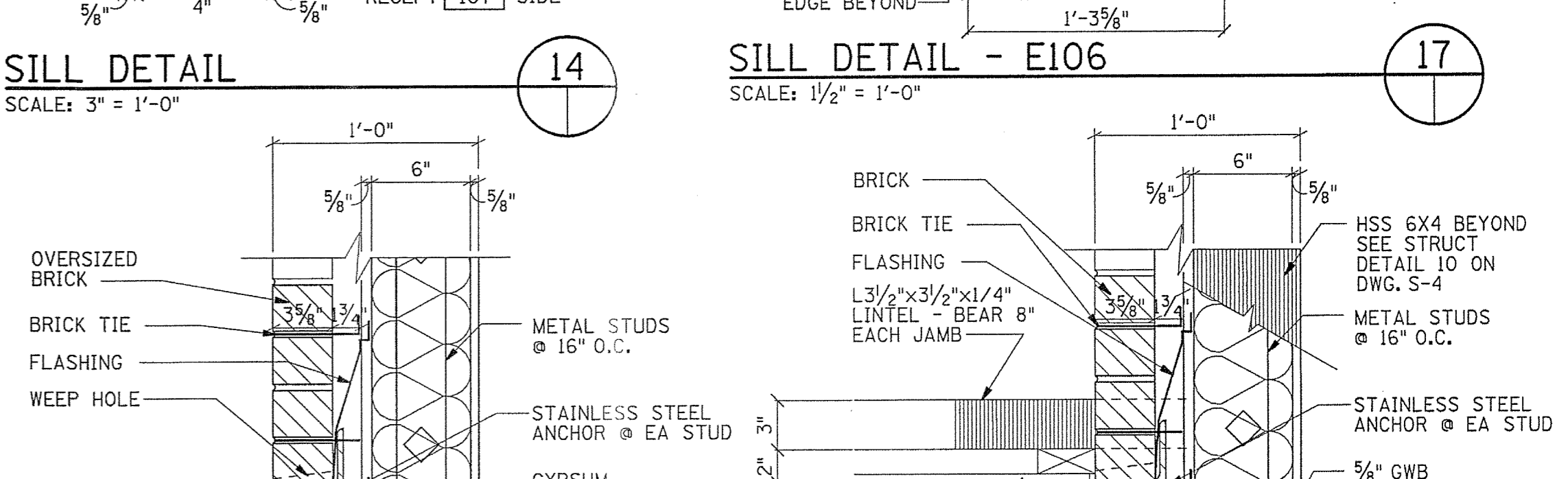
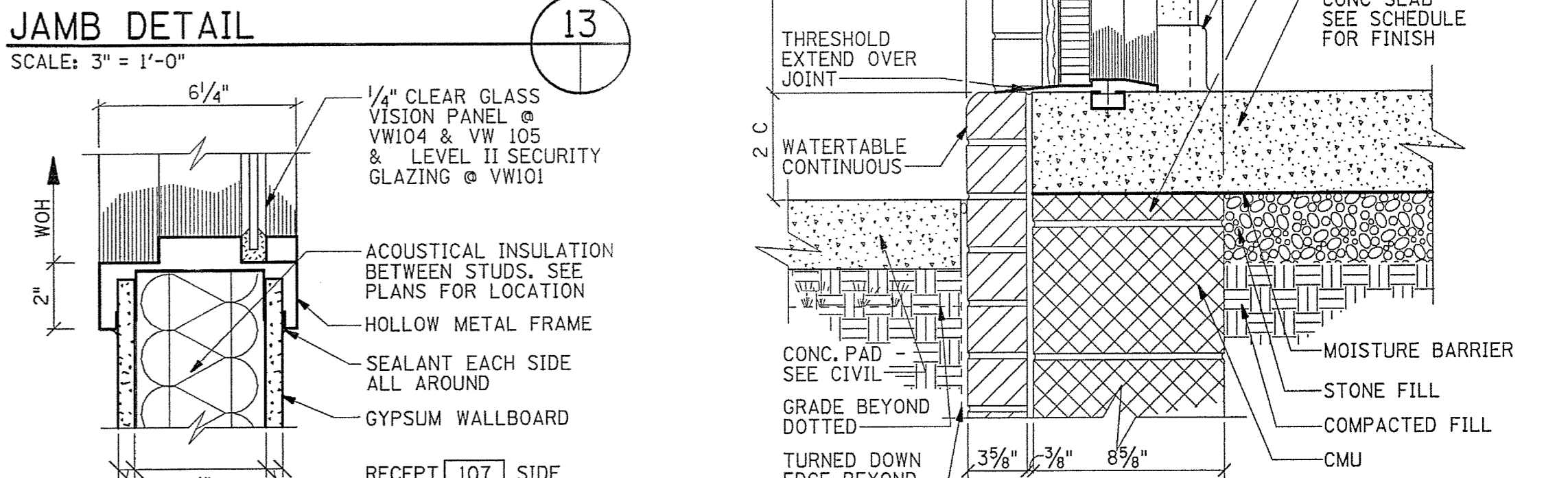
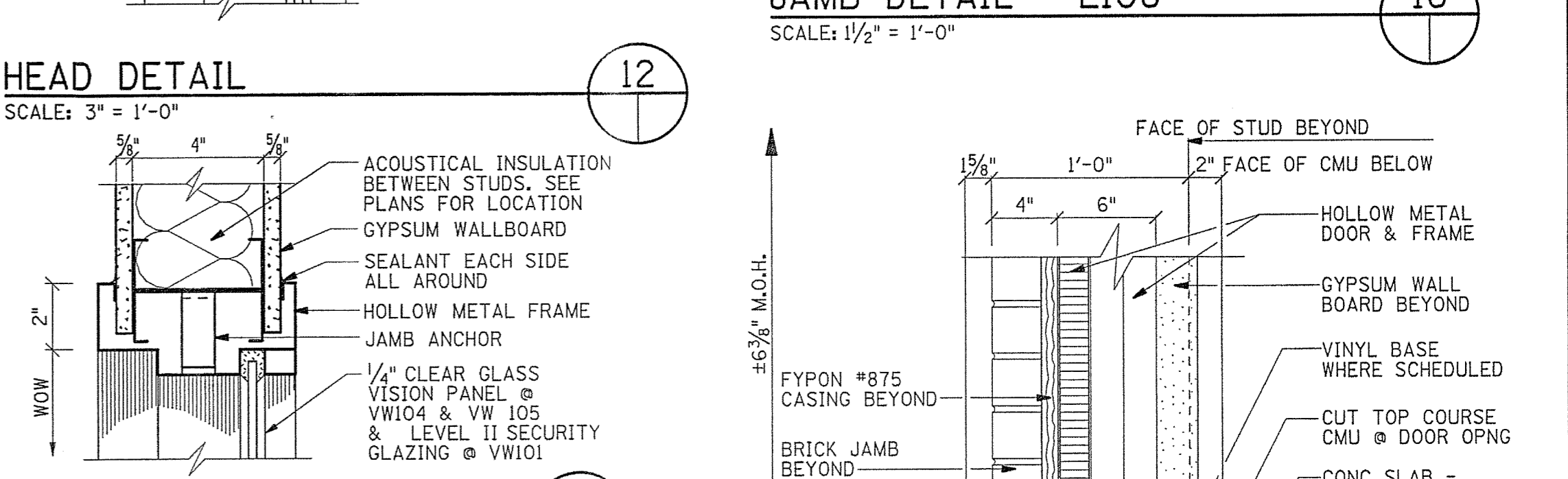
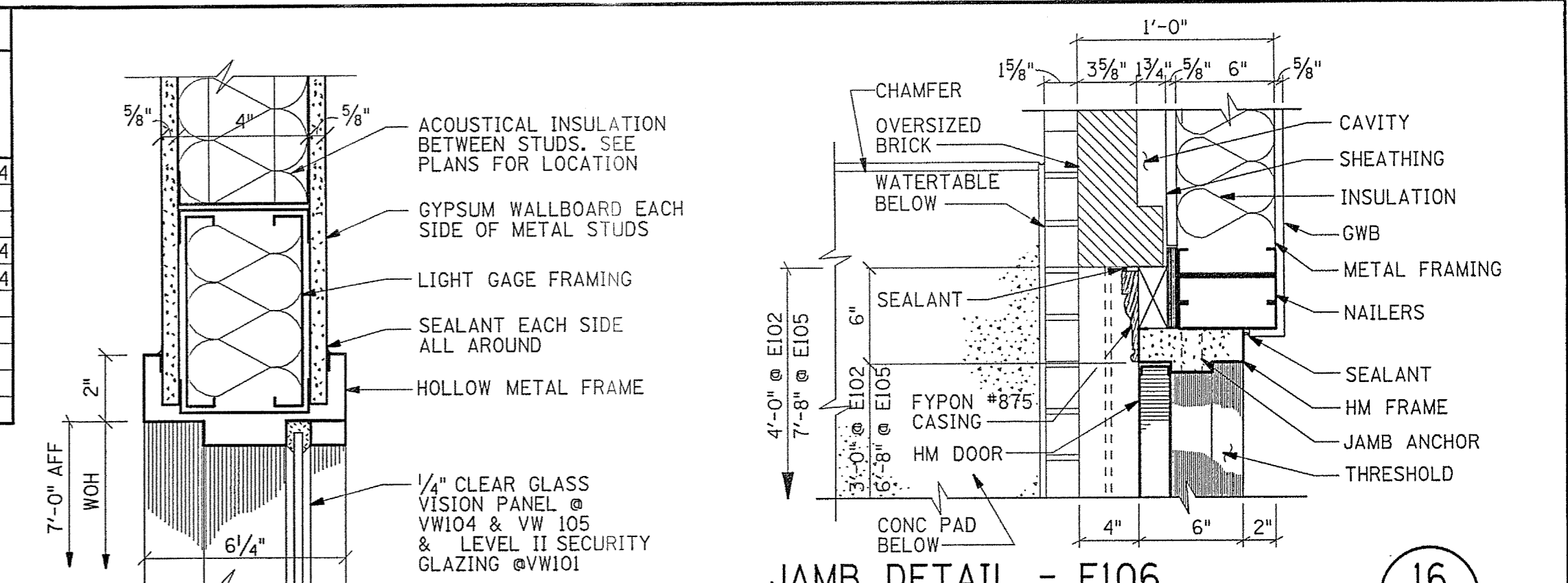
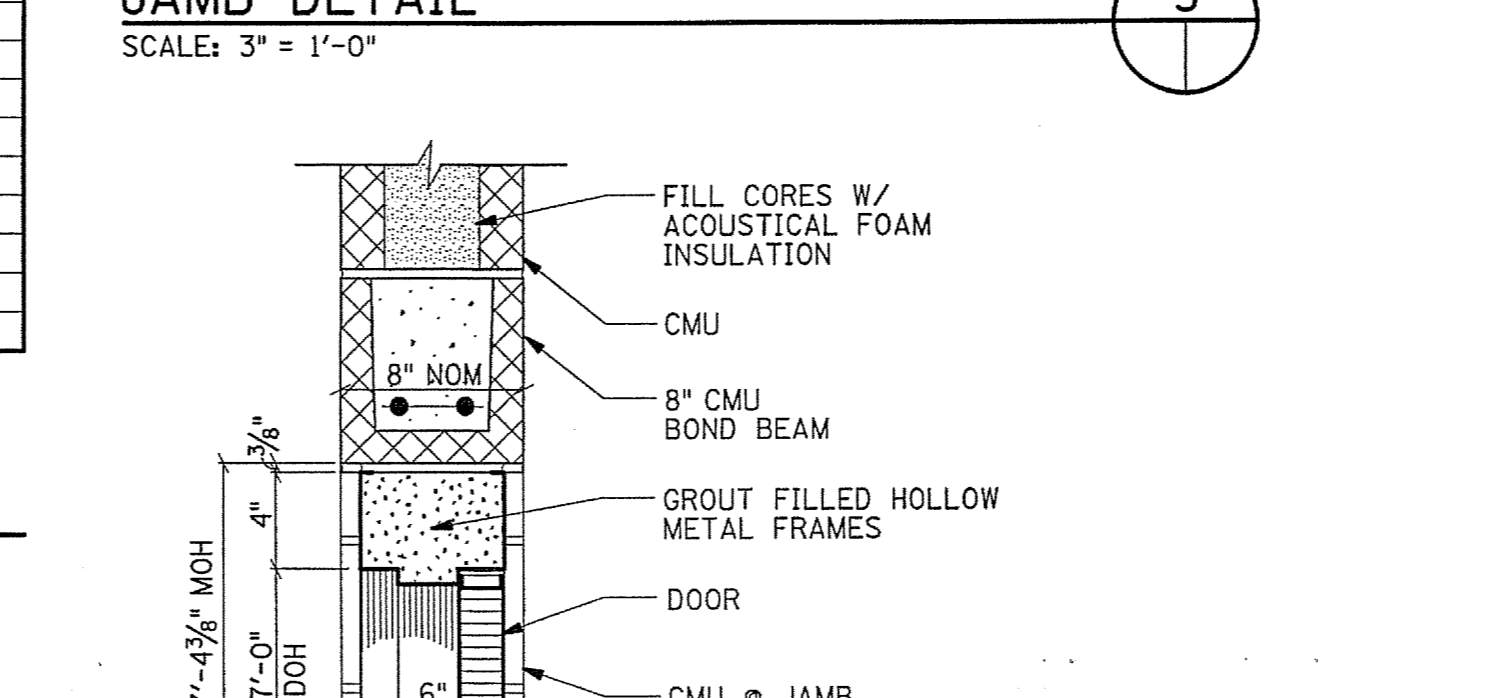
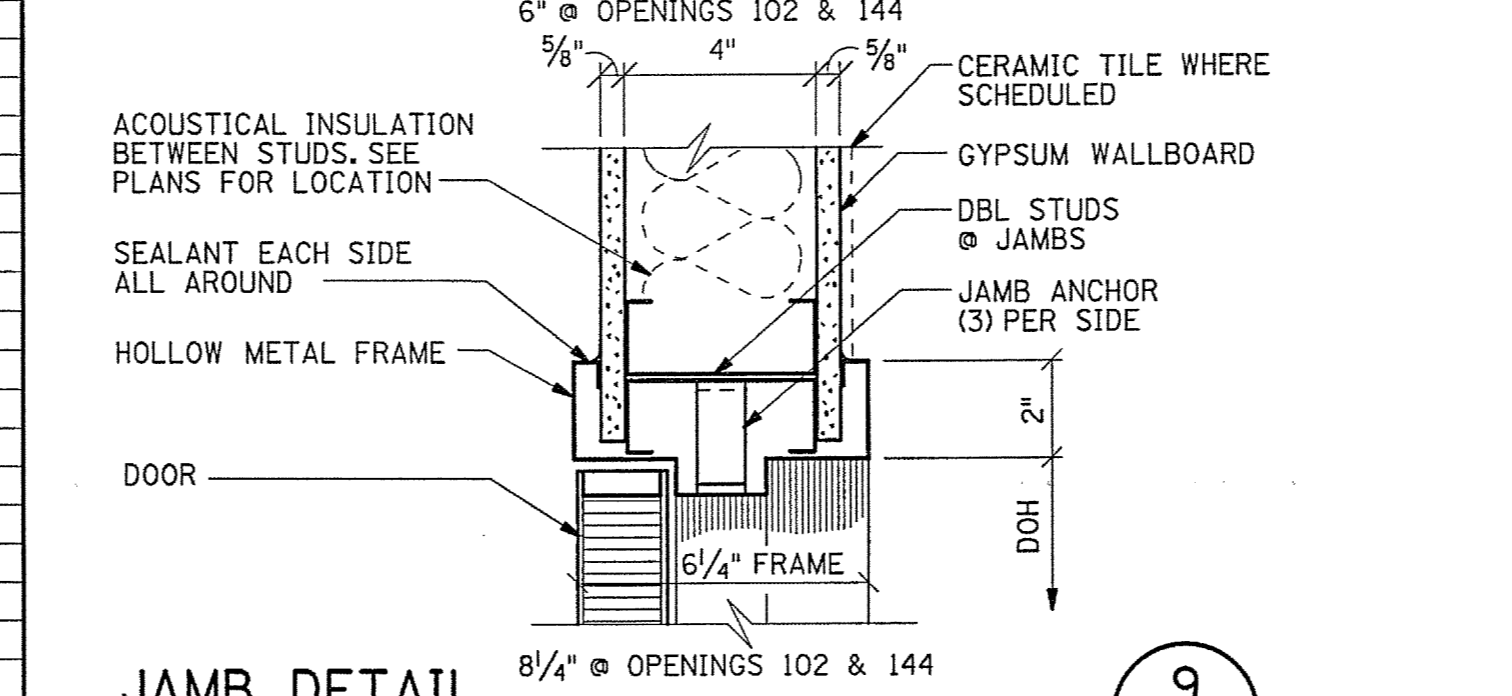
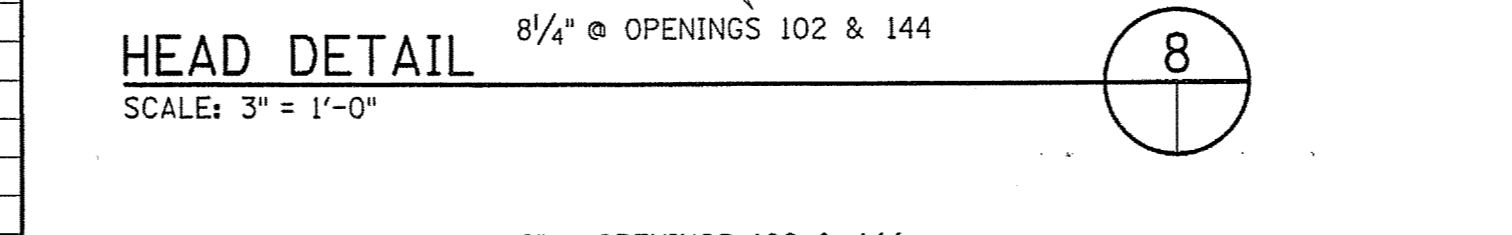
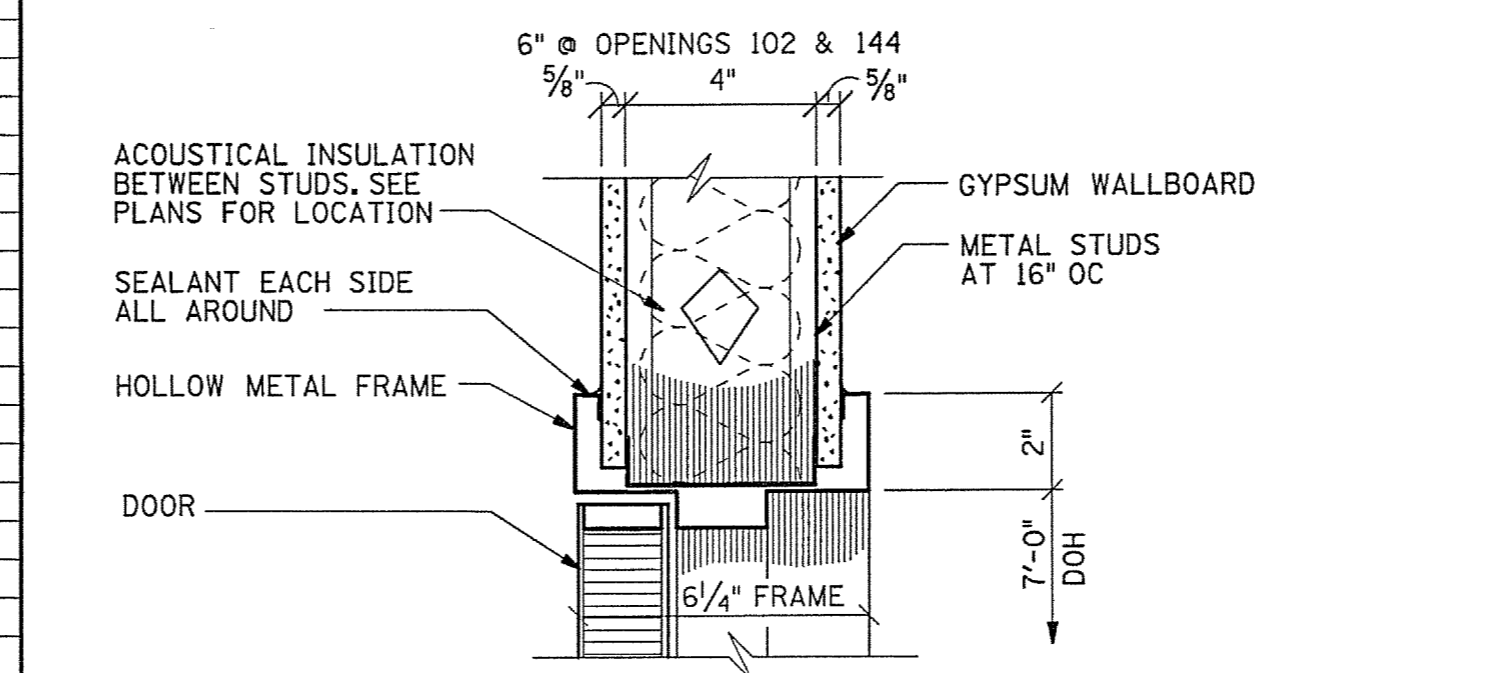


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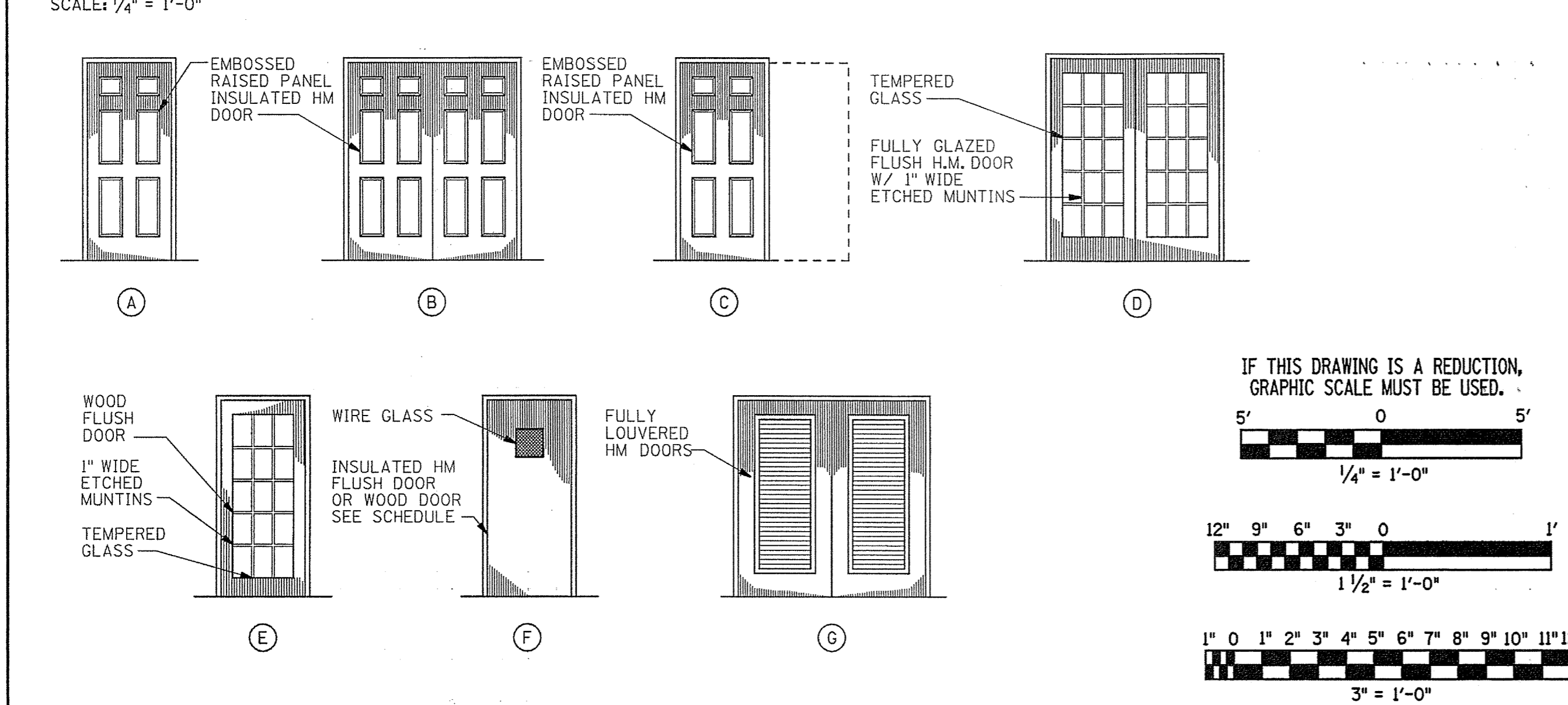
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CHECKED RDD	REFERENCE 201087.10	ARCHITECTURAL
CADD NO. 201087A07	TITLE WALL SECTIONS	
DATE 10/26/01	DWG. NO. A-7	SHEET NO. 21 OF 48

DOOR SCHEDULE												VIEW WINDOW SCHEDULE											
OPNG NO.	TYPE OF OPENING	OPENING SIZE			TYPE	MATL	LOUVER	FRAME				FRAME	HDWR SET	LABEL	REMARKS	OPNG NO.	TYPE OF OPENING	OPENING SIZE		FRAME MATERIAL	GLASS TYPE	REMARKS	
		WIDTH	HEIGHT	THICK				MATL	HEAD	JAMB	SILL							OUT OF	OUT OF				
E101	PAIR PERSONNEL	6-0	7-0	1 3/4"	D	H.M.		H.M.	1	2	3	11			VW101	VIEW WINDOW	6-4	4-4	H.M.	SECURITY GLAZING	SEE OPNG DETAILS 12,13,&14		
E102	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	18	18	17	9			VW102	OMITTED							
E103	PERSONNEL	3-0	7-2	1 3/4"	A	H.M.		H.M.	4	5	6	16			VW103	OMITTED							
E104	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	15	16	17	13			VW104	VIEW WINDOW	3-0	4-4	H.M.	1/4" CLEAR	SEE OPNG DETAILS 12,13,&14		
E105	PAIR PERSONNEL	6-0	7-0	1 3/4"	B	H.M.		H.M.	15	16	17	14			VW105	VIEW WINDOW	6-6	4-4	H.M.	1/4" CLEAR	SEE OPNG DETAILS 12,13,&14		
E106	PAIR PERSONNEL	3-4	7-0	1 3/4"	G	H.M.		H.M.	4	5	7	6											
E107	PAIR PERSONNEL	3-4	7-0	1 3/4"	G	H.M.		H.M.	4	5	7	6											
E108	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	15	16	17	9											
101	PAIR PERSONNEL	6-0	7-0	1 3/4"	D	H.M.		H.M.	8	9		10											
102	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		4											
103	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		9	20 MIN										
104	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		9	20 MIN										
105	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
106	PERSONNEL	3-0	7-0	1 3/4"	C	H.M.		H.M.	8	9		15											
107	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
108	PERSONNEL	2-6	7-0	1 3/4"	A	H.M.		H.M.	8	9		4											
109	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
110	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
111	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
112	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
113	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
114	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3											
115	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
116	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
117	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
118	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
119	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
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121	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
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123	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3	20 MIN										
124	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		4	20 MIN										
125	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		4	20 MIN										
126	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		8	20 MIN										
127	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		4											
128	PERSONNEL	2-6	7-0	1 3/4"	A	H.M.		H.M.	8	9		3	20 MIN										
129	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		4	20 MIN										
130	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
131	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		4	20 MIN										
132	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		9											
133	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
134	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
135	HOLDING CELL	3-0	7-0	1 3/4"	F	H.M.		H.M.	10	11		DH	2 HR										
136	PERSONNEL	2-0	7-0	1 3/4"	A	H.M.		H.M.	10	11		5	2 HR										
137	HOLDING CELL	3-0	7-0	1 3/4"	F	H.M.		H.M.	10	11		DH	2 HR										
138	PERSONNEL	2-0	7-0	1 3/4"	A	H.M.		H.M.	10	11		5	2 HR										
139	HOLDING CELL	3-0	7-0	1 3/4"	F	H.M.		H.M.	10	11		DH	2 HR										
140	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		1	20 MIN										
142	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		8											
143	PERSONNEL	2-6	7-0	1 3/4"	A	H.M.		H.M.	8	9		4											
144	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3											
145	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3											
146	PERSONNEL	3-0	7-0	1 3/4"	E	H.M.		H.M.	8	9		7											
147	PAIR PERSONNEL	6-0	7-0	1 3/4"	B	H.M.		H.M.	8	9		6											
148	PAIR PERSONNEL	4-0	7-0	1 3/4"	B	H.M.		H.M.	8	9		12											
149	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		2	20 MIN										
150	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3											
151	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3											
152	PERSONNEL	3-0	7-0	1 3/4"	A	H.M.		H.M.	8	9		3	20 MIN										

OPNG NO.	TYPE OF OPENING	WIDTH	HEIGHT	FRAME MATERIAL	GLASS TYPE	REMARKS
VW101	VIEW WINDOW	6-4	4-4	H.M.	SECURITY GLAZING	SEE OPNG DETAILS 12,13,&14
VW102	OMITTED					
VW103	OMITTED					
VW104	VIEW WINDOW	3-0	4-4	H.M.	1/4" CLEAR	SEE OPNG DETAILS 12,13,&14
VW105	VIEW WINDOW	6-6	4-4	H.M.	1/4" CLEAR	SEE OPNG DETAILS 12,13,&14



DOOR TYPES



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24505-0877

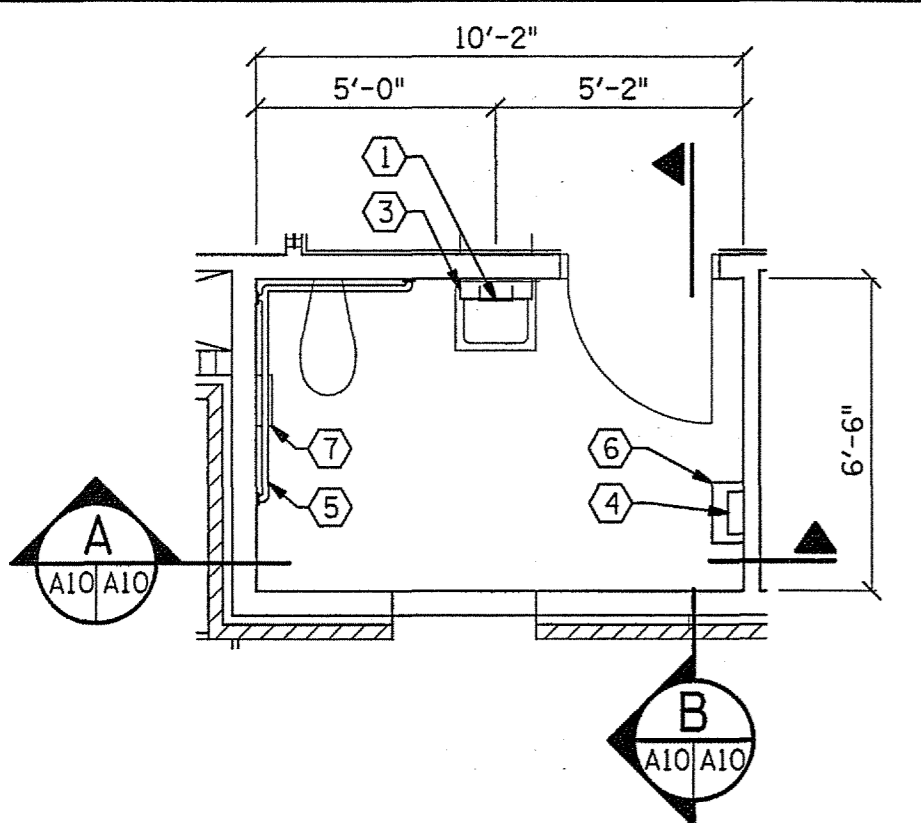
DESIGNED: RDD
DRAWN: CSE
PROJECT: FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA

CHECKED: RDD
PROJECT REFERENCE: ARCHITECTURAL

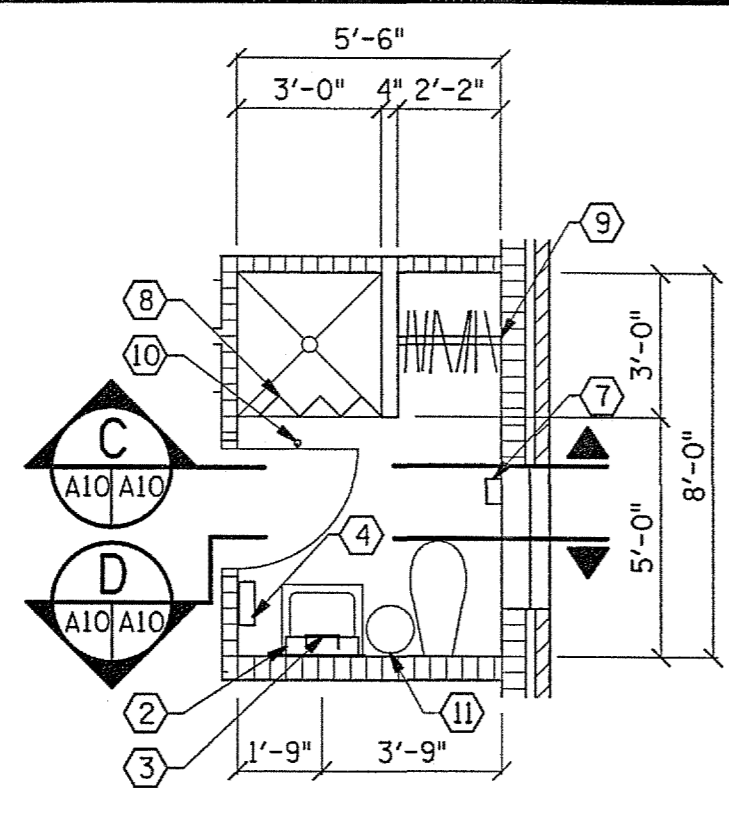
COMM. NO. 201087.10
TITLE: DOOR/VIEW WINDOW SCHEDULES & MISC DETAILS

CADD NO. 201087A09
DATE: 10/26/01
DWG. NO. A-9
SHEET NO. 23 OF 48
REV. 0

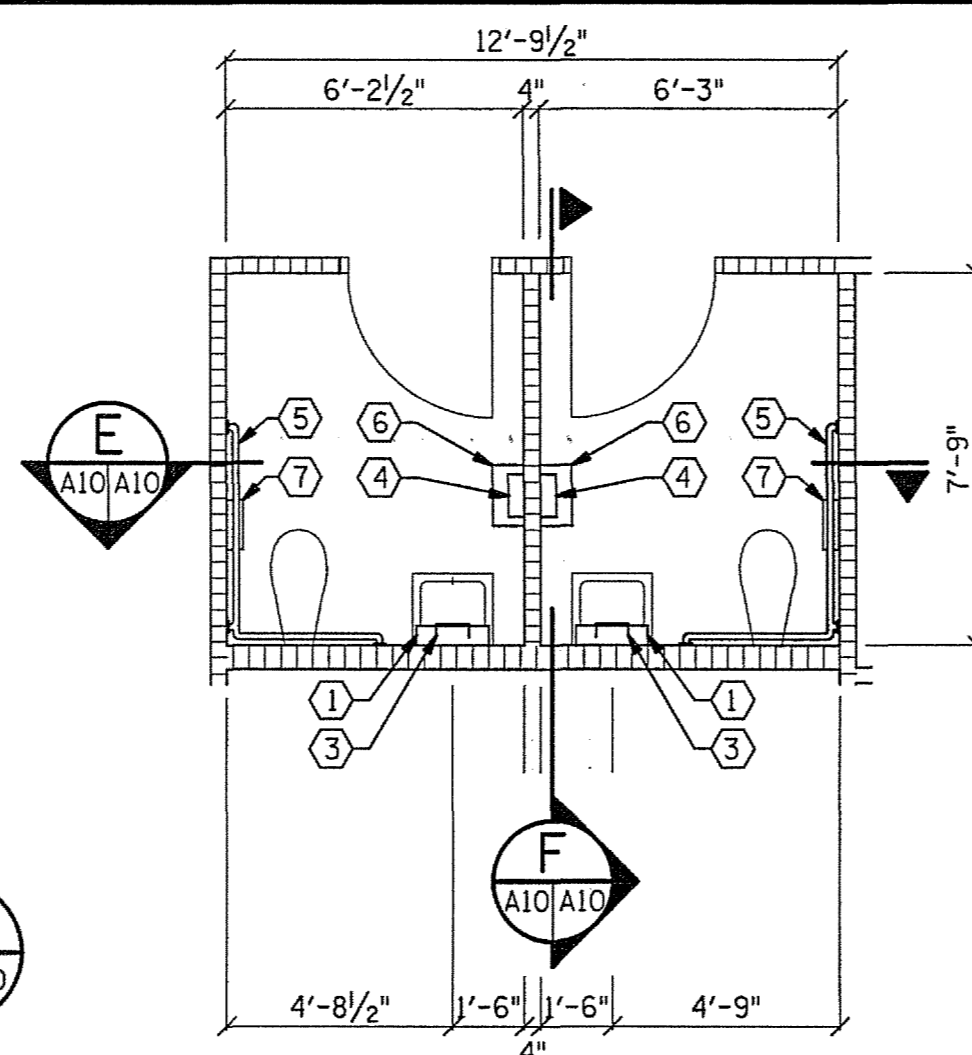
REV.	DATE
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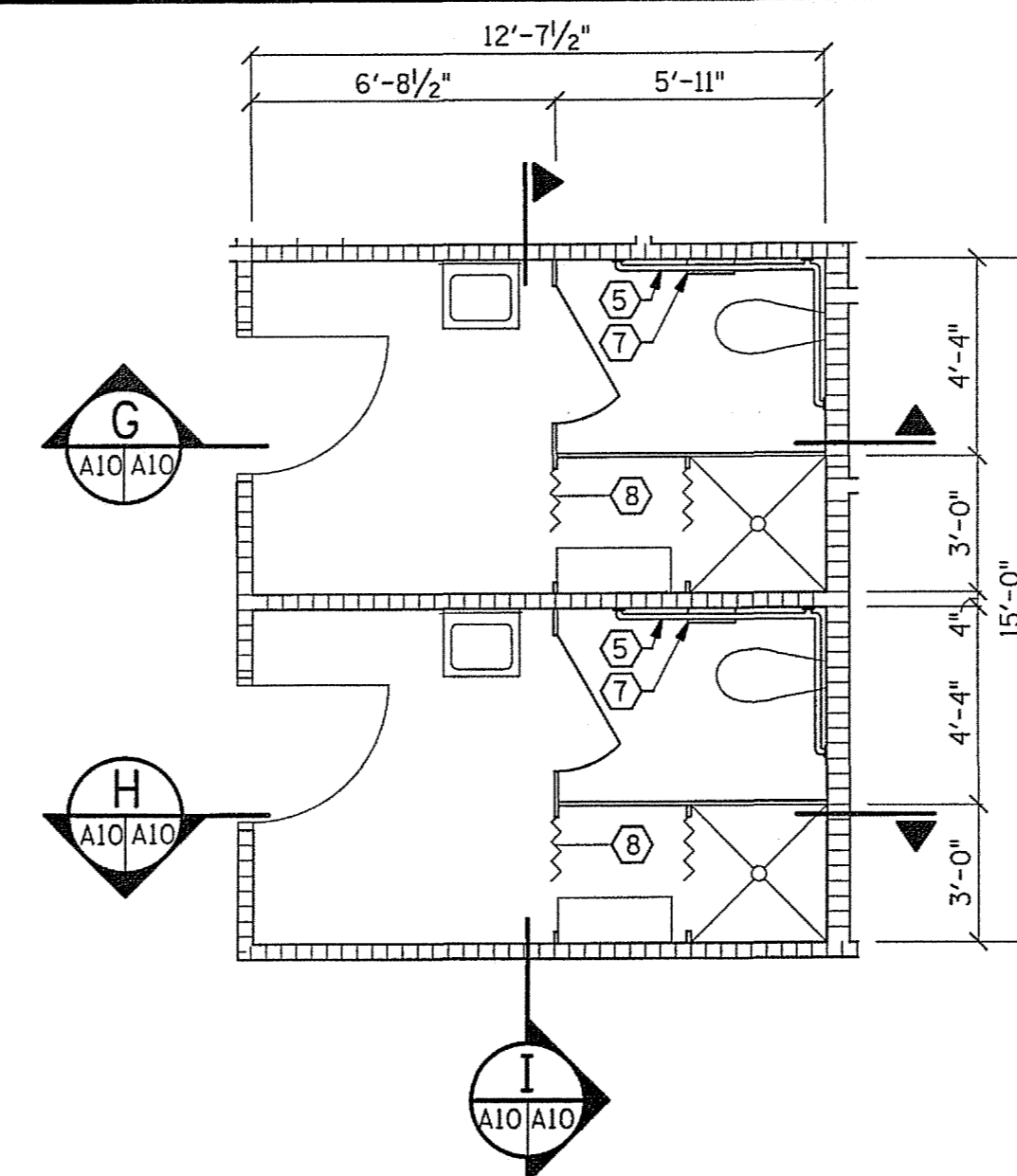
ENLARGED TOILET PLAN 1
SCALE: 1/4" = 1'-0" LOBBY TOILET - 102



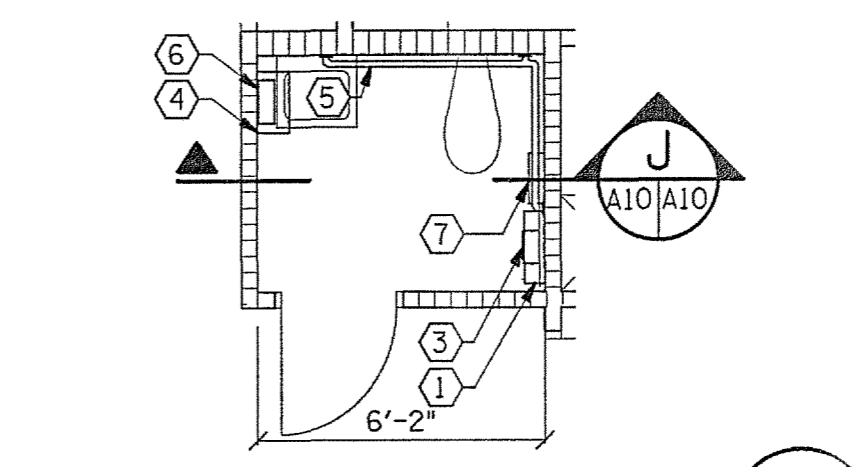
ENLARGED TOILET AND SHOWER PLAN 2
SCALE: 1/4" = 1'-0" SHERIFF TOILET - 105



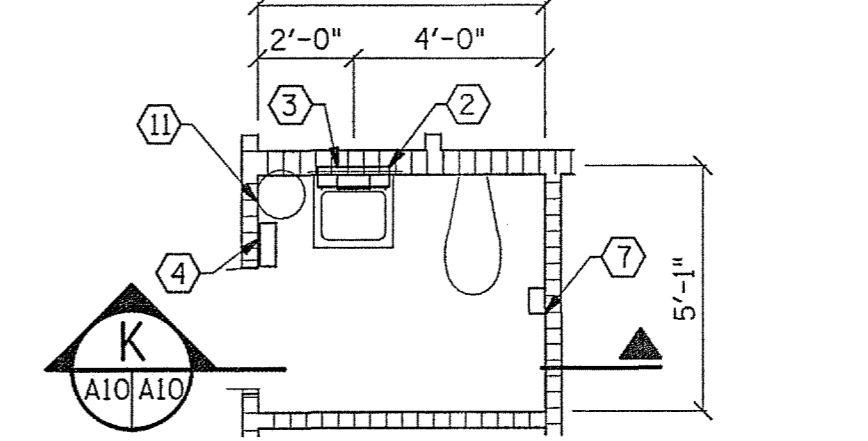
ENLARGED TOILET PLAN 3
SCALE: 1/4" = 1'-0" STAFF TOILET - 121, 122



ENLARGED TOILET AND SHOWER PLAN 4
SCALE: 1/4" = 1'-0" STAFF TOILET/SHOWER - 126, 127



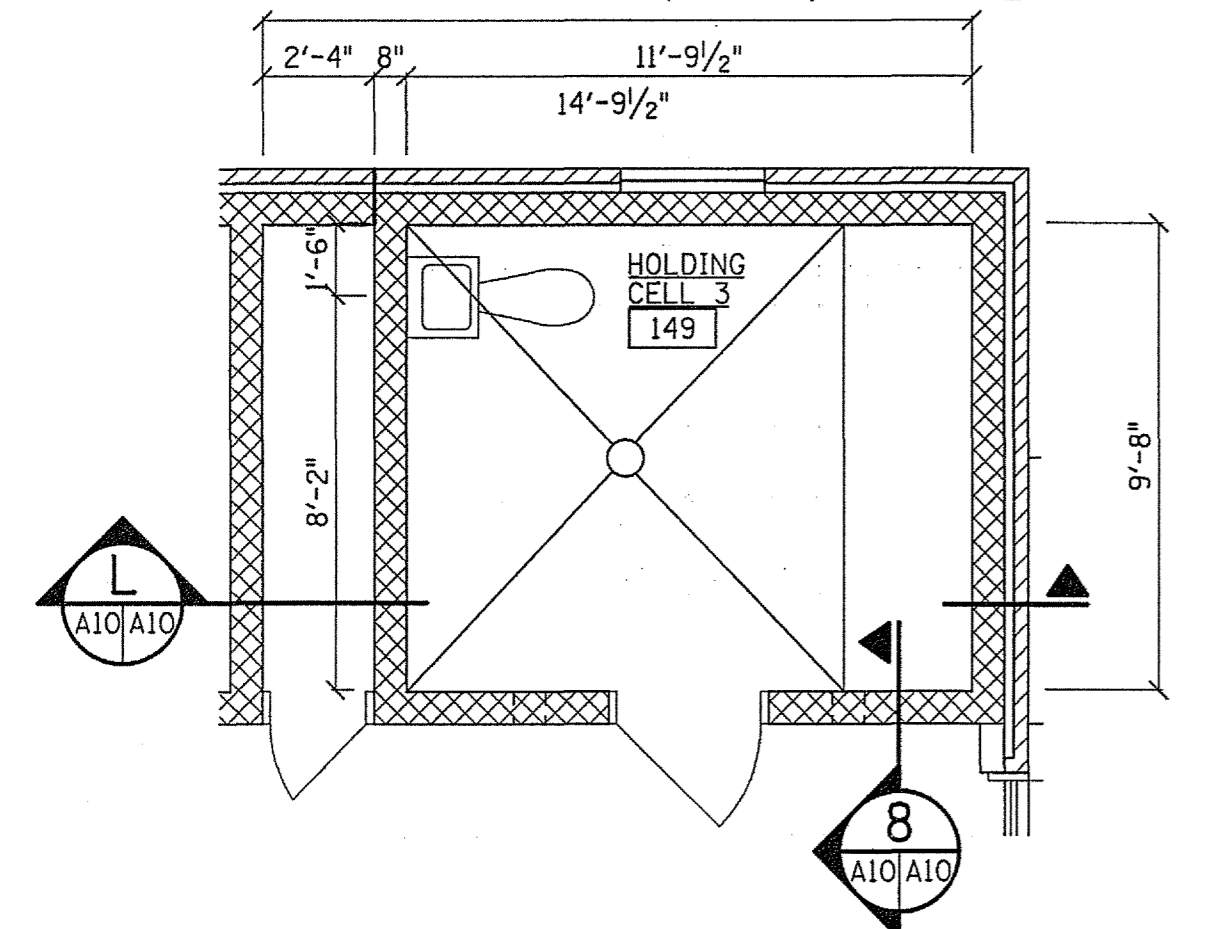
ENLARGED TOILET PLAN 5
SCALE: 1/4" = 1'-0" EOC TOILET - 137



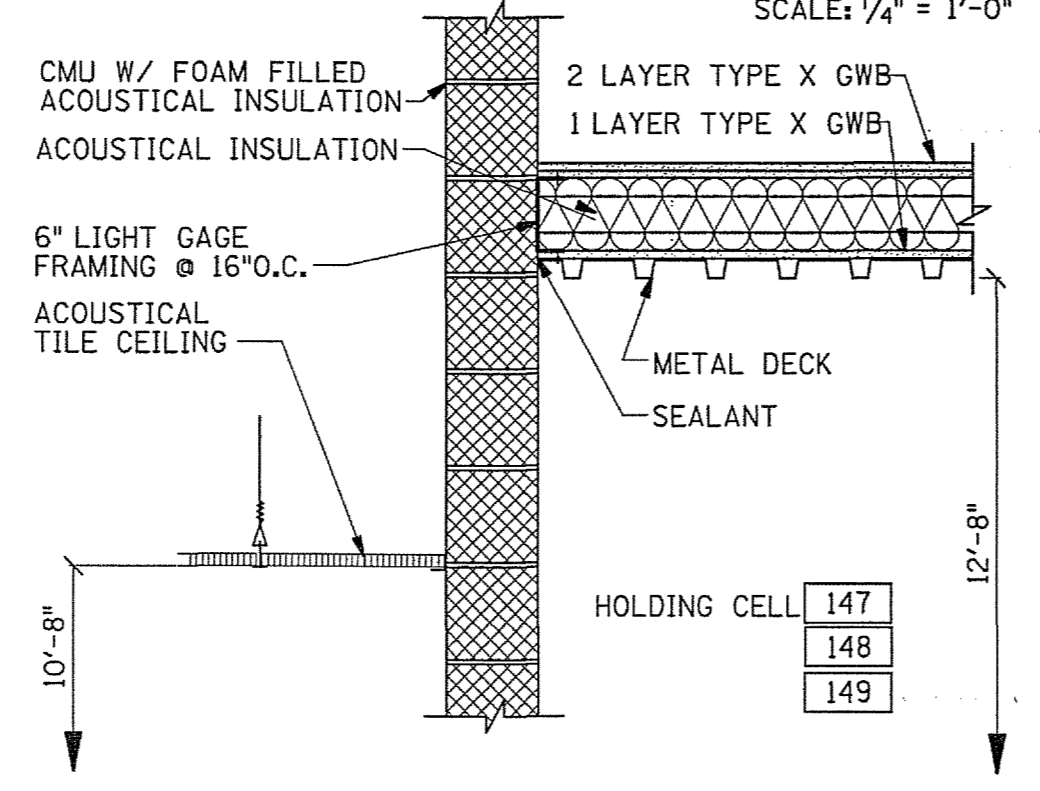
ENLARGED TOILET PLAN 6
SCALE: 1/4" = 1'-0" E911 TOILET - 143

TOILET ACCESSORIES SCHEDULE

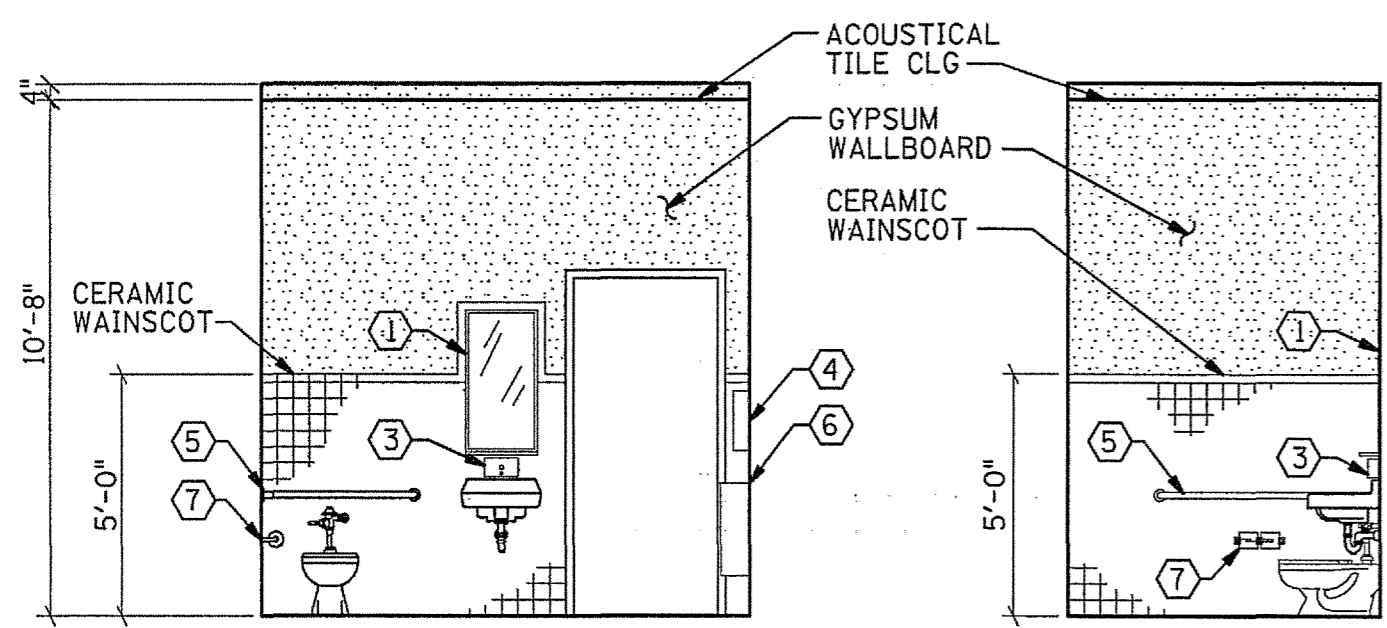
- ① H/C 18" X 36" MIRROR MOUNTING HEIGHT= 3'-4" TO BOTTOM
- ② 18" X 36" MIRROR MOUNTING HEIGHT= 3'-4" TO BOTTOM
- ③ SOAP DISPENSER
- ④ PAPER TOWEL DISPENSER MOUNTING HEIGHT= 44" TO BOTTOM OF UNIT
- ⑤ GRAB BAR MOUNTING HEIGHT= 36"
- ⑥ WASTE RECEPTOR MOUNTING HEIGHT= 16" FROM BOTTOM SURFACE TO F.F.
- ⑦ TOILET TISSUE DISPENSER MOUNTING HEIGHT= 19"
- ⑧ SHOWER CURTAIN MOUNTING HEIGHT = 6'-0"
- ⑨ CLOTHES ROD
- ⑩ ROBE HOOK
- ⑪ WASTE BASKET



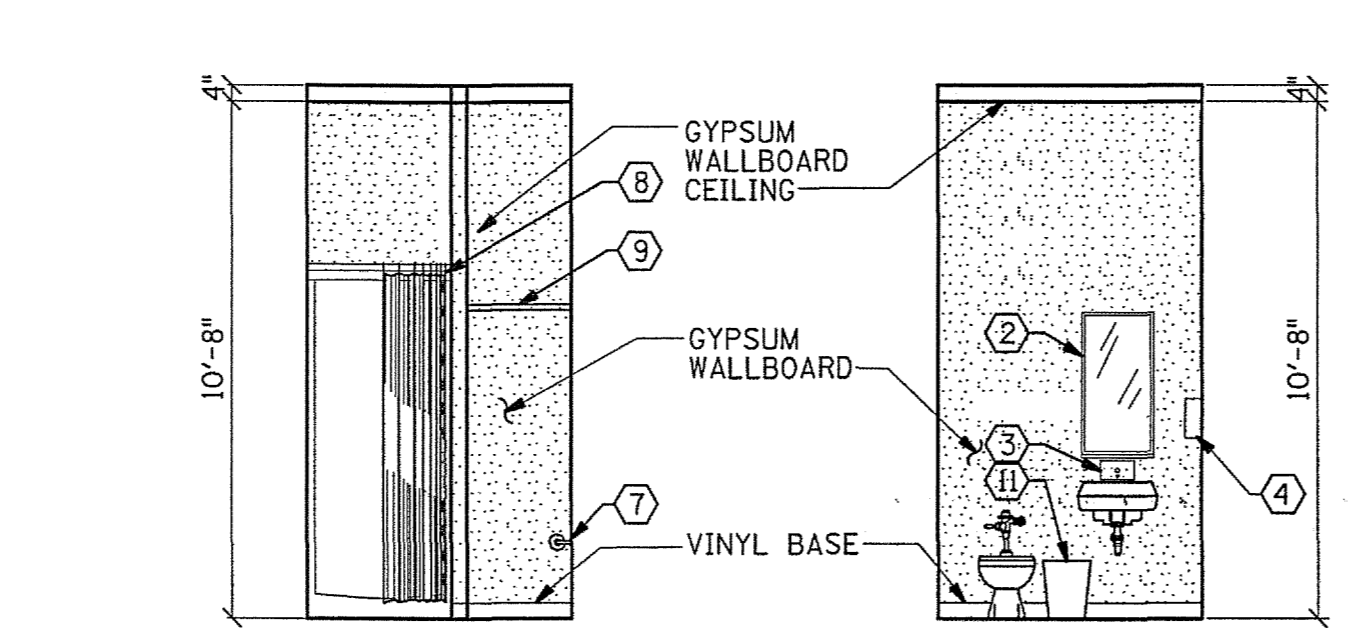
ENLARGED HOLDING CELL PLAN 7
SCALE: 1/4" = 1'-0"



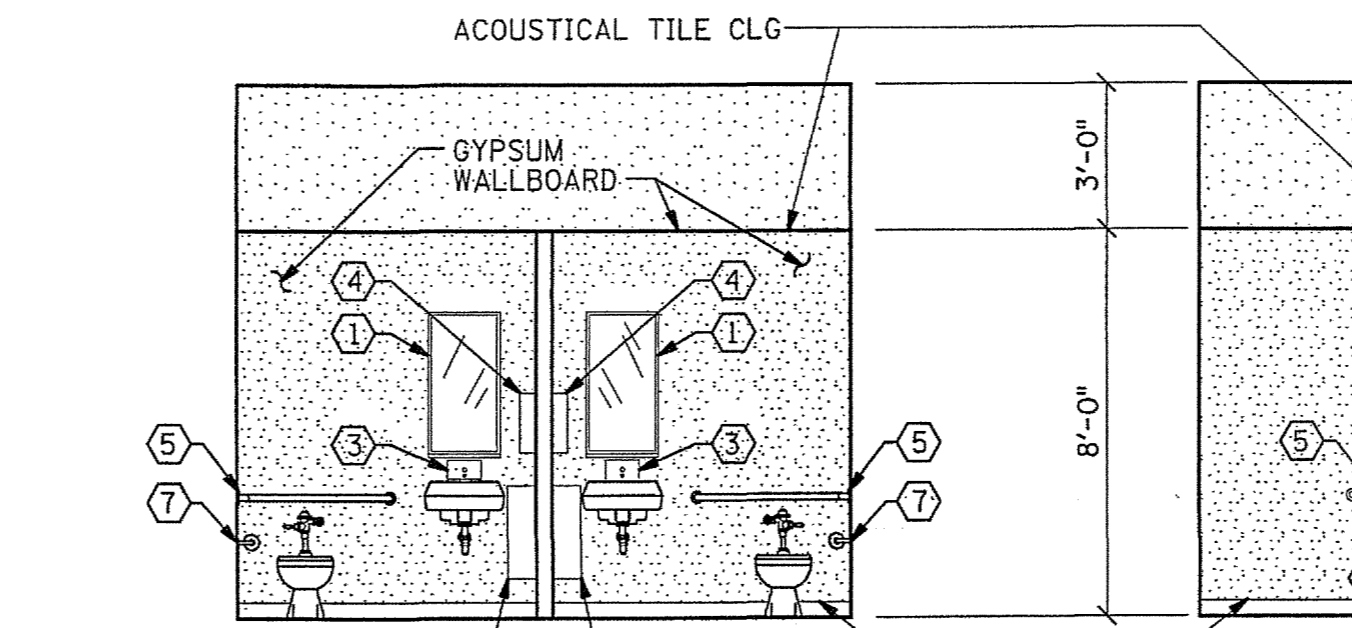
DETAIL 8
SCALE: 3/4" = 1'-0"



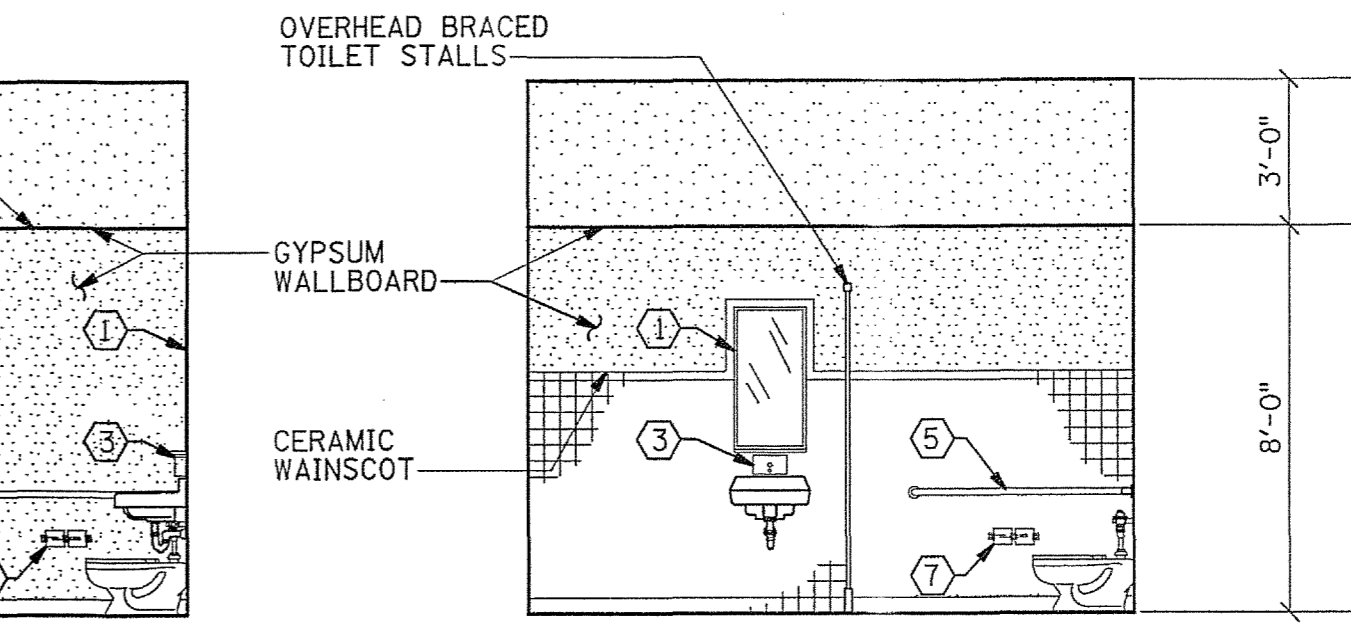
SECTION A
SCALE: 1/4" = 1'-0"



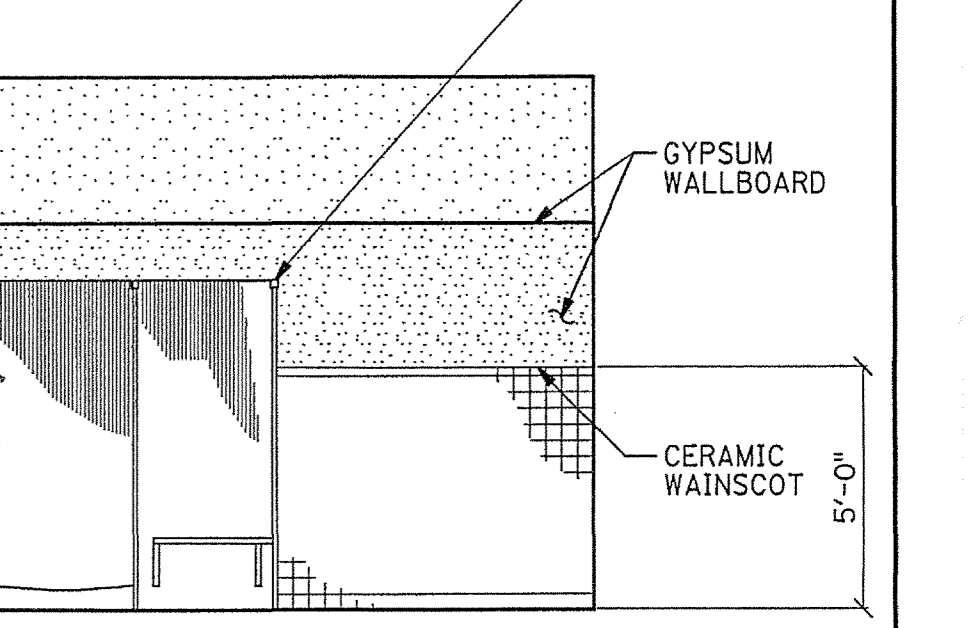
SECTION B
SCALE: 1/4" = 1'-0"



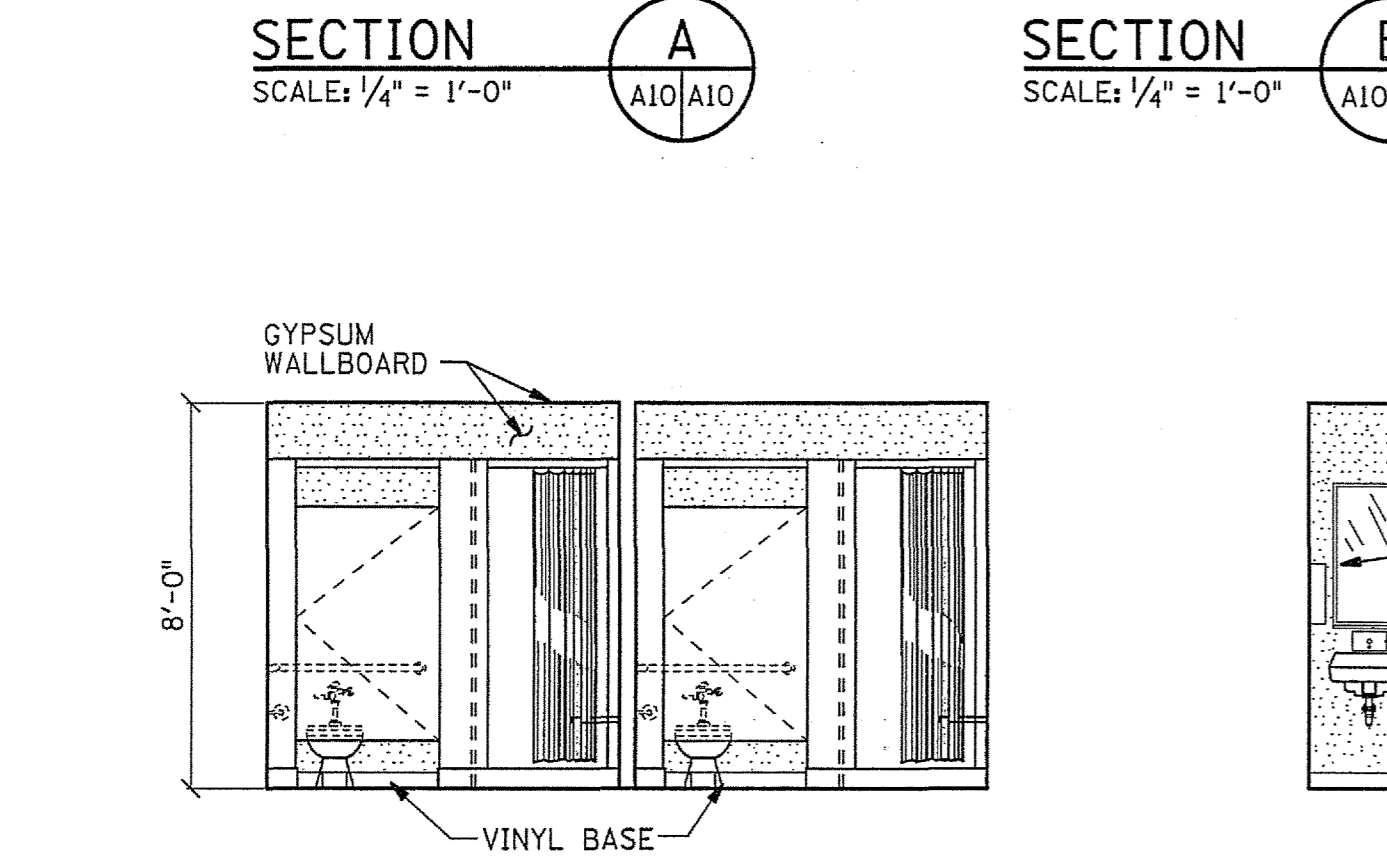
SECTION C
SCALE: 1/4" = 1'-0"



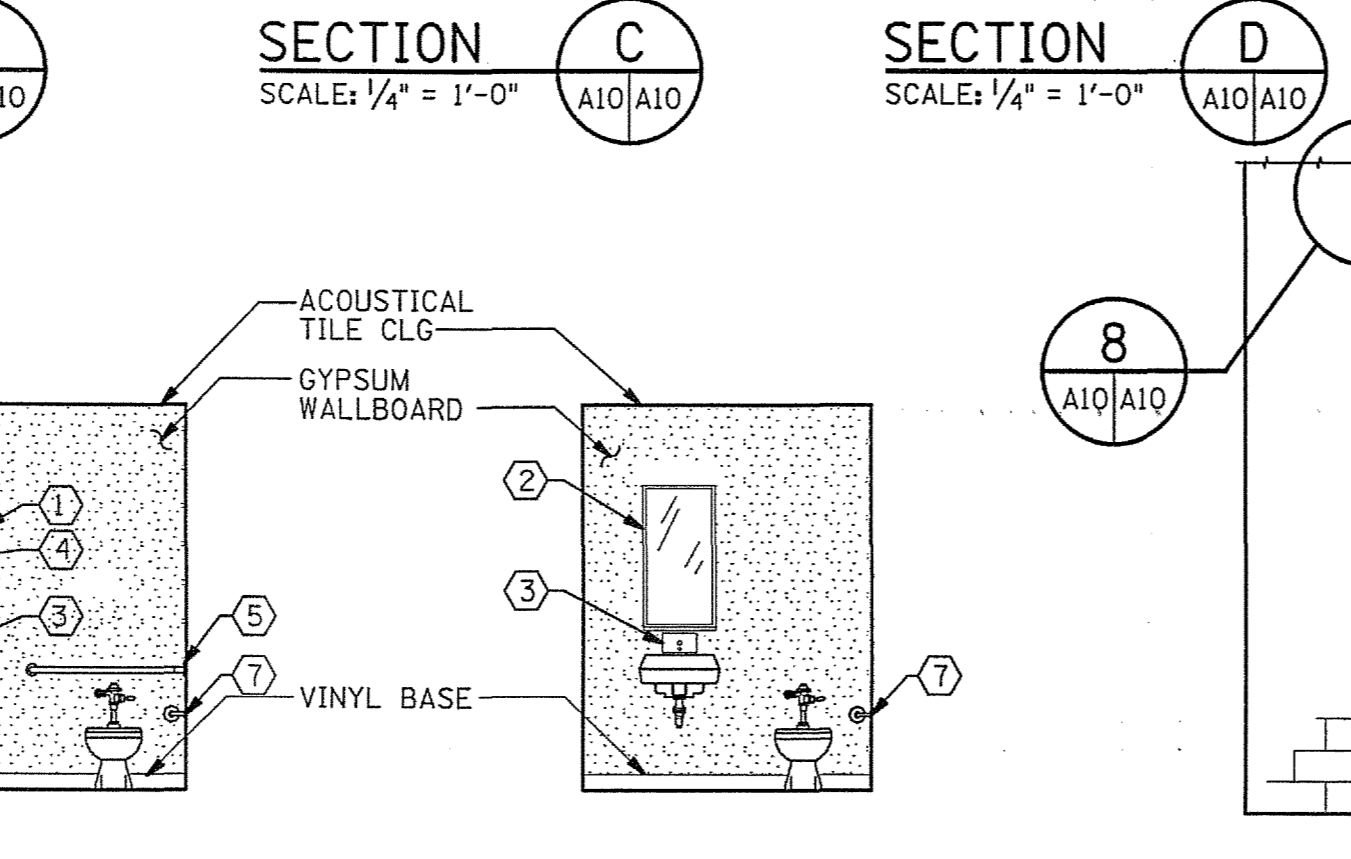
SECTION D
SCALE: 1/4" = 1'-0"



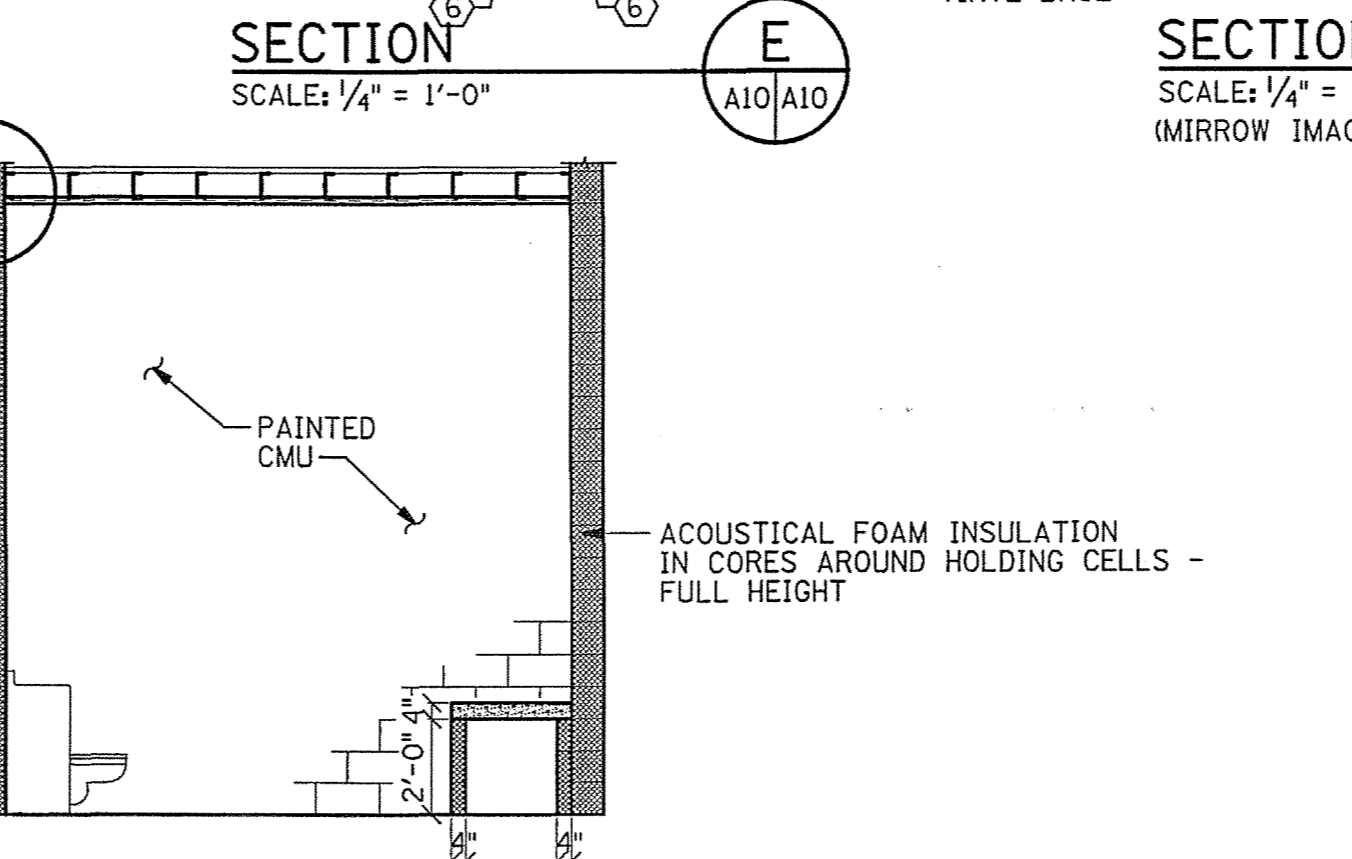
SECTION E
SCALE: 1/4" = 1'-0"



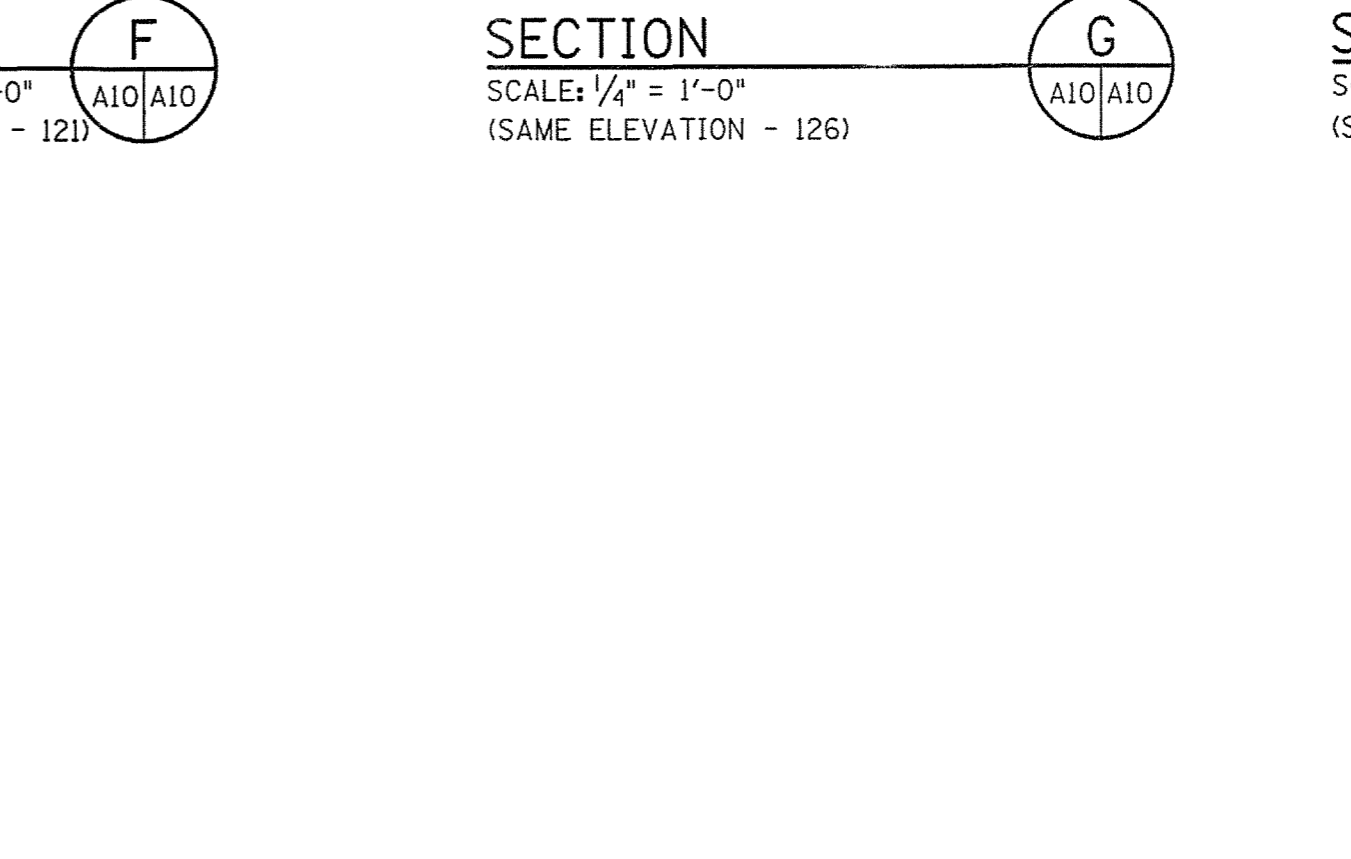
SECTION F
SCALE: 1/4" = 1'-0"



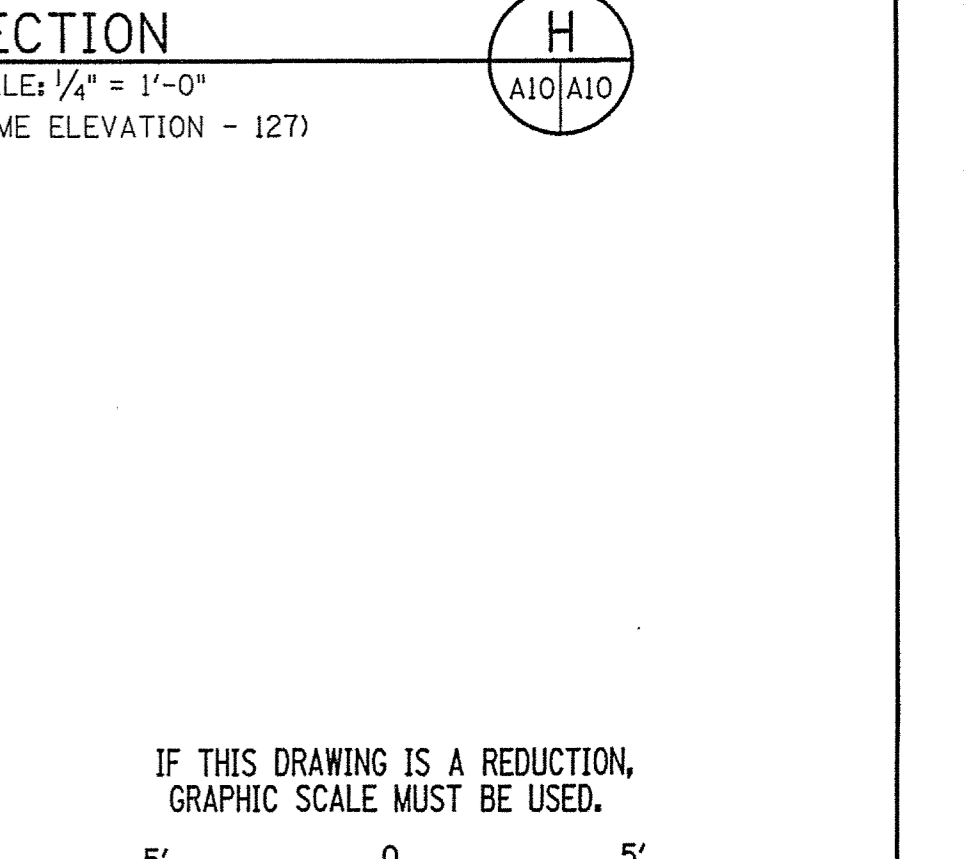
SECTION G
SCALE: 1/4" = 1'-0"



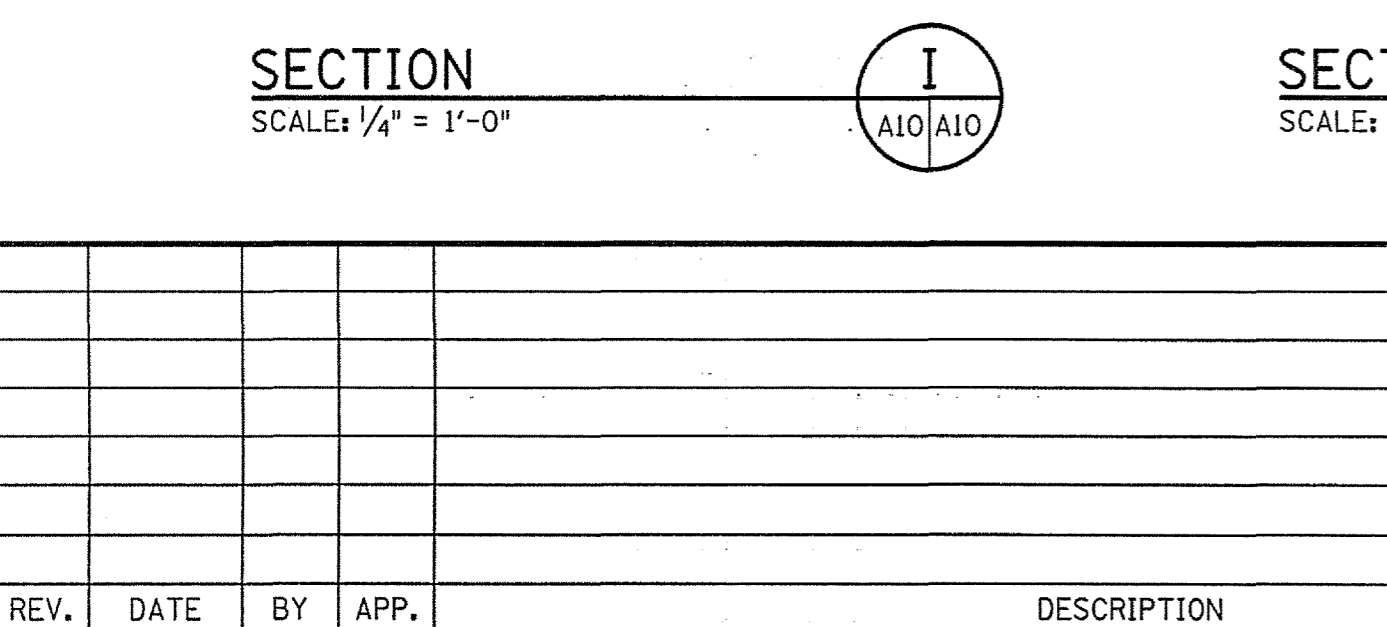
SECTION H
SCALE: 1/4" = 1'-0"



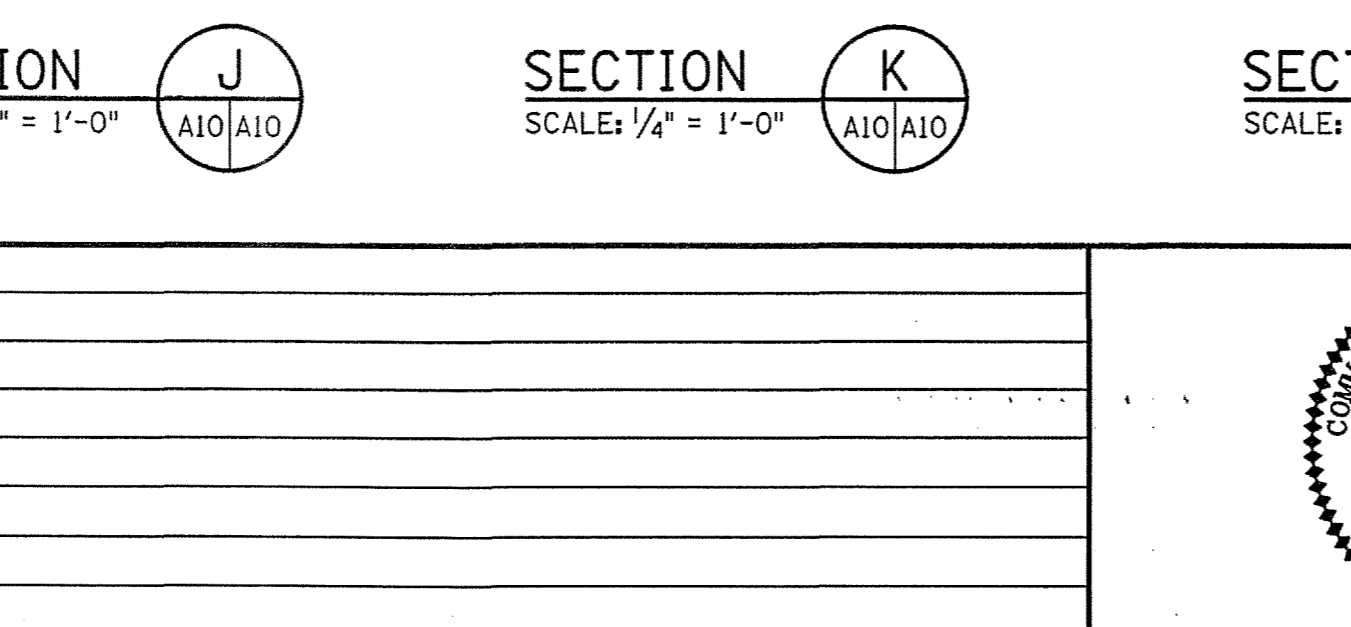
SECTION I
SCALE: 1/4" = 1'-0"



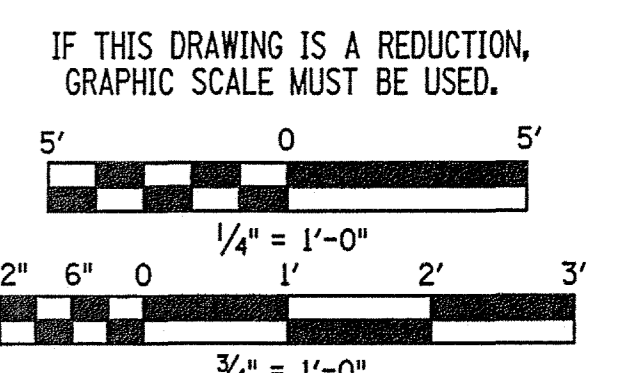
SECTION J
SCALE: 1/4" = 1'-0"



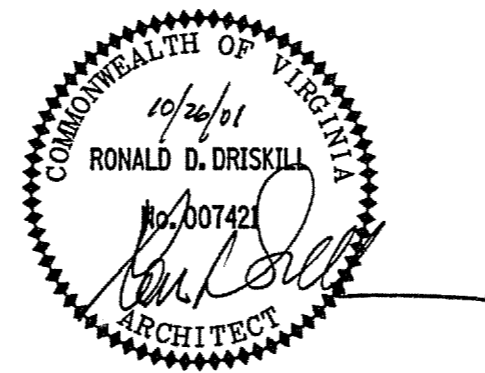
SECTION K
SCALE: 1/4" = 1'-0"



SECTION L
SCALE: 1/4" = 1'-0"

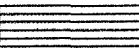

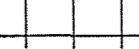
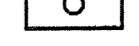





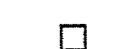




DESIGNED RDR	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDR		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE ENLARGED TOILET PLANS & ELEVATIONS
CADD NO. 201087A10		DWG. NO. A-10
DATE 10/26/01		SHEET NO. 24 OF 48
REV.	DATE	BY
		APP.
		DESCRIPTION

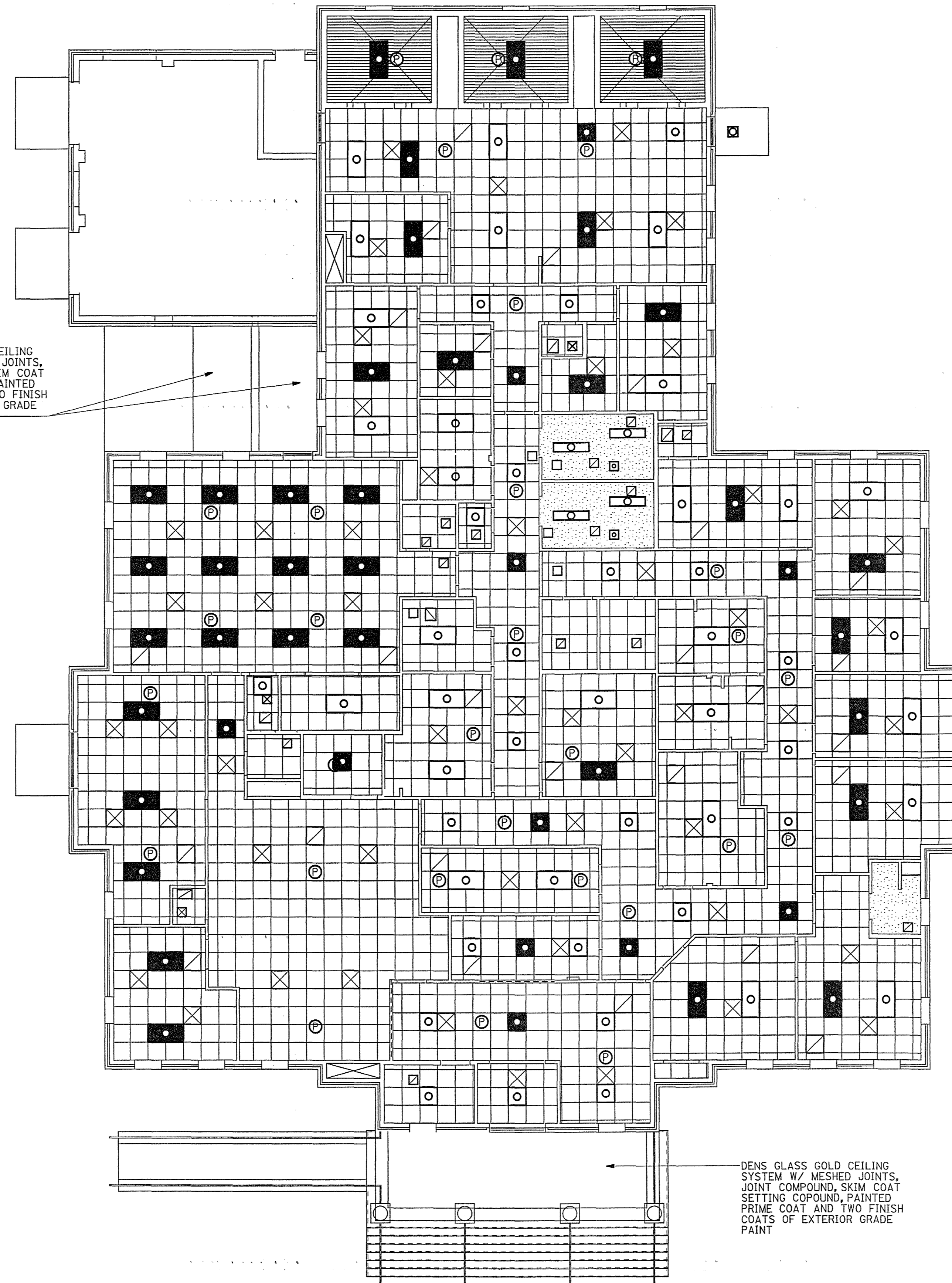


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LEGEND

-  METAL DECK
-  GYPSUM WALLBOARD
-  2X2 ACOUSTICAL LAY-IN CEILING
-  2X4 FLUORESCENT LIGHT FIXTURE
-  2X4 FLUORESCENT EMERGENCY LIGHT FIXTURE
-  2X2 FLUORESCENT LIGHT FIXTURE
-  2X2 FLUORESCENT EMERGENCY LIGHT FIXTURE
-  SMOKE DETECTOR
-  MECHANICAL SUPPLY
-  MECHANICAL RETURN
-  TRANSFER GRILLE
-  EXHAUST REGISTER

DENS GLASS GOLD CEILING SYSTEM W/ MESHED JOINTS, JOINT COMPOUND, SKIM COAT SETTING COPOUND, PAINTED PRIME COAT AND TWO FINISH COATS OF EXTERIOR GRADE PAINT

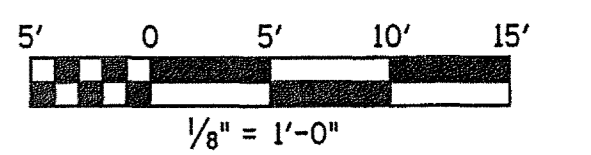


DENS GLASS GOLD CEILING SYSTEM W/ MESHED JOINTS, JOINT COMPOUND, SKIM COAT SETTING COPOUND, PAINTED PRIME COAT AND TWO FINISH COATS OF EXTERIOR GRADE PAINT

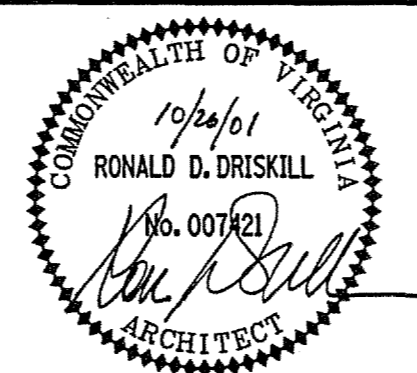
FLUVANNA PUBLIC SAFETY BUILDING - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.

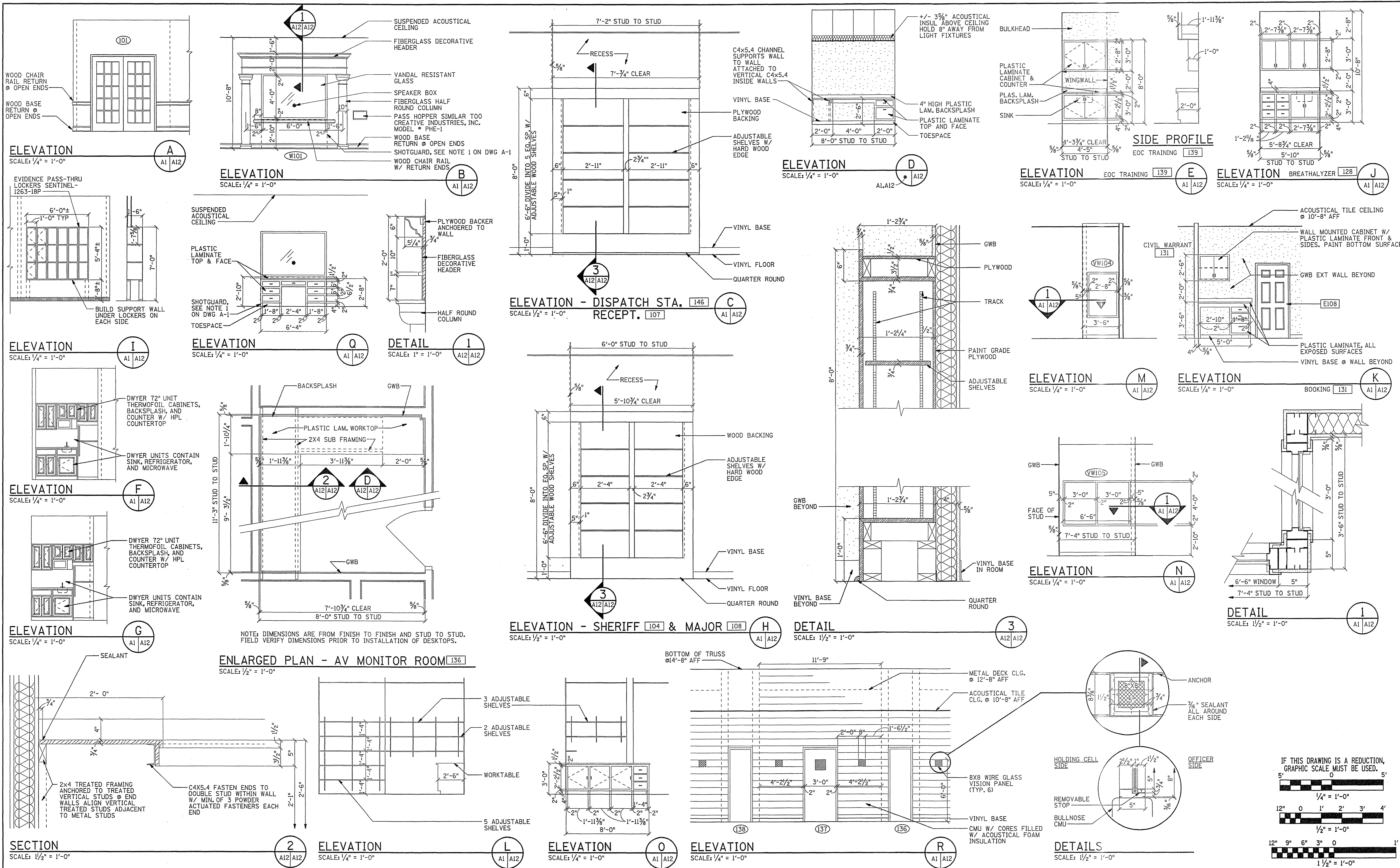


REV.	DATE	BY	APP.	DESCRIPTION

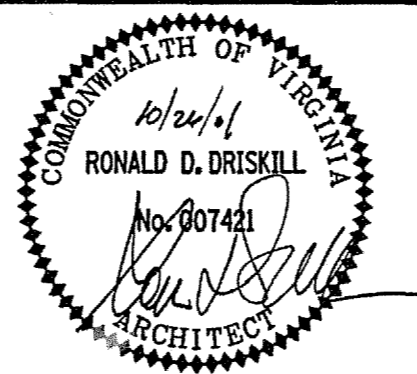


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24505-0877

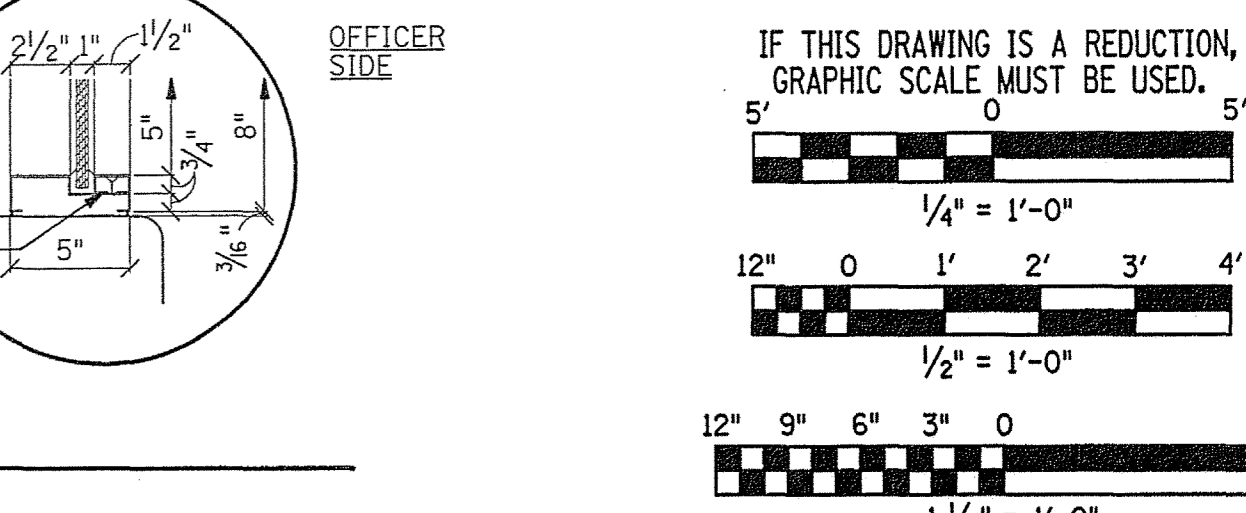
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CHECKED RDD		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE REFLECTED CEILING PLAN
CADD NO. 201087A11		DWG. NO. A-11
DATE 10/26/01		SHEET NO. 25 OF 48
		REV. 0



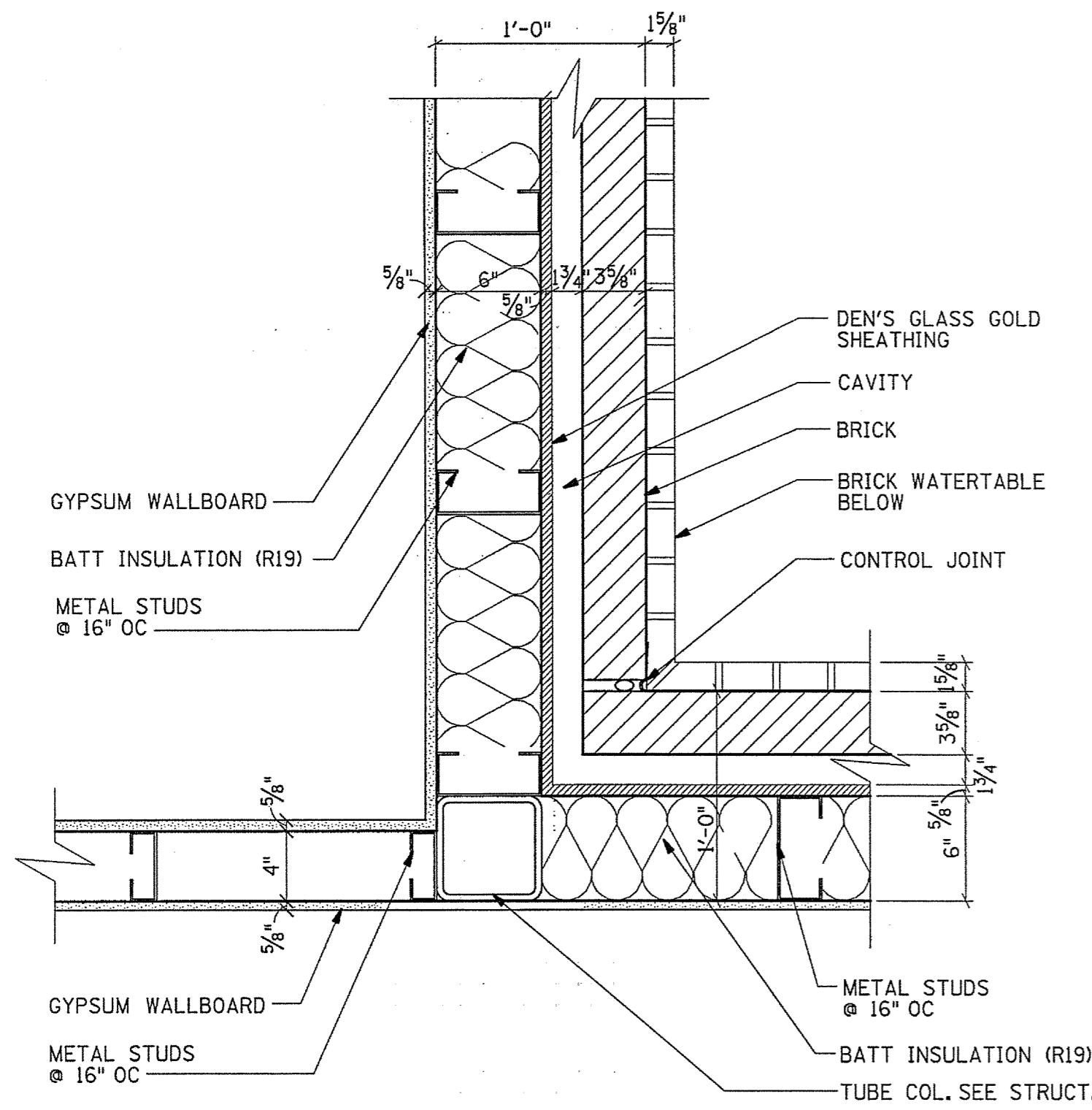
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CHECKED RDD		REFERENCE ARCHITECTURAL
COMM. NO. 201087.10		TITLE CABINETS & MISC DETAILS
CADD NO. 201087A12		DWG. NO. A-12
DATE 10/26/01		SHEET NO. 26 OF 48
REV.	DATE	BY
		APP.
		DESCRIPTION



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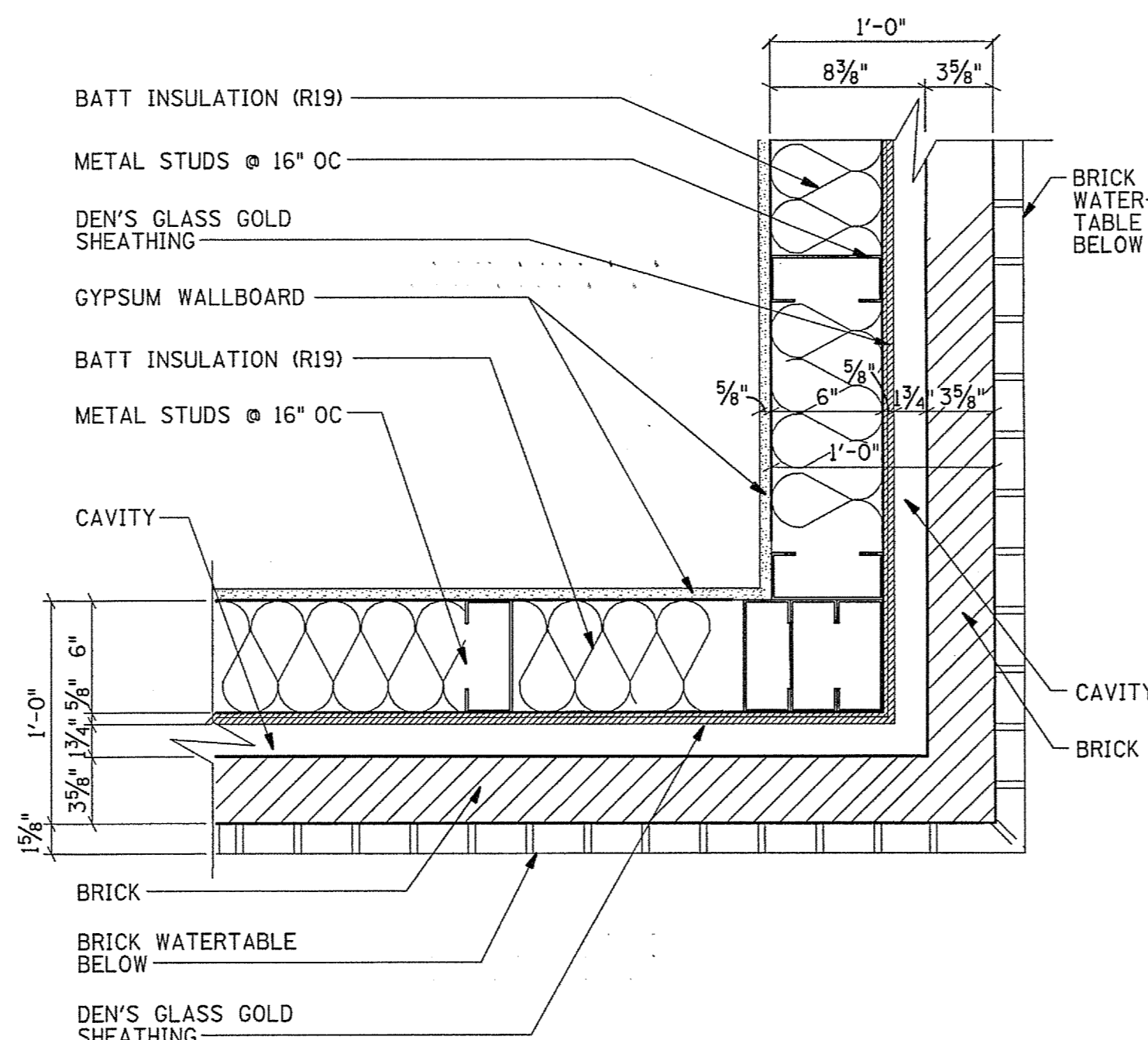
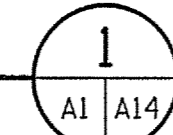


IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.



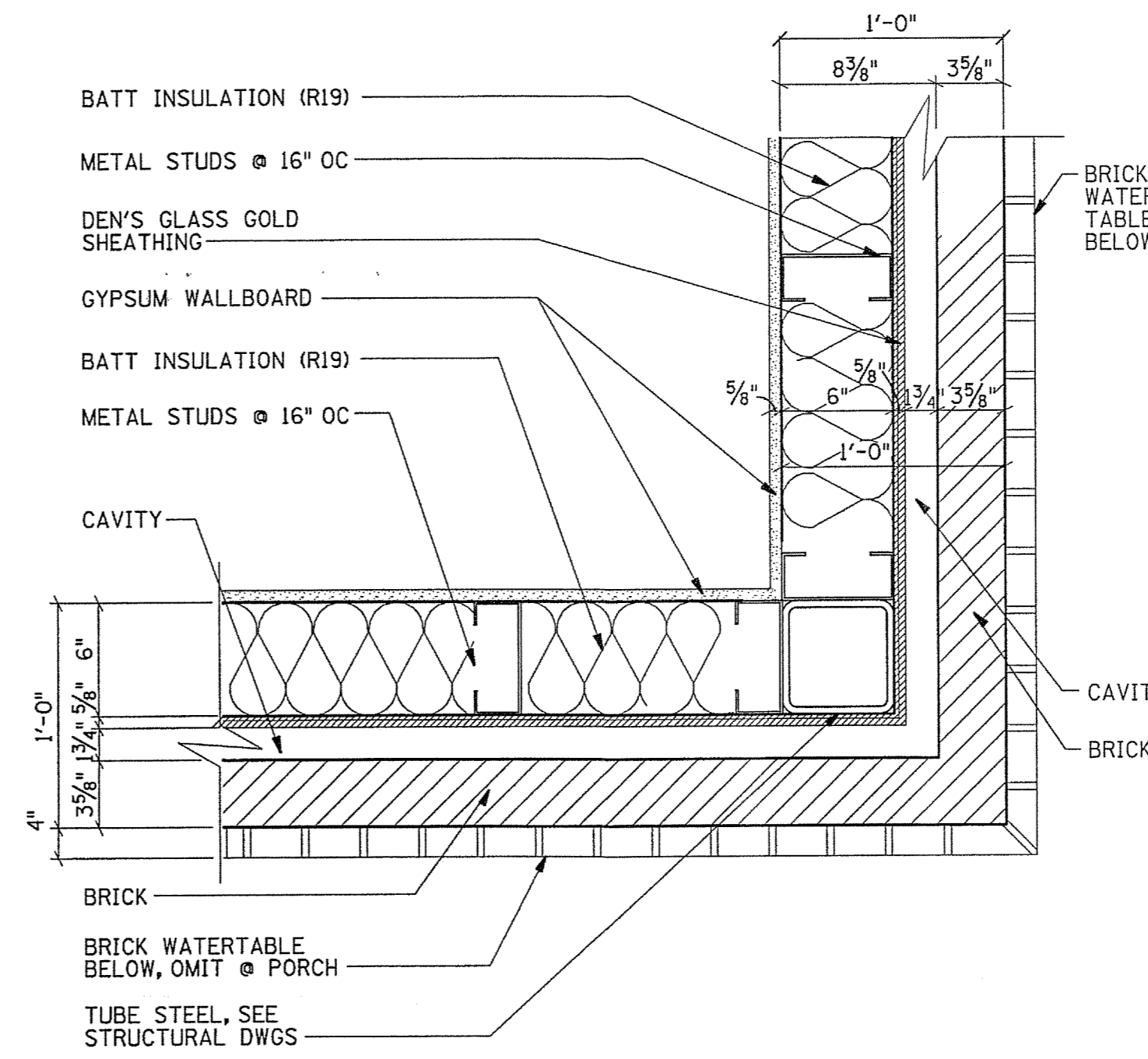
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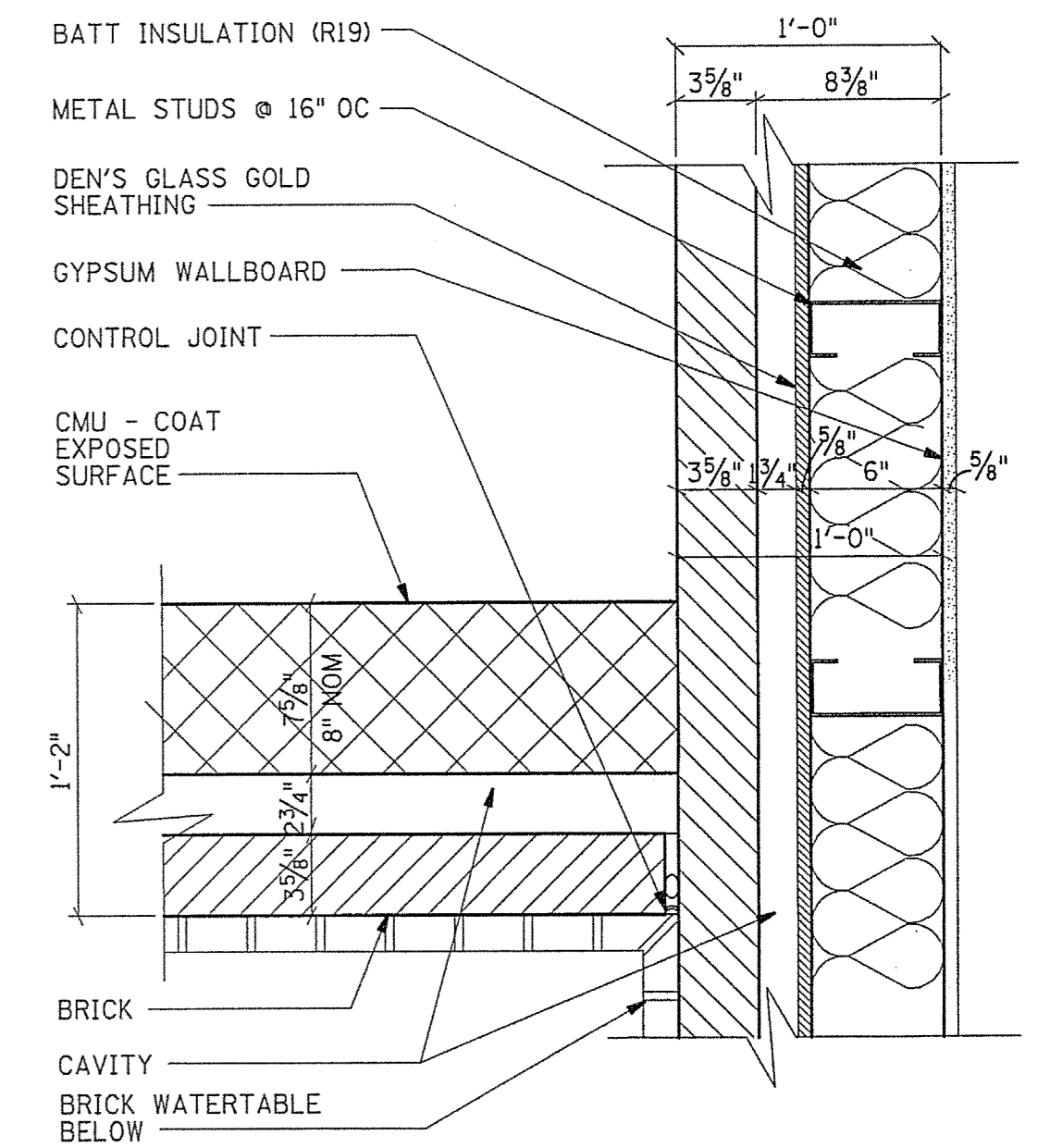
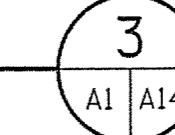
DETAIL

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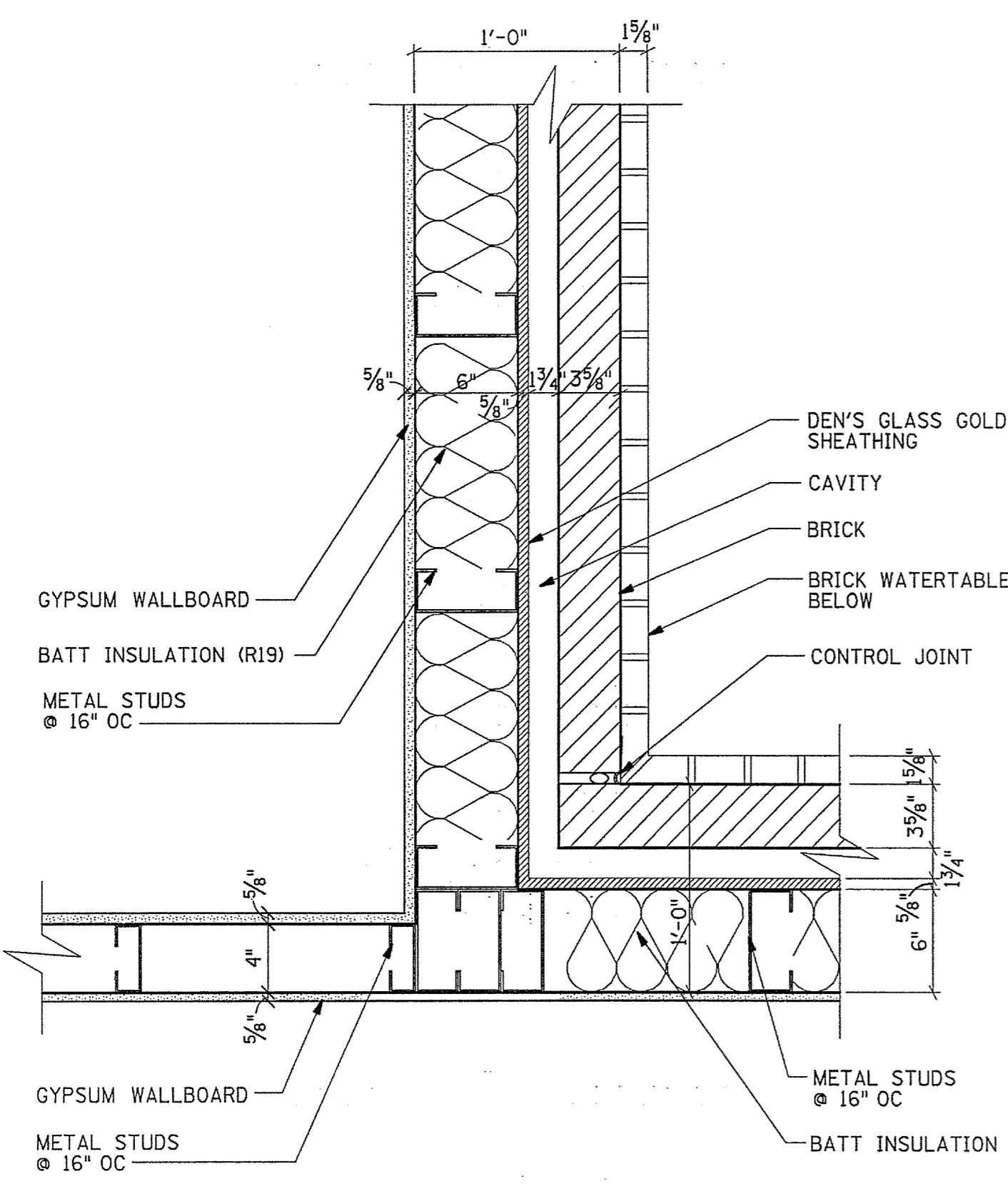
DETAIL

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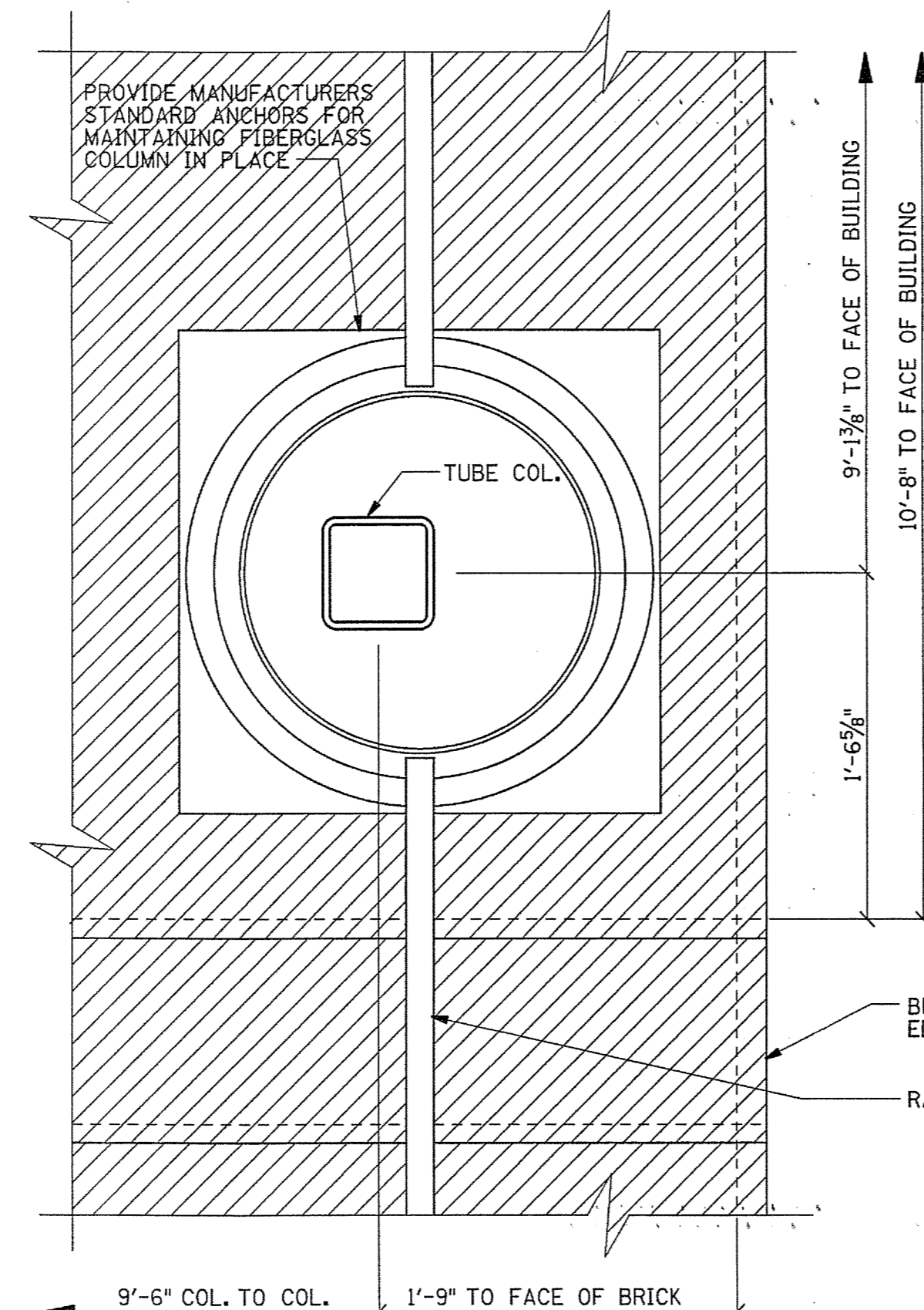
DETAIL

SCALE: 1 1/2" = 1'-0"



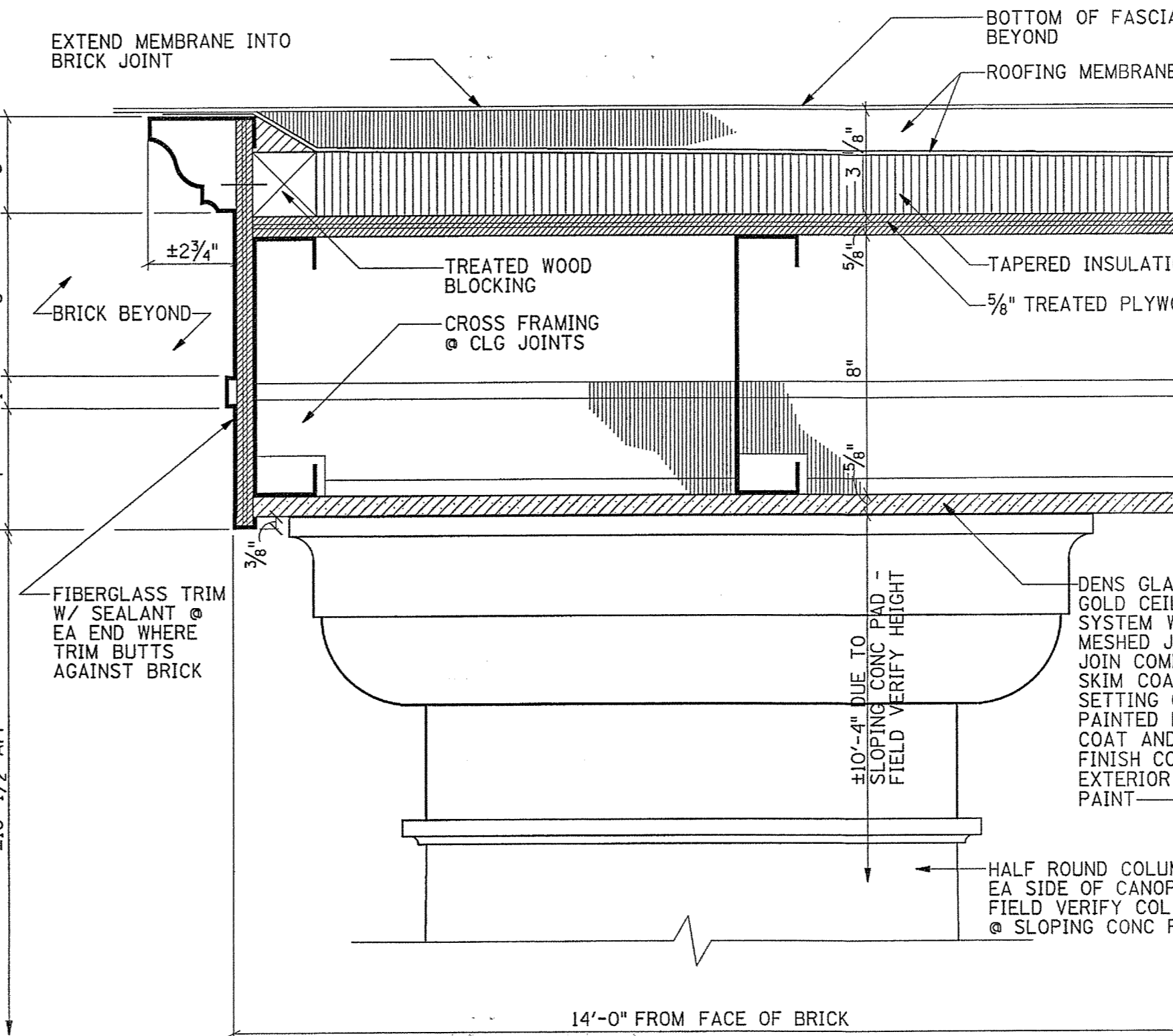
DETAIL

SCALE: 1 1/2" = 1'-0"



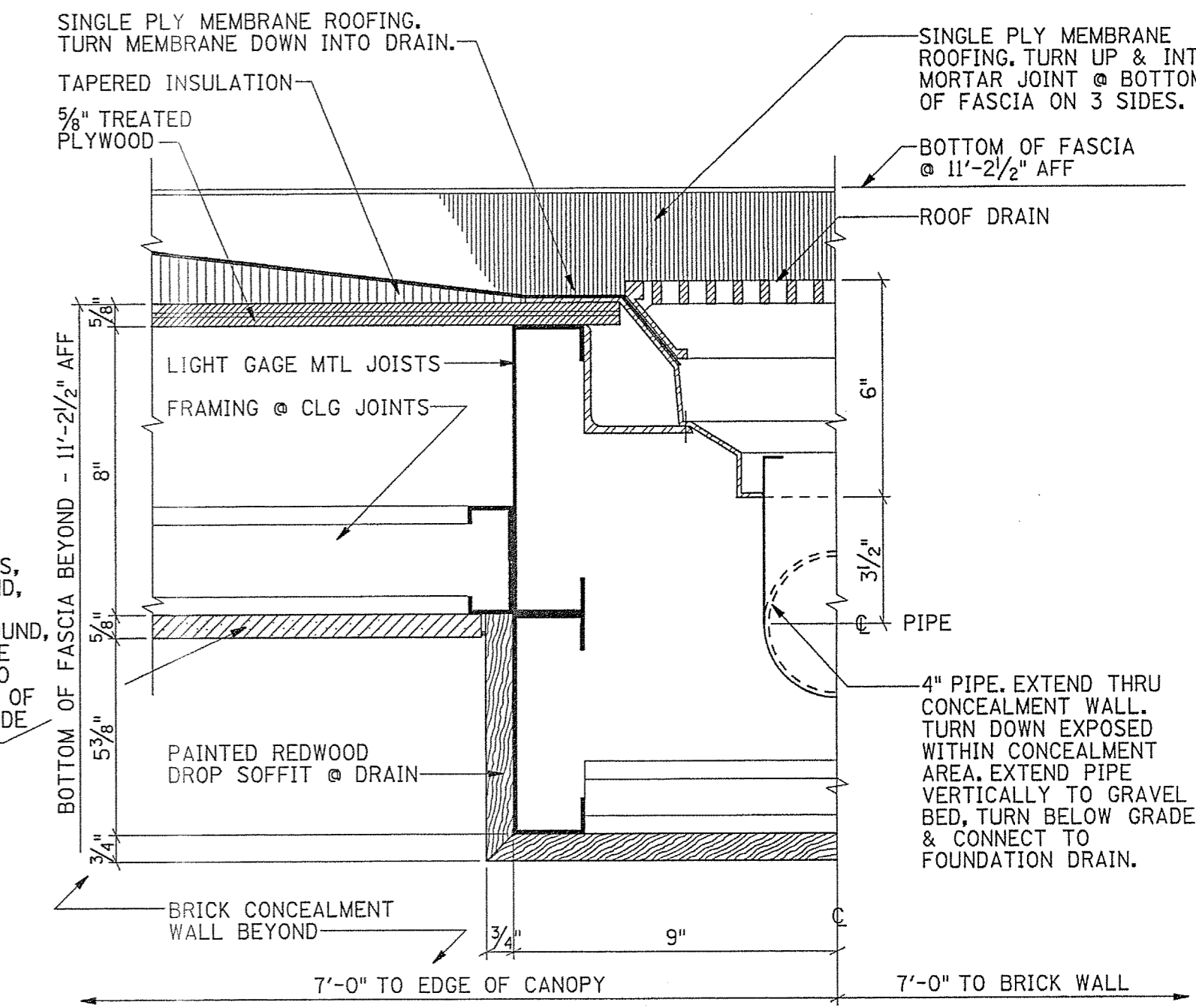
DETAIL

SCALE: 1 1/2" = 1'-0"



CANOPY EDGE DETAIL

SCALE: 3" = 1'-0"

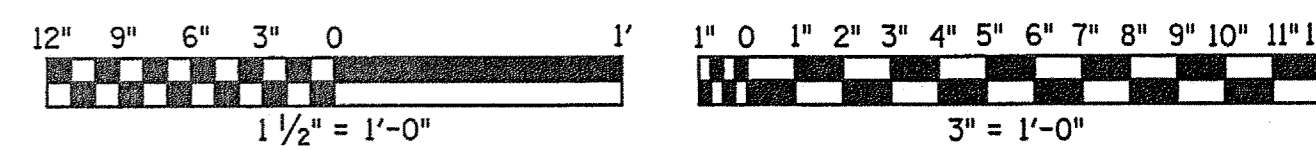


CANOPY DRAIN DETAIL

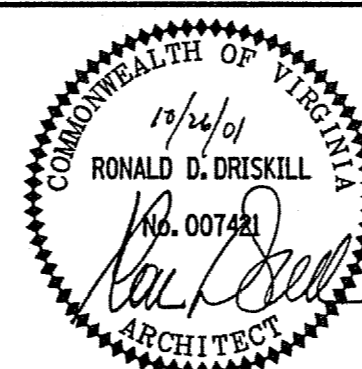
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IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.



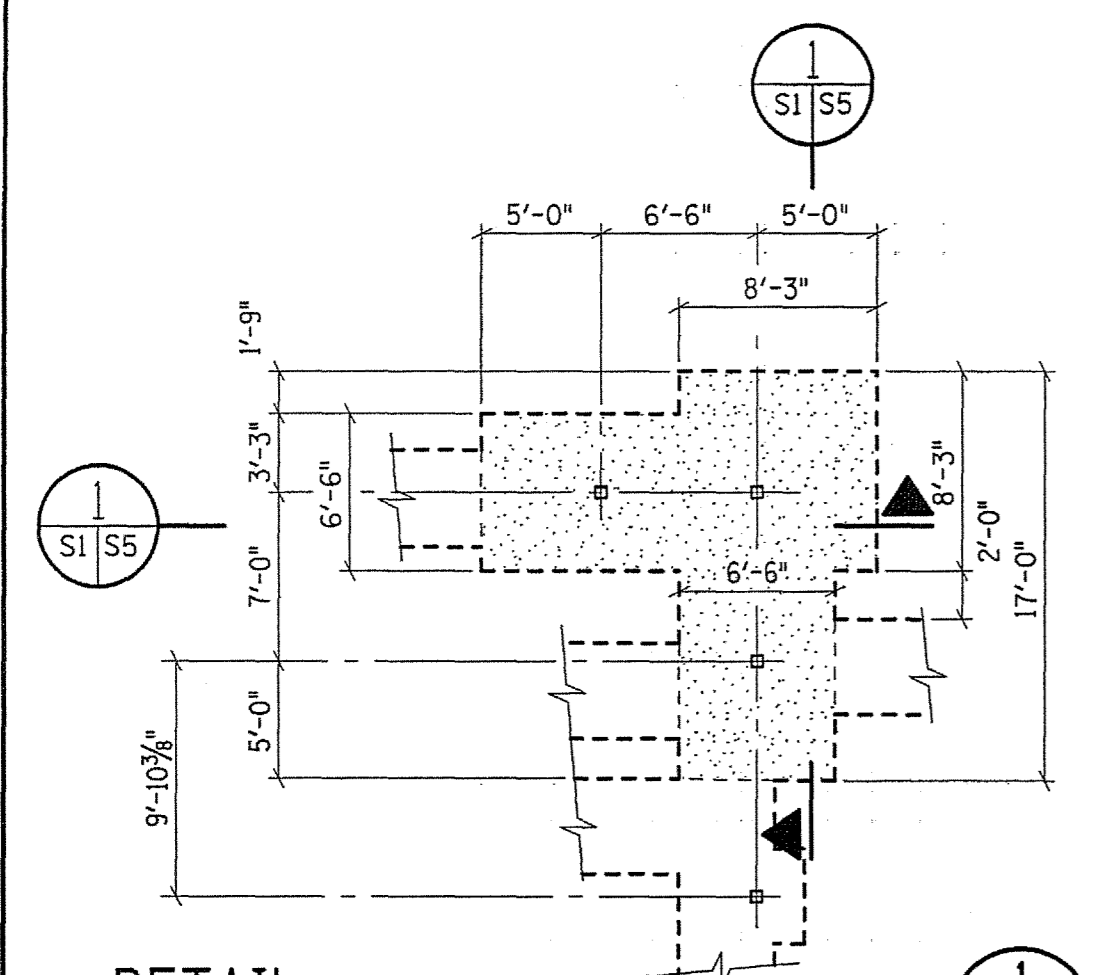
REV.	DATE	BY	APP.	DESCRIPTION



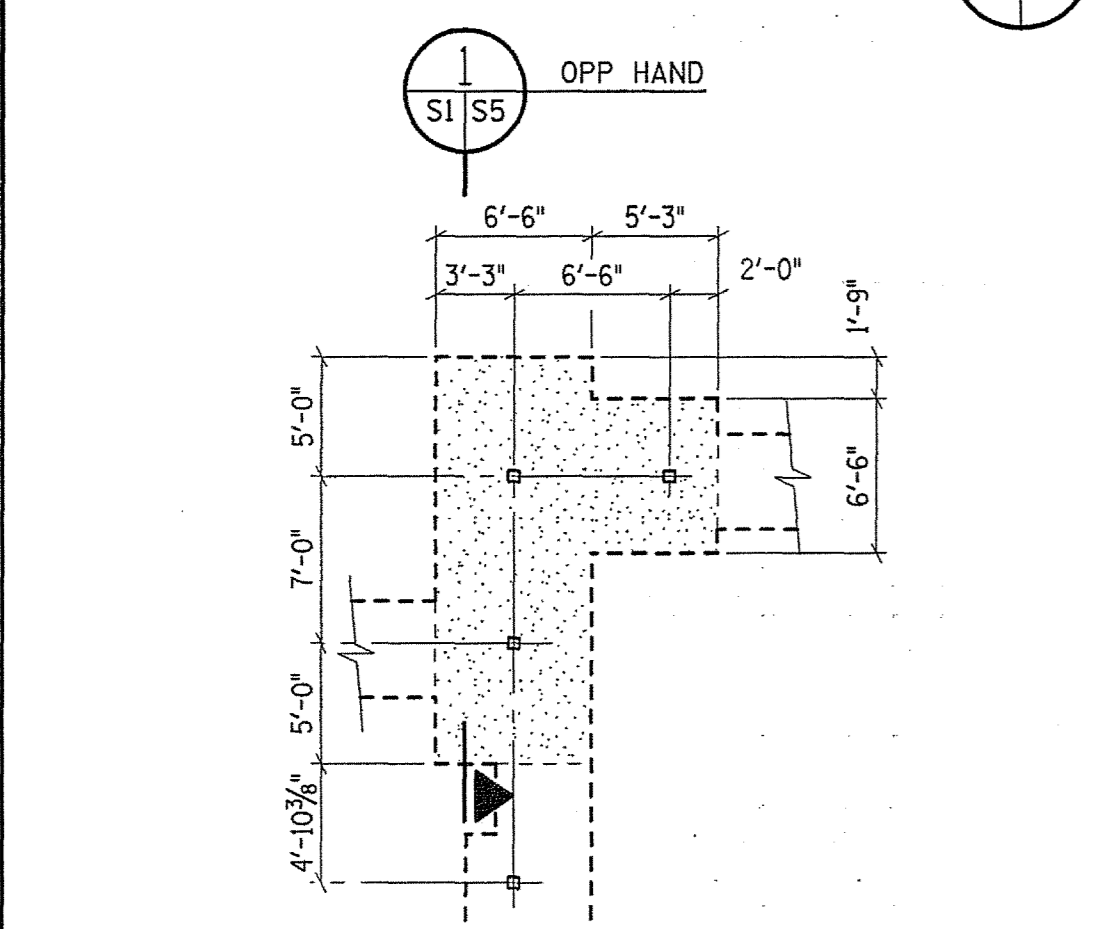
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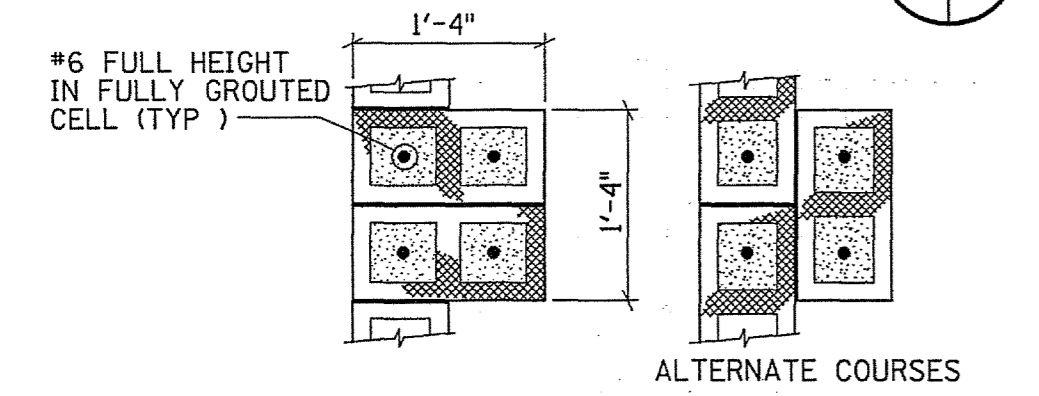
DESIGNED RDD	DRAWN CSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED RDD	REFERENCE 201087.10	ARCHITECTURAL
CADD NO. 201087A14	TITLE WALL DETAILS	DWG. NO. A-14
DATE 10/26/01	SHEET NO. 28 OF 48	REV. 0



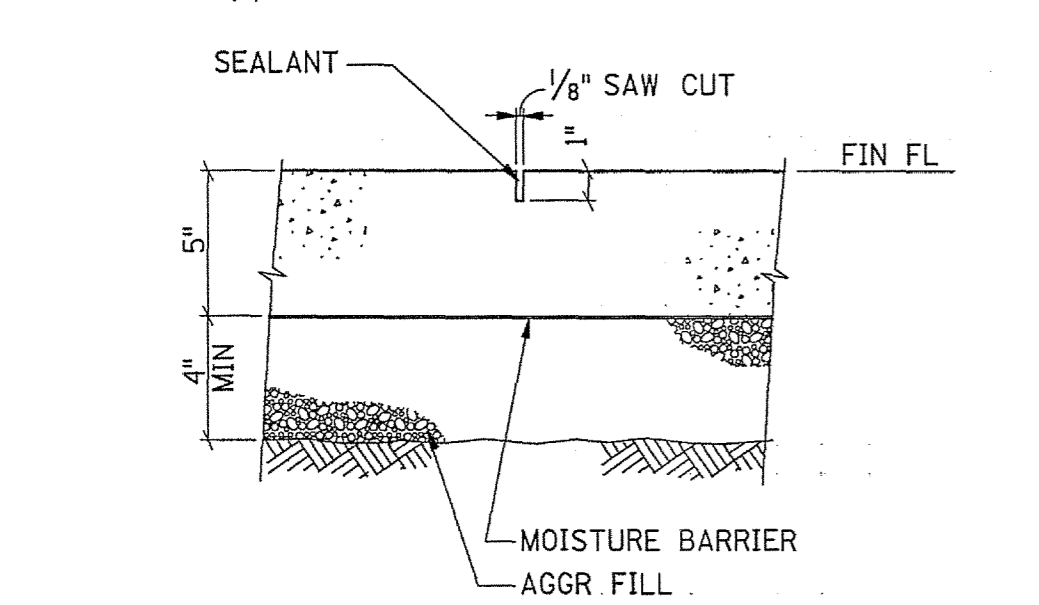
DETAIL 1
SCALE: 1/8"=1'-0"



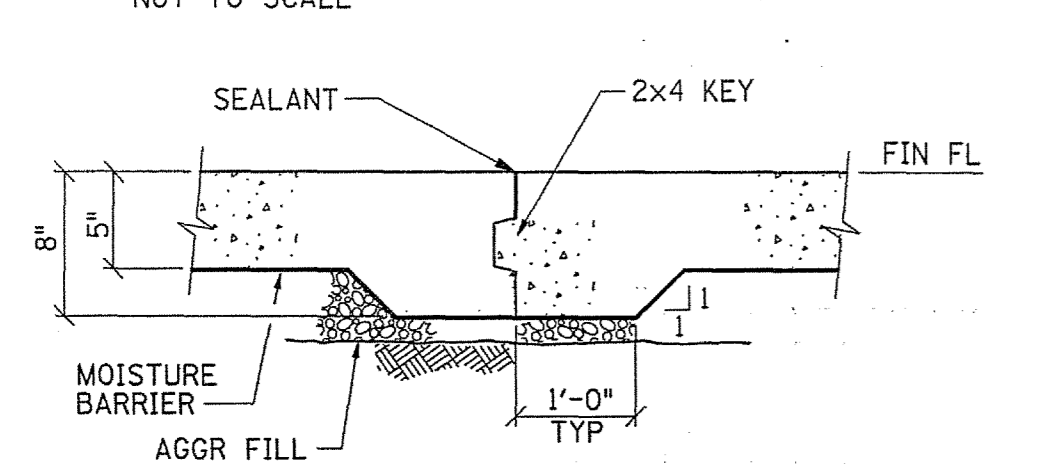
DETAIL 2
SCALE: 1/8"=1'-0"



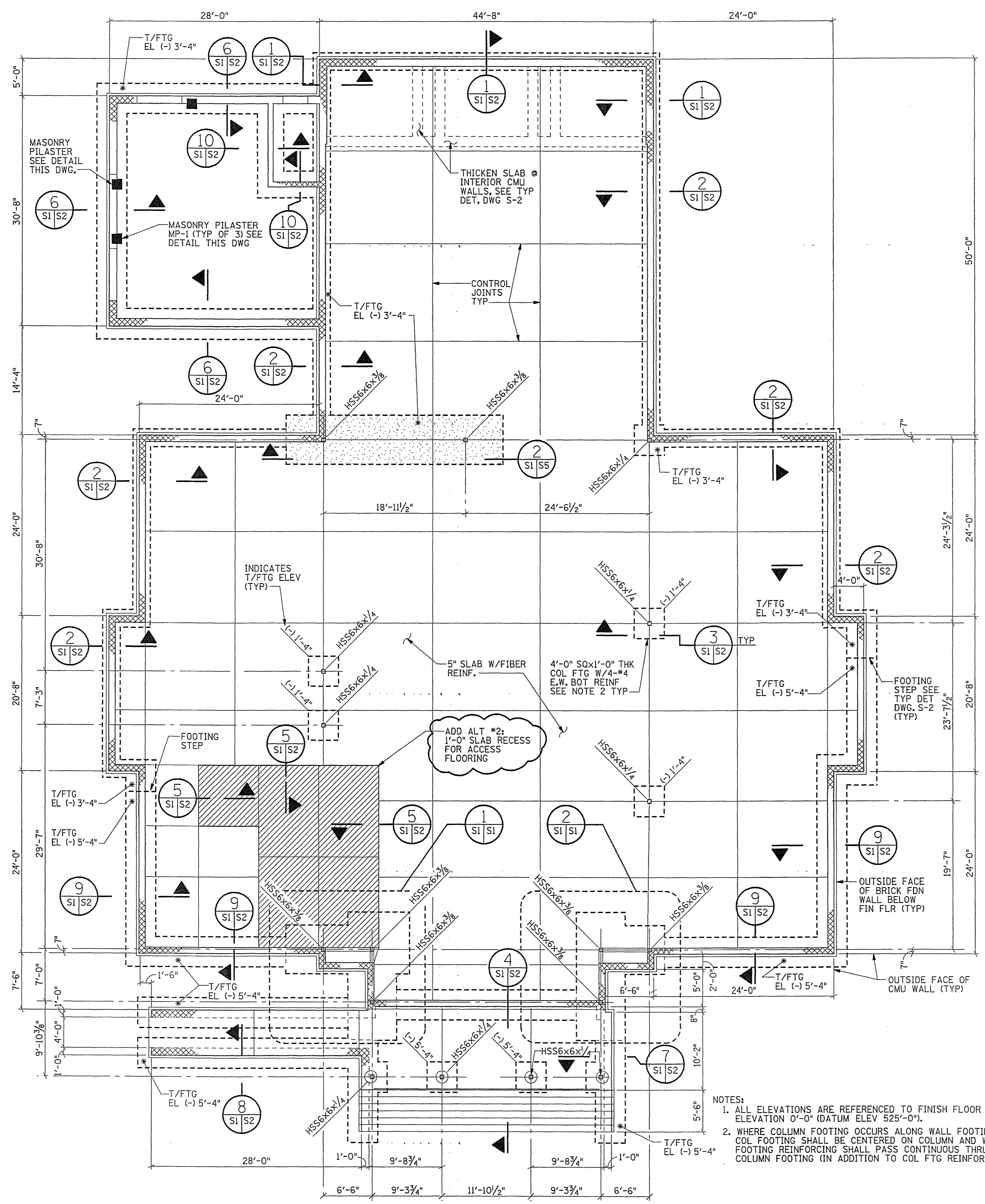
MASONRY PILASTER MP-1
SCALE: 3/4"=1'-0"



TYPICAL SLAB CONTROL JOINT
NOT TO SCALE



TYPICAL SLAB CONSTRUCTION JOINT
NOT TO SCALE



FLUVANNA PUBLIC SAFETY BUILDING - FOUNDATION PLAN
SCALE: 1/8"=1'-0"

STRUCTURAL GENERAL NOTES:

- MATERIAL DESIGN STRENGTHS:**
CAST-IN-PLACE CONCRETE..... $f'c = 4,000$ PSI
REINFORCING STEEL, DEFORMED..... $f_y = 60,000$ PSI

STRUCTURAL STEEL:
WIDE FLANGE SHAPES..... $F_y = 50,000$ PSI
ALL OTHERS UNL..... $F_y = 36,000$ PSI
STEEL TUBE (HSS SHAPES)..... $F_y = 46,000$ PSI

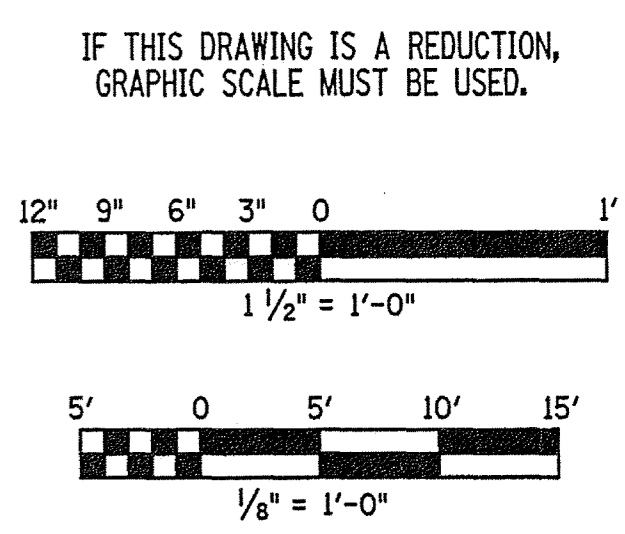
STRUCTURAL FIBERGLASS:
TUBES, PLATES & ACCESSORIES..... $F_y = 33,000$ PSI
(EXTREN SERIES 625 AS MANUF BY MMFG, OR APPROVED EQUAL)

SOIL BEARING CAPACITY:
SPREAD FOOTINGS..... 2,500 PSF
- DESIGN CODES:**
ACI 318-95 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
ACI 530-95 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES"
AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", JUNE 1, 1989
VIRGINIA UNIFORM STATEWIDE BUILDING CODE (BOCA 1996)
- DESIGN LOADS:**
DEAD LOADS:
STRUCTURAL STEEL ACTUAL WT
(NOT INCLUDED IN LOADS GIVEN BELOW)
EXTERIOR STUD WALL & FINISHES..... 15 PSF
ROOF TRUSS TOP CHORD LOAD..... 15 PSF
ROOF TRUSS BOTTOM CHORD LOAD..... 10 PSF
(SEE LIGHT GAGE METAL TRUSS NOTES, DWG S-3 FOR ADDITIONAL LOAD INFORMATION)
LIVE LOADS:
SLAB ON GRADE..... 100 PSF
ROOF TRUSS TOP CHORD LOAD..... 30 PSF
ROOF TRUSS BOTTOM CHORD LOAD..... ZERO
- WIND LOAD CRITERIA:**
BASIC WIND VELOCITY 70 MPH
WIND EXPOSURE CONDITION C
WIND IMPORTANCE FACTOR 1.15
- SNOW LOAD CRITERIA:**
GROUND SNOW LOAD..... 25 PSF
SNOW EXPOSURE FACTOR..... 0.7
SNOW IMPORTANCE FACTOR..... 1.2
FLAT ROOF SNOW LOAD..... 21 PSF
- SEISMIC LOAD CRITERIA:**
EFFECTIVE PEAK ACCELERATION, A_g 0.05
VELOCITY RELATED ACCELERATION, A_v 0.05
SEISMIC HAZARD EXPOSURE GROUP..... III
SEISMIC PERFORMANCE CATEGORY..... C
SEISMIC PROFILE TYPE..... S1
BASIC STRUCTURAL SYSTEM: LOAD BEARING WALL SYSTEM
SEISMIC RESISTING SYSTEM: REINFORCED MASONRY SHEAR WALLS
RESPONSE MODIFICATION FACTOR, R 3.5
DEFLECTION AMPLIFICATION FACTOR, C_d 3.0
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
- SEE CIVIL DRAWINGS FOR THE EXTENT OF UNDERCUTTING AND BACKFILLING TO BE INCLUDED IN THE BID. THE BEARING ELEVATION MAY BE FURTHER LOWERED BY THE GEOTECHNICAL ENGINEER IN THE FIELD.
- PLACE CONCRETE FOR WALL FOOTINGS MONOLITHICALLY WITH COLUMN FOOTINGS. CONSTRUCTION JOINTS IN WALL FOOTINGS SHALL BE MADE ONLY MIDWAY BETWEEN COLUMN FOOTINGS.
- PLACE CONCRETE FOR SLAB ON GRADE IN CONTINUOUS STRIPS AND PROVIDE CONTROL OR CONSTRUCTION JOINTS AT LOCATIONS SHOWN ON DRAWINGS.
- WHERE REINFORCEMENT SPLICES ARE INDICATED, SPLICE LENGTHS SHALL BE AS FOLLOWS UNLESS OTHERWISE DETAILED:

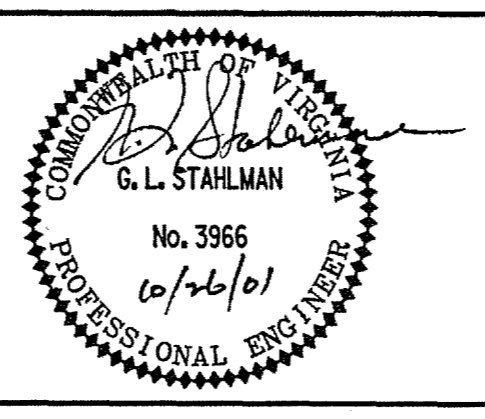
BAR SIZE	IN CONCRETE		IN MASONRY
	TOP BARS	OTHER BARS	
#3	18"	16"	24"
#4	24"	19"	24"
#5	30"	23"	30"
#6	36"	28"	36"
#7	42"	33"	42"
#8	48"	37"	-
#9	55"	42"	-
#10	65"	50"	-
#11	80"	62"	-

TOP BARS INCLUDE ALL HORIZONTAL WALL REINFORCING

- NOTES:**
- ALL ELEVATIONS ARE REFERENCED TO FINISH FLOOR ELEVATION 0'-0" (DATUM ELEV 525'-0").
 - WHERE COLUMN FOOTING OCCURS ALONG WALL FOOTING, COL FOOTING SHALL BE CENTERED ON COLUMN AND WALL FOOTING REINFORCING SHALL PASS CONTINUOUS THRU COLUMN FOOTING (IN ADDITION TO COL FTG REINFORCING).

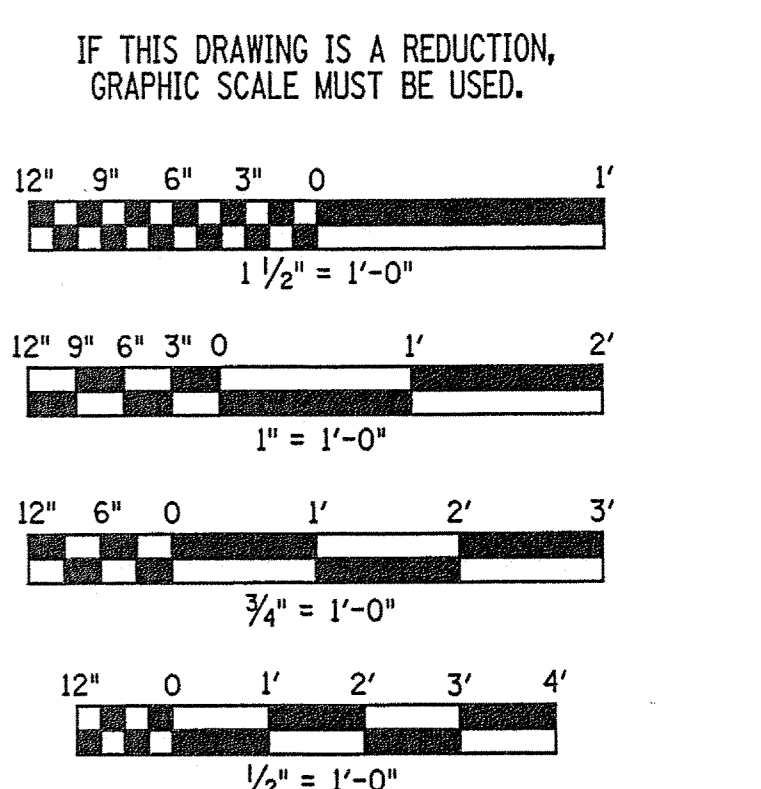
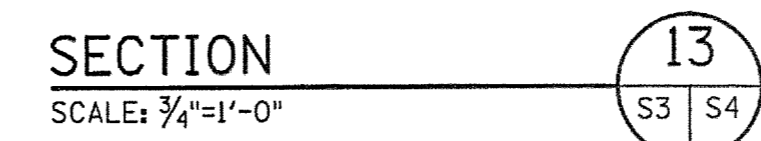
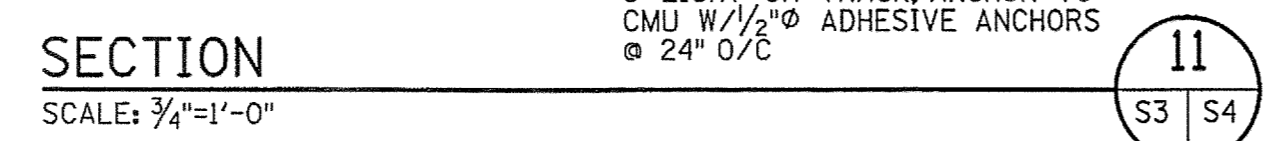
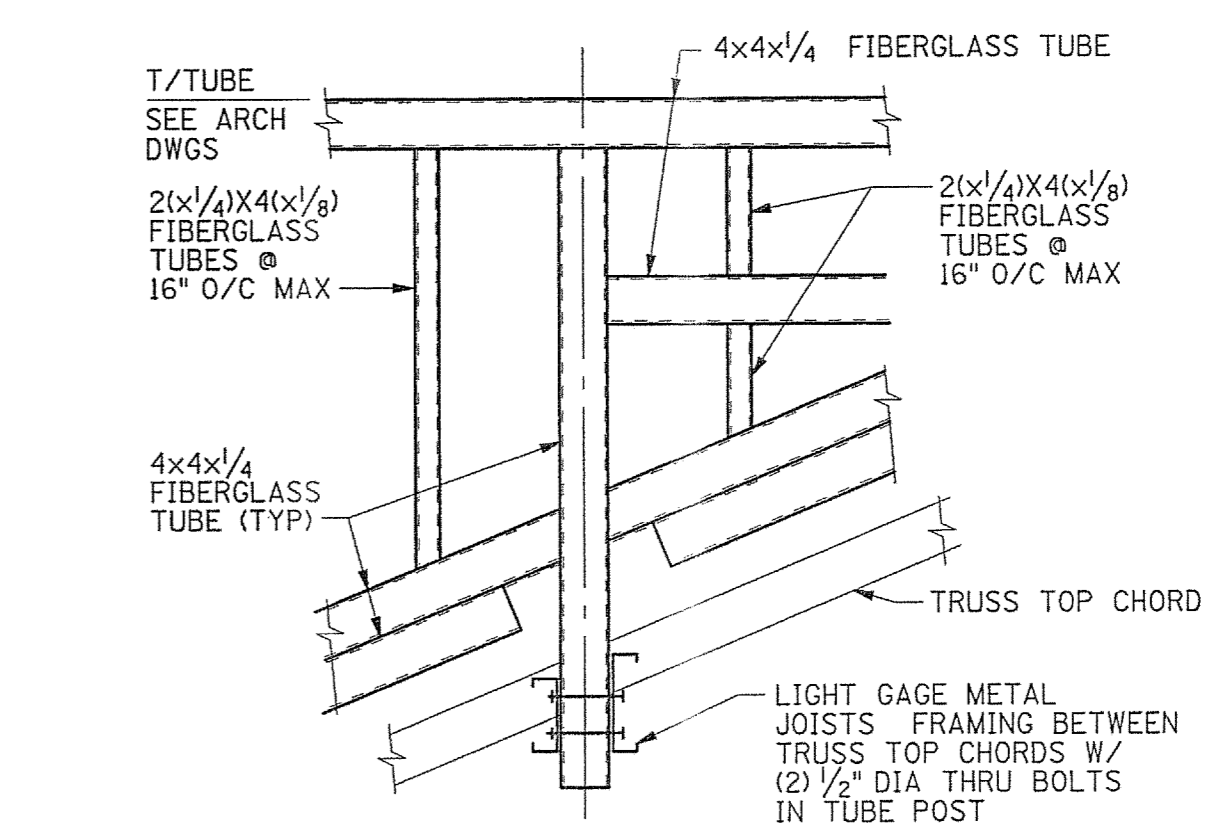
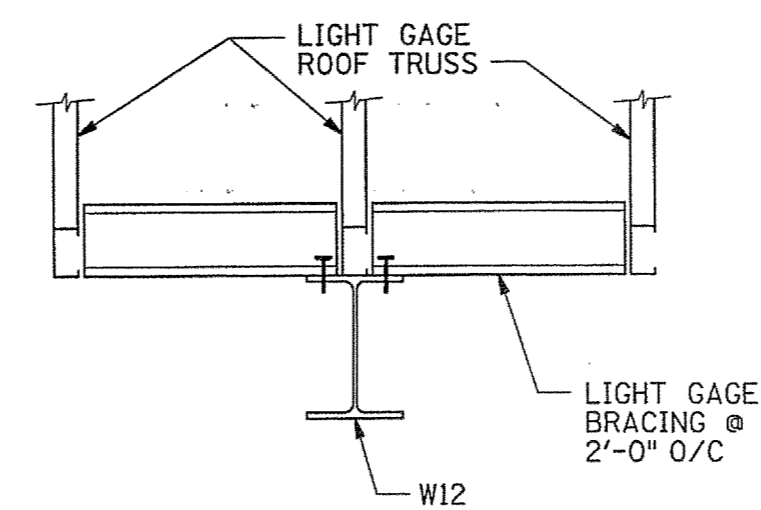
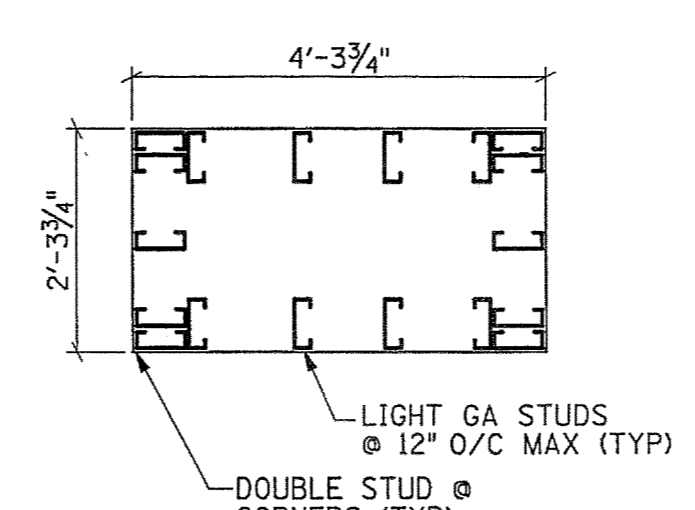
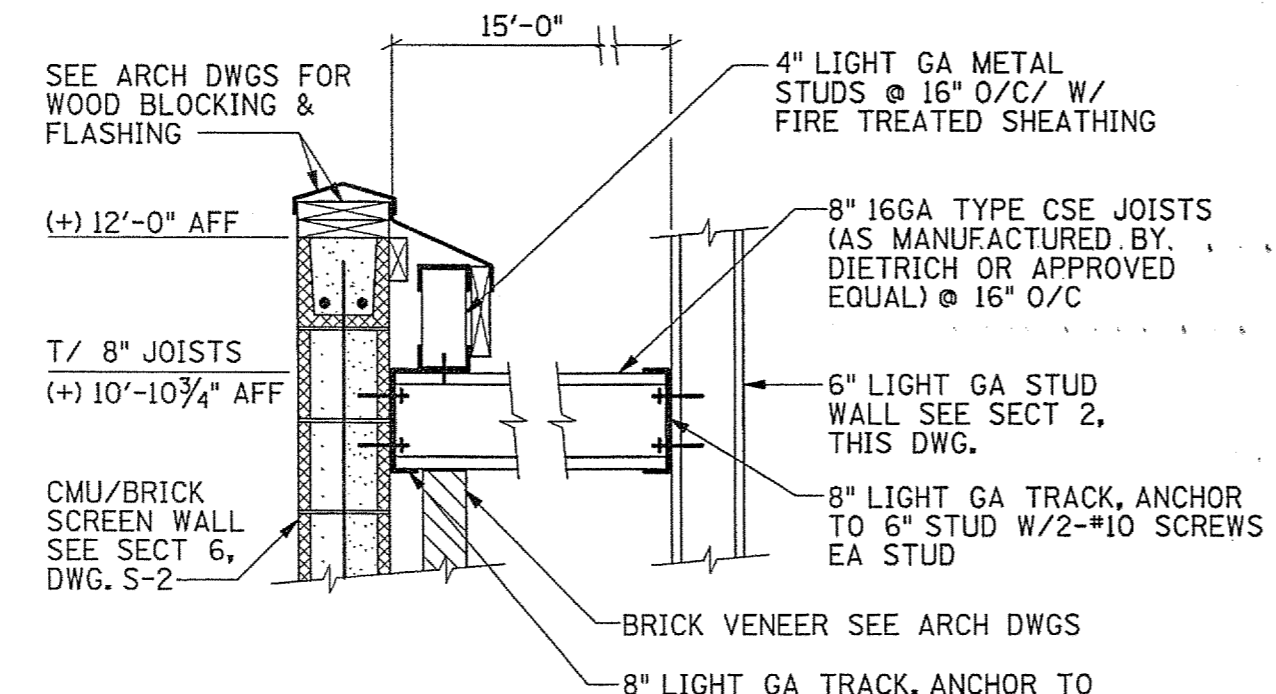
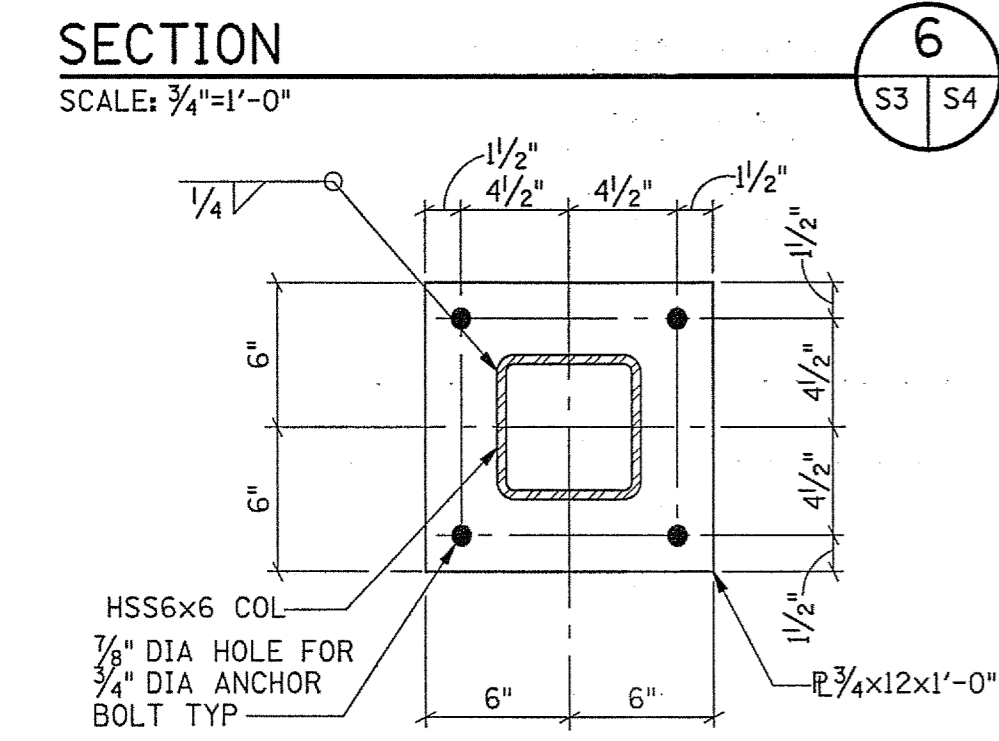
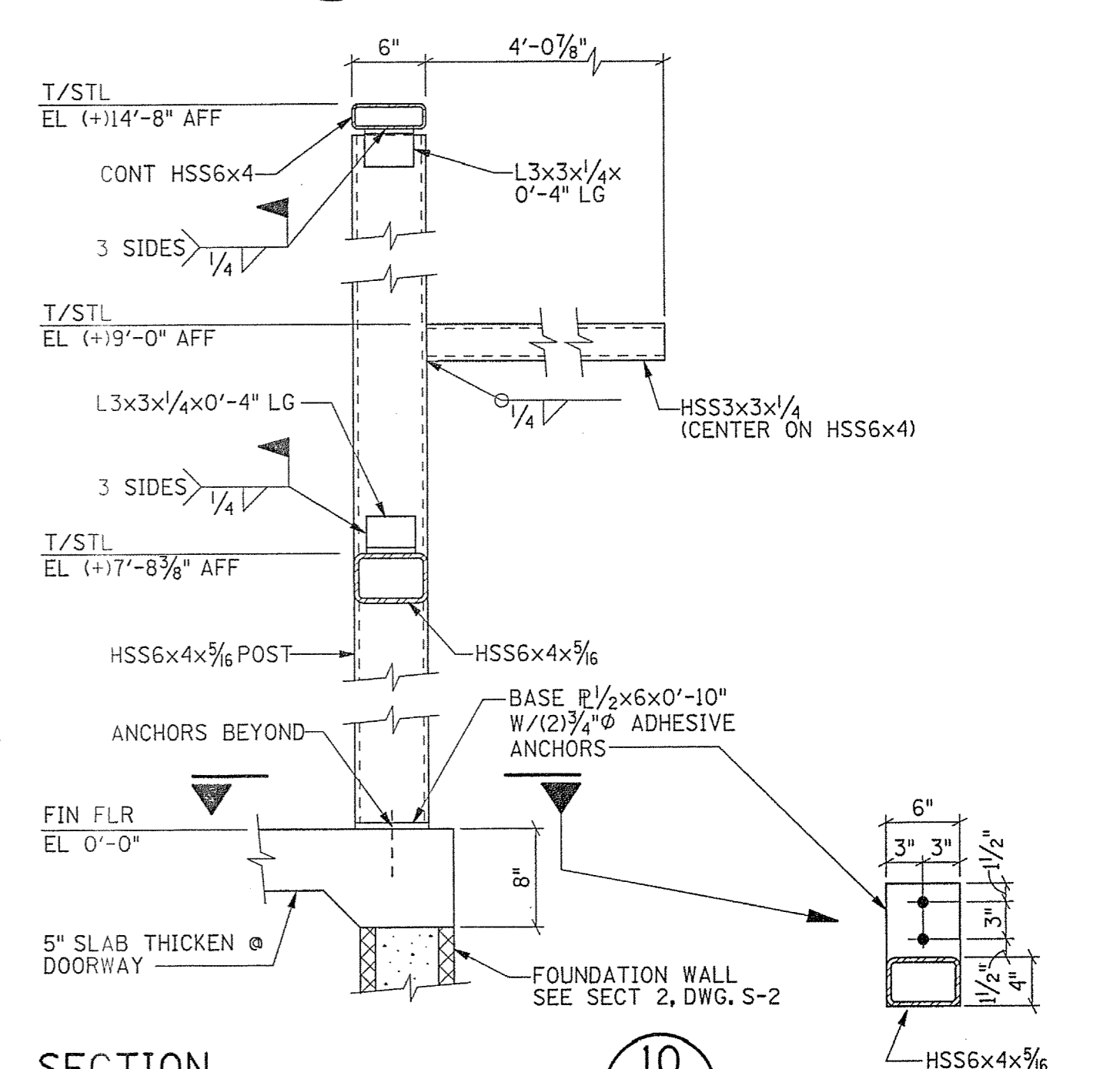
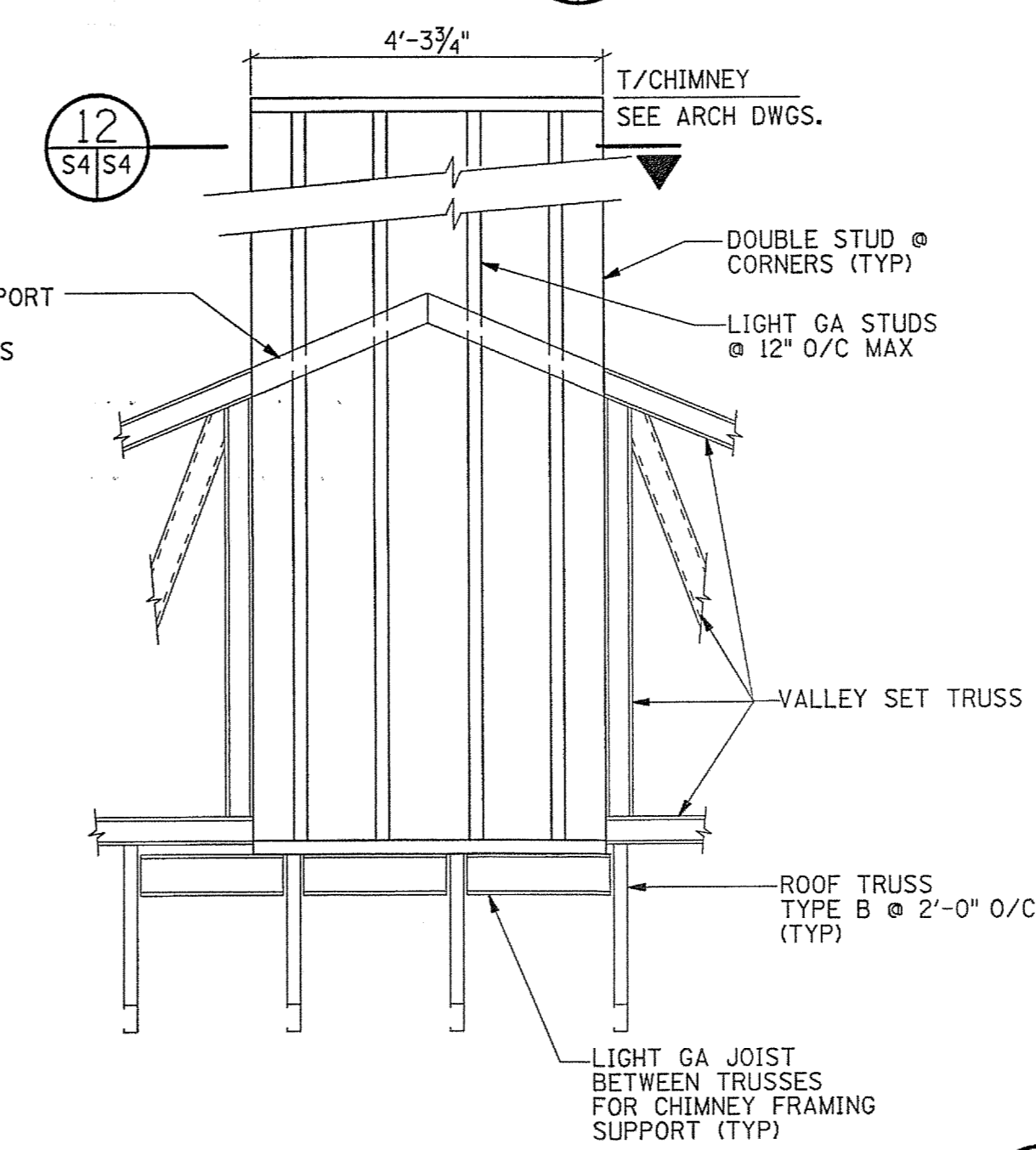
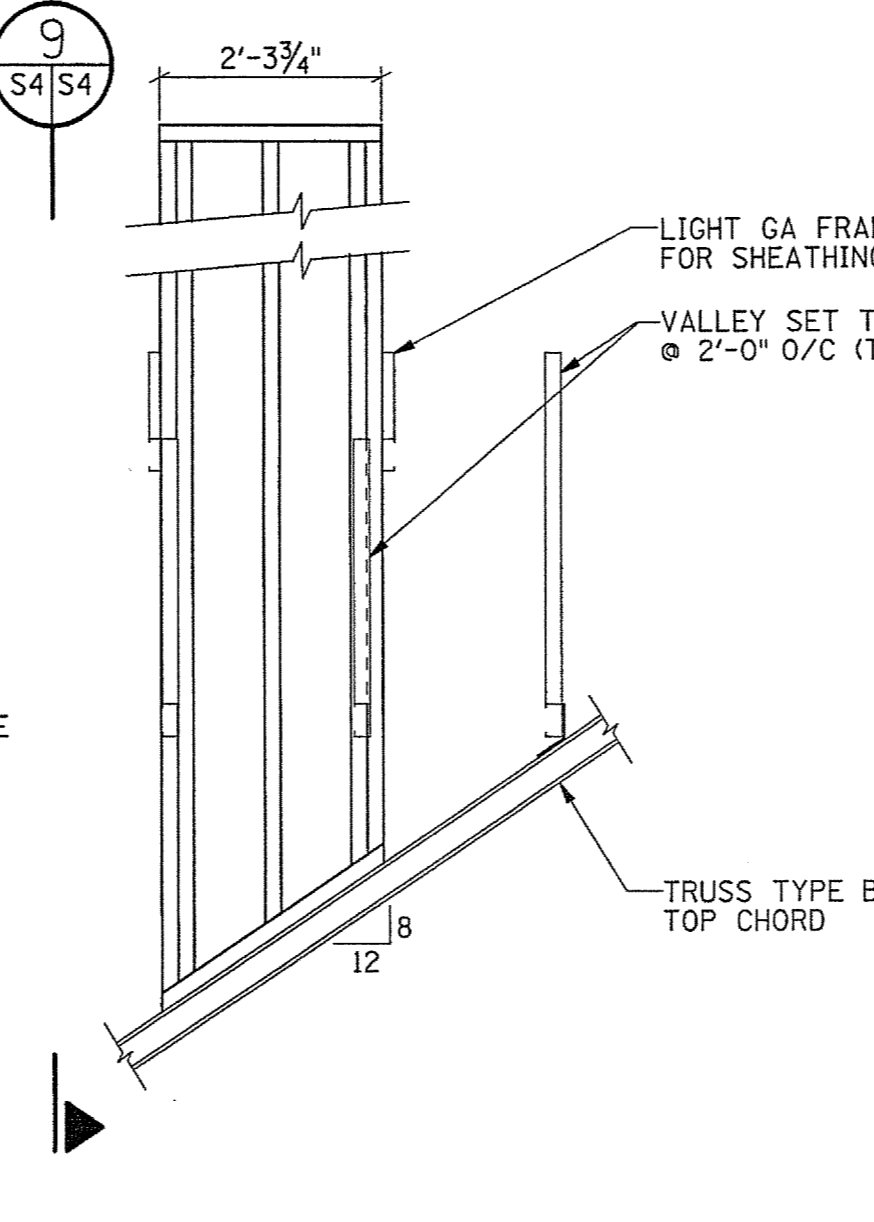
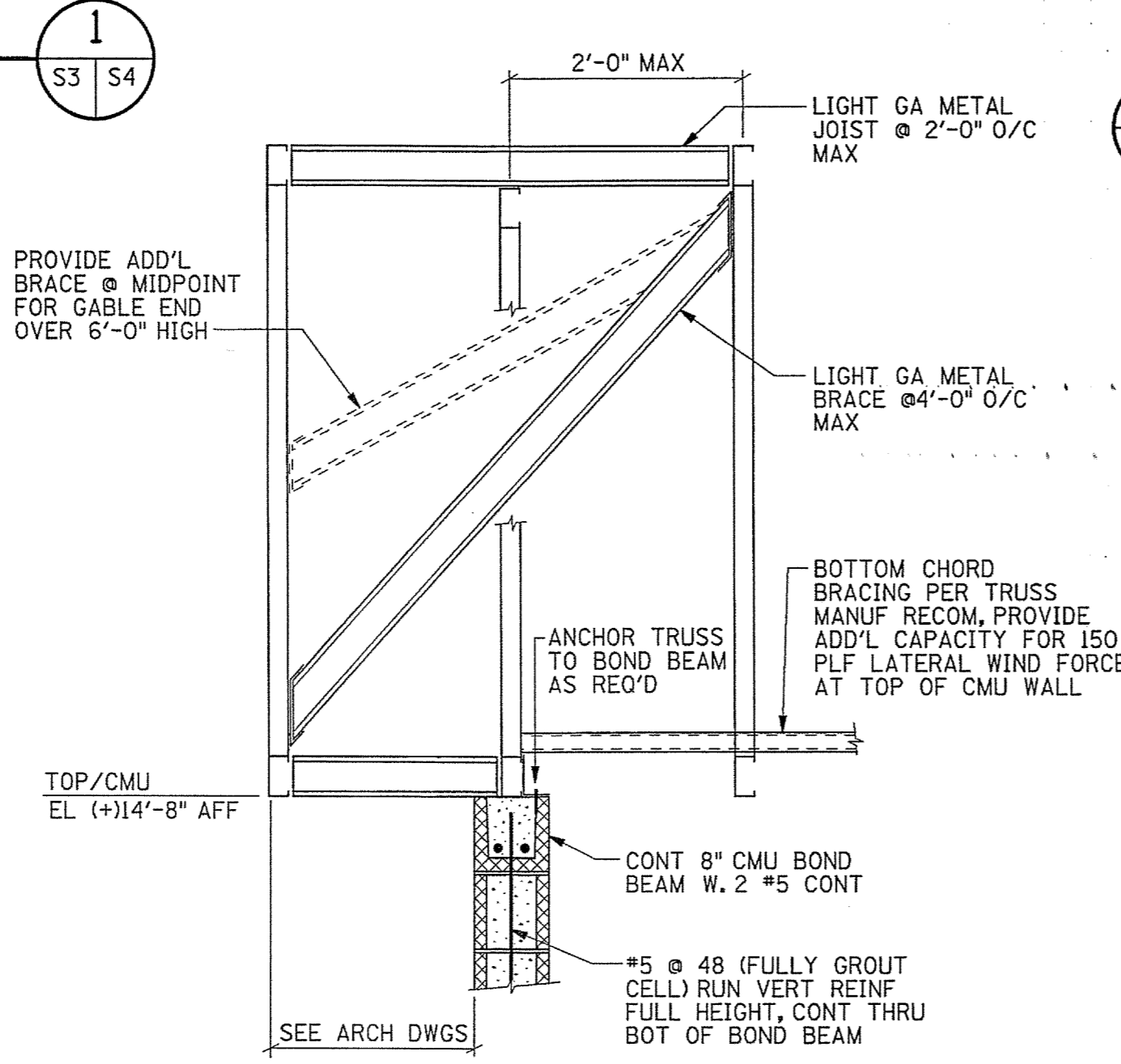
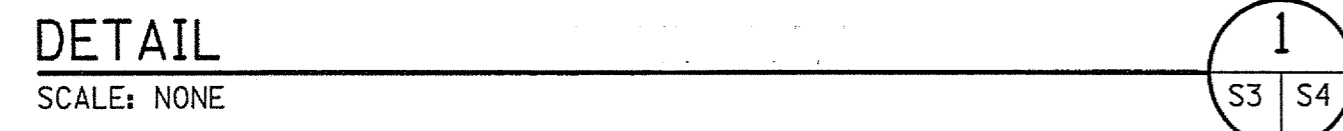
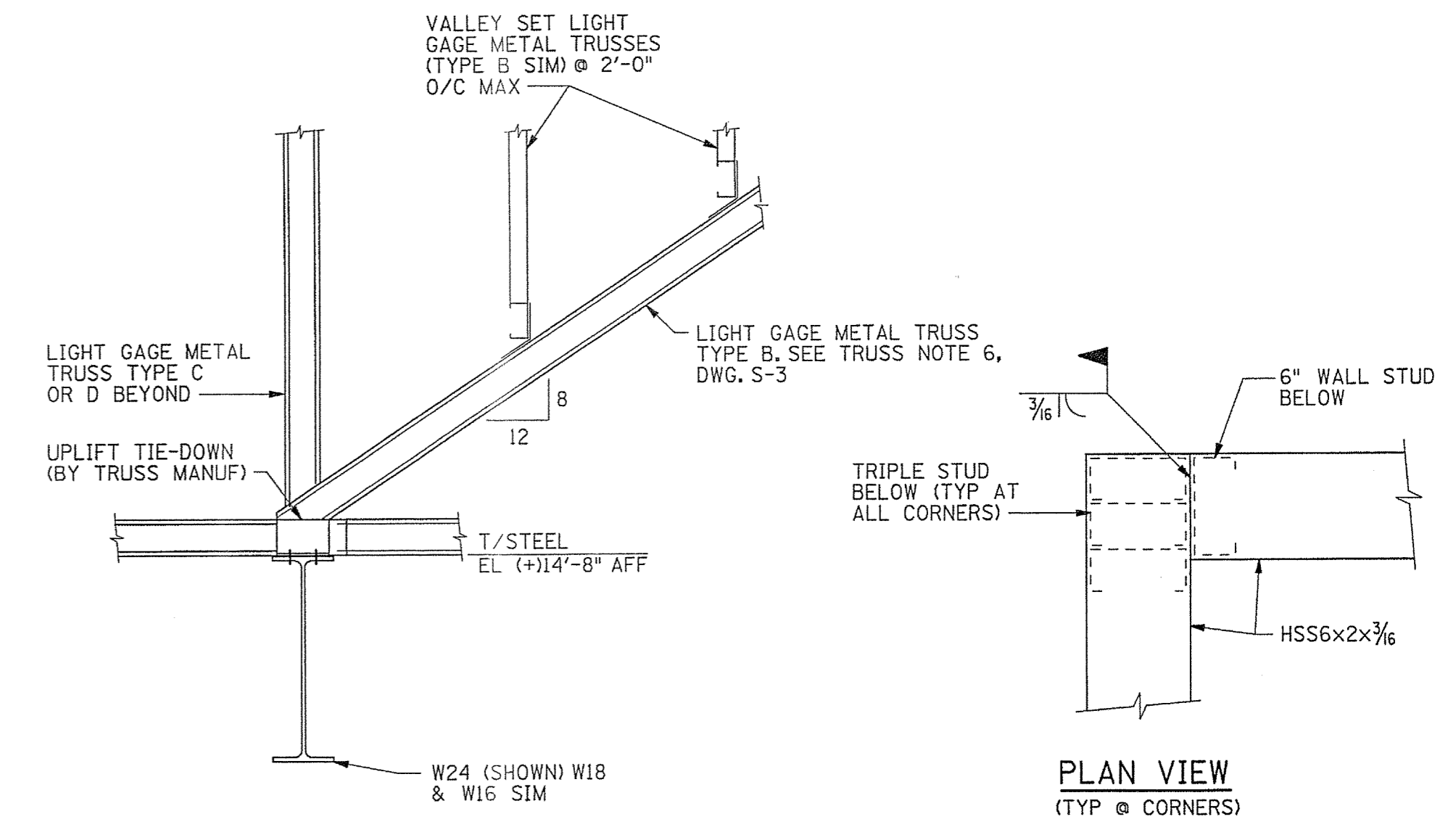
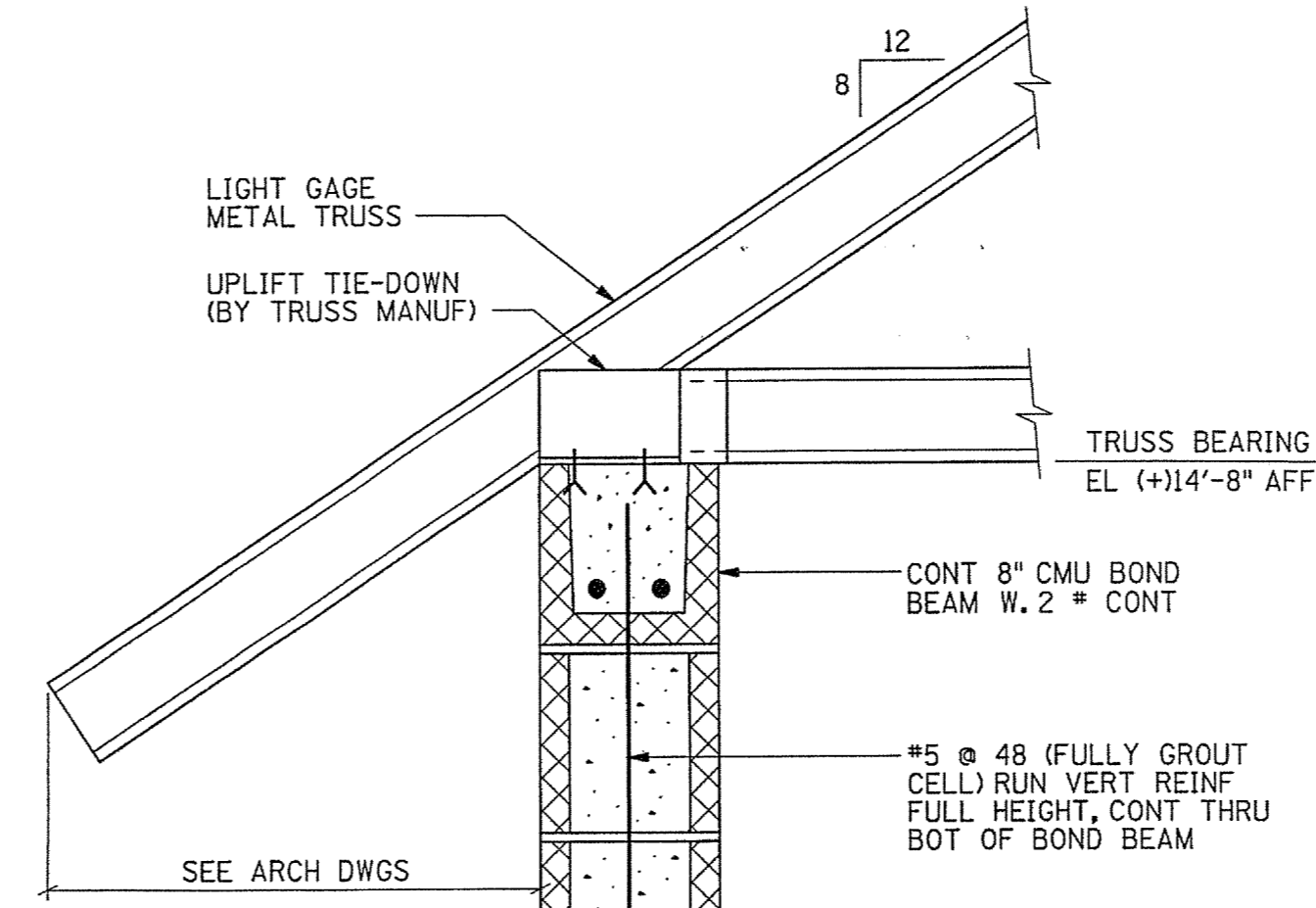
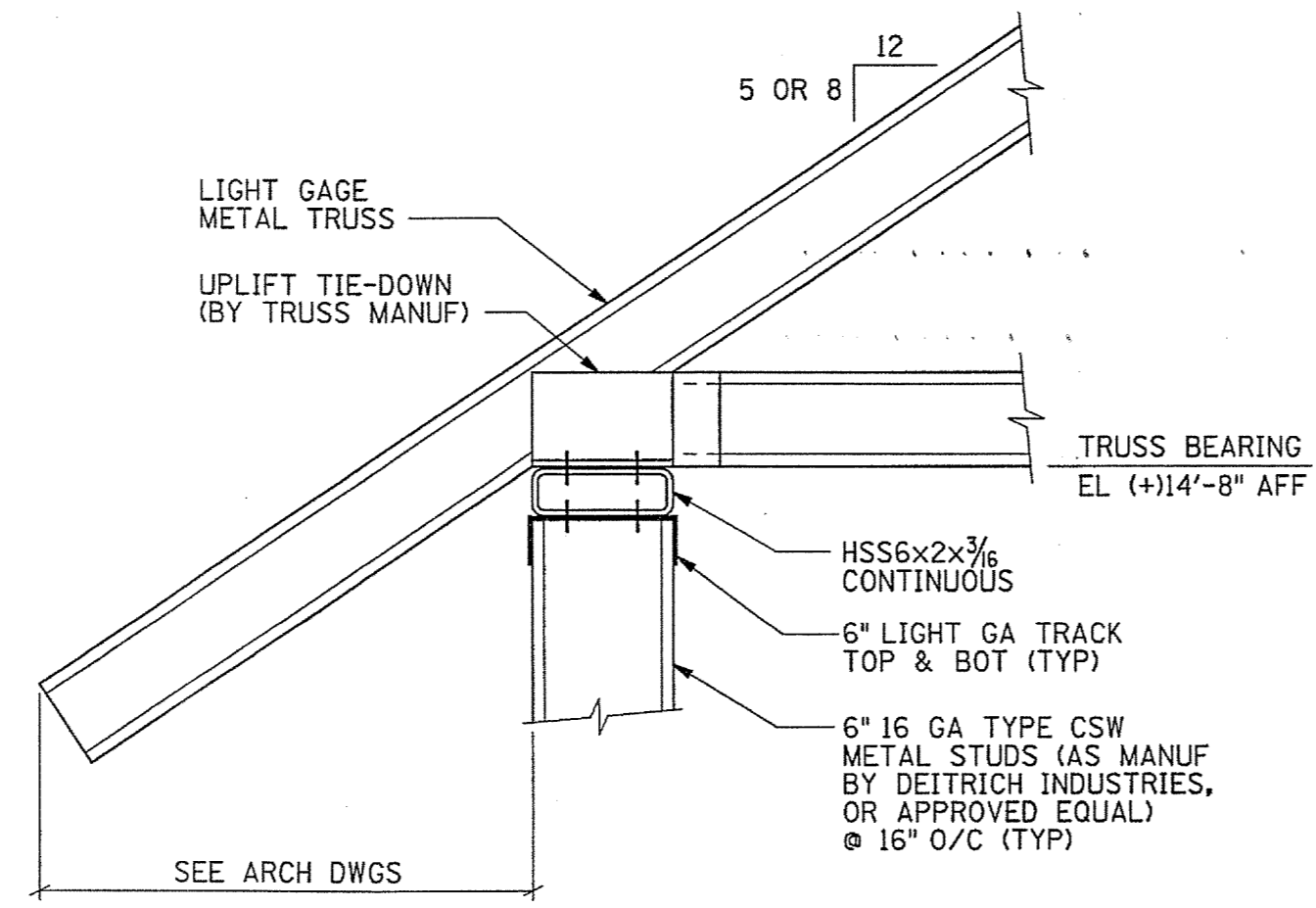
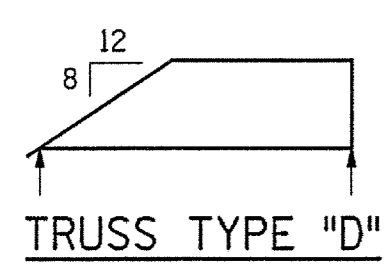
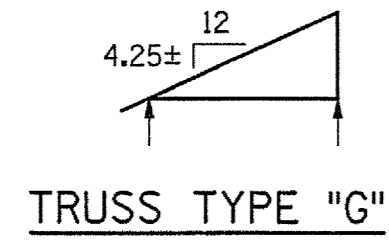
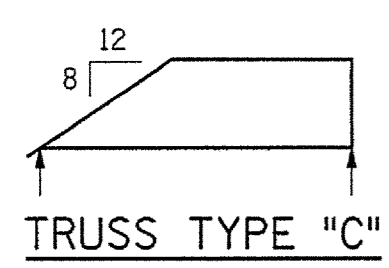
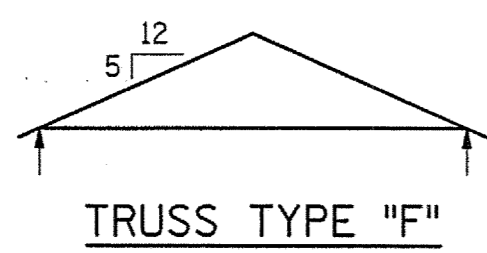
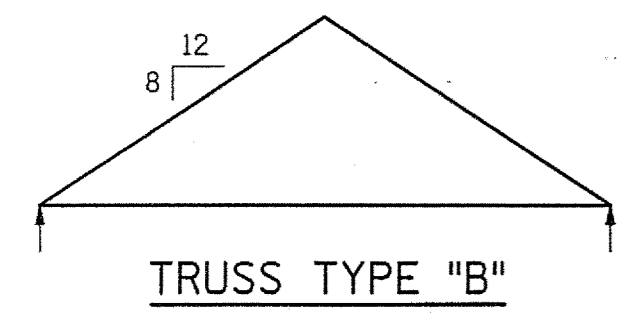
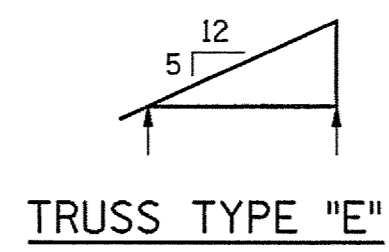
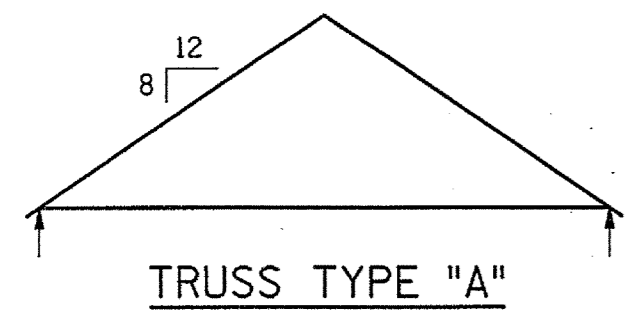


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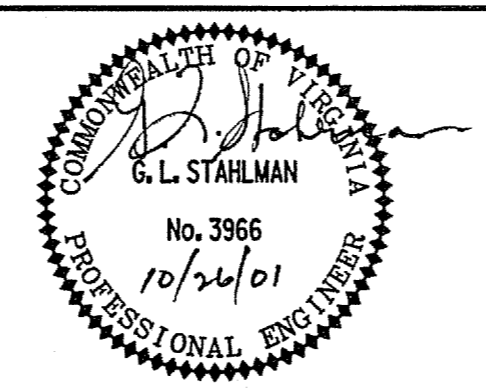


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24505-0877

DESIGNED HAP	DRAWN HAP	PROJECT
		FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED GLS	REFERENCE	TITLE
		STRUCTURAL FOUNDATION PLAN
DATE	DWG. NO.	SHEET NO.
10/26/01	S-1	29 OF 48

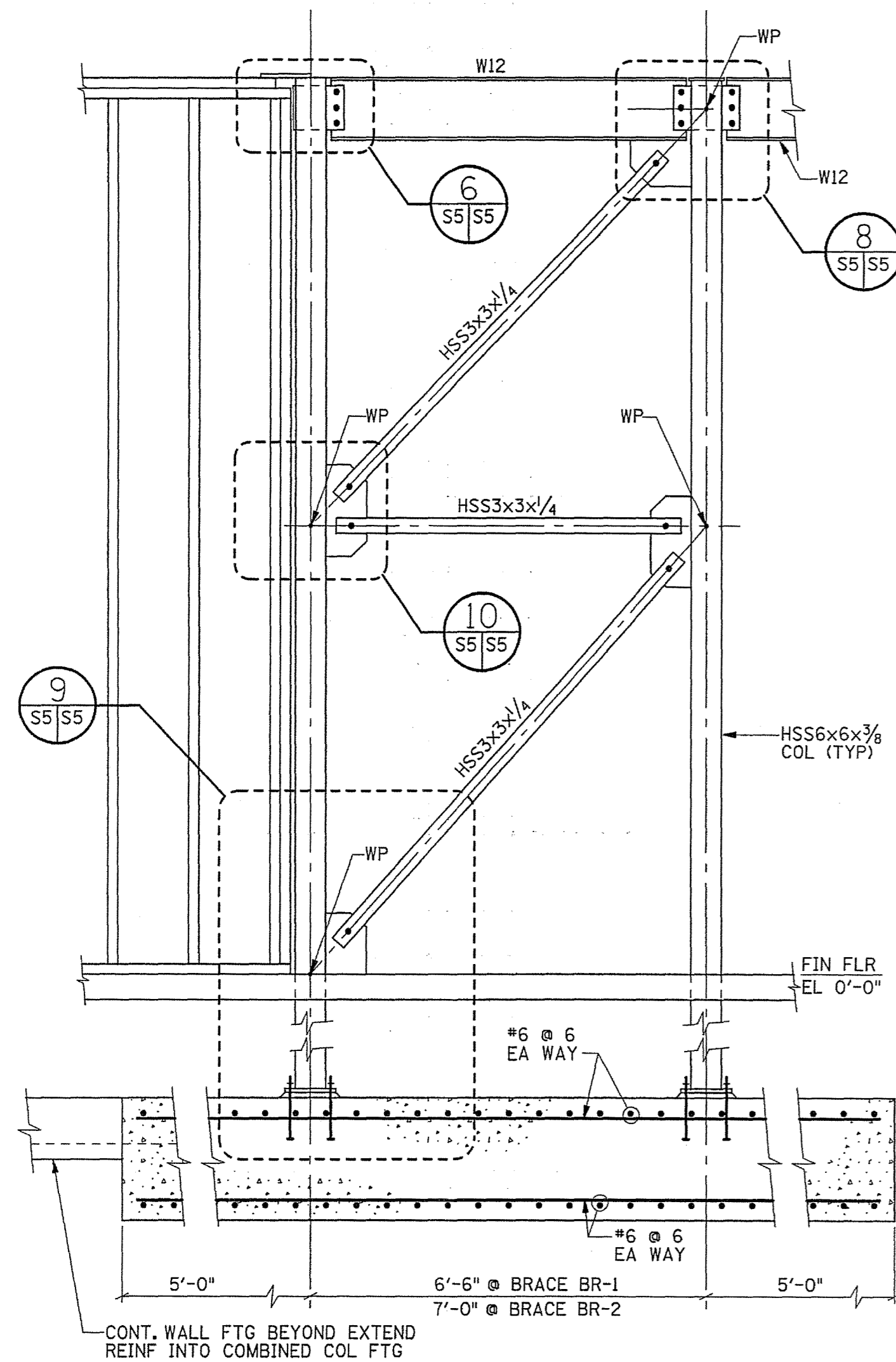


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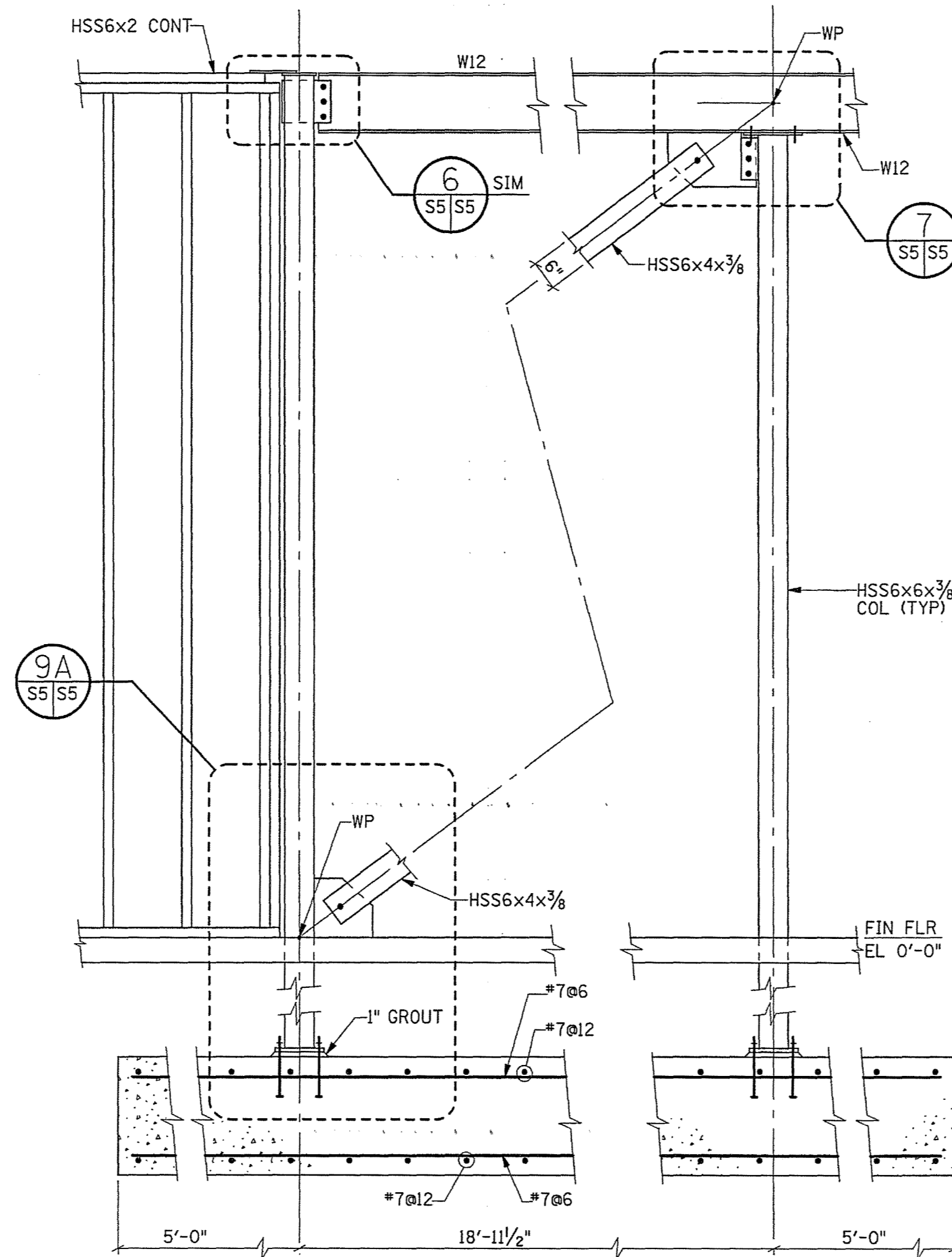


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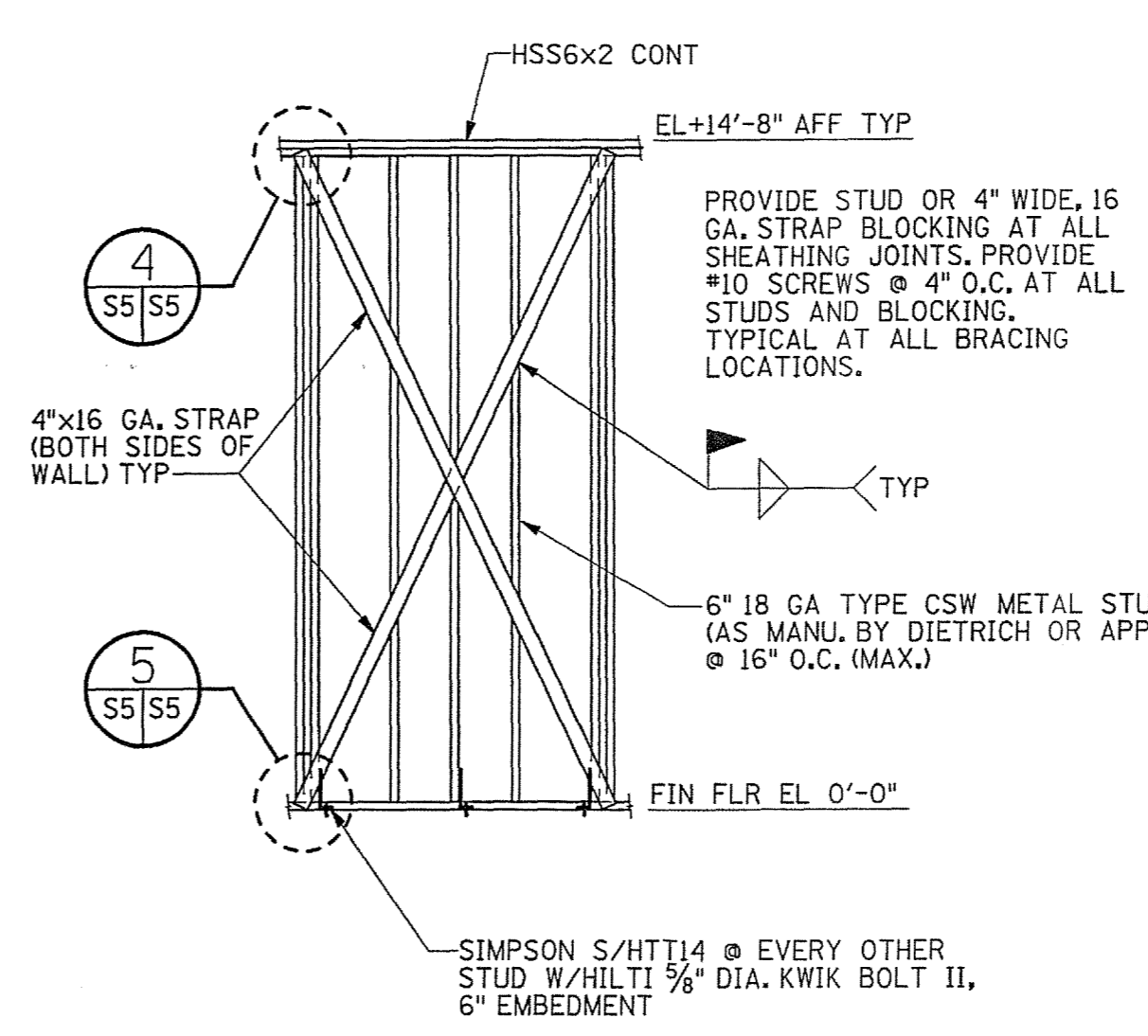
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CHECKED GLS		REFERENCE	STRUCTURAL
COMM. NO. 201087.10		TITLE	ROOF SECTIONS & DETAILS
CADD NO. 201087S04		DWG. NO.	S-4
DATE 10/26/01		SHEET NO.	32 OF 48
		REV.	0



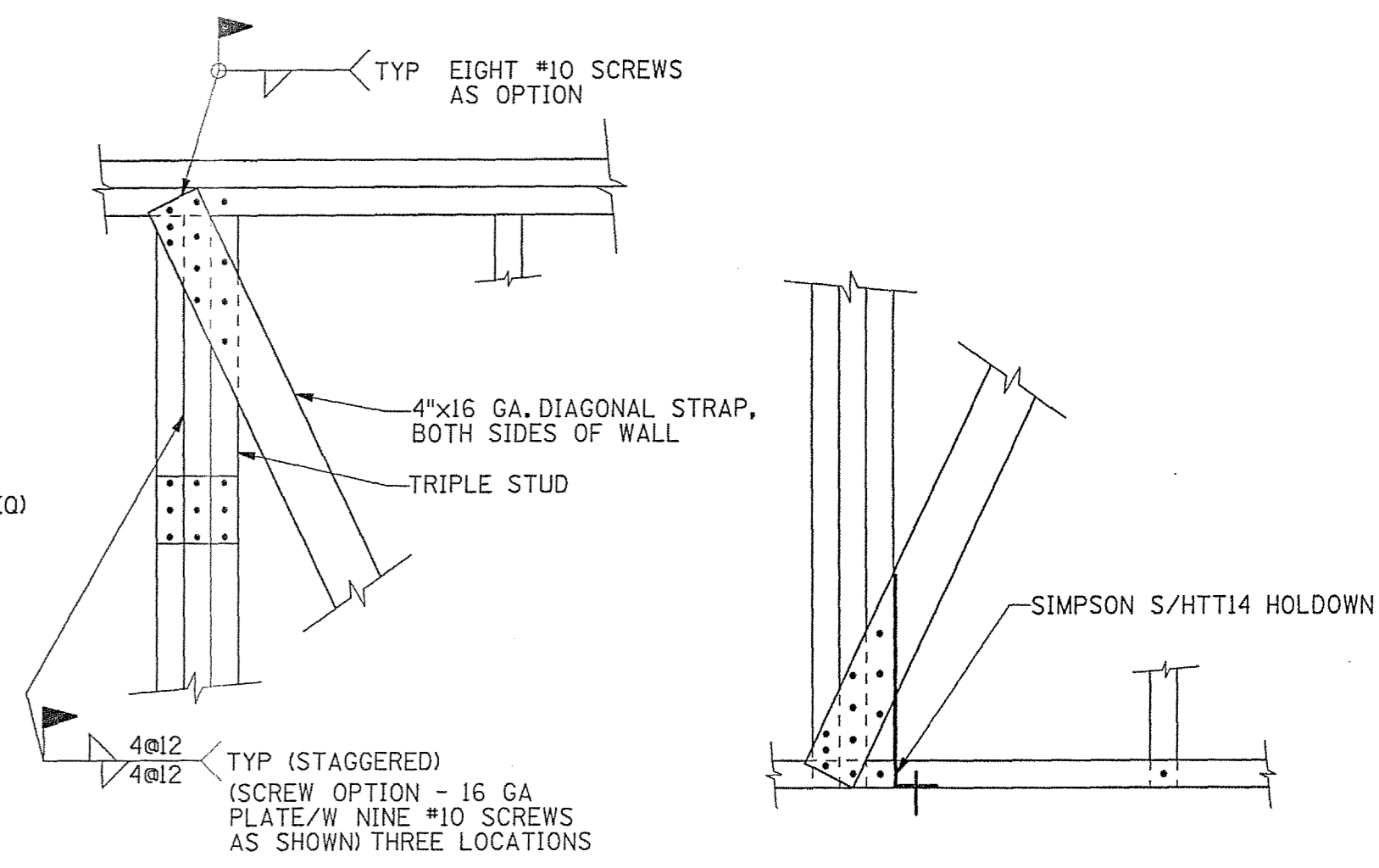
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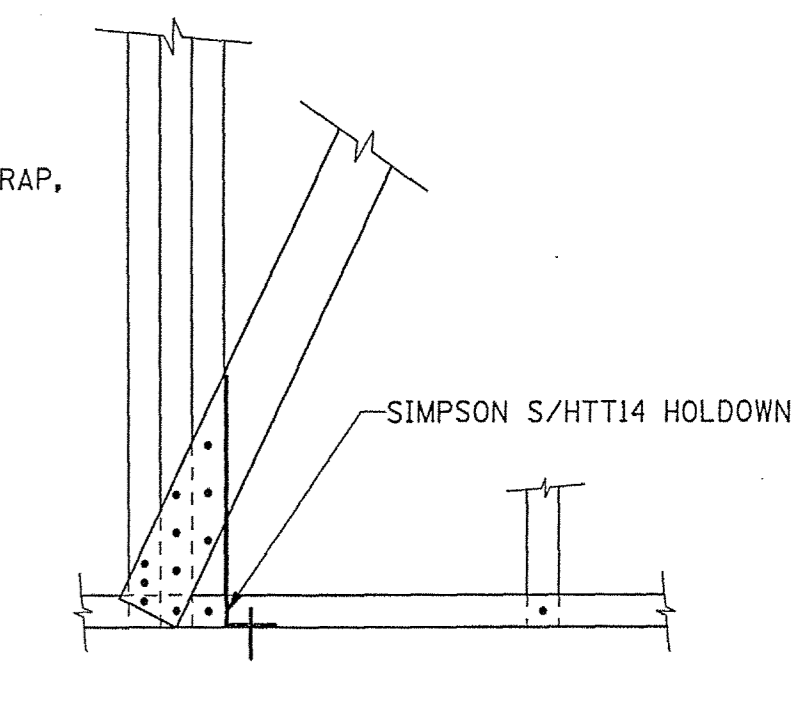
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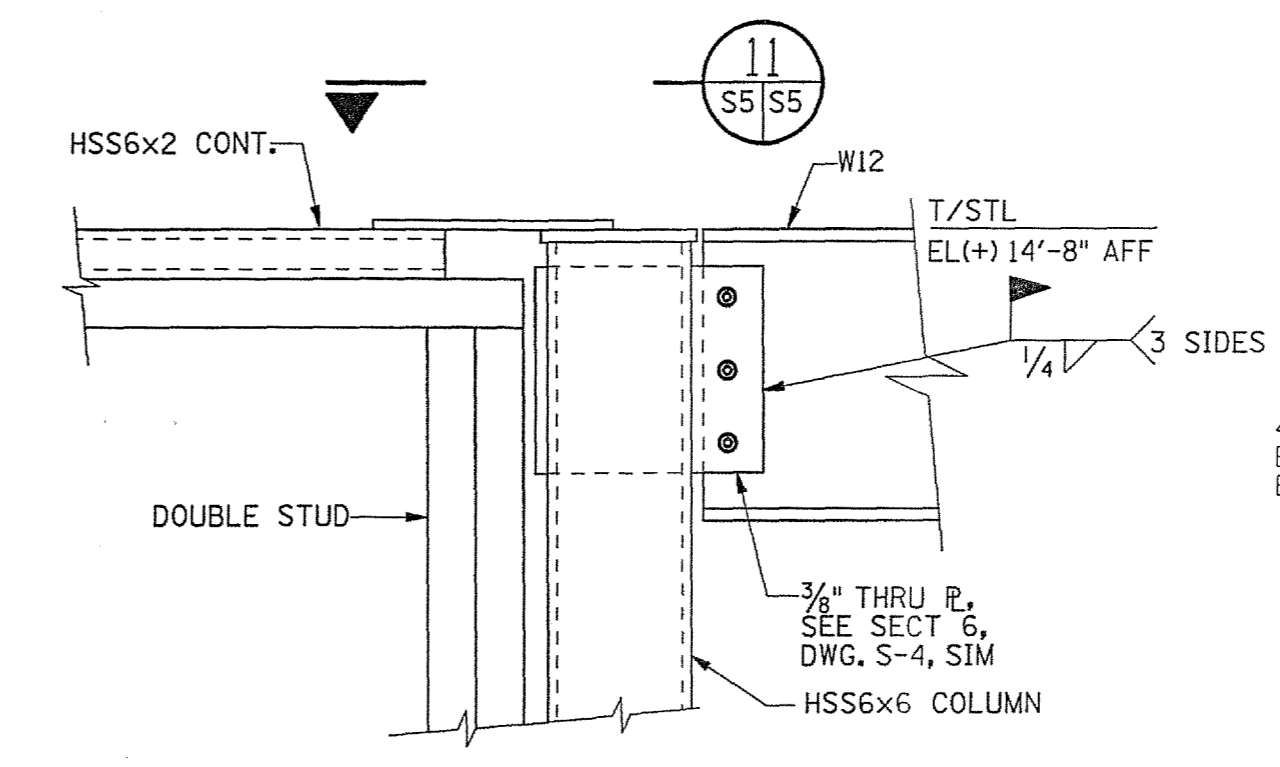
DETAIL
SCALE: 1/4"=1'-0"



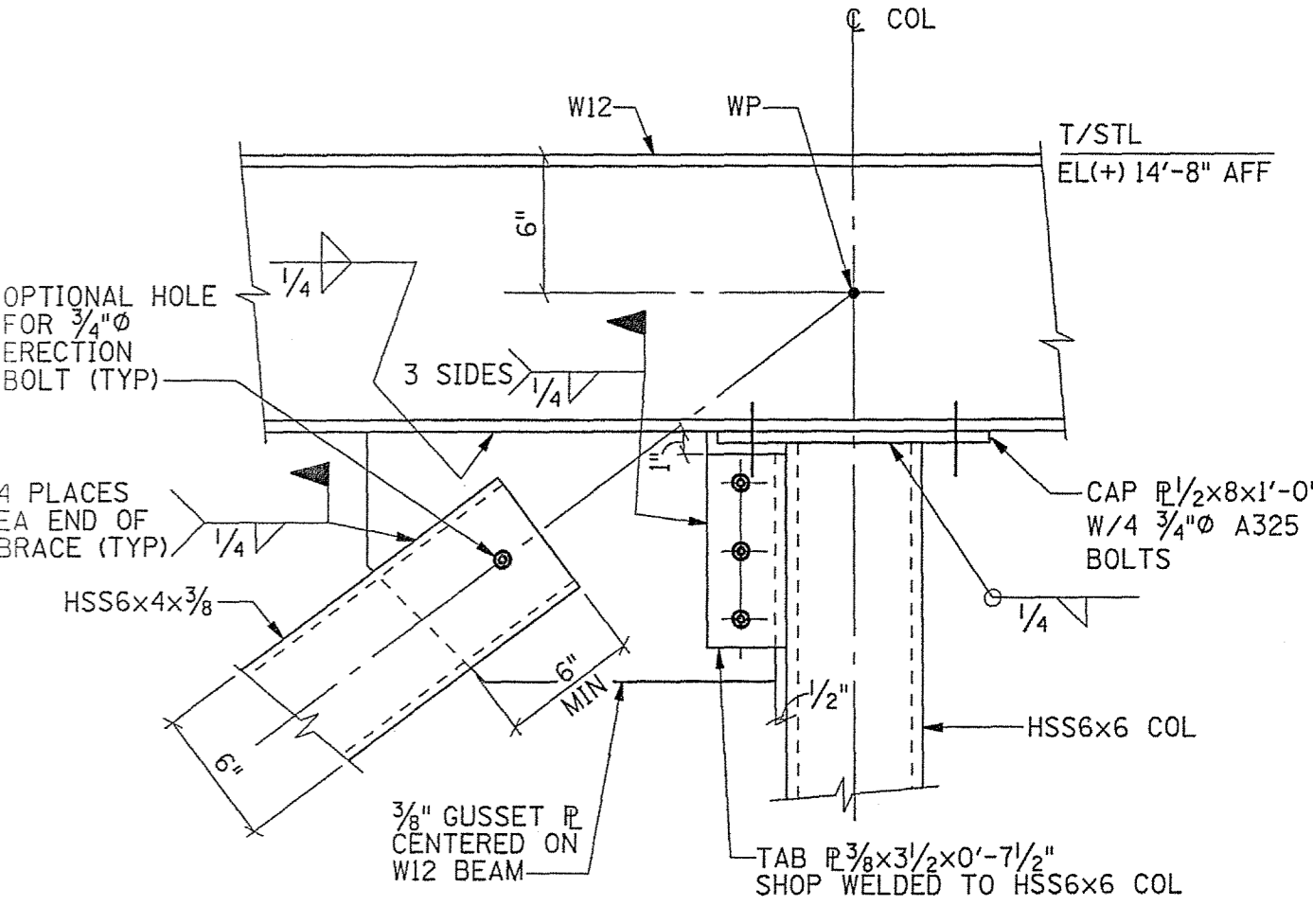
DETAIL
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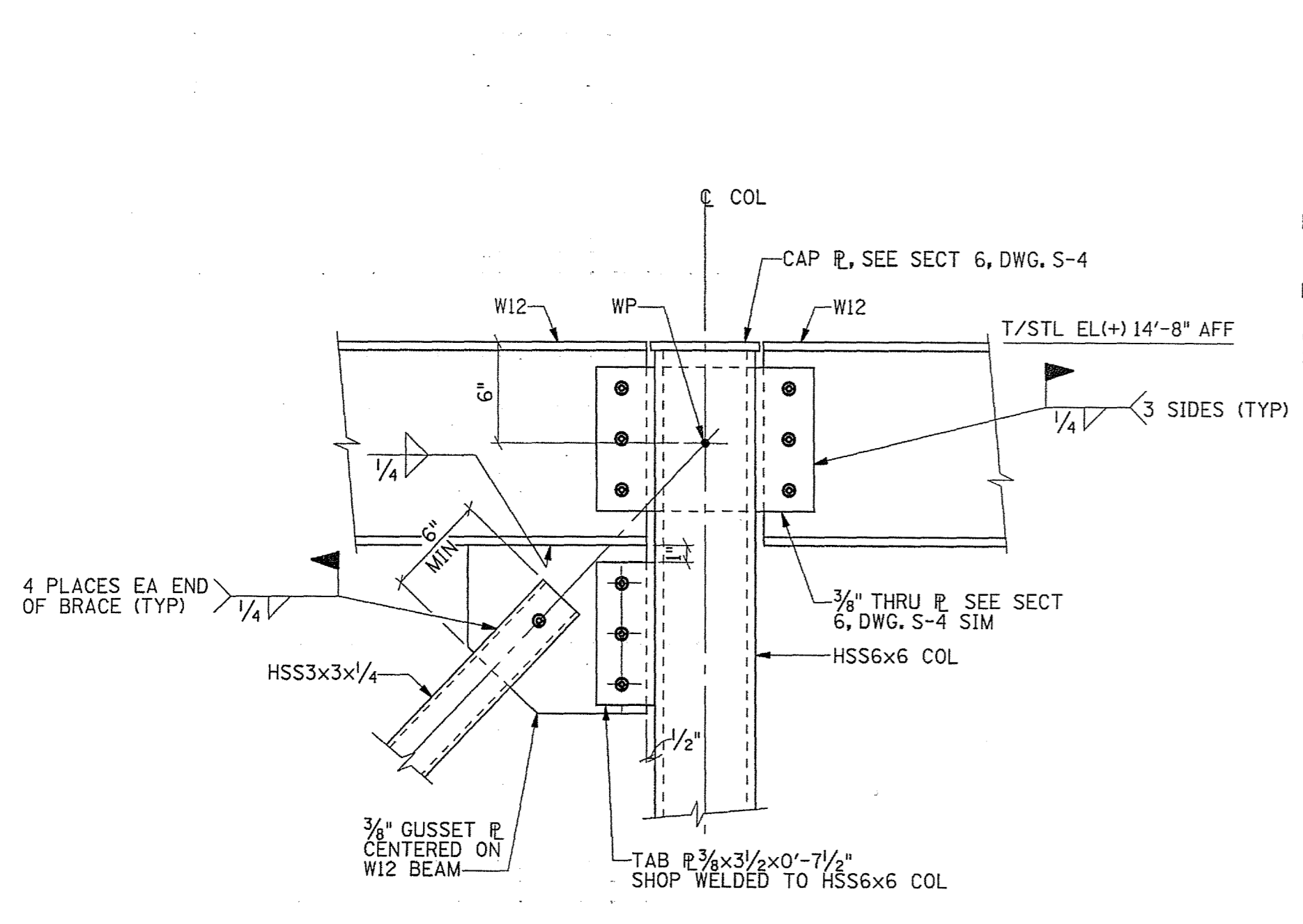
DETAIL
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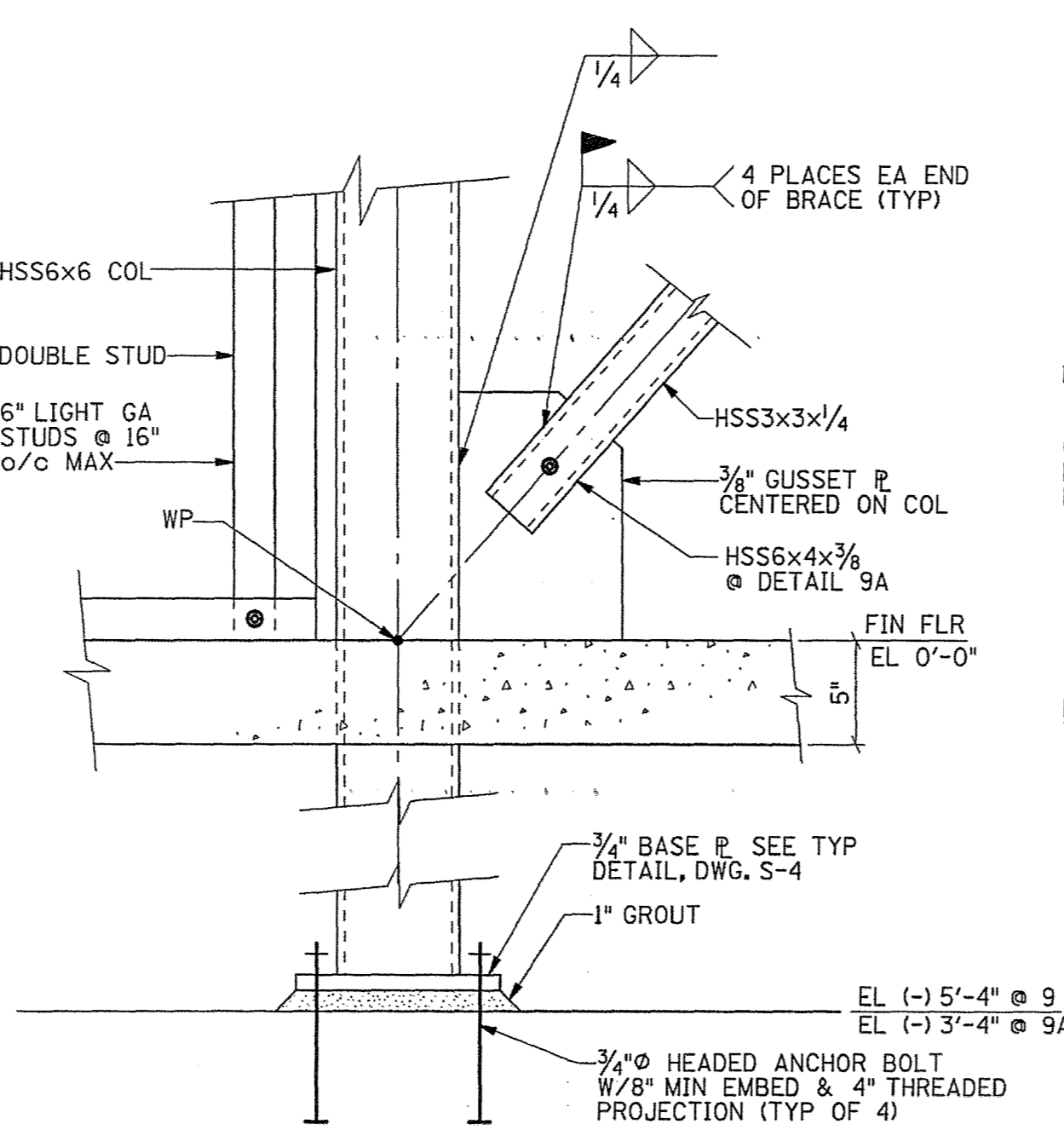
DETAIL
SCALE: 1/2"=1'-0"



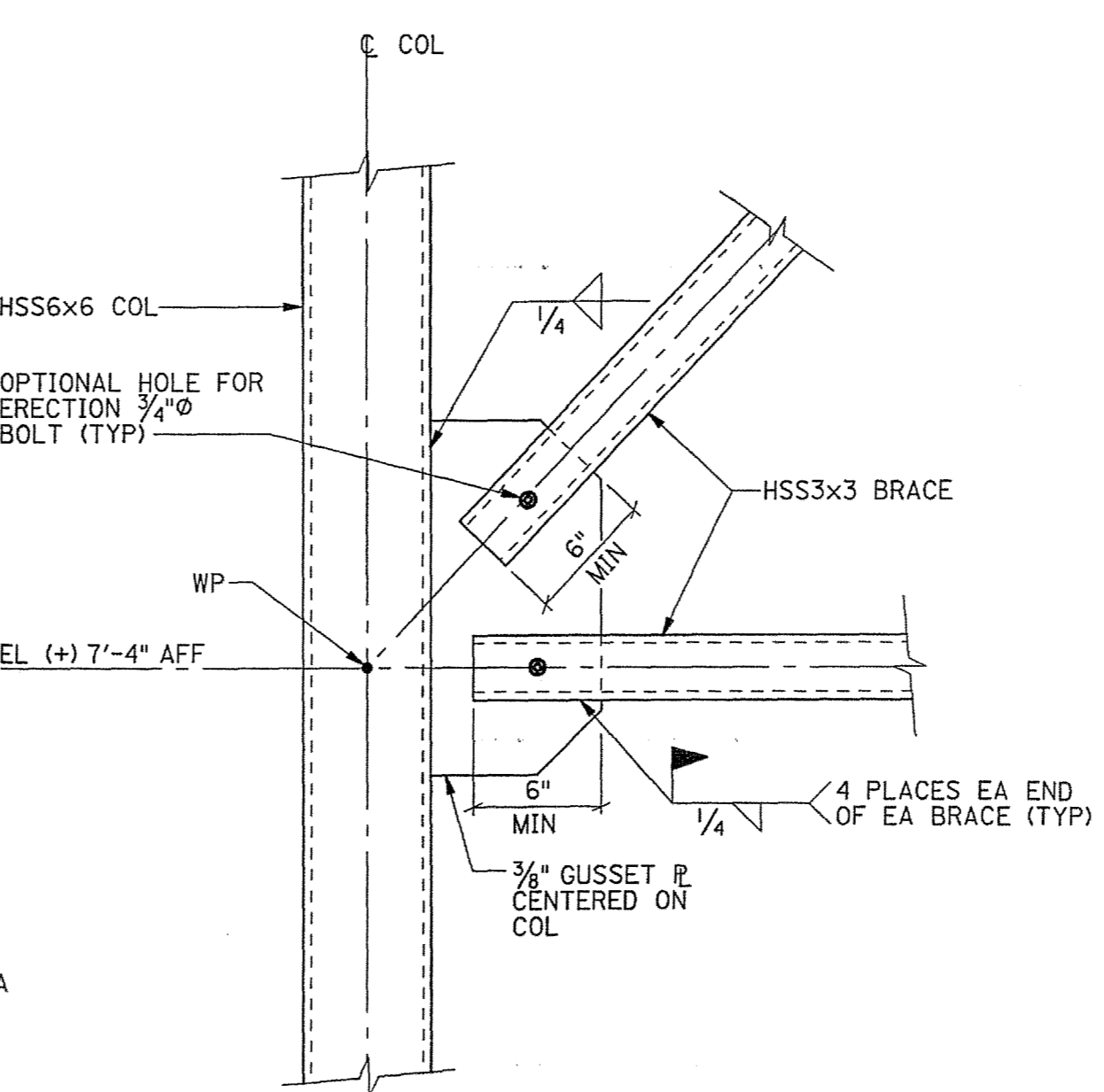
DETAIL
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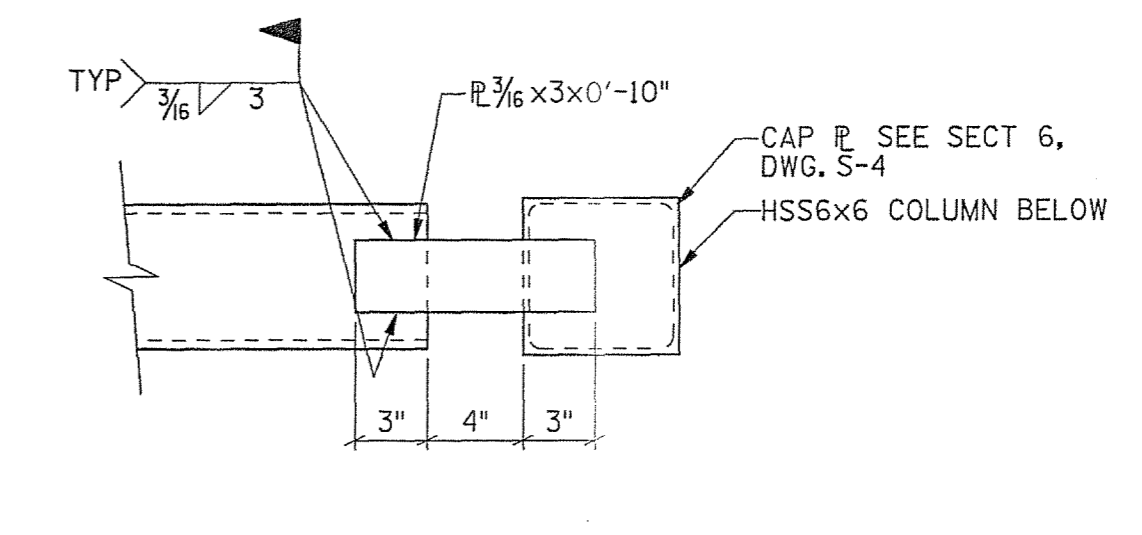
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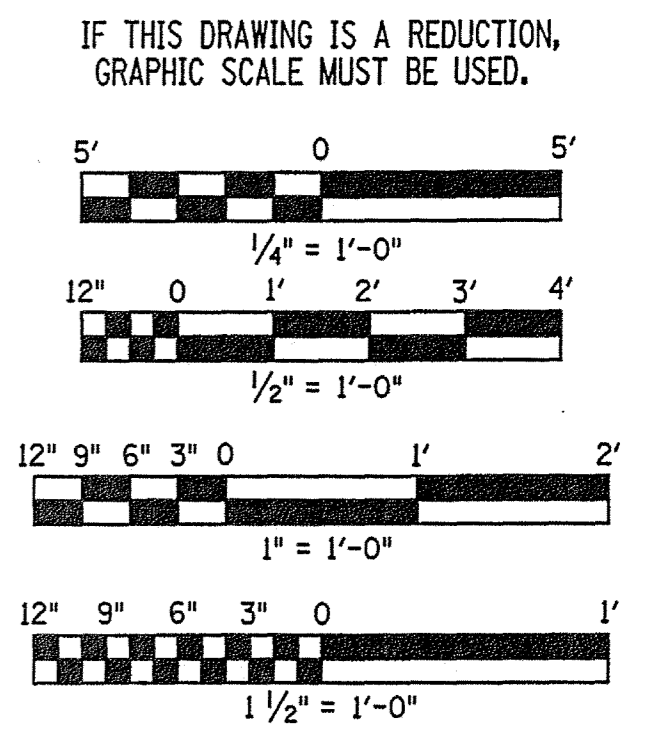
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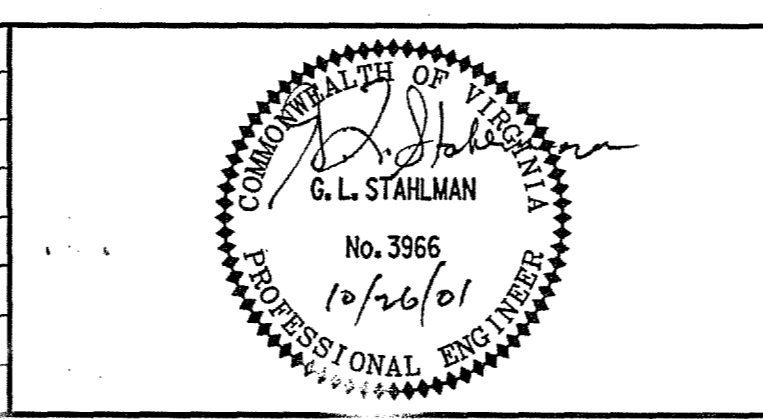
DETAIL
SCALE: 1/2"=1'-0"



DETAIL
SCALE: 1/2"=1'-0"

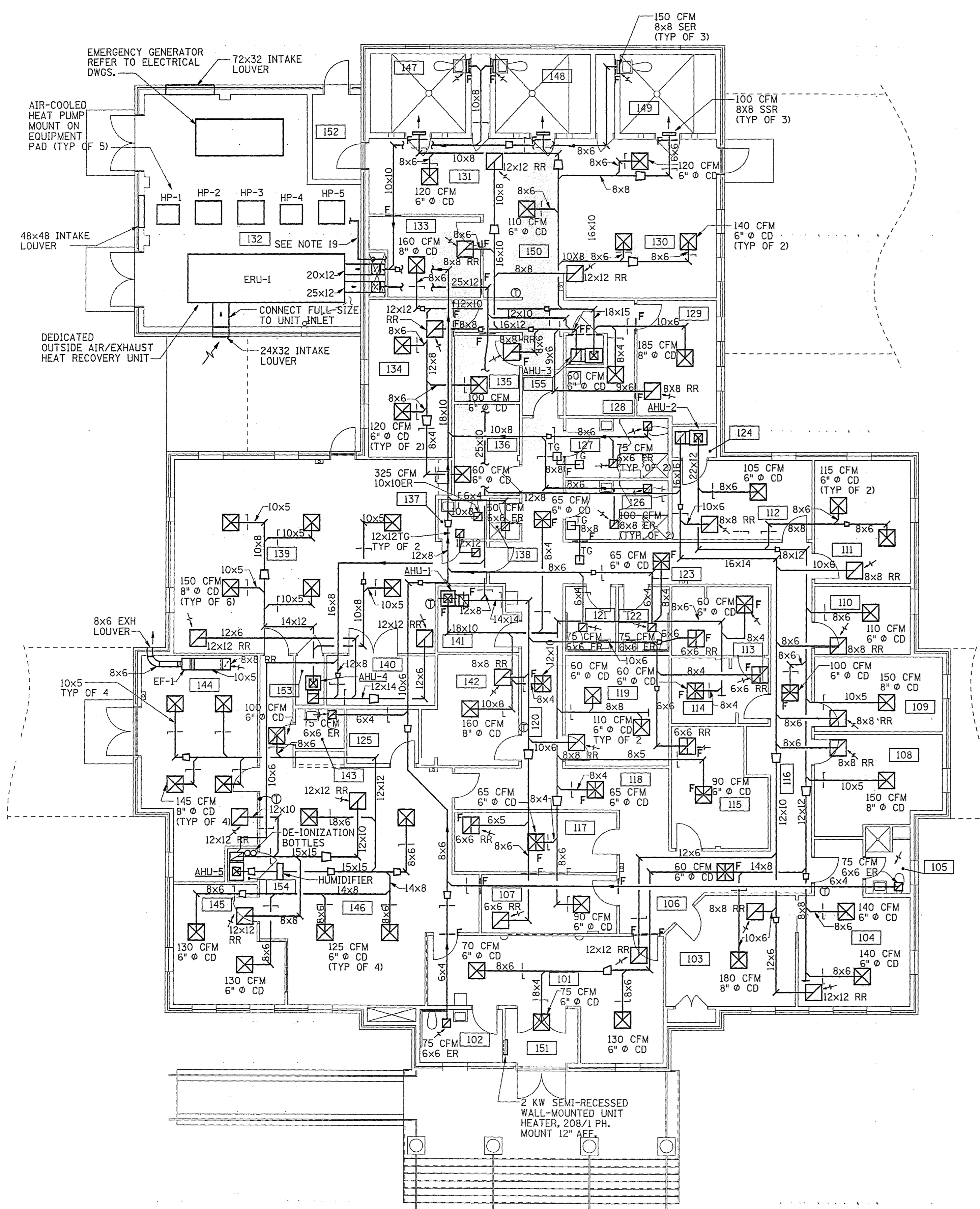


REV.	DATE	BY	APP.	DESCRIPTION

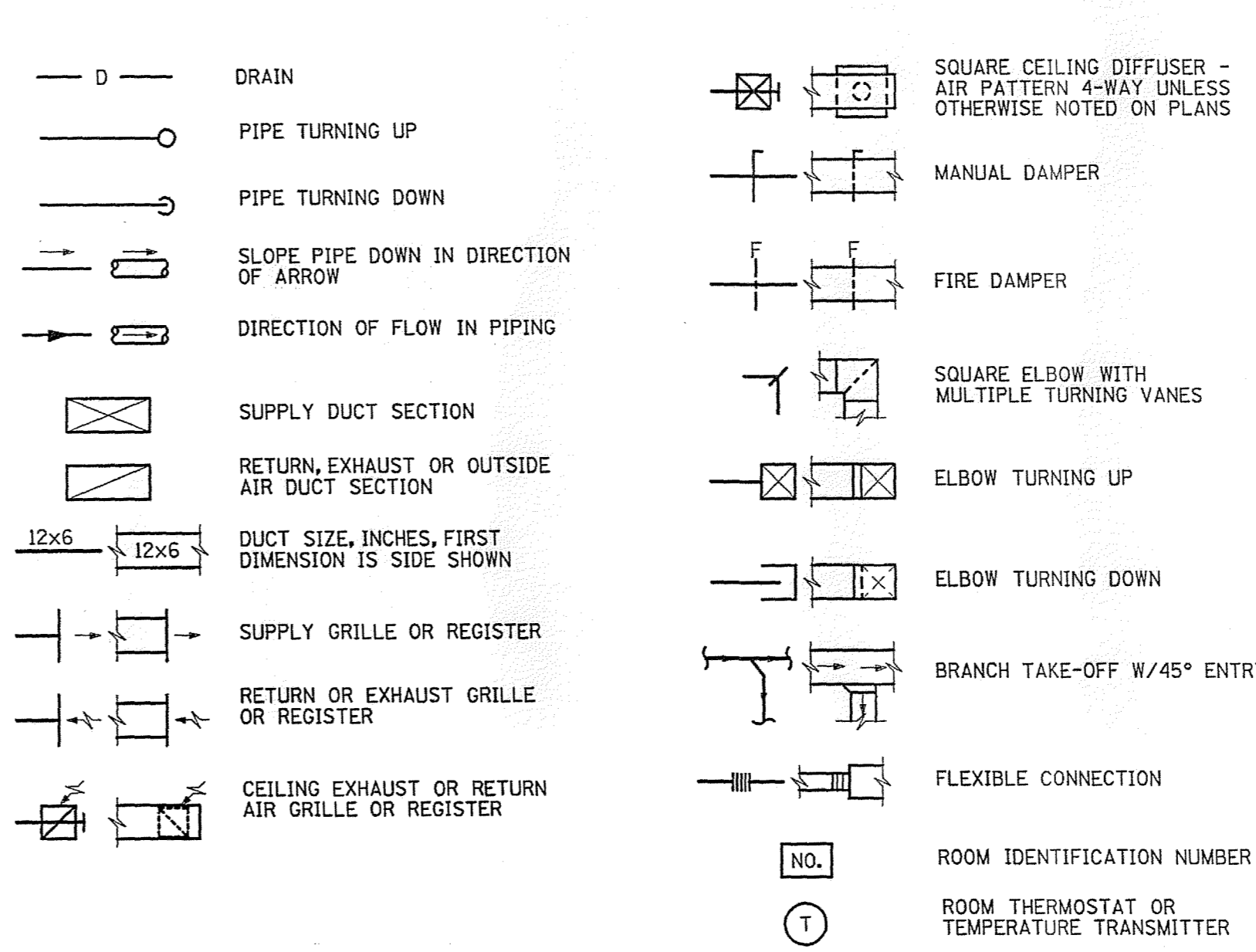


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24505-0877

DESIGNED HAP	DRAWN HAP	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED GLS		REFERENCE STRUCTURAL
COMM. NO. 201087.10		TITLE BRACING SECTION & DETAILS
CADD NO. 201087S05		DWG. NO. S-5
DATE 10/26/01		SHEET NO. 33 OF 48



HEATING, VENTILATING AND AIR CONDITIONING LEGEND



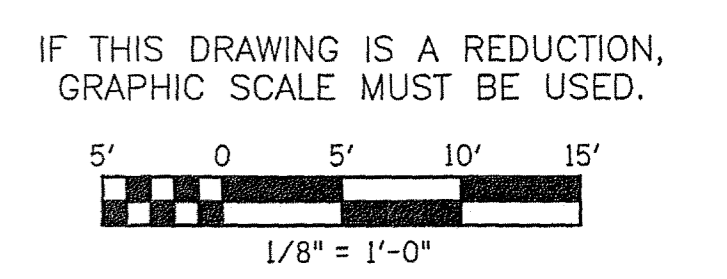
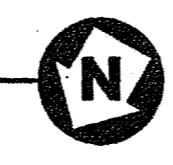
ABBREVIATIONS

- ABV ABOVE
- AFB ABOVE FINISHED FLOOR
- AHU AIR HANDLING UNIT
- ARCH ARCHITECTURAL
- BLDG BUILDING
- CD CEILING DIFFUSER
- CFM CUBIC FEET PER MINUTE
- CONC CONCRETE
- Ø DIAMETER
- DN DOWN
- DWG DRAWING
- EA EACH
- ELEC ELECTRICAL
- ER EXHAUST REGISTER
- MFR MANUFACTURER
- OA OUTSIDE AIR
- REQ'D REQUIRED
- SSR SECURITY SUPPLY REGISTER
- TYP TYPICAL

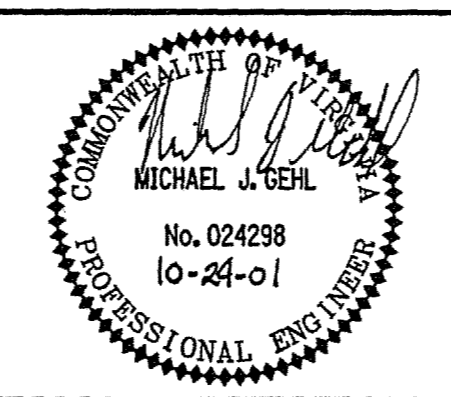
GENERAL NOTES - HVAC

1. COORDINATE MECHANICAL EQUIPMENT AND MATERIAL LOCATIONS WITH ELECTRICAL, PLUMBING, FIRE PROTECTION, STRUCTURAL, CIVIL AND ARCHITECTURAL PLANS TO AVOID CONFLICTS.
2. ALL WORK ON THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
3. CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS AND ARRANGE FOR INSPECTIONS BY LOCAL AUTHORITIES HAVING JURISDICTION.
4. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL LOUVERS, VENTS, DUCTS, ETC. THAT PENETRATE EXTERIOR WALLS.
5. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF WORK WITH THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO AVOID MINOR CONFLICTS. WHEN MAJOR CONFLICTS ARE APPARENT, THE ARCHITECT SHALL BE ADVISED IMMEDIATELY, AND AFFECTED WORK SHALL NOT BE INSTALLED UNTIL THE CONFLICT HAS BEEN RESOLVED.
6. ALL NECESSARY ALLOWANCES AND PROVISIONS SHALL BE MADE BY THIS CONTRACTOR FOR BEAMS, COLUMNS OR OTHER OBSTRUCTIONS OF THE BUILDING OR THE WORK OF OTHER CONTRACTORS. WHETHER OR NOT SAME IS INDICATED, WHERE NECESSARY TO AVOID OBSTRUCTIONS, THE DUCTS SHALL BE TRANSFORMED, DIVIDED, OFFSET, RAISED OR LOWERED WITH THE REQUIRED FREE AREA BEING MAINTAINED.
7. SEE REFLECTED CEILING PLANS FOR EXACT LOCATION OF AIR DEVICES.
8. ALL PIPING AND DUCTWORK, ETC., SHALL BE SLEEVED THROUGH WALL PENETRATIONS.
9. RUN ALL DUCTWORK AND PIPING CONCEALED ABOVE CEILING AND AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED OR INDICATED. DO NOT INSTALL DUCTWORK AND PIPING IN ATTIC SPACE.
10. PROVIDE FLEXIBLE CONNECTIONS BETWEEN HVAC UNITS AND SHEET METAL DUCTWORK.
11. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN SUCH A MANNER SO THAT ALL FILTERS, VALVES, MOTORS, ETC., ARE COMPLETELY ACCESSIBLE AND SERVICEABLE, INCLUDING ACCESS DOORS IF REQUIRED.
12. WHERE PIPING AND/OR DUCTWORK PASS THROUGH FIRE AND/OR SMOKE RATED WALLS OR CEILINGS, OPENINGS SHALL BE FIRE AND/OR SMOKE STOPPED PER THE APPROPRIATE UL DETAIL.
13. COMPLETE AND PROPER INSTALLATION OF THERMOSTATS AND ALL OTHER NECESSARY FIELD MOUNTED CONTROL COMPONENTS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MANUFACTURER OF HVAC UNITS, ETC. SHALL FURNISH COMPLETE WIRING CONTROLS. ALL CONTROL WIRING SHALL BE IN CONDUIT AND INSTALLED PER DIVISION 16 OF THE SPECIFICATIONS.
14. SLOPE CONDENSATE DRAINS AT 1/4" INCH FALL PER FOOT MINIMUM IN THE DIRECTION OF FLOW. PROVIDE DRAINAGE TYPE FITTINGS.
15. PROVIDE OPENINGS IN BUILDING CONSTRUCTION FOR PASSAGE OF PIPING AND DUCTWORK. DO NOT PENETRATE STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL OF ARCHITECT.
16. PROVIDE AIR TURNING DEVICES IN DUCTWORK AT ANY CHANGES IN DIRECTION OF 30 DEGREES OR GREATER.
17. SQUARE THROAT ELBOWS WITHOUT TURNING VANES, MITERED ELBOWS, STRAIGHT RECTANGULAR AND ROUND DUCT TAPS, AND AIR SCOOPS ARE NOT PERMITTED.
18. ROUTE REFRIGERANT PIPING FOR HEAT PUMP UNITS HP-1 THRU HP-5 TO AIR HANDLING UNITS AHU-1 THRU AHU-5 IN AS DIRECT A PATH AS POSSIBLE. SIZE PIPING PER MANUFACTURERS RECOMMENDATIONS.
19. PROVIDE HUMIDIFIER ALARM AND ON/OFF SWITCH IN ROOM 146 DISPATCH STATION. COORDINATE EXACT LOCATION WITH OWNER.

FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

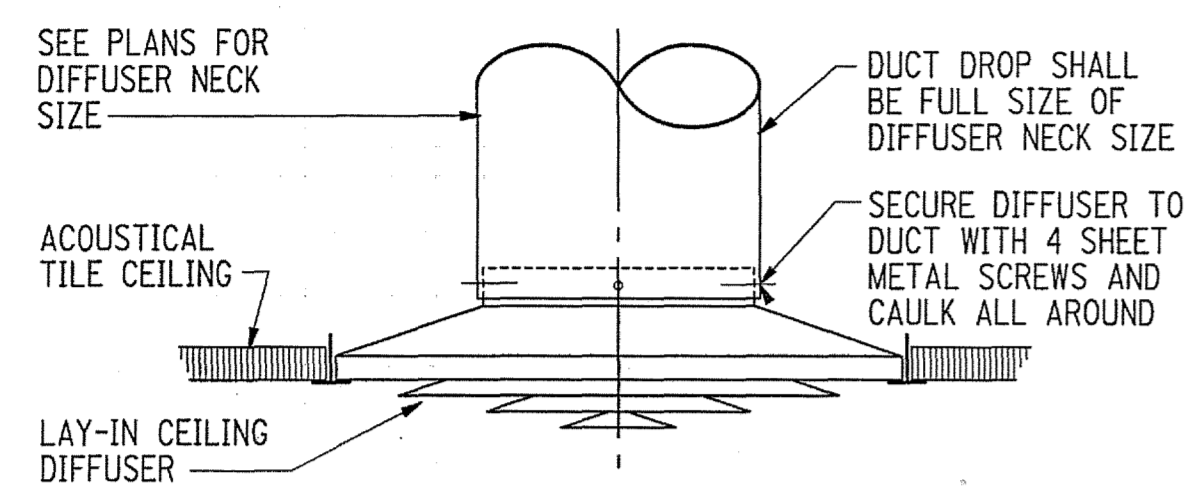


REV.	DATE	BY	APP.	DESCRIPTION

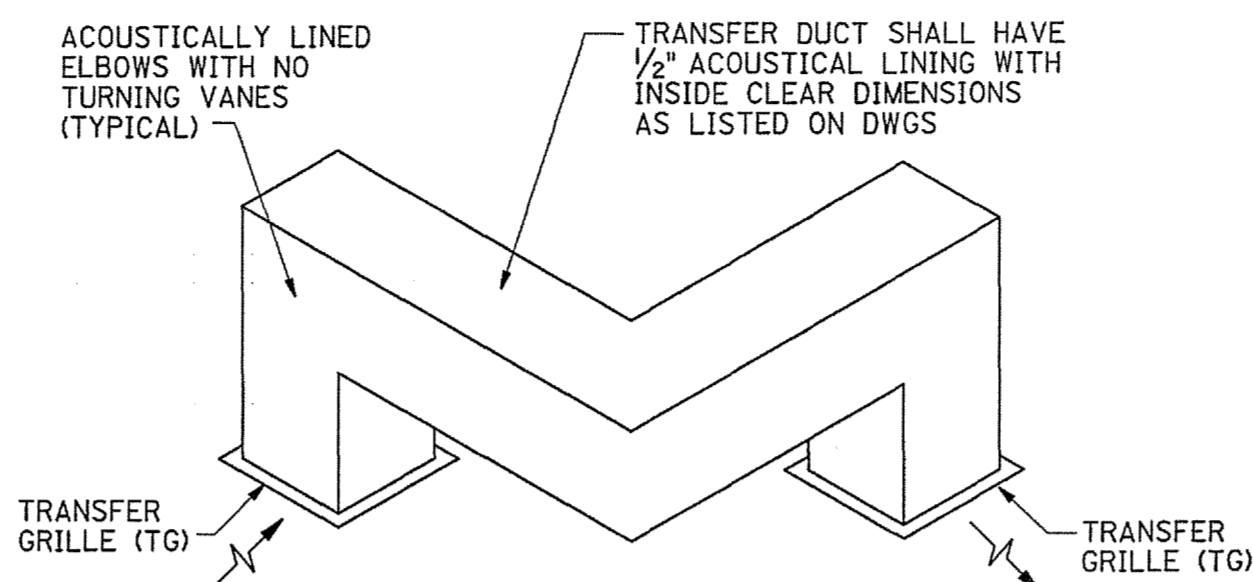


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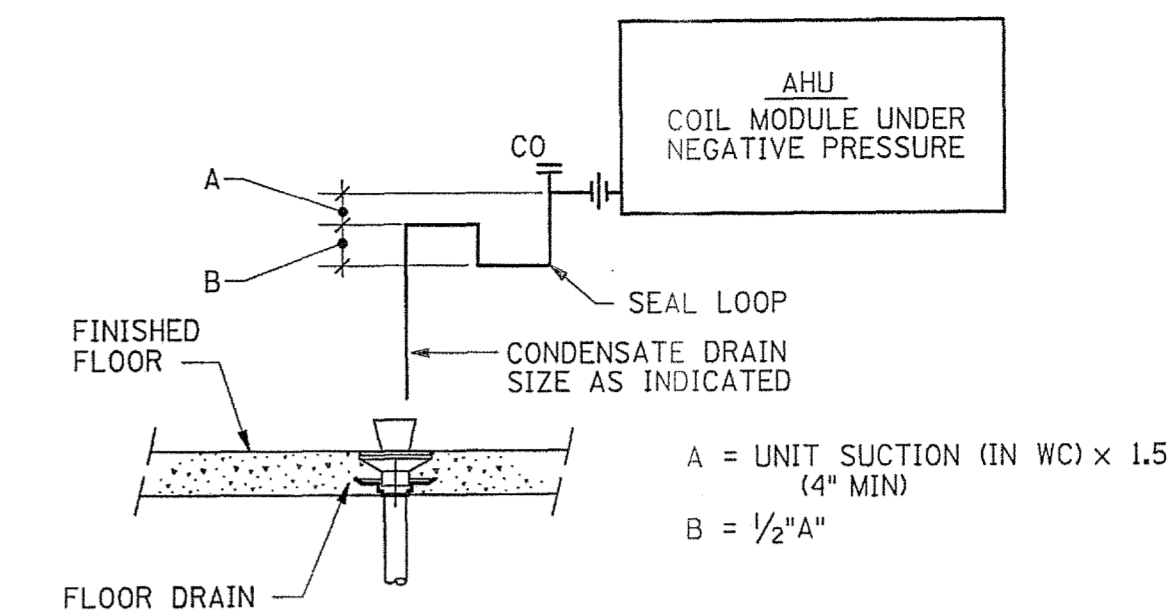
DESIGNED	DRAWN	PROJECT
DAN	DAN	FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED	MJG	REFERENCE
COMM. NO.	201087.10	HVAC
CADD NO.	201087M01	TITLE
DATE	10/26/01	FLOOR PLAN - HVAC
DWG. NO.	M-1	SHEET NO.
		34 OF 48
		REV. 0



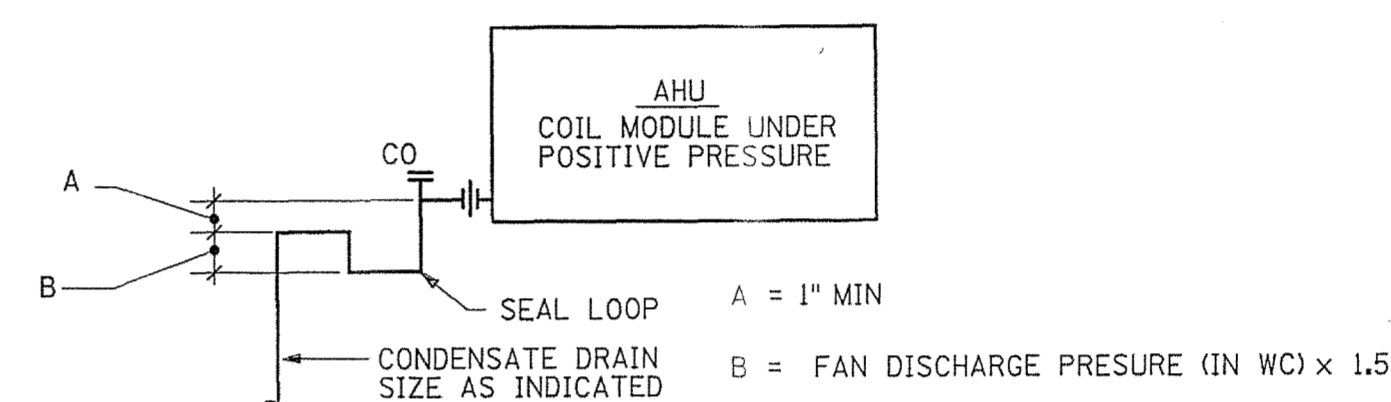
DETAIL - CEILING DIFFUSER
NOT TO SCALE



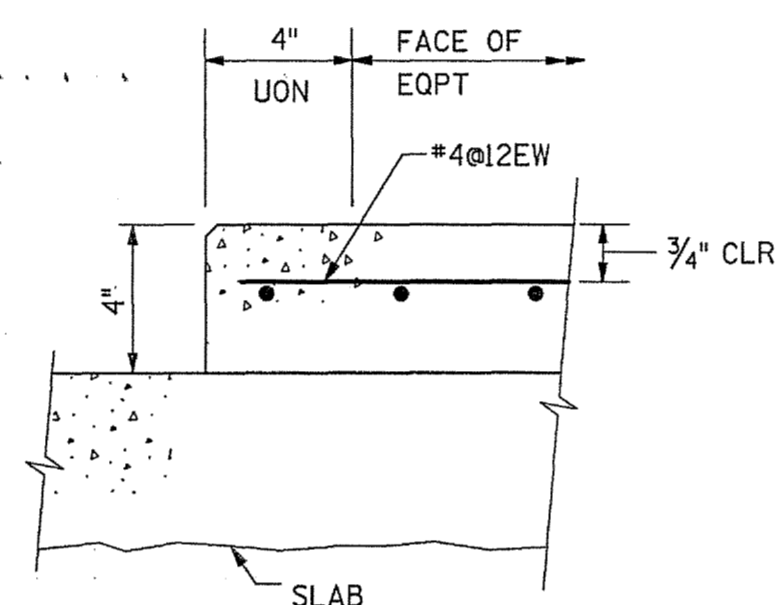
DETAIL - TRANSFER DUCT
NO SCALE



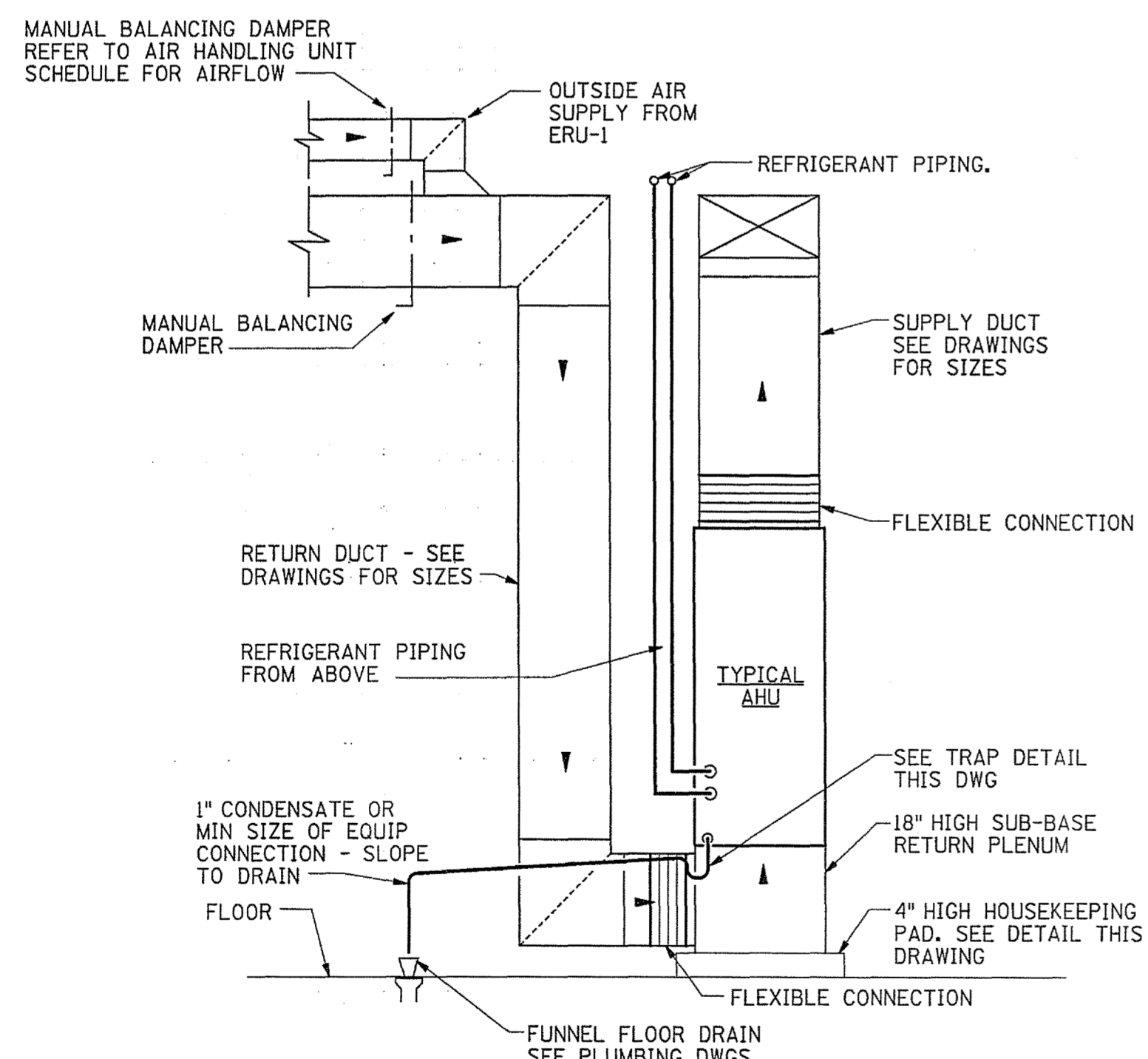
AHU CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE (FOR NEGATIVE PRESSURE COIL MODULE)



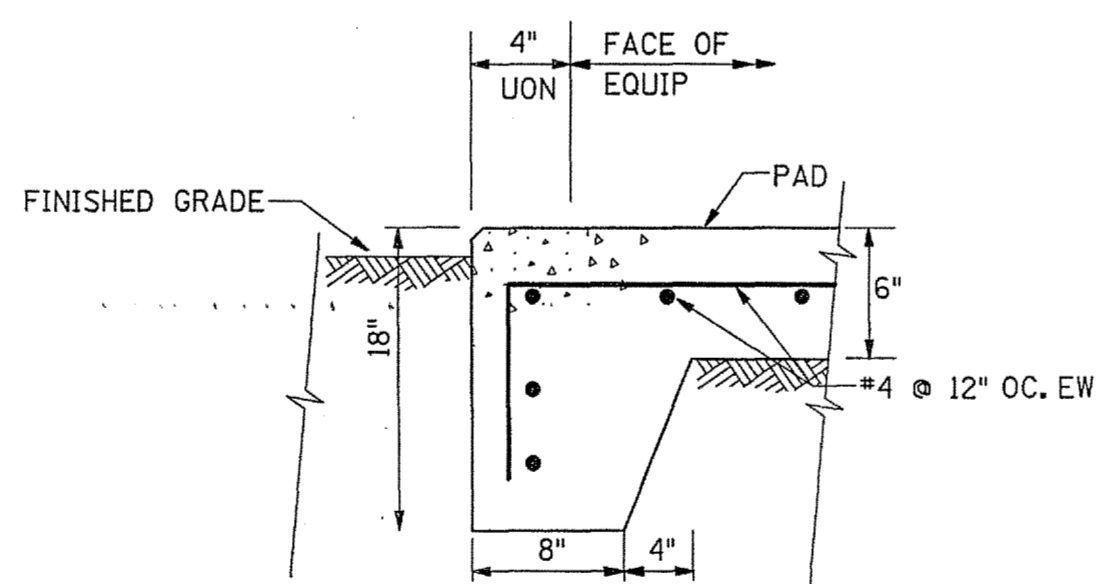
AHU CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE (FOR POSITIVE PRESSURE COIL MODULE)



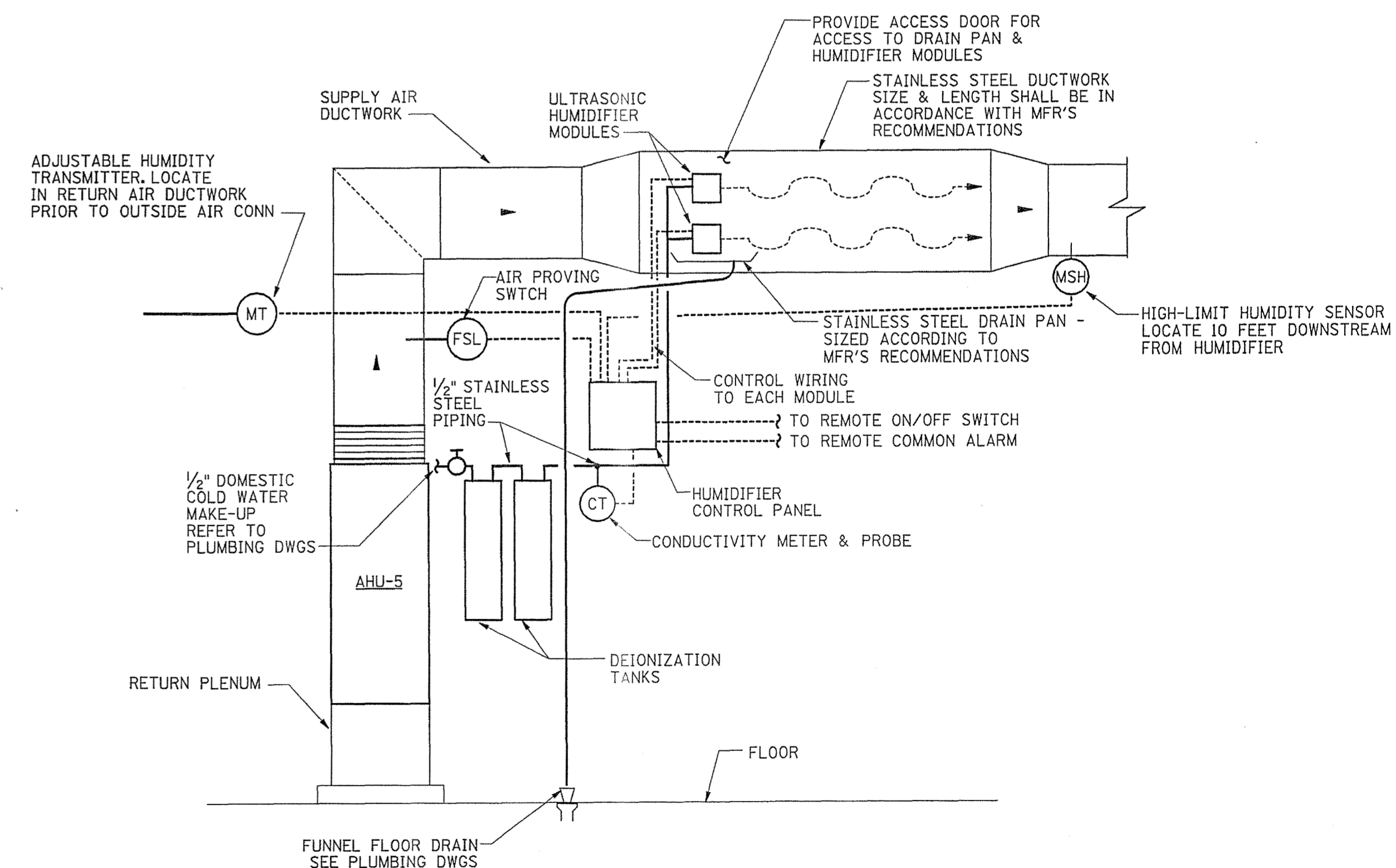
TYPICAL AHU HOUSE KEEPING PAD DETAIL
NO SCALE



TYPICAL AHU DETAIL
NO SCALE

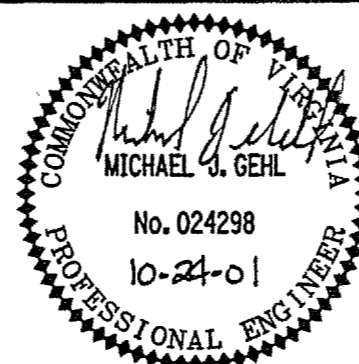


NOTE: TOP OF PAD SHALL BE APPROXIMATELY 2" ABOVE FINISHED GRADE.
HOUSE KEEPING PAD DETAIL FOR ERU-1
NO SCALE



HUMIDIFIER DETAIL
NO SCALE

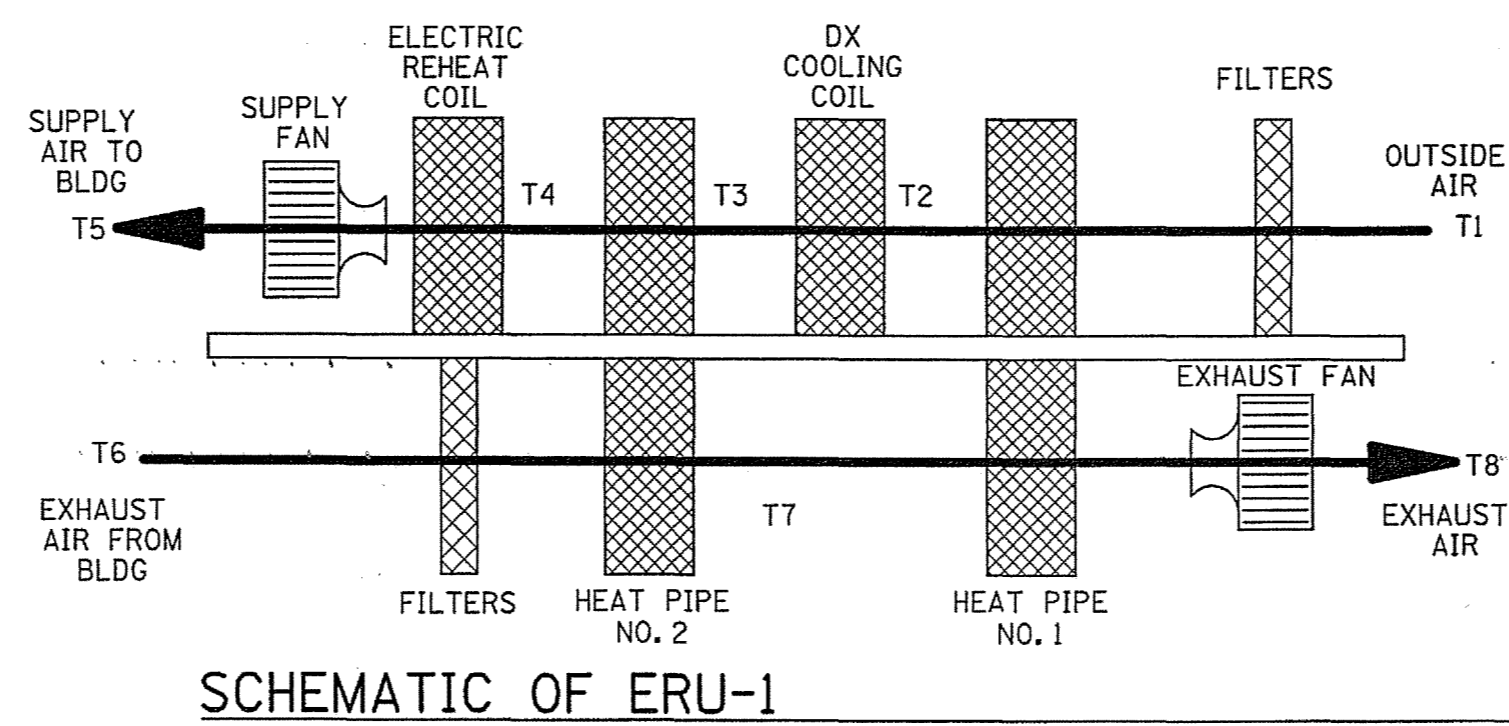
REV.	DATE	BY	APP.	DESCRIPTION



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24505-0877

DESIGNED DAN	DRAWN DAN	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED MJG		REFERENCE MECHANICAL
COMM. NO. 201087.10		TITLE DETAILS - HVAC
CADD NO. 201087M02		DWG. NO. M-2
DATE 10/26/01		SHEET NO. 35 OF 48
		REV. 0

ROOFTOP ENERGY RECOVERY UNIT SCHEDULE	
DESIGNATION	ERU-1
MANUFACTURER	ENGINEERED AIR
TYPE UNIT	HEAT PIPE ENERGY RECOVERY UNIT
ELECTRIC HEATING COIL	15 KW @ 208 VOLTS/3 PH
TOTAL SUPPLY AIR FLOW, CFM	2,100
SUPPLY FAN EXTERNAL STATIC PRESS., IN. H2O	0.5
SUPPLY FAN, HP	3
APPROXIMATE SUPPLY FAN, RPM	2,496
TOTAL EXHAUST AIR FLOW, CFM	1,500
EXHAUST FAN EXTERNAL STATIC PRESS., IN. H2O	0.5
EXHAUST FAN, HP	1.5
APPROXIMATE EXHAUST FAN, RPM	1,670
COOLING COIL CAPACITY, TOTAL MBH (T2-T3)	134
PRECOOL BY EXCHANGER, TOTAL MBH (T1-T2)	37
COMPRESSOR POWER CONSUMPTION, KW	(2) @ 6.7 KW EA
SUMMER OUTSIDE AIR DESIGN, F - DB/WB (T1)	95.0/78.0
ENTERING COIL, F - DB/WB (T2)	78.6/73.6
LEAVING COIL, F - DB (T3)	54.8/54.7
SUPPLY, F - DB/WB (T4)	64.8/57.7
SUMMER EXHAUST AIR DESIGN, F - DB/2RH (T6)	75.0/50
EXHAUST OUTLET, F - DB (T8)	84.7
HEATING - UNIT HEATING CAPACITY, TOTAL MBH (T1-T5)	
WINTER OUTSIDE AIR DESIGN, F - DB (T1)	15.0
AUXILIARY HEAT ENTERING, F - DB (T4)	54
LEAVING AIR, F - DB/WB (T5)	70
WINTER EXHAUST AIR DESIGN, F - DB (T6)	70
EXHAUST OUTLET, F - DB (T8)	32.5
TYPE FILTERS	THROWAWAY
PERCENT EFFICIENCY	30%
PRESSURE DROP - IN. H2O (CLEAN)	0.3
PRESSURE DROP - IN. H2O (DIRTY)	1.0
ELECTRICAL - VOLTAGE/PHASE	SEE ELECTRICAL
REMARKS:	REFER TO DWGS FOR INLET & OUTLET ARRANGEMENTS



FAN SCHEDULE	
DESIGNATION	EF-1
AREA SERVED	ES11 EQUIP RM
FAN TYPE	CENTRIFUGAL INLINE
CAPACITY - CFM	150
STATIC PRESSURE - IN. H2O	0.5
FAN SPEED - RPM	1200
DRIVE	DIRECT
MOTOR WATTS	171

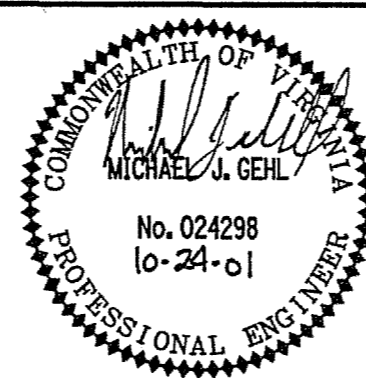
HUMIDIFIER SCHEDULE	
AIR HANDLING UNIT	AHU-5
AREA SERVED	AHU-5 ZONE
TYPE	ULTRASONIC
MANUFACTURER	HUMIDIFIRST
MODEL	DT-20
MINIMUM CAPACITY - LBS/HR	15
ELECTRICAL	115 VOLTS / 1 PHASE
REMARKS	PROVIDE WITH DEIONIZATION BOTTLES FOR WATER TREATMENT

AIR DISTRIBUTION DEVICE SCHEDULE						
DESIGNATION	CD	TG	RR	ER	SSR	SER
MANUFACTURER	ANEMOSTAT	ANEMOSTAT	ANEMOSTAT	ANEMOSTAT	ANEMOSTAT	ANEMOSTAT
MODEL NUMBER	EPL-D	GC5	GC50L	GC50	S2-MS	AMSG
DEVICE	CEILING DIFFUSER	GRID CORE RETURN	GRID CORE RETURN	GRID CORE EXHAUST	SECURITY SIDEWALL SUPPLY	SECURITY SIDEWALL EXHAUST
TYPE	24" x 24" LAY-IN SQ LOUVER FACE	GRID CORE SURFACE MOUNTED	GRID CORE 24" x 24" LAY-IN PANEL	GRID CORE SURFACE MOUNTED	DOUBLE DEFLECTION LATTICE FACE PLATE SURFACE MOUNTED	HEAVY DUTY STEEL WIRE MESH FACE SURFACE MOUNTED
NECK	ROUND	SQUARE	SQUARE	SQUARE	SQUARE/RECTANGULAR	SQUARE/RECTANGULAR
CONSTRUCTION	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	STEEL	STEEL
REMARKS:	OPPOSED BLADE DAMPER & DIRECTIONAL TABS	1/2" x 1/2" x 1/2" GRID 8x8 NECK SIZE	1/2" x 1/2" x 1/2" GRID OPPOSED BLADE DAMPER	1/2" x 1/2" x 1/2" GRID OPPOSED BLADE DAMPER	OPPOSED BLADE DAMPER	OPPOSED BLADE DAMPER

AIR HANDLING UNIT SCHEDULE					
DESIGNATION	AHU-1	AHU-2	AHU-3	AHU-4	AHU-5
MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE
MODEL NUMBER	TWE036P13	TWE036P13	TWE036P13	TWE036P13	TWE048P13
UNIT TYPE & ARRANGEMENT	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL
FAN CAPACITY - CFM	1000	1640	1735	900	1440
EXTERNAL STATIC PRESSURE - IN. H2O	0.6	0.6	0.6	0.5	0.6
HEATING LOAD - MBH	1.6	14.8	14.0	5.9	8.1
AUXILIARY HEAT - KW	3	5	5	3	3
LOAD - MBH	18.5	31.8	34.8	21.8	28.6
SENSIBLE LOAD - MBH	15.9	30.0	31.9	16.7	27.6
AIR TEMPERATURE IN - DEG F DB/WB	75/62	75/62	75/62	75/62	75/62
CAPACITY CONTROL	TXV	TXV	TXV	TXV	TXV
HORSEPOWER	1/3	3/4	3/4	1/3	1/2
VOLTAGE/PHASE	SEE ELEC	SEE ELEC	SEE ELEC	SEE ELEC	SEE ELEC
DRIVE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
MATCHING CONDENSING UNIT	HP-1	HP-2	HP-3	HP-4	HP-5
TYPE FILTERS	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
PERCENT EFFICIENCY	30%	30%	30%	30%	30%
PRESSURE DROP - IN. H2O (CLEAN)	.07	.07	.07	.07	.07
PRESSURE DROP - IN. H2O (DIRTY)	.30	.30	.30	.30	.30
OUTDOOR AIR - CFM	430	415	580	450	225
FILTER-MIX BOX	1	1	1	1	1
COOLING COIL SECTION	2	2	2	2	2
FAN SECTION	3	3	3	3	3
ELECTRIC HEATING COIL SECTION	4	4	4	4	4
REMARKS:	FACTORY INSTALLED DISCONNECT, SINGLE POINT ELECTRICAL CONNECTION	FACTORY INSTALLED DISCONNECT, SINGLE POINT ELECTRICAL CONNECTION	FACTORY INSTALLED DISCONNECT, SINGLE POINT ELECTRICAL CONNECTION	FACTORY INSTALLED DISCONNECT, SINGLE POINT ELECTRICAL CONNECTION	FACTORY INSTALLED DISCONNECT, SINGLE POINT ELECTRICAL CONNECTION

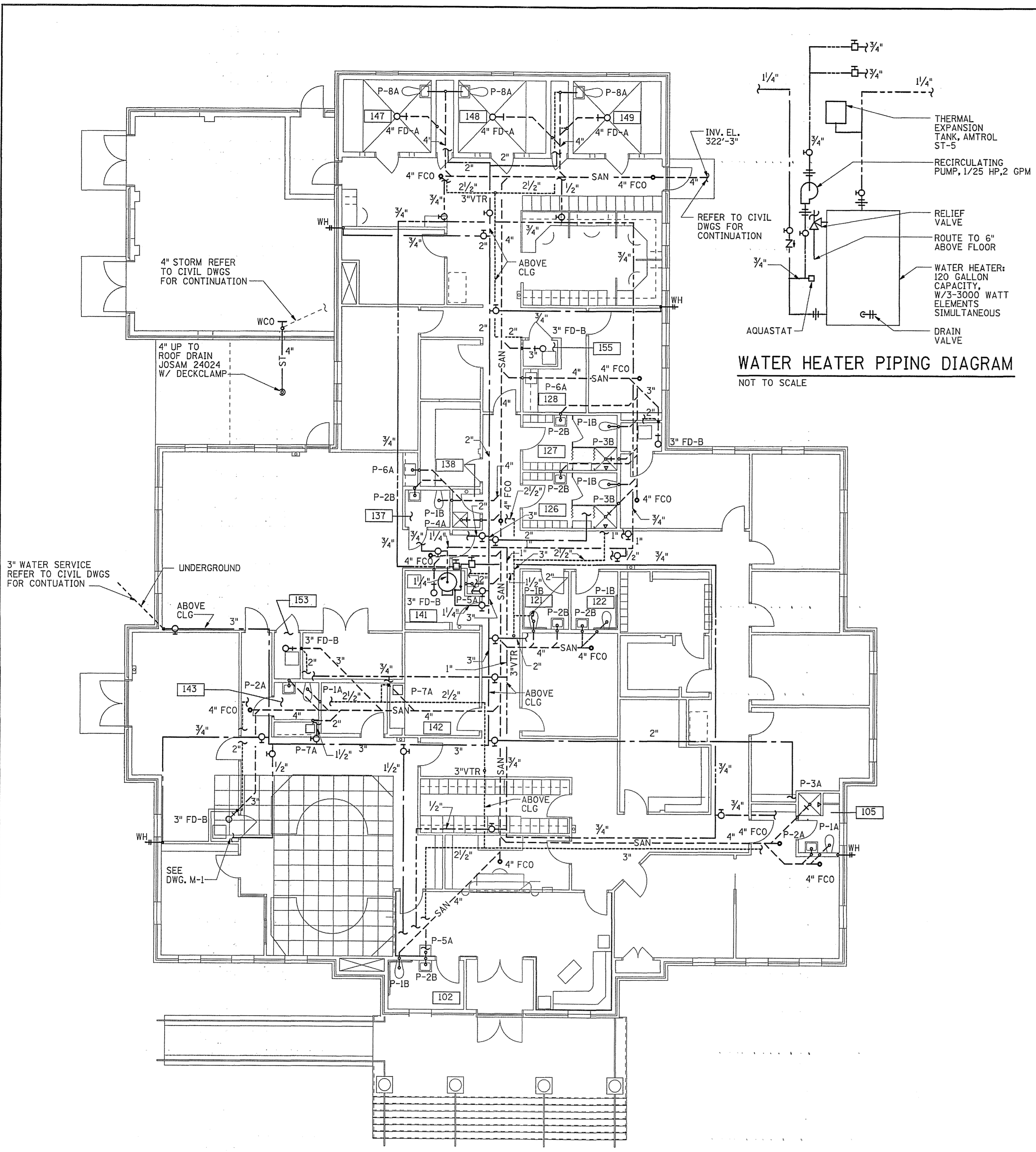
SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE					
DESIGNATION	HP-1	HP-2	HP-3	HP-4	HP-5
MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE
MODEL NUMBER	TWP024C100A	TWP036C300A	TWP036C300A	TWP024C100A	TWP036C300A
NO. COMPRESSORS	1	1	1	1	1
OPERATING VOLTAGE/PHASE	SEE ELEC	SEE ELEC	SEE ELEC	SEE ELEC	SEE ELEC
REFRIGERANT	R-22	R-22	R-22	R-22	R-22
MATCHING INDOOR UNIT	AHU-1	AHU-2	AHU-3	AHU-4	AHU-5
REMARKS:					

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2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED DAN	DRAWN DAN	PROJECT	FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED MJC		REFERENCE	MECHANICAL
COMM. NO. 201087.10		TITLE	SCHEDULES - HVAC
CADD NO. 201087M02		DWG. NO.	M-3
DATE 10/26/01		SHEET NO.	36 OF 48
		REV.	0



WATER HEATER PIPING DIAGRAM
NOT TO SCALE

3" WATER SERVICE REFER TO CIVIL DWGS FOR CONTINUATION

FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

FIXTURE SCHEDULE AND SPECIFICATIONS											
DESIG.	FIXTURE	MATERIAL	SIZE	FLUSH VALVE	SUPPLY FTGS. & STOPS	TRAP	SUPPORT	REMARKS & ACCESSORIES	CONNECTION SIZES		
									WASTE	HOT	COLD
P-1A	WATER CLOSET	VITREOUS CHINA	ELONGATED	SLOAN ROYAL 1.6 GAL MAX	1 1/2" TOP SPUD ANGLE STOP VACUUM BREAKER	INTEGRAL	FLOOR MOUNTED	-	4"	-	1"
P-1B	WATER CLOSET	ADA	ELONGATED	SLOAN ROYAL 1.6 GAL MAX	1 1/2" TOP SPUD ANGLE STOP VACUUM BREAKER	INTEGRAL	FLOOR MOUNTED	-	4"	-	1"
P-2A	LAVATORY	VITREOUS CHINA	19" X 17"	-	ANGLE STOPS	1 1/2" X 1 1/2"	WALL MOUNTED	-	1 1/2"	1/2"	1/2"
P-2B	LAVATORY	ADA	20" X 18"	-	ANGLE STOPS	1 1/2" X 1 1/2"	WALL MOUNTED	-	1 1/2"	1/2"	1/2"
P-3A	SHOWER	CHROME	2.5 GPM	-	BALL VALVES	2"	WALL MOUNTED	MEN'S HEAD AT 72" AFF WOMEN'S HEAD AT 65" AFF	2"	1/2"	1/2"
P-3B	SHOWER	ADA	2.5 GPM	-	BALL VALVES	2"	WALL MOUNTED	-	2"	1/2"	1/2"
P-4A	SERVICE SINK	MOLDED-STONE	24" X 24"	-	CHICAGO 305-VB-R-RCF	3"	FLOOR MOUNTED	-	3"	1/2"	1/2"
P-5A	EWC ADA	STAINLESS STEEL WITH VINYL CAB.	18 1/2" X 17 1/2"	-	BALL VALVE	1 1/4" X 1 1/2"	WALL MOUNTED	7.5 GPH	1 1/2"	-	1/2"
P-6A	WORK SINK	STAINLESS STEEL	19" X 18"	-	BALL VALVES	1 1/2" X 1 1/2"	FLOOR MOUNTED	-	1 1/2"	1/2"	1/2"
P-7A	KITCHENETTE	-	-	-	BALL VALVES	1 1/4" X 1 1/2"	FLOOR MOUNTED	-	1 1/2"	1/2"	1/2"
P-8A	CELL FIXTURE	STAINLESS STEEL	-	-	BALL VALVES	INTEGRAL	FLOOR/WALL MOUNTED	-	4", 1 1/2"	1/2"	1", 1/2"

PIPING LEGEND & ABBREVIATIONS

- DOMESTIC HOT WATER RETURN (HWR)
- SAN-- SANITARY SOIL & WASTE (BELOW FLOOR), W
- SANITARY SOIL & WASTE (ABOVE FLOOR), W
- SANITARY VENT, V
- DOMESTIC COLD WATER (CW)
- DOMESTIC HOT WATER (HW)
- BALL VALVE
- PIPE TURNING UP
- PIPE TURNING DOWN
- FLOOR CLEANOUT (F=FLOOR, W=WALL)
- PDI PLUMBING DRAINAGE INSTITUTE
- CLG CEILING
- SHOCK ABSORBER, SIZE
- WH WALL HYDRANT
- VTR VENT THRU ROOF
- CV CHECK VALVE
- PI PIPE UNION
- BS BALL TYPE COMBINATION SHUT-OFF BALANCING VALVE
- ST STORM WATER
- FD-FLOOR DRAIN WITH TRAP
- ADA AMERICAN DISABILITIES ACT

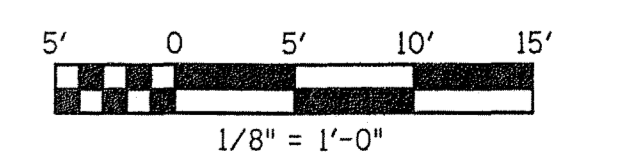
FLOOR DRAINS

- FD-A JOSAM 31124-17
- FD-B JOSAM 30000-E3

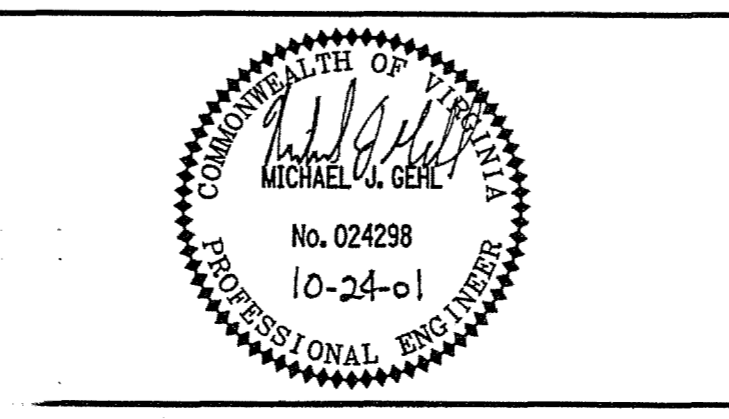
GENERAL NOTES

- 1) MOUNT ALL WALL HYDRANTS 18" ABOVE FINISHED GRADE.
- 2) SEE DRAWING P-2 FOR RISERS.
- 3) COORDINATE FLOOR DRAIN (FD-B) LOCATION WITH MECHANICAL DRAWINGS

IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.

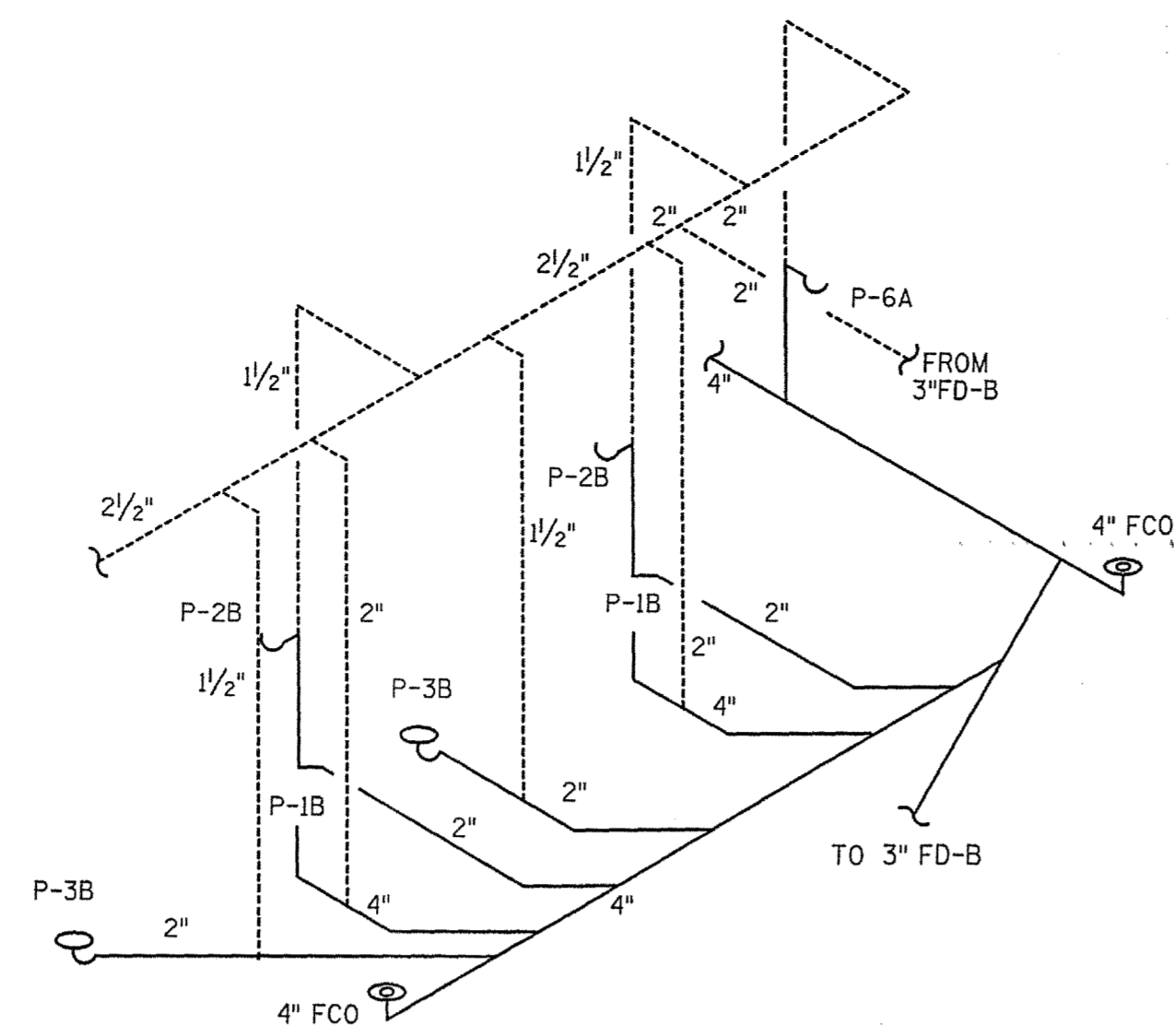


REV.	DATE	BY	APP.	DESCRIPTION

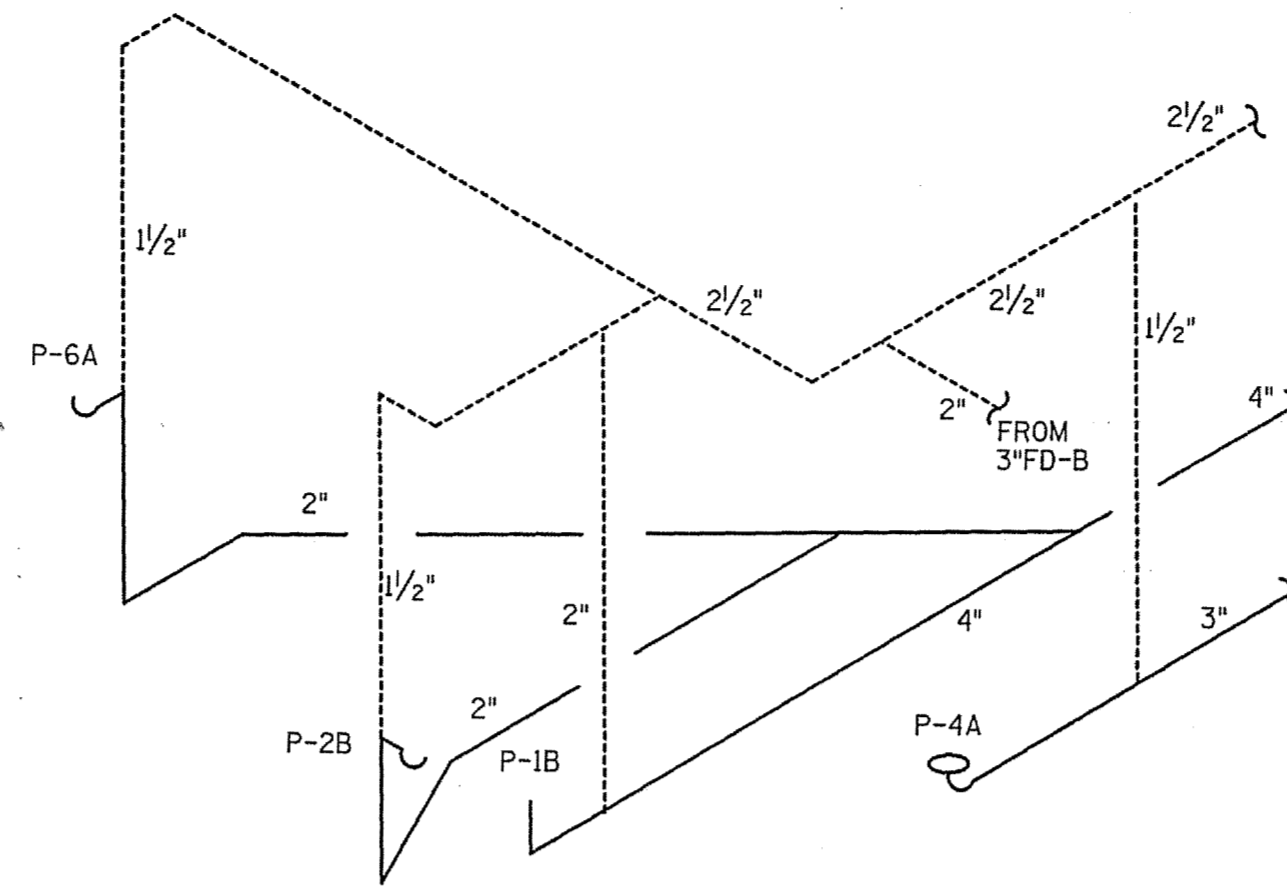


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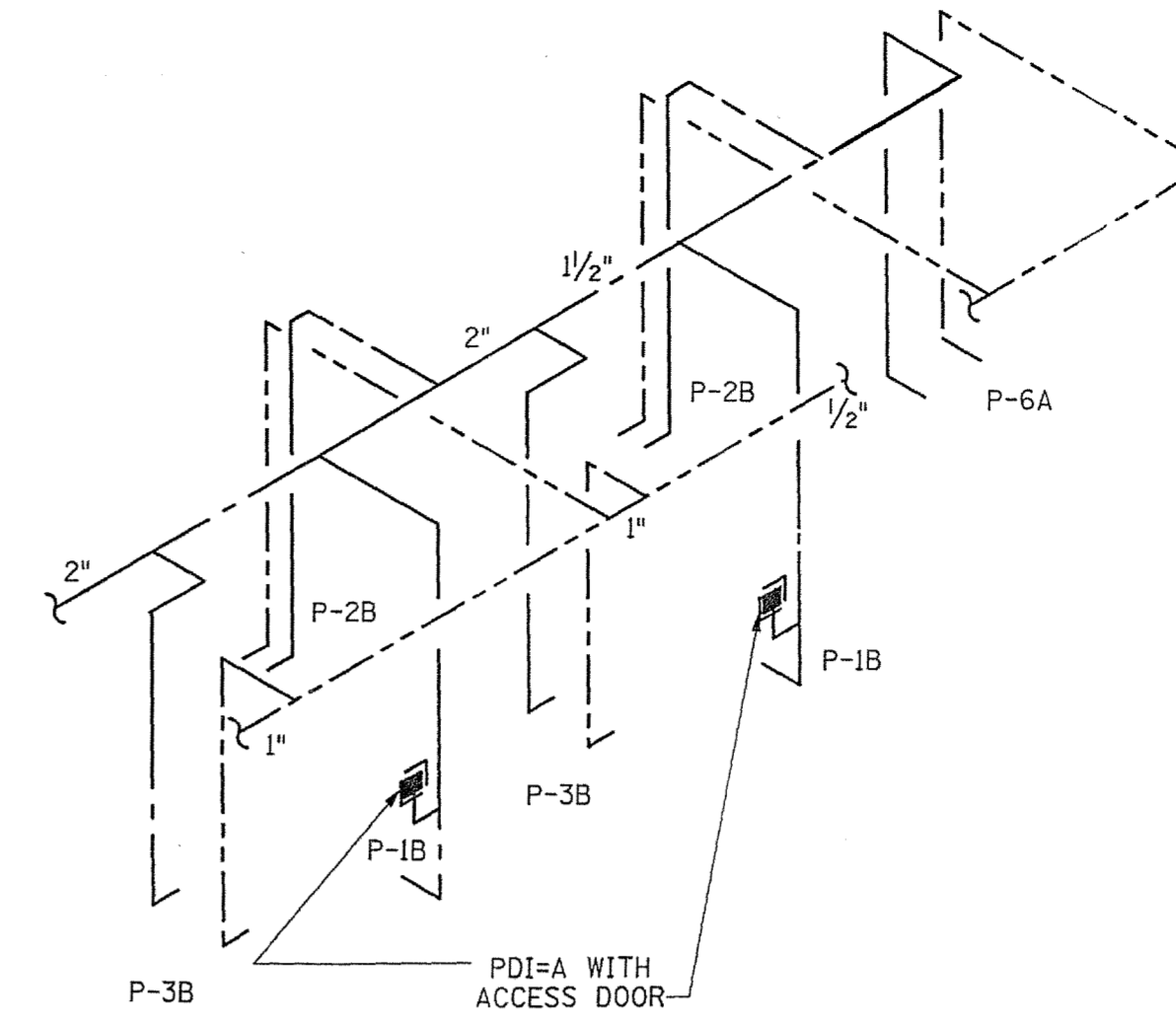
DESIGNED BWG	DRAWN BWG	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED MJG		REFERENCE PLUMBING
COMM. NO. 201087.10		TITLE FLOOR PLAN - PLUMBING
CADD NO. 201087P01	DWG. NO. P-1	SHEET NO. 37 OF 48
DATE 10/26/01		REV. 0



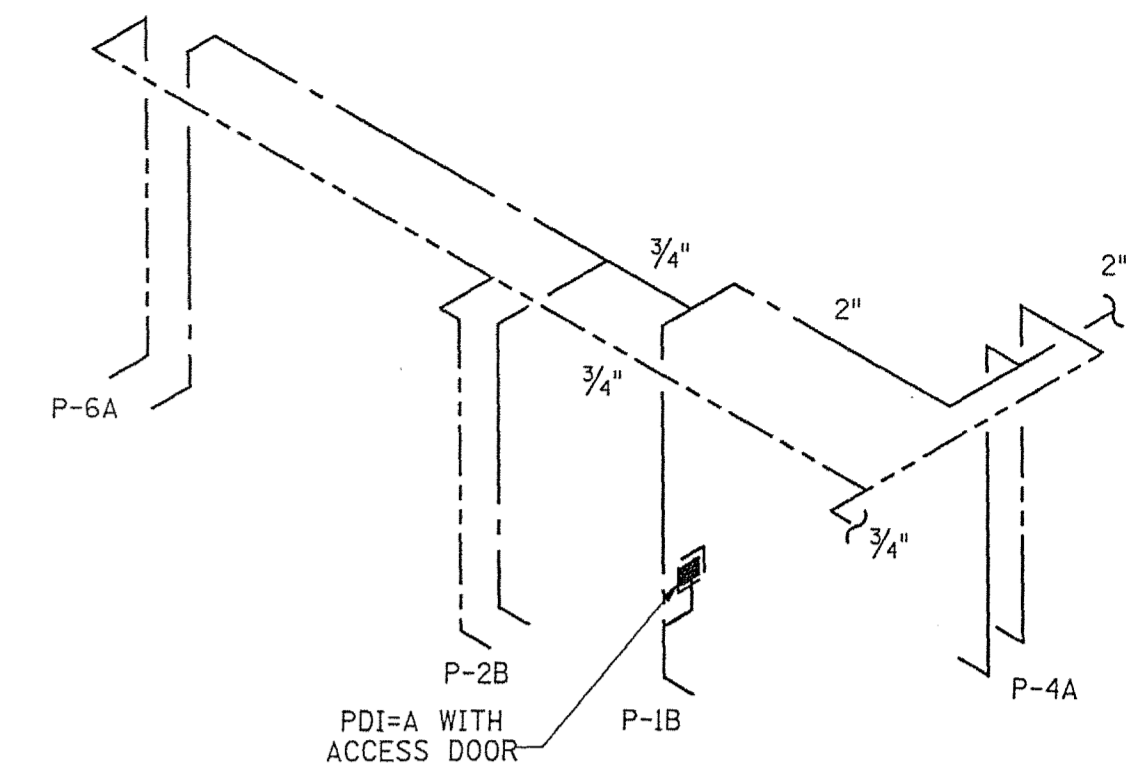
V/W RISER - 126 & 127
NOT TO SCALE



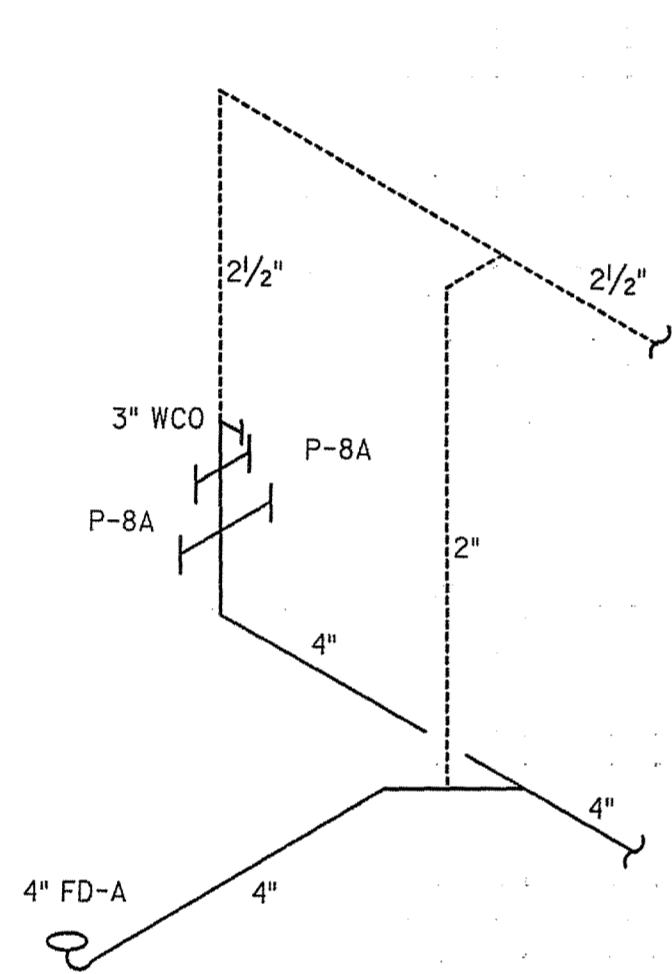
V/W RISER - 137 & 138
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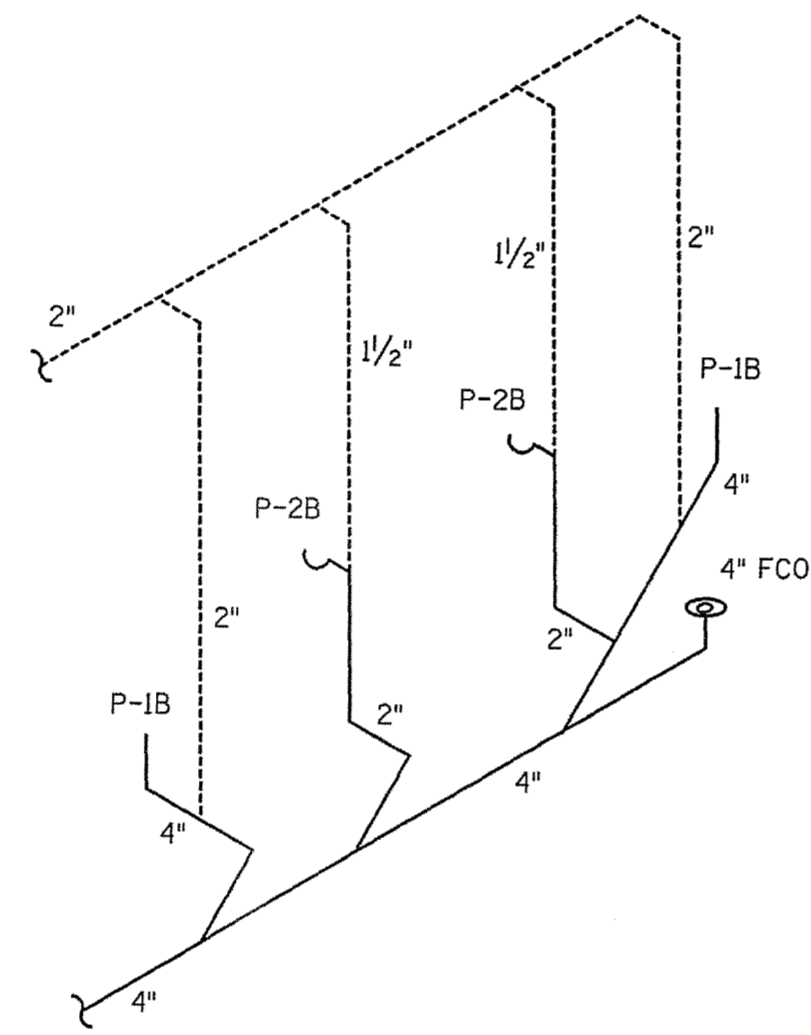
CW/HW RISER - 126 & 127
NOT TO SCALE



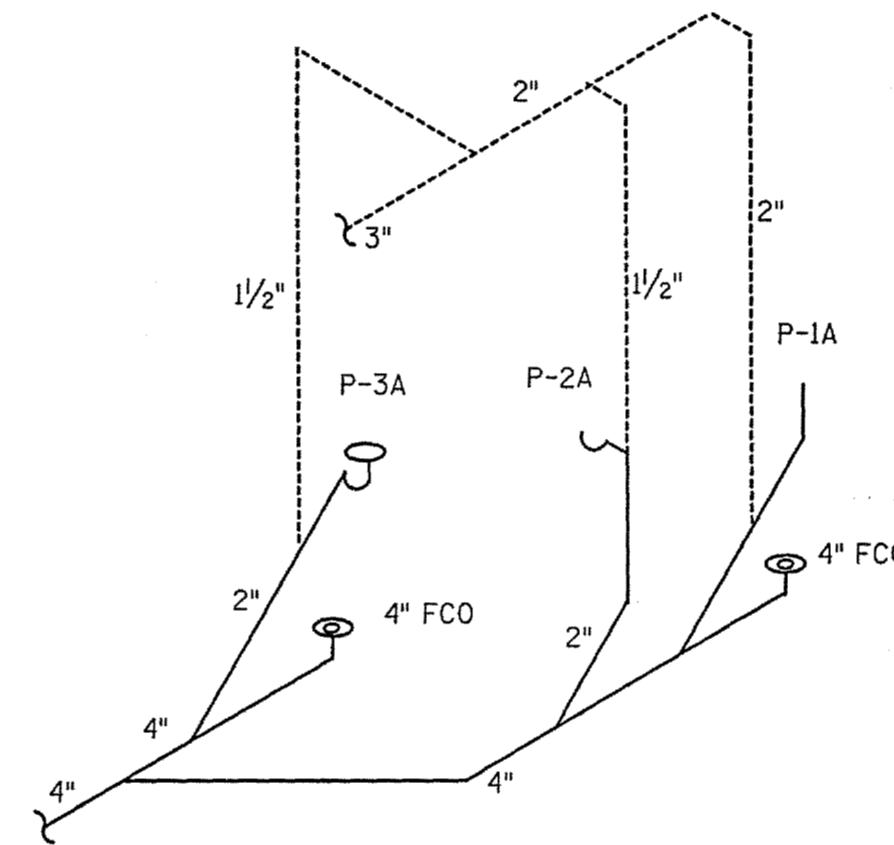
CW/HW RISER - 137 & 138
NOT TO SCALE



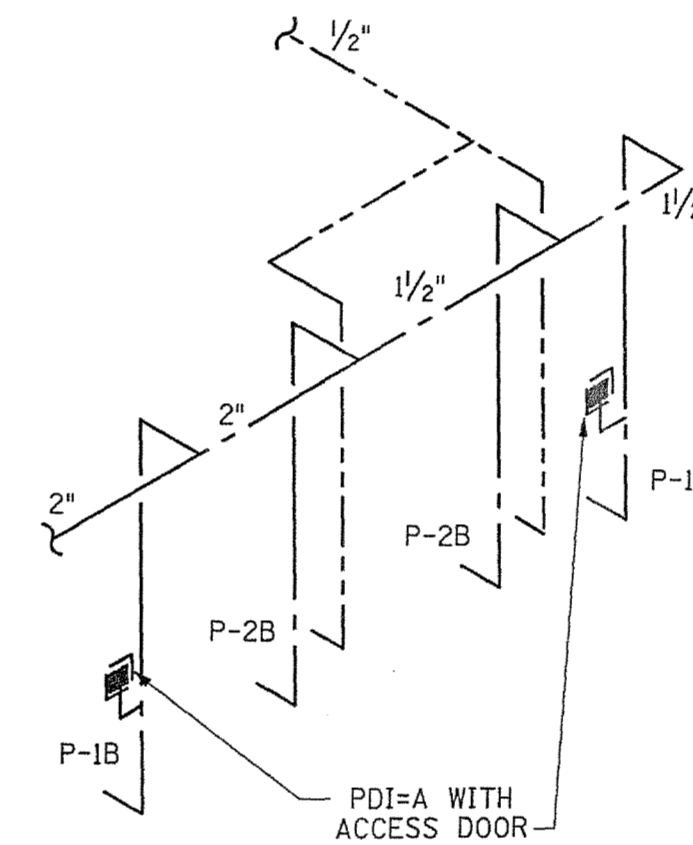
V/W RISER - 147 & 148
(149 SIMILAR)
NOT TO SCALE



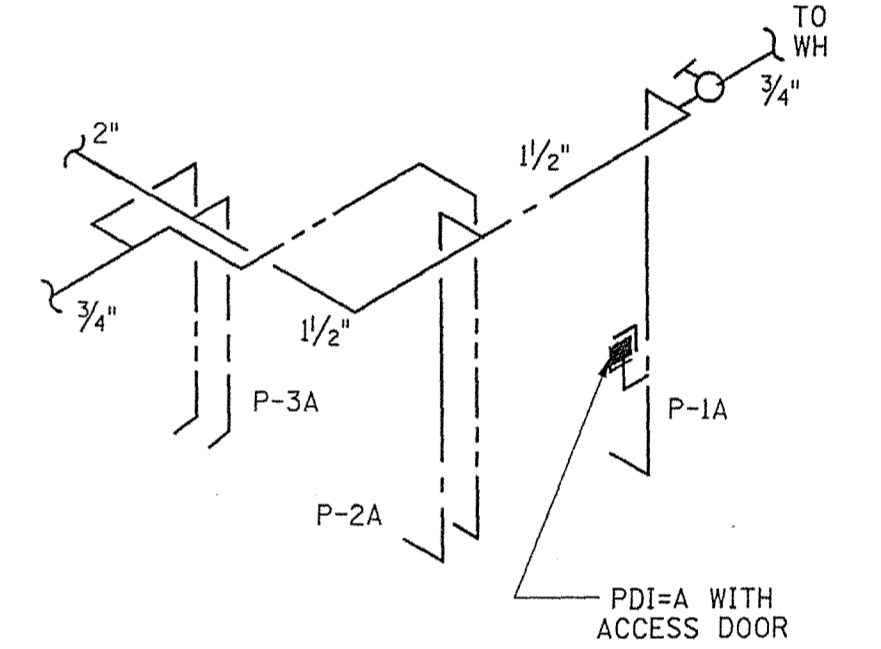
V/W RISER - 121 & 122
NOT TO SCALE



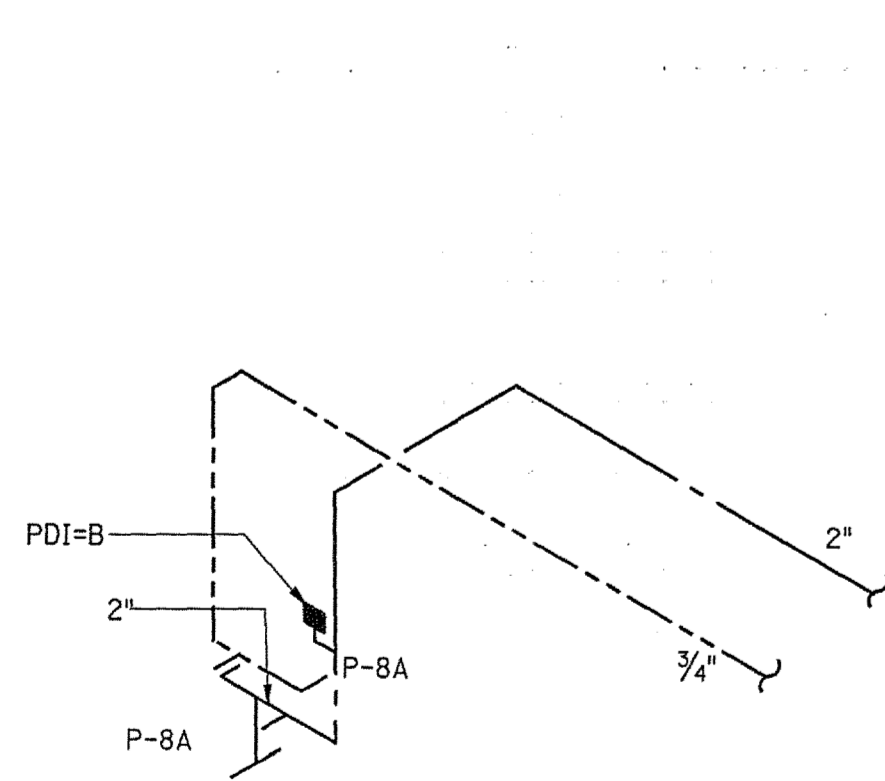
V/W RISER - 105
NOT TO SCALE



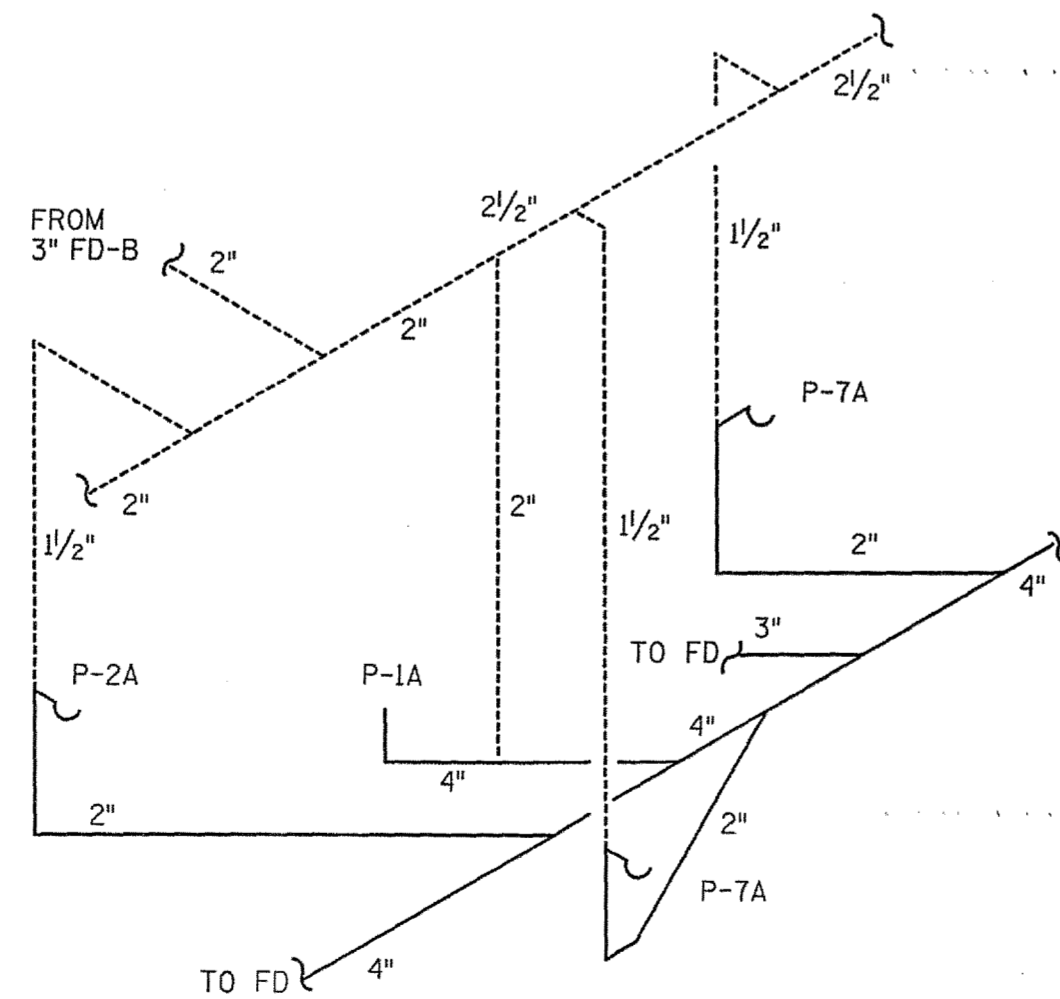
CW/HW RISER - 121 & 122
NOT TO SCALE



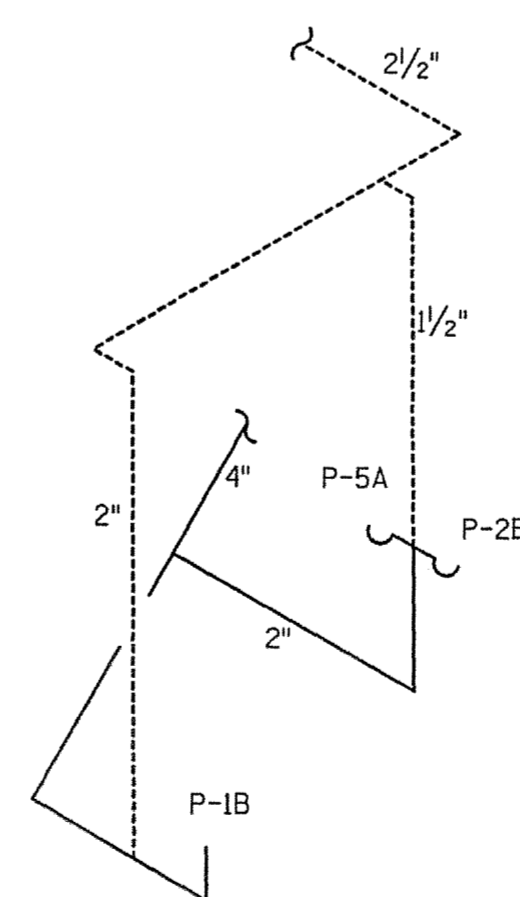
CW/HW RISER - 105
NOT TO SCALE



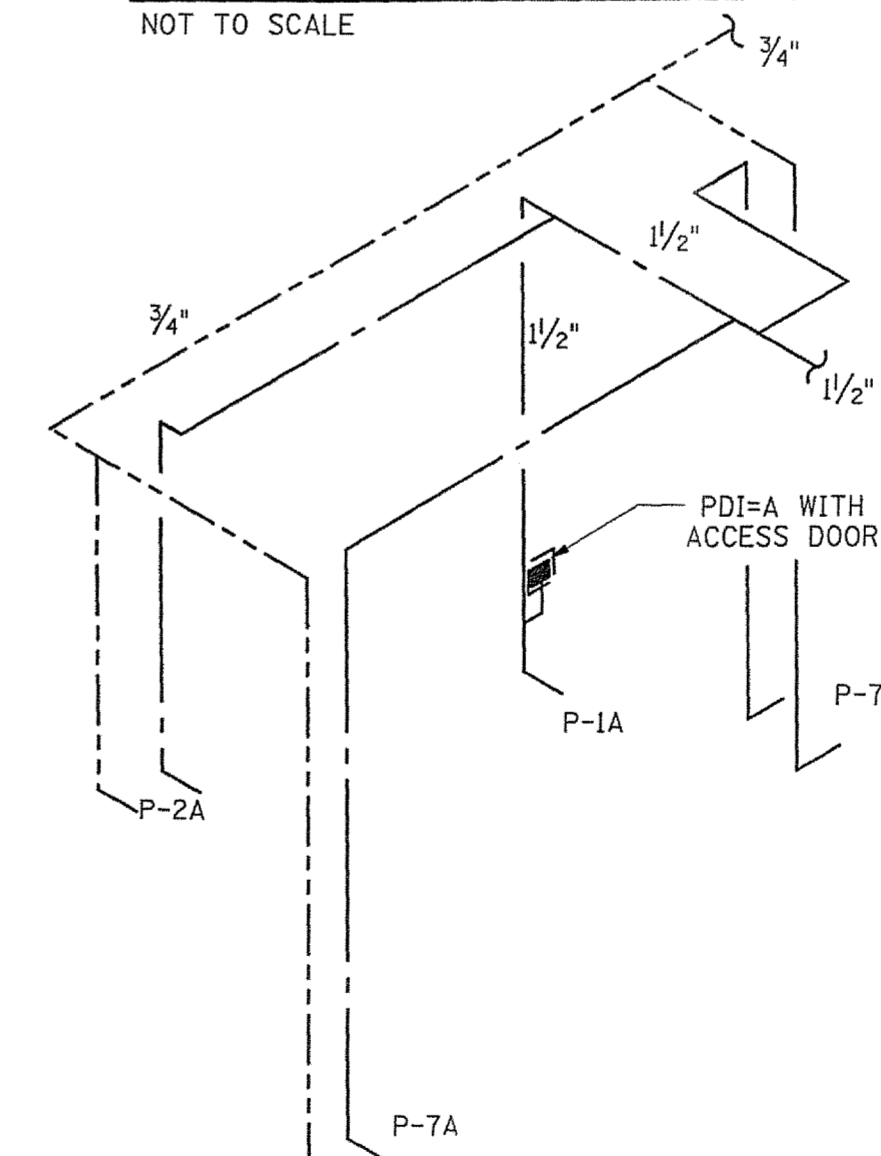
CW/HW RISER - 147 & 148
(149 SIMILAR)
NOT TO SCALE



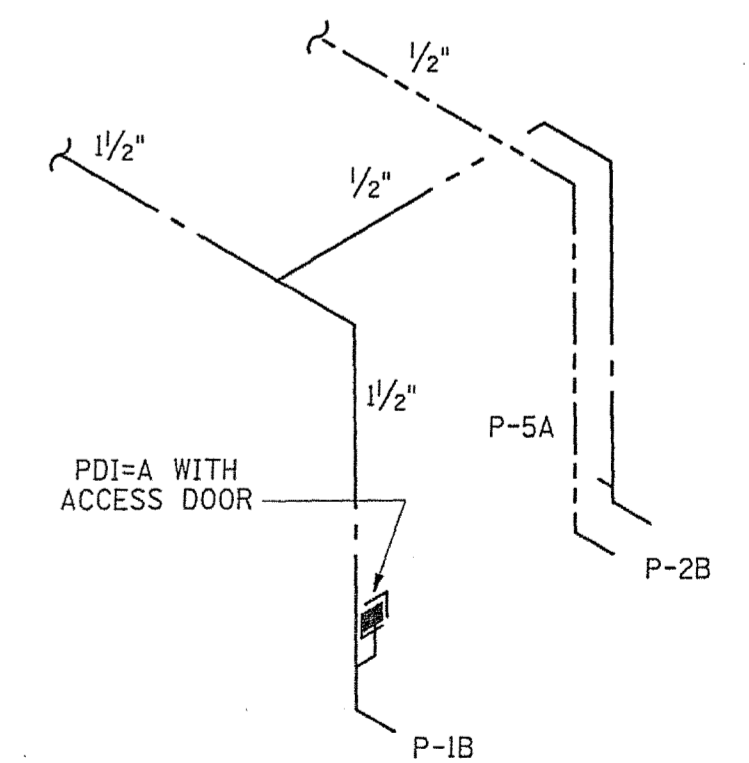
V/W RISER - 143
NOT TO SCALE



V/W RISER - 102
NOT TO SCALE

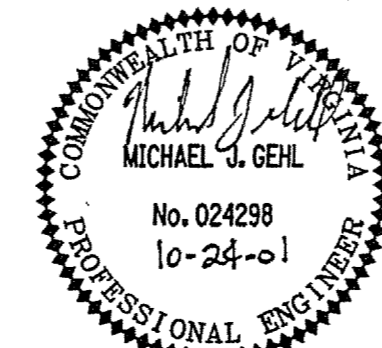


CW/HW RISER - 143
NOT TO SCALE



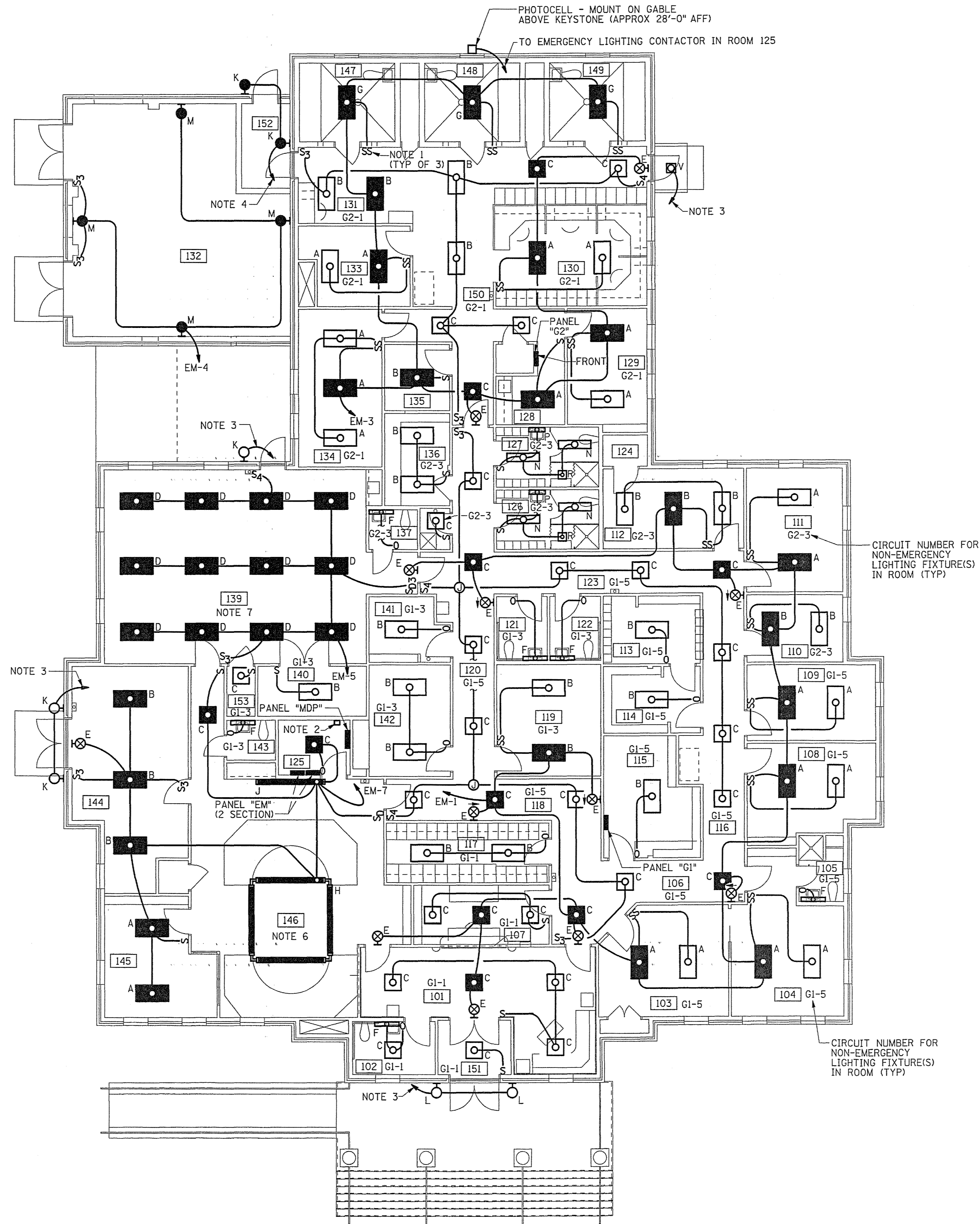
CW/HW RISER - 102
NOT TO SCALE

REV.	DATE	BY	APP.	DESCRIPTION

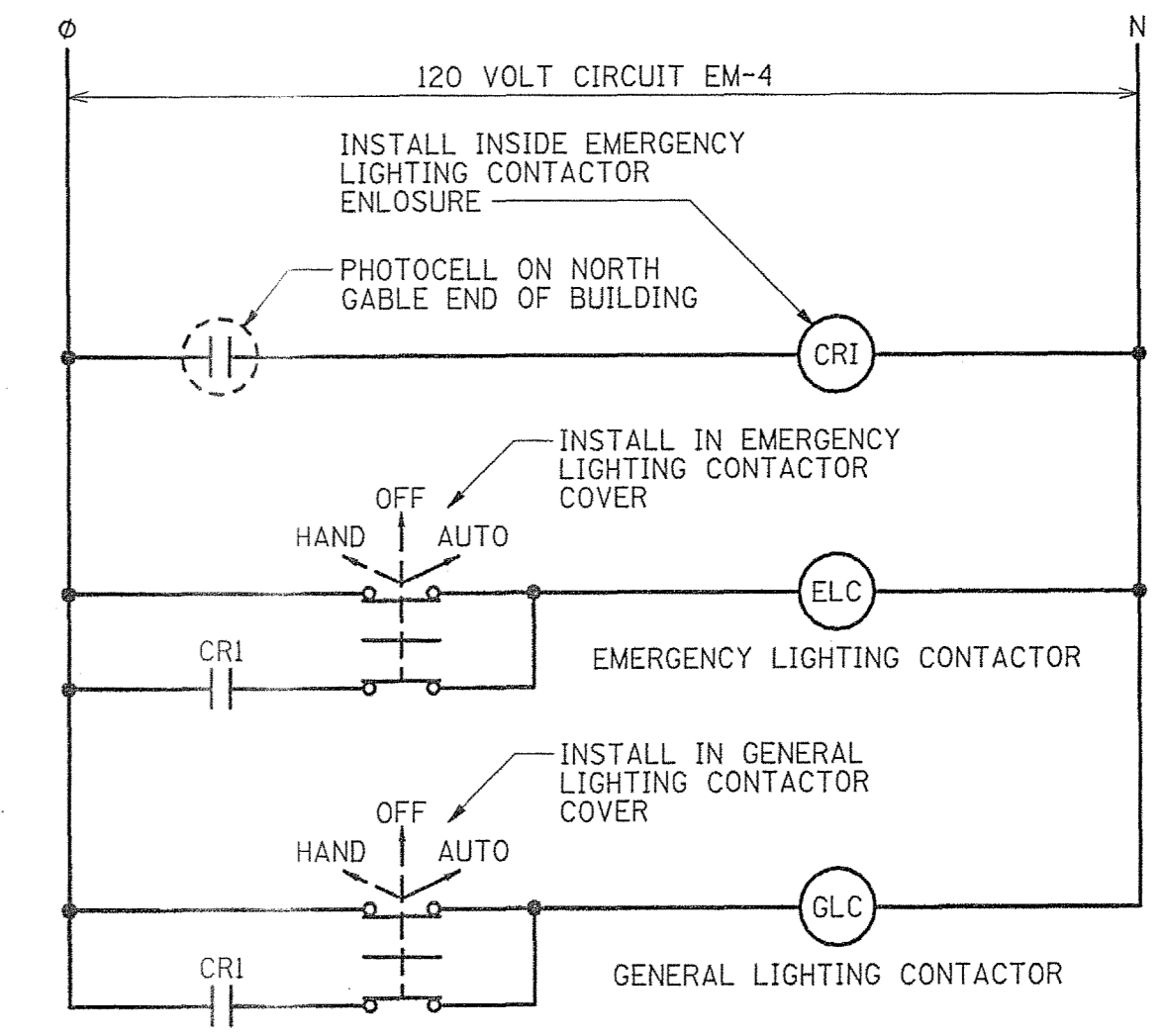


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ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED BWG	DRAWN BWG	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED MJG		REFERENCE PLUMBING
COMM. NO. 201087.10		TITLE RISERS - PLUMBING
CADD NO. 201087P02		DWG. NO. P-2
DATE 10/26/01		SHEET NO. 10 OF 10



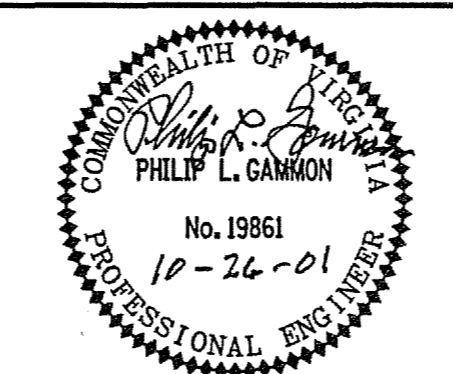
- NOTES:
1. PROVIDE ONE TOGGLE SWITCH FOR GENERAL OVERHEAD LIGHTING AND THE OTHER TOGGLE SWITCH FOR NIGHT LIGHT.
 2. GENERAL AND EMERGENCY CONTACTORS FOR EXTERIOR BUILDING AND SITE LIGHTS. MOUNT GENERAL CONTACTOR ABOVE EMERGENCY CONTACTOR. GENERAL LIGHTING CONTACTOR SHALL BE 30A, 4-POLE CONTACTOR. EMERGENCY LIGHTING CONTACTOR SHALL BE 30A, 2-POLE CONTACTOR.
 3. 2#12 & 1#12 EGC - 1/2" C (CIRCUIT G1-7) TO GENERAL LIGHTING CONTACTOR IN ROOM 125.
 4. 2#12 & 1#12 EGC - 1/2" C (CIRCUIT EM-9) TO EMERGENCY LIGHTING CONTACTOR IN ROOM 125.
 5. MOUNTING HEIGHTS FOR PENDANT AND WALL MOUNTED LIGHTING FIXTURES SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED.
 FIXTURE TYPE "E" - 7'-6" AFF TO BOTTOM
 FIXTURE TYPE "F" - 6'-6" AFF TO BOTTOM
 FIXTURE TYPE "H" - 8'-8" AFF TO BOTTOM
 FIXTURE TYPE "J" - 8'-8" AFF TO BOTTOM
 FIXTURE TYPE "K" - 7'-0" AFF TO TOP
 FIXTURE TYPE "L" - 7'-4" AFF TO TOP
 FIXTURE TYPE "M" - 9'-0" AFF TO BOTTOM
 FIXTURE TYPE "P" - 6'-6" AFF TO BOTTOM
 6. DIMMER SWITCH FOR ROOM 146 SHALL BE LITHONIA CATALOG No. LEO BC 120/277 IV. PROVIDE WIRING PER MANUFACTURER'S INSTRUCTIONS, INCLUDING REQUIREMENT THAT LOW VOLTAGE CONDUCTORS NOT BE INSTALLED IN SAME CONDUIT WITH POWER WIRING. LOW VOLTAGE WIRING MAY BE RUN LOOSE ABOVE SUSPENDED CEILING. SUPPORT LOOSE CABLES OFF CEILING.
 7. DIMMER SWITCH FOR ROOM 139 SHALL BE LITHONIA CATALOG No. LEO BC 120/277 IV 3WAY. PROVIDE WIRING PER MANUFACTURER'S INSTRUCTIONS, INCLUDING REQUIREMENT THAT LOW VOLTAGE CONDUCTORS NOT BE INSTALLED IN SAME CONDUIT WITH POWER WIRING. LOW VOLTAGE WIRING MAY BE RUN LOOSE ABOVE SUSPENDED CEILING. SUPPORT LOOSE CABLES OFF CEILING.



MAIN FLOOR PLAN - LIGHTING
 SCALE: 1/8" = 1'-0"

IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.
 5' 0' 5' 10' 15'
 1/8" = 1'-0"

REV.	DATE	BY	APP.	DESCRIPTION

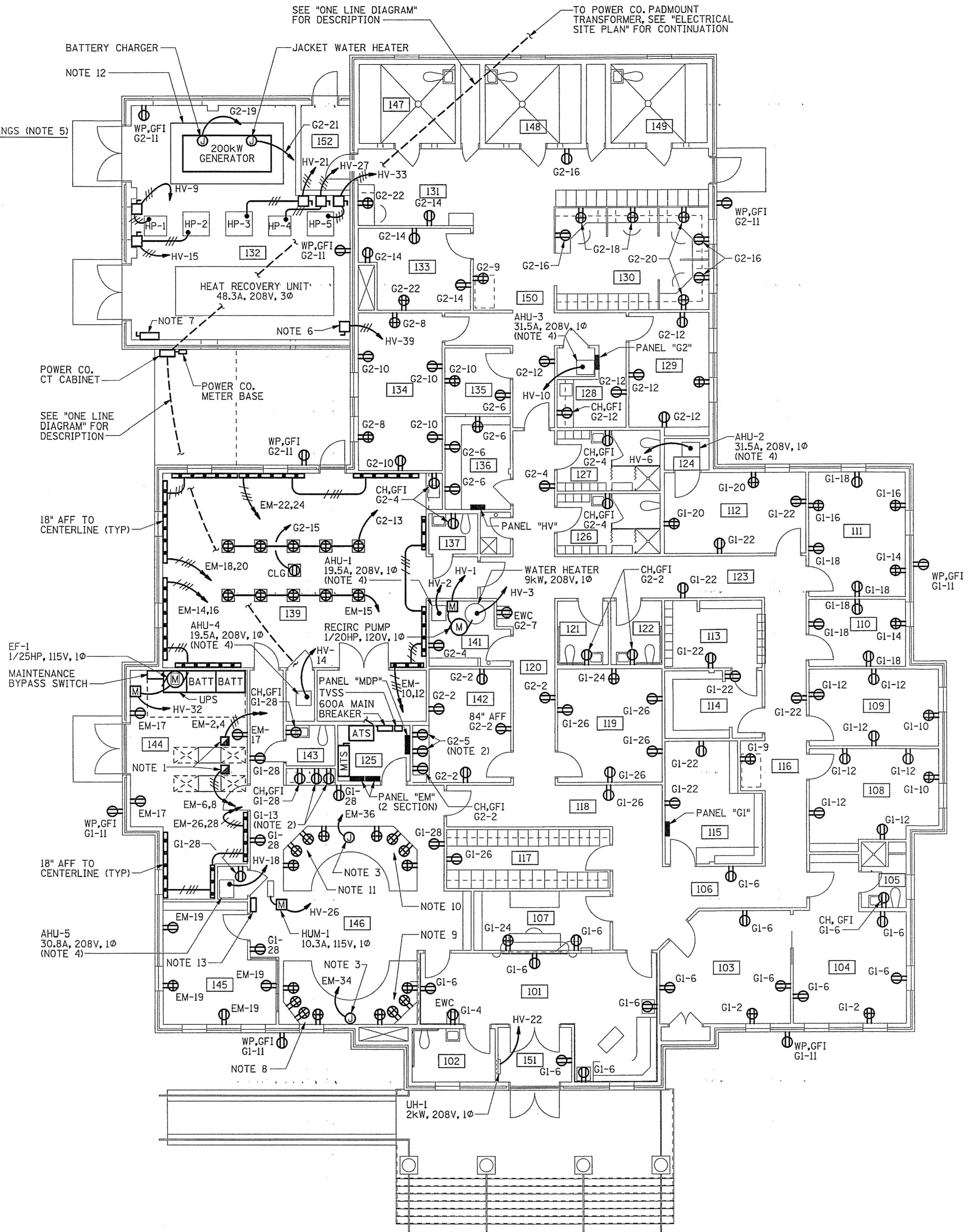


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 2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
 24505-0877

DESIGNED KLP2	DRAWN KLP2	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED PLG	REFERENCE ELECTRICAL	TITLE FLOOR PLAN - LIGHTING
COMM. NO. 201087.10	DATE 10/26/01	DWG. NO. E-2
CADD NO. 201087e02.dgn	SHEET NO. 40 OF 48	REV. 0

AIR-COOLED HEAT PUMP RATINGS (NOTE 5)

HP-1	11.5A, 208V, 1Ø
HP-2	13.4A, 208V, 3Ø
HP-3	13.4A, 208V, 3Ø
HP-4	11.5A, 208V, 1Ø
HP-5	13.4A, 208V, 3Ø



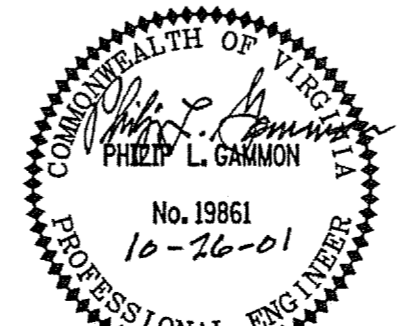
- NOTES:
- SUPPORT VERTICAL POWER POLES FROM CEILING AND FLOOR. CONNECT ALL RECEPTACLES IN UPPER HALF OF POLE TO ONE CIRCUIT AND ALL RECEPTACLES IN LOWER HALF OF POLE TO REMAINING CIRCUIT.
 - EXACT LOCATIONS AND MOUNTING HEIGHTS OF RECEPTACLES FOR UNIT KITCHEN MICROWAVE OVEN AND REFRIGERATOR SHALL BE COORDINATED WITH ROUGH-IN DRAWINGS PROVIDED BY THE UNIT KITCHEN MANUFACTURER.
 - STUB BRANCH CIRCUIT CONDUIT FOR DISPATCHER CONSOLE POWER SUPPLY UP 1" AFF BENEATH CONSOLE. TRANSITION TO FLEXIBLE METAL CONDUIT AND CONTINUE BRANCH CIRCUIT FROM STUB-UP TO CONSOLE POWER INPUT BOX INSIDE THE CONSOLE. PROVIDE SUFFICIENT SLACK IN FLEXIBLE CONDUIT TO ALLOW CONSOLE TO BE RAISED OR LOWERED BY THE DISPATCH OPERATOR. COORDINATE EXACT LOCATION OF CONDUIT STUB-UP AND OTHER WIRING REQUIREMENTS WITH MANUFACTURER OF CONSOLE TO BE FURNISHED.
 - AHU-1 THRU 5 WILL BE EQUIPPED WITH INTEGRAL STARTERS AND DISCONNECT SWITCHES.
 - HP-1 THRU 5 WILL BE EQUIPPED WITH INTEGRAL STARTERS.
 - 100A, 3P FUSIBLE SWITCH WITH 80A FUSES. PROVIDE LOAD SIDE FEEDER FROM FUSIBLE SWITCH TO ELECTRIC CONTROL PANEL ON HEAT RECOVERY UNIT.
 - 600A, 3P NON-FUSED DISCONNECT SWITCH WITH NEMA 3R ENCLOSURE FOR CONNECTION OF TEMPORARY GENERATOR. PROVIDE LOAD SIDE FEEDER TO 600A, 3-POLE, DOUBLE THROW SAFETY SWITCH (MANUAL TRANSFER SWITCH) PER "ONE LINE DIAGRAM." PROVIDE TWO EMPTY 3" RIGID STEEL CONDUIT ELLS OUT BOTTOM OF SWITCH AND CAP 6" ABOVE FINISHED GRADE (TO ALLOW ENTRY OF TEMPORARY GENERATOR CABLES WHILE SWITCH DOOR REMAINS CLOSED).
 - MOUNT RECEPTACLES IN BASE OF DISPATCHER CONSOLE. CONNECT EACH QUADRUPLX RECEPTACLE TO A SEPARATE CIRCUIT EM-31, EM-33, EM-35, AND EM-37.
 - MOUNT RECEPTACLES IN BASE OF DISPATCHER CONSOLE. CONNECT EACH QUADRUPLX RECEPTACLE TO A SEPARATE CIRCUIT EM-39, EM-41, EM-43, AND EM-45.
 - MOUNT RECEPTACLES IN BASE OF DISPATCHER CONSOLE. CONNECT EACH QUADRUPLX RECEPTACLE TO A SEPARATE CIRCUIT EM-32, EM-34, EM-36, AND EM-38.
 - MOUNT RECEPTACLES IN BASE OF DISPATCHER CONSOLE. CONNECT EACH QUADRUPLX RECEPTACLE TO A SEPARATE CIRCUIT EM-40, EM-42, EM-44, AND EM-46.
 - 13'-10" x 7'-5" EMERGENCY GENERATOR SET PAD. SEE "EMERGENCY GENERATOR SET PAD DETAIL" FOR STRUCTURAL DETAILS.
 - EMERGENCY GENERATOR REMOTE ANNUNCIATOR PANEL. PROVIDE CONDUIT AND ALARM WIRING. SIZES AND QUANTITIES AS RECOMMENDED BY THE GENERATOR MANUFACTURER, FROM ANNUNCIATOR PANEL TO GENERATOR CONTROL PANEL IN AREA 132.

MAIN FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"

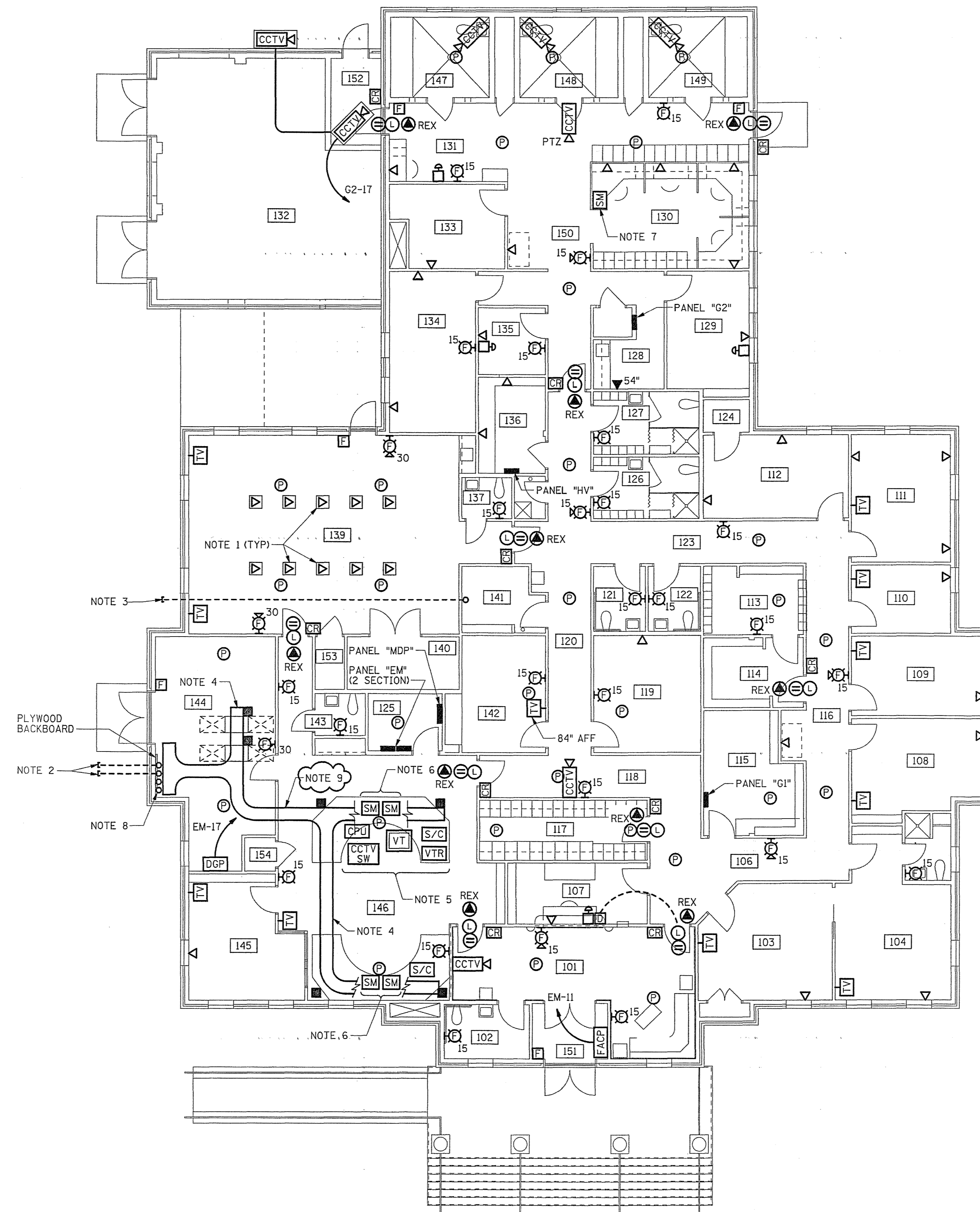
IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.

5' 0' 5' 10' 15'
1/8" = 1'-0"

DESIGNED SAB/KLP2	DRAWN SAB	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED PLG		REFERENCE ELECTRICAL
COMM. NO. 201087.10		TITLE FLOOR PLAN - POWER
CADD NO. 201087e03.dgn		DWG. NO. E-3
DATE 10/26/01		SHEET NO. 41 OF 48
REV.	DATE	BY
		APP.
		DESCRIPTION

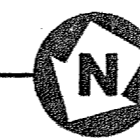


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24505-0877



- NOTES:
1. PROVIDE 1" C FOR TELEPHONE/DATA LINES IN FLOOR TO WALL OR PARTITION. TURN CONDUITS UP IN WALL OR PARTITION, THEN TURN OUT ABOVE CEILING, AND TERMINATE WITH CONDUIT BUSHING FITTINGS FOR WIRING BY OTHERS.
 2. PROVIDE TWO 4" EMPTY CONDUITS FOR TELEPHONE SERVICE. TURN CONDUITS UP AND TERMINATE 6" AFF. EXTEND CONDUITS OUT 5'-0" FROM BUILDING AND COVER END TO KEEP DIRT AND DEBRIS OUT.
 3. PROVIDE 2" CONDUIT FOR CABLE TELEVISION SERVICE. TURN CONDUIT UP AND TERMINATE 6" AFF. EXTEND CONDUIT OUT 5'-0" FROM BUILDING AND COVER END TO KEEP DIRT AND DEBRIS OUT.
 4. PROVIDE CABLE TRAY WITH THE FOLLOWING FEATURES ABOVE CEILING: 18" WIDE, 6" RUNG SPACING, 4" LOADING DEPTH, AND 12" MINIMUM FITTING RADIUS.
 5. IN ADDITION TO RECEPTACLES SHOWN IN DISPATCHER CONSOLES ON "MAIN FLOOR PLAN - POWER," PROVIDE ONE DUPLEX RECEPTACLE FOR SECURITY CPU & VIDEO TERMINAL CONNECTED TO CIRCUIT EM-19 AND ONE DUPLEX RECEPTACLE FOR CCTV SWITCHER AND VTR CONNECTED TO CIRCUIT EM-21. COORDINATE EXACT LOCATIONS FOR SECURITY EQUIPMENT RECEPTACLES WITH THE OWNER.
 6. IN ADDITION TO RECEPTACLES SHOWN IN DISPATCHER CONSOLES ON "MAIN FLOOR PLAN - POWER," PROVIDE ONE DUPLEX RECEPTACLE AT EACH CONSOLE FOR SECURITY MONITORS CONNECTED TO CIRCUIT EM-19. COORDINATE EXACT LOCATIONS FOR SECURITY MONITOR RECEPTACLES WITH THE OWNER.
 7. PROVIDE ONE DUPLEX RECEPTACLE IN DEPUTY STATION FOR SECURITY MONITOR CONNECTED TO CIRCUIT EM-19. COORDINATE EXACT LOCATION FOR SECURITY MONITOR RECEPTACLE WITH THE OWNER.
 8. PROVIDE TWO 4" EMPTY CONDUITS WITH CONDUIT BUSHING FITTINGS ON EACH END FROM TELEPHONE BACKBOARD UP TO CABLE TRAY ABOVE. BOTTOM OF CONDUITS SHALL BE 8'-6" AFF. PROVIDE CONDUIT BUSHINGS ON EACH END.
 9. FOR BASE BID: PROVIDE CABLE TRAY ABOVE TILE CEILING AND VERTICAL TELECOMMUNICATIONS POLES WHERE INDICATED FOR SERVICE TO COMMUNICATIONS EQUIPMENT. FOR ADD ALT #2 (ACCESS FLOORING): TRANSITION FROM OVERHEAD CABLE TRAY IN ROOM 144 TO UNDERFLOOR CABLE TRAY IN ROOM 146, AND DELETE VERTICAL TELECOMMUNICATIONS POLES IN ROOM 146.

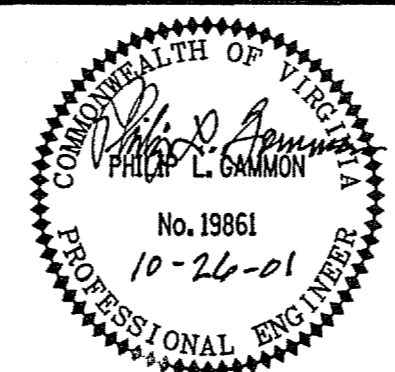
MAIN FLOOR PLAN - SPECIAL SYSTEMS
SCALE: 1/8" = 1'-0"



IF THIS DRAWING IS A REDUCTION,
GRAPHIC SCALE MUST BE USED.

1/8" = 1'-0"

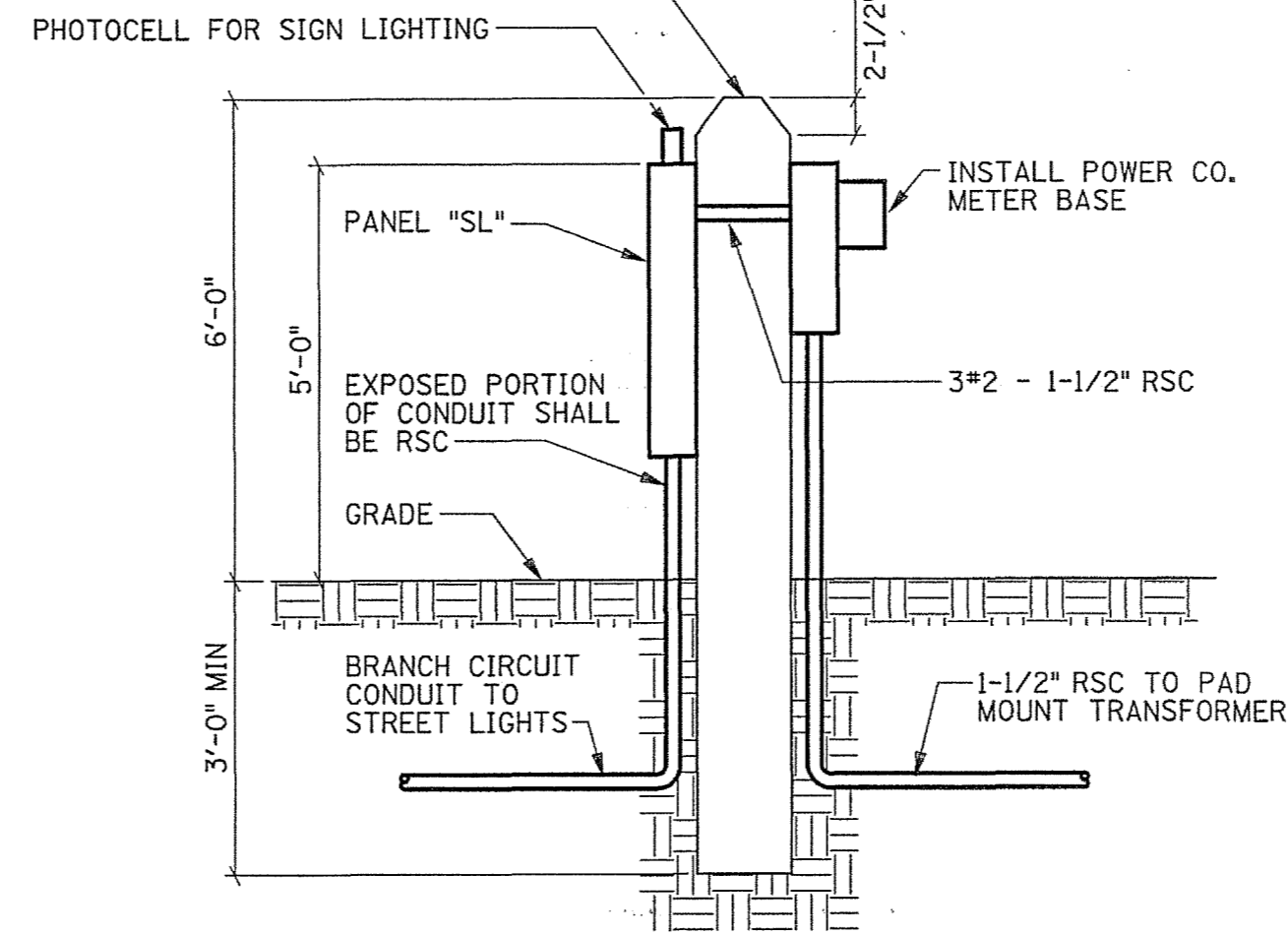
REV.	DATE	BY	APP.	DESCRIPTION



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ARCHITECTS ENGINEERS PLANNERS
2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED PLG/KLP2	DRAWN SAB/RSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED PLG		REFERENCE ELECTRICAL
COMM. NO. 201087.10		TITLE FLOOR PLAN - SPECIAL SYSTEMS
CADD NO. 201087e04.dgn		DWG. NO. E-4
DATE 10/26/01		SHEET NO. 42 OF 48
		REV. 0

PROVIDE 6"X6" PRESSURE-TREATED WOODEN POST. ANGLE TOP OF POST TO SHED RAINWATER.

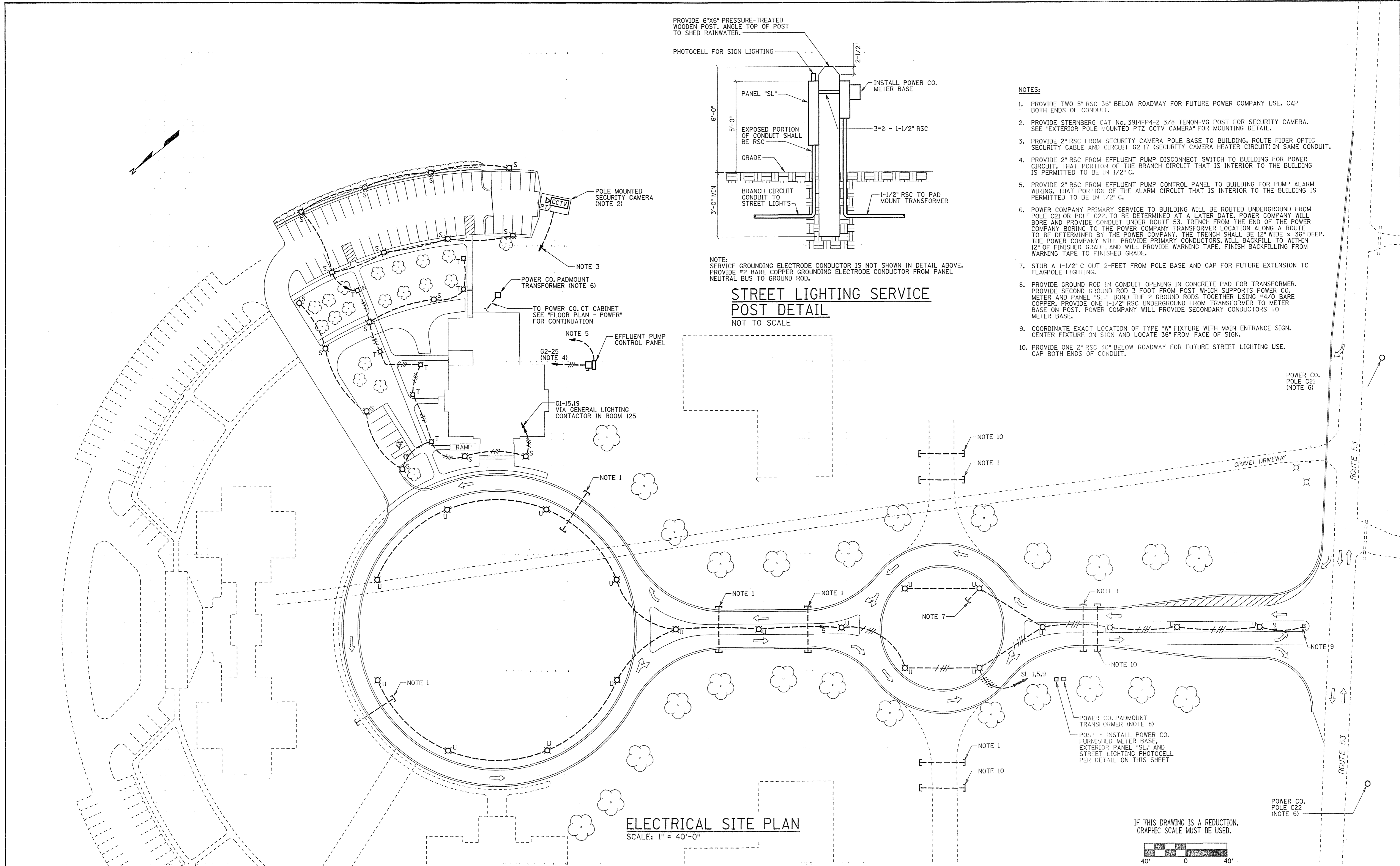


NOTE: SERVICE GROUNDING ELECTRODE CONDUCTOR IS NOT SHOWN IN DETAIL ABOVE. PROVIDE #2 BARE COPPER GROUNDING ELECTRODE CONDUCTOR FROM PANEL NEUTRAL BUS TO GROUND ROD.

STREET LIGHTING SERVICE POST DETAIL
NOT TO SCALE

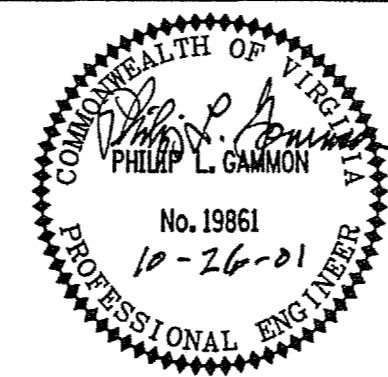
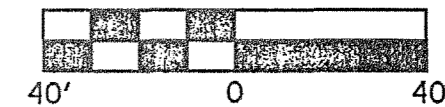
NOTES:

1. PROVIDE TWO 5" RSC 36" BELOW ROADWAY FOR FUTURE POWER COMPANY USE. CAP BOTH ENDS OF CONDUIT.
2. PROVIDE STERNBERG CAT No. 3914FP4-2 3/8 TENON-VG POST FOR SECURITY CAMERA. SEE "EXTERIOR POLE MOUNTED PTZ CCTV CAMERA" FOR MOUNTING DETAIL.
3. PROVIDE 2" RSC FROM SECURITY CAMERA POLE BASE TO BUILDING. ROUTE FIBER OPTIC SECURITY CABLE AND CIRCUIT G2-17 (SECURITY CAMERA HEATER CIRCUIT) IN SAME CONDUIT.
4. PROVIDE 2" RSC FROM EFFLUENT PUMP DISCONNECT SWITCH TO BUILDING FOR POWER CIRCUIT. THAT PORTION OF THE BRANCH CIRCUIT THAT IS INTERIOR TO THE BUILDING IS PERMITTED TO BE IN 1/2" C.
5. PROVIDE 2" RSC FROM EFFLUENT PUMP CONTROL PANEL TO BUILDING FOR PUMP ALARM WIRING. THAT PORTION OF THE ALARM CIRCUIT THAT IS INTERIOR TO THE BUILDING IS PERMITTED TO BE IN 1/2" C.
6. POWER COMPANY PRIMARY SERVICE TO BUILDING WILL BE ROUTED UNDERGROUND FROM POLE C21 OR POLE C22. TO BE DETERMINED AT A LATER DATE. POWER COMPANY WILL BORE AND PROVIDE CONDUIT UNDER ROUTE 53. TRENCH FROM THE END OF THE POWER COMPANY BORING TO THE POWER COMPANY TRANSFORMER LOCATION ALONG A ROUTE TO BE DETERMINED BY THE POWER COMPANY. THE TRENCH SHALL BE 12" WIDE X 36" DEEP. THE POWER COMPANY WILL PROVIDE PRIMARY CONDUCTORS. WILL BACKFILL TO WITHIN 12" OF FINISHED GRADE, AND WILL PROVIDE WARNING TAPE. FINISH BACKFILLING FROM WARNING TAPE TO FINISHED GRADE.
7. STUB A 1-1/2" C OUT 2-FEET FROM POLE BASE AND CAP FOR FUTURE EXTENSION TO FLAGPOLE LIGHTING.
8. PROVIDE GROUND ROD IN CONDUIT OPENING IN CONCRETE PAD FOR TRANSFORMER. PROVIDE SECOND GROUND ROD 3 FOOT FROM POST WHICH SUPPORTS POWER CO. METER AND PANEL "SL." BOND THE 2 GROUND RODS TOGETHER USING #4/0 BARE COPPER. PROVIDE ONE 1-1/2" RSC UNDERGROUND FROM TRANSFORMER TO METER BASE ON POST. POWER COMPANY WILL PROVIDE SECONDARY CONDUCTORS TO METER BASE.
9. COORDINATE EXACT LOCATION OF TYPE "W" FIXTURE WITH MAIN ENTRANCE SIGN. CENTER FIXTURE ON SIGN AND LOCATE 36" FROM FACE OF SIGN.
10. PROVIDE ONE 2" RSC 30" BELOW ROADWAY FOR FUTURE STREET LIGHTING USE. CAP BOTH ENDS OF CONDUIT.



ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"

IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED.

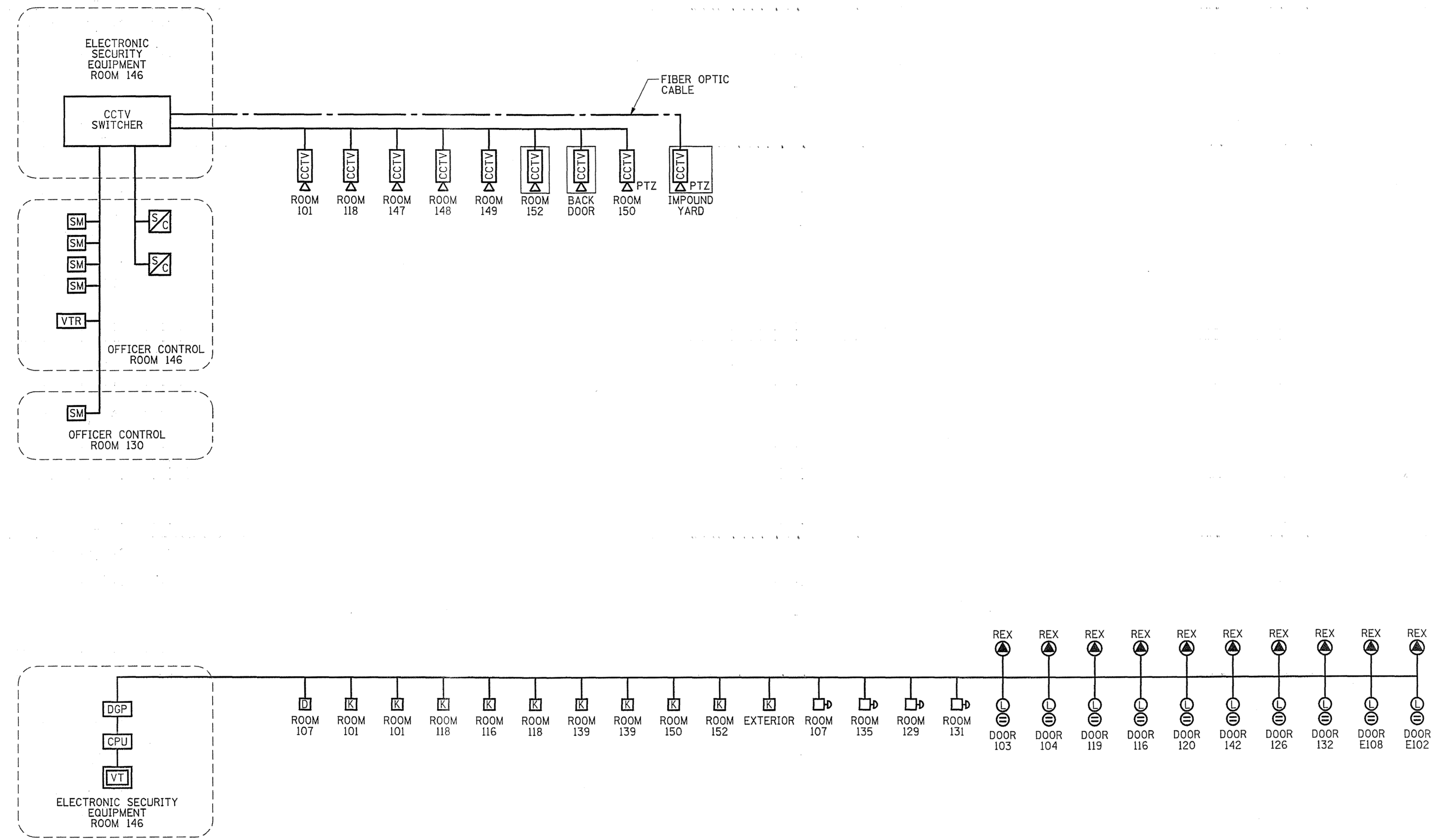


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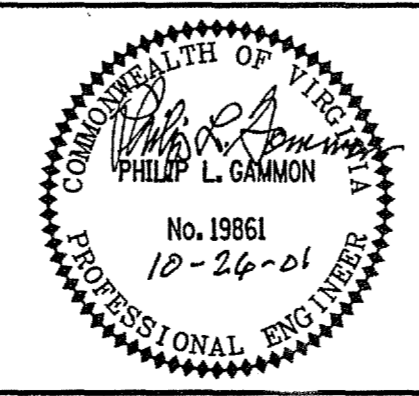
DESIGNED PLG/KLP2	DRAWN RSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED PLG		REFERENCE ELECTRICAL
COMM. NO. 201087.10		TITLE ELECTRICAL SITE PLAN
CADD NO. 201087e06.dgn		DWG. NO. E-6
DATE 10/26/01		SHEET NO. 44 OF 48
		REV. 0

REV.	DATE	BY	APP.	DESCRIPTION



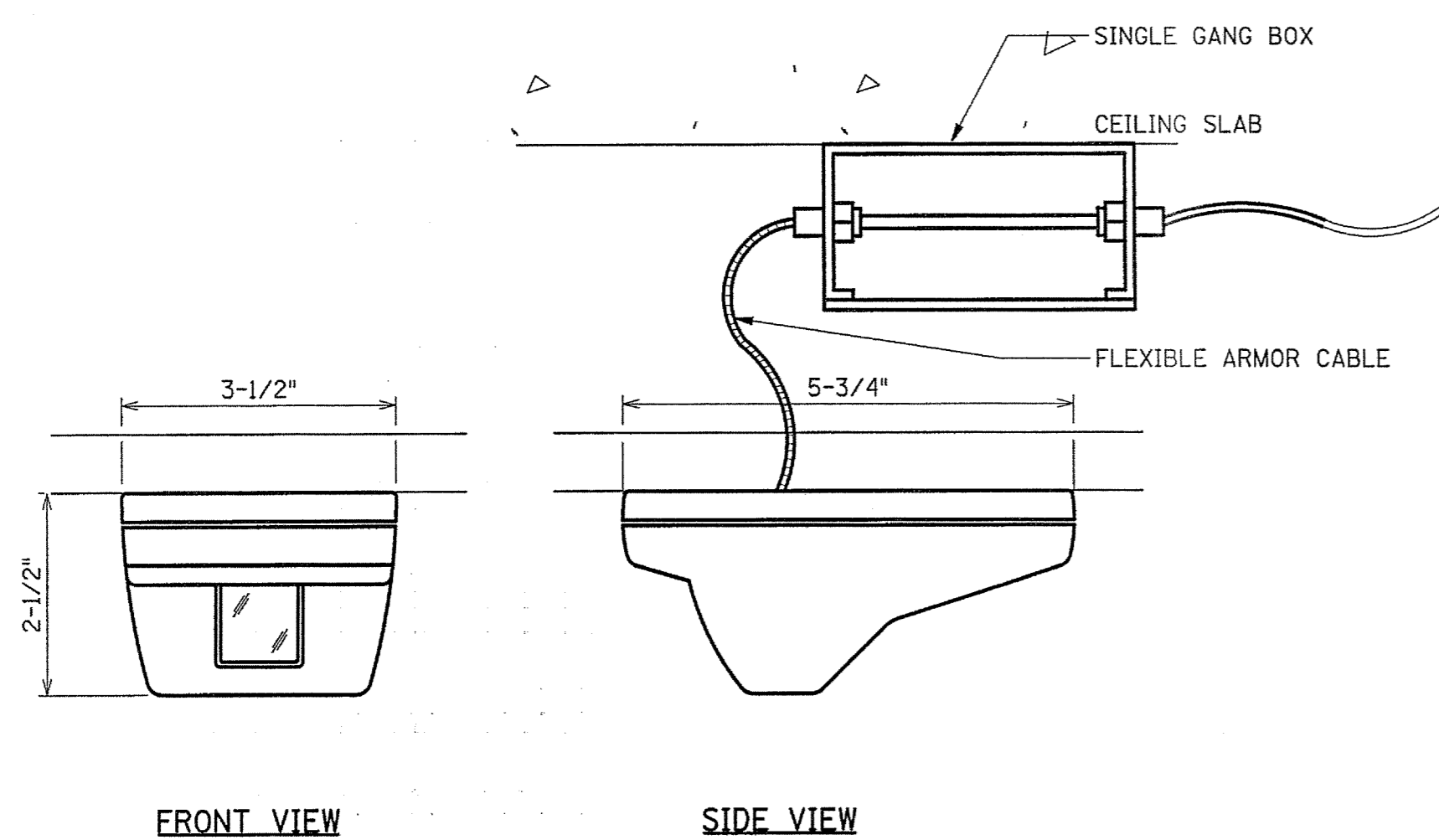
RISER DIAGRAM - SECURITY SYSTEM
NO SCALE

REV.	DATE	BY	APP.	DESCRIPTION

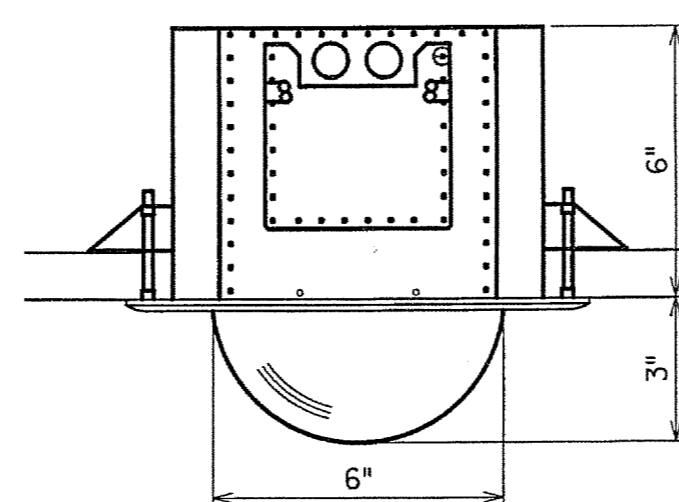


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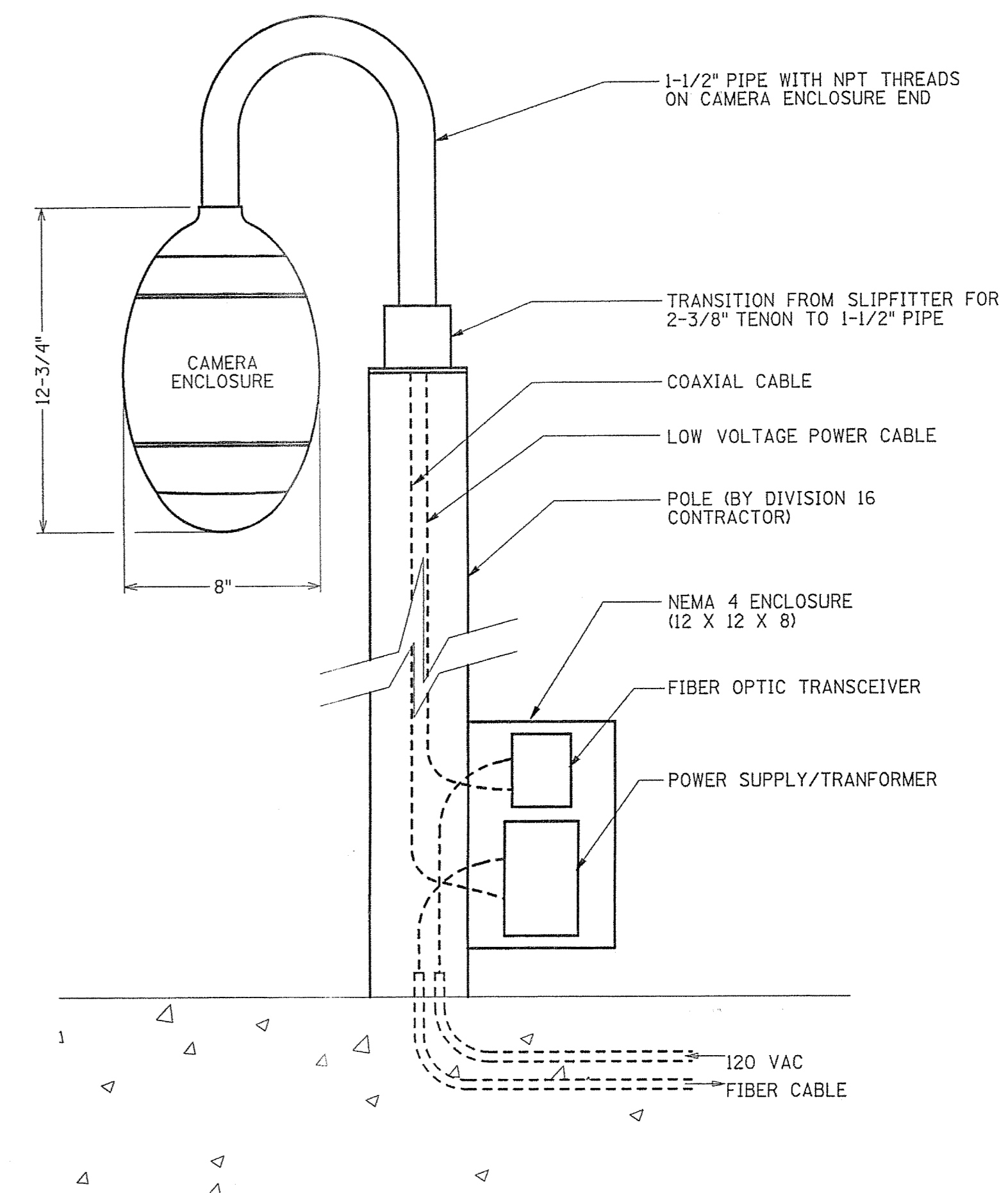
DESIGNED PLG	DRAWN RSE	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED PLG		REFERENCE ELECTRICAL
COMM. NO. 201087.10		TITLE RISER DIAGRAM - SECURITY SYSTEM
CADD NO. 201087ex01.dgn	DWG. NO. E-9	SHEET NO. 47 OF 48
DATE 10/26/01		REV. 0



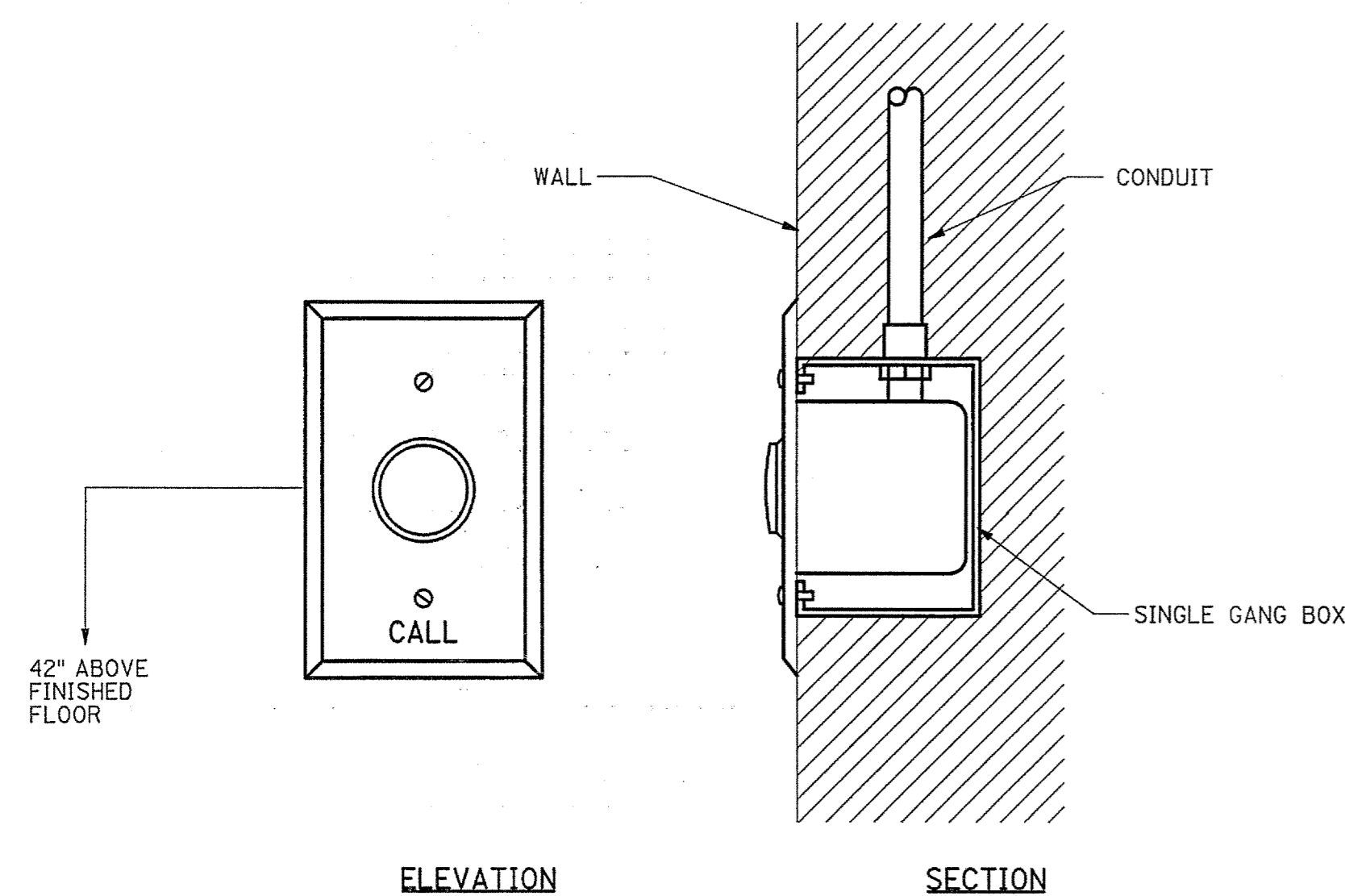
INTERIOR CEILING MOUNTED FIXED CCTV CAMERA
NOT TO SCALE



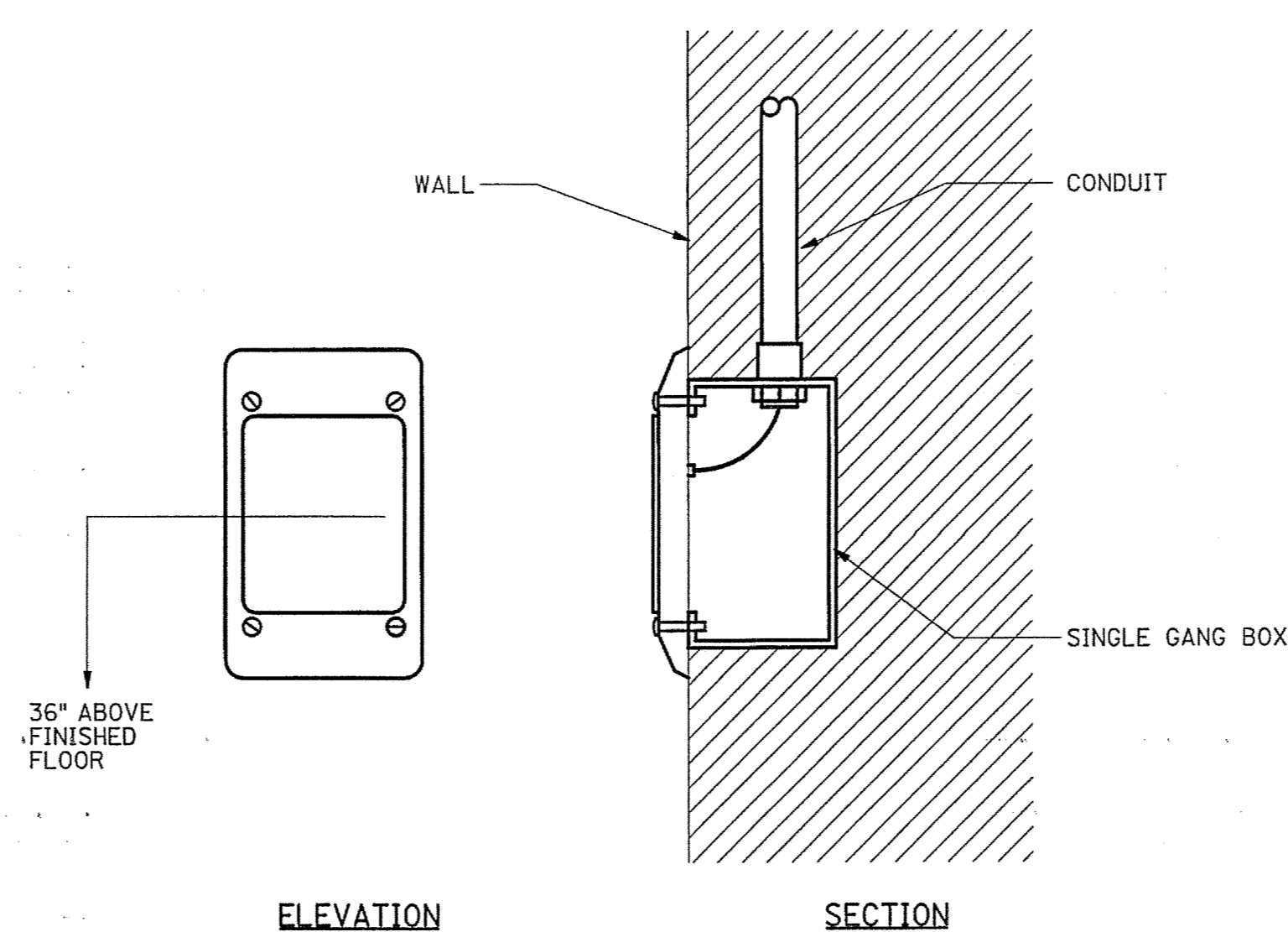
INTERIOR CEILING MOUNTED PTZ CCTV CAMERA
NOT TO SCALE



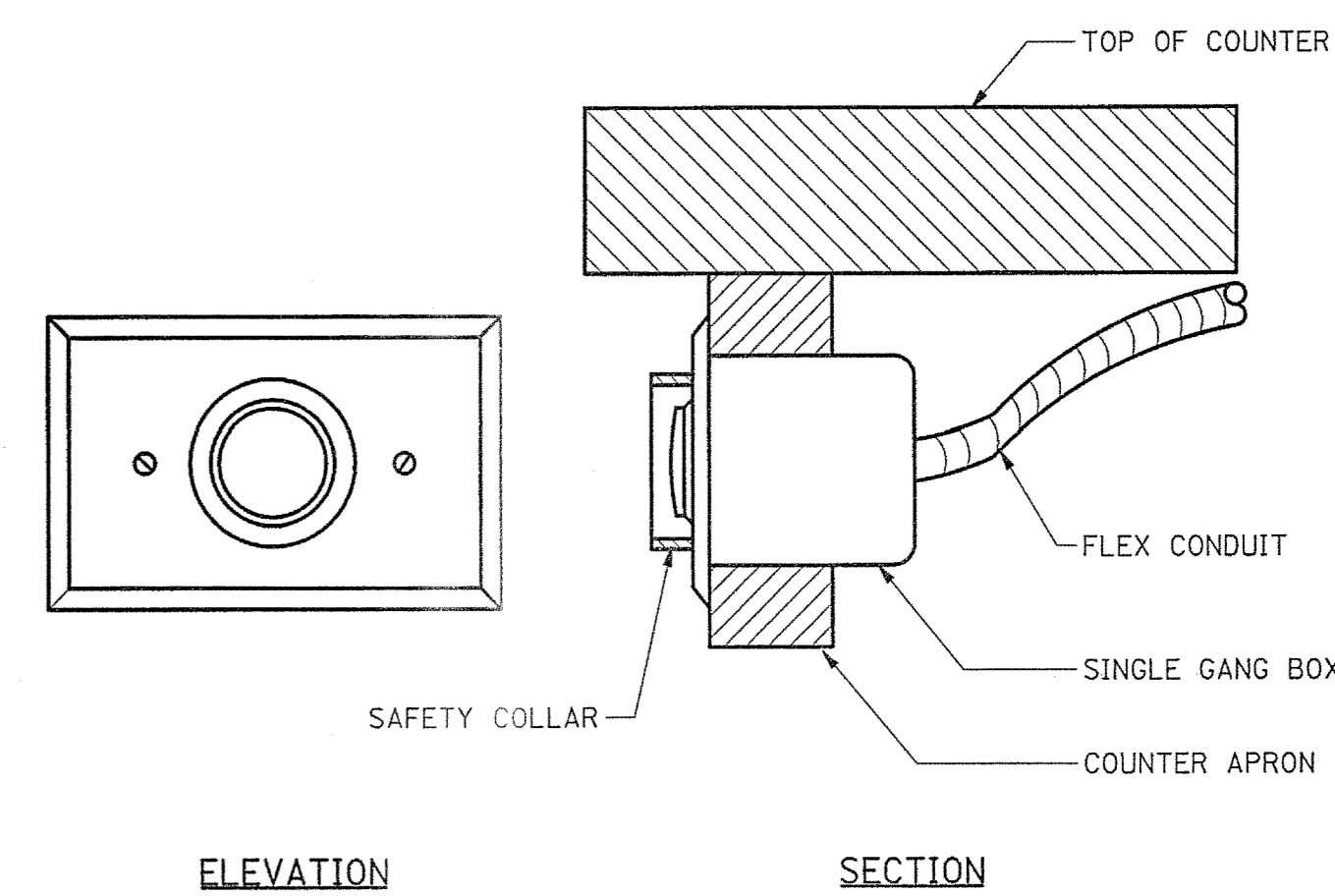
IMPOUNDMENT LOT POLE MOUNTED CAMERA
NOT TO SCALE



**WALL MOUNTED PUSH BUTTON
PANIC/DURESS BUTTON**
NOT TO SCALE

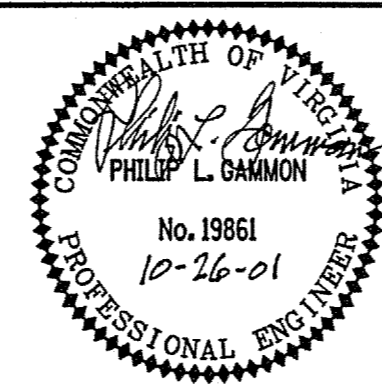


CARD READER
NOT TO SCALE



**UNDER COUNTER LOCAL
DOOR CONTROL PUSH BUTTON**
NOT TO SCALE

REV.	DATE	BY	APP.	DESCRIPTION



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2310 LANGHORNE ROAD LYNCHBURG, VIRGINIA
24505-0877

DESIGNED PLG	DRAWN HDB	PROJECT FLUVANNA COUNTY NEW PUBLIC SAFETY BUILDING FLUVANNA COUNTY, VA
CHECKED PLG		REFERENCE ELECTRICAL
COMM. NO. 201087.10		TITLE DETAILS - SECURITY SYSTEM
CADD NO. 201087ex02.dgn		DWG. NO. E-10
DATE 10/26/01		SHEET NO. 48 OF 48
		REV. 0