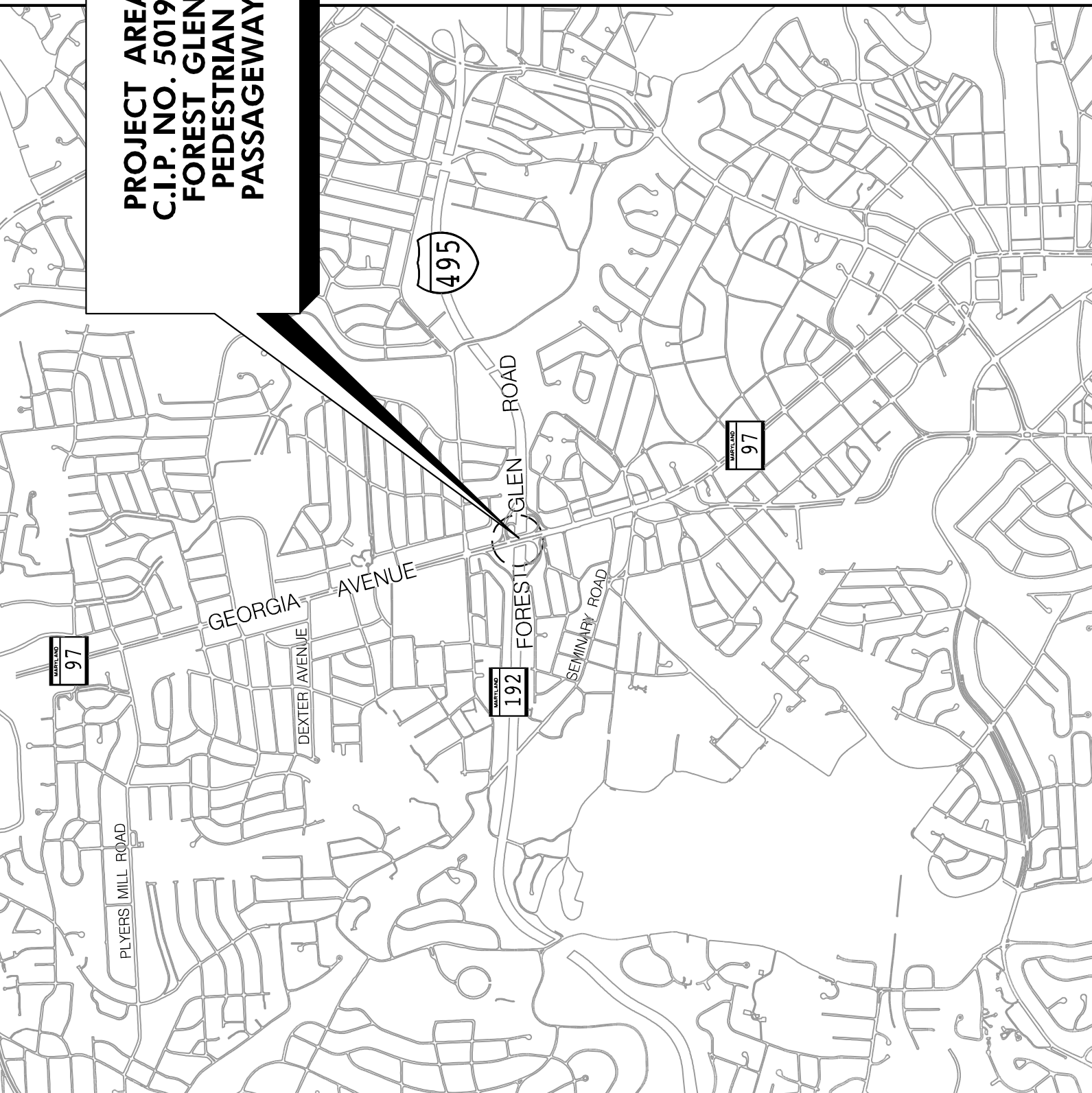
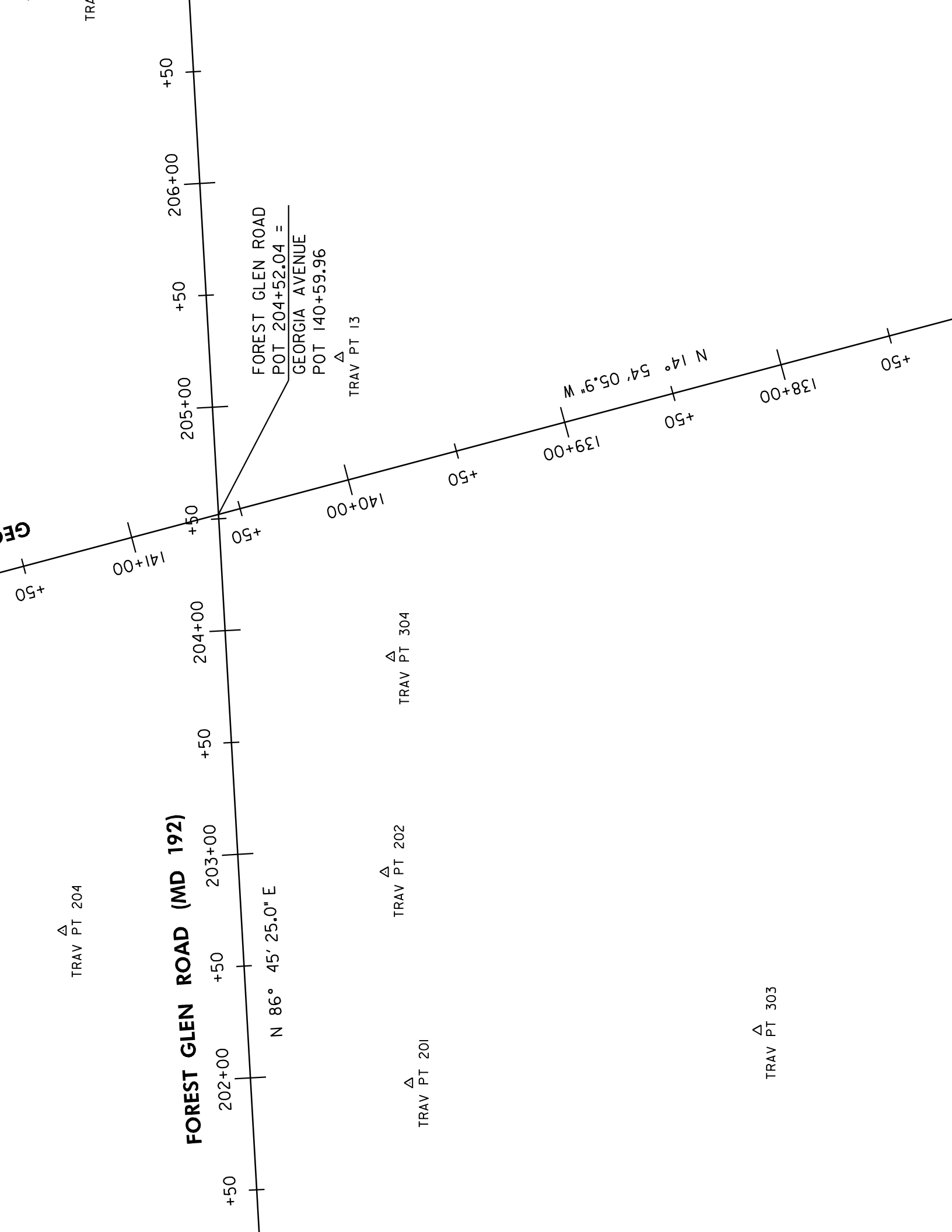


PROJECT AREA
C.I.P. NO. 501911
FOREST GLEN
PEDESTRIAN
PASSAGEWAY



NAD 83/91
NAVD 88





1. REMOVE EXISTING RAISED MEDIAN ON EASTERN LEG OF MD 192 AND REPLACE WITH TEMPORARY ASPHALT PAVEMENT. UTILIZE LEFT LANE CLOSURE PER SHA STD. NO. MD 104.04-04.

ALL BE 150 FEET (MIN.)

2. IMPLEMENT LEFT LANE CLOSURE ALONG EASTBOUND MD 192 WITH MAINTENANCE OF TRAFFIC DEVICES AND SIGNS PER THE MAINTENANCE OF TRAFFIC PLANS. REFER TO SHEET DWG. MT-04. DETOUR PEDESTRIANS TO THE EAST LEG CROSSWALK AT THE INTERSECTION OF FOREST GLEN ROAD AND GEORGIA AVENUE PER PEDESTRIAN DETOUR SHOWN ON SHEET MT-07. CONSTRUCT SEGMENT 3 OF 7 OF THE TEMPORARY DECKOVER SYSTEM. AT THE END OF EACH WORK PERIOD, REMOVE LANE CLOSURE(S) TRAFFIC CONTROL DEVICES AND REOPEN TRAVEL LANE(S).

REMOVED WITHIN THE LIMITS OF
COVERED WITH BLACKOUT TAPE

PHASE 2B

1. IMPLEMENT LEFT LANE CLOSURE ALONG EASTBOUND MD 192 AND IMPLEMENT RIGHT LANE CLOSURES ALONG WESTBOUND MD 192 AND SOUTHBOUND MD 97 WITH MAINTENANCE OF TRAFFIC DEVICES AND SIGNS PER THE MAINTENANCE OF TRAFFIC PLANS. REFER TO SHEET DWG. MT-05. DETOUR PEDESTRIANS TO THE EAST LEG CROSSWALK AT THE INTERSECTION OF FOREST GLEN ROAD AND GEORGIA AVENUE PER PEDESTRIAN DETOUR SHOWN ON SHEET MT-07. CONSTRUCT SEGMENT 4 OF 7 OF THE TEMPORARY DECKOVER SYSTEM. AT THE END OF EACH WORK PERIOD, REMOVE LANE CLOSURE(S) TRAFFIC CONTROL DEVICES AND REOPEN TRAVEL LANE(S).

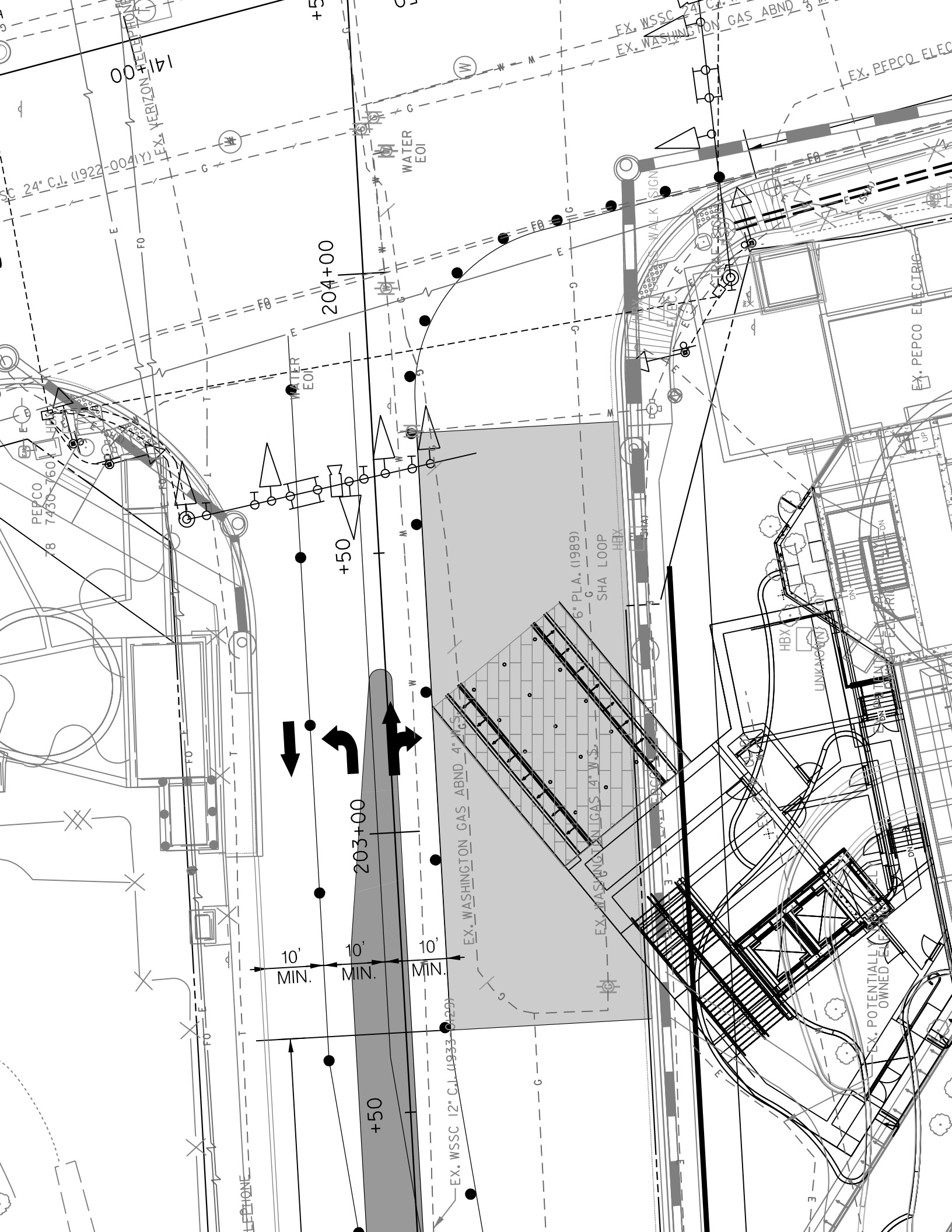
PHASE 3

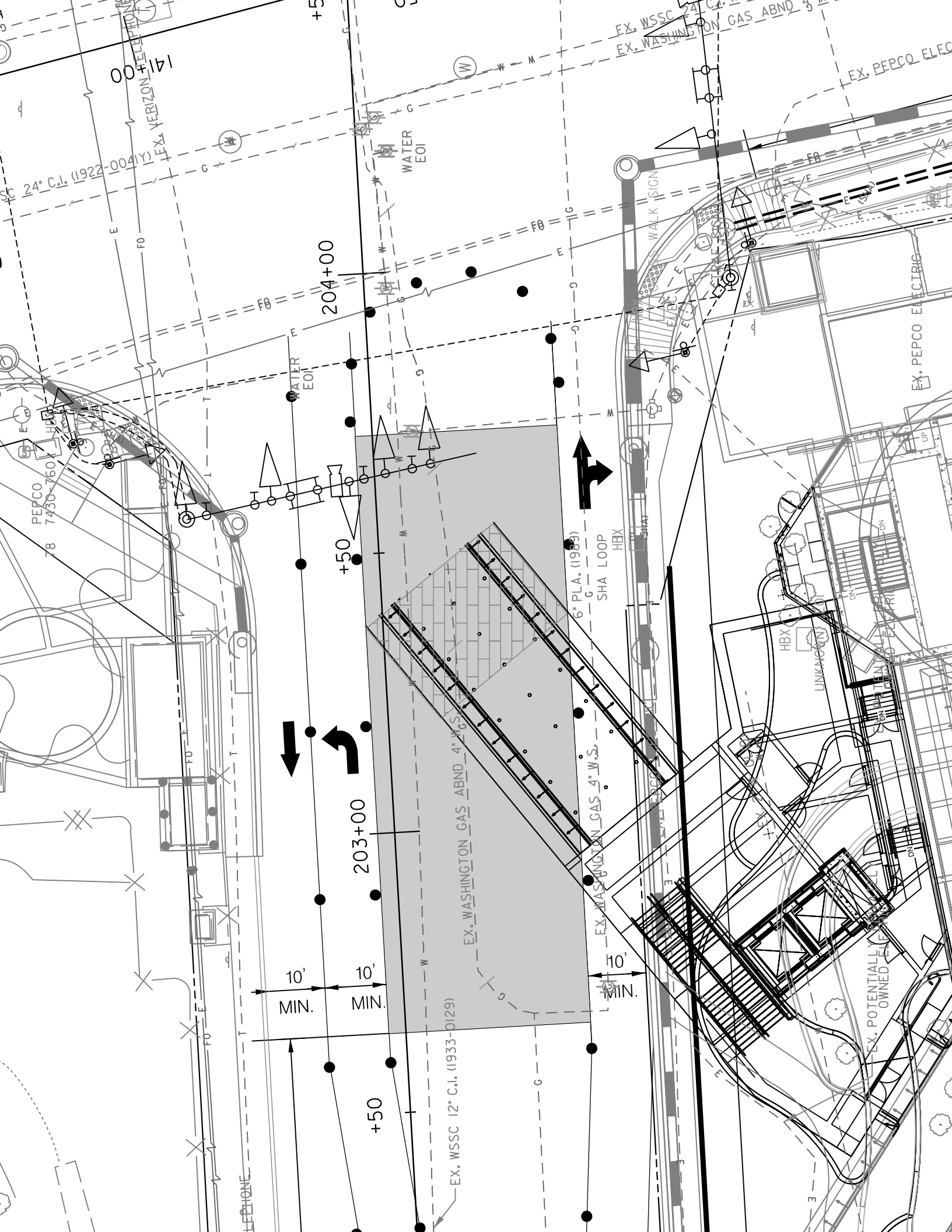
1. IMPLEMENT LEFT LANE CLOSURE ALONG EASTBOUND MD 192 AND IMPLEMENT RIGHT LANE CLOSURES ALONG WESTBOUND MD 192 AND SOUTHBOUND MD 97 WITH MAINTENANCE OF TRAFFIC DEVICES AND SIGNS PER THE MAINTENANCE OF TRAFFIC PLANS. REFER TO SHEET DWG. MT-06. DETOUR PEDESTRIANS TO THE SOUTH LEG CROSSWALK AT THE INTERSECTION OF FOREST GLEN ROAD AND GEORGIA AVENUE PER PEDESTRIAN DETOUR SHOWN ON SHEET MT-07. CONSTRUCT SEGMENT 5 OF 7 OF THE TEMPORARY DECKOVER SYSTEM. AT THE END OF EACH WORK PERIOD, REMOVE LANE CLOSURE(S) TRAFFIC CONTROL DEVICES AND REOPEN TRAVEL LANE(S).

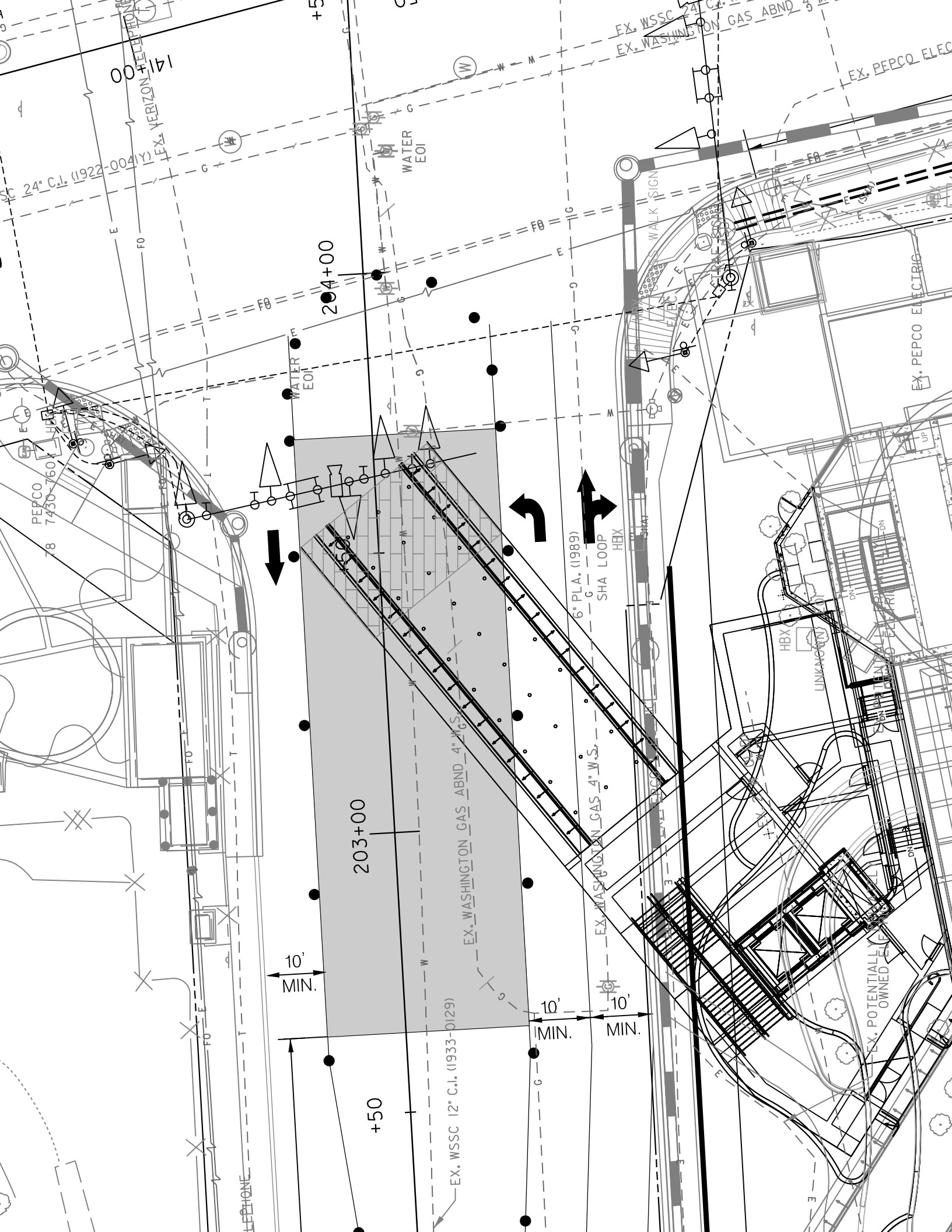
PHASE 4

1. RECONSTRUCT MEDIANS ALONG MD 192. UTILIZE LEFT LANE CLOSURE PER SHA STD. NO. MD 104.04-04.

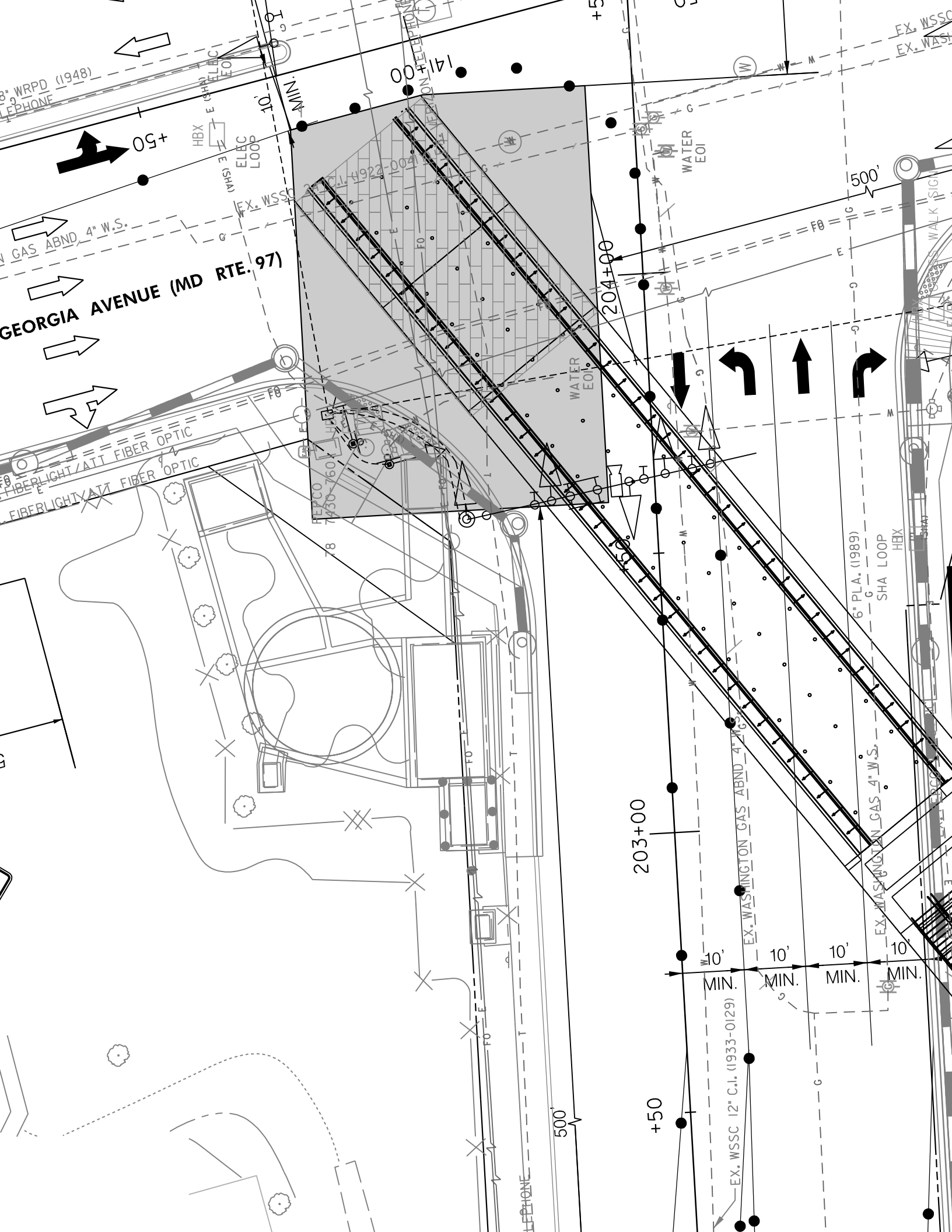
2. IMPLEMENT LEFT LANE CLOSURE ALONG NORTHBOUND AND SOUTHBOUND MD 97 WITH MAINTENANCE OF TRAFFIC DEVICES AND SIGNS PER THE MAINTENANCE OF TRAFFIC PLANS. REFER TO SHEET DWG. MT-07. DETOUR PEDESTRIANS TO THE SOUTH LEG CROSSWALK AT THE INTERSECTION OF FOREST GLEN ROAD AND GEORGIA AVENUE PER PEDESTRIAN DETOUR SHOWN ON SHEET MT-07. CONSTRUCT SEGMENT 6 OF 7 OF THE TEMPORARY DECKOVER SYSTEM. AT THE END OF EACH WORK PERIOD, REMOVE LANE CLOSURE(S) TRAFFIC CONTROL DEVICES AND REOPEN TRAVEL LANE(S).

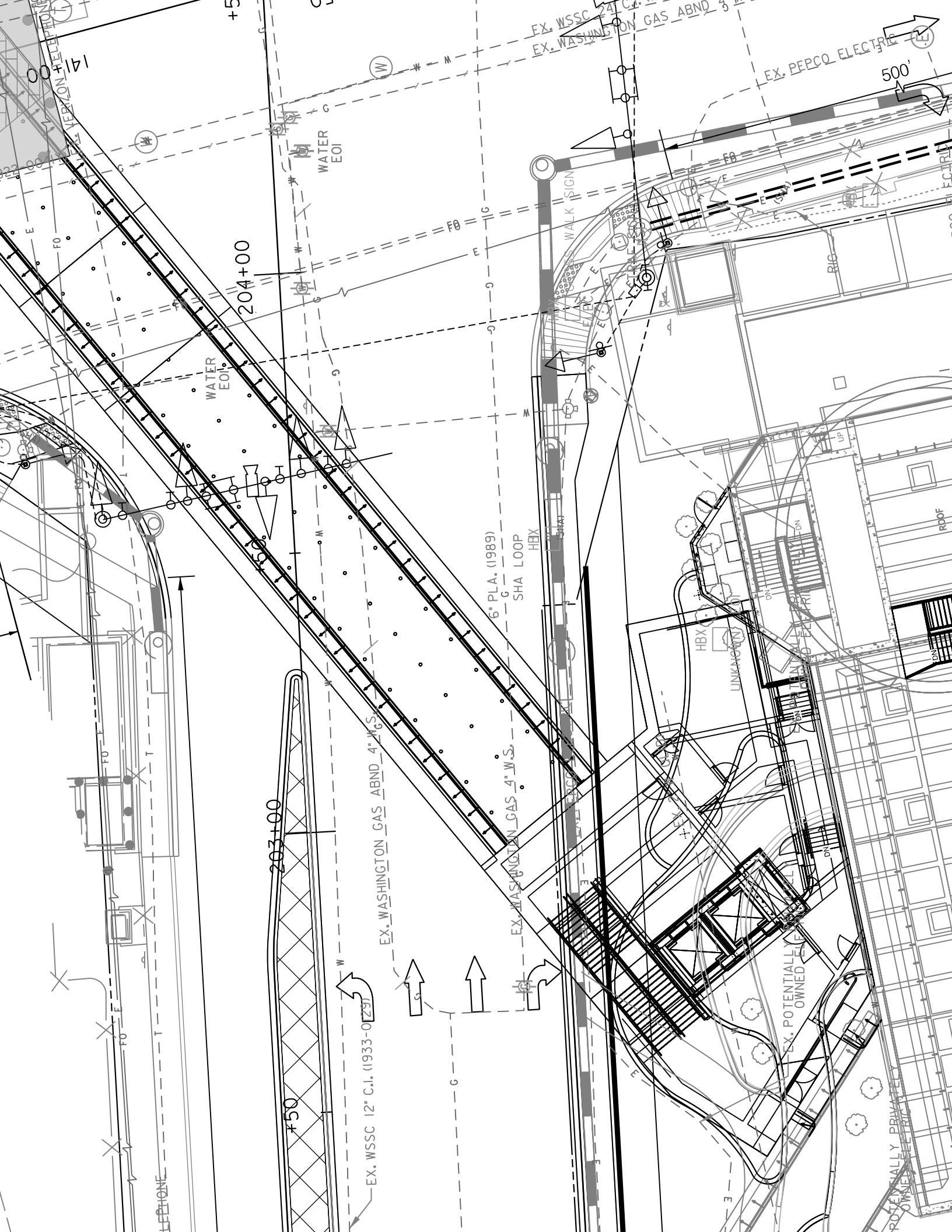


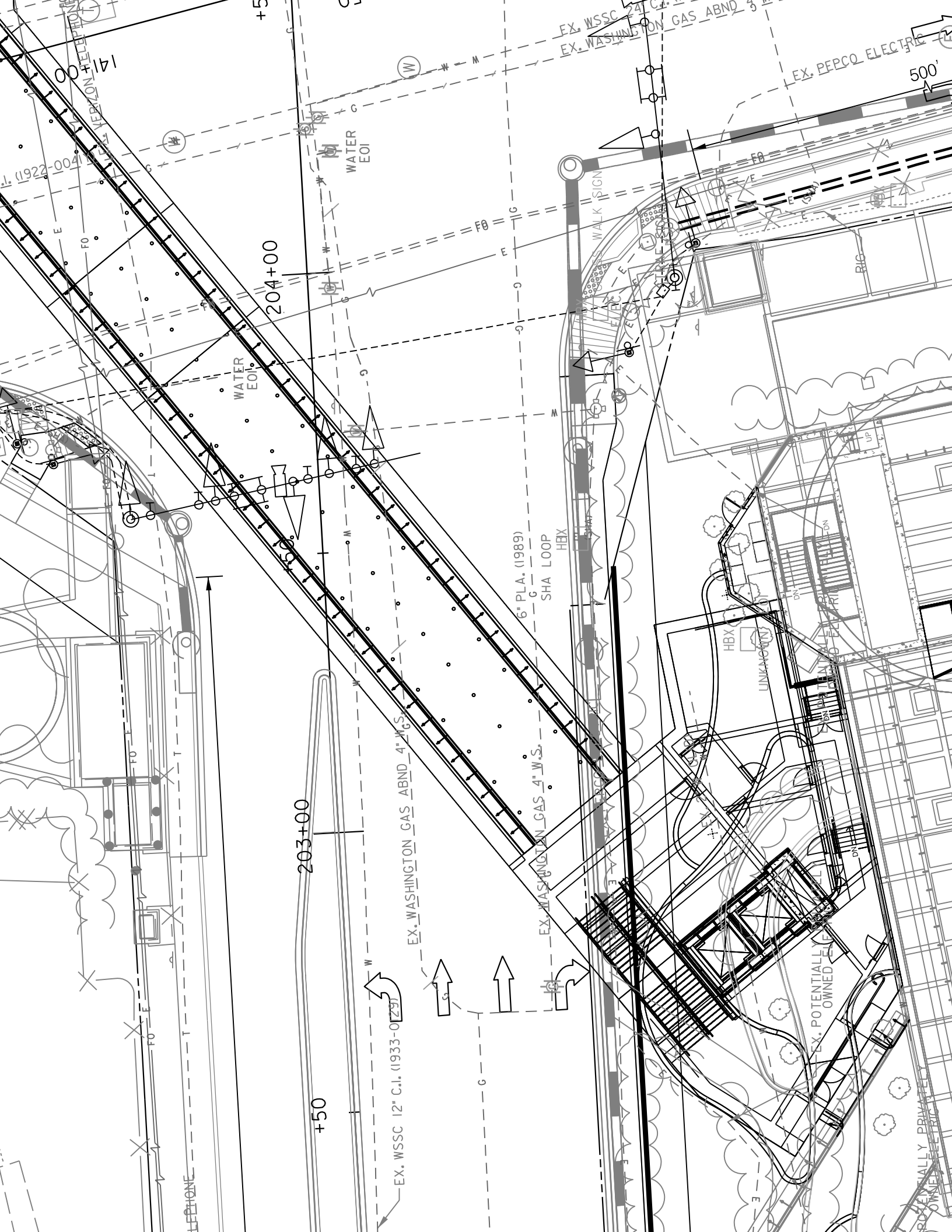




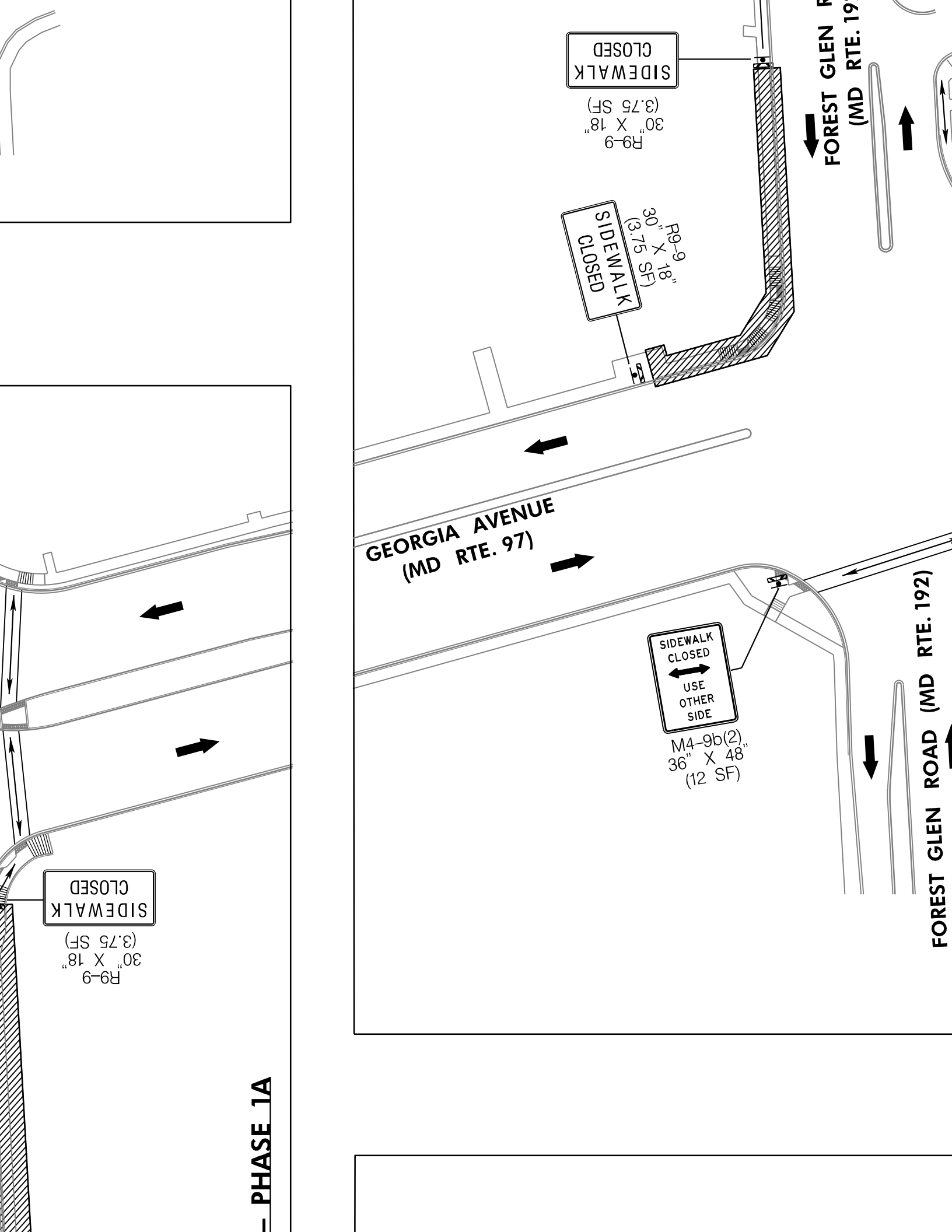






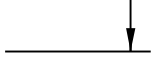


PHASE 1A





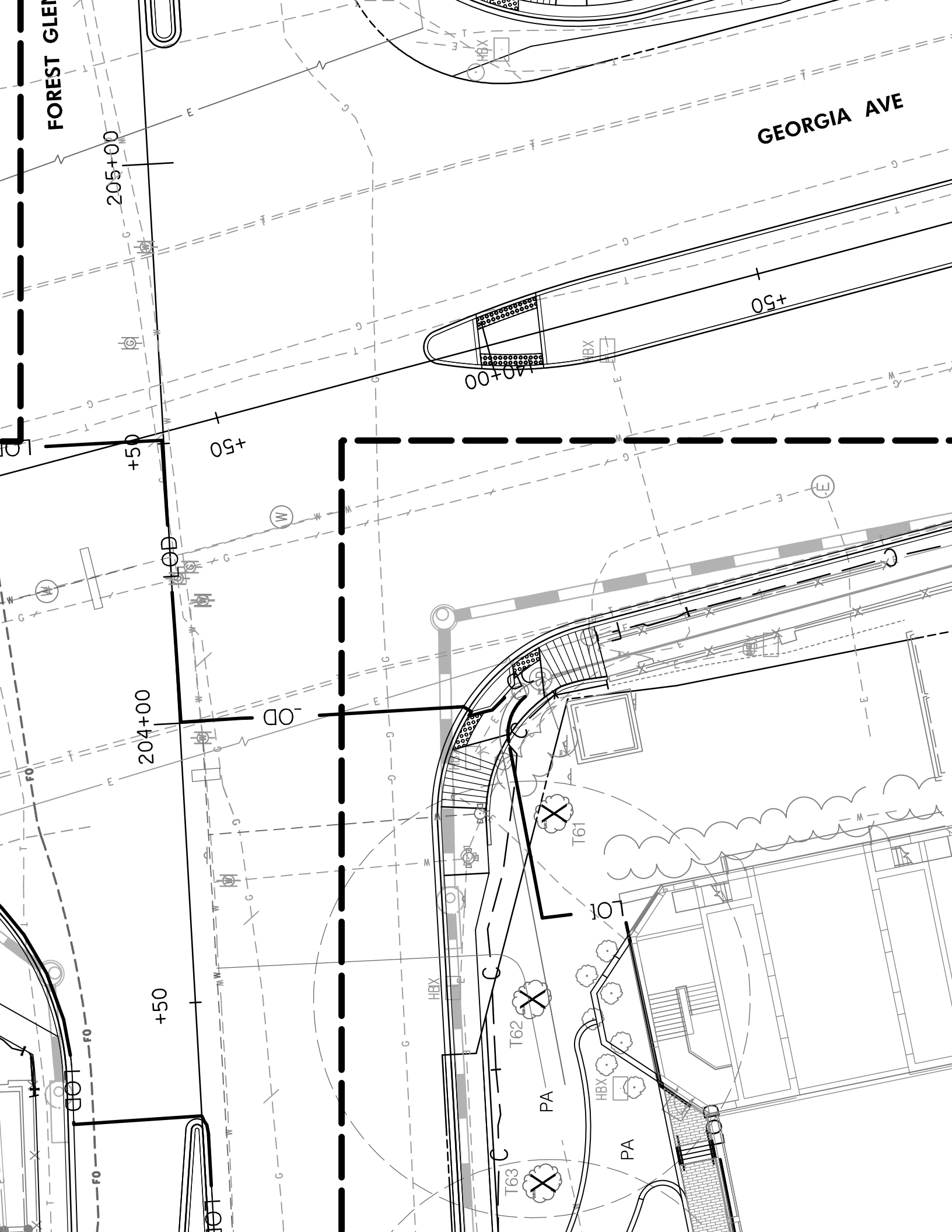




NOTES

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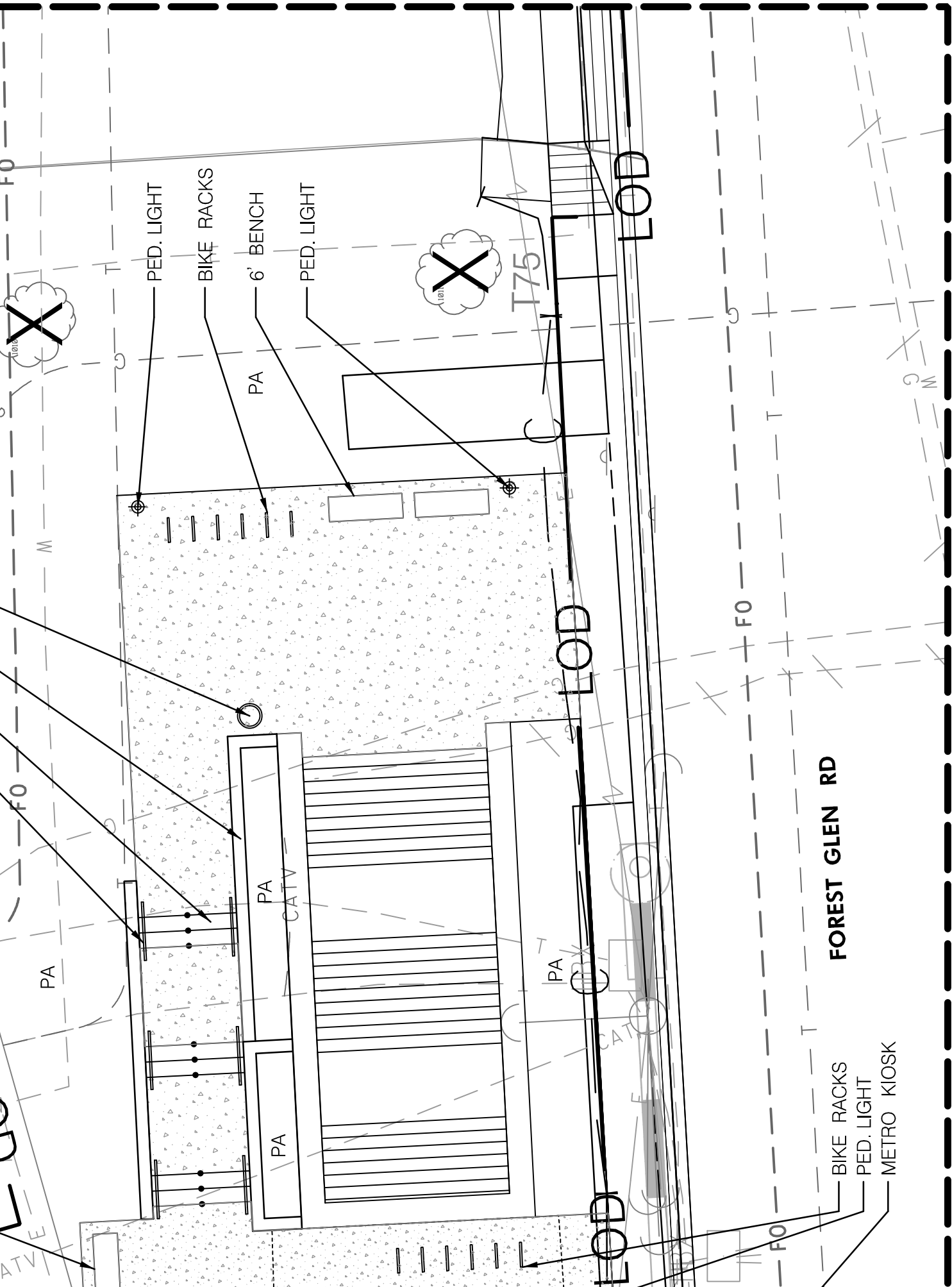
Source: A





— PROPOSED BRICK WALL (REFER TO ARCH PLANS)

— EX. BRICK WALL TO REMAIN (REFER TO ARCH PLANS)

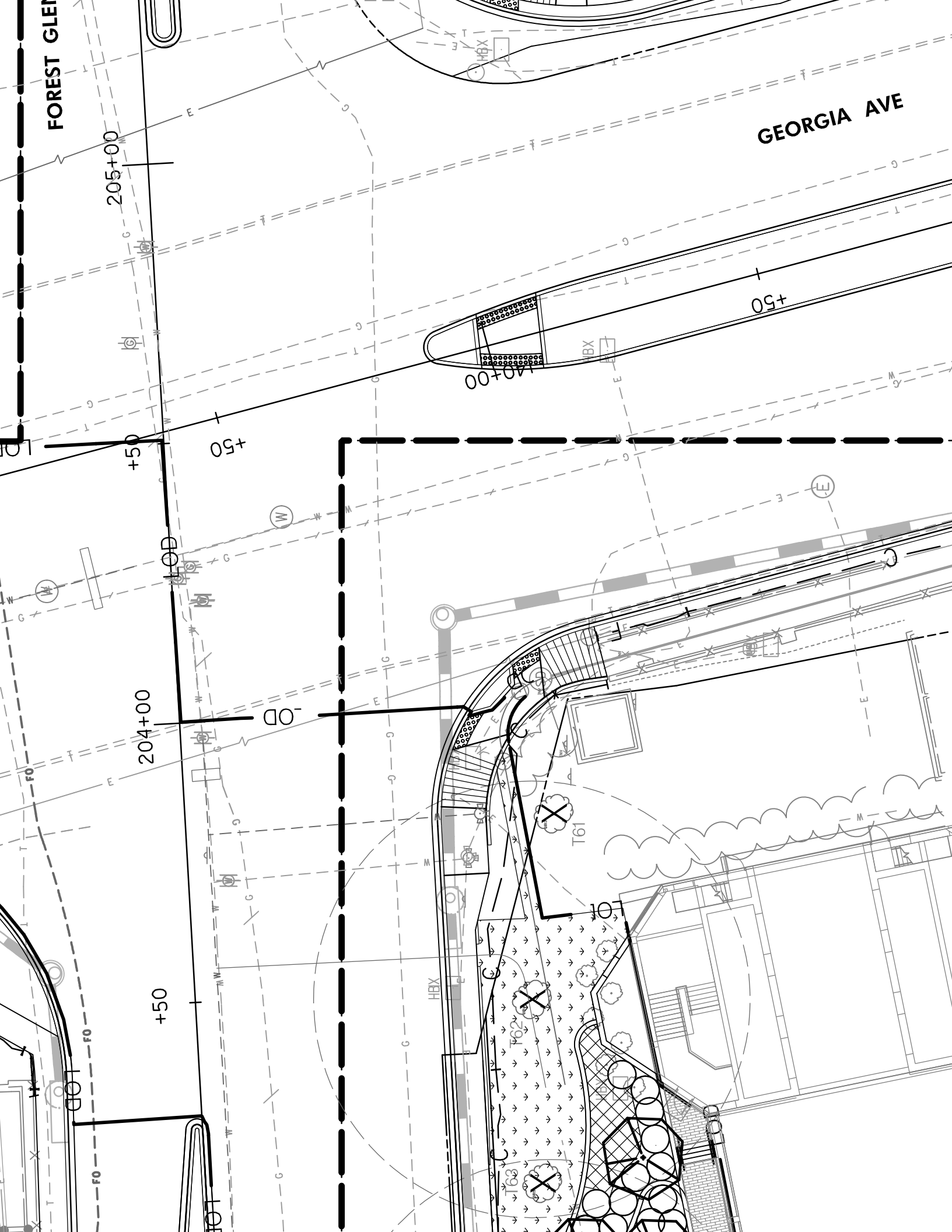


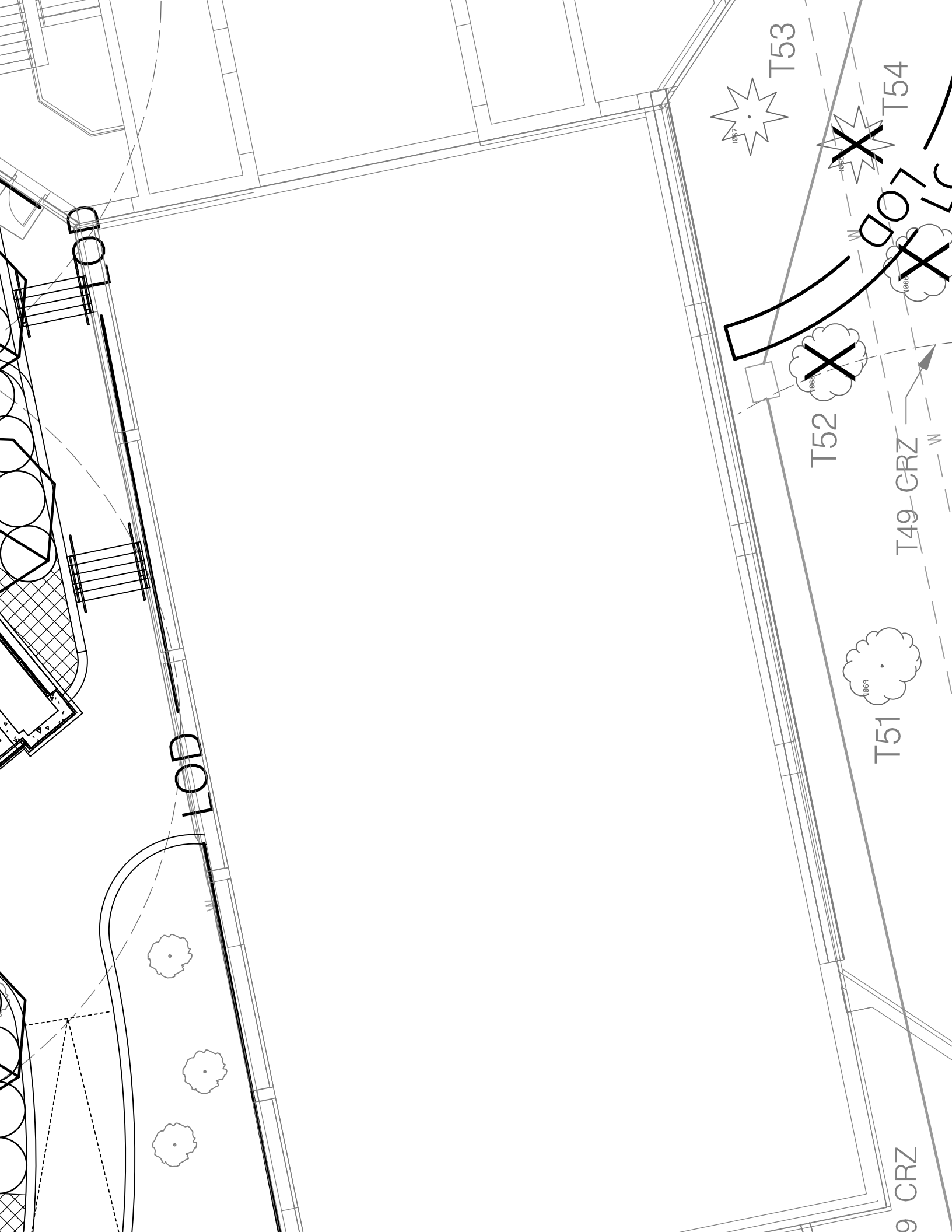
FOREST GLEN RD

BIKE RACKS
PED. LIGHT
METRO KIOSK

FOREST GLEN

GEORGIA AVE





LOD

T52

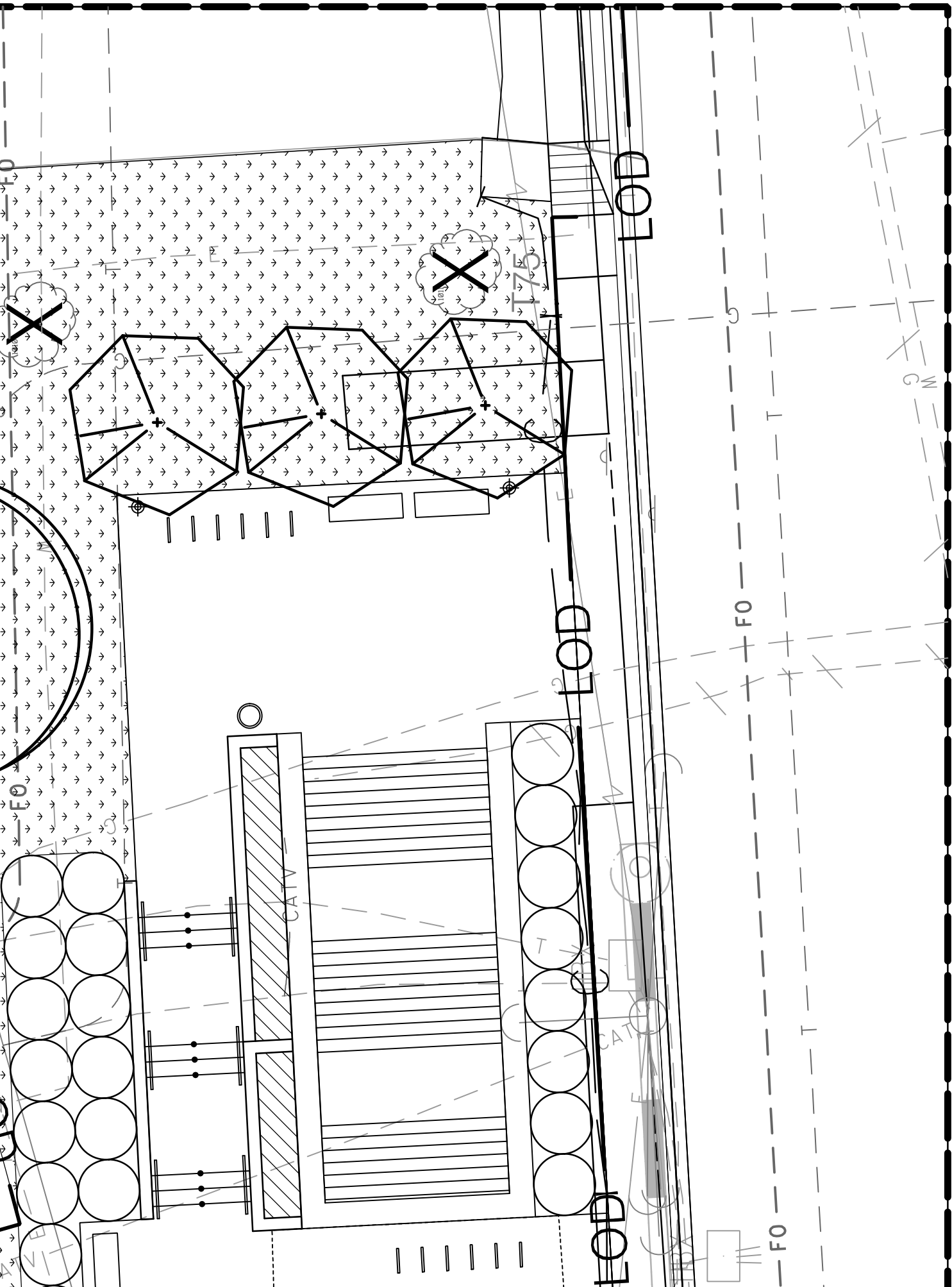
T53

T54

T51

T49 CRZ

9 CRZ



REINFORCING BARS SHALL BE IN ACCORDANCE WITH TABLE SHOWN BELOW:

REINFORCING SPLICE AND DEVELOPMENT LENGTHS (INCHES)										
	BAR #3	BAR #4	BAR #5	BAR #6	BAR #7	BAR #8	BAR #9	BAR #10	BAR #11	
Ld	14	19	24	29	42	48	54	61	67	
TOP BAR Ld	18	25	31	37	54	62	70	79	87	
Ls	18	25	31	37	54	62	70	79	87	
TOP BAR Ls	23	32	40	48	70	81	91	103	113	

Ld=DEVELOPMENT LENGTH

Ls=SPLICE LENGTH

NOTE: TOP BARS ARE DEFINED AS BARS IN BEAMS OR SLABS HAVING MORE THAN 12" OF FRESH CONCRETE CAST BELOW BAR.

8. STRUCTURAL STEEL:

A. MATERIALS SHALL CONFORM TO THE FOLLOWING:

- W-, C-, AND L-SHAPES ASTM A992 GRADE 50
- PLATES ASTM A36
- TUBES ASTM A500 GRADE B
- STRUCTURAL BOLTS ASTM F3125 GRADE A325 TYPE 1
- ANCHOR BOLTS ASTM F1554 GRADE 55

B. THE CONTRACTOR SHALL SUBMIT ERECTION PLANS AND SHOP DETAILS BEFORE PROCEEDING WITH FABRICATION.

C. MILL BOTTOM OF ALL COLUMNS AND FINISH TOP OF ALL BASE PLATES IN ACCORDANCE WITH AISC SPECIFICATIONS. BASE PLATES SHALL BE WELDED TO BOTTOM OF COLUMNS.

D. 1/4" THICK LEVELING PLATES SHALL BE USED UNDER ALL BEAMS AND COLUMNS RESTING ON CONCRETE.

E. ALL SHOP CONNECTIONS SHALL BE WELDED WITH ELECTRODES AS SPECIFIED. ALL FIELD CONNECTIONS SHALL BE HIGH STRENGTH BOLTED JOINTS, TYPE ST, EXCEPT WHERE NOTED. BOLTS SHALL BE GRADE A325 TYPE 1.

F. ELECTRODES FOR WELDING CONNECTIONS SHALL BE AS FOLLOWS:

- SHIELDED METAL ARC E70XX
- SUBMERGED ARC F7X-EXXX

G. CONNECTION DETAILS SHALL BE DESIGNED AND SUBMITTED ON SHOP DRAWINGS BY THE CONTRACTOR AND ACCOMPANIED BY COMPLETE STRUCTURAL CALCULATIONS PREPARED AND SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF MARYLAND.

H. UNLESS NOTED OTHERWISE, ALL ANCHOR BOLTS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153.

I. ALL GROUT UNDER STEEL MEMBERS SHALL BE NON-SHRINK "PRE-MIX" TYPE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI, UNLESS OTHERWISE NOTED OR SPECIFIED.

J. STEEL TEMPLATES SHALL BE USED TO SET ANCHOR BOLTS PLUMB AND MAINTAIN PROPER LOCATIONS WHEN PLACING CONCRETE.

9. MASONRY:

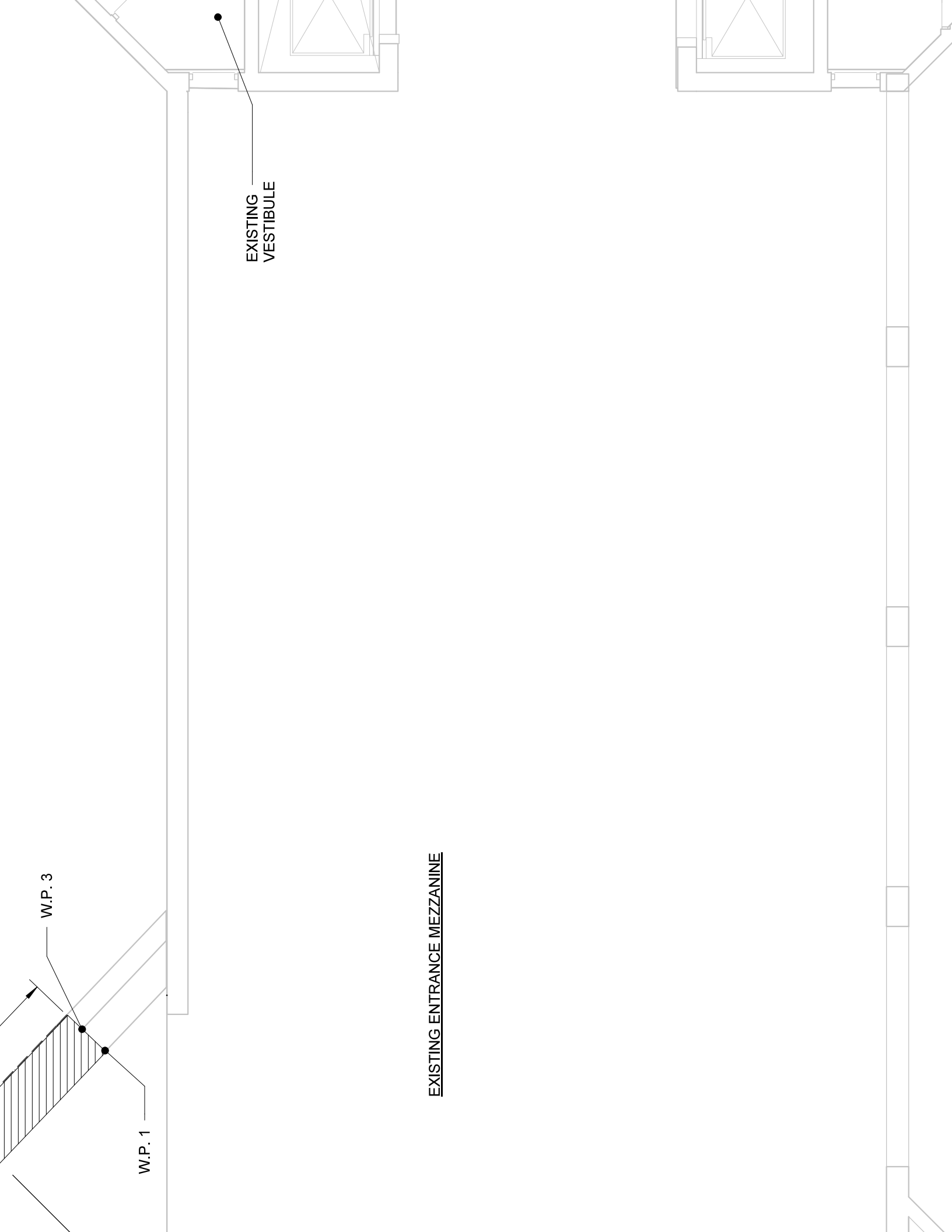
A. MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530-16/ASCE 5-13.

B. CONTRACTOR IS RESPONSIBLE FOR LATERAL BRACING OF MASONRY WALLS DURING

TS.

CI 318).
EEDED
WITH

FIN.	FINISHED
FT.	FEET
FTG.	FOOTING
GALV.	GALVANIZED
I.B.	INBOUND
I.F.	INSIDE FACE
INT.	INTERIOR
JT.	JOINT
K.O.	KNOCK-OUT
LG.	LONG
LBS.	POUNDS
MAX.	MAXIMUM
MEZZ.	MEZZANINE
MIN.	MINIMUM
NO.	NUMBER
#	NUMBER (REINFORCING)
N.T.S.	NOT TO SCALE
O.B.	OUTBOUND
O.F.	OUTSIDE FACE
OPNG.	OPENING
P _L	PLATE
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
R	RADIUS
SCH.	SCHEDULE
STA.	STATION
STRUCT.	STRUCTURAL
SYMM.	SYMMETRICAL
THK.	THICK
T/	TOP OF
T/R	TOP OF RAIL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W	WIDE FLANGE
W	WIDENING

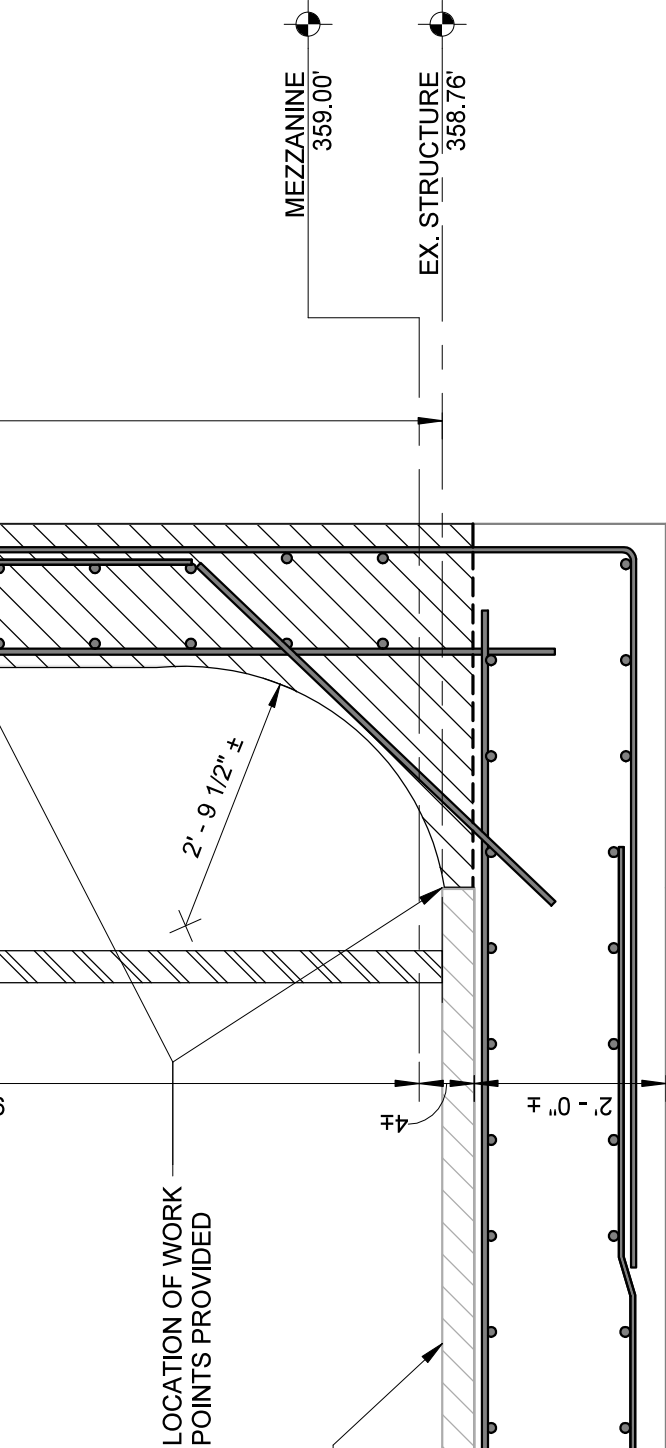


EXISTING
VESTIBULE

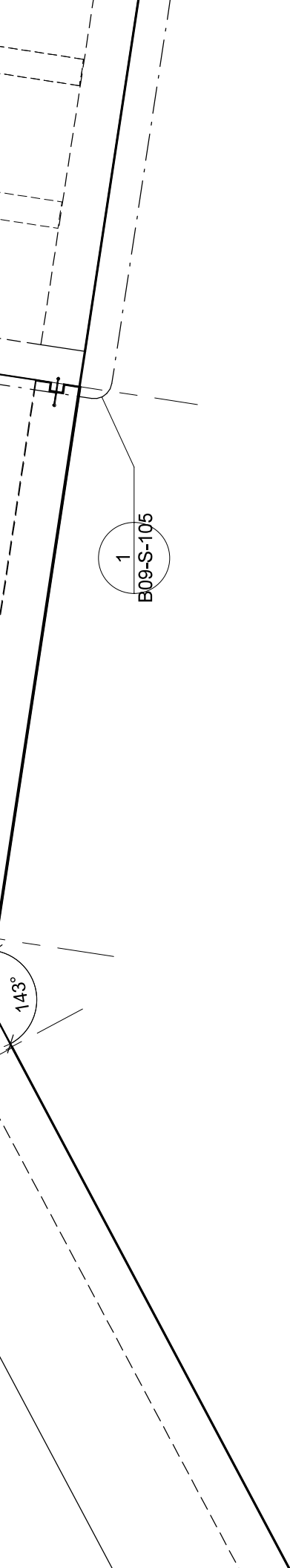
EXISTING ENTRANCE MEZZANINE

W.P. 3

W.P. 1

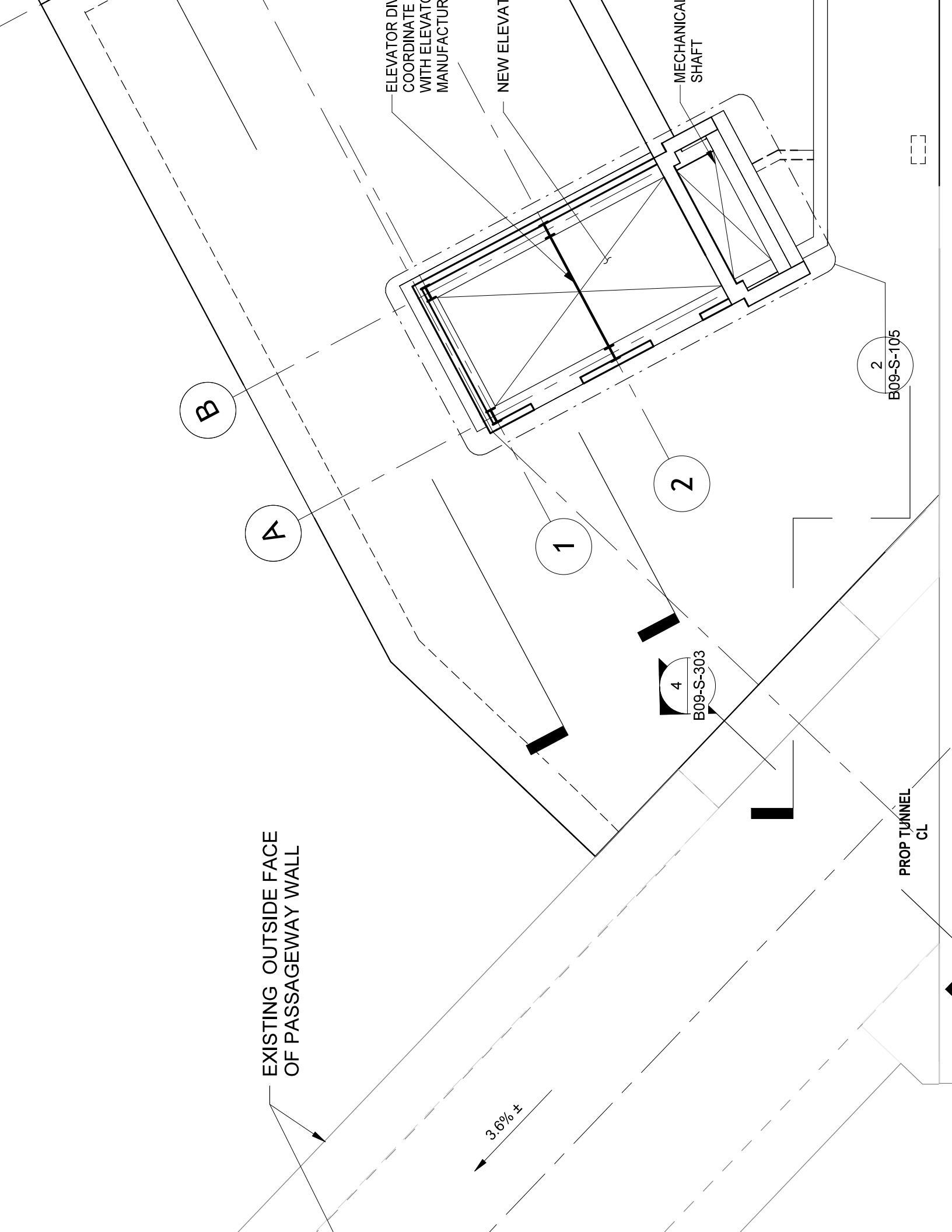


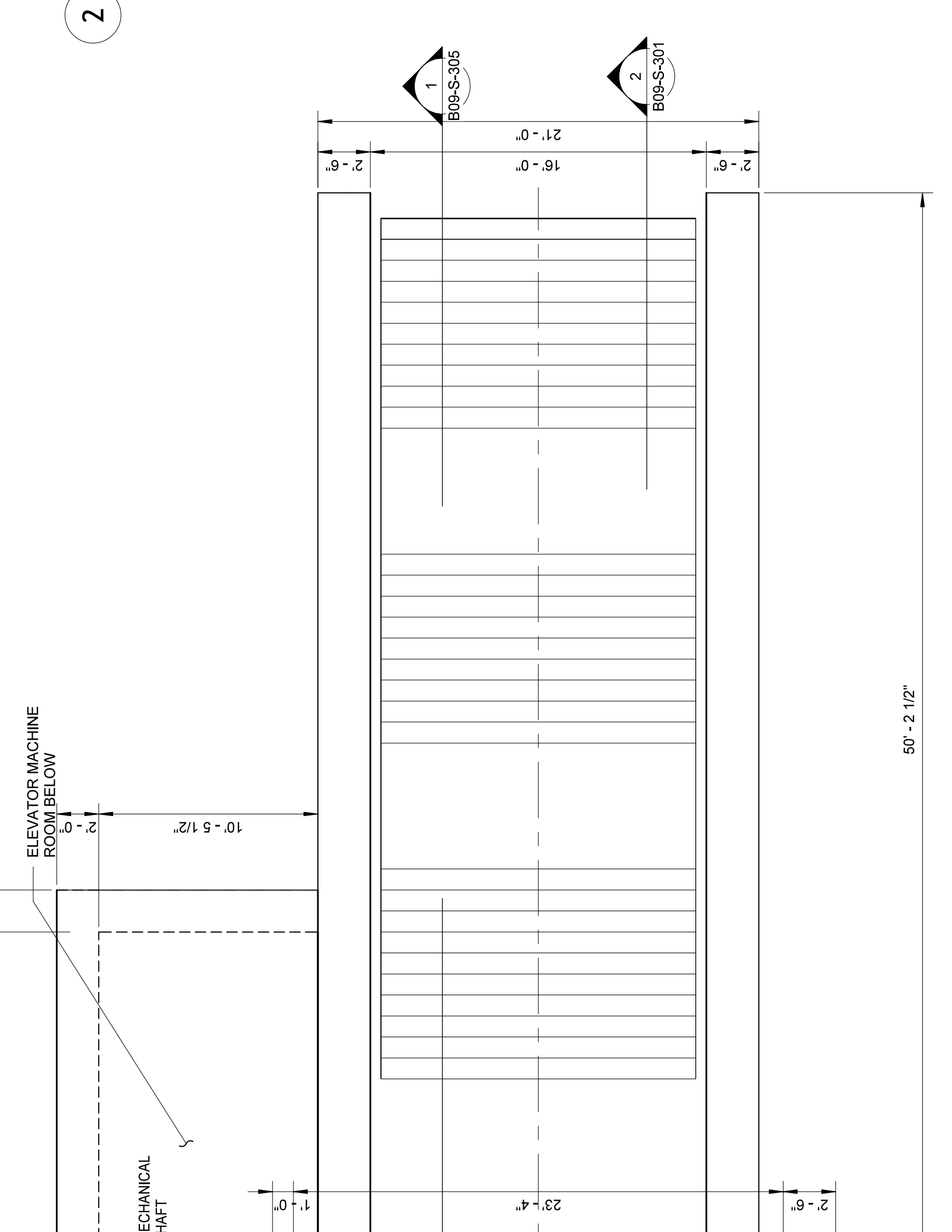
DEMOLITION

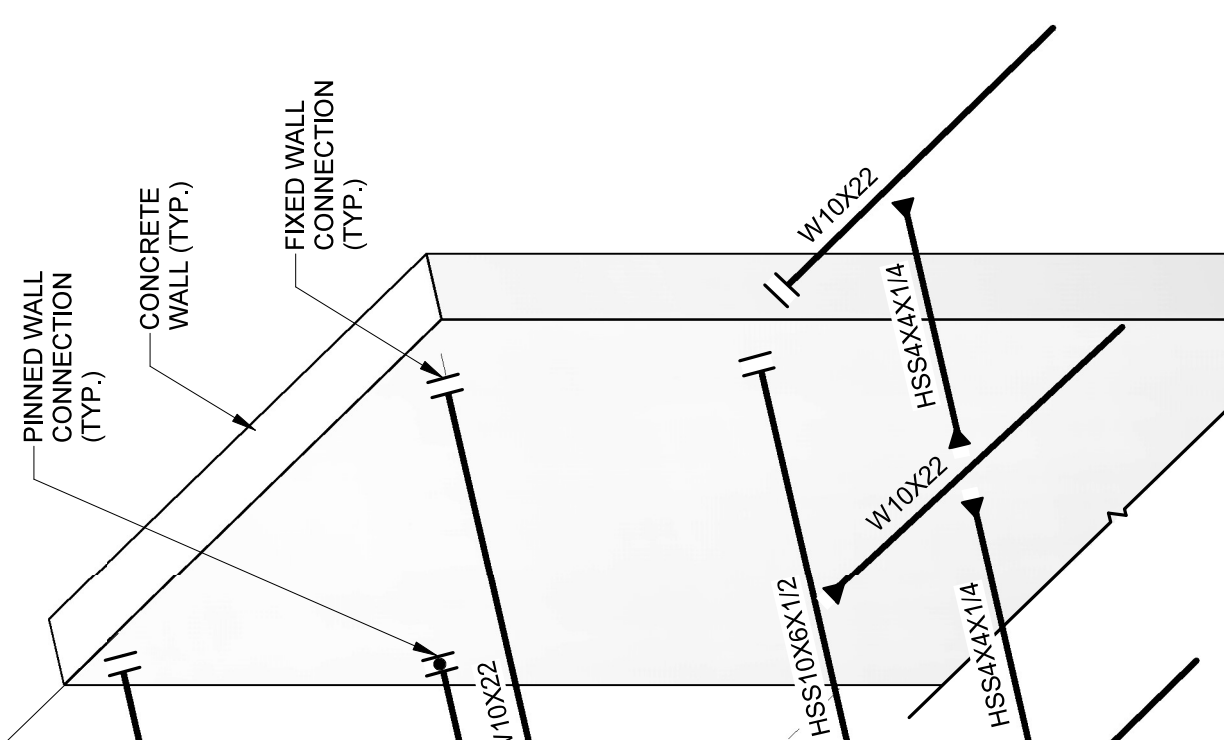


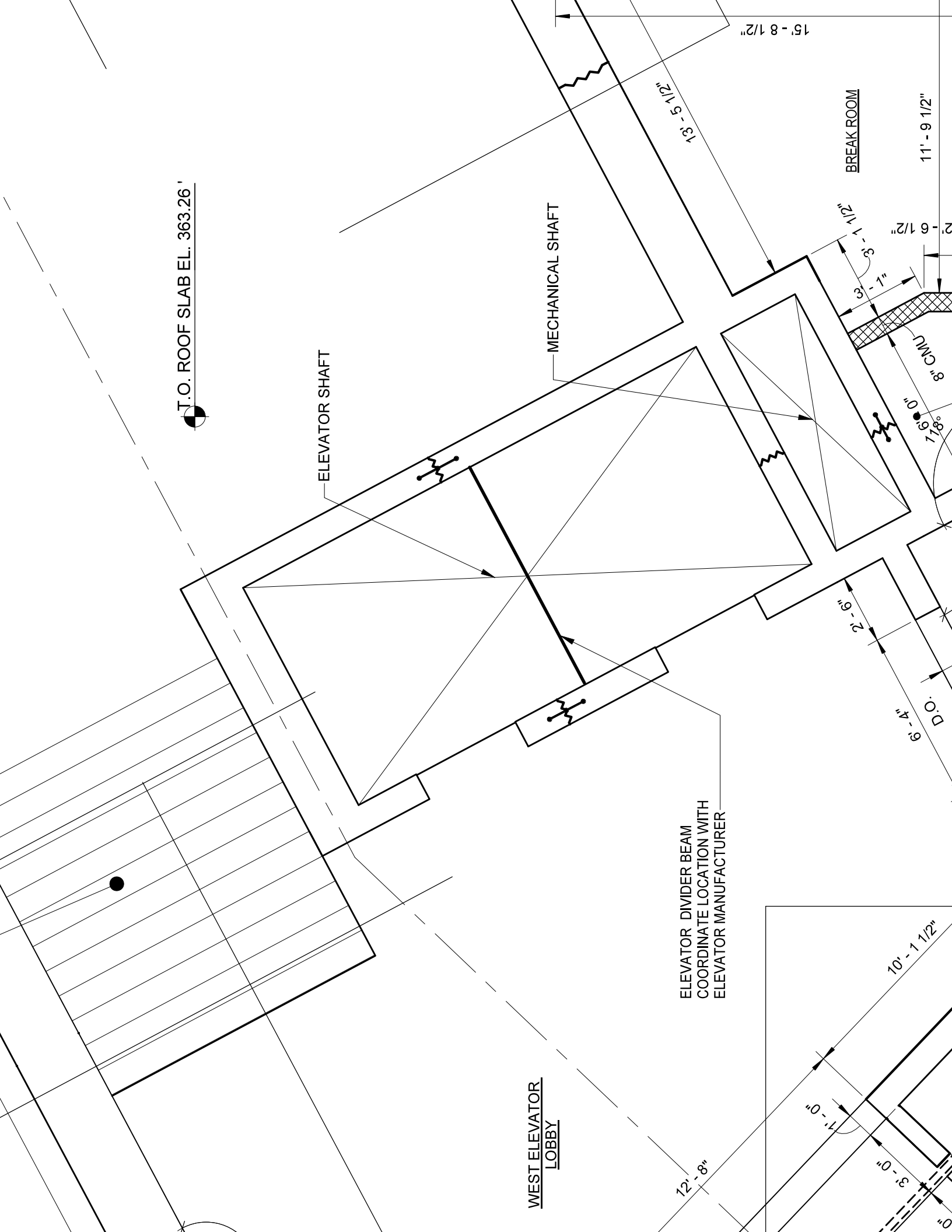
NOTES:

1. STAINLESS STEEL CANOPY AND GLAZING TO BE DESIGNED BY CONTRACTOR IN ACCORDANCE WITH SPECIFICATION SECTION XX. CONCRETE WALLS HAVE BEEN DESIGNED FOR A VERTICAL REACTION OF XX KIPS AND HORIZONTAL REACTION OF XX KIPS AT EACH SUPPORT POINT SHOWN. CONTRACTOR SHALL MAKE A CONCERTED EFFORT TO DESIGN THE CANOPY SUCH THAT THESE REACTIONS ARE NOT EXCEEDED. IN THE EVENT THE REACTIONS ARE EXCEEDED THE CONTRACTOR SHALL SUBMIT CALCULATIONS VERIFYING THE CONCRETE WALLS SUPPORTING THE CANOPY HAVE SUFFICIENT CAPACITY TO CARRY ALL LOADING IMPOSED BY THE CANOPY, EARTH PRESSURE, AND LIVE LOAD SURCHARGE. IF NECESSARY, THE CONTRACTOR SHALL INCREASE REINFORCING AND/OR THE WALL THICKNESS TO COMPLY WITH ALL CODE CHECKS.
2. FOR HEADHOUSE FRAMING DETAILS SEE DWG. S-106.









T.O. ROOF SLABEL. 363.26'

ELEVATOR SHAFT

MECHANICAL SHAFT

ELEVATOR DIVIDER BEAM
COORDINATE LOCATION WITH
ELEVATOR MANUFACTURER

BREAK ROOM

WEST ELEVATOR
LOBBY

10' - 1 1/2"

11' - 9 1/2"

15' - 8 1/2"

13' - 5 1/2"

2' - 6 1/2"

3' - 1 1/2"

8" CMU

178°

6' - 4"

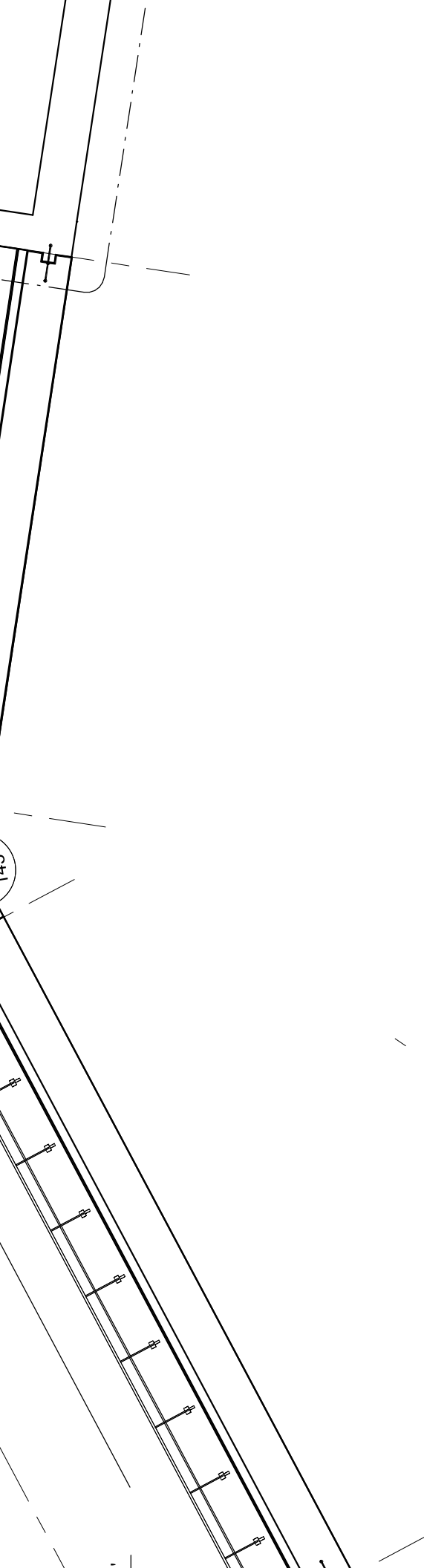
2' - 6"

10' - 1 1/2"

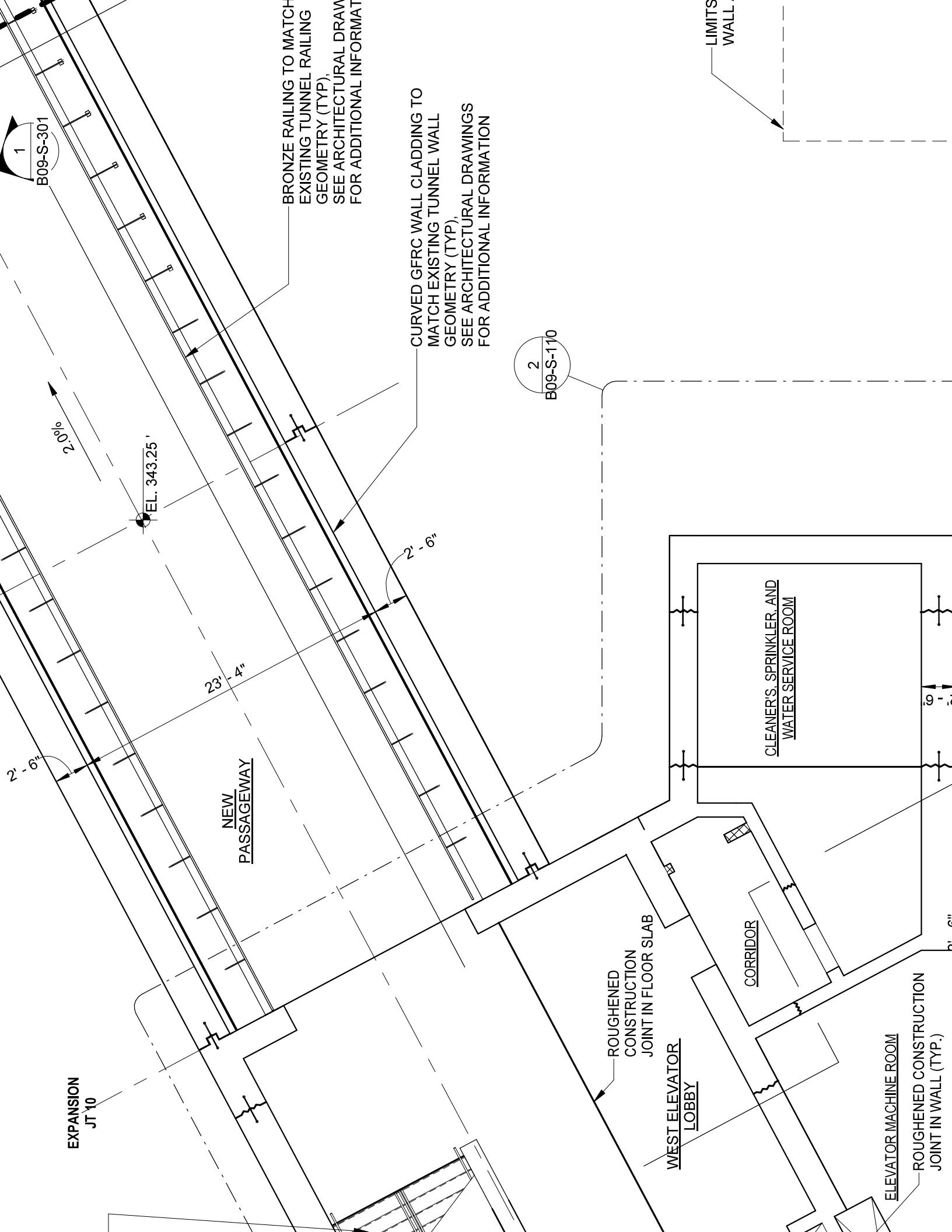
3' - 0"

1' - 0"

12' - 8"



ING TO MATCH
INEL RAILING
YP),
CTURAL DRAWINGS
AL INFORMATION.



1
B09-S-301

2
B09-S-110

EXPANSION
JT 10

EL. 343.25'

NEW
PASSAGEWAY

BRONZE RAILING TO MATCH
EXISTING TUNNEL RAILING
GEOMETRY (TYP).
SEE ARCHITECTURAL DRAWING
FOR ADDITIONAL INFORMATION

CURVED GFRC WALL CLADDING TO
MATCH EXISTING TUNNEL WALL
GEOMETRY (TYP).
SEE ARCHITECTURAL DRAWING
FOR ADDITIONAL INFORMATION

ROUGHENED
CONSTRUCTION
JOINT IN FLOOR SLAB

WEST ELEVATOR
LOBBY

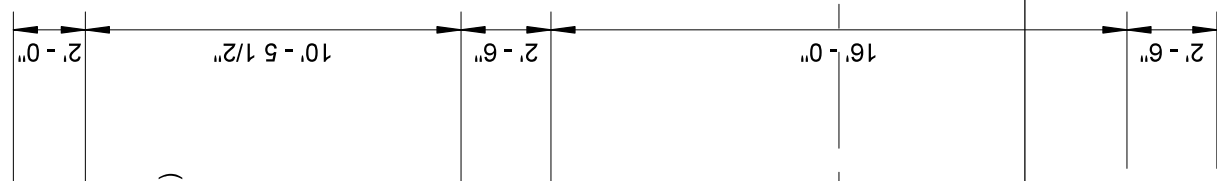
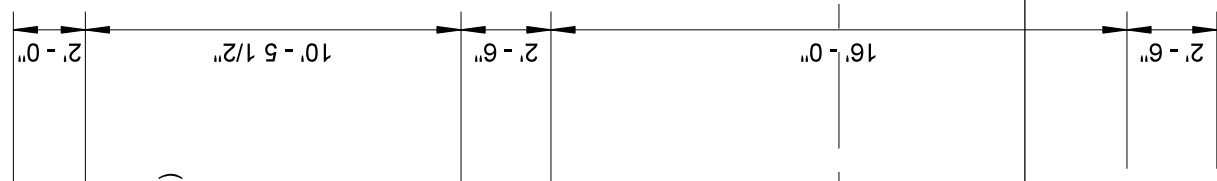
CORRIDOR

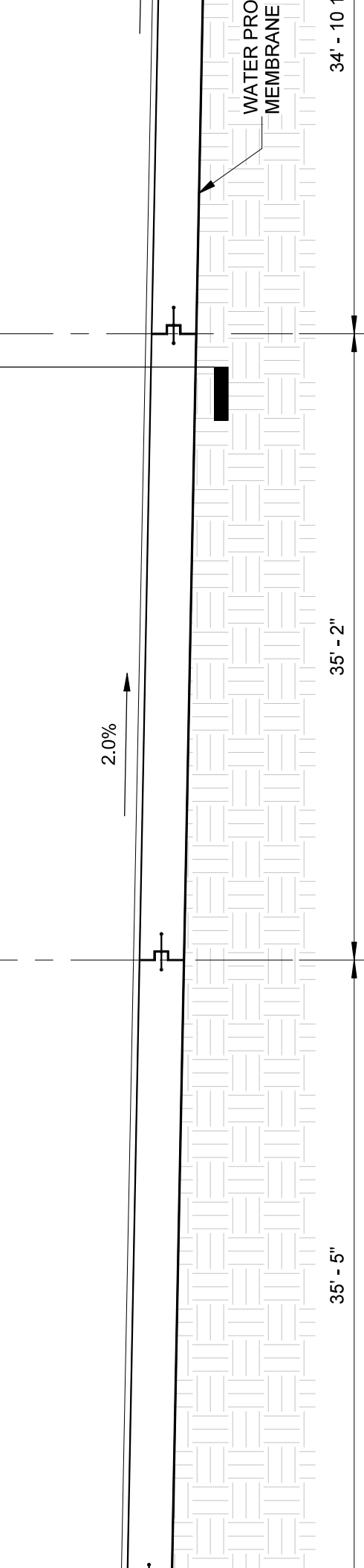
ELEVATOR MACHINE ROOM

ROUGHENED CONSTRUCTION
JOINT IN WALL (TYP.)

CLEANER'S, SPRINKLER, AND
WATER SERVICE ROOM

LIMITS
WALL



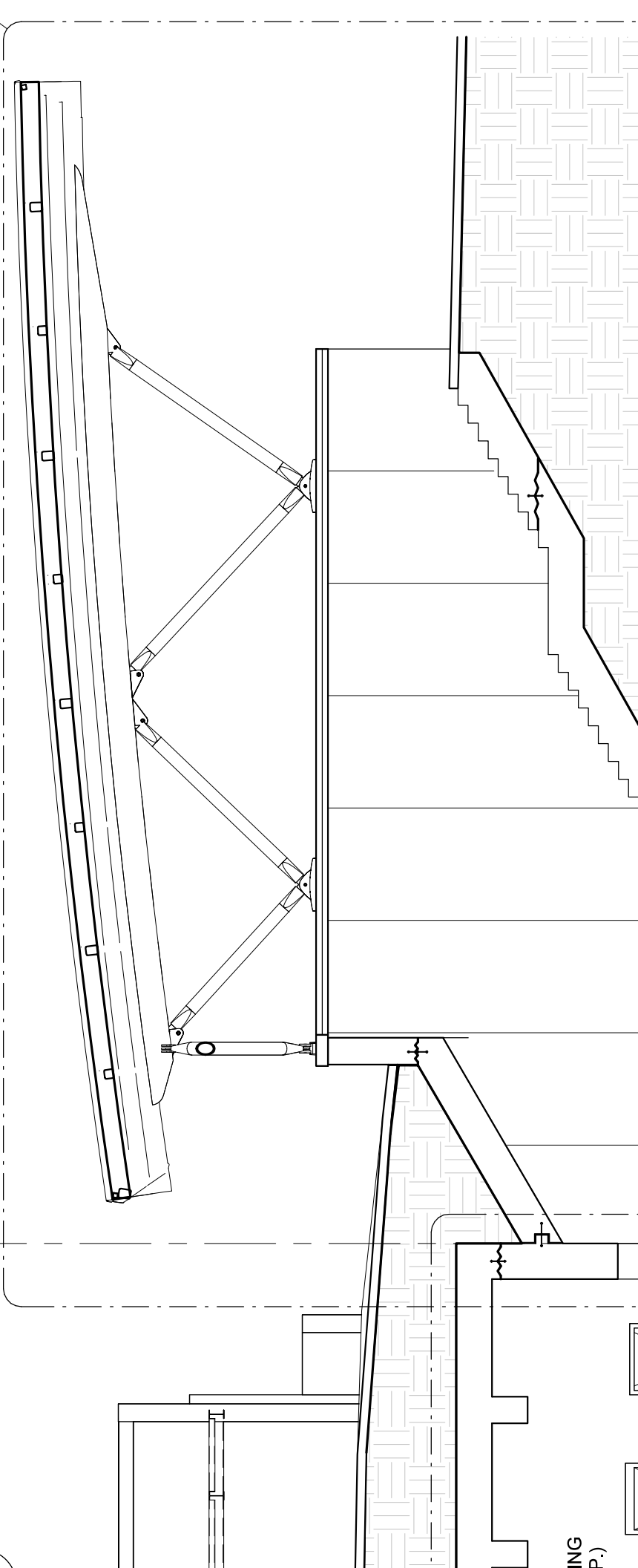


1 SECTION THRU TUNNEL

B09-S-103 | B09-S-301 $\frac{1}{8"} = 1'-0"$



EXPANSION
JT 16



T/SLAB
EL. VARIES

ROUGHENED CONSTRUCTION
JOINT (TYP.)

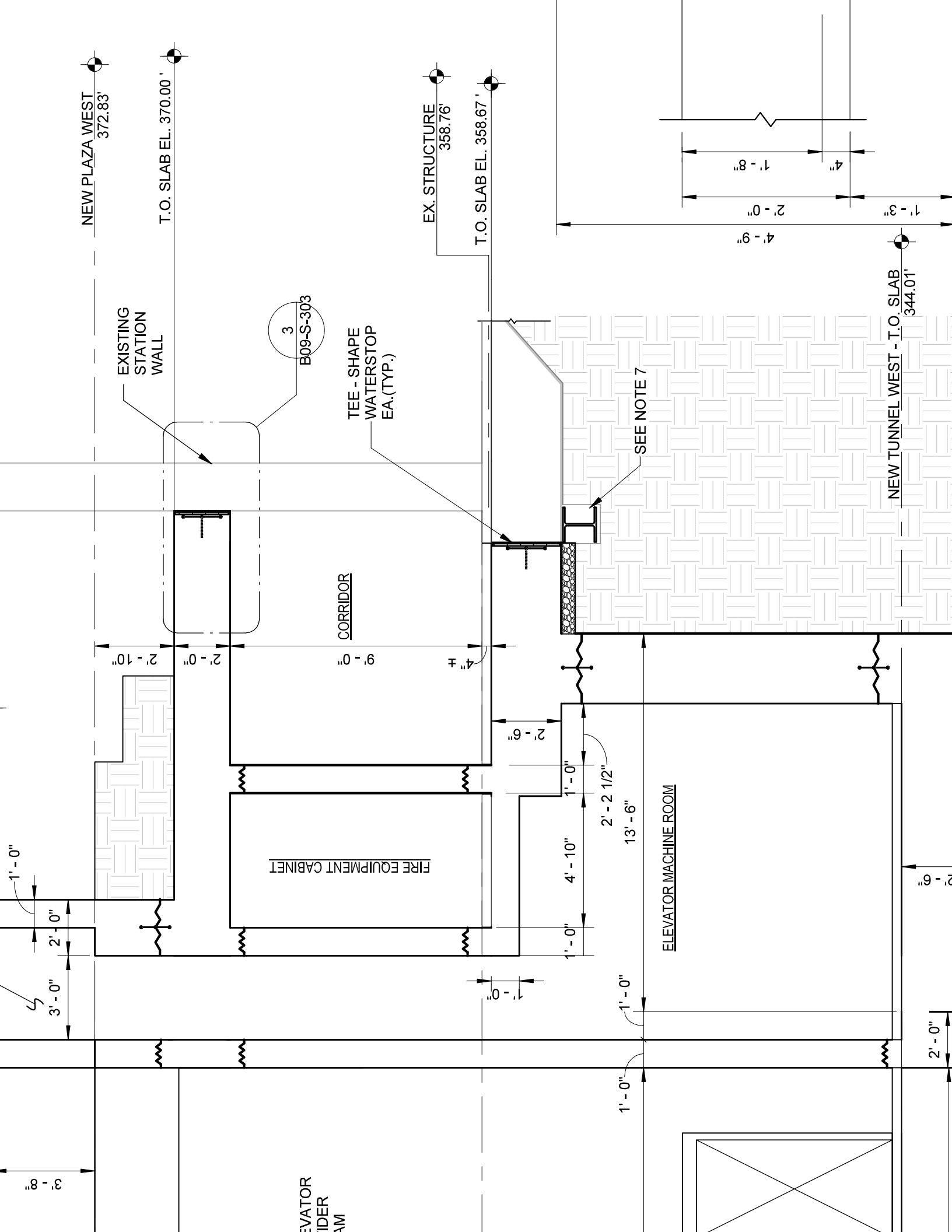
T/STRUCTURAL SLAB
EL. VARIES

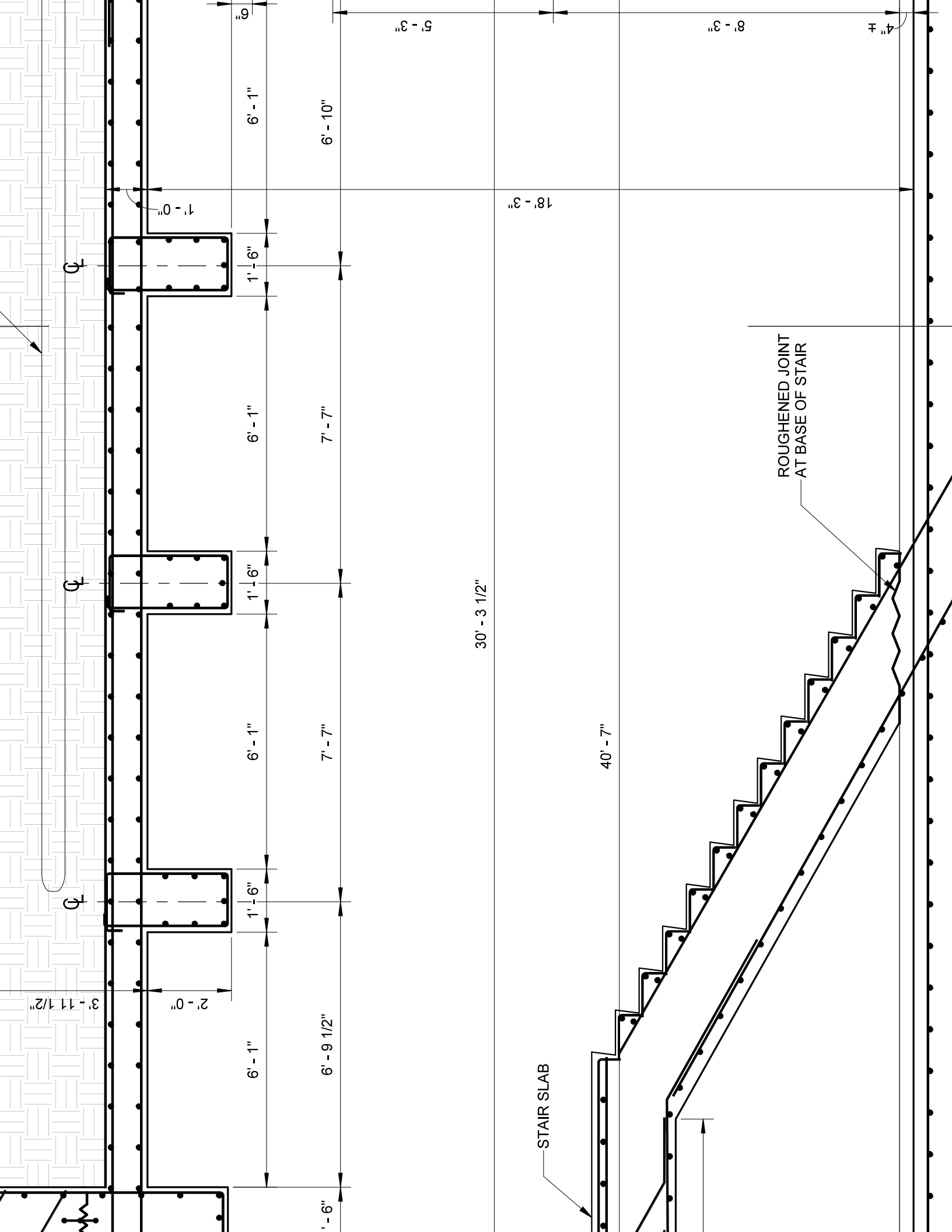
2' - 6"

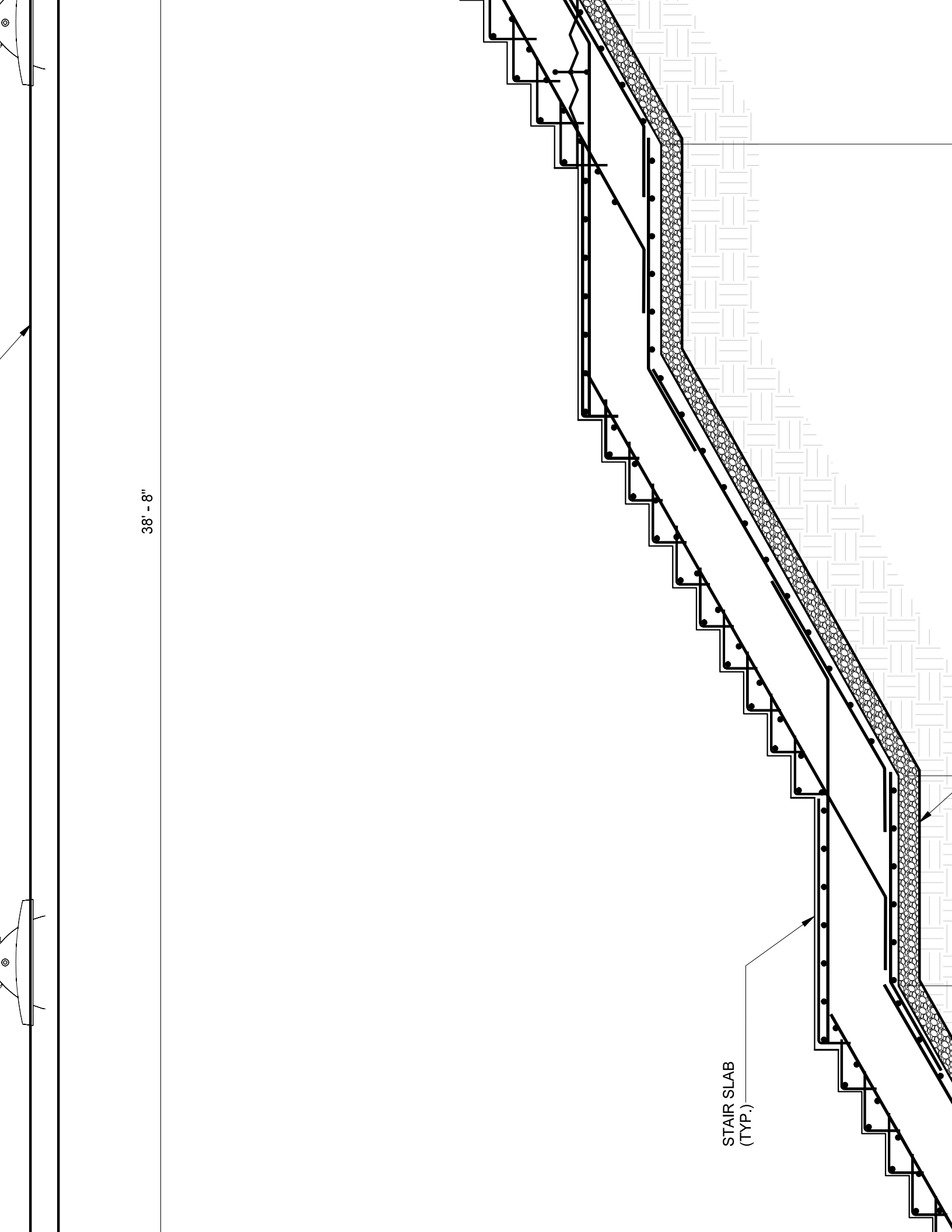
SLOPE 1/8" / 1' - 0"

WATERPROOFING

3" x PERFORATED PIPE

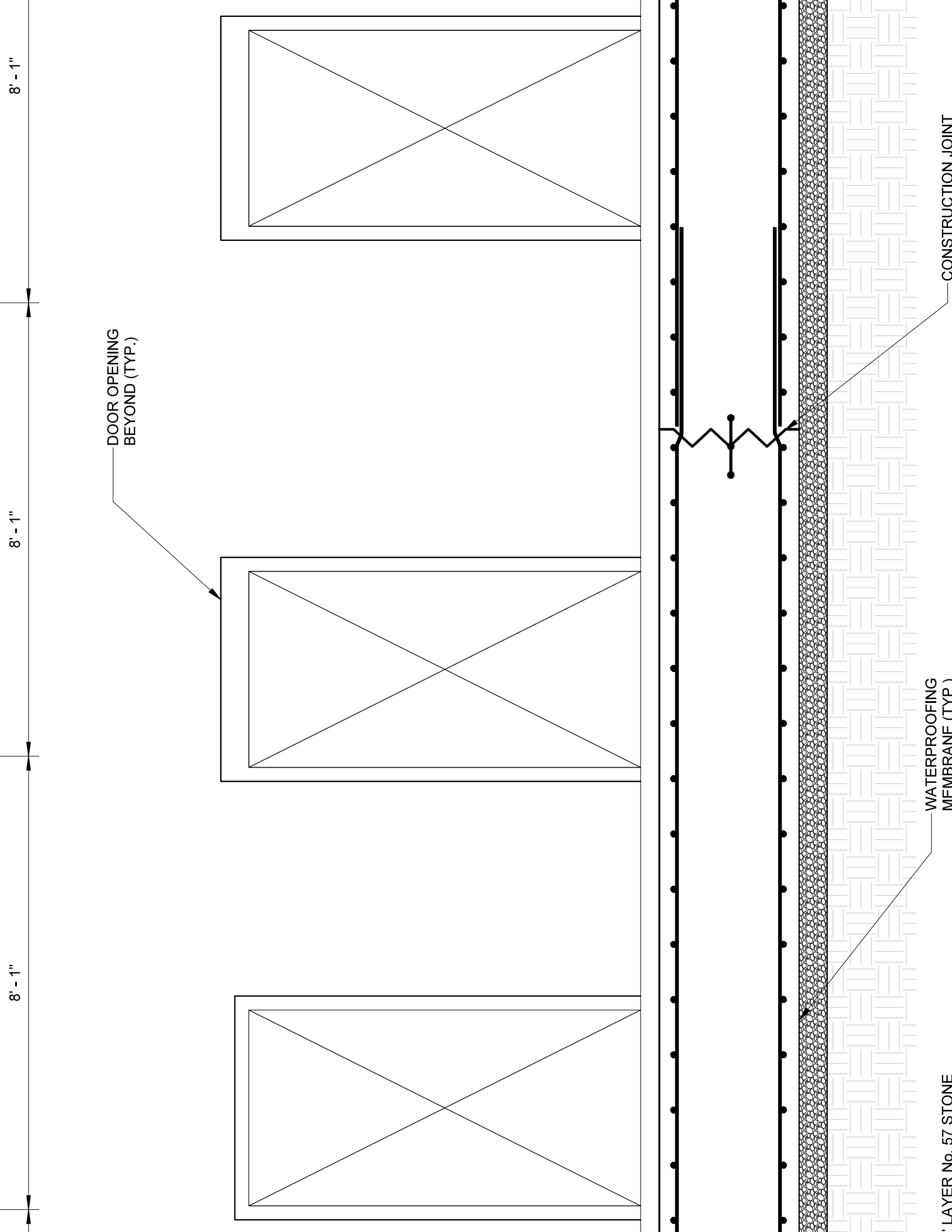


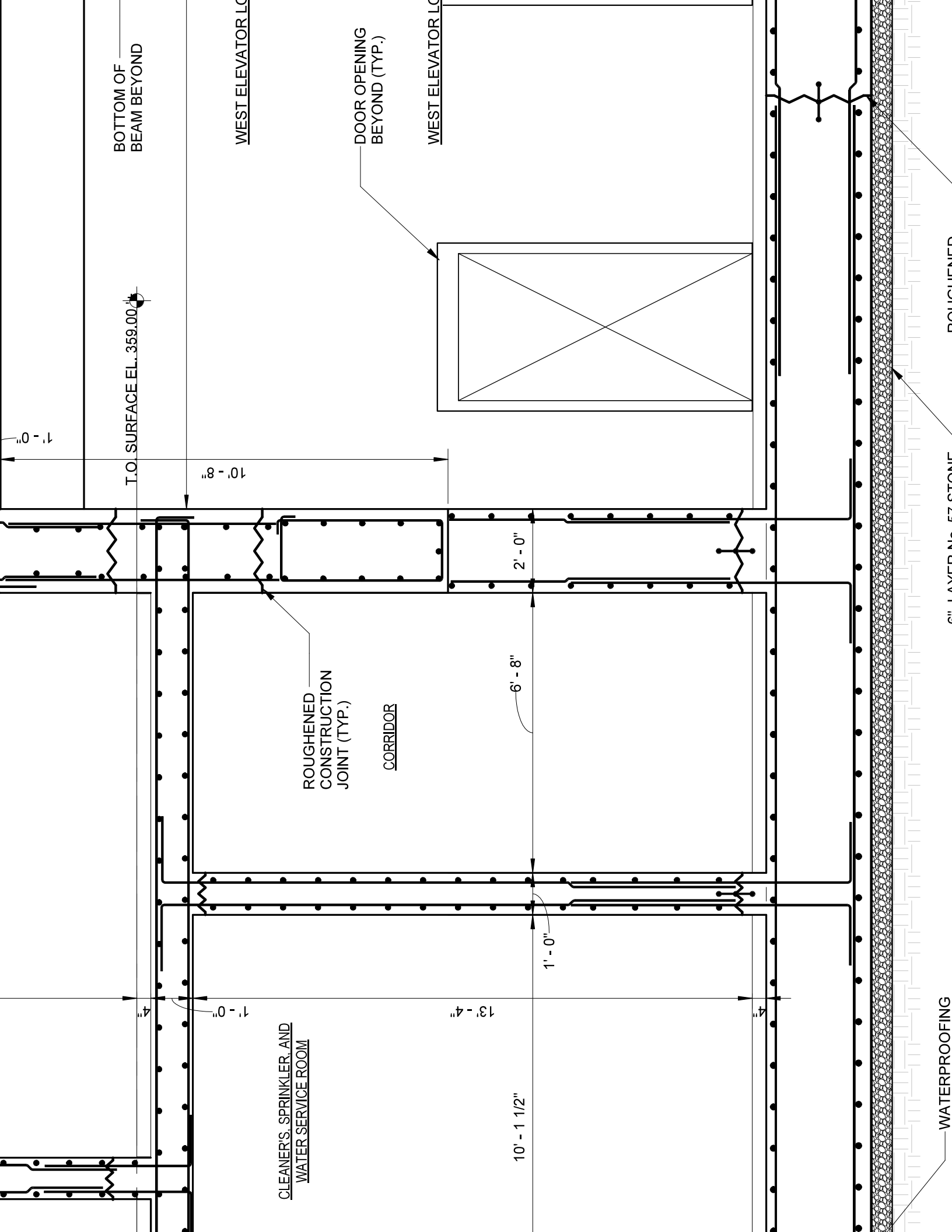


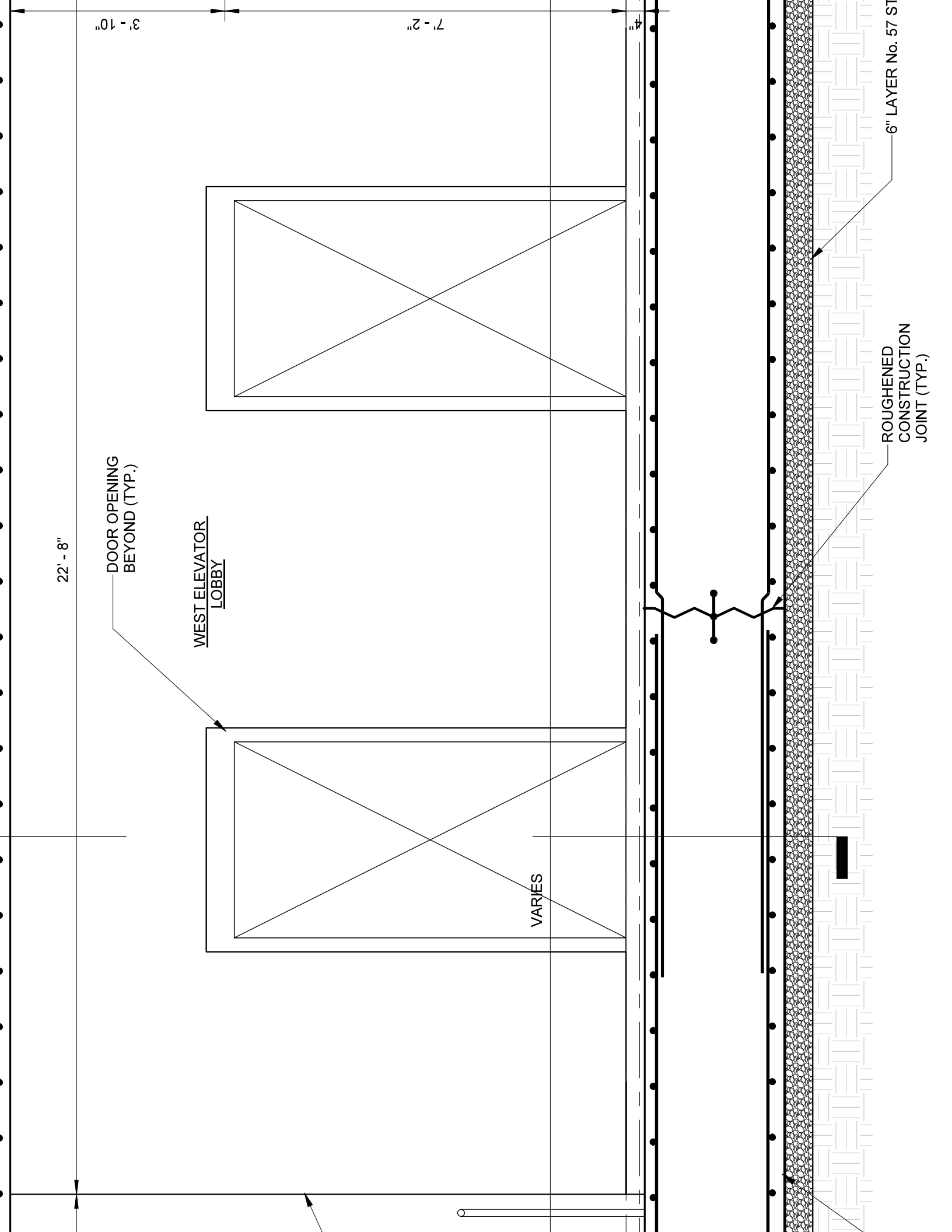


38' - 8"

STAIR SLAB
(TYP.)







22' - 8"

3' - 10"

7' - 2"

4"

DOOR OPENING
BEYOND (TYP.)

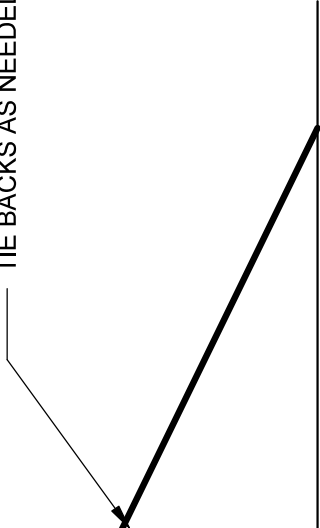
WEST ELEVATOR
LOBBY

VARIES

ROUGHENED
CONSTRUCTION
JOINT (TYP.)

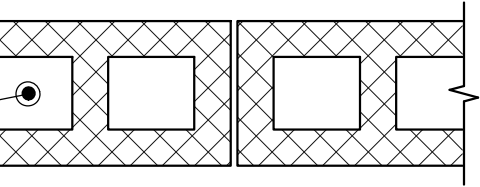
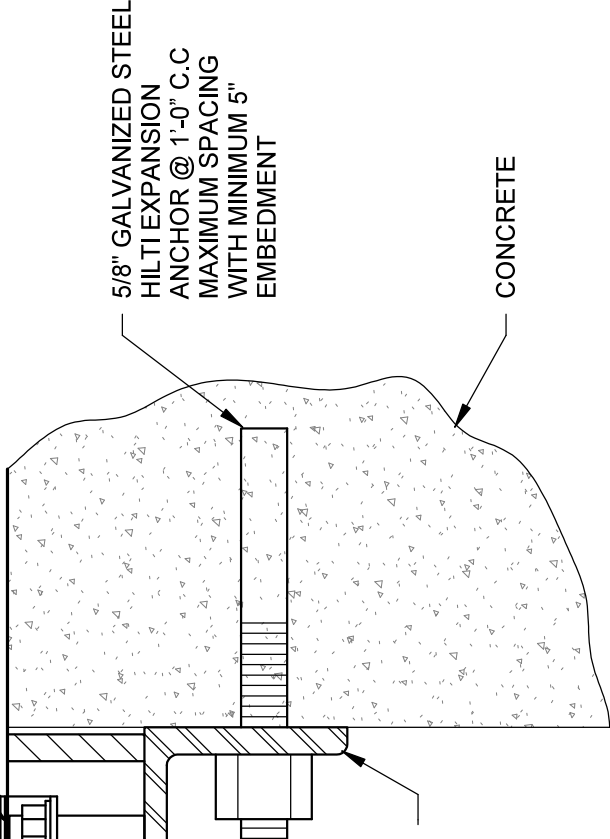
6" LAYER No. 57 ST

TIE BACKS AS NEEDED



NOT TO SCALE

GALVANIZED STEEL SADDLE CLIPS FOR GALVANIZED STEEL GRATING. TWO REQ'D PER PANEL (MIN.). DIAMETER AND LENGTH BY MANUFACTURER



8"
CMU

4

B09-S-601

CMU CORNER REINFORCING DETAIL

NOT TO SCALE

5

B09-S-601

INTERIOR CORNER REINFORCING DETAIL

NOT TO SCALE

6

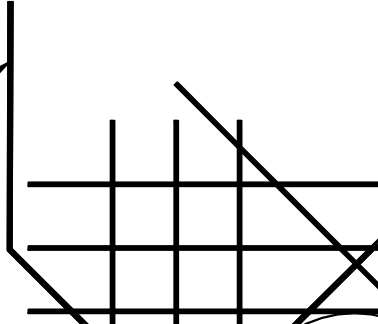
B09-S-601

GRATING SUPPORT DETAIL

NOT TO SCALE

NOT TO SCALE

GRATING
AS SHOWN
IN NOTE 3

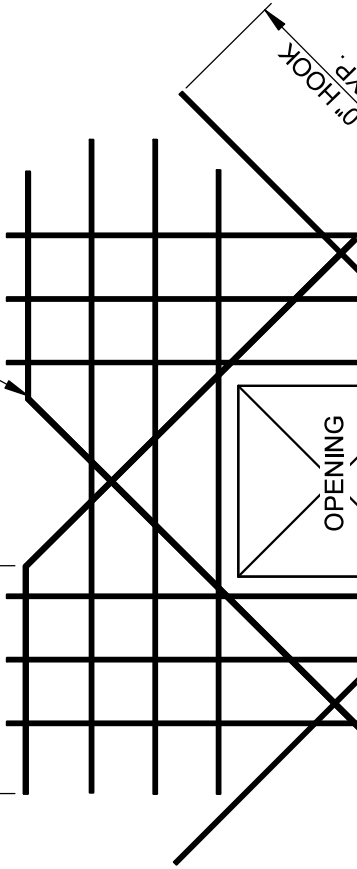


NOTES:

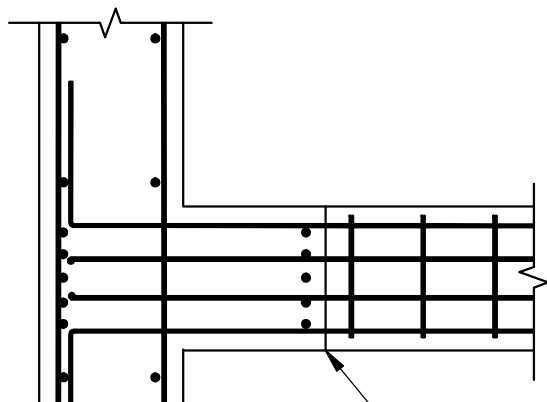
1. NUMBER OF ADDITIONAL REINFORCING BARS AT EACH SIDE OF OPENING SHALL EQUAL HALF THE NUMBER OF INTERRUPTED BARS IN EACH LAYER OF REINFORCING. SIZE OF ADDITIONAL REINFORCING BARS TO EQUAL SIZE OF INTERRUPTED REINFORCING BARS.
2. PROVIDE STANDARD HOOK BARS IF LAP LENGTH EXTENSION CANNOT BE OBTAINED AT JOINTS OR OTHER OBSTRUCTIONS. PLACE ADDITIONAL BARS IN SAME PLANES AS INTERRUPTED REINFORCING.
3. SIZE OF DIAGONAL BARS SHALL BE THE SIZE OF THE LARGEST NORMAL REINFORCING BAR CUT, UNLESS OTHERWISE NOTED. LOCATE DIAGONALS IN EACH LAYER
- 4.

LAP DIAGONAL BARS AS SHOWN & HOOK AS NOTED. SEE NOTE 3

2' - 0" HOOK
TYP.

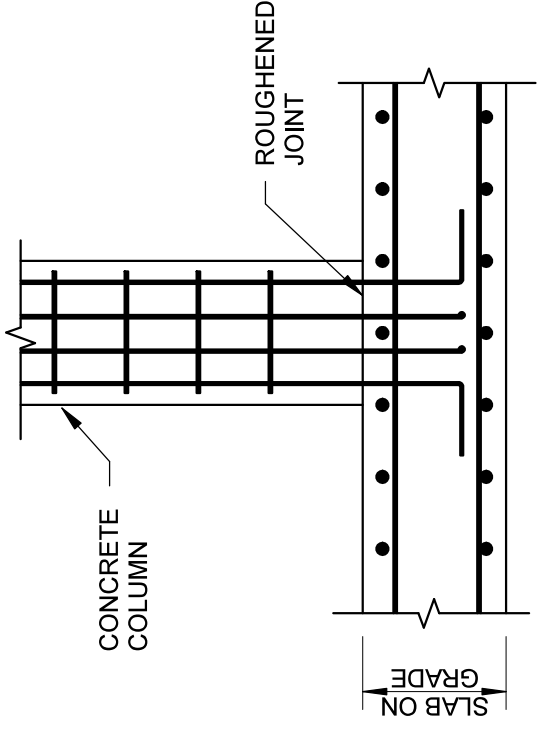


STANDARD
HOOK (TYP.)



NOTE:
SEE PLANS FOR SIZE AND
SPACING OF REINFORCEMENT.

COLUMN TO BEAM CONNECTION



NOTE:
SEE PLANS FOR SIZE AND
SPACING OF REINFORCEMENT.

TYPICAL CONCRETE COLUMN TO SLAB ON GRADE CONNECTION

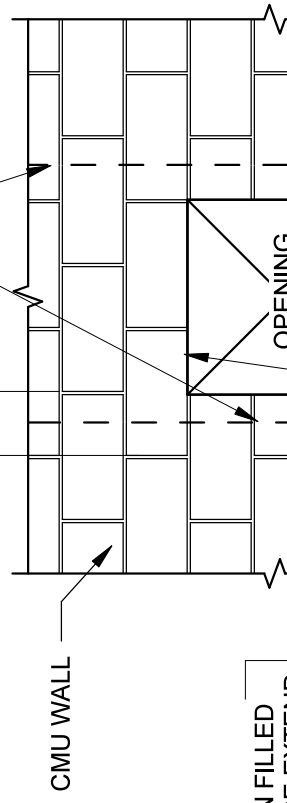
5

B09-S-602

NOT TO SCALE

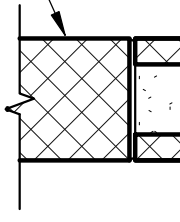
1 - #4 IN FILLED CELLS EACH
SIDE OF OPENING, 2-0" MIN.
ABOVE AND BELOW OPENING

8" MIN.
(TYP.)

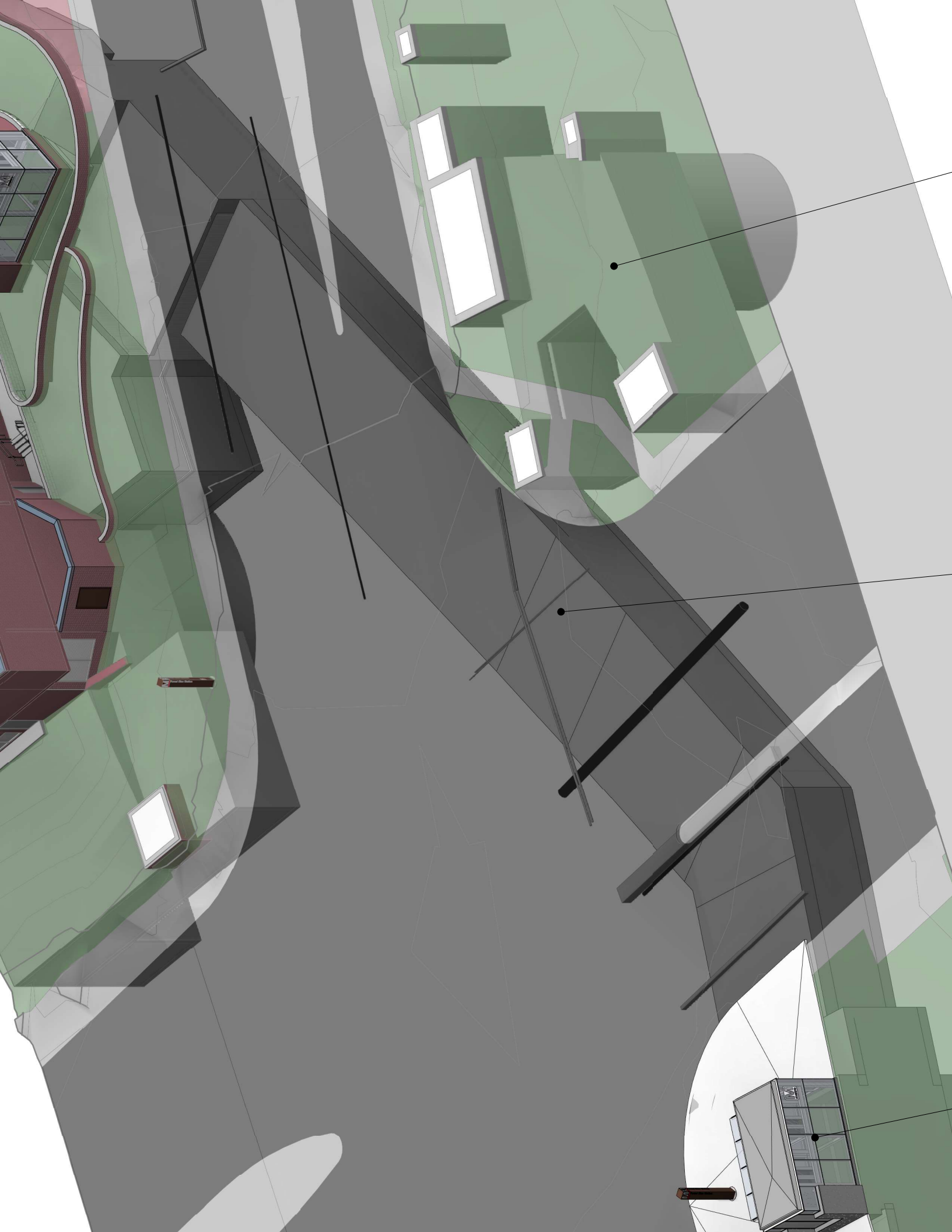


1 - #4 IN FILLED
CELLS EACH
SIDE OF OPENING

8" CMU WALL

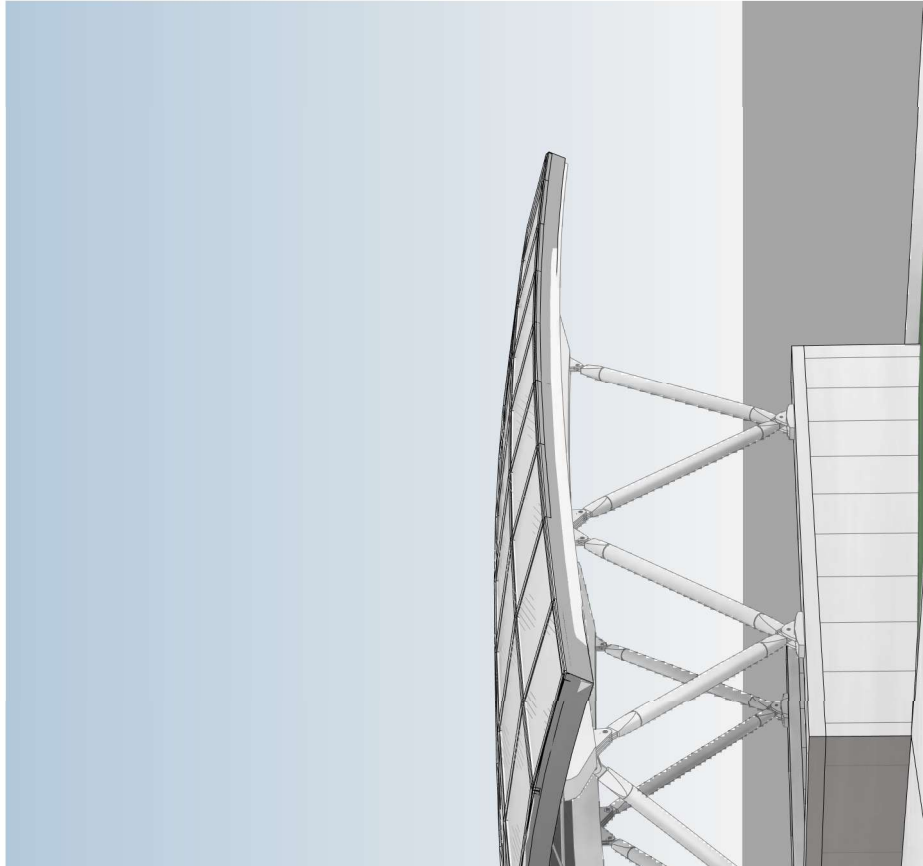


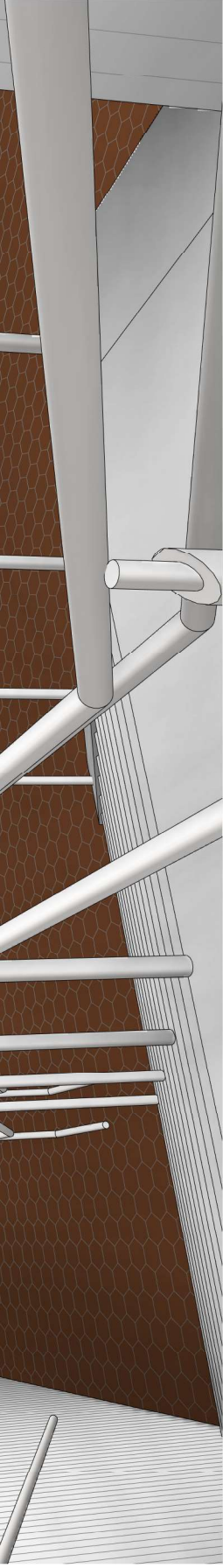
SAND, EIFS FINISH COAT, OR CEMENT PLASTER CMU STONE EXISTING WALL ITEMS TO BE DEMOLISHED	ARCHITECTURAL SYMBOLS	DETAIL NO ELEVATION TAG DRAWING NO DETAIL NO SECTION TAG DRAWING NO DETAIL NO DETAIL PLAN TAG DRAWING NO DETAIL NO 1
6. DETAILS MARKED AS "SIMILAR" (SIM) MEANS COMPARABLE CHANGES. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION. 7. FOLLOW ALL MANUFACTURER'S RECOMMENDED SPECIFICATIONS UNLESS OTHERWISE DIRECTED. 8. ROOF COVERINGS AND ROOFING MATERIAL SHALL BE FIRE RESISTANT. SEE UNDERWRITERS LABORATORIES, INC., CLASS "A" U.L. FIRE HAZARD TEST REPORT. 9. FIRE RATED WALLS SHALL EXTEND FROM RATED FLOOR AND CEILING ASSEMBLY. 10. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONS. 11. PROVIDE ADEQUATE ANCHORAGE, BLOCKING, BACKING AND BRACING FOR LIGHT FIXTURES, ELECTRICAL UNITS, HVAC EQUIPMENT, CEILING CABINETS, HANDRAILS & GUARDRAILS, AND LIGHT FIXTURES) ETC. SEE INSTALLATION. 12. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS, JOBSITE AND AUTHORIZED REPRESENTATIVE MUST BE NOTIFIED PRIOR TO ANY DIMENSIONS AND CONDITION. 13. FOR ALL QUARRY TILE REPAIR AND REPLACEMENT DETAILS SEE SHEET ST-A-SW-001. 14. BIRD PROTECTION SYSTEMS ARE REQUIRED TO BE INSTALLED ON ALL ROOFS.		





2 3D VIEW - WEST F
B09-A-011



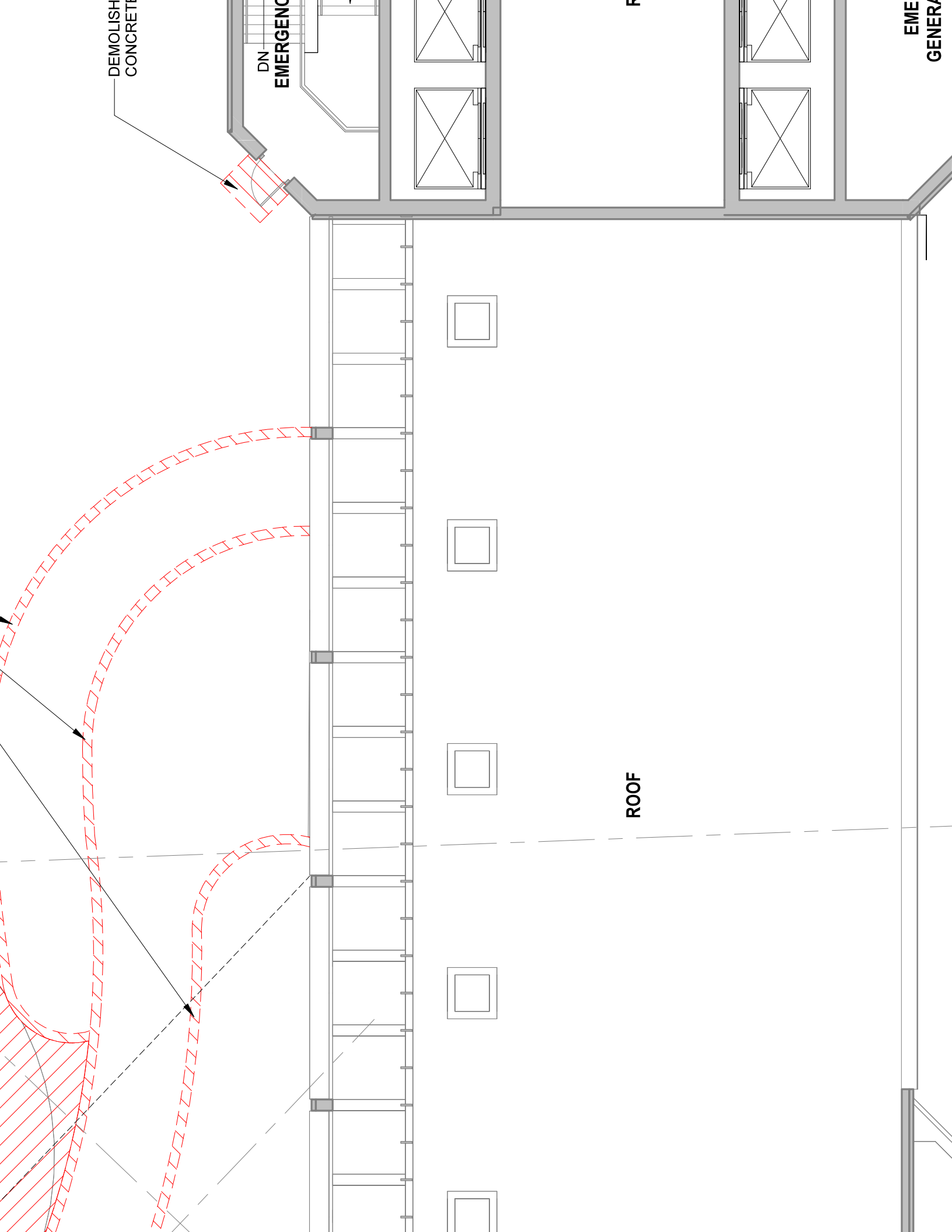


3D VIEW - WEST ELEVATOR LOBBY EXIT

6

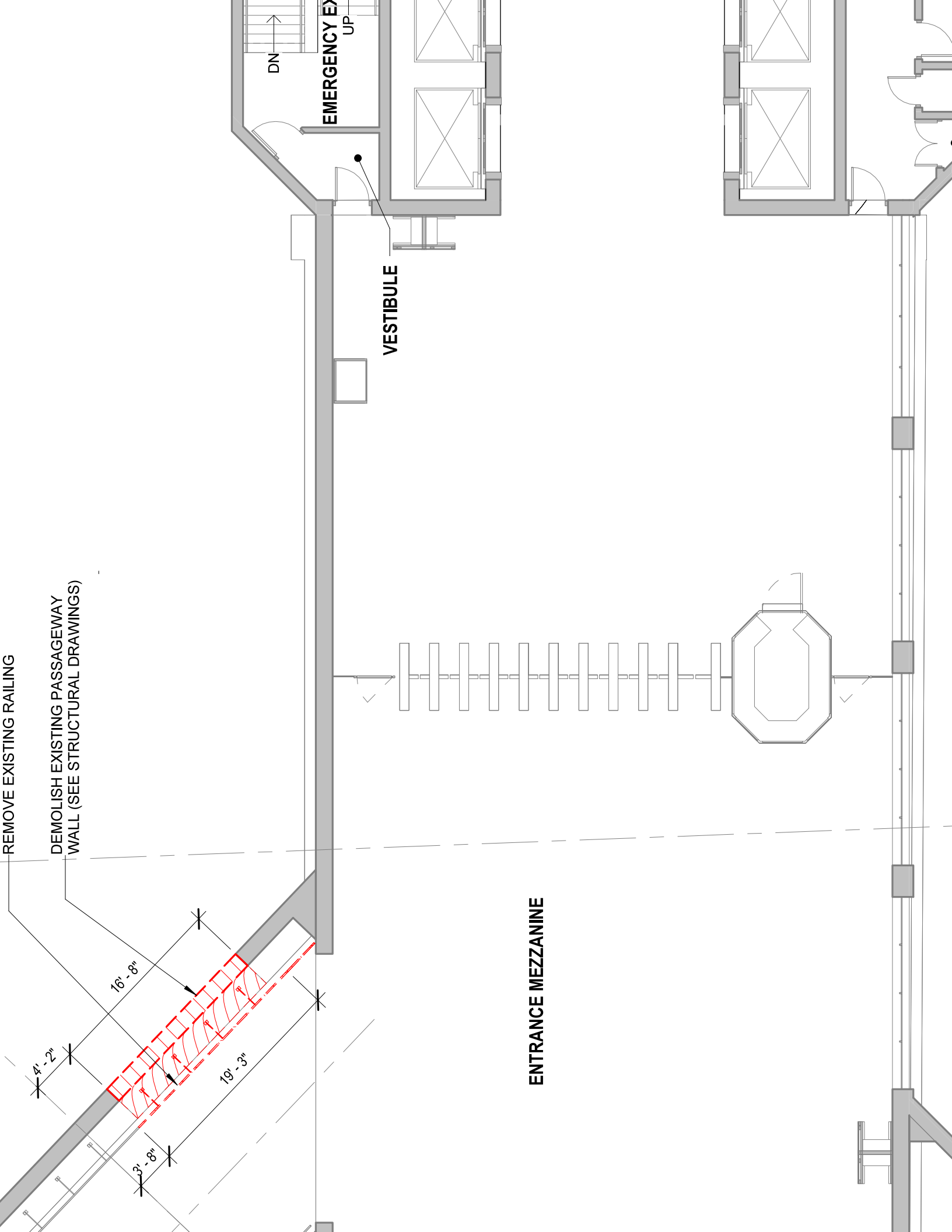
B09-A-012





REMOVE EXISTING RAILING

DEMOLISH EXISTING PASSAGEWAY WALL (SEE STRUCTURAL DRAWINGS)



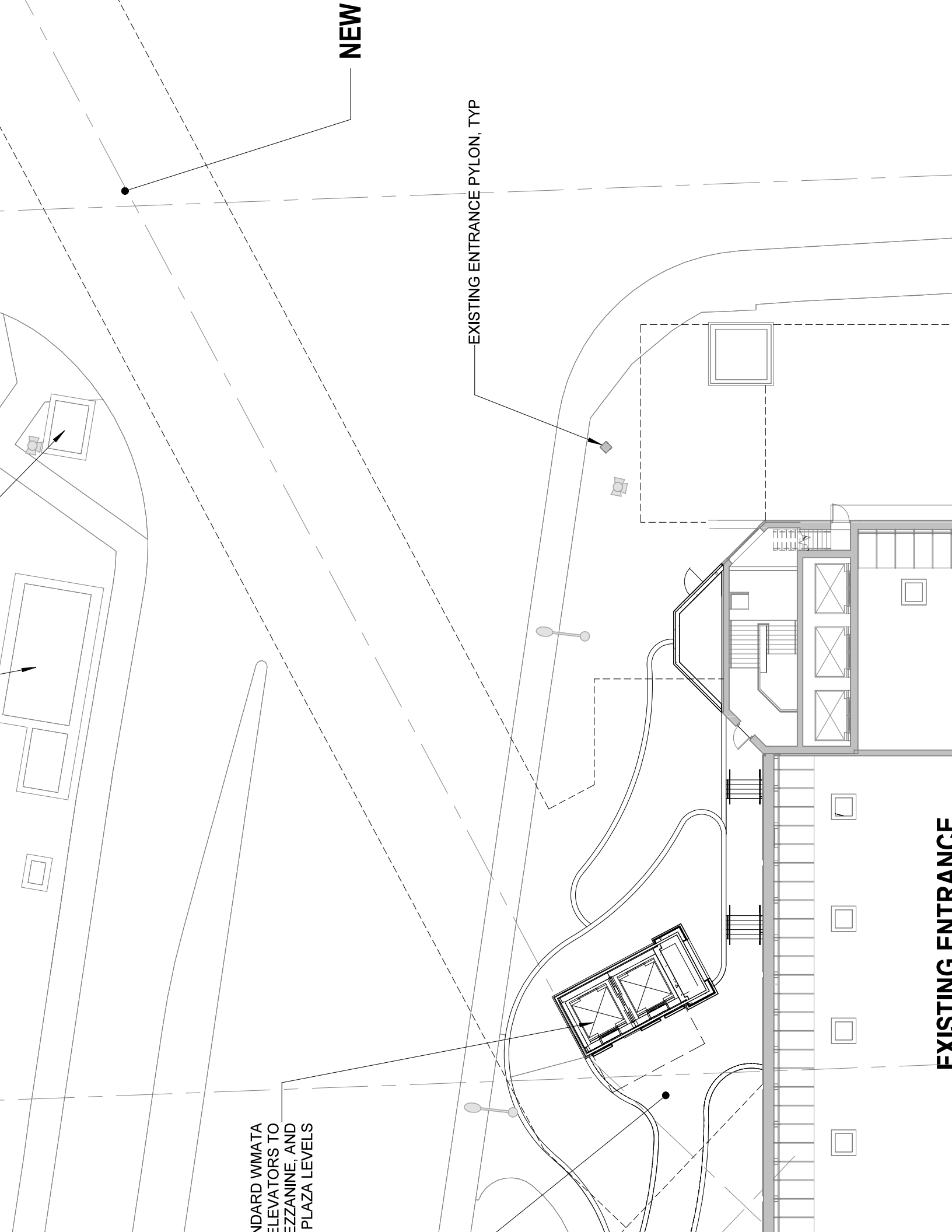
EMERGENCY EXIT

DN

UP

VESTIBULE

ENTRANCE MEZZANINE

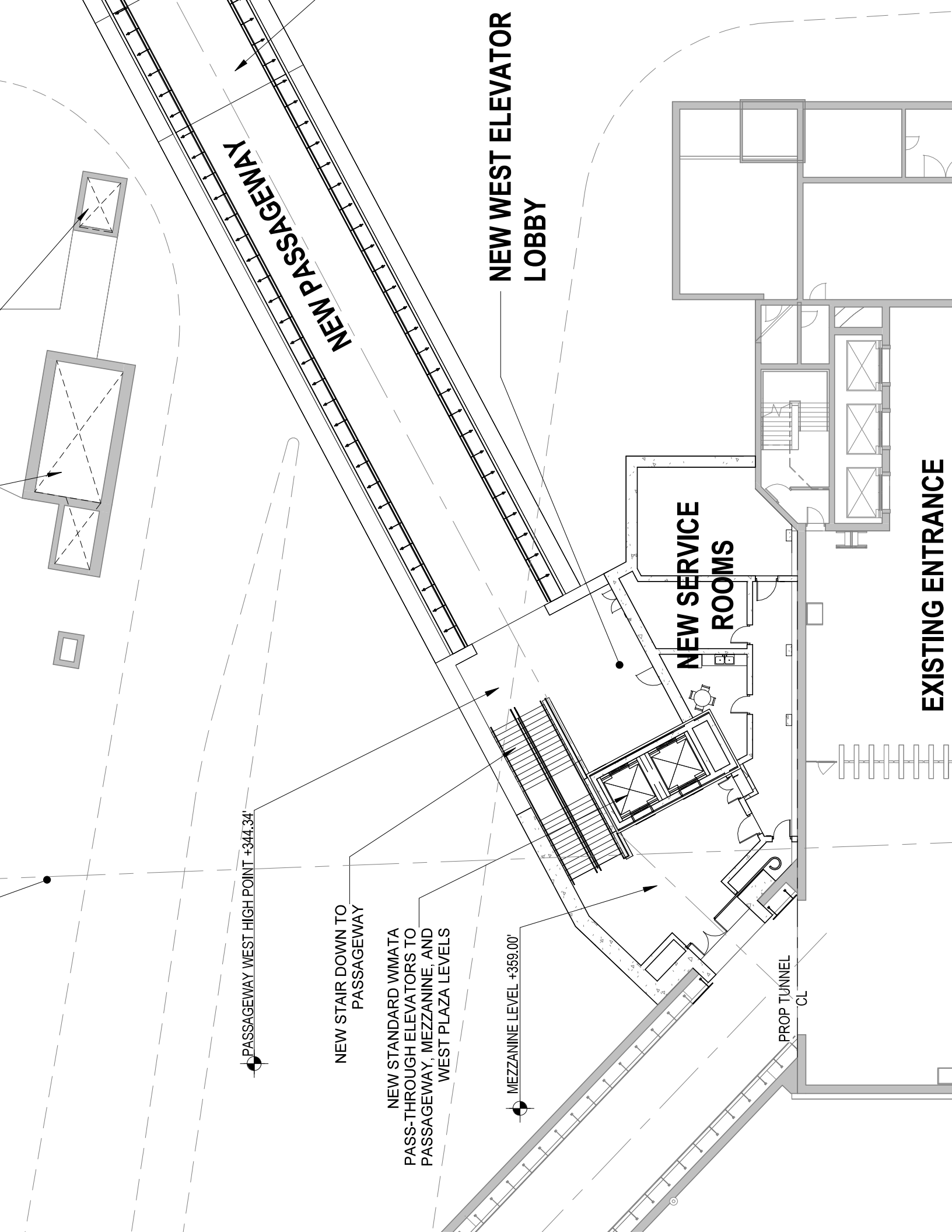


NEW

EXISTING ENTRANCE PYLON, TYP

EXISTING ENTRANCE

STANDARD WMATA
ELEVATORS TO
MEZZANINE, AND
PLAZA LEVELS



NEW PASSAGEWAY

NEW WEST ELEVATOR
LOBBY

NEW SERVICE
ROOMS

EXISTING ENTRANCE

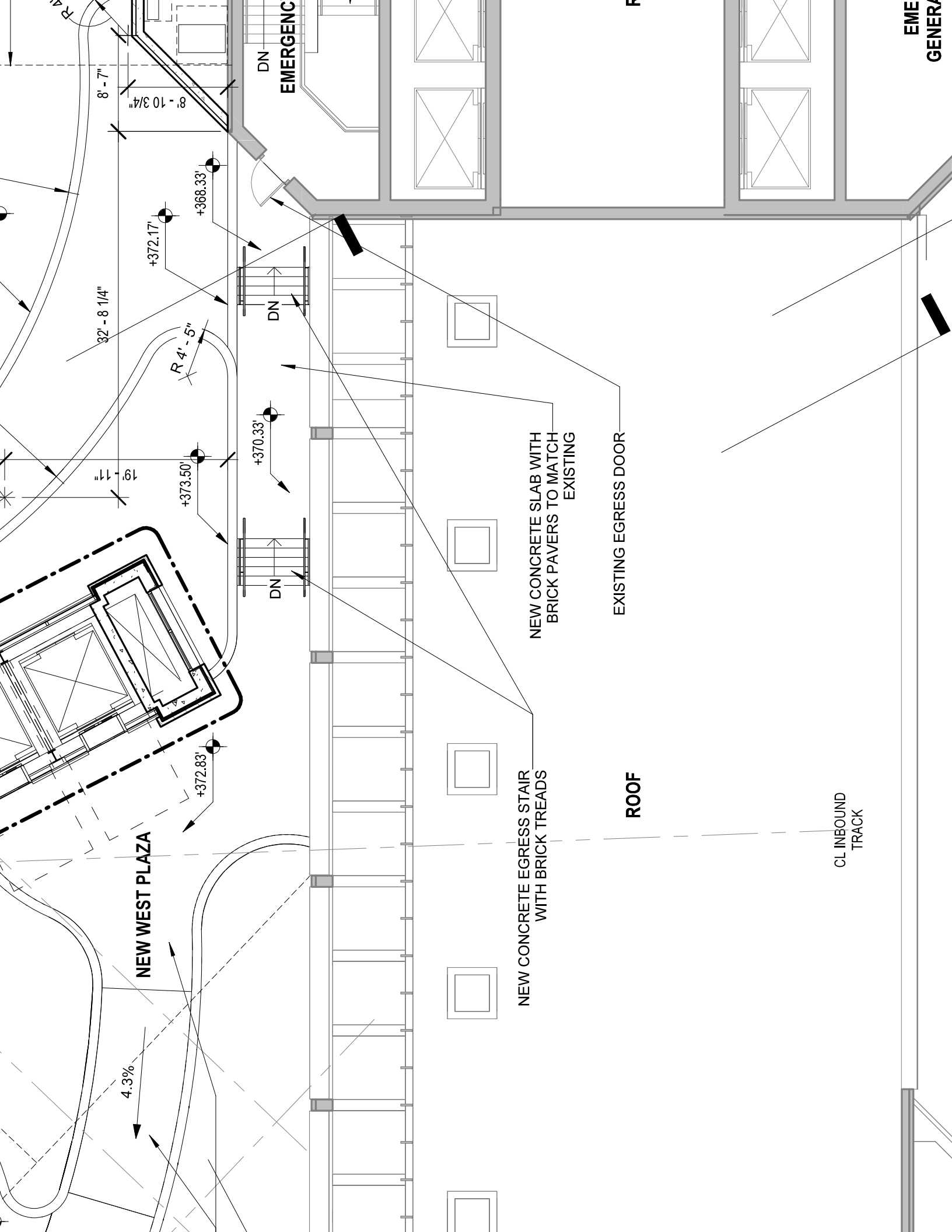
PASSAGEWAY WEST HIGH POINT +344.34'

NEW STAIR DOWN TO
PASSAGEWAY

NEW STANDARD WMATA
PASS-THROUGH ELEVATORS TO
PASSAGEWAY, MEZZANINE, AND
WEST PLAZA LEVELS

MEZZANINE LEVEL +359.00'

PROP TUNNEL
CL



EME
GENERA

DN
EMERGENCY

NEW WEST PLAZA

4.3%

NEW CONCRETE EGRESS STAIR
WITH BRICK TREADS

NEW CONCRETE SLAB WITH
BRICK PAVERS TO MATCH
EXISTING

EXISTING EGRESS DOOR

ROOF

CL INBOUND
TRACK

8' - 7"
8' - 10 3/4"

32' - 8 1/4"

R 4' - 5"

19' - 11"

+372.17'
+368.33'

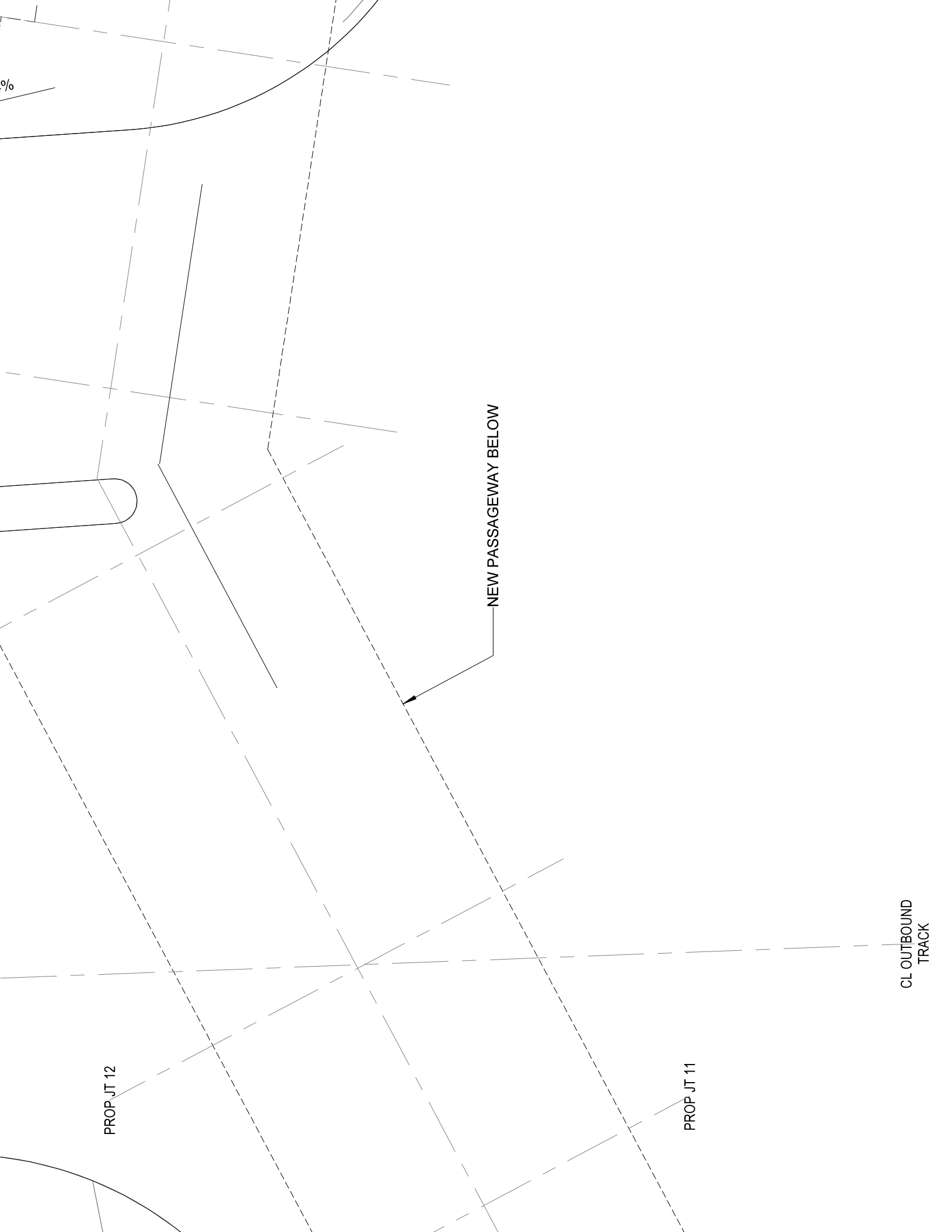
+373.50'

+370.33'

+372.83'

DN

DN



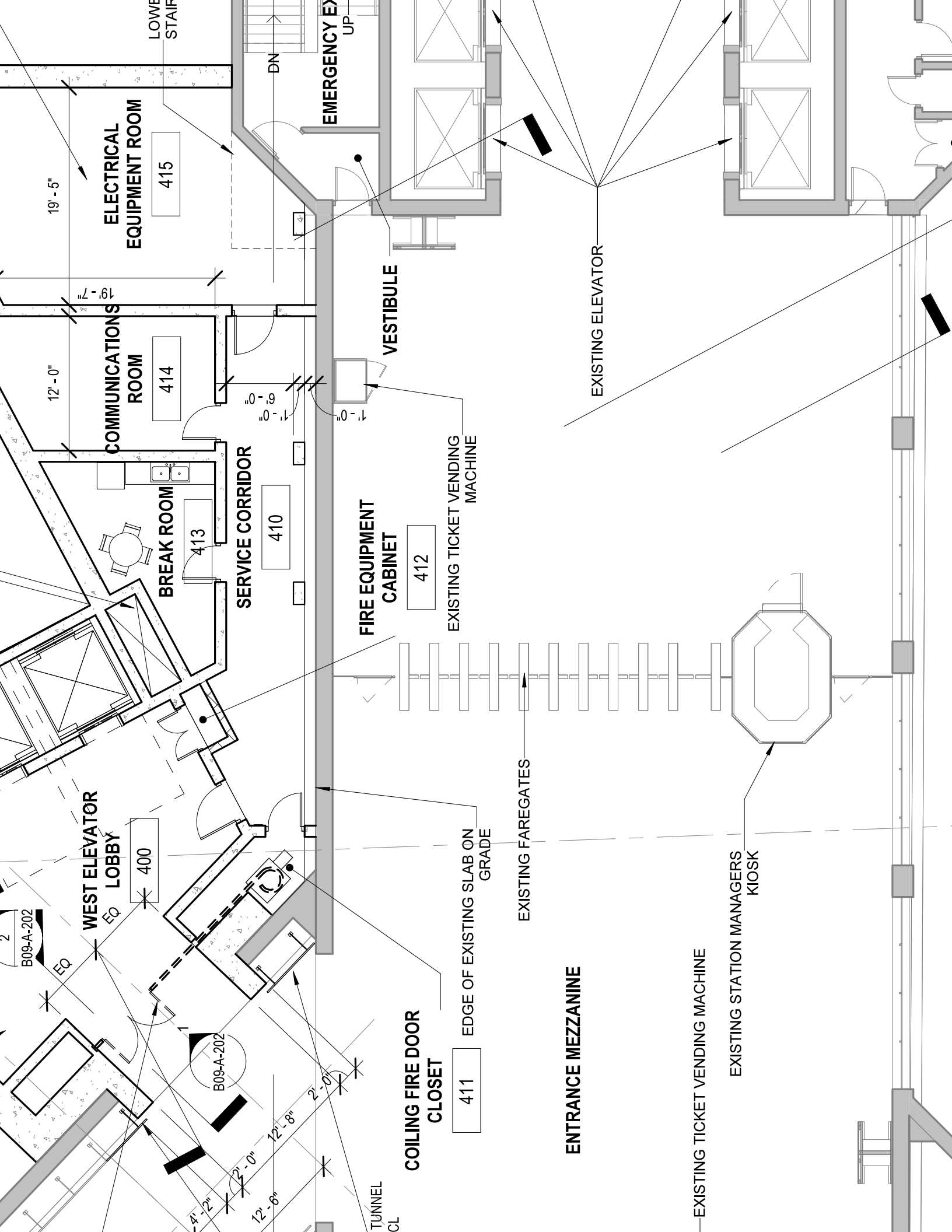
0%

NEW PASSAGEWAY BELOW

CL OUTBOUND
TRACK

PROP JT 12

PROP JT 11



B09-A-202

WEST ELEVATOR
EQ LOBBY

ELECTRICAL
EQUIPMENT ROOM

COMMUNICATIONS
ROOM

BREAK ROOM

SERVICE CORRIDOR

EMERGENCY EX
Up

VESTIBULE

FIRE EQUIPMENT
CABINET

COILING FIRE DOOR
CLOSET

EXISTING TICKET VENDING
MACHINE

EDGE OF EXISTING SLAB ON
GRADE

EXISTING FAREGATES

ENTRANCE MEZZANINE

EXISTING ELEVATOR

EXISTING TICKET VENDING MACHINE

EXISTING STATION MANAGERS
KIOSK



ELEVATOR MACHINE ROOM

9' - 8 3/4"

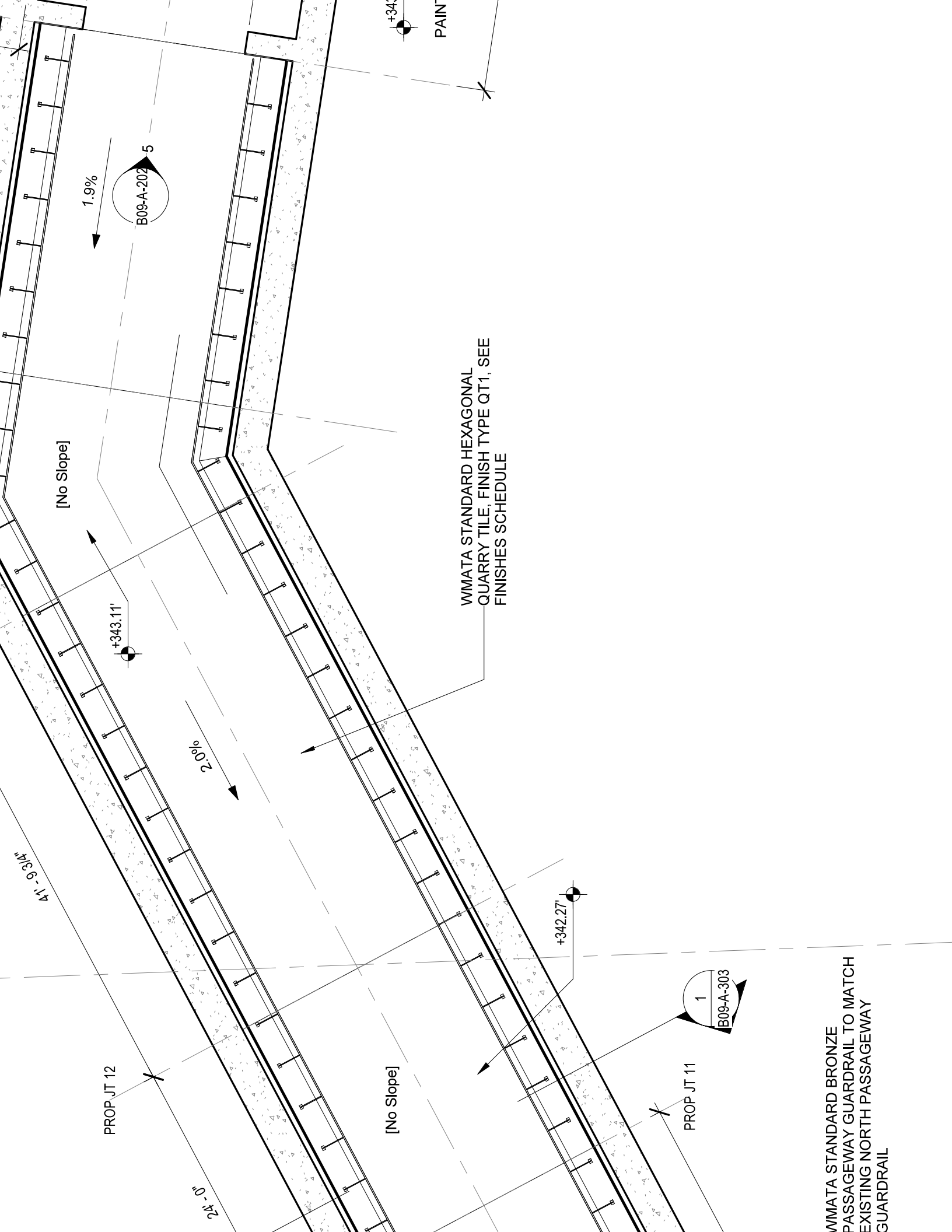
22-8

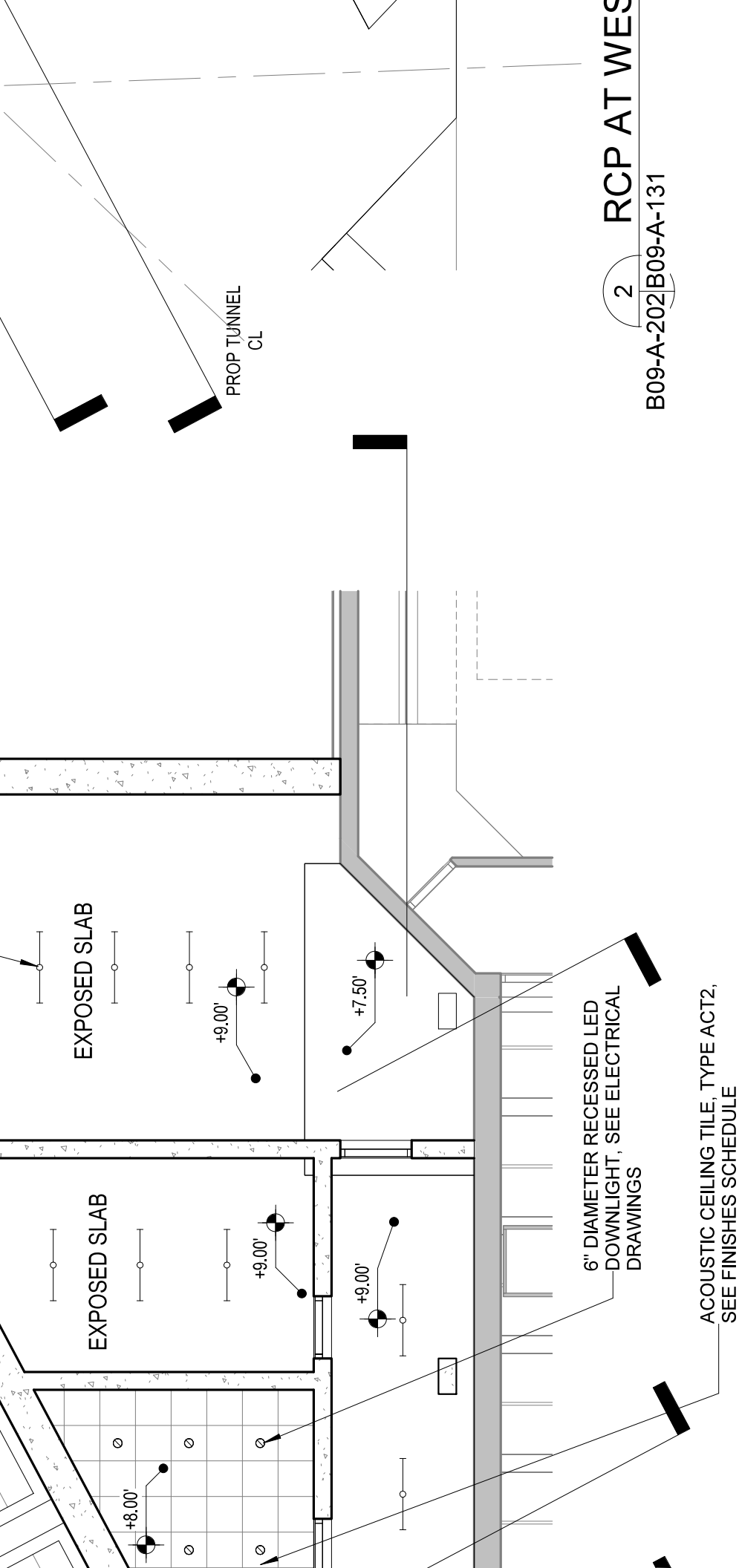
**CLEANER'S,
SPRINKLER, AND
WATER SERVICE
ROOM**

~~ELEVATOR~~

UP

ELEVATOR SH

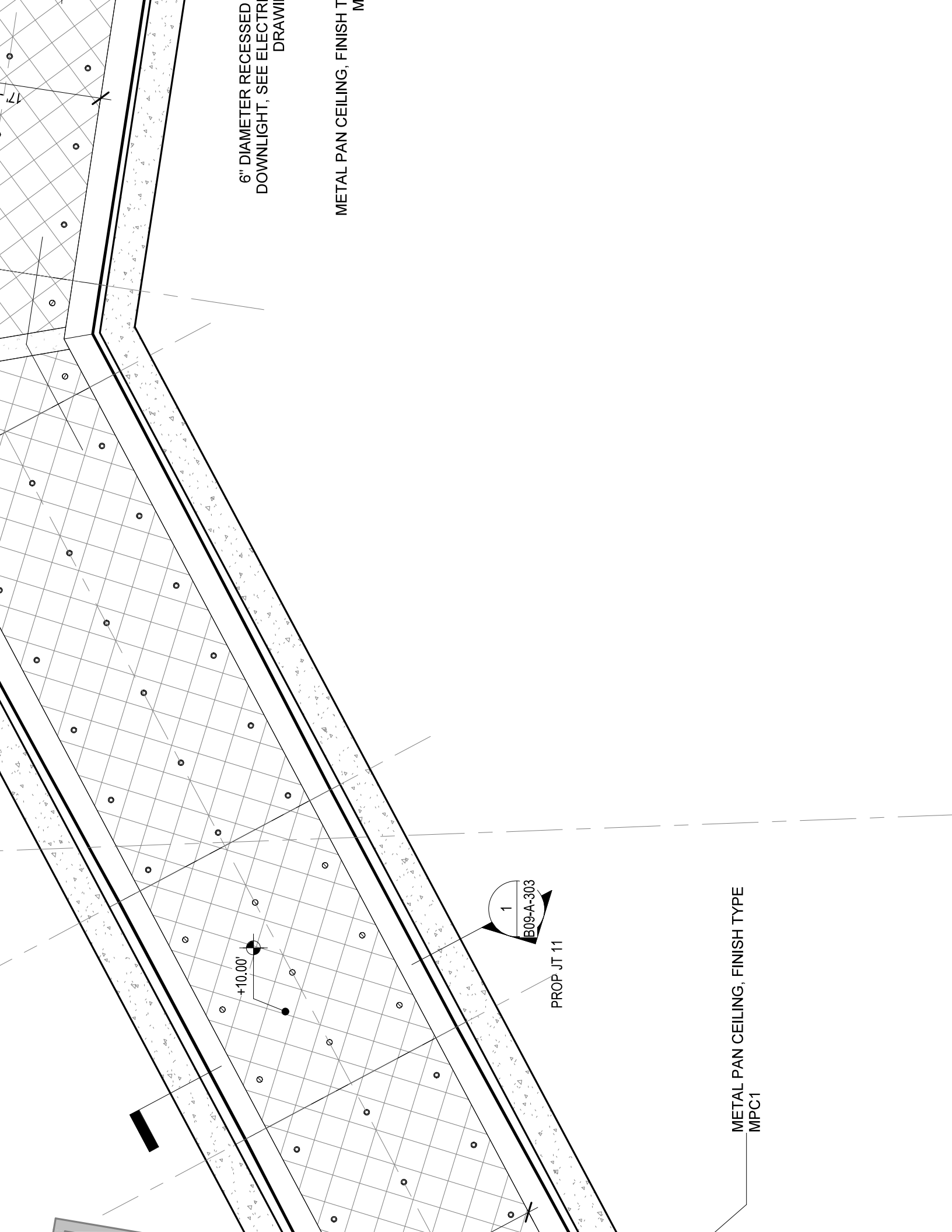




2

RCP AT WES

B09-A-202 | B09-A-131



6" DIAMETER RECESSED
DOWNLIGHT, SEE ELECTRICAL
DRAWING

METAL PAN CEILING, FINISH TYPE
MPC1

1
B09-A-303

PROP JT 11

+10.00'

METAL PAN CEILING, FINISH TYPE
MPC1

DAR

DAF
K, F K, F K, F

BC

B

AL I

SYNOPSIS

LEG

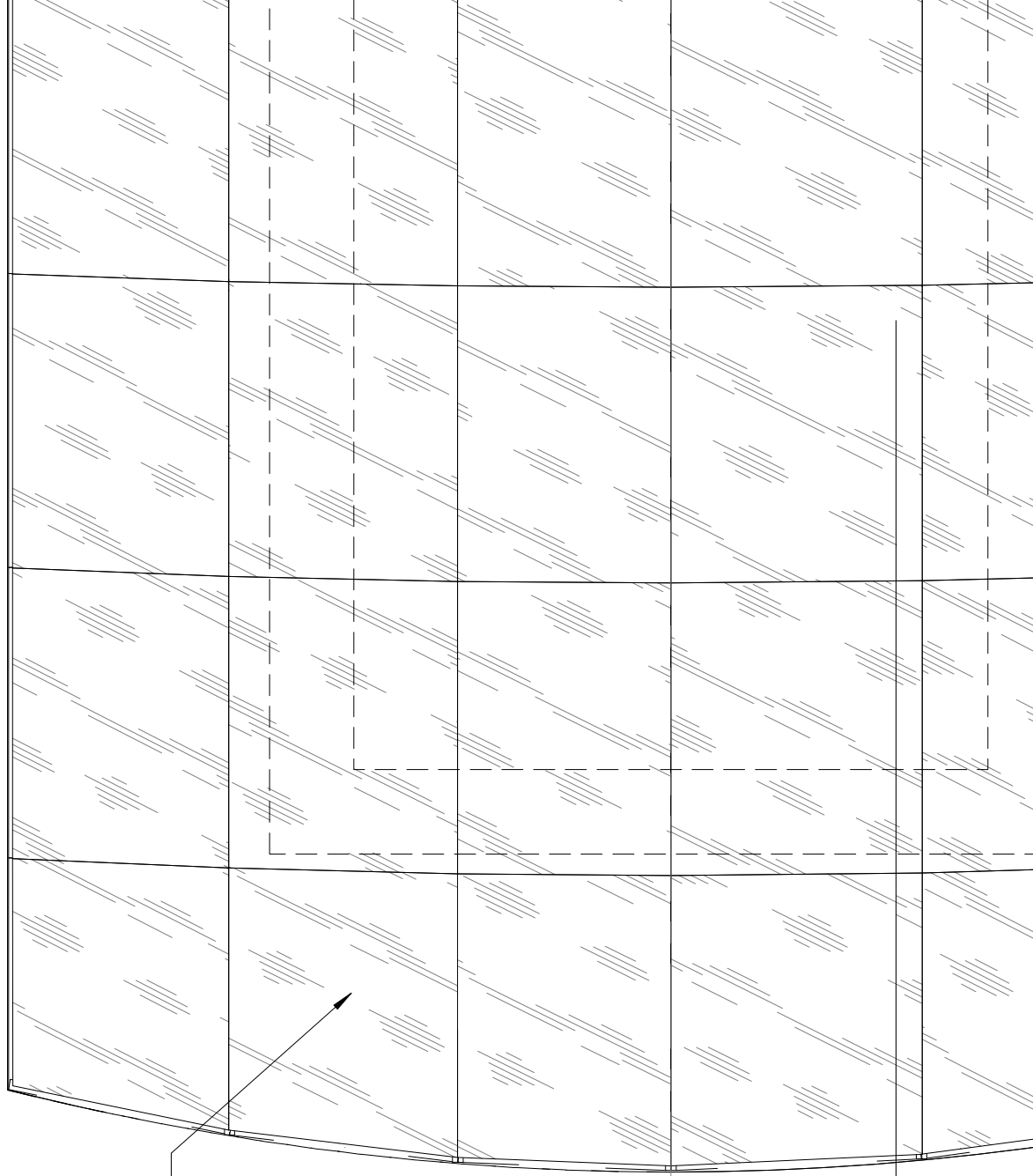
LEG

2 SIDE ELEVATION AT CANOPY

B09-A-201 | B09-A-201

1/4" = 1'-0"

TYPICAL METRO ENTRANCE
CANOPY, SEE WMATA DESIGN
DIRECTIVE DRAWINGS SHEET
DD-A-ESCC-001 - DD-A-ESCC-011
FOR CANOPY INFORMATION.



PROP TUNNEL
CL

B09-A-201 3

WMATA STANDARD
QUARRY TILE, FIN
SEE FINISH

CAST-IN
WITH

WM
PAS
F

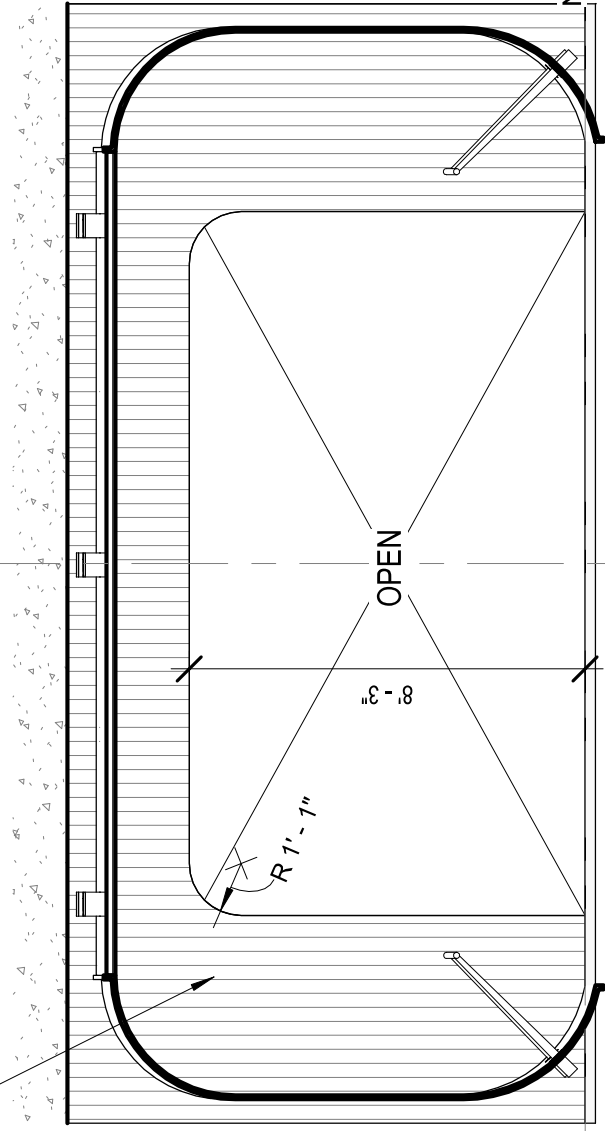
NEW TUNNEL WEST
344.34'

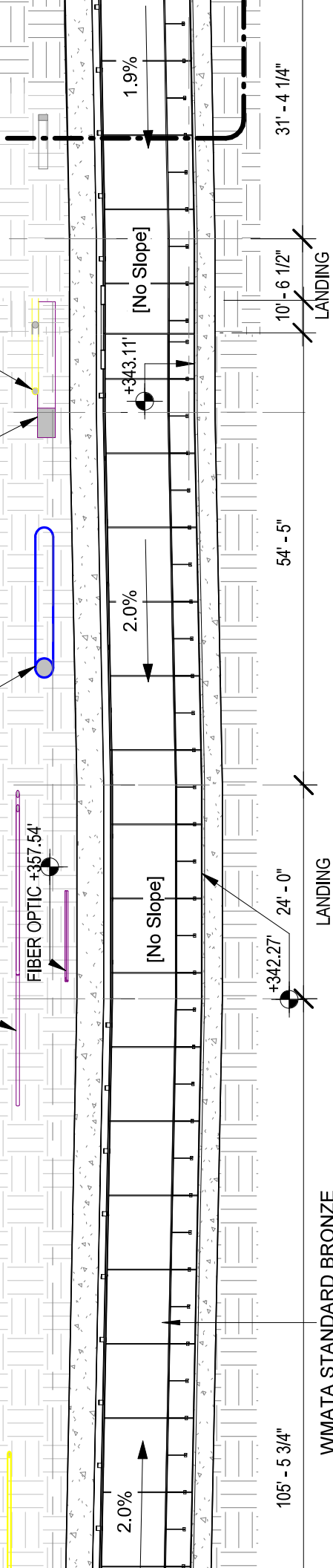
EAST
13.69'

AST
13.69'

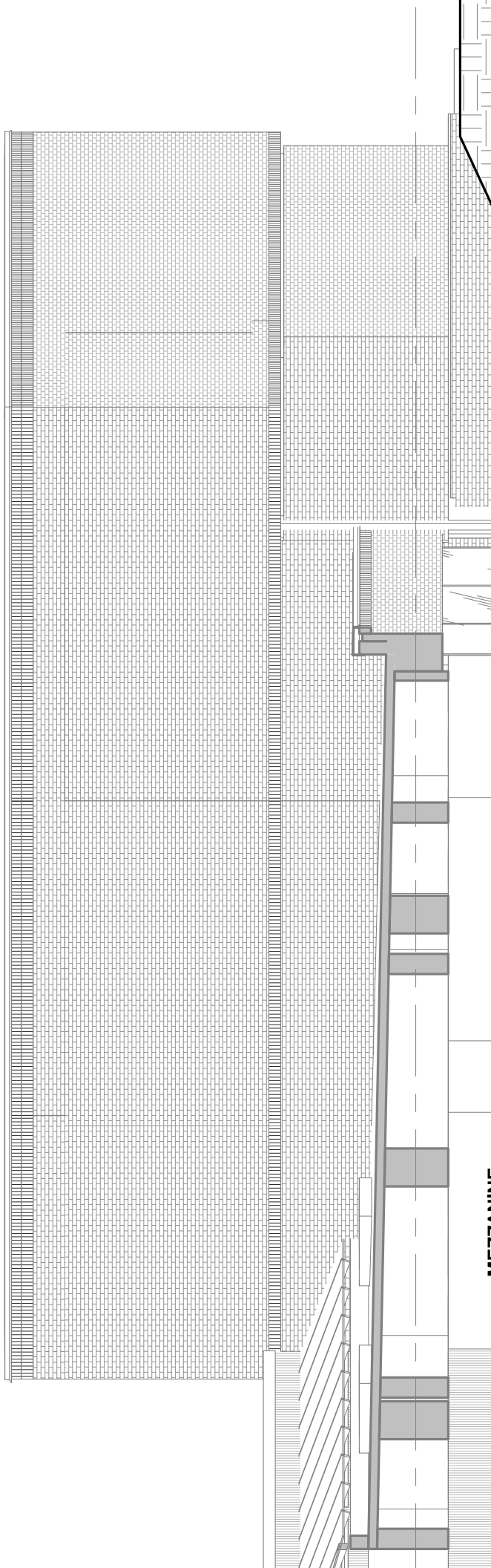
PROP TUNNEL
CL

CAST-IN-PLACE CONCRETE WALL
WITH BOARD FINISH TYPE CF6 /
CF7 (SEE STRUCTURAL
DRAWINGS)





WMATA STANDARD BRONZE
PASSAGEWAY GUARDRAIL TO
MATCH EXISTING NORTH
PASSAGEWAY GUARDRAIL



FINISHES SCHEDULE

13R @ 0' - 6 25/32"

7'-4"

NEW TUNNEL WEST
344.34'

7'-4"

STANDARD WMATA STAIR WITH
GRANITE TREADS AND SS
HANDRAILS & GUARD RAILS.

TYPICAL METRO SS GUARDRAIL &
HANDRAIL WITH GLASS BALUSTRADE
ON PRECAST CONCRETE STRINGER.
REFER TO WMATA DESIGN DIRECTIVE
DRAWINGS FOR BASIS OF DESIGN.

2 SECTION THRU WEST P
B09-A-123 B09-A-301
1/8" = 1'-0"

PROP JT 16

WMATA STANDARD CANOPY

GRANITE CLADDING (TYP), FINISH
GR1

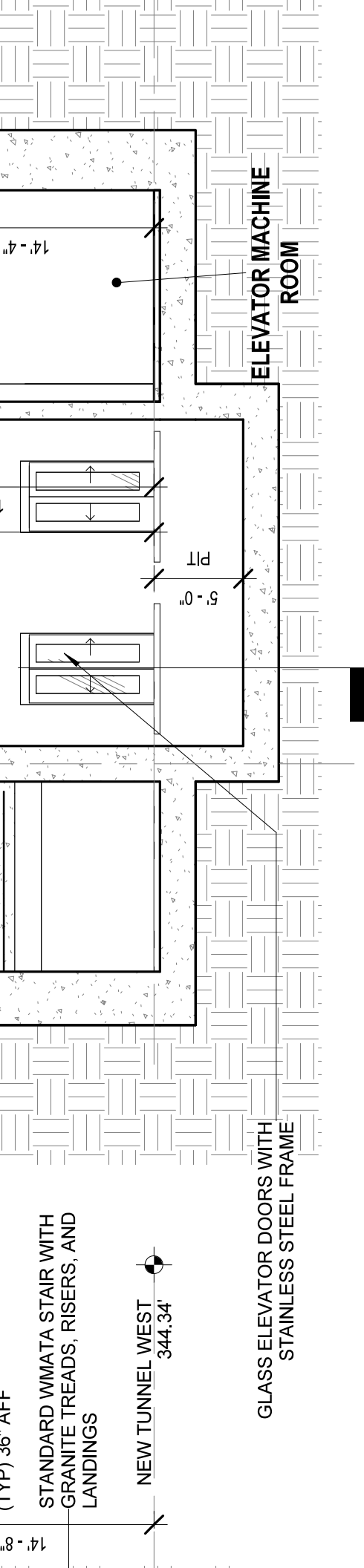
NEW EAST ENTRANCE PLAZA

TYPICAL METRO SS GUARDRAIL &
HANDRAIL WITH GLASS BALUSTRADE
ON PRECAST CONCRETE STRINGER
REFER TO WMATA DESIGN DIRECTIVE
DRAWINGS FOR BASIS OF DESIGN.

NEW PLAZA

10R @ 0' - 6 3/4"

Express Clean Station
Restrooms ♿



CROSS SECTION THRU WEST PASSAGEWAY

2

B09-A-121 | B09-A-302

1/8" = 1'-0"

LEVEL

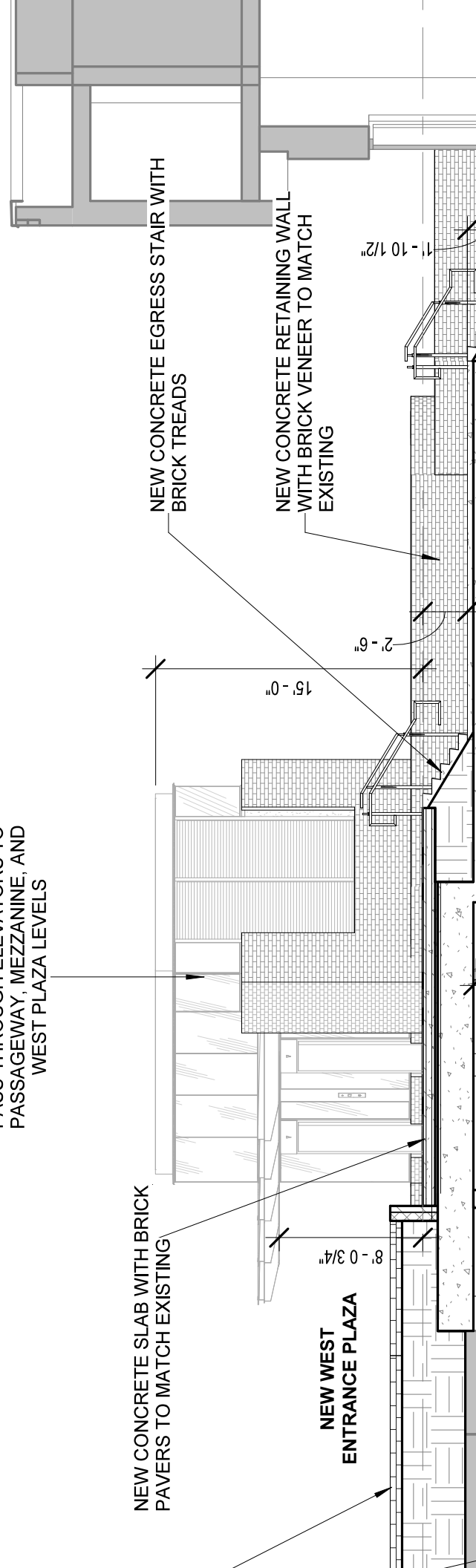
NEW STANDARD WMATA
PASS-THROUGH ELEVATORS TO
PASSAGEWAY, MEZZANINE, AND
WEST PLAZA LEVELS

NEW CONCRETE SLAB WITH BRICK
PAVERS TO MATCH EXISTING

NEW CONCRETE EGRESS STAIR WITH
BRICK TREADS

NEW CONCRETE RETAINING WALL
WITH BRICK VENEER TO MATCH
EXISTING

NEW WEST
ENTRANCE PLAZA



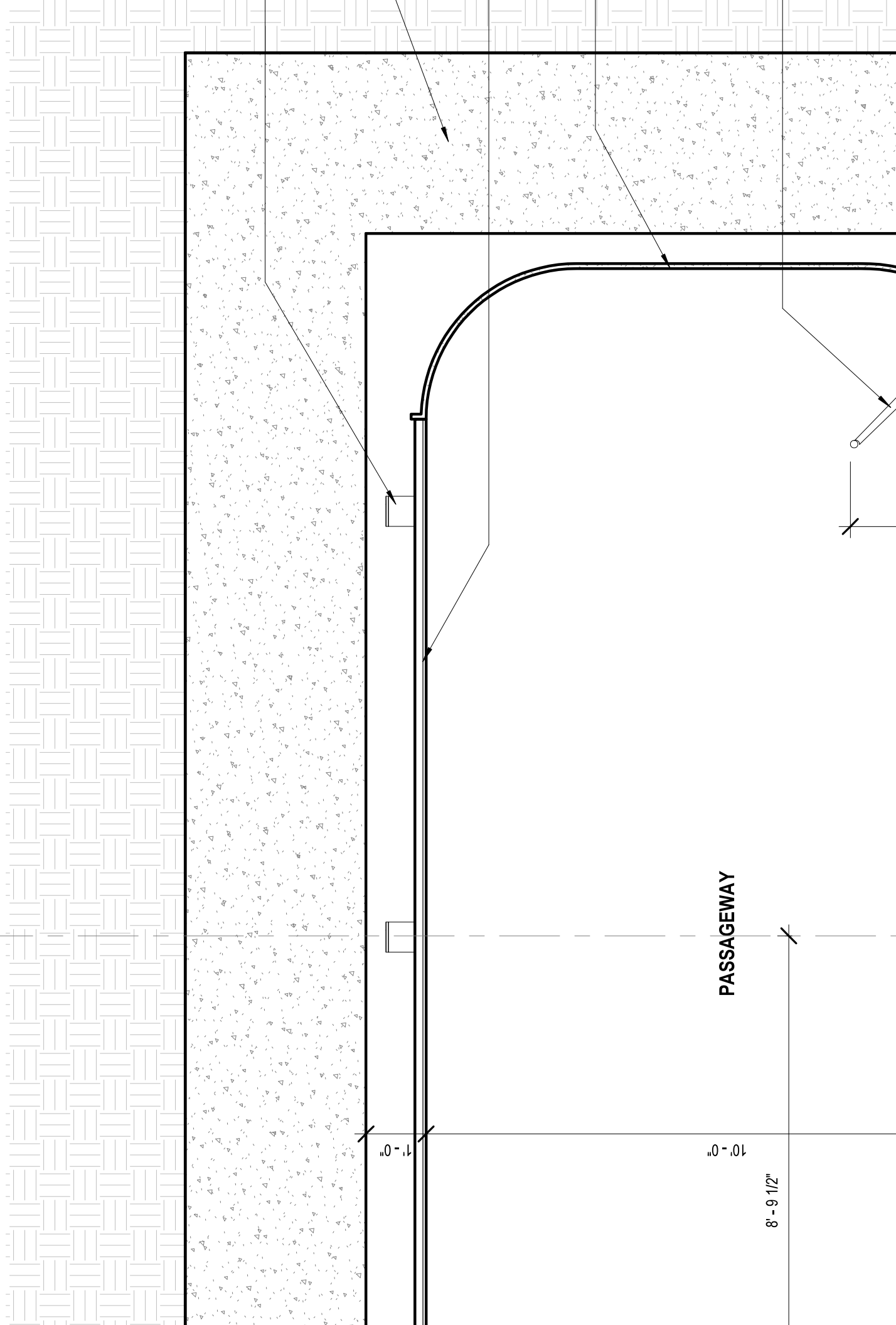
PROP TUNNEL
CL

PASSAGEWAY

8' - 9 1/2"

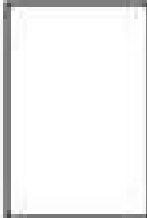
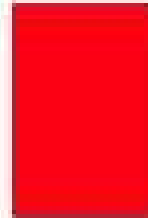
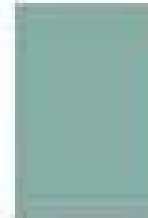
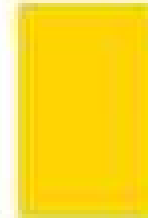
10' - 0"

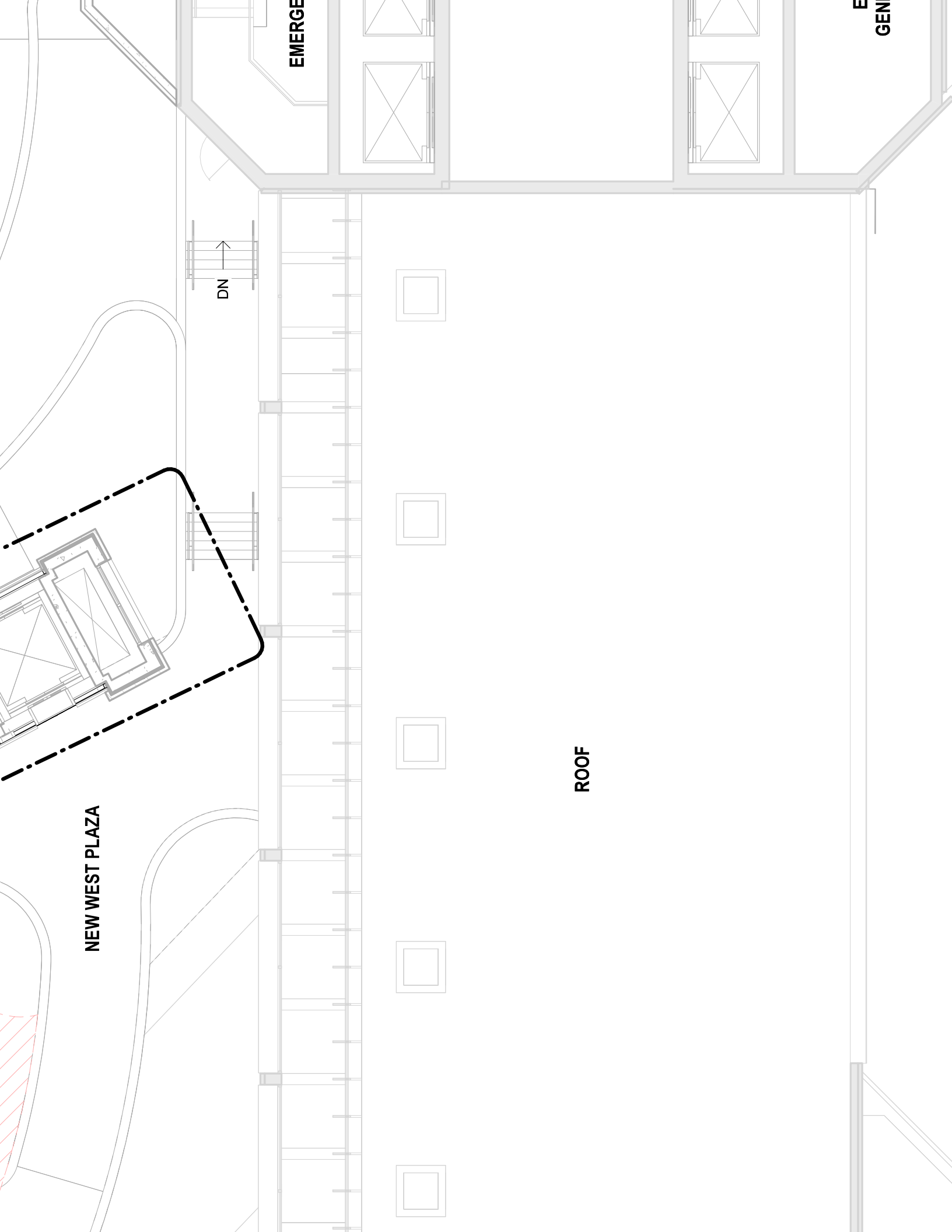
1' - 0"



Materials & Finishes Schedule		
Finish	Comments	
Granite (GR)		
GR1	MT. AIRY WHITE - THERMAL FINISH	
GR3	MT. AIRY WHITE - HONED DULL SHEEN	
Aminate Panels (LP)		
P1	FACADE / CEILING INTERIOR FACES - HIGH-PRESSURE LAMINATE PANELS (TBD)	
P2	FACADE EXTERIOR FACES - HIGH-PRESSURE LAMINATE PANELS (TBD) - COLOR 1	
P3	FACADE EXTERIOR FACES - HIGH-PRESSURE LAMINATE PANELS (TBD) - COLOR 2	
Metal (MT)		
MT1	STAINLESS STEEL WITH #4 BRUSHED FINISH	
MT2	STAINLESS STEEL WITH #4 BRUSHED FINISH (FOR ELEVATOR CLADDING)	
MT3	GALVANIZED STEEL	
MT4	DARK BRONZE	
MT5	TRAIN ROOM ELEVATOR - STEEL WITH FINISH TO MATCH EXISTING ELEVATOR	
MT6	CURTAIN WALL MULLIONS - ALUMINUM WITH DURANAR SUNSTORM ARCADIA SILVER (UC70123F)	
MT7	HEADHOUSE MISC. METALS - ALUMINUM WITH DURANAR SUNSTORM ARCADIA SILVER (UC70123F)	
MT8	METAL COLUMN COVER, COLOR TBD	
Metal Pan Ceiling (MPC)		
MPC1	30" X 30" METAL PAN CEILING WITH CONCEALED METALWORKS TORSION SPRINT AND METAL SUSPENSION SYSTEM, WHITE	
MPC2	2'-WIDE METAL PAN CEILING WITH CONCEALED TORSION SPRING AND METAL SUSPENSION SYSTEM AND PERIMETER TRIM, LENGTH TO FOLLOW DRAWINGS, WHITE	

Materials	
Finish	
PNT8	WMATA Canopy Headhouse Door
PNT9	Black
PNT10	Sherwin Williams
PNT11	Sherwin Williams
Plastic Lamiate (PLAM)	
PLAM1	Astro Strandz
Quarry Tile (QT)	
QT1	WMATA Standard Size to Match Existing
Roofing (RF)	
RF1	Standing Seam Metal with Finish (TBD)
Rubber Base (RB)	
RB1	#174 Smoke Pinn
Solid Surface Counter	
SSC1	Hi-Macs, Color C
Vinyl Composition Tile (VCT)	
VCT1	Migrations BBT
VCT2	Excelon SDT 12"
Wainscott (WC)	

Color	Name	PMS #	Federal Spec No.	Munsell
	Metro Brown		Federal Spec No. 20040	Munsell 1.0Y 1.0Y
	White			Munsell N9.5
	Black			Munsell N 1.0
	Regulatory Red	PMS 185C		Munsell 7.5 R
	Silver Line	PMS 443C		
	Yellow	PMS 109C		Munsell 5Y 8
	Stonington Gray Structure paint		Benjamin Moore HC-170	



EMERGENCY

GENERATOR

DN

ROOF

NEW WEST PLAZA

FOREST GLEN RD. (MD 192)



SIGN TYPE ADA.03

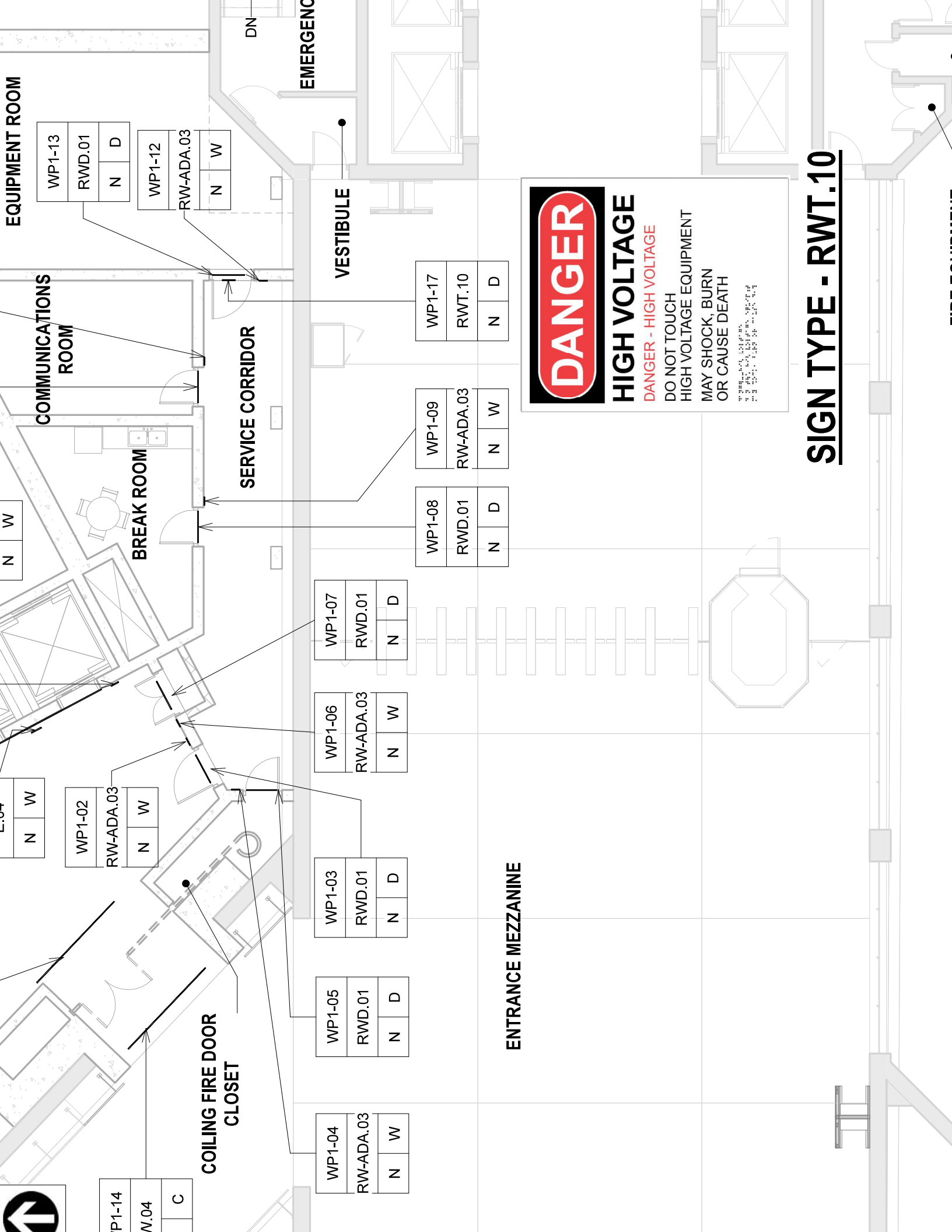
SIGN TYPE ADA.02



S-04
ADA.03
N
W



S-03
P.B
V
E



P1-14
N.04
C

N	W
---	---

WP1-02	
RW-ADA.03	
N	W

WP1-04	
RW-ADA.03	
N	W

WP1-05	
RWD.01	
N	D

WP1-03	
RWD.01	
N	D

WP1-06	
RW-ADA.03	
N	W

WP1-07	
RWD.01	
N	D

WP1-08	
RWD.01	
N	D

WP1-09	
RW-ADA.03	
N	W

WP1-17	
RWT.10	
N	D

WP1-13	
RWD.01	
N	D

WP1-12	
RW-ADA.03	
N	W

ENTRANCE MEZZANINE

VESTIBULE

SERVICE CORRIDOR

COILING FIRE DOOR CLOSET

BREAK ROOM

COMMUNICATIONS ROOM

EQUIPMENT ROOM

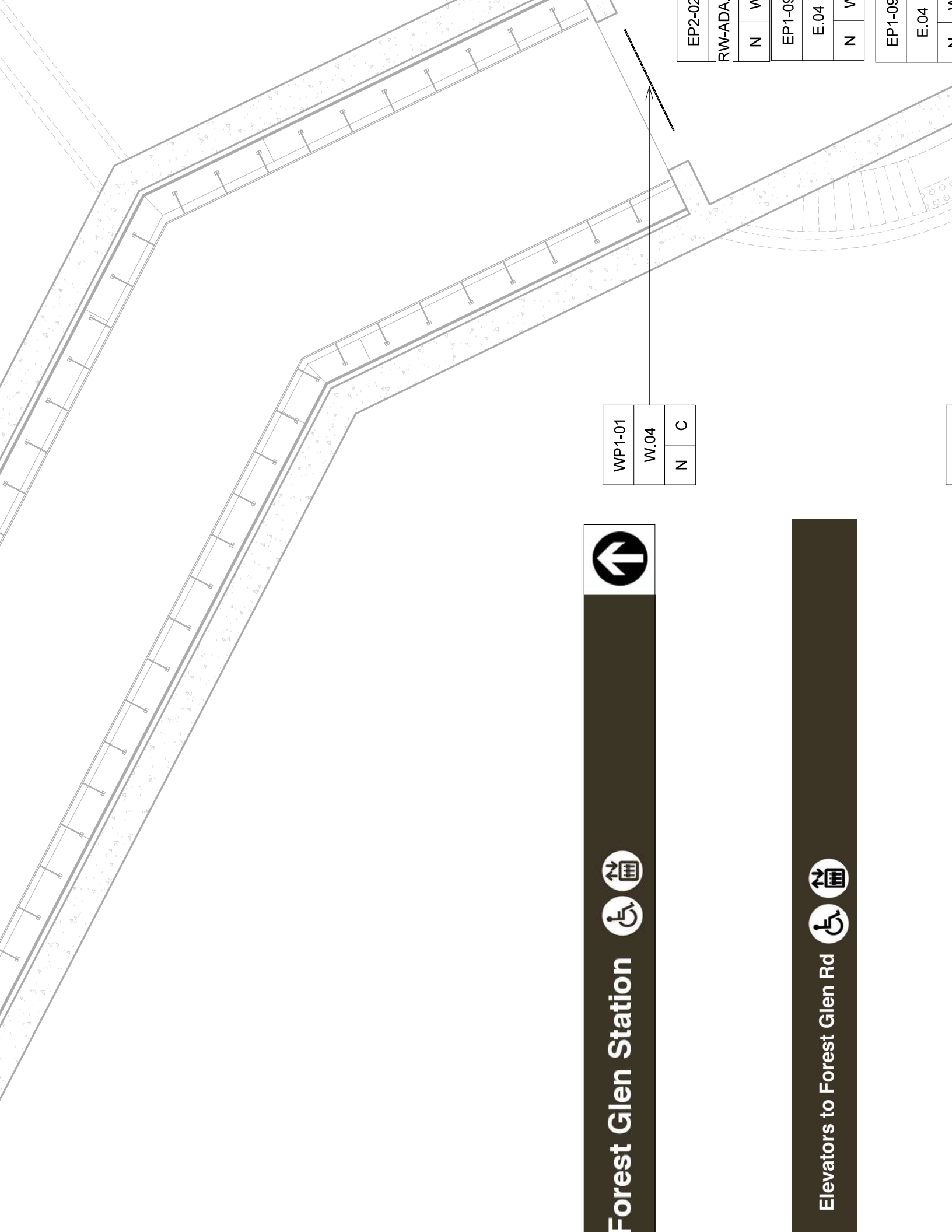
DANGER

HIGH VOLTAGE

DANGER - HIGH VOLTAGE

DO NOT TOUCH
HIGH VOLTAGE EQUIPMENT
MAY SHOCK, BURN
OR CAUSE DEATH

SIGN TYPE - RWT.10



Forest Glen Station



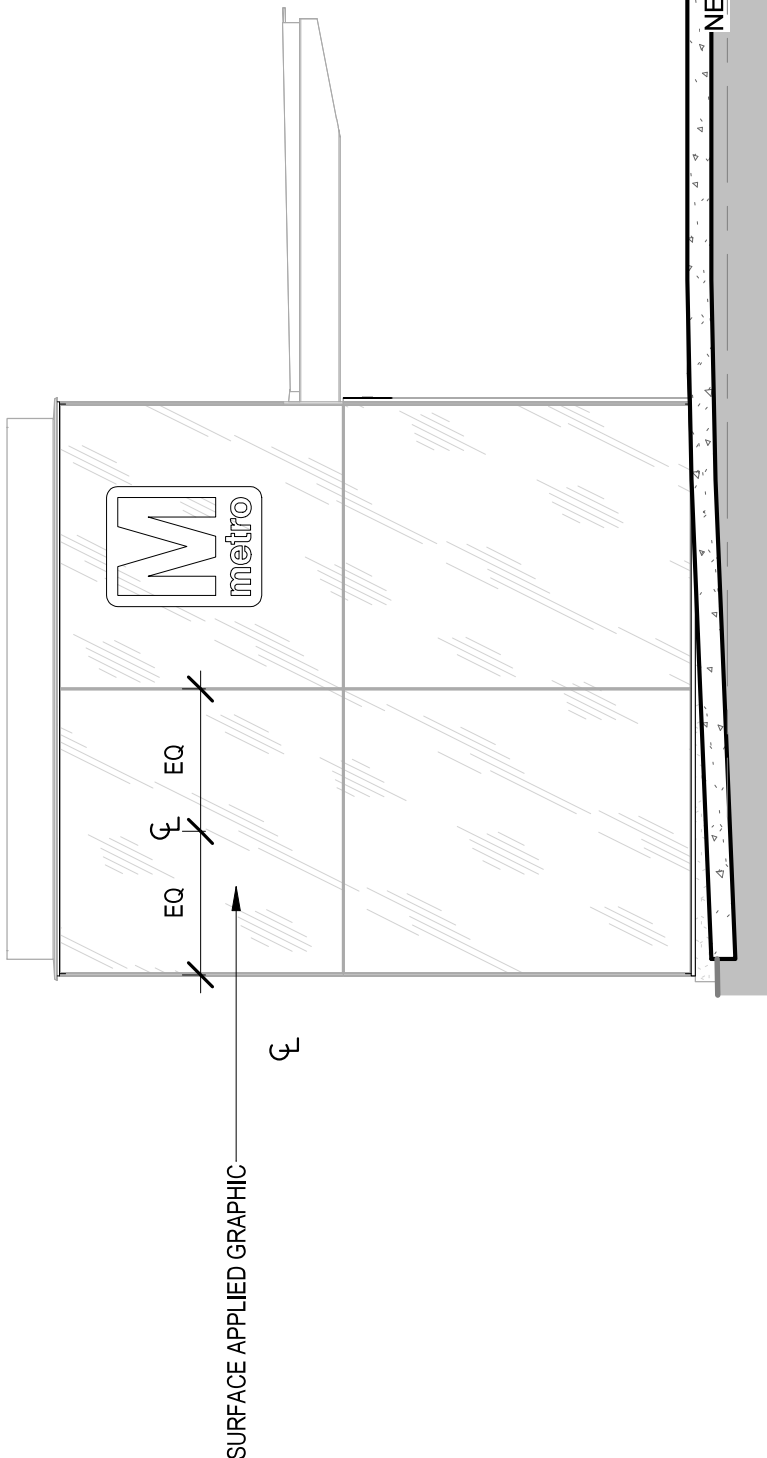
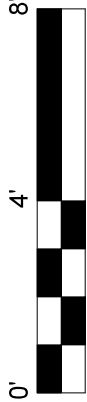


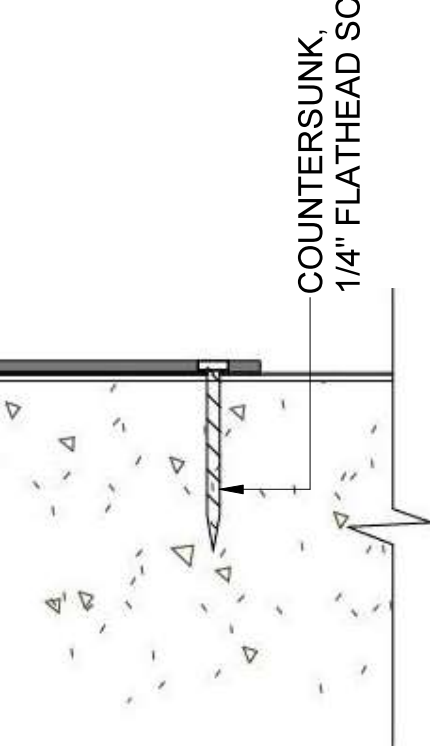
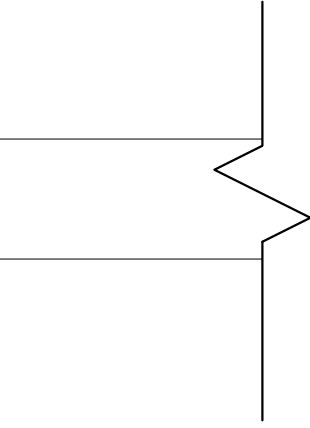
Elevators to Forest Glen Rd



WP1-01		
W.04	N	C

EP2-02		
RW-ADA	N	W
EP1-03	N	V
E.04	N	V
EP1-09	N	V
E.04	N	V



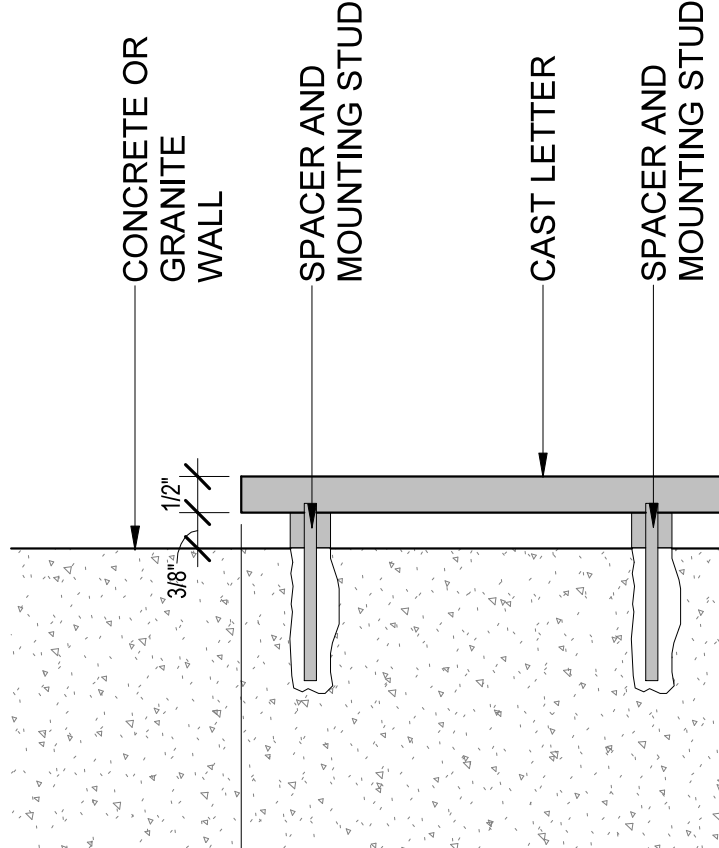


COUNTERSUNK,
1/4" FLATHEAD SCREW

4 MOUNTING FIRE RATED DOOR

B09-AG-401

6" = 1'-0"



CONCRETE OR
GRANITE
WALL

SPACER AND
MOUNTING STUD

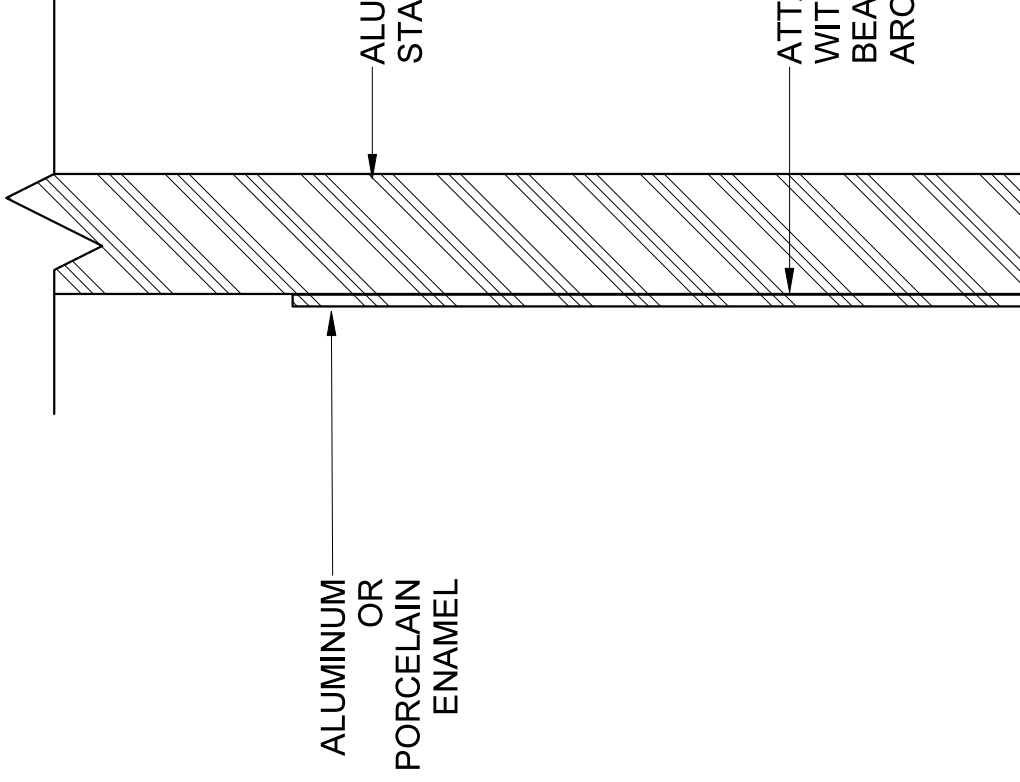
CAST LETTER

SPACER AND
MOUNTING STUD

2 MOUNTING WITH SCREWS

B09-AG-401

6" = 1'-0"

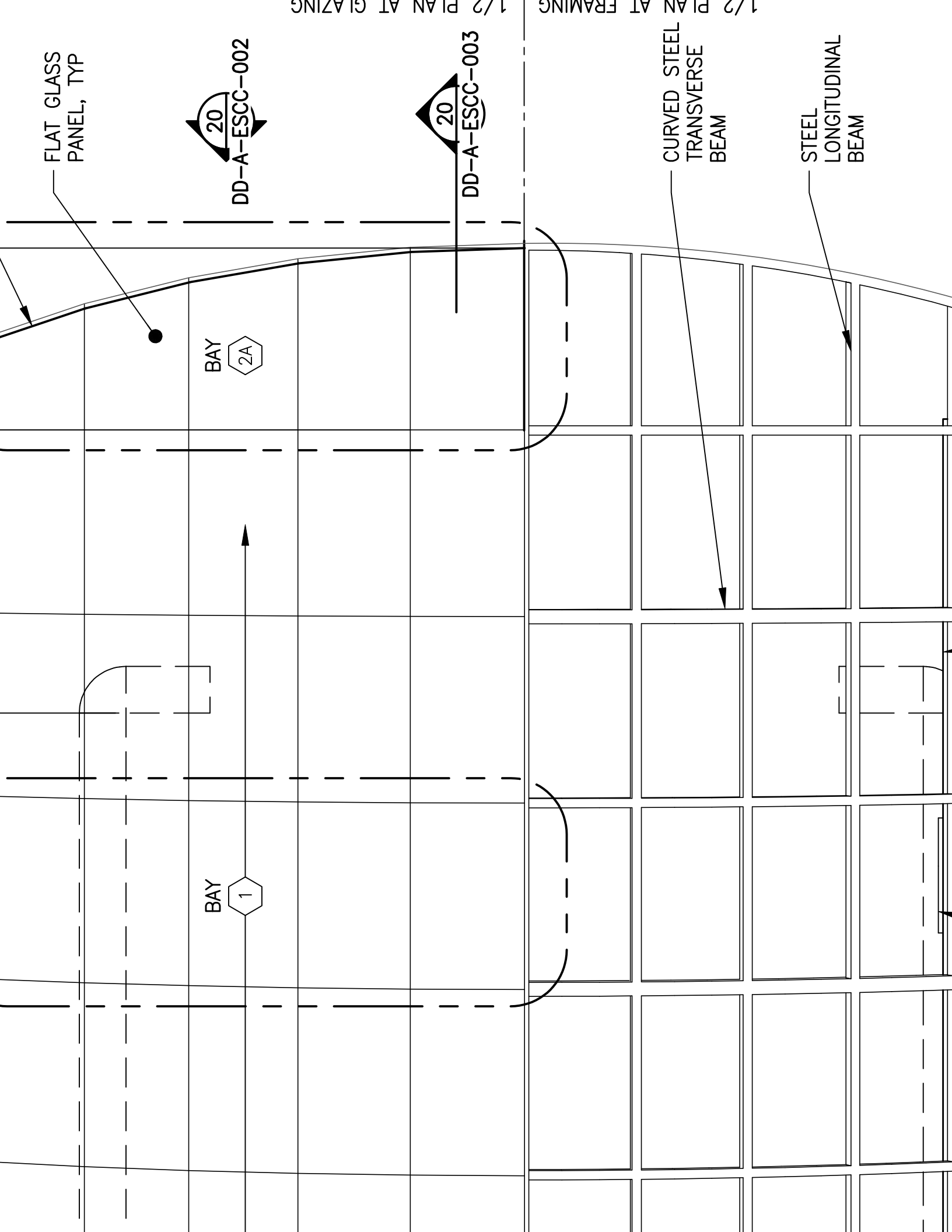


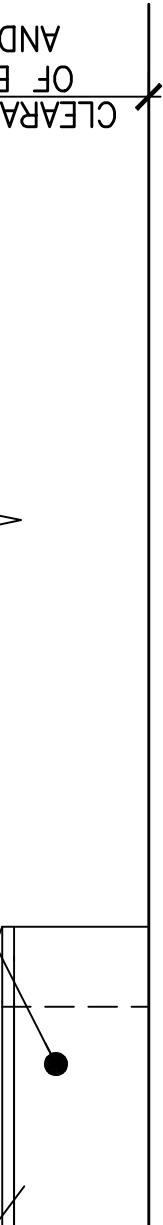
ALUMINUM
OR
PORCELAIN
ENAMEL

ALUMINUM OR
STAINLESS STEEL

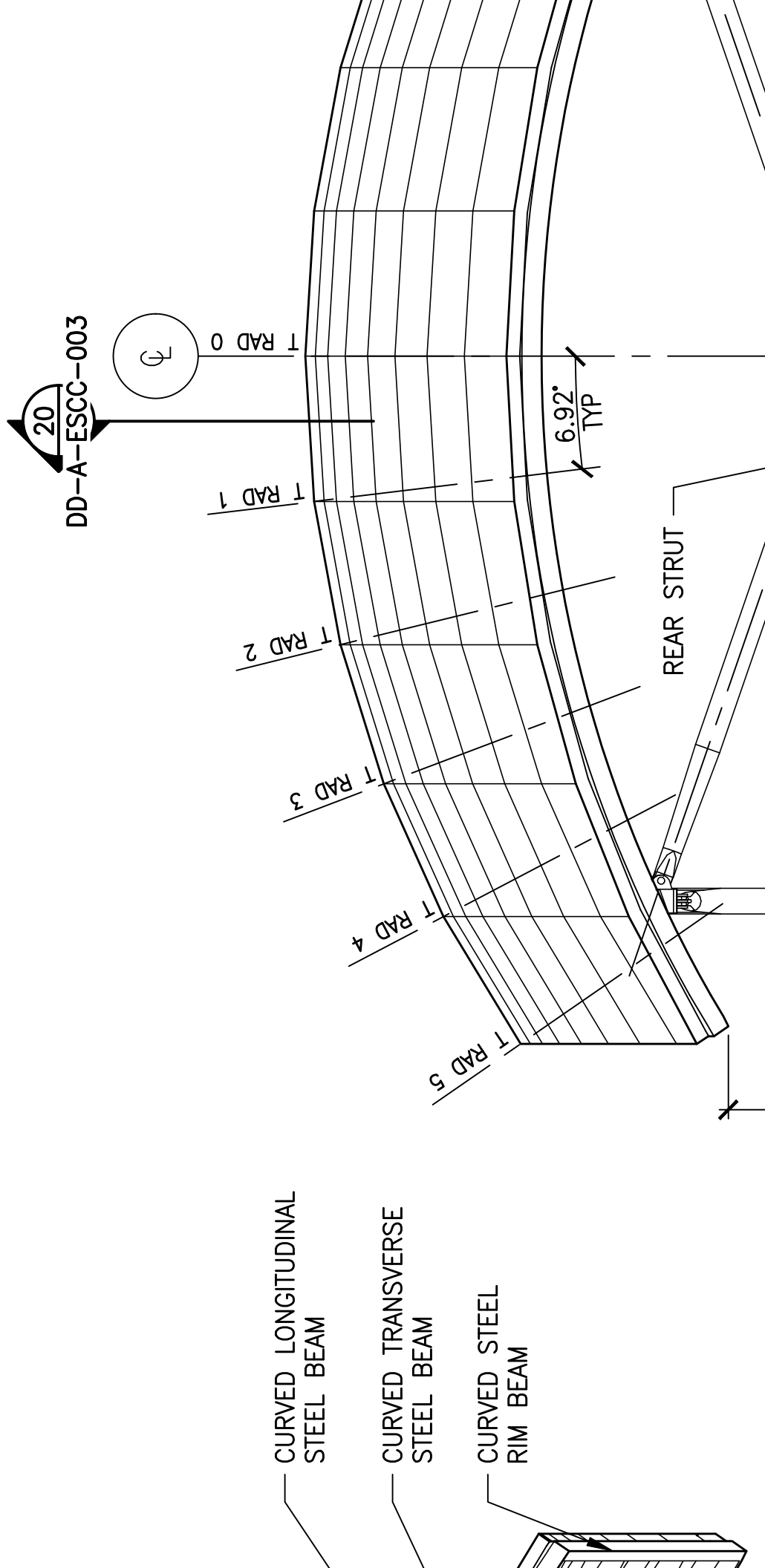
ATTACH TO ALUMINUM
OR STAINLESS STEEL
WITH VHB TAPE
BEAD OF SILICONE
BEAD OF SILICONE
AROUND EDGE

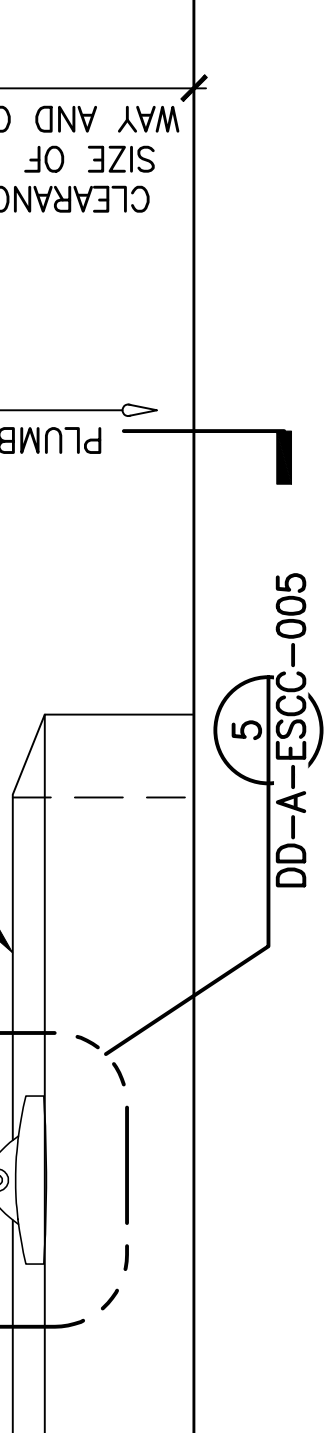
	N	D	B09-AG-113	6/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
	N	C	B09-AG-113	5/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
	N	C	B09-AG-113	7/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	W	B09-AG-113	1/B09-AG-401
assistance press	N			
	N	D	B09-AG-113	8/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
habable by fine and/or	N	W	B09-AG-113	5/B09-AG-401
	N	D	B09-AG-113	8/B09-AG-401
	N	W	B09-AG-113	6/B09-AG-401
assistance press	N	W	B09-AG-114	1/B09-AG-401
assistance press	N	W	B09-AG-114	1/B09-AG-401
habable by fine and/or	N	W	B09-AG-114	1/B09-AG-401
habable by fine and/or	N	W	B09-AG-114	1/B09-AG-401
	N	W	B09-AG-114	6/B09-AG-401
habable by fine and/or	N	W	B09-AG-114	1/B09-AG-401





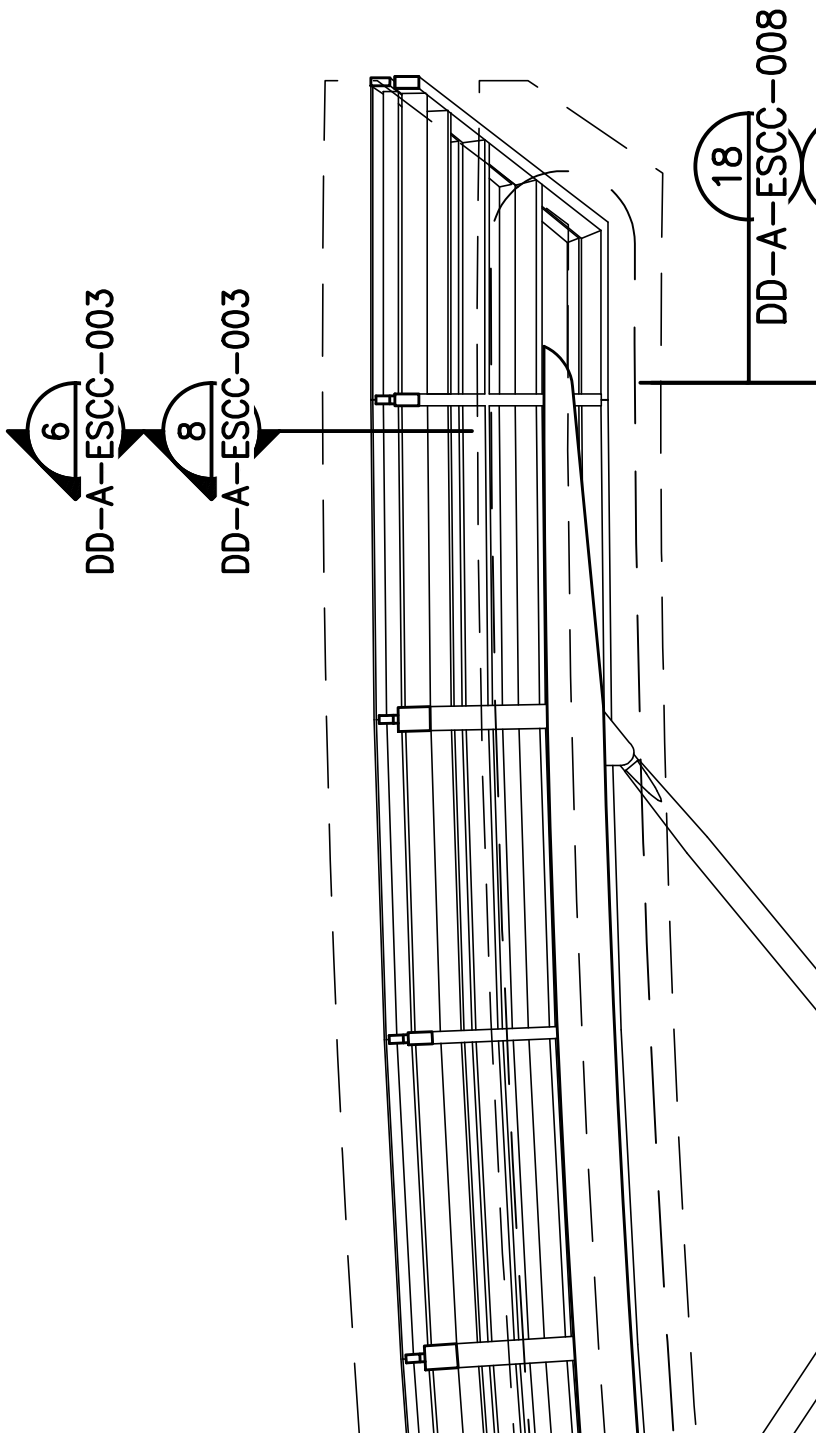
SCALE: 1/4"=1'-0"





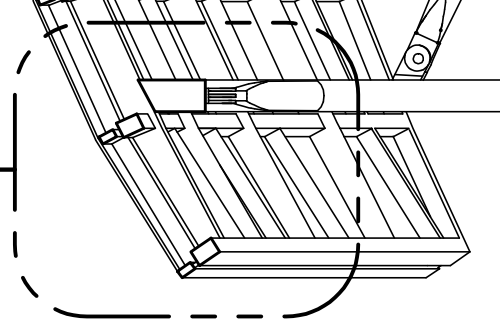
SCALE: 1/4"=1'-0"

6 TYP
DD-A-ESCC-003



DD-A-

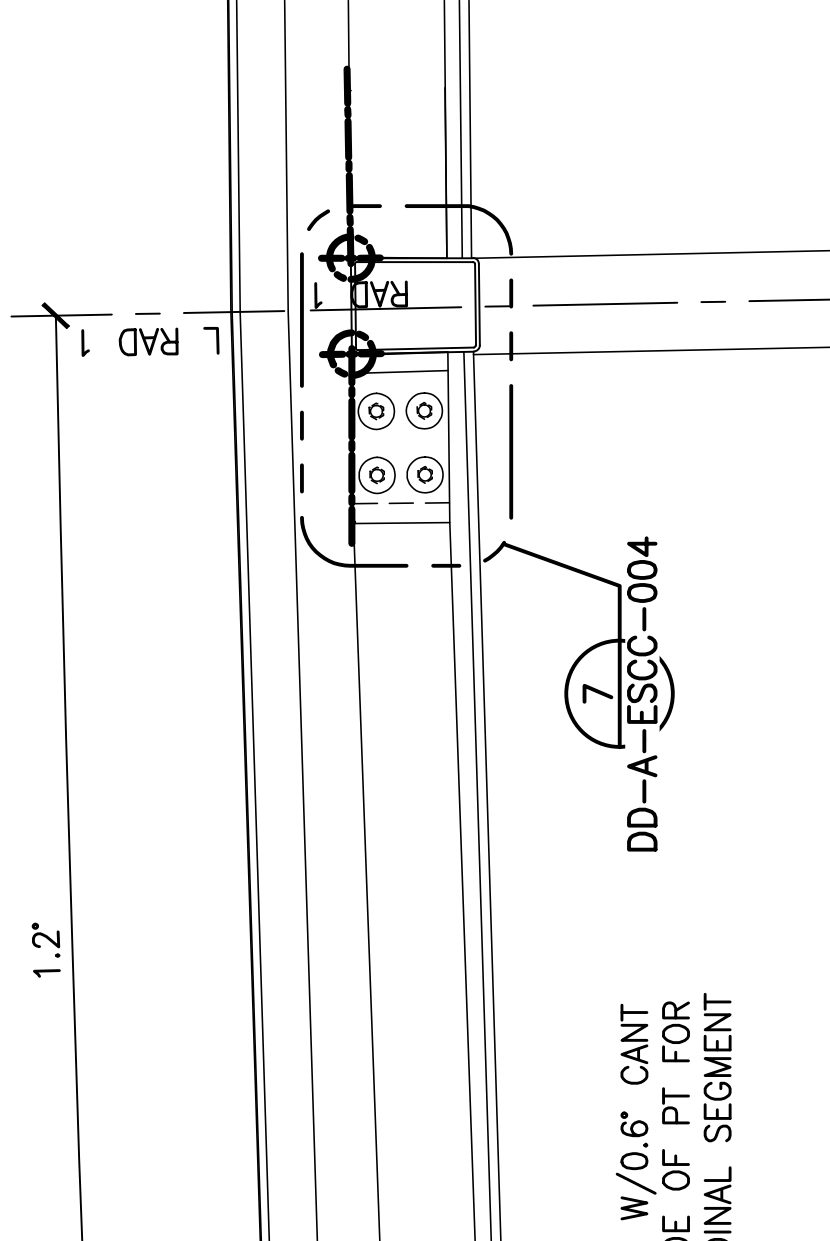
DD-A-



(9) TYPICAL EVEN BAY ASSEMBLY

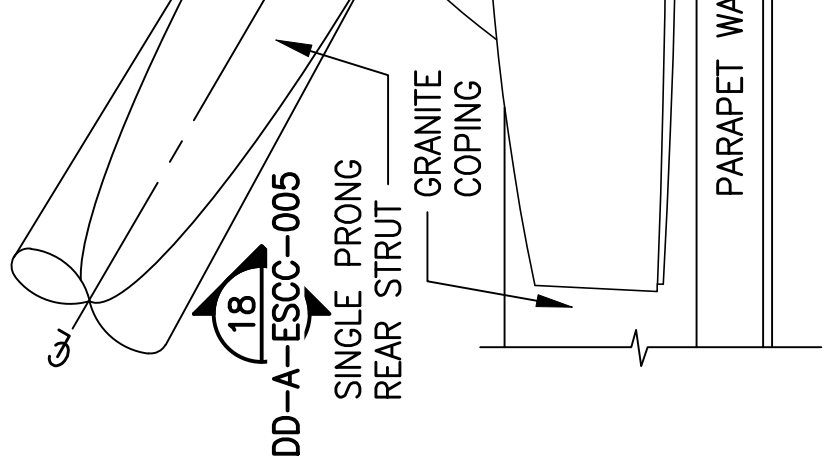
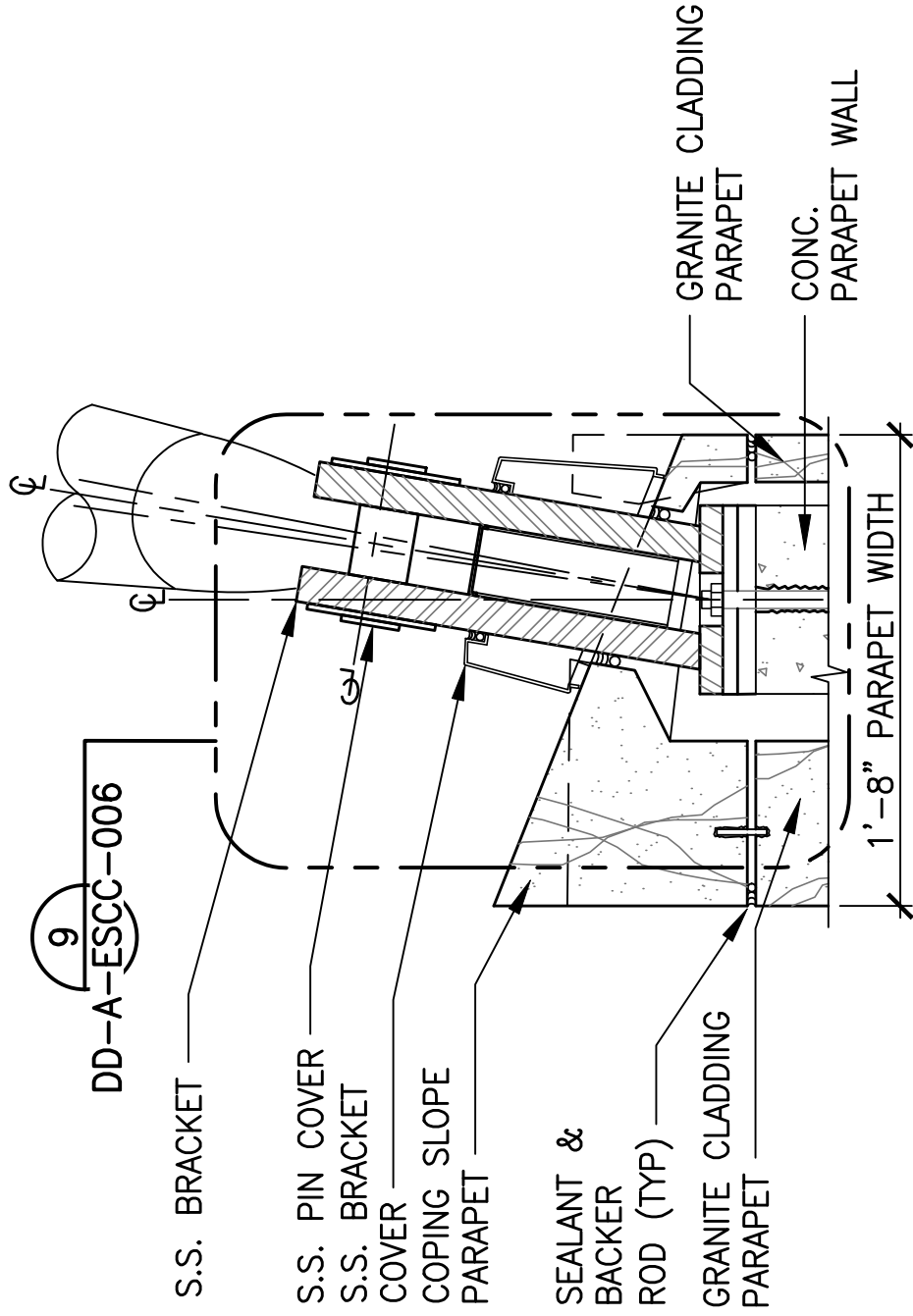
DD-A-ESCC-004

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

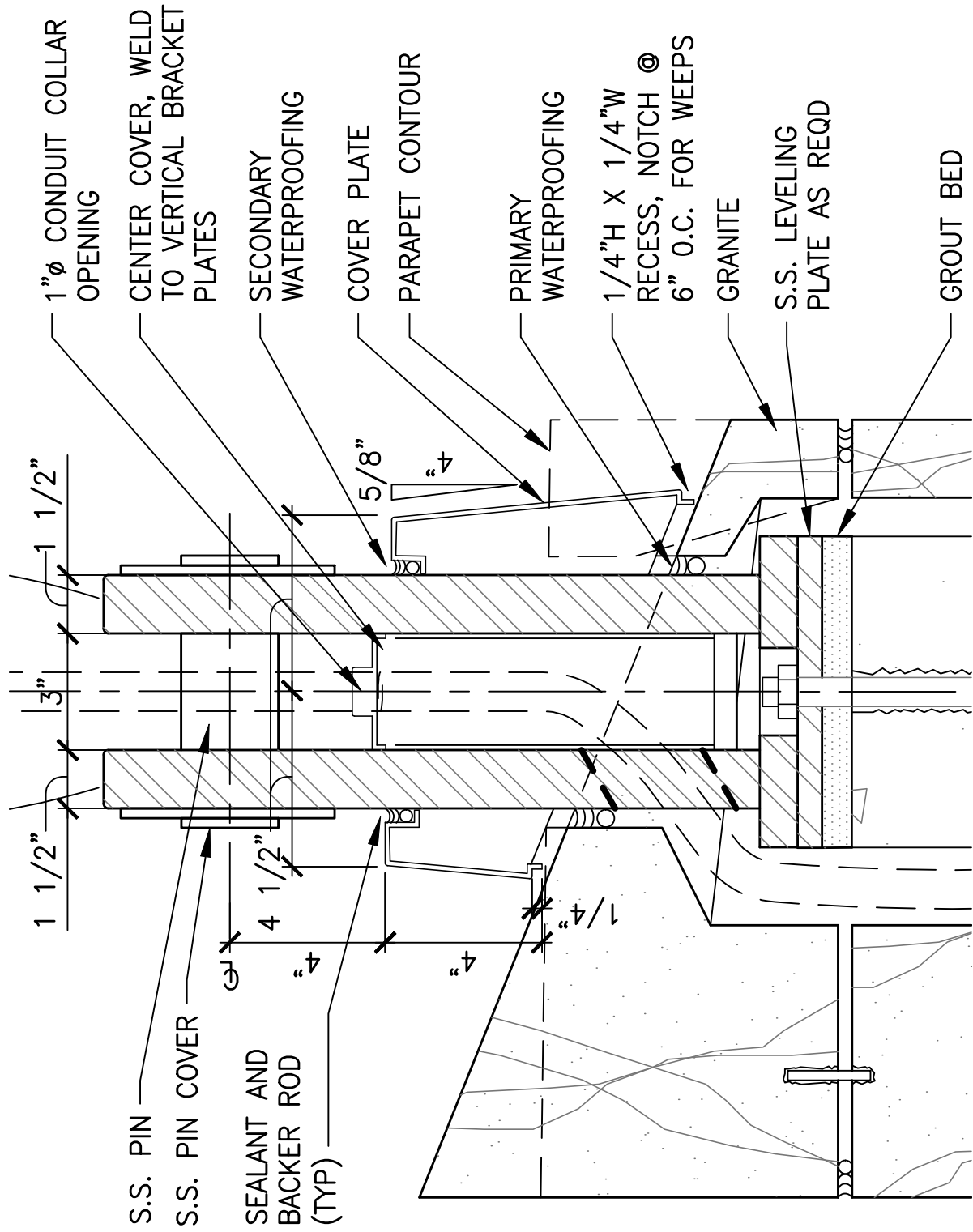


SCALE: 1"=1'-0"

7 MOD. CC
DD-A-ESCC-004

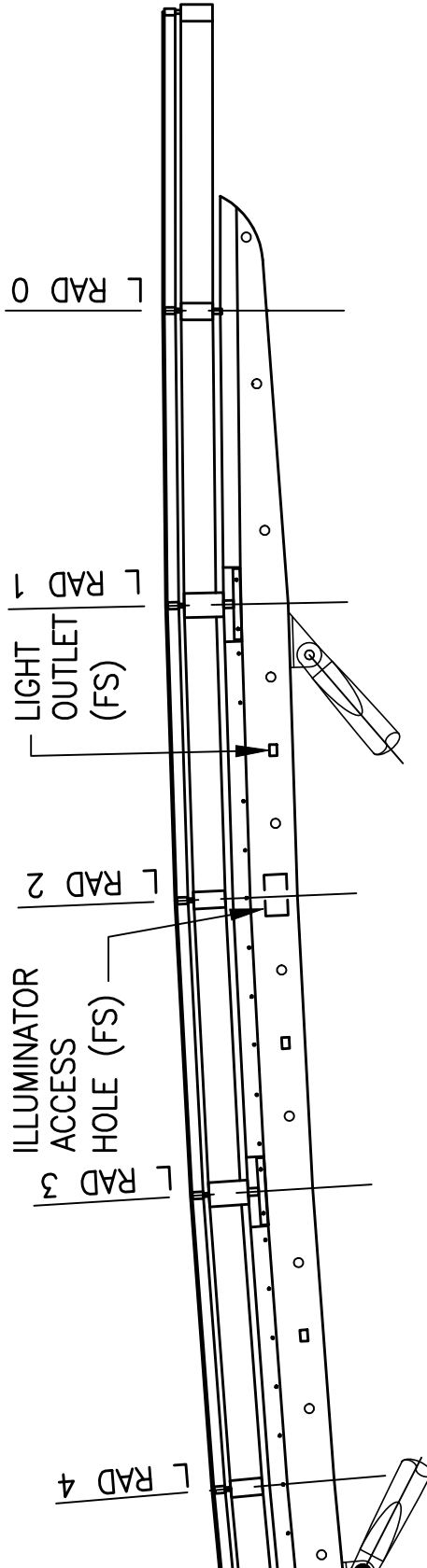


- 3/4" LIQUIDTITE CONDUIT 1" O.D.
- S.S. 1-1/4"Ø PIPE SLEEVE FOR ELEC. CONDUIT WHERE REQD
- PROVIDE ACCESS HOLE FOR ELEC. CONDUIT WHERE REQD

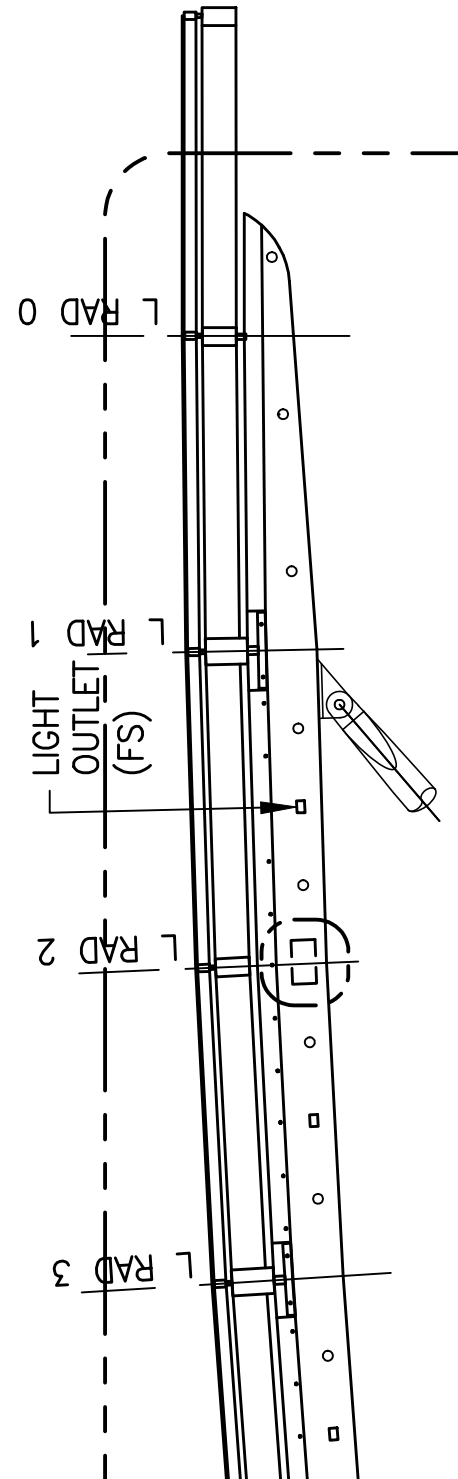


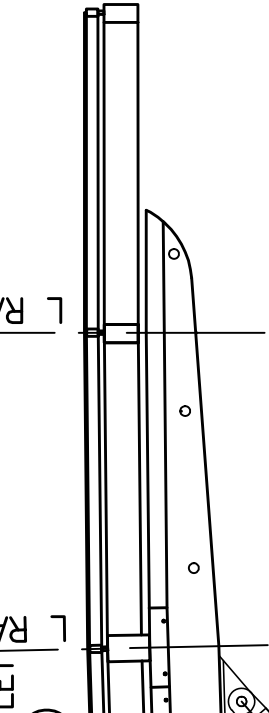
SECURE WELLWAY SIDE OF
 COVER W/ FLUSH S.S. SCREWS

1/4"

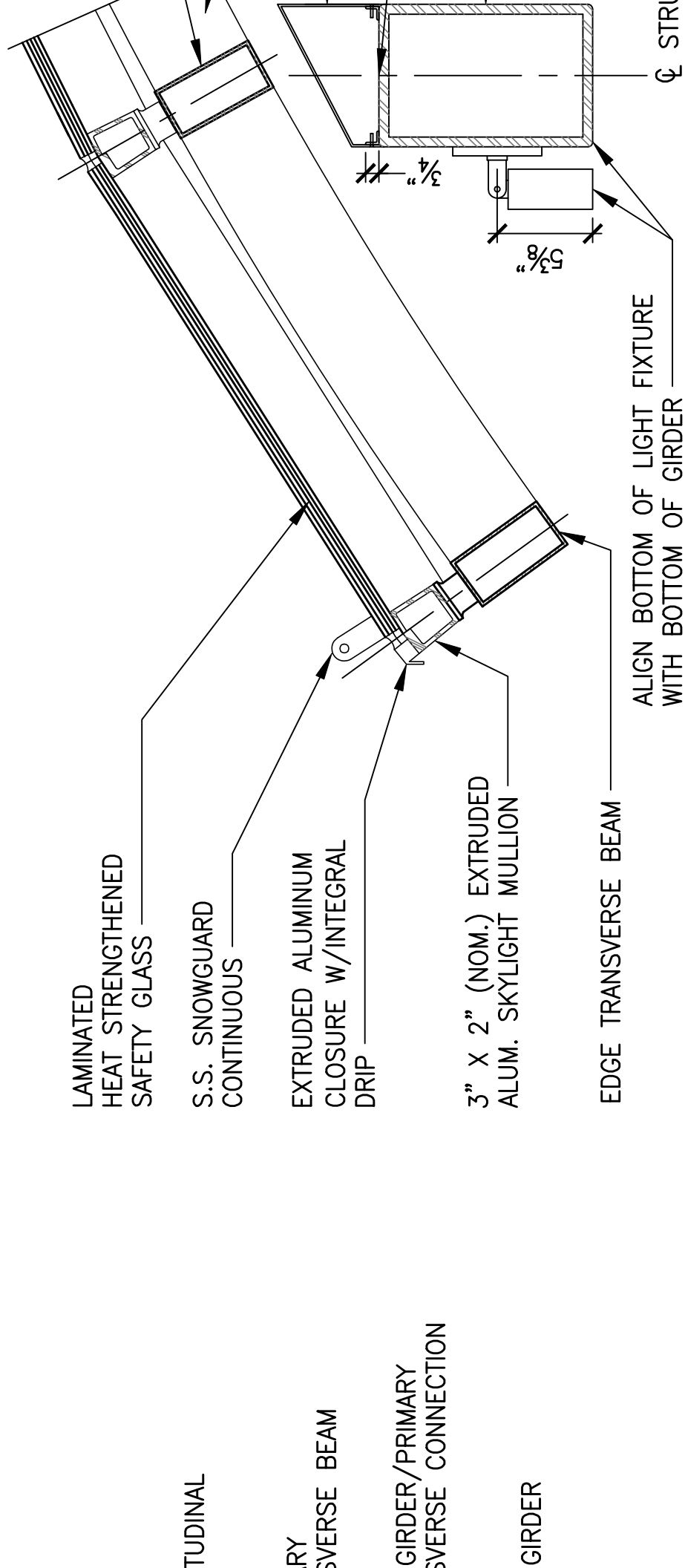


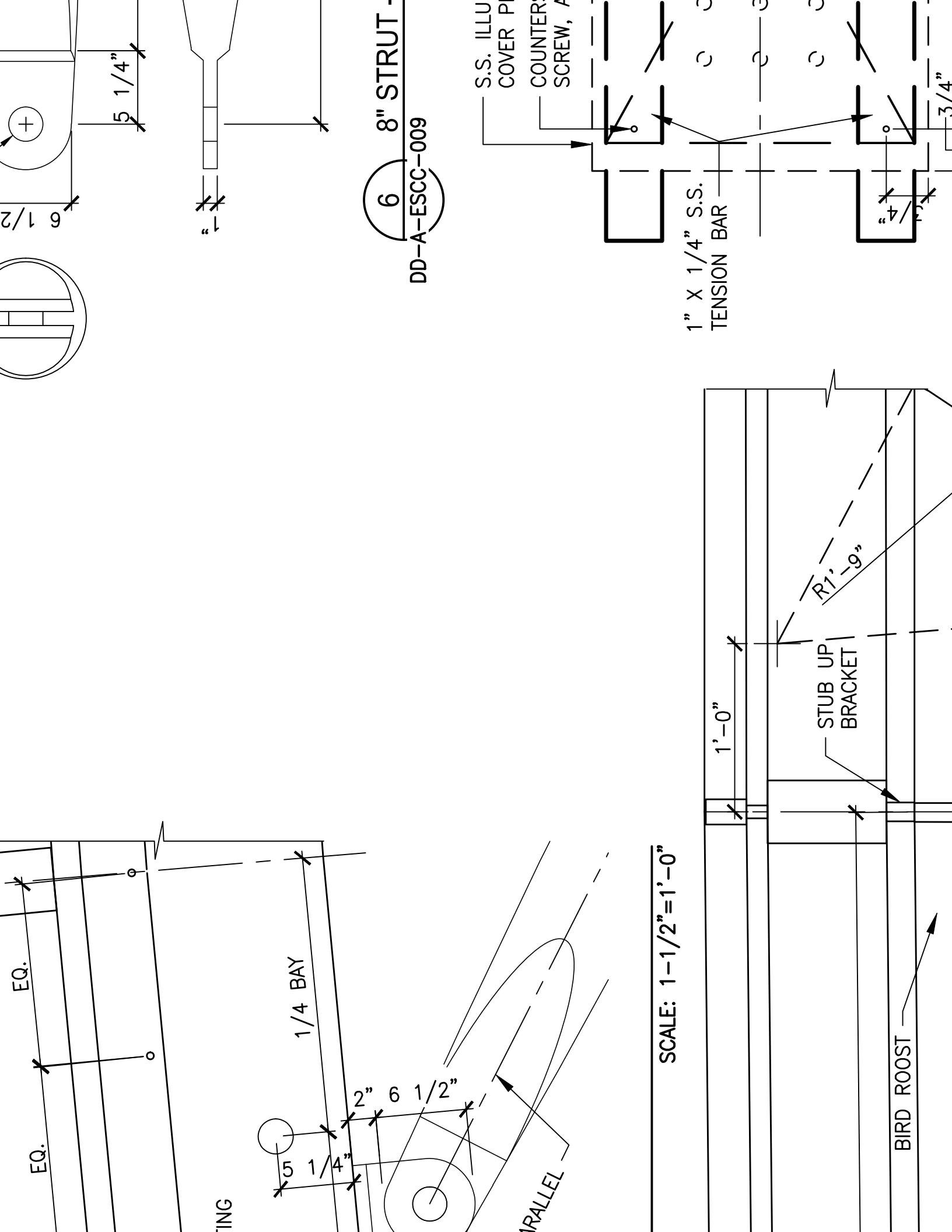
SCALE: 1/4"=1'-0"





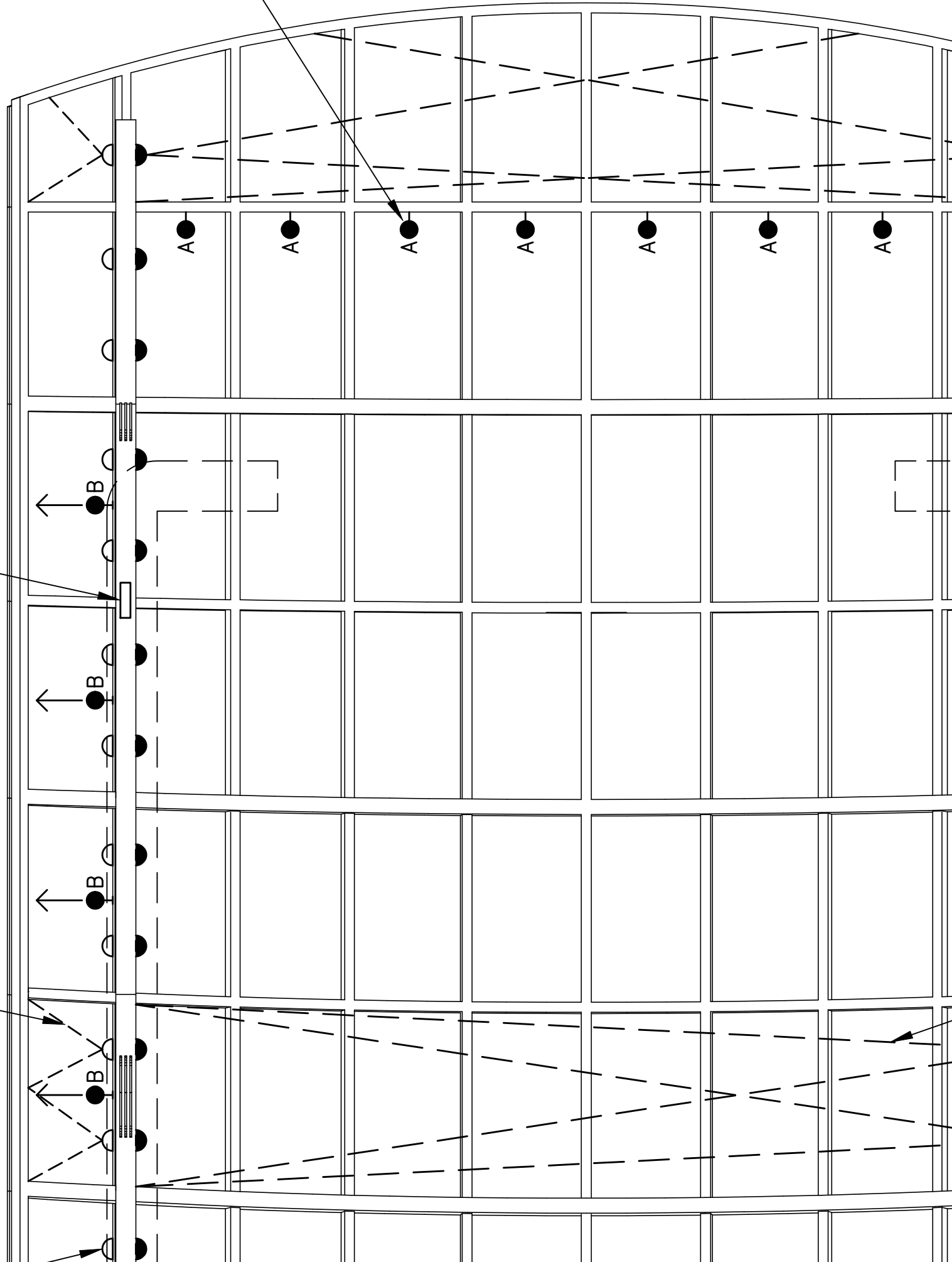
SCALE: 1/4"=1'-0"



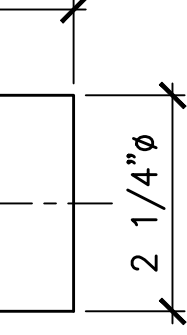


OF FILLING FO-0 (TYP)

LOCATION VANES ACCORDING TO NUMBER
OF LONGITUDINAL BAYS, SEE TYPICAL DETAILS



LOCKED INTO 'FIXED' A
OR 'B' ORIENTATION



ELEVATION

FRONT ELEVATION

FIXTURE LED DOWNLIGHT

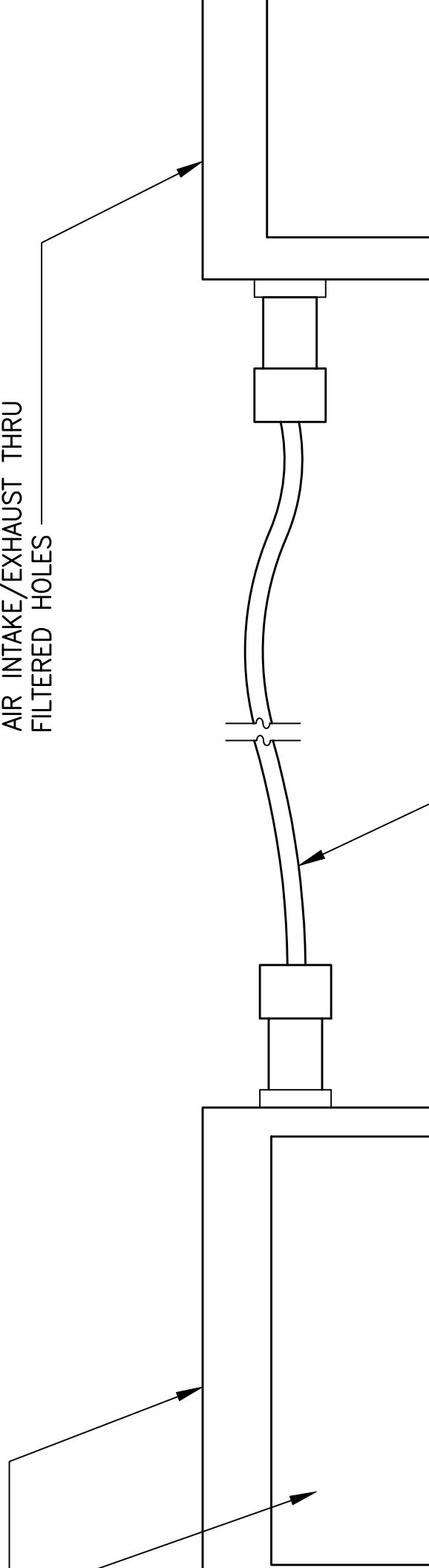
SCALE: 6"=1'-0"

TYP
CAP
6
DD-A-ESCC-011

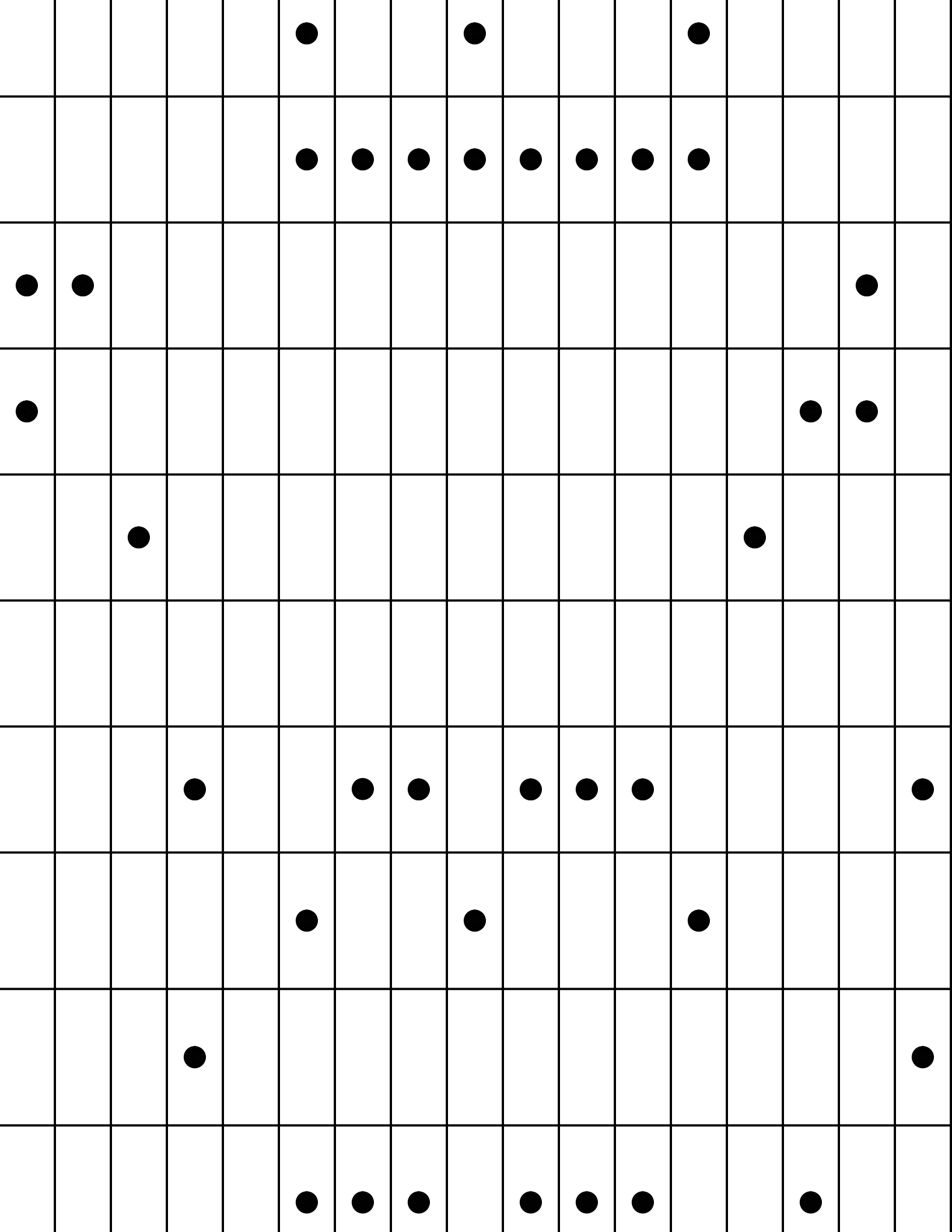
VERS

LAMP CHAMBER FOR CERAMIC
METAL HALIDE LAMP WITH INTEGRAL
REFLECTOR AND COOLING FAN.
AIR INTAKE/EXHAUST THRU
FILTERED HOLES

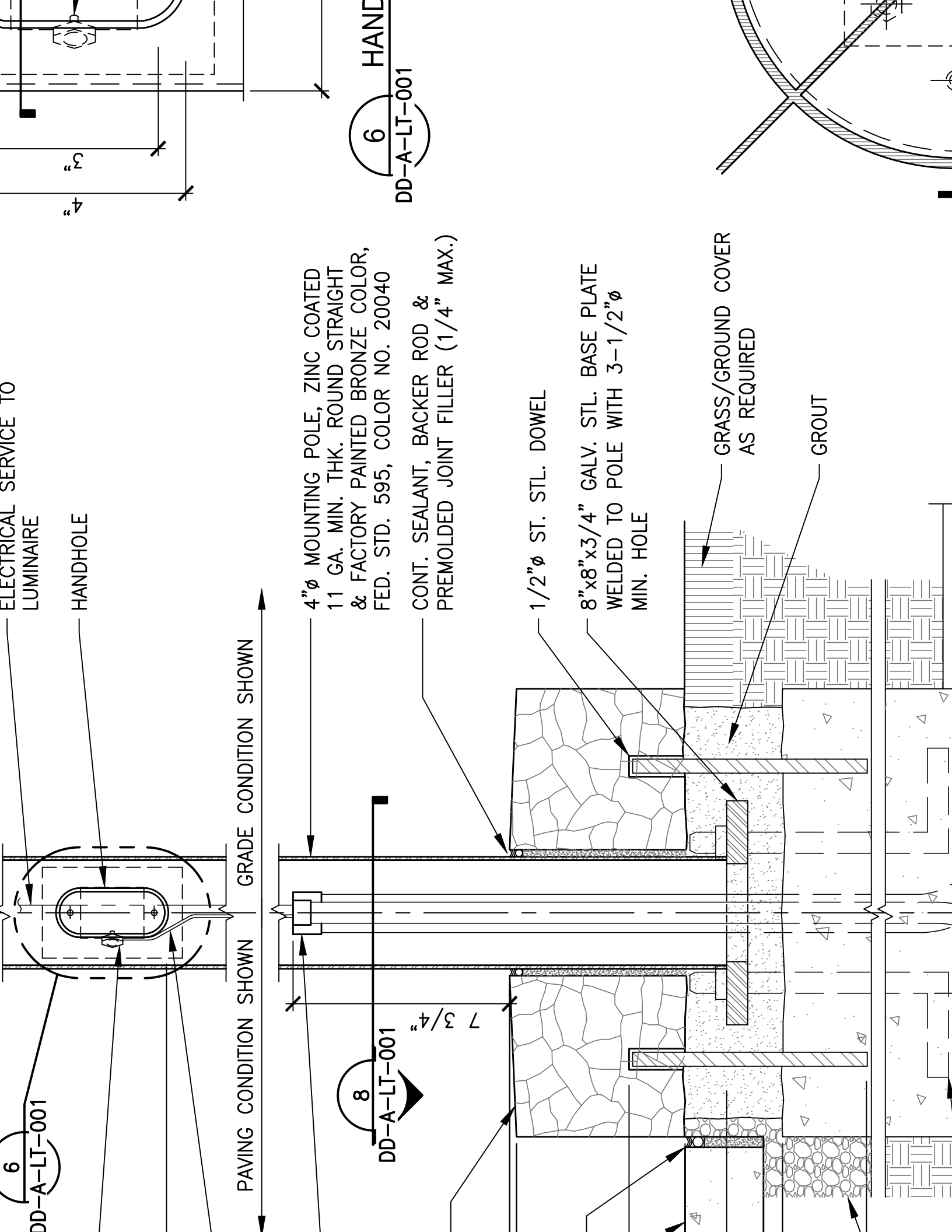
COMMON E
GLASS FIBER



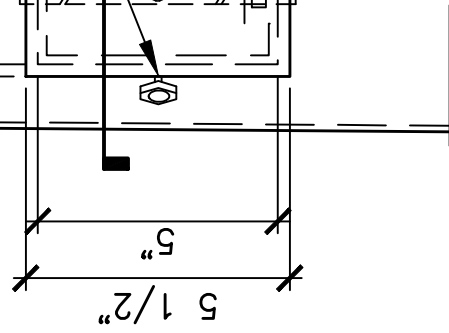
[illegible]



			CMU/CONCRETE	EXPOSED		
				GLAZED	GYPSUM BOARD	
E	UNGLAZED	CERAMIC TILE	GLAZED	PAINTED	GYPSUM BOARD	PAINTED
E	UNGLAZED	CERAMIC TILE	GLAZED	PAINTED	GYPSUM BOARD	PAINTED
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
E	UNGLAZED	CERAMIC TILE	GLAZED	PAINTED	GYPSUM BOARD	PAINTED
BER	FACTORY FINISH	CMU/CONCRETE	PAINTED	ACT	ACT	-----
BER	FACTORY FINISH	CMU/CONCRETE	PAINTED	ACT	ACT	-----
E	UNGLAZED	CERAMIC TILE	GLAZED	PAINTED	GYPSUM BOARD	PAINTED
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
BER	FACTORY FINISH	CMU/CONCRETE	PAINTED	ACT	ACT	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
BER	FACTORY FINISH	CMU/CONCRETE	PAINTED	ACT	ACT	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
BER	FACTORY FINISH	CMU/CONCRETE	PAINTED	ACT	ACT	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----
---	-----	CMU/CONCRETE	PAINTED	EXPOSED	EXPOSED	-----
---	-----	CMU/CONCRETE	-----	-----	EXPOSED	-----



COLOR: FED. STD. 595, COLOR
NO. 20040



PAVING CONDITION SHOWN GRADE CONDITION SHOWN

ELECTRICAL SERVICE TO
FIXTURE

6
DD-A-LT-002

CONDUIT STUB UP 6" ABOVE
PAVEMENT

18" ϕ 14 GA. STL. COVER PLATE
PAINTED TO MATCH POLE

14 GA. ATTACHMENT BRACKET

12"x12"x1" GALV. STL. BASE PLATE
W/5" ϕ MIN. HOLE WELDED TO POLE

GROUT

MACHINE SCREWS

WEEP HOLE,
2 EACH SIDE

1" CHAMFER
AT GRADE

CRASS /CROUIND COVER

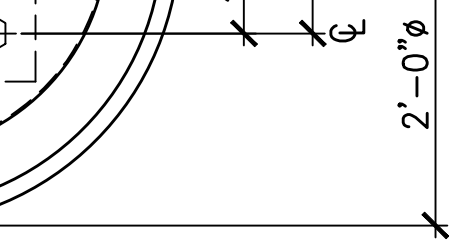
8
DD-A-LT-002

PAVEMENT

WHERE APPLICABLE
GRANITE JOINTS TO
BE CONTINUATION OF
PAVEMENT JOINTS

GRANITE TYPE 2

1/2" ϕ ST. STL.



PAVING CONDITION SHOWN GRADE CONDITION SHOWN

ELECTRICAL SERVICE TO FIXTURE

8
DD-A-LT-003

CONDUIT STUB UP

CONT. SEALANT, BACKER ROD &
PREMOLDED JOINT FILLER (TYP.)

18" ϕ 14 GA. STL. COVER PLATE
PAINTED TO MATCH POLE

14 GA. ATTACHMENT BRACKET

12"x12"x1" GALV. STL. BASE PLATE
W/5" ϕ MIN. HOLE WELDED TO POLE

MACHINE SCREWS
WEEP HOLE, 2 EACH SIDE
1" CHAMFER

AT GRADE

GRASS/GROUND COVER AS REQUIRED

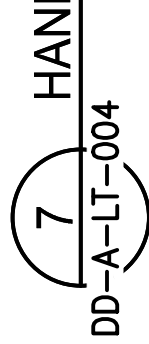
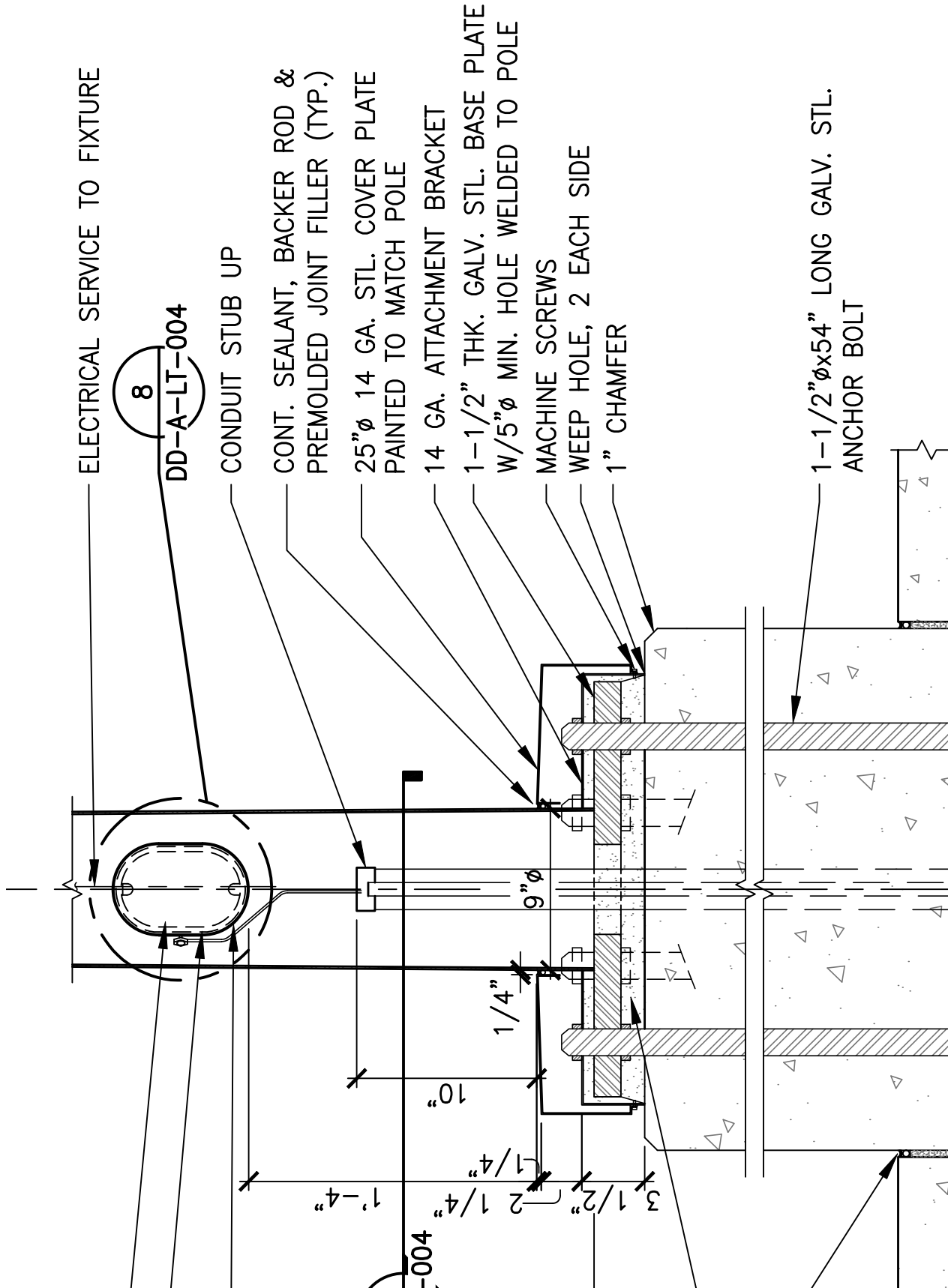
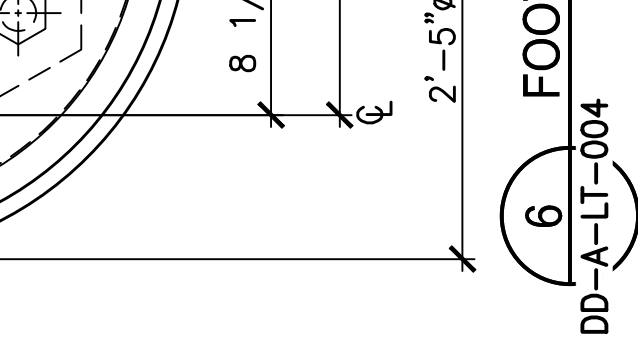
1" ϕ x 40" LONG GALV. STL. ANCHOR BOLT

6
FOOTING
DD-A-LT-003

7
HANDHOLD
DD-A-LT-003

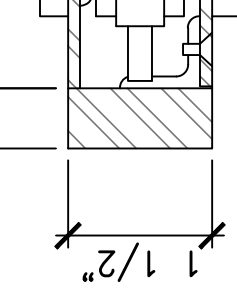
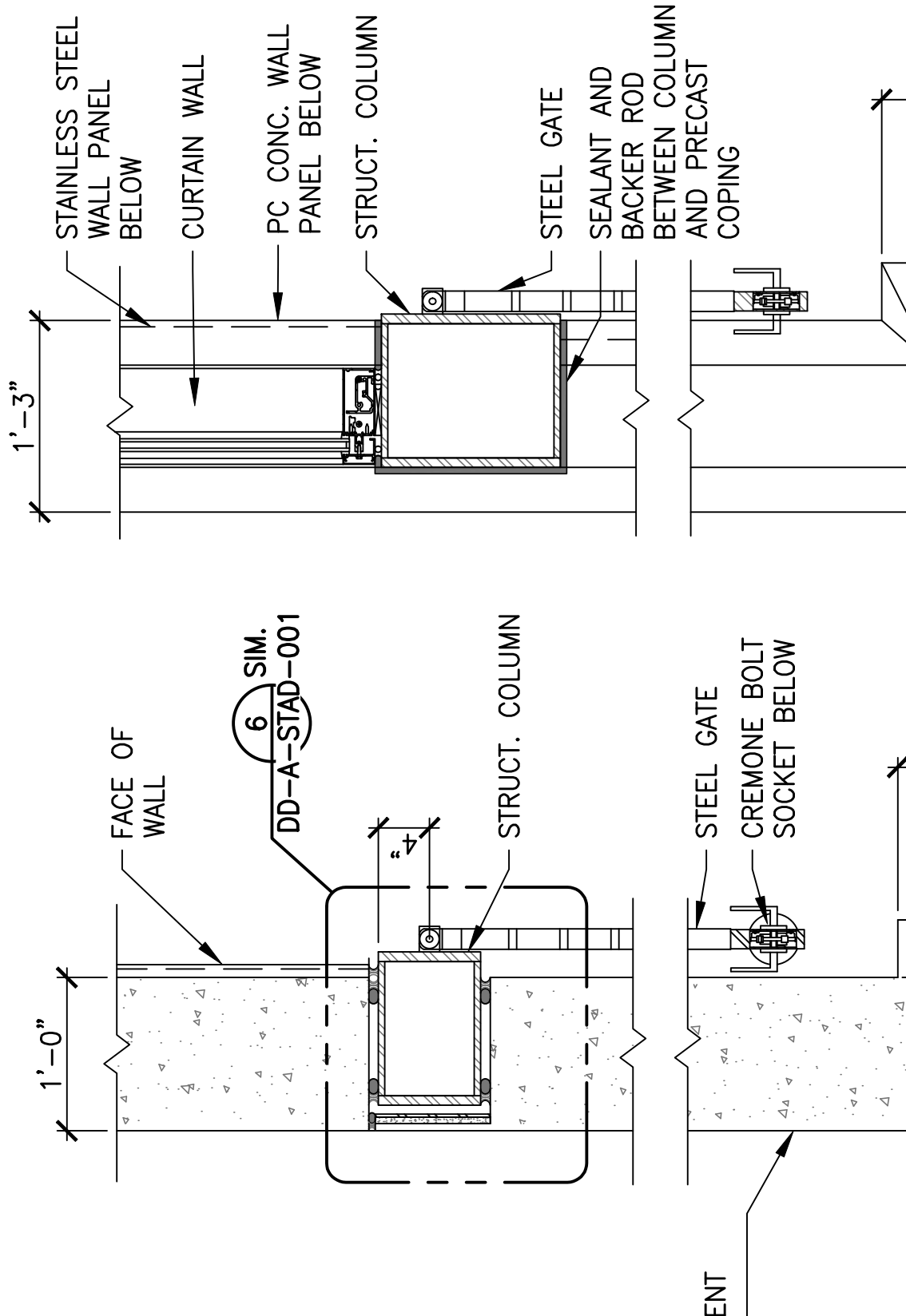
3

COLOR: FED. SID. 595, COLOR
NO. 20040



10 ENTRY ELEVATION
DD-A-STAD-001

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



INSIDE

8 DD-A-STAD-

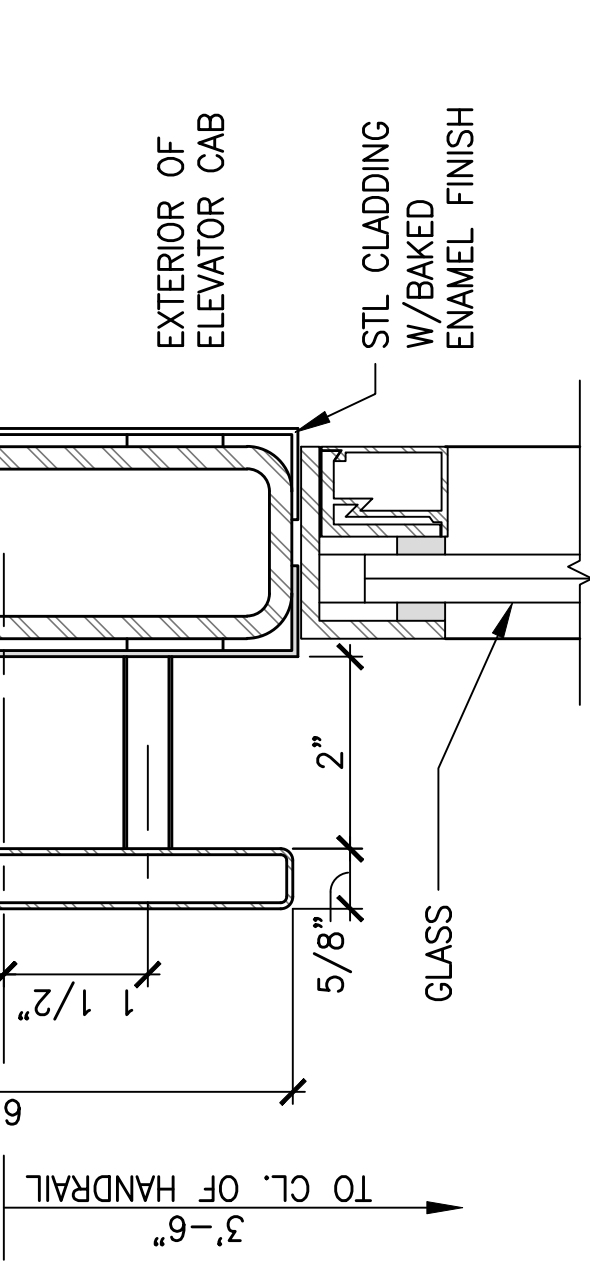
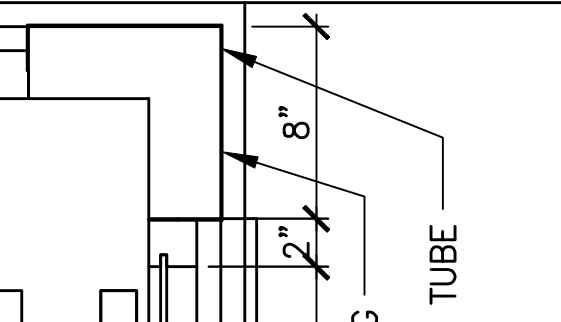
STAINLESS STEEL CAP
PLATE W/ 1/4" CHAMFER
3 1/2" Ø
STAINLESS STEEL PIPE
CONCRETE FOUNDATION
FIN. FLR.

CONCRETE SLAB
THICKNESS VARIES

CONCRETE FOUNDATION

9 DD-A-STAD-

PROVIDE REMOVABLE

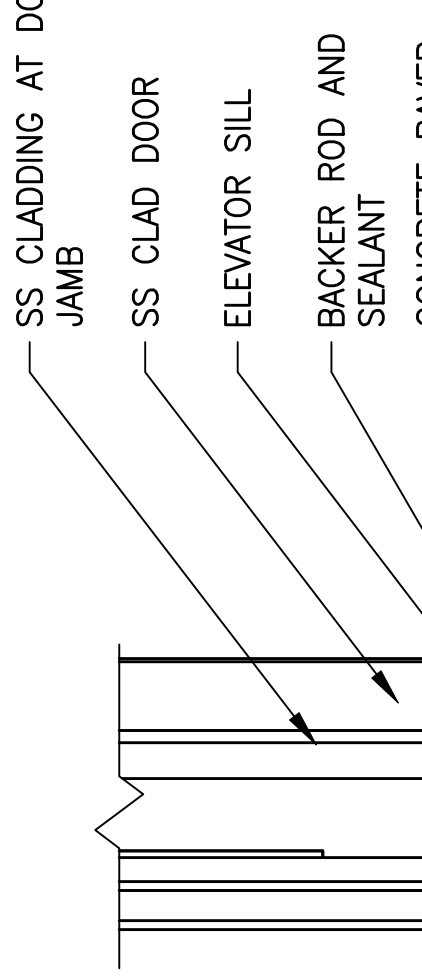
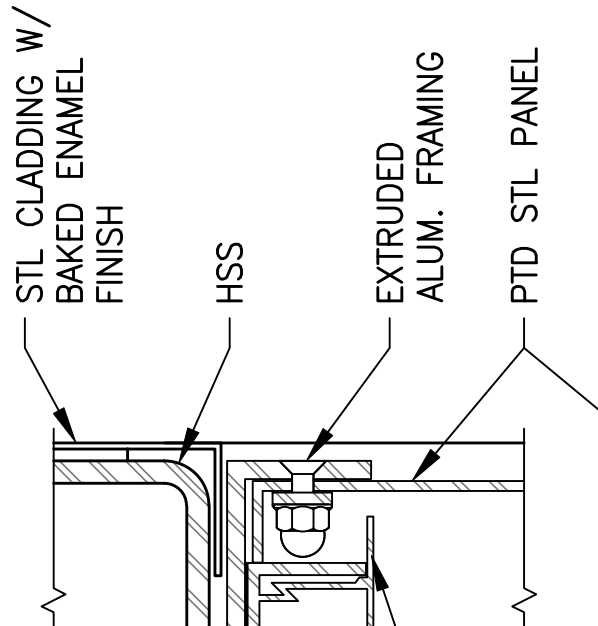


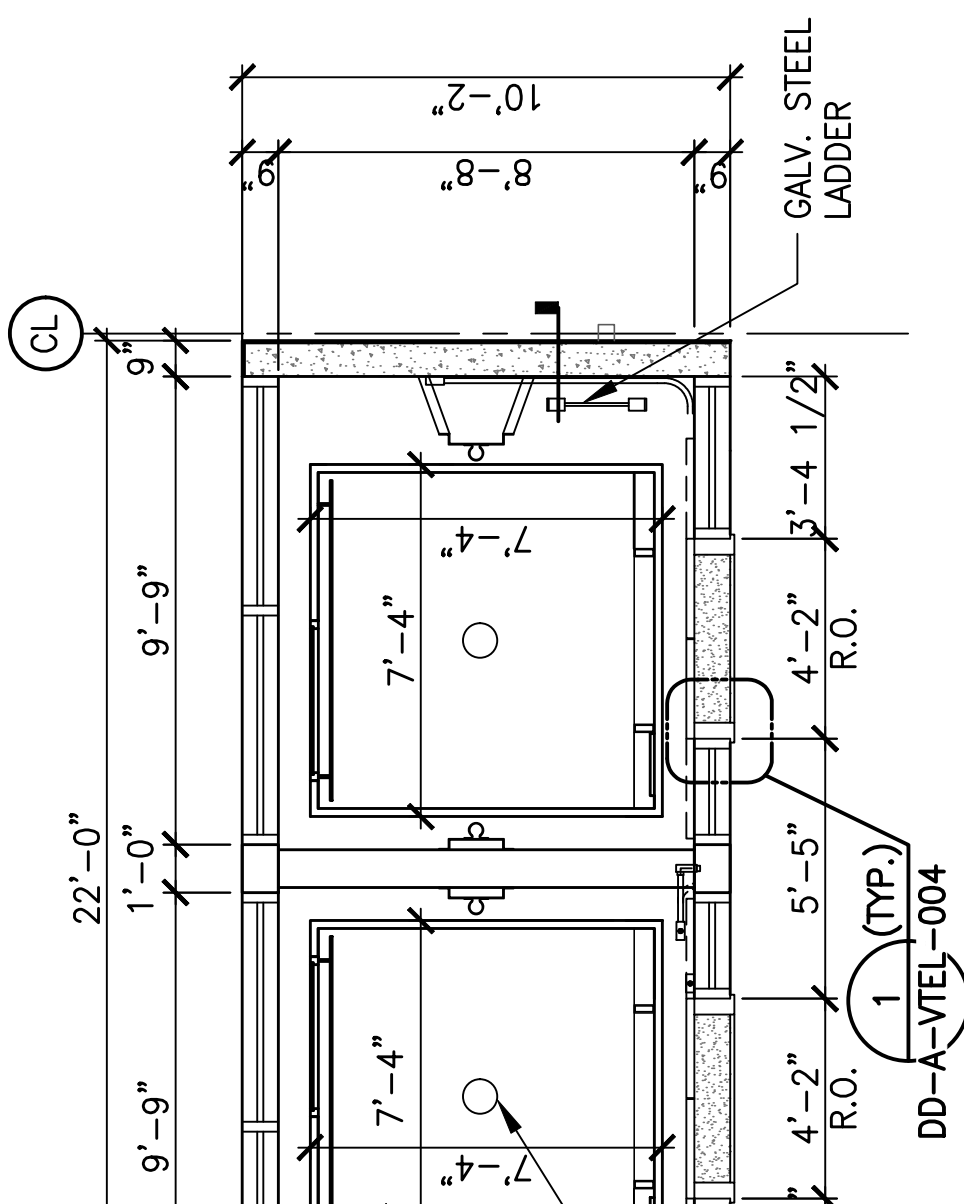
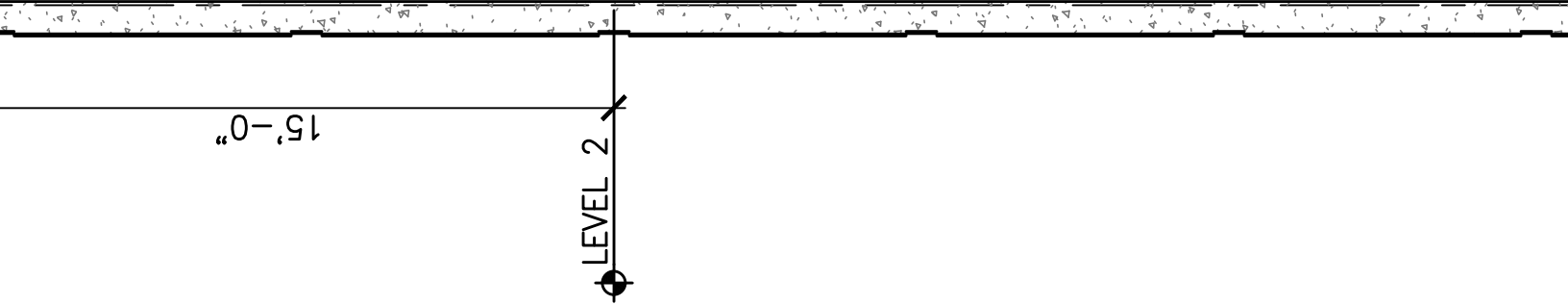
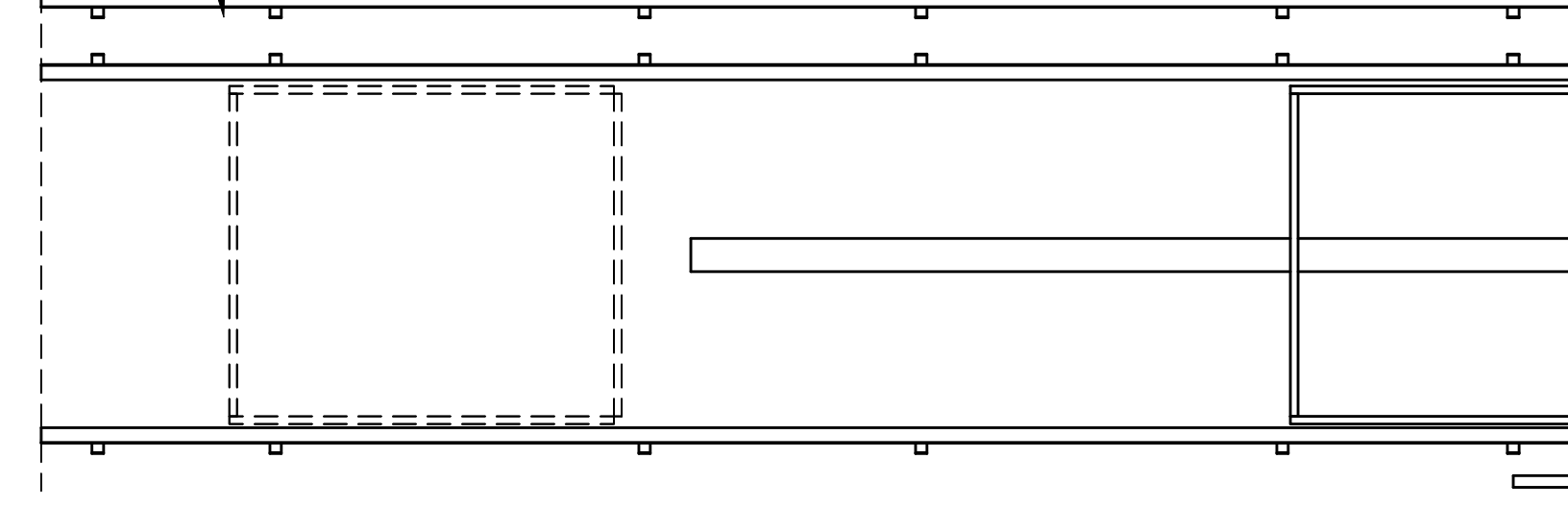
7 CAB HANDRAIL DETAIL

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

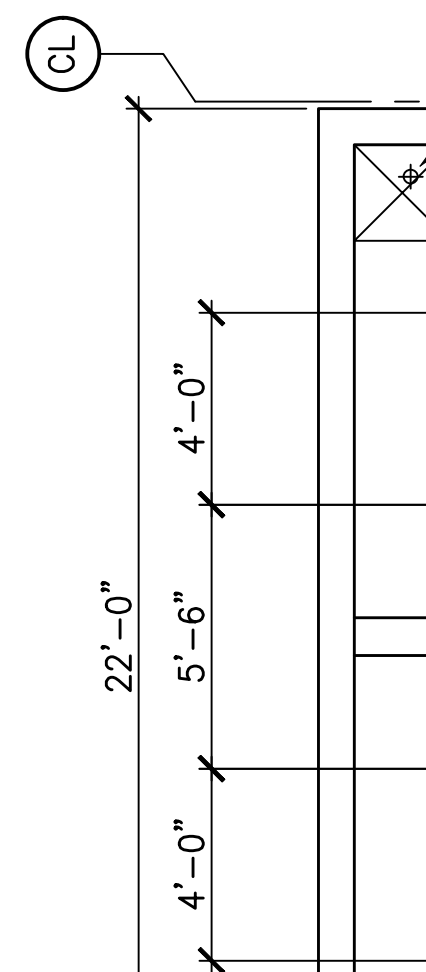
DD-A-VTEL-003

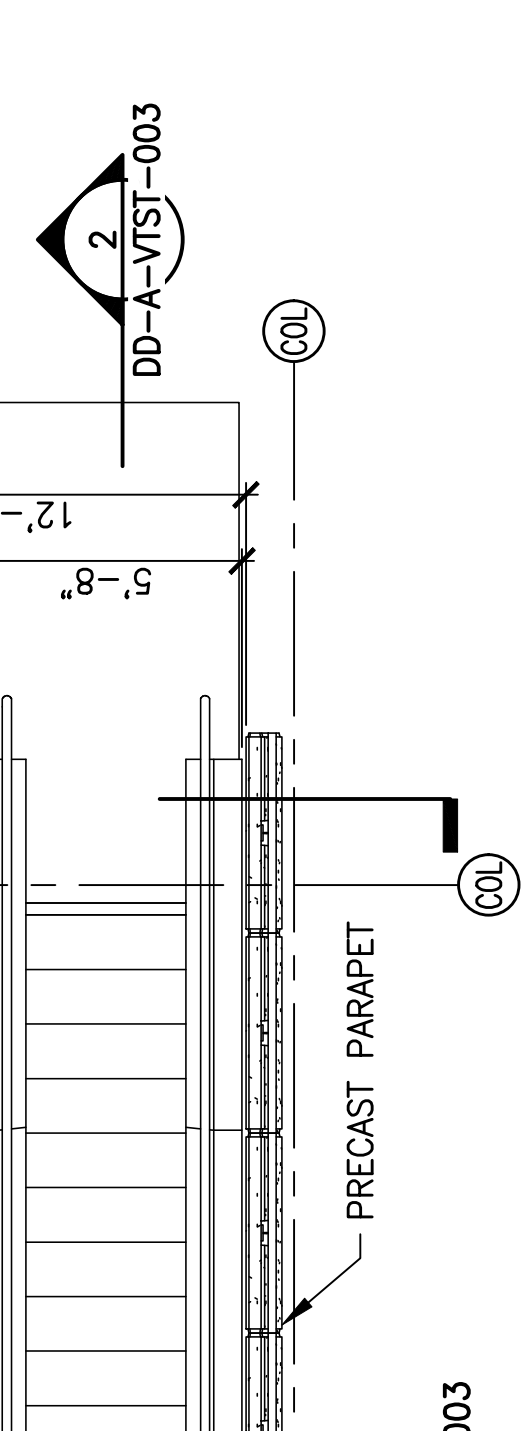
SCALE: 6"=1'-0"



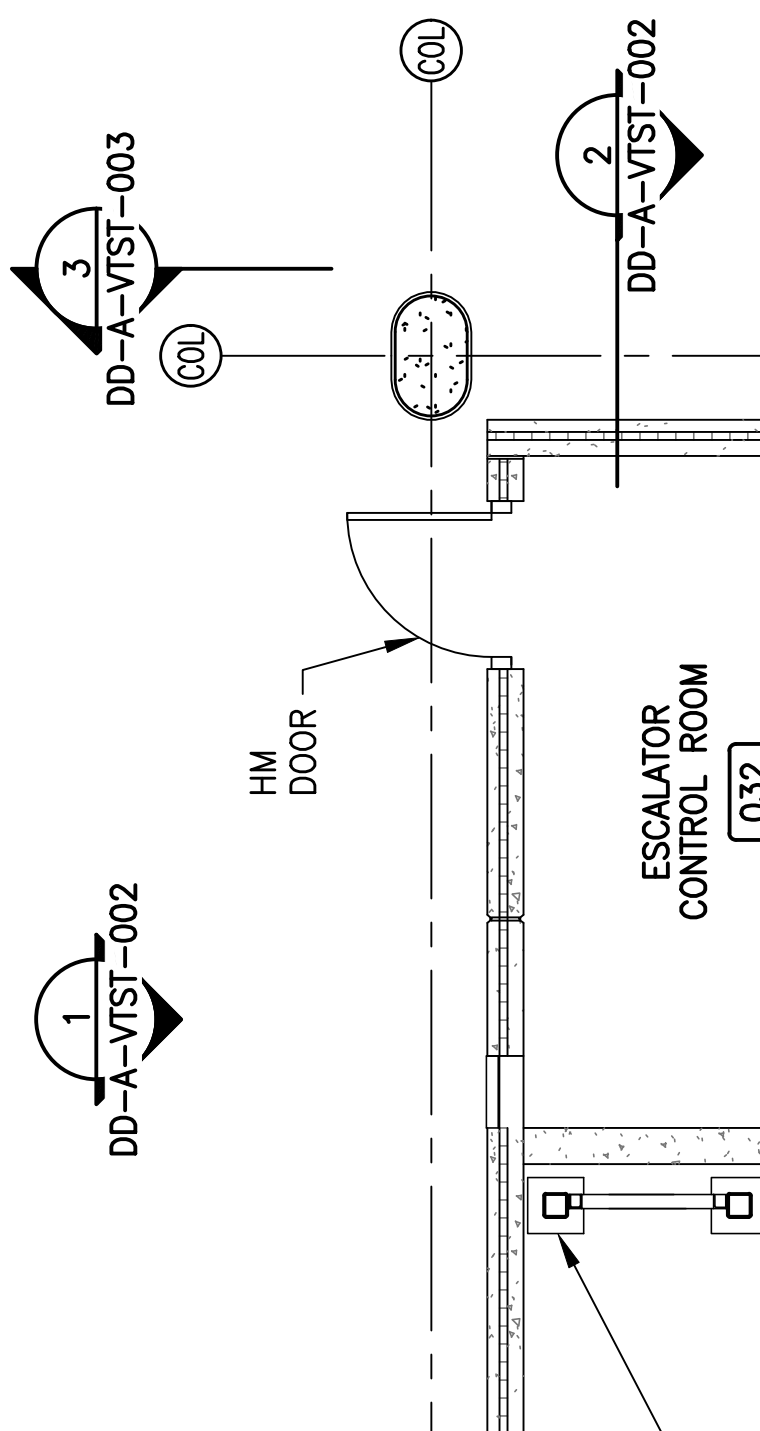


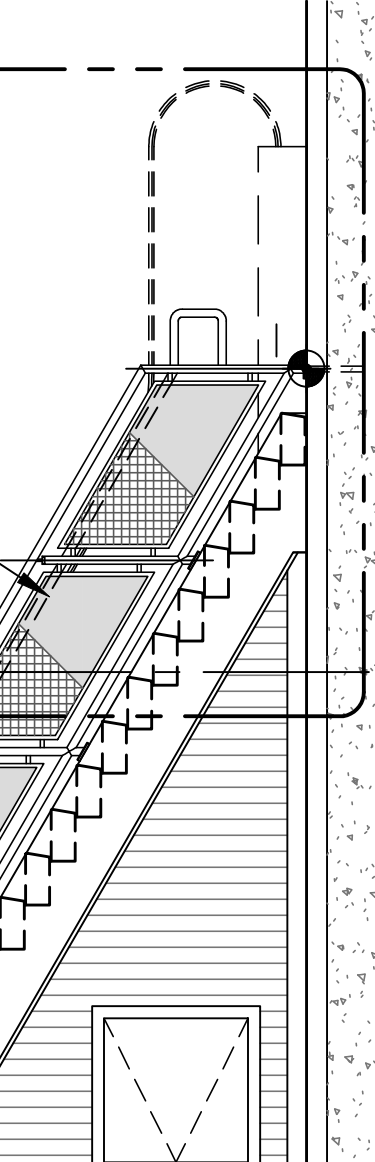
EL 1
SCALE: 1/4"=1'-0"



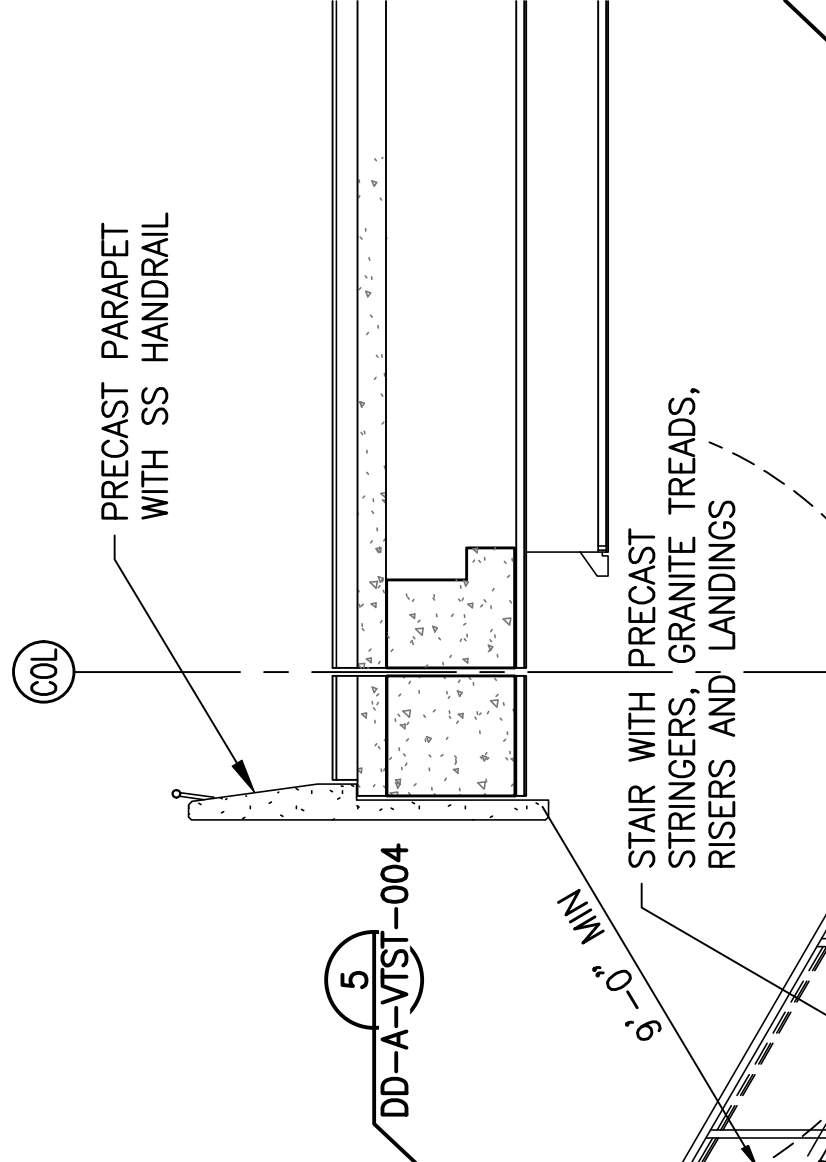


SCALE: 1/4" = 1'-0"





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



PRECAST PARAPET
WITH SS HANDRAIL

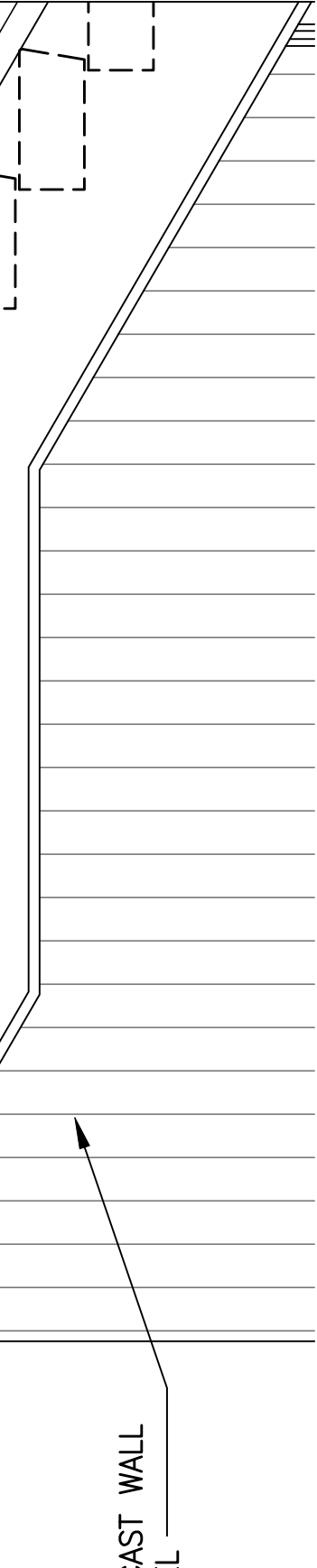
COL

5
DD-A-VTST-004

6'-0" MIN

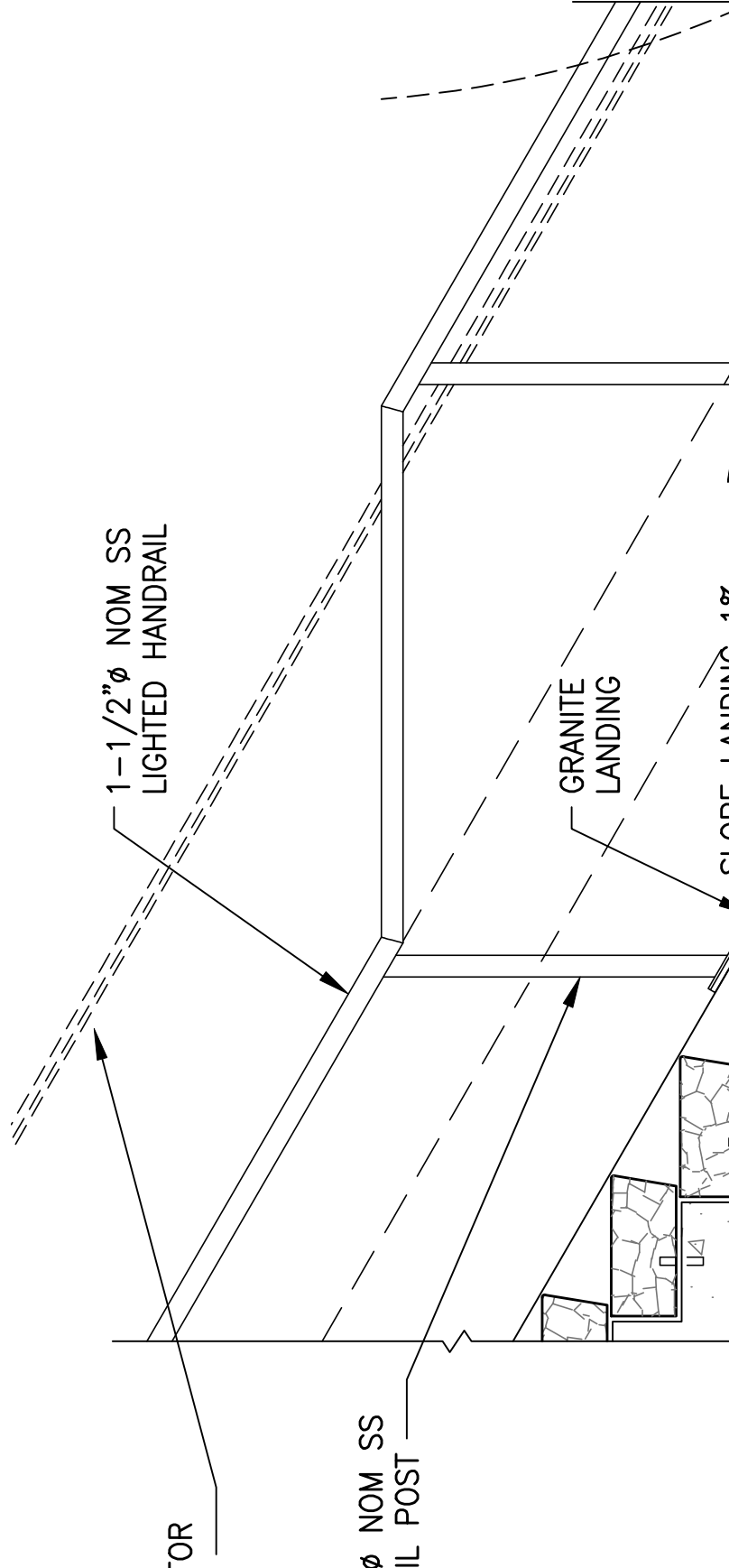
STAIR WITH PRECAST
STRINGERS, GRANITE TREADS,
RISERS AND LANDINGS

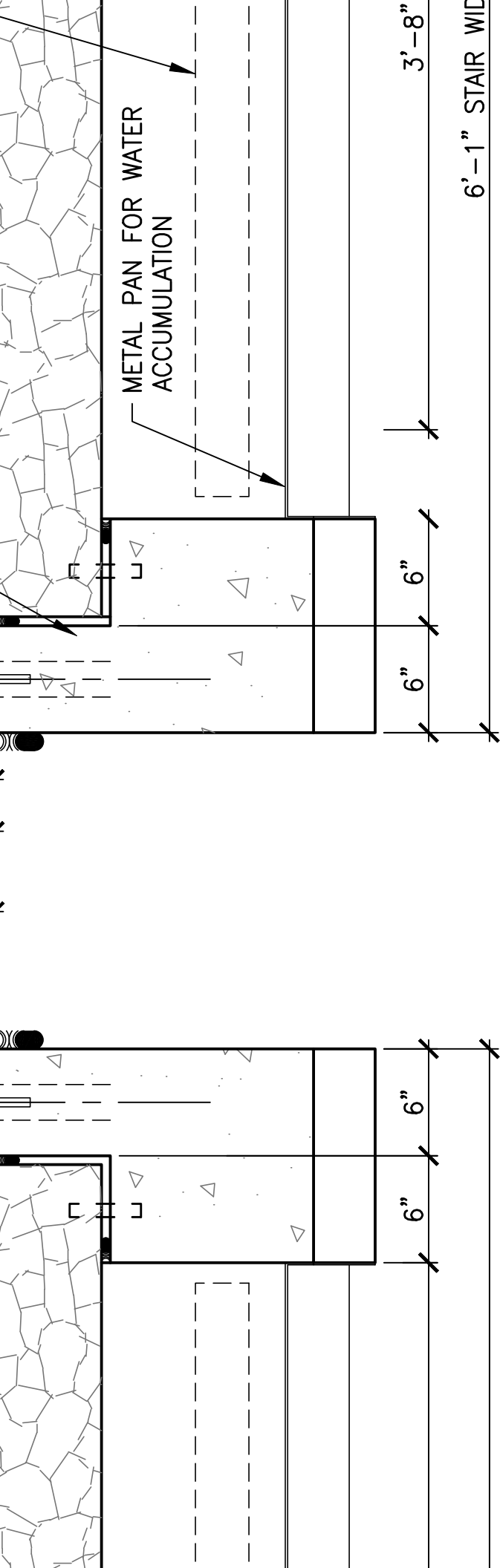
6
DD-A-VTST-004



2 TYP. MESH GUARDRAIL PANEL @ INTERMEDIATE LANDING
DD-A-VTST-004

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





2 TYPICAL STAIR SECTION

DD-A-VTST-005

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

1/2" ϕ NOM
LIGHTED HANDRAIL

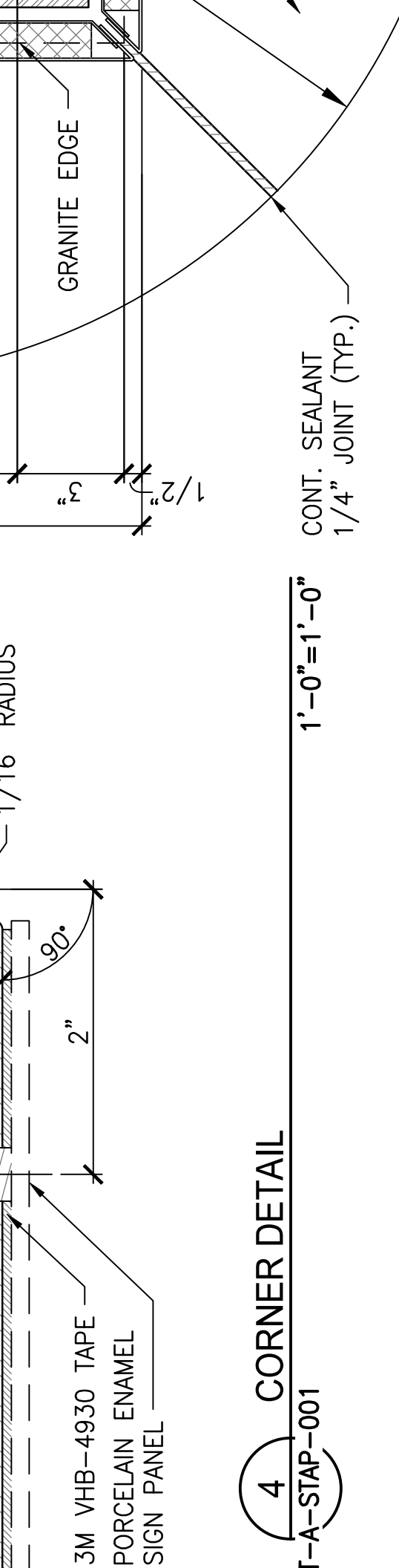
ESCALATOR BEYOND



2'-10"

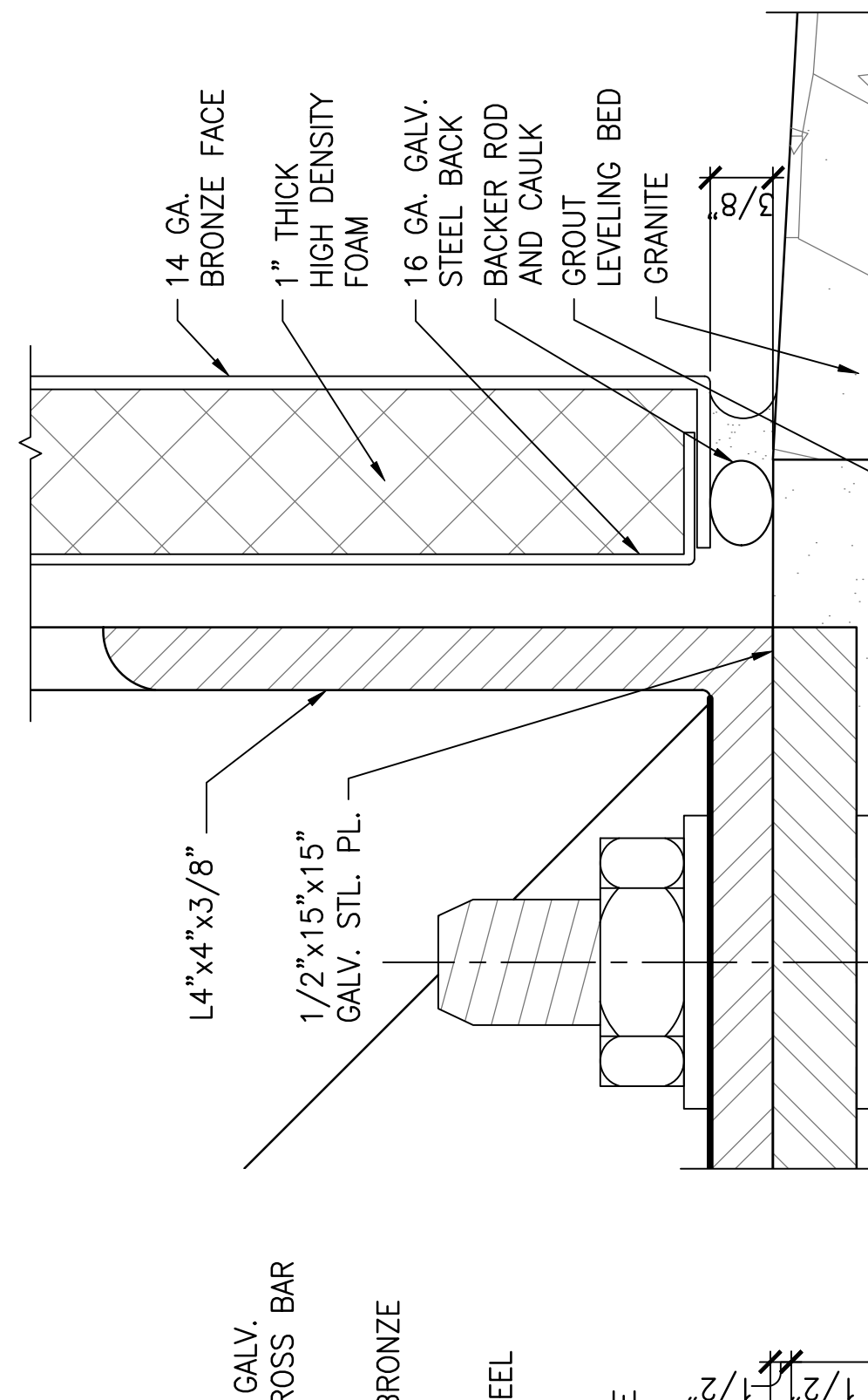
1'-0" MIN

READ
DEPTH

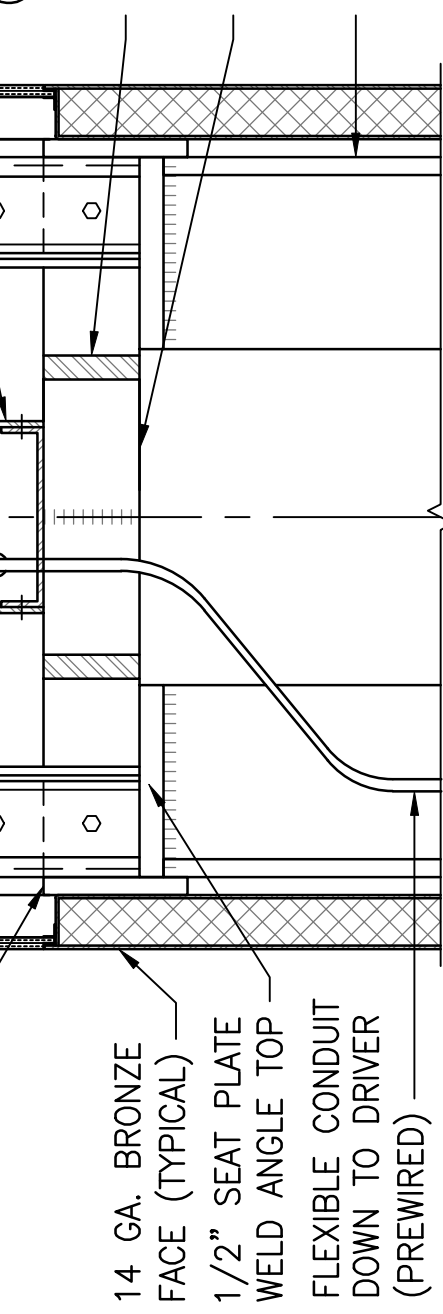
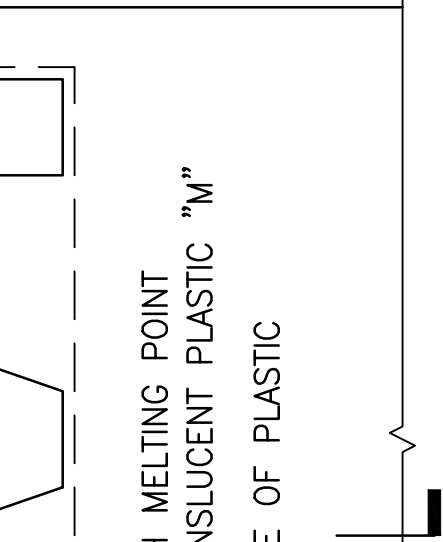


4 CORNER DETAIL
 ST-A-STAP-001

6 BASE P
 ST-A-STAP-001

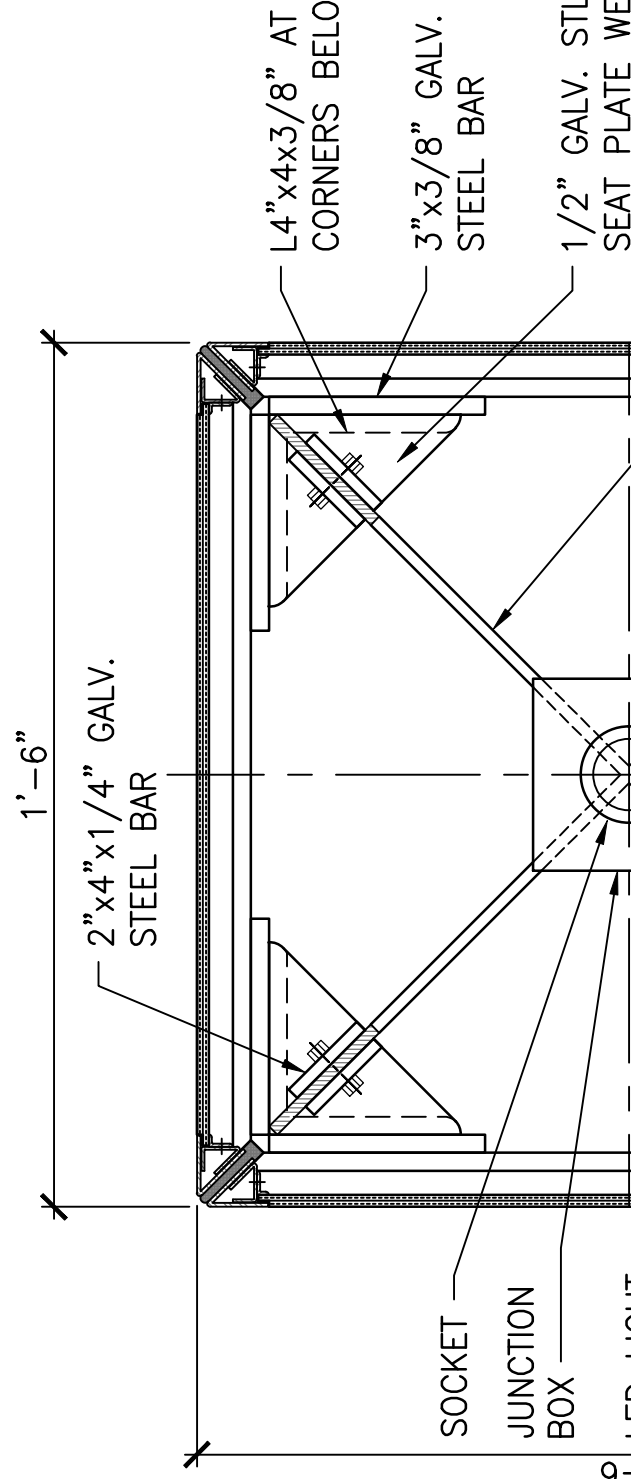
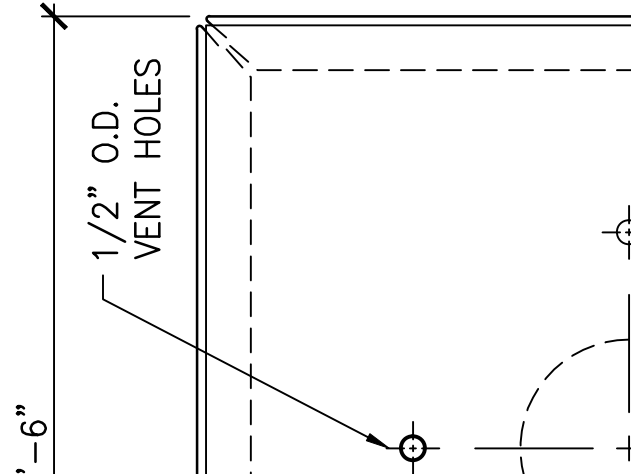


- 14 GA. BRONZE FACE
- 1" THICK HIGH DENSITY FOAM
- 16 GA. GALV. STEEL BACK
- BACKER ROD AND CAULK
- GROUT LEVELING BED
- GRANITE
- 1/2" x 15" x 15" GALV. STL. PL.
- L4" x 4" x 3/8"
- 3M VHB-4930 TAPE
- PORCELAIN ENAMEL SIGN PANEL
- GRANITE EDGE
- CONT. SEALANT 1/4" JOINT (TYP.)
- MOUNT JUNCTION BOX INSIDE FACE OF ANGLE FRAME 1'-0" ABOVE AND PRE-WIRE TO LIGHT FIXTURE
- 2" Ø GALV. STEEL CONDUIT
- 3'-0" Ø GRANITE APRON
- GROUT LEVELING BED



4 TOP SECTION ST-A-STAP-002

3"=1'-0"



		GLOBAL VALVE 	PLUG VALVE
		GAS SHUTOFF COCK 	
		PRESS REGULATOR 	

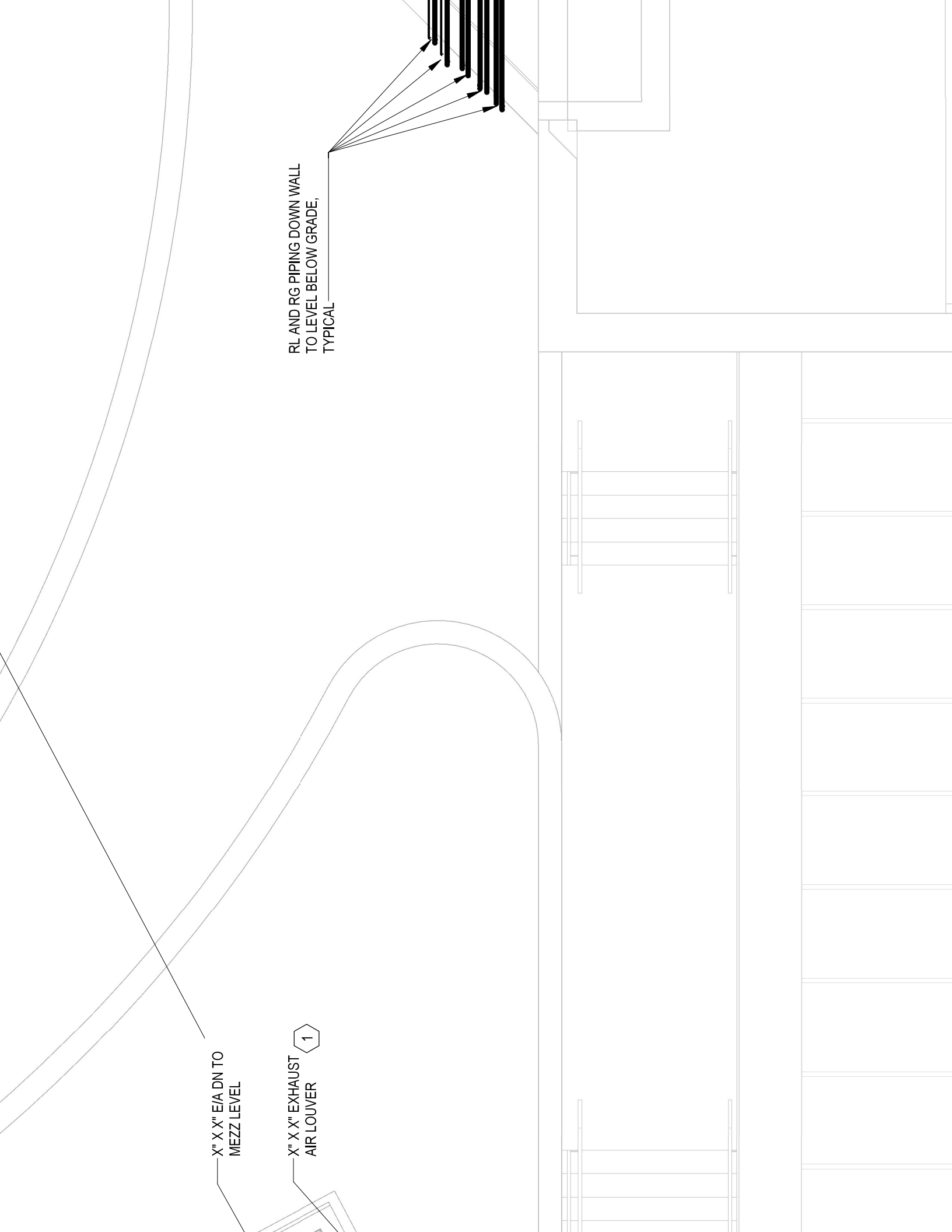
TAG		DAMPER TAGS
N	FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.	
O	ALL ROOF MOUNTED EQUIPMENT SHALL BE COORDINATED ARCHITECTURAL PLANS AND MAINTAIN PROPER PROTECTION REQUIRED BY CODE.	
P	LOCATE DUCTWORK, PIPING AND MECHANICAL EQUIPMENT THE SPACE ABOVE ELECTRICAL PANELS. TRANSFORMERS / ELECTRICAL EQUIPMENT.	
Q	PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED STANDARD 43-1 AND SHALL BE U.L. LISTED.	
R	PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND FOUNDATIONS, FLOORS, WALLS, AND ROOF.	
S	MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OT ACCESSORIES REQUIRING SERVICE. VISUAL INSPECTION O OPERATION. WHERE INDICATED OR REQUIRED, PROVIDE A OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INST	
T	ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONFI MECHANICAL EQUIPMENT.	
U	PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTIO UNTIL ANOTHER SIZE IS SHOWN.	
V	FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPE	
W	INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPEC	
X	LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS IND DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJ THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHE AVOID INTERFERENCE IN THE FIELD.	
Y	INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRAA ROOMS WITHOUT CEILINGS.	
Y.1	THE CONTRACTOR'S WORK SCHEDULE SHALL BE SUBMITTED APPROVED BY THE OWNER.	
Y.2	PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR EQUIPMENT, PIPING, VALVES, HANGERS AND SUPPORTS, COO DIFFUSERS.	
Y.3	CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSAR SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.	
Y.4	PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AF AFTER THE DATE OF FINAL ACCEPTANCE.	
		APPLICABLE CODES
		INTERNATIONAL BUILDING CODE, 2018 WITH MARYLAND AMMENDME INTERNATIONAL EXISTING BUILDING CODE, 2018 WITH MARYLAND A INTERNATIONAL PLUMBING CODE, 2021 WITH WSSC AMMENDMENT INTERNATIONAL FIRE GAS CODE, 2021 WITH WSSC AMMENDMENTS

RL AND RG PIPING DOWN WALL
TO LEVEL BELOW GRADE,
TYPICAL

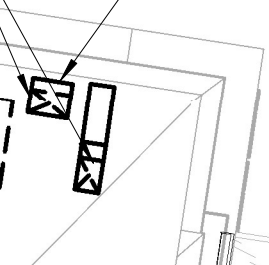
X" X X" E/A DN TO
MEZZ LEVEL

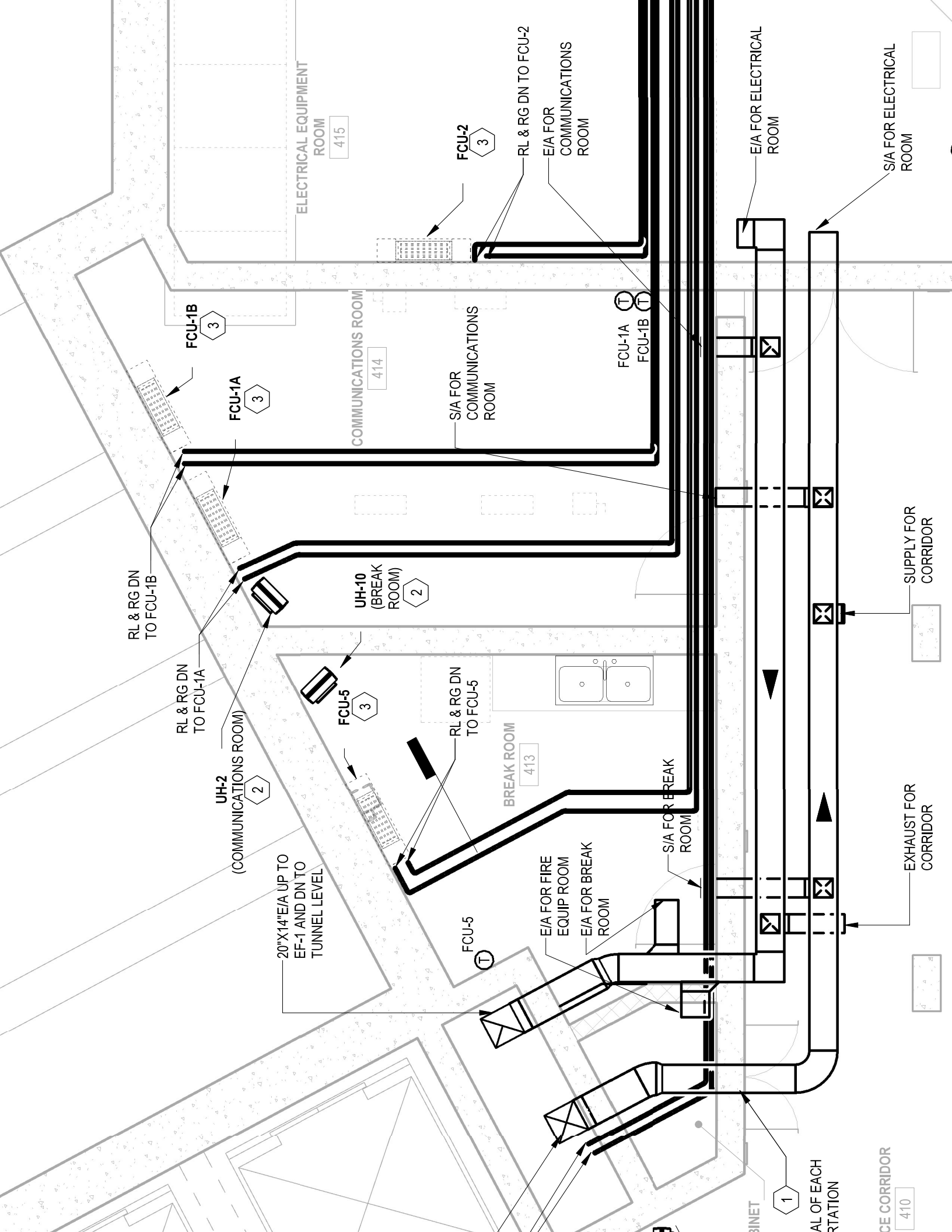
X" X X" EXHAUST
AIR LOUVER

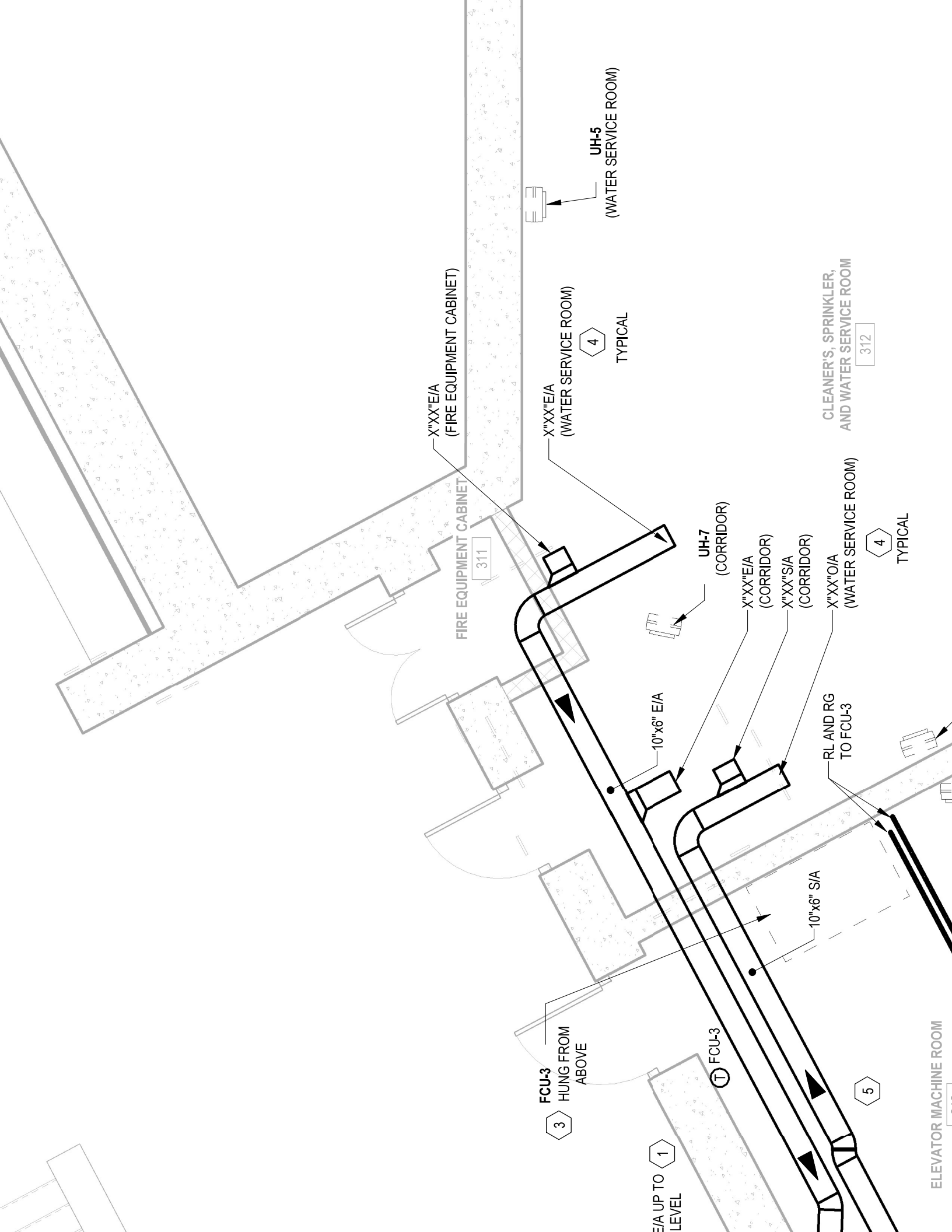
1



X" X X" EXHAUST AIR LOUVER 1







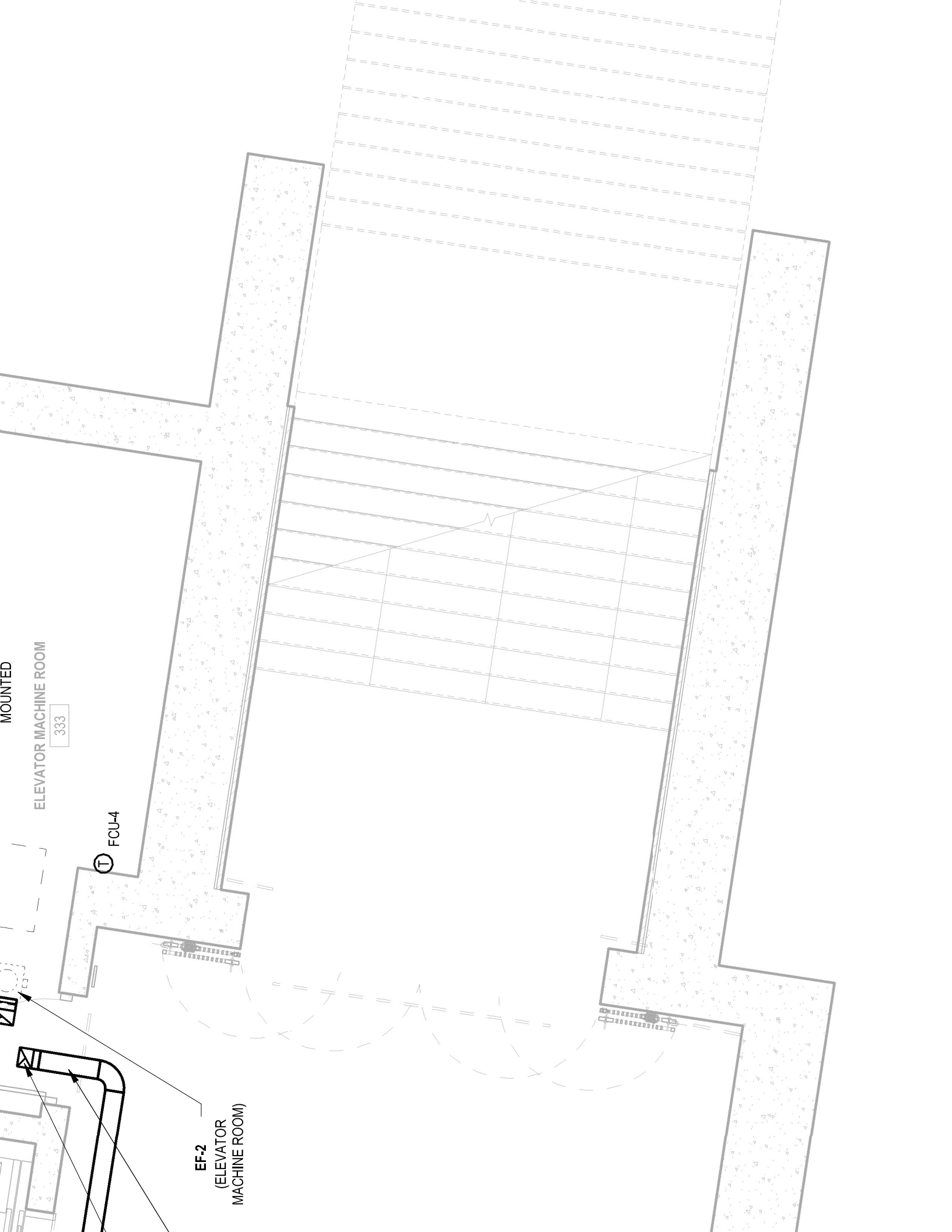
MOUNTED

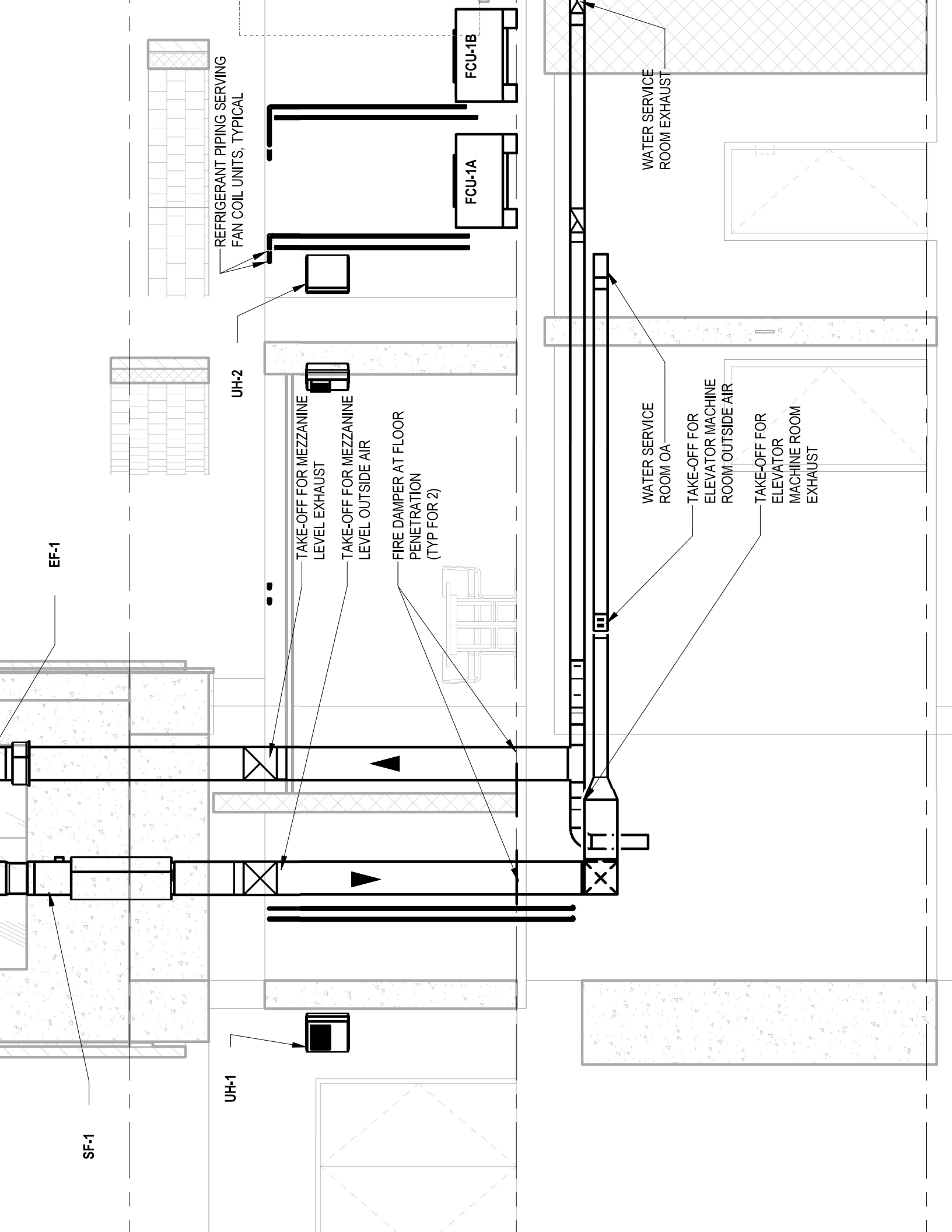
ELEVATOR MACHINE ROOM

333

Ⓣ FCU-4

EF-2
(ELEVATOR
MACHINE ROOM)





EF-1

SF-1

UH-1

UH-2

REFRIGERANT PIPING SERVING
FAN COIL UNITS, TYPICAL

TAKE-OFF FOR MEZZANINE
LEVEL EXHAUST

TAKE-OFF FOR MEZZANINE
LEVEL OUTSIDE AIR

FIRE DAMPER AT FLOOR
PENETRATION
(TYP FOR 2)

FCU-1A

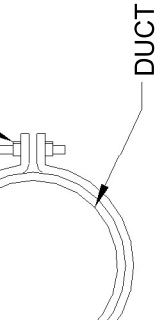
FCU-1B

WATER SERVICE
ROOM OA

TAKE-OFF FOR
ELEVATOR MACHINE
ROOM OUTSIDE AIR

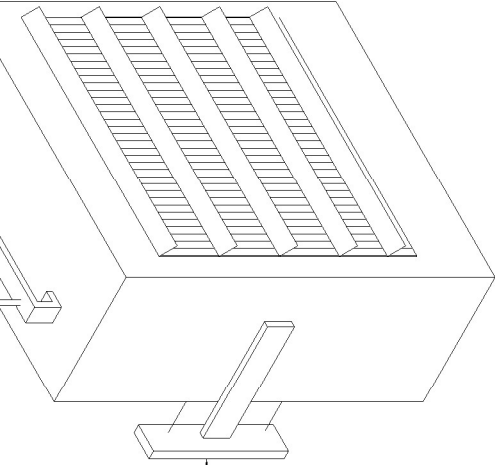
TAKE-OFF FOR
ELEVATOR
MACHINE ROOM
EXHAUST

WATER SERVICE
ROOM EXHAUST



DUCT

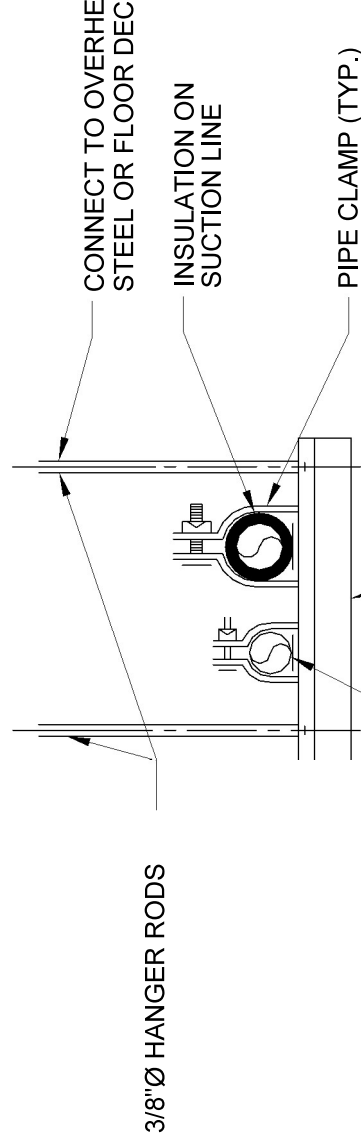
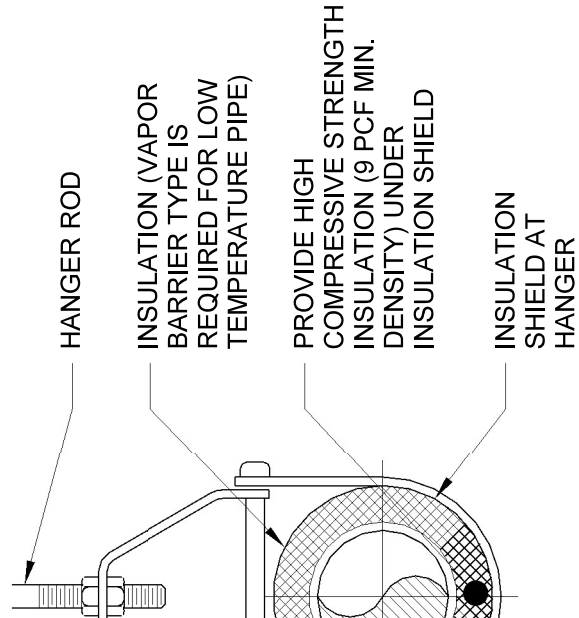
36" DIA. DUCT ONLY.

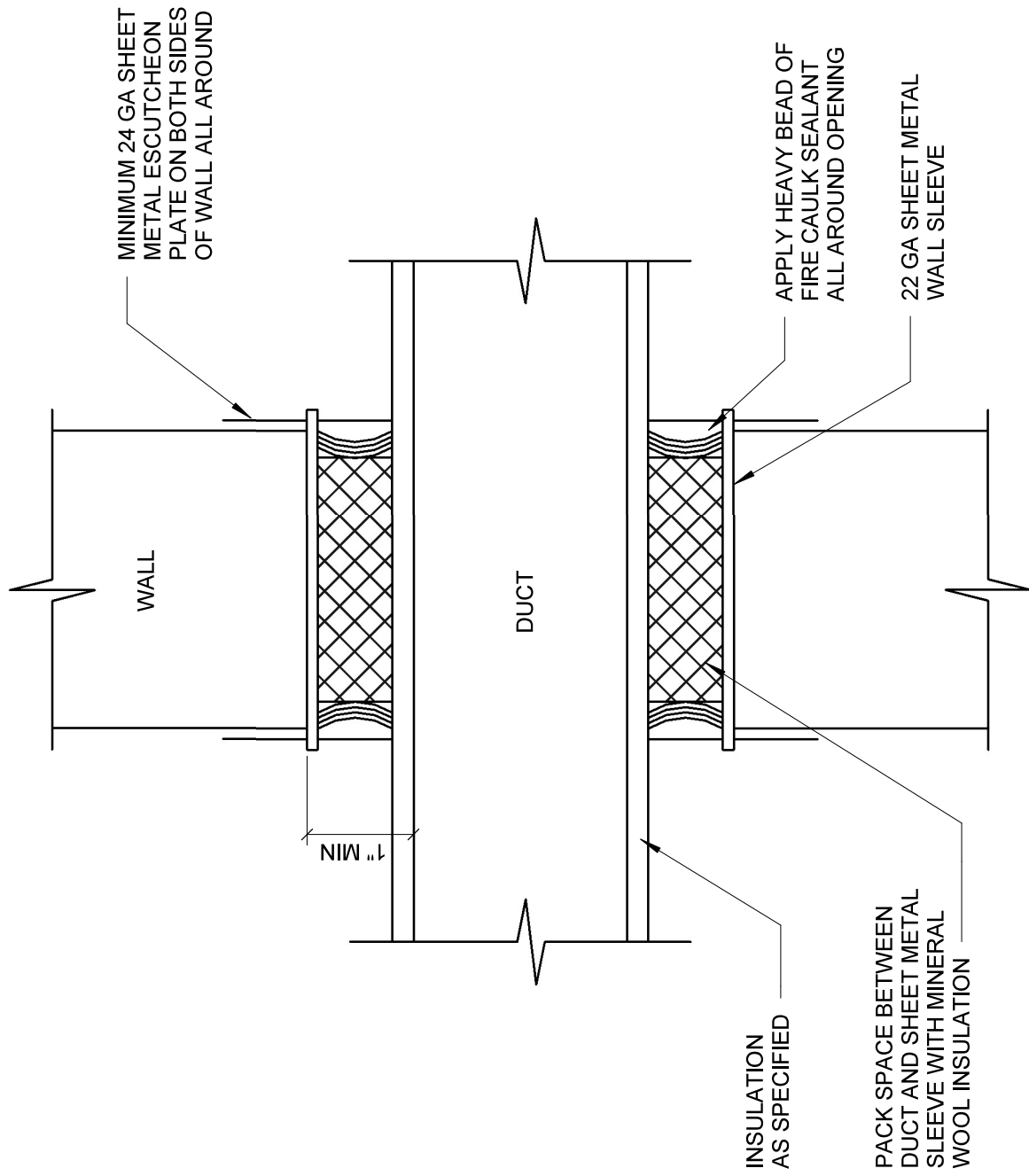


SEISMIC BRACE

2
B09-M-501

ELECTRIC UNIT HEATER DETAIL
NOT TO SCALE





S, THREADED RODS, AND UNISTRUT TO PROVIDE A SUPPORT FOR THE FAN HOUSING.

TAG	LOCATION	TYPE	CFM
UH-1	MEZZANINE CORRIDOR	WALL HUNG, HORIZONTAL THROW	530
UH-2	COMMUNICATIONS ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-3	ELECTRICAL ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-4	WEST ELEVATOR MACHINE ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-5	WATER SERVICE ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-6	WATER SERVICE ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-7	PASSAGE LEVEL CORRIDOR	WALL HUNG, HORIZONTAL THROW	530
UH-8	EAST ELEVATOR MACHINE ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-9	EAST END SUMP PUMP ROOM	WALL HUNG, HORIZONTAL THROW	530
UH-10	BREAK ROOM	WALL HUNG, HORIZONTAL THROW	530

NOTES:

- 1) FURNISH AND INSTALL WALL MOUNTED SUPPORTS UNLESS OTHERWISE NOTED.
- 2) COORDINATE WITH ELECTRICAL CONTRACT DRAWINGS FOR LOCATION OF DISCONNECT.

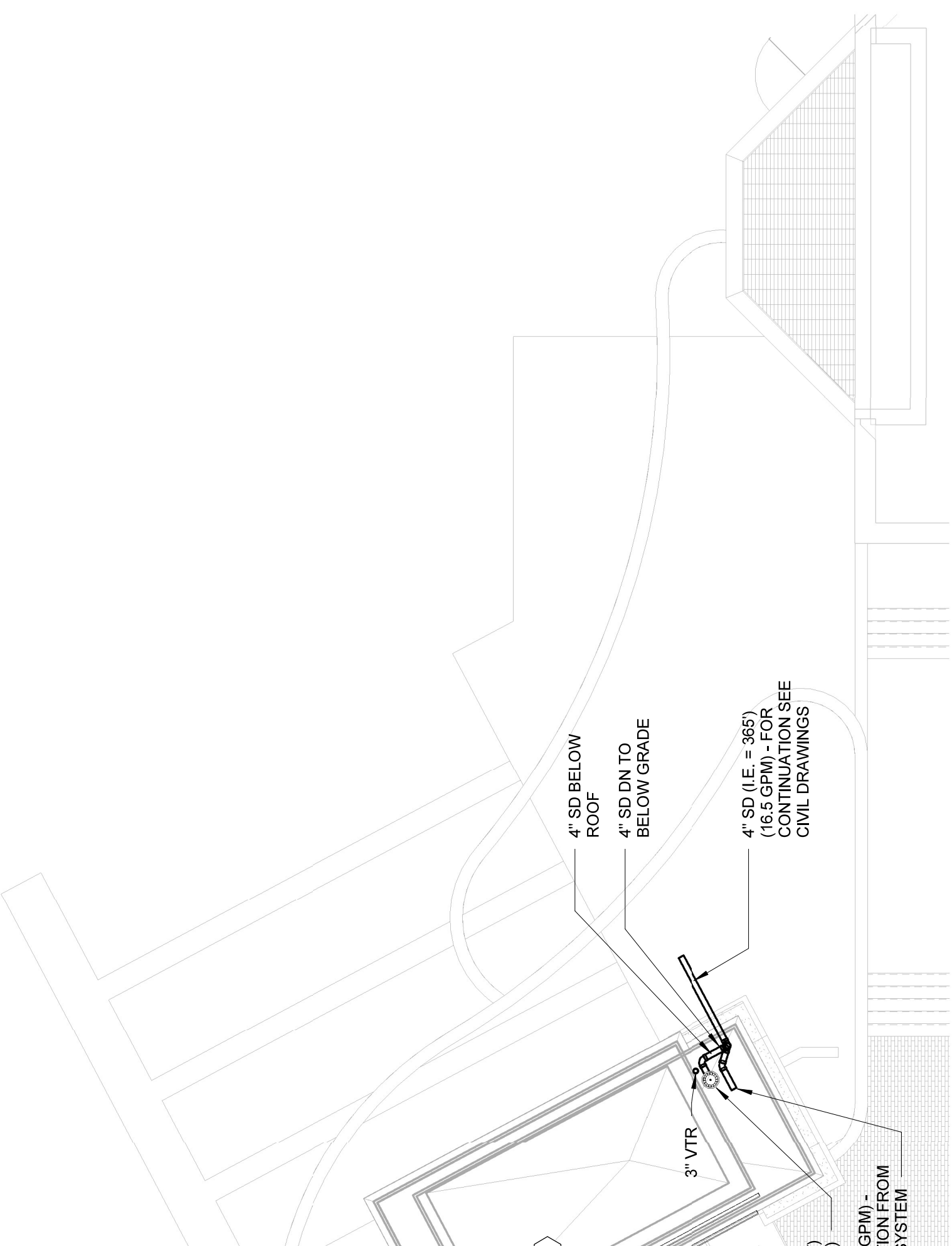
TAG	LOCATION	TOTAL COOLING (MBH)	CONDENSER FAN QUANTITY	CONDENSER FAN CFM
ACCU-1A	MECHANICAL YARD	36.0	1	2,627
ACCU-1B	MECHANICAL YARD	36.0	1	2,627
ACCU-2	MECHANICAL YARD	30.0	1	2,627
ACCU-3	MECHANICAL YARD	92.0	2	5,827
ACCU-4	NEW HEADHOUSE VENT SHAFT	92.0	2	5,827

NOTES:

- 1) FURNISH AND INSTALL ROOF CURB TO MOUNT CONDENSING UNIT. COORDINATE WITH ELECTRICAL CONTRACT DRAWINGS FOR LOCATION OF DISCONNECT.
- 2) COORDINATE WITH ELECTRICAL CONTRACT DRAWINGS FOR LOCATION OF DISCONNECT.
- 3) MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT FOR SYSTEM START UP.

15	WASTE & VENT:
15.1	A WATER TEST, IN SECTIONS OR IN ITS ENTIRETY, SHALL BE PERFORMED ON THE SANITARY AND SANITARY VENT IN ACCORDANCE TO THE 2021 INTERNATIONAL PLUMBING CODE SECTION 312.2. AN AIR TEST, EXCEPT FOR PLASTIC PIPING, MAY BE SUBSTITUTED IN ACCORDANCE TO SECTION 312.3.
15.2	SLOPE SANITARY & SEWER PIPING 2-1/2" AND SMALLER AT 1/4" PER 1'-0" GRADE. PIPING 3" AND LARGER SHALL BE SLOPED AT 1/8" PER 1'-0" UNLESS OTHERWISE NOTED.
16	UPON COMPLETION OF A SECTION OR OF THE ENTIRE HOT AND COLD WATER SUPPLY SYSTEM, IT SHALL BE TESTED AND PROVED TIGHT UNDER A WATER PRESSURE NOT LESS THAN THE WORKING PRESSURE UNDER WHICH IT IS TO BE USED. THE WATER USED FOR TESTS SHALL BE OBTAINED FROM A POTABLE SOURCE OF SUPPLY. EXCEPT FOR PLASTIC PIPING, A FIFTY PSI AIR PRESSURE SHALL BE PERMITTED TO BE SUBSTITUTED FOR THE WATER TEST. IN EITHER METHOD OF TEST, THE PIPING SHALL WITHSTAND THE TEST WITHOUT LEAKING FOR A PERIOD OF NOT LESS THAN FIFTEEN MINUTES. THE REQUIRED TESTS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 312.5 AND 112 OF THE 2021 INTERNATIONAL PLUMBING CODE.
17	STORM PIPING SHALL BE SLOPED AT 1/8" PER 1'-0" UNLESS OTHERWISE NOTED.
18	DO NOT INSTALL DRAINAGE OR SUPPLY PIPING IN ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS, COMMUNICATION ROOMS, TRANSFORMER VAULTS, ELECTRICAL CLOSETS, OR SIMILAR AREAS.
19	ALL COLD WATER, HOT WATER, STORM PIPING, AND SANITARY VENT PIPING ARE LOCATED ABOVE CEILING UNLESS OTHERWISE NOTED. ALL SANITARY AND WASTE PIPING ARE LOCATED BELOW THE FLOOR UNLESS OTHERWISE NOTED.
20	FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
21	ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS OTHERWISE NOTED. REFER TO CIVIL PLANS.
22	BELOW GRADE SANITARY PIPING SHALL BE A MINIMUM OF 2".
23	PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL SANITARY AND STORM RISERS.
26	THE PLUMBING CONTRACTOR SHALL PAY ALL FEES, GIVE NOTICE, FILE NECESSARY DRAWINGS, OBTAIN PERMITS AND CERTIFICATES OF APPROVAL REQUIRED FOR ALL WORK UNDER THIS CONTRACT. THE AUTHORITY HAVING JURISDICTION IS THE WASHINGTON SUBURBAN SANITARY COMMISSION (WSSC). THE PLUMBING WORK SHALL ADHERE TO THE WSSC 2021 PLUMBING AND FUEL GAS CODE.

 CHECK VALVE  PRESSURE ZONE  AREA DRAIN  NO TRAP  DECK DRAIN  FLOW CONTROL DRAIN  STORM DRAIN  COMBINATION DRAINS	R DRAWINGS IN OR MAY NOT BE
---	--------------------------------



4" SD (I.E. = 361.7")
(15.5 GPM) - FOR
CONTINUATION SEE
CIVIL DRAWINGS

3" SD BELOW
ROOF
3" RD-1
(300 SQFT)
(10 GPM)
4" SD DN TO
BELOW GRADE

3" SD (5 GPM) -
CONNECT TO
DRAIN FROM
GUTTER

1

ELEVATOR ENTRANCE
CANOPY



2" DOMESTIC WATER SERVICE
DN TO WATER SERVICE ROOM

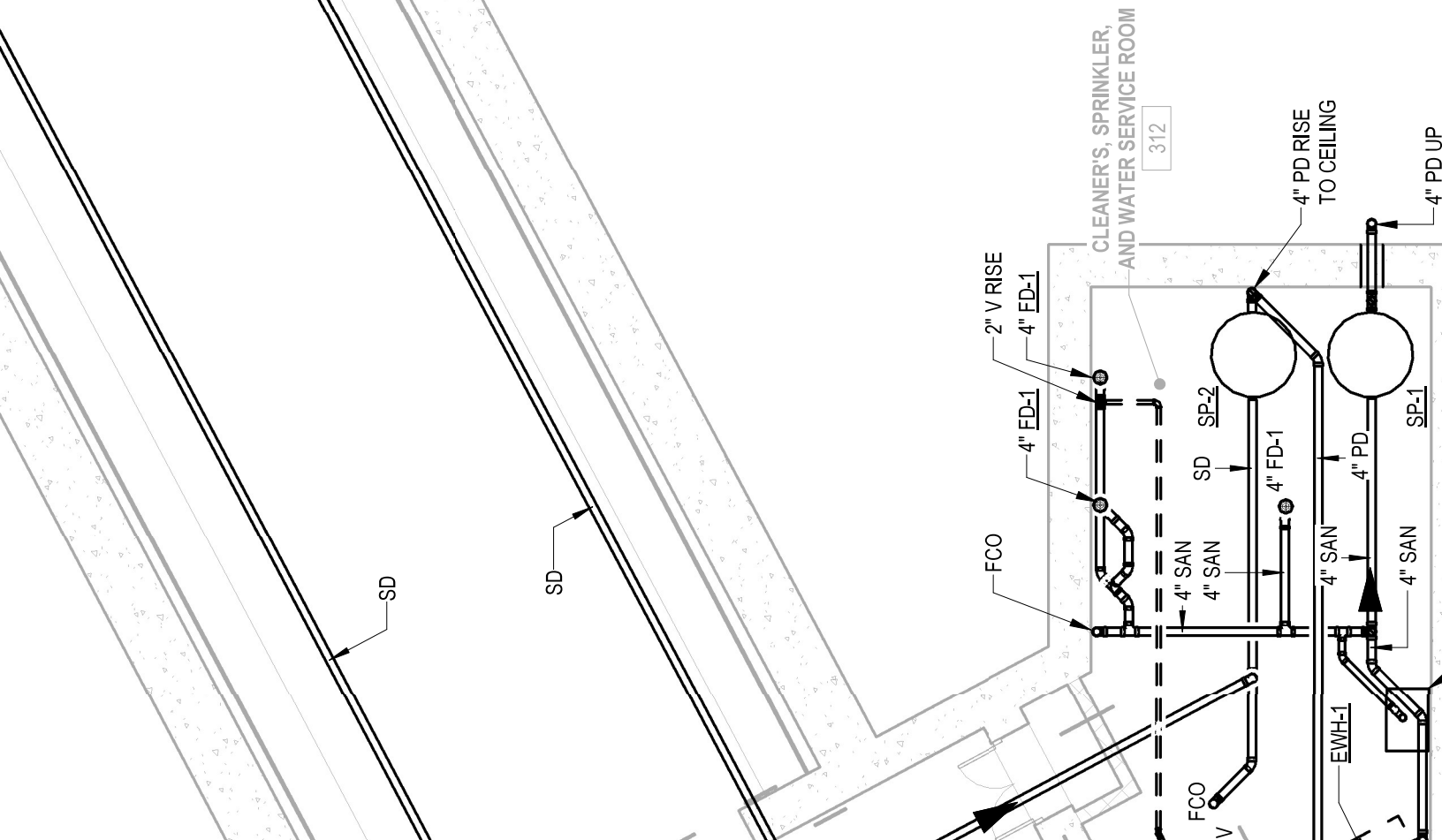
2" DOMESTIC WATER SERVICE
(CL ELEVATION = X')
FOR CONTINUATION SEE CIVIL DWGS

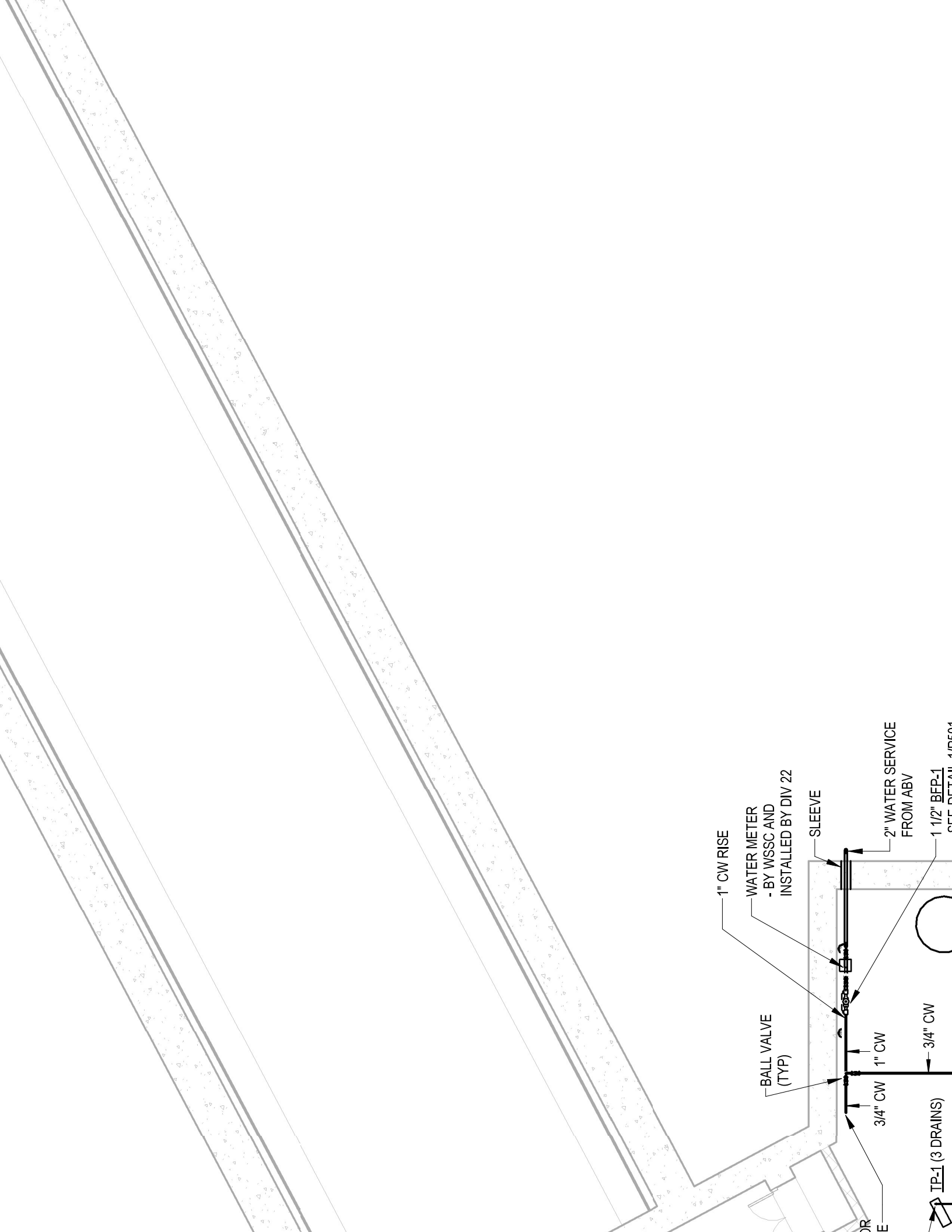
4" FD-1

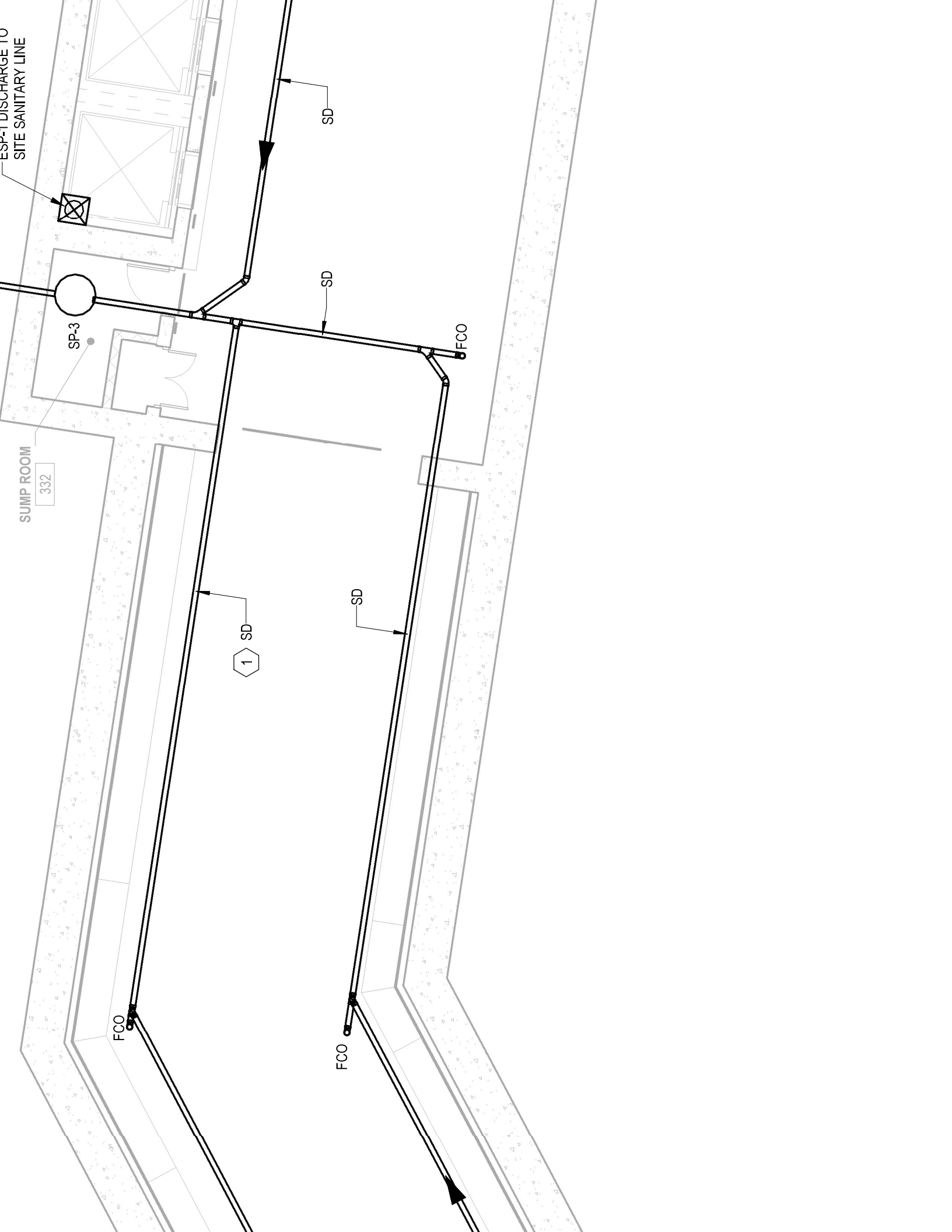
4" FD-1

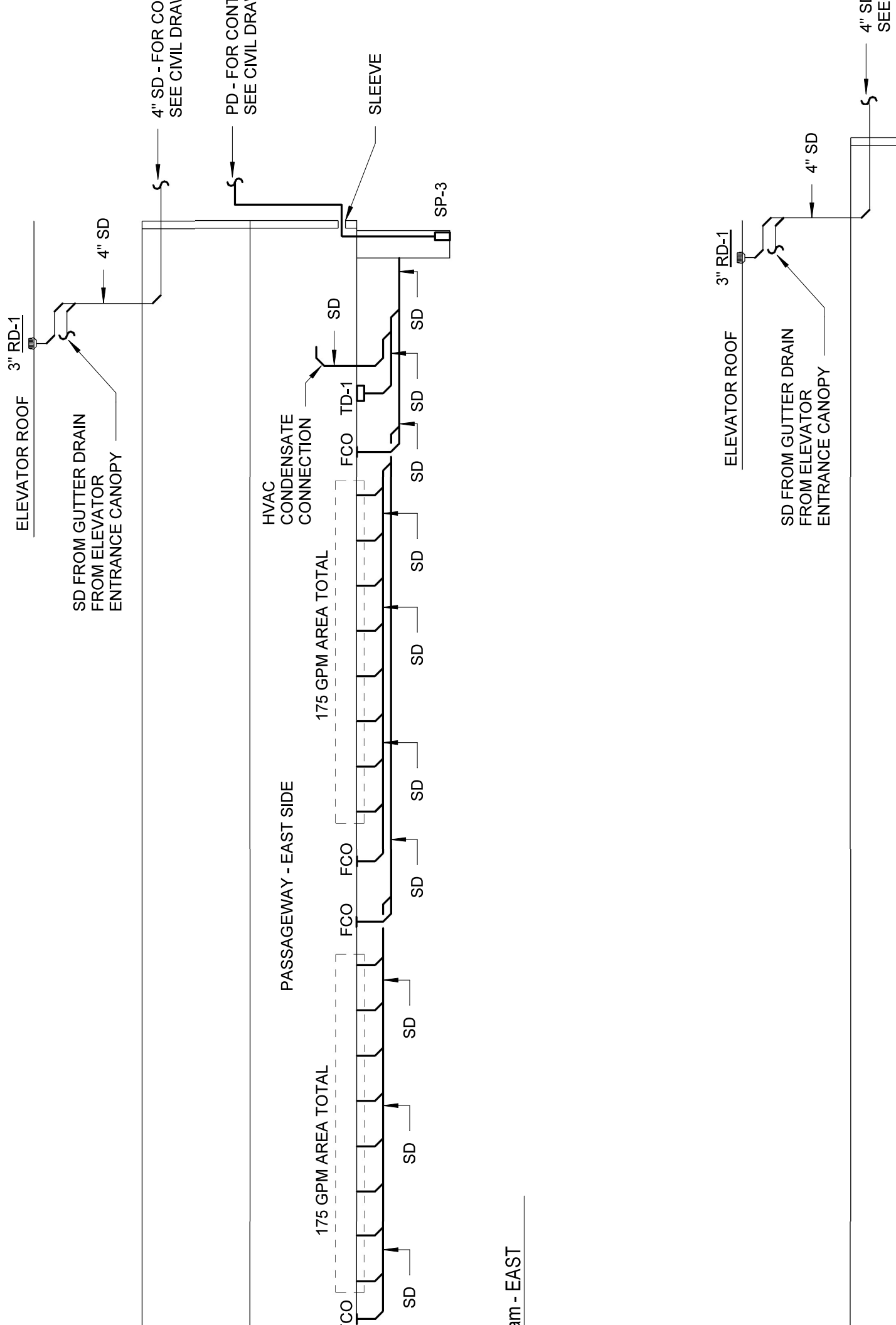
4" SAN

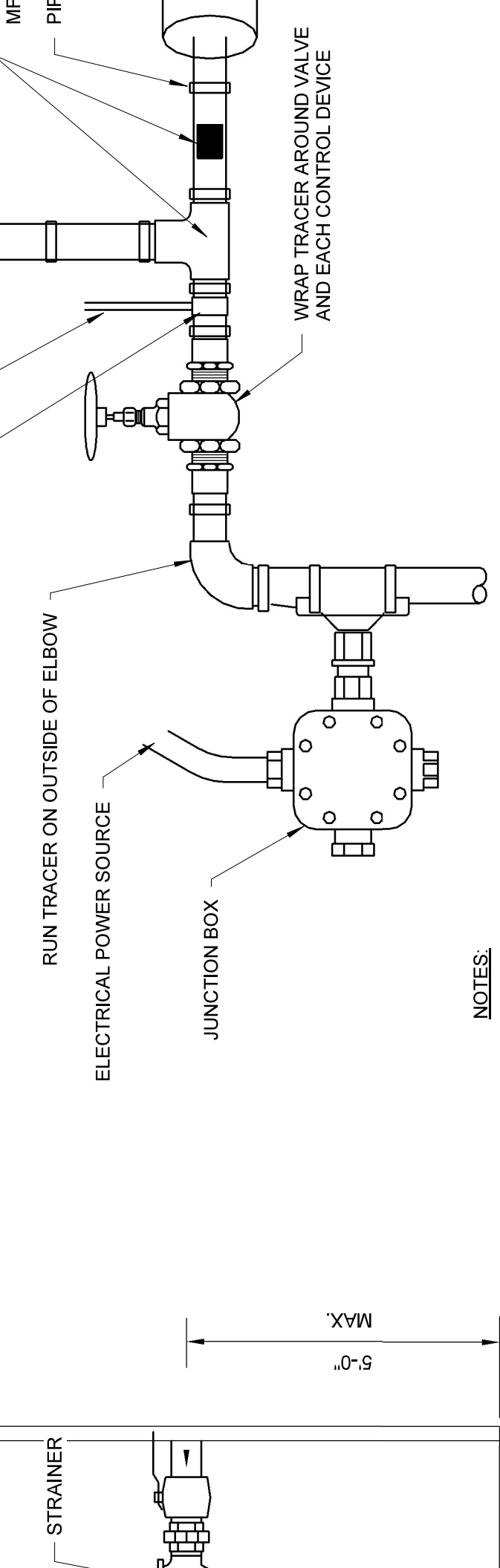
ELECTRICAL EQUIPMENT
ROOM
415









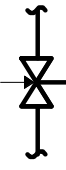


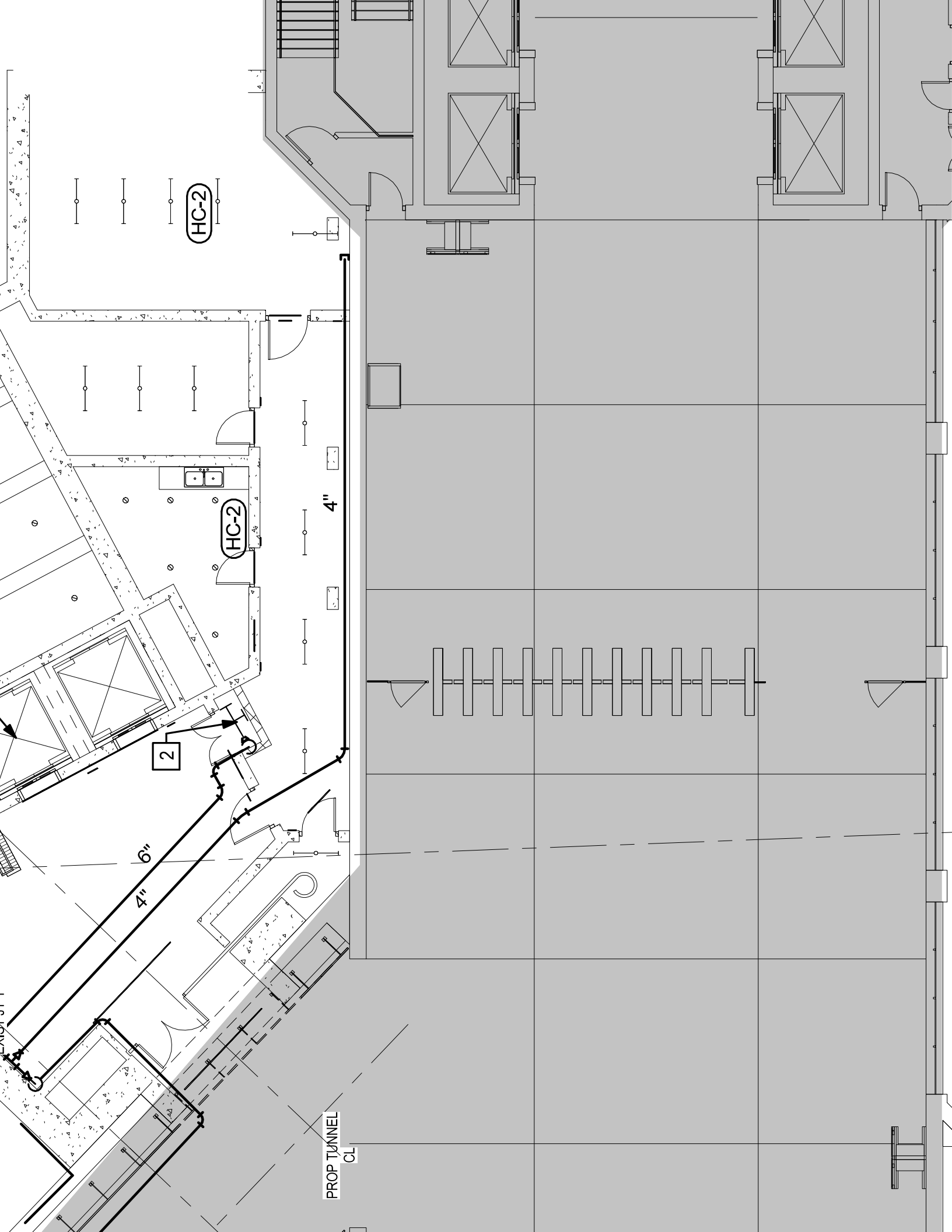
NOTES:

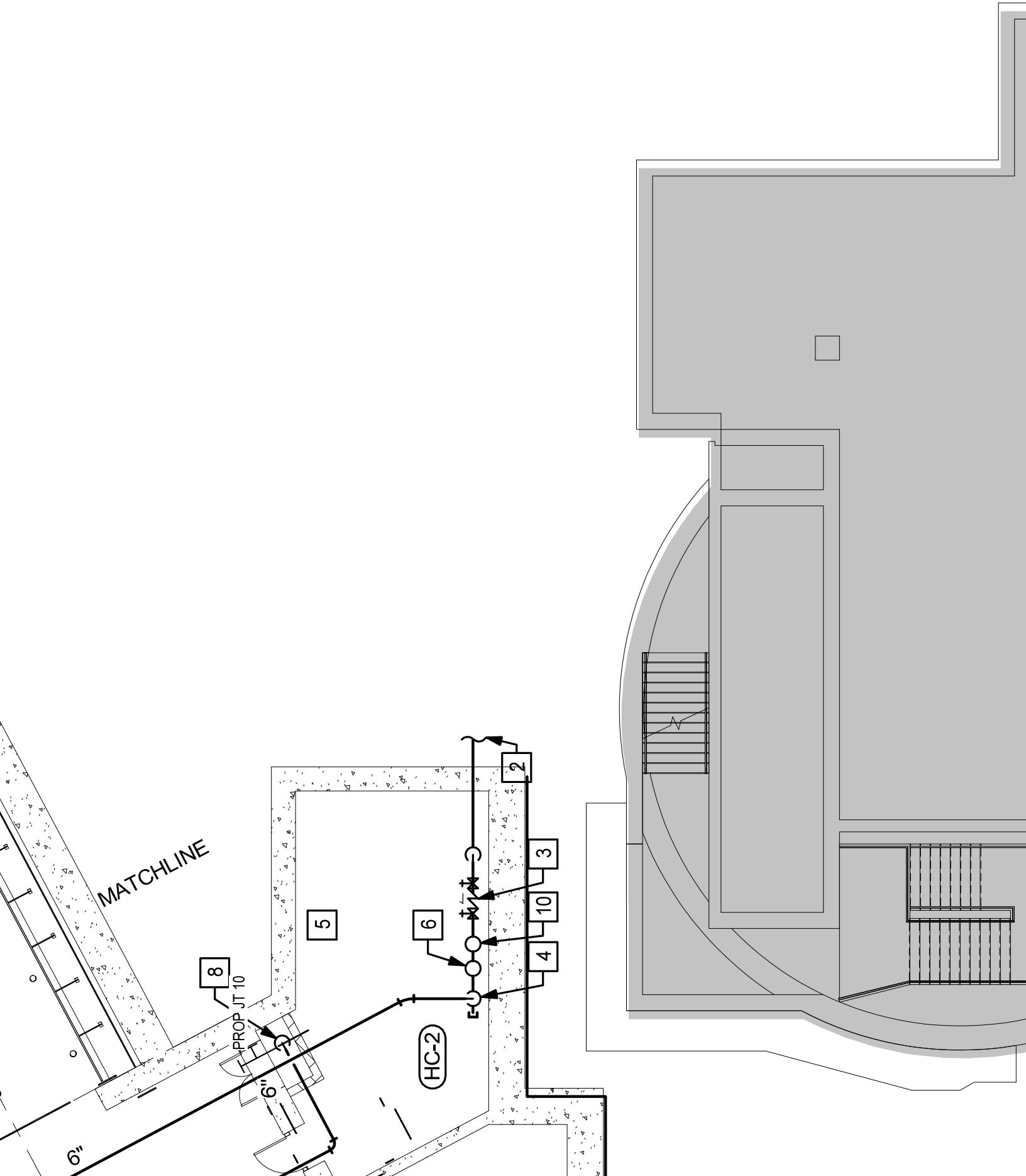
1. PROVIDE SELF-REGULATING ELECTRIC HEATING CABLE, CATALOG NO. SRF 3-1C BY CHROMALOX, OR APPROPRIATE EQUAL.
2. PROVIDE MANUFACTURER'S STANDARD END CAPS, TEES, STRAIGHT SPLICES AND JUNCTION BOXES.
3. ELECTRIC TRACING CABLE SHALL BE POWERED BY 120V/1 PH/60 HZ, 20A SERVICE.
4. ELECTRIC TRACING CABLE SHALL BE CONTINUOUS AND NOT EXCEED 30 L.F. POWER CONSUMPTION SHALL BE W/L.F.
5. INSTALL ELECTRICAL HEAT TRACING TO PROTECT INCOMING WATER SERVICE, EXISTING SHUT-OFF VALVE, APPURTENANCES INCLUDING BUT NOT LIMITED TO: RPZ BFP, WATER METER, STRAINER, DRAIN VALVE, ETC.
6. DRAIN LINES TO FLOOR DRAIN MAY BE WITHOUT INSULATION.
7. HEAT TRACING INSTALLATION SHALL BE COMPLETE AND INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: STAINLESS STEEL PIPE STRAPS, END SEAL KIT, POWER CONNECTION KIT, CAUTION LABELS, ETC.
8. INSTALL ALL ITEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
9. ALL WATER SERVICE PIPING AND APPURTENANCES SHALL BE COVERED W/ 1/2" THICK FIBERGLASS INSULATION AND ALL SERVICE JACKET

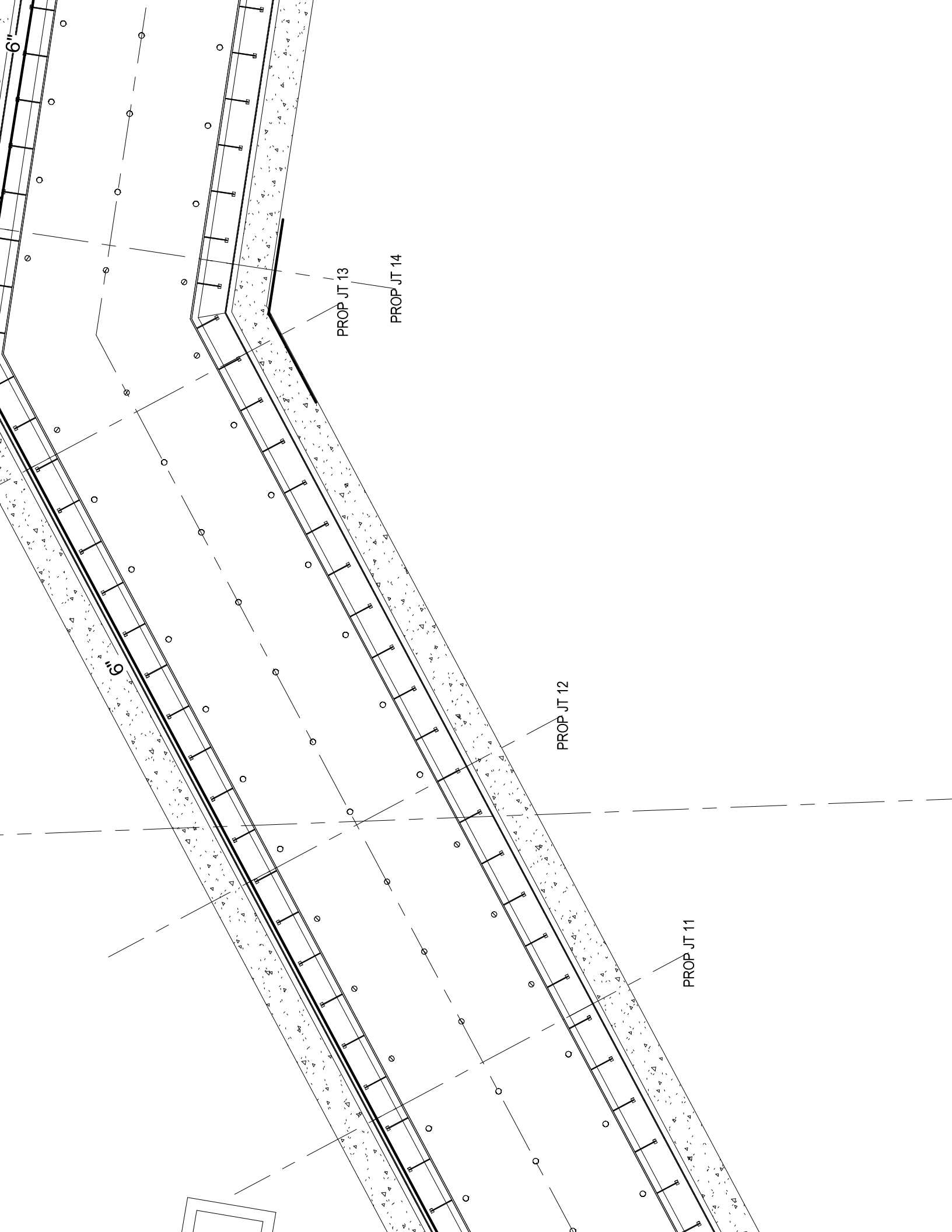
		PUMP WITH OIL MINDER CONTROL PANEL				
ESP-2	ELEVATOR SUMP PUMP	DUPLEX SUBMERSIBLE SUMP PUMP WITH OIL MINDER CONTROL PANEL	STANCOR	SV-200	40	10
SP-1	SANITARY SUMP PUMP	DUPLEX SUMP PUMP	FLYGHT	NP-3069	50	50
SP-2	STORM SUMP PUMP	DUPLEX SUMP PUMP	FLYGHT	NP-6020	50	45
SP-3	STORM SUMP PUMP	DUPLEX SUMP PUMP	FLYGHT	NP-6020	50	35

PL					
SYMBOL	DESCRIPTION	CHARACTERISTICS	MANUFA	WAT	
BFP-1	REDUCED ZONE BACKFLOW PREVENTION	FDA APPROVED			
FD-1	FLOOR DRAIN	FLOOR DRAIN WITH ADJUSTABLE STRAINER HEAD			BLUC
TP-1	TRAP PRIMER	ELECTRONIC TIMER CONTROLLED TRAP PRIMER			PREC PLUM PROD JAY R.
RD-1	ROOF DRAIN	ROOF DRAIN WITH ADJUSTABLE EXTENSION			
TD-1	TRENCH DRAIN	PRE-SLOPED TRENCH DRAIN WITH UV STABALIZED POLYPROPYLENE CHANNEL			WAT

	PIPE ELBOW UP		PRESSURE REGULATING
	PIPE TEE DOWN		PRESSURE RELIEF VALVE
FIRE SUPPRESSION ABBREVIATIONS			
ABD	AUTOMATIC BALL DRIP		
ACT	ACOUSTICAL CEILING TILE		
AFF	ABOVE FINISHED FLOOR		
AS	AUTOMATIC SPRINKLER		
ATR	ALL THREAD ROD		
BFP	BACKFLOW PREVENTER		
BOB	BOTTOM OF BEAM		
CB	CONCRETE BEAM		
COL	COLUMN		
CONC	CONCRETE		
DI	DUCTILE IRON		
DN	DOWN		
DP	DRY PENDENT (SPRINKLER)		
DS	DRY SIDEWALL (SPRINKLER)		
EC	EXTENDED COVERAGE (SPRINKLER)		
EXP	EXPOSED (NO CEILING)		
FD	FLOOR DRAIN		
FDC	FIRE DEPARTMENT CONNECTION		
FHV	FIRE HOSE VALVE		
FS	FLOW SWITCH		
GALV	GALVANIZED		
GYP	GYPSUM WALL BOARD		
	(SHEETROCK)		
HT	HIGH TEMPERATURE (SPRINKLER)		
ITC	INSPECTORS TEST CONNECTION		
MAX	MAXIMUM		
MIN	MINIMUM		
MT	METAL TILE		
NIC	NOT IN CONTRACT		
NS	NON-SPRINKLERED		
NTS	NOT TO SCALE		
OSJ	OPEN STEEL JOIST		







FILL MATERIAL (NOT SHOWN)
PLUS, FLUSH WITH BOTH SURFACES
MATERIAL SHALL ALSO BE APPLIED
CE.

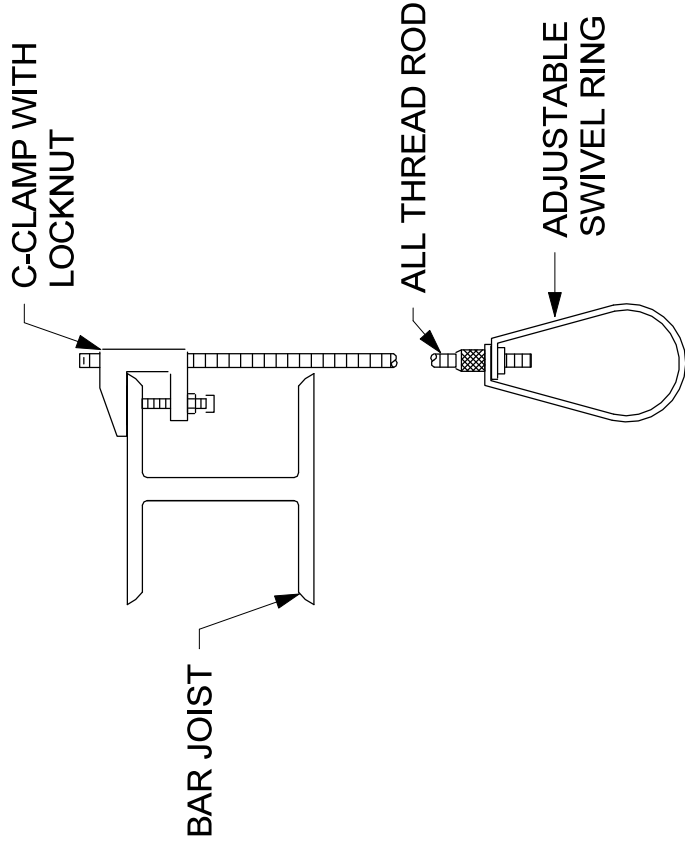
ENETRATION DETAIL

2

FS501

12" = 1'-0"

DRY PIPE VALVE DETAIL

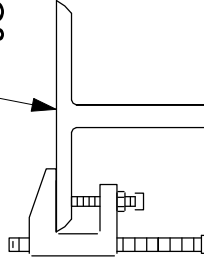


C-CLAMP WITH
LOCKNUT

ALL THREAD ROD

ADJUSTABLE
SWIVEL RING

I-BEAM OR
JOIST

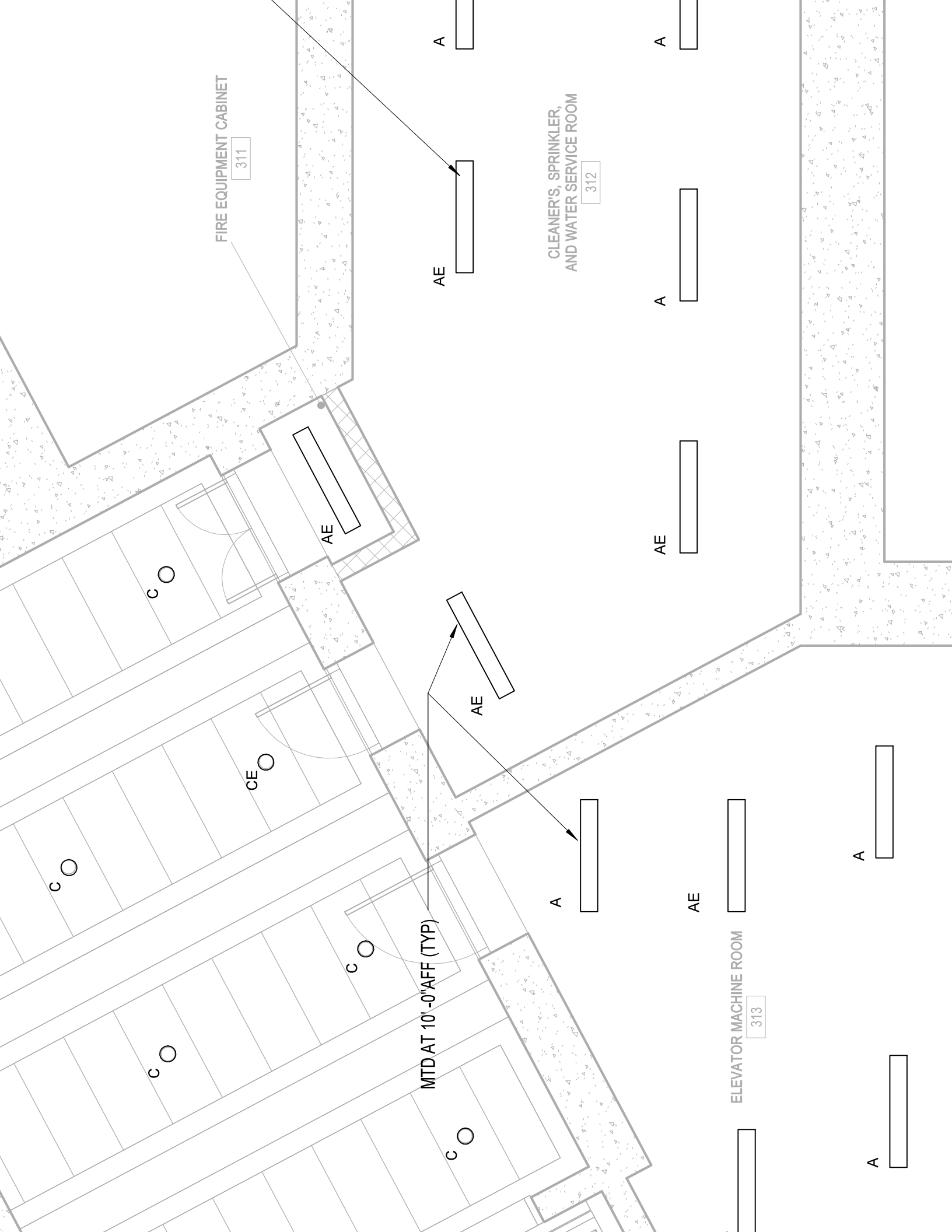


HANGER NOTES

1. MAXIMUM UNSUP
THAN 24". WHERE
UNSUPPORTED L
2. MIN 3/8" ALL THR
3. DO NOT SUPPORT
JOISTS OR FROM
4. WHERE TRAPEZE
ACCORDANCE W

GROUNDING BUSBAR		DETAIL FOR
	GROUND CONNECTION	
	CONDUIT DESIGNATION, "P" DENOTES POWER; "1" DENOTES CONDUIT NUMBER	
	DUAL-TECH OCCUPANCY SENSOR, SMALL MOTION (CEILING MOUNTED)	
	OCCUPANCY SENSOR, LARGE MOTION (CEILING MOUNTED)	
	PHOTOCELL FOR LIGHTING CONTROL	
WP	DENOTES WEATHERPROOF	
	MONITOR	
	JUNCTION BOX - FLOOR	
	JUNCTION BOX - CEILING / WALL	
	NOT IN CONTRACT, EQUIPMENT FOR REFERENCE ONLY. EQUIPMENT AND INSTALLATION BY OTHERS.	
	PULL BOX, NEMA 4X OUTDOORS, NEMA 12 INDOORS U.O.N.	
	ENCLOSED CIRCUIT BREAKER	
	EQUIPMENT OR MOTOR CONNECTED, ### INDICATES CONNECTION NUMBER	
	TEST SWITCH	
	POTENTIAL TRANSFORMER, X - DENOTES NUMBER OF PTS	
	CURRENT TRANSFORMER, X - DENOTES NUMBER OF CTS	

CABLES, CONDUITS, AND SUPPLIES CABLES, EXTEND PAD 4" ALL SIDES, AND THE FIRE RATING OF FLOOR / CEILING SHALL BE NOT LESS THAN THAT OF THE CABLES, CONDUITS, AND SUPPLIES.	CNTL	CONTROL
	COL.	COLUMN
	COMM.	COMMUNICATION
	COMPR.	COMPRESSOR
	COND	CONDUCTOR
	CONT	CONTINUED, CONTINUATION
	CS	CONTROL SWITCH
	CT	CURRENT TRANSFORMER
	CU	COPPER
	DC	DIRECT CURRENT
CABLES, CONDUITS, AND SUPPLIES CABLES, EXTEND PAD 4" ALL SIDES, AND THE FIRE RATING OF FLOOR / CEILING SHALL BE NOT LESS THAN THAT OF THE CABLES, CONDUITS, AND SUPPLIES.	DISC/DS	DISCONNECT SWITCH
	DN	DOWN
	DPM	DIGITAL POWER METER
	DWG	DRAWING
	EC	EMPTY CONDUIT
	ECB	ENCLOSED CB
	ELEC	ELECTRICAL
	ELEV	ELEVATOR
	EM	EMERGENCY
	EQUIP	EQUIPMENT
CABLES, CONDUITS, AND SUPPLIES CABLES, EXTEND PAD 4" ALL SIDES, AND THE FIRE RATING OF FLOOR / CEILING SHALL BE NOT LESS THAN THAT OF THE CABLES, CONDUITS, AND SUPPLIES.	ESS	ESSENTIAL
	EWC	ELECTRIC WATER COOLER
	EXH	EXHAUST
	FACP	FIRE ALARM CONTROL PANEL
	FDR	FEEDER
	FLUOR.	FLUORESCENT
	FT	FOOT
	FRE	FIBERGLASS REINFORCED EPOXY
	FUT	FUTURE
	FVNR	FULL VOLTAGE NON REVERSIBLE
CABLES, CONDUITS, AND SUPPLIES CABLES, EXTEND PAD 4" ALL SIDES, AND THE FIRE RATING OF FLOOR / CEILING SHALL BE NOT LESS THAN THAT OF THE CABLES, CONDUITS, AND SUPPLIES.	GALV.	GALVANIZED
	GFI/GFCI	GROUND FAULT CIRCUIT INTRRUPTER
	GRD, GND, G	GROUND
	GRS, GSC, GRSC	GALVANIZED RIGID STEEL CONDUIT
	HP	HORSEPOWER
	HT, H	HEIGHT
	HTG	HEATING
	HTR	HEATER



FIRE EQUIPMENT CABINET

311

CLEANER'S, SPRINKLER,
AND WATER SERVICE ROOM

312

ELEVATOR MACHINE ROOM

313

MTD AT 10'-0" AFF (TYP)

A

AE

A

A

AE

AE

AE

A

AE

A

A

C O

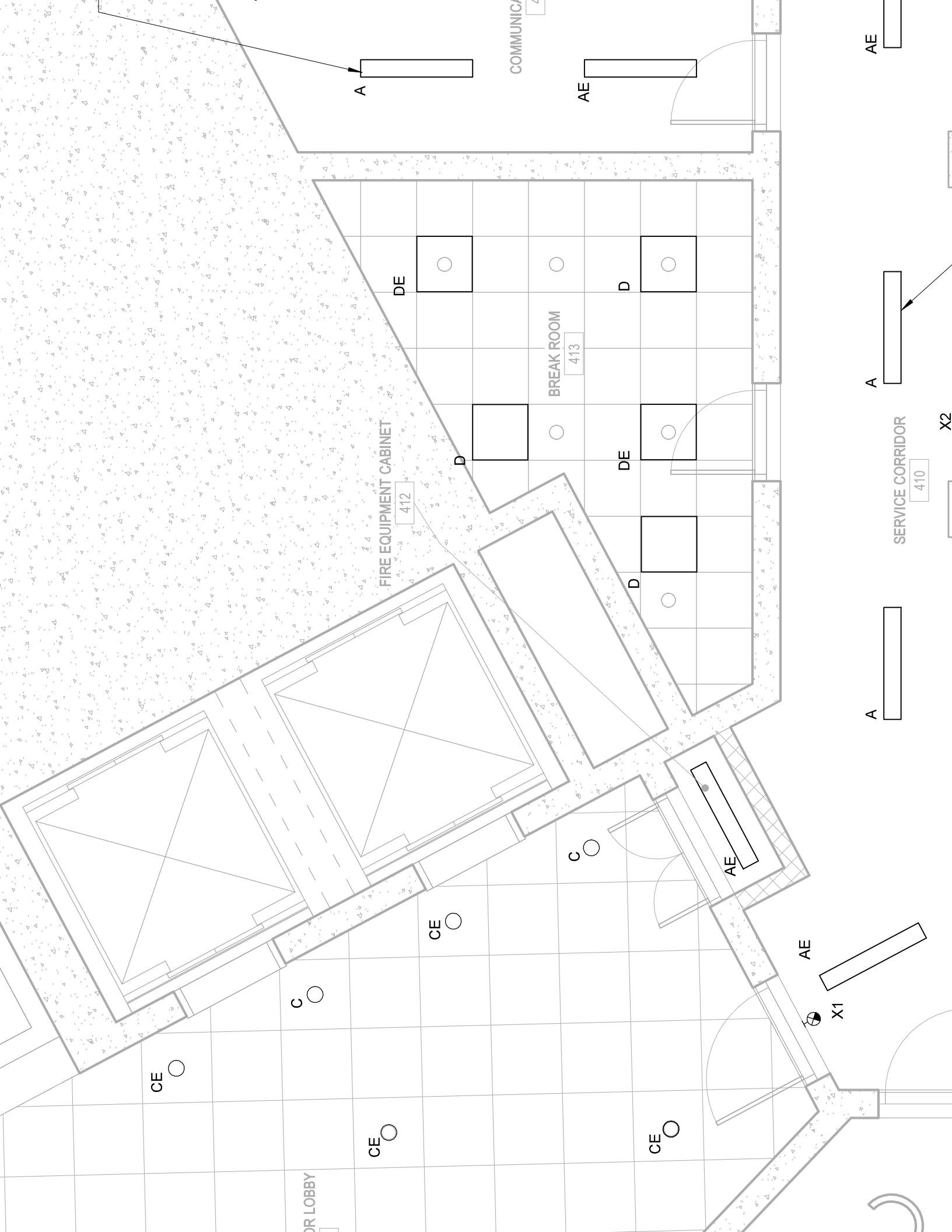
CE O

C O

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PROP JT 10

DS35

UH-5

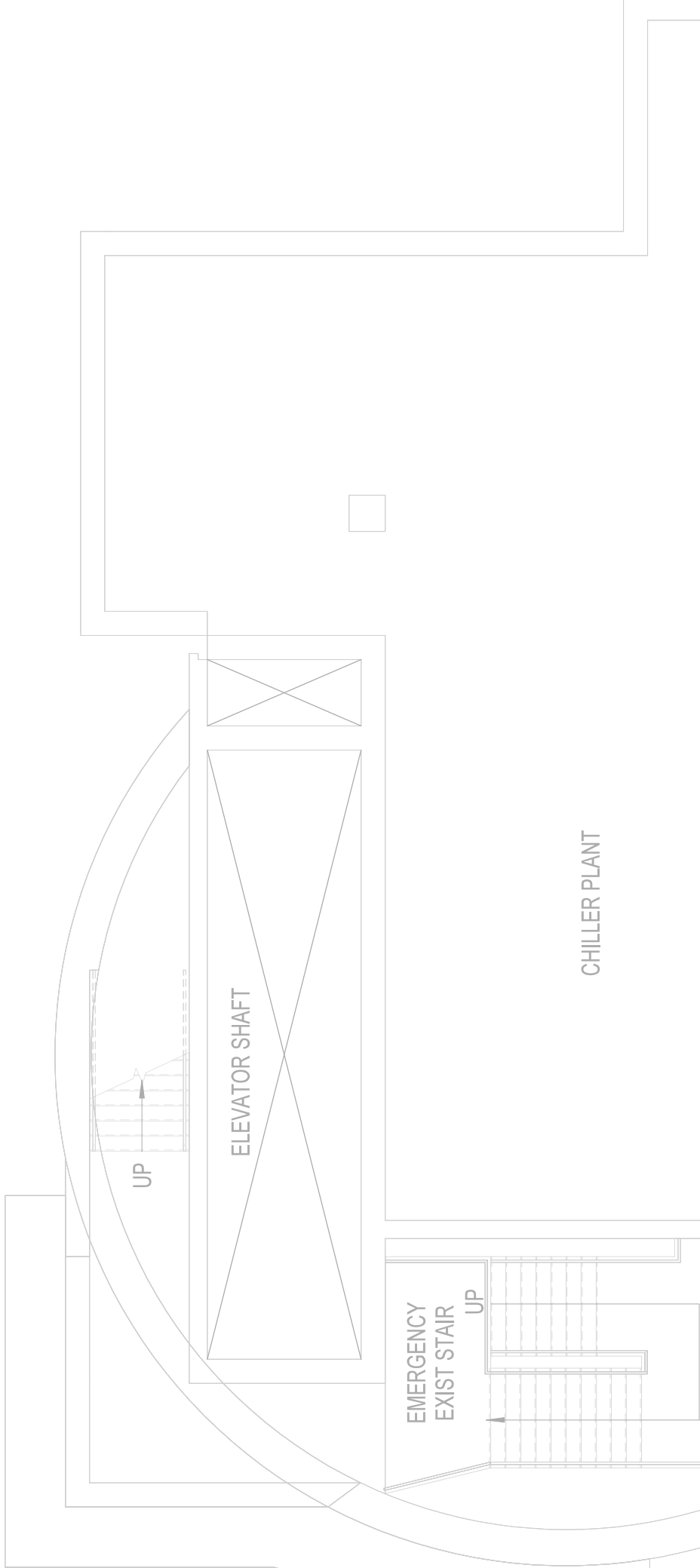
GFCI
WP
DS37

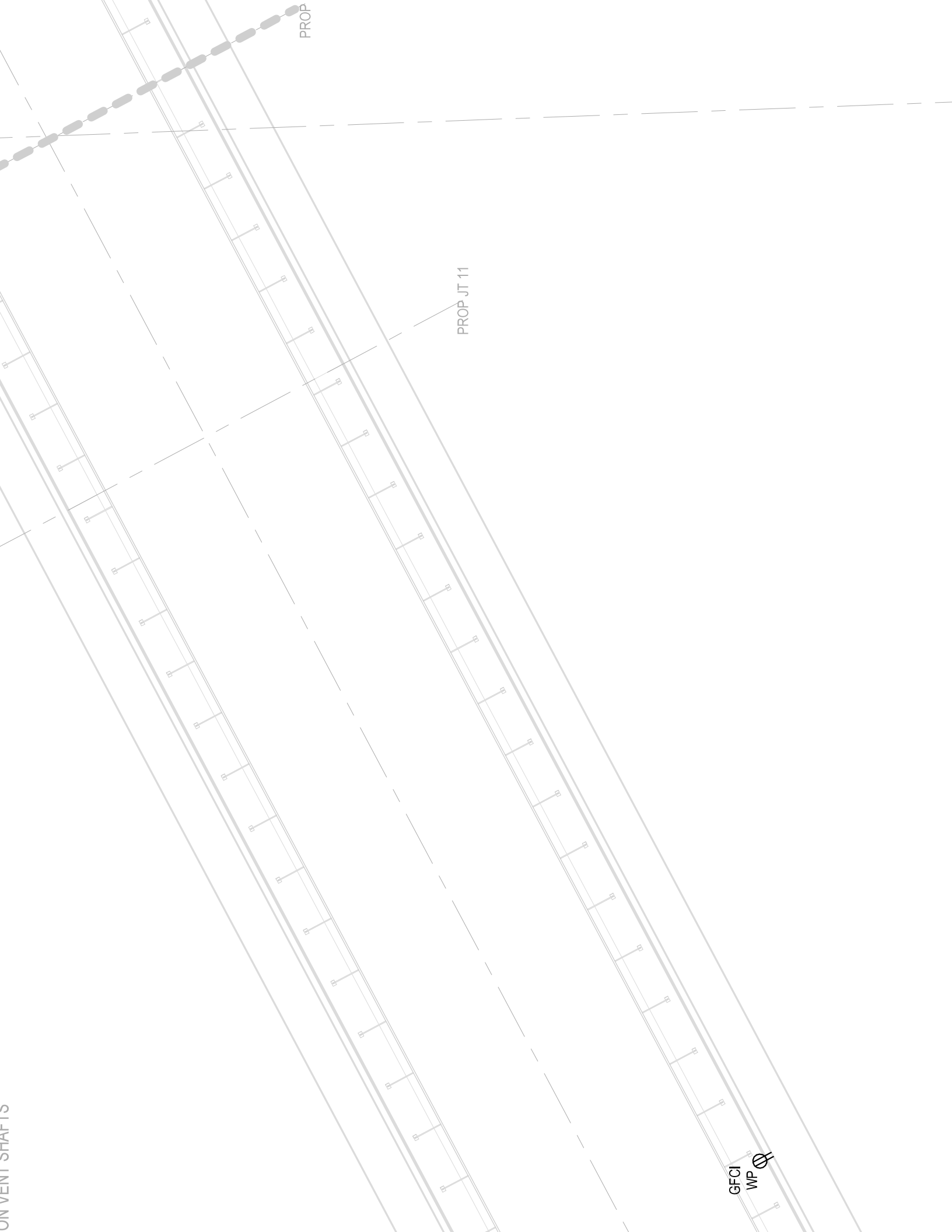
GFCI
WP

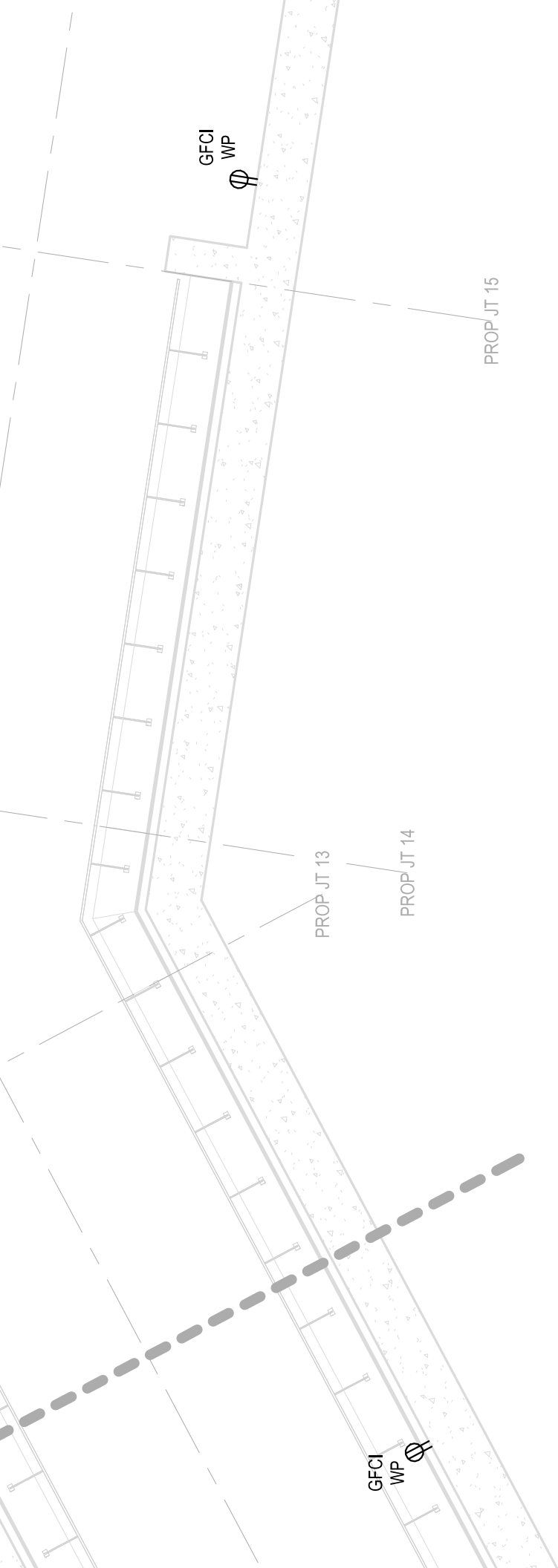
CLEANER'S, SPRINKLER,
AND WATER SERVICE ROOM

312

GFCI
WP







GFCI
WP

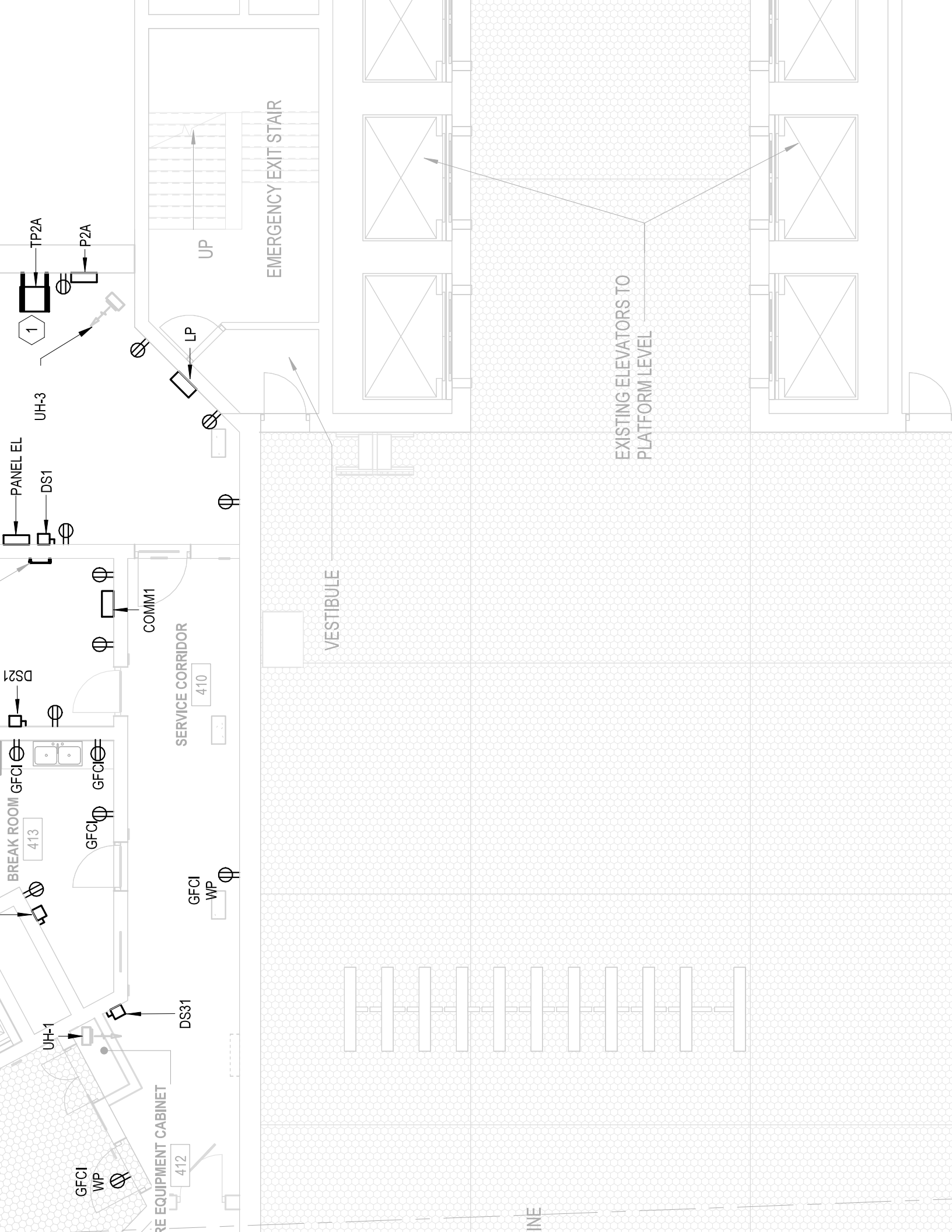
PROP JT 15

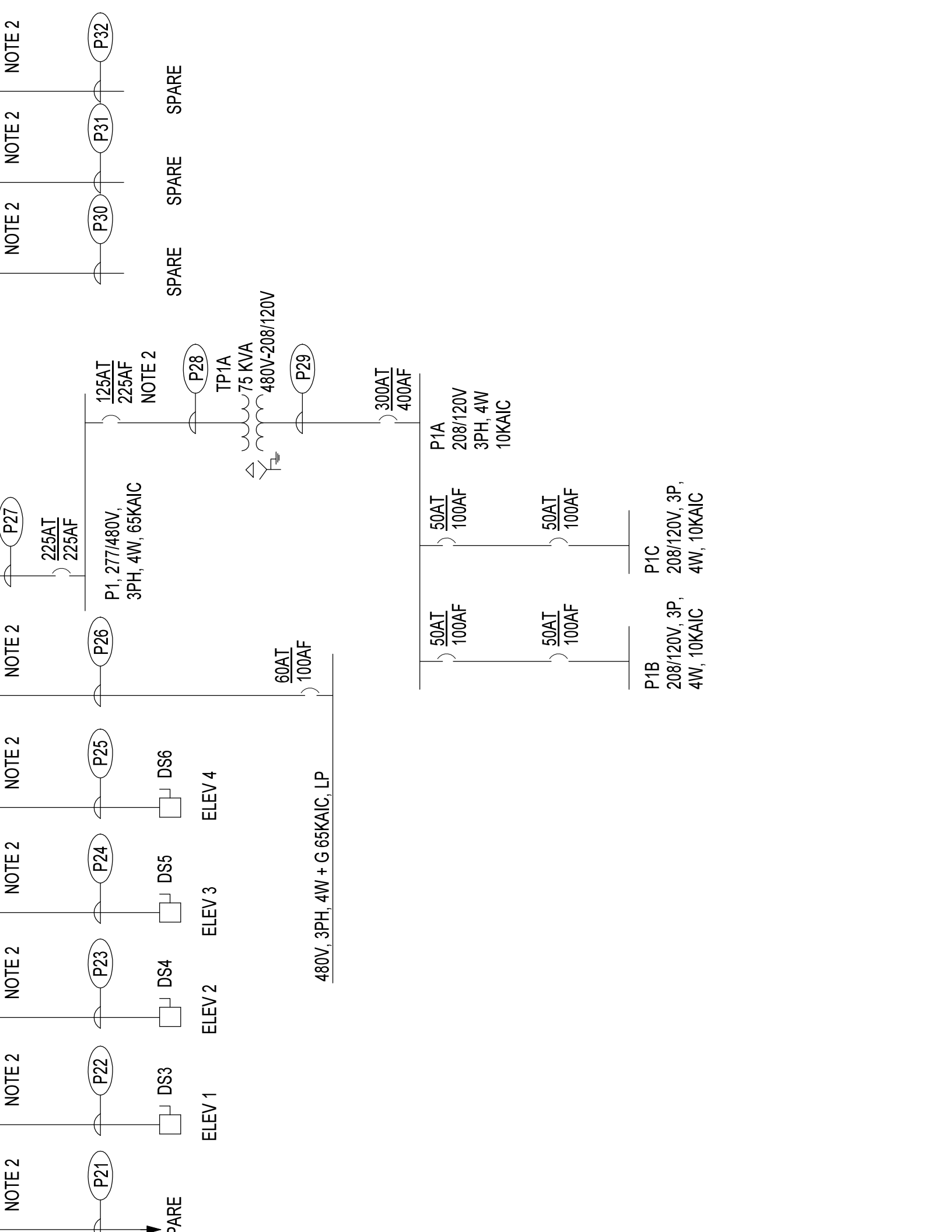
PROP JT 13

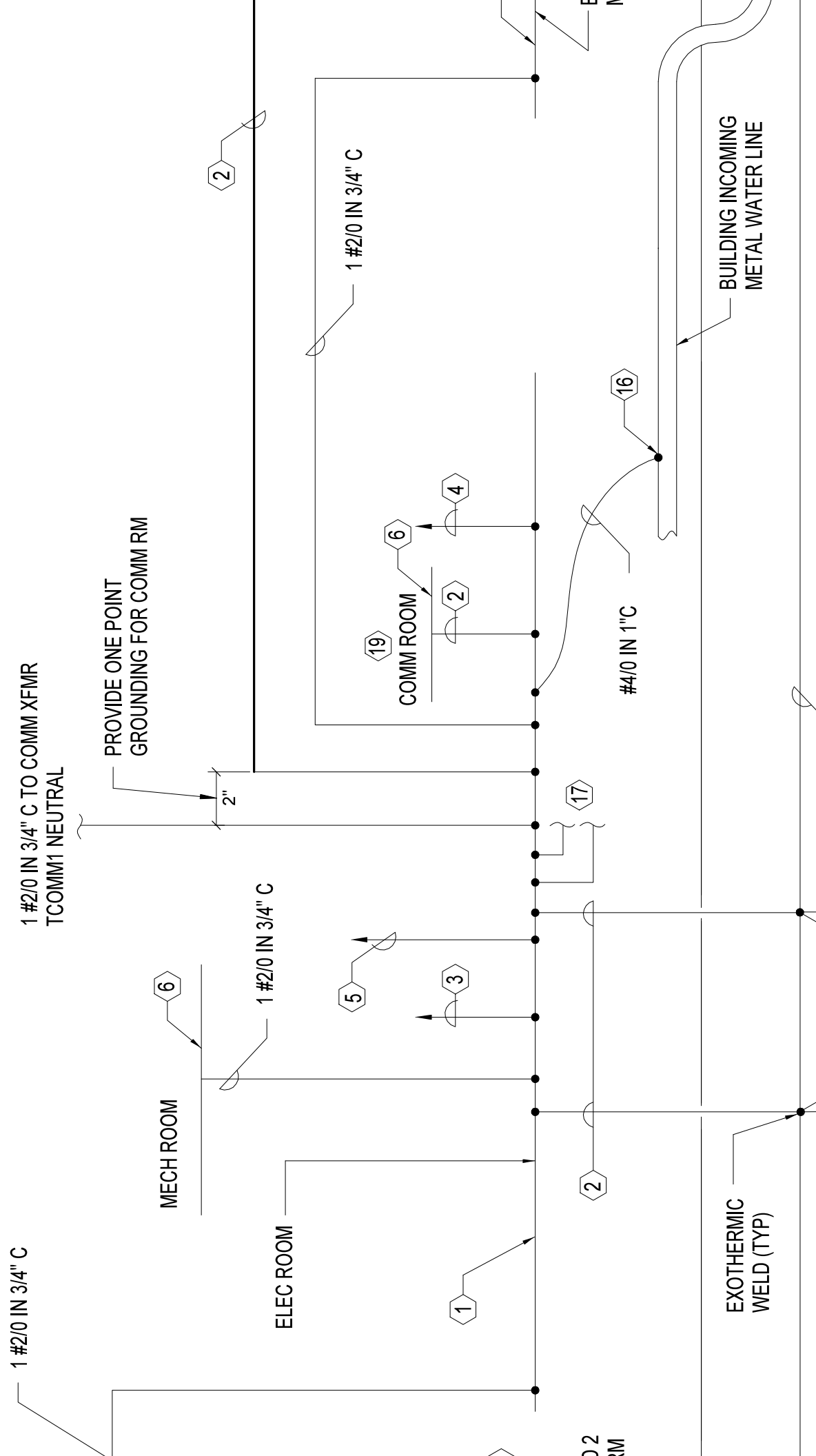
PROP JT 14

GFCI
WP

PROP JT 12







[illegible][illegible]

BRANCH PANEL: P2A

A.I.C. RATING: 10,000 A
BUS RATING: 400 A
MAIN BREAKER: 300 A

LOCATION: ELECTRICAL ROOM 10
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

POLES	TRIP	FRAME	DESCRIPTION
WINTER DEMAND (KVA)			SUMMER DEMAND (KVA)

DESCRIPTION	FRAME	TRIP	POLES
TOTAL L			TOTAL L
TOTAL CONNECTED LOAD (KVA)			

OVA

A.I.C. RATING: 10,000 A
BUS RATING: 100 A
MAIN BREAKER: 60 A

[illegible]

BRANCH PANEL: PANEL SP

LOCATION: ELECTRICAL ROOM 10
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

DESCRIPTION	FRAME	TRIP	POLES	CK NO
				1
				3
				5
				7
				9
				1
				1
				1
				1
				1
				2
				2
				2
				2
				2
				3
				3
				3
				3
				3
				4
TOTAL LOAD				

[illegible]

A.I.C. RATING: 10,000 A
BUS RATING: 100 A
MAIN BREAKER: 60 A

CKT NO.	POLES	TRIP	FRAME	DESCRIPTION
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				



EASWL-R-U-W-IP-USA-EA-I	Z//V		SURFACE/ PENDANI	
-------------------------	------	--	------------------	--

STATIONS, FIRE FIGHTER TELEPHONE JACKS, MANUAL STATIONS, CARD READERS, MANUAL EXIT DEVICES, WALL MOUNTED DURESS ALARM RESCUE ASSISTANCE PANELS, LCD KEYPADS (DEVICE)

ARM BUTTONS, DOOR RELEASE BUTTONS

PHONE JACKS, LOW TELEVISION JACKS, NE JACKS

JUNCTION BOXES FLUSH TO FINISHED FLOOR TELEPHONE, MICROPHONE, MEDIA)

0 CENTER OF DEVICE AND WILL BE 00 OR DETAILED OTHERWISE ON THE

IG HEIGHTS WILL BE USED FOR RICK COURSING.

IONS OF ALL EQUIPMENT, DEVICES, CONTROLS ATED WITH ALL AFFECTED TRADES PRIOR TO FOR ALL EQUIPMENT, DEVICES, CONTROLS ED AT THE TIME OF SHOP DRAWING

GENERAL SYMBOLS LEGEND			
	OUTDOOR PULLBOX		JUNCTION E
	120 VAC EMERGENCY ELECTRICAL DUPLEX OUTLET		JUNCTION E STACKED F
	120 VAC EMERGENCY ELECTRICAL QUADRAPLEX OUTLET		ROUGH IN C
	120 VAC EMERGENCY ELECTRICAL CONNECTION		SPECIFIC CC
	ABOVE GRADE/SLAB HOMERUN		BELOW GRA
	CONDUIT UP		CONDUIT DO
	ABOVE GRADE/SLAB HOMERUN ENCLOSED IN CONDUIT		EQUIPMENT
NOTE: THIS IS A STANDARD SYMBOL LIST. ALL SYMBOLS MAY NOT APPEAR ON THIS PROJECT.			

ITION	CABLE	TWISTED	No. OF CONDUCTORS	SHIELDED	NFPA CLASS	NFPA STYLE	IN CONDUIT	NOTES
D	16 AWG	YES	2	PER MANUF.	B	4	YES	T-TAPPING PERMITTED, BUT DISCOURAGED, NO
D	14 AWG	NO	2	NO	B	Y	YES	NO T-TAPPING, CIRCUITS FROM FACP'S: REQUIRE
D	16 AWG	YES	2	YES	B	Y	YES	NO T-TAPPING, CIRCUITS FROM FACP'S: REQUIRE
D	14 AWG	NO	2	NO	B	N/A	YES	T-TAPPING PERMITTED

31. SMOKE DETECTORS SHALL NOT BE INSTALLED LESS THAN 3 FEET FROM ANY HVAC SUPPLY OR RETURN AIR REGISTER AND A MINIMUM OF 1 FOOT AWAY FROM ALL LIGHTING FIXTURES

32. PROVIDE APPROVED EARTH GROUND AT FIRE ALARM CONTROL PANEL CHASSIS. A CONDUIT GROUNDING TO BUILDING STEEL SHALL NOT BE CONSIDERED AN ACCEPTABLE METHODOLOGY FOR GROUNDING OF FIRE ALARM CONTROL PANEL.

33. ALL AC ELECTRICAL CIRCUITS FEEDING THE FIRE ALARM CONTROL EQUIPMENT SHALL BE EQUIPPED WITH DEDICATED CIRCUIT BREAKER LOCKOUT DEVICE IN ACCORDANCE WITH NFPA 72.

34. THE CONTRACTOR SHALL METER ALL WIRES AND CIRCUITS TO ENSURE THEY ARE FREE OF ANY GROUNDS AND SHORTS PRIOR TO COMMISSIONING OF THE SYSTEM.

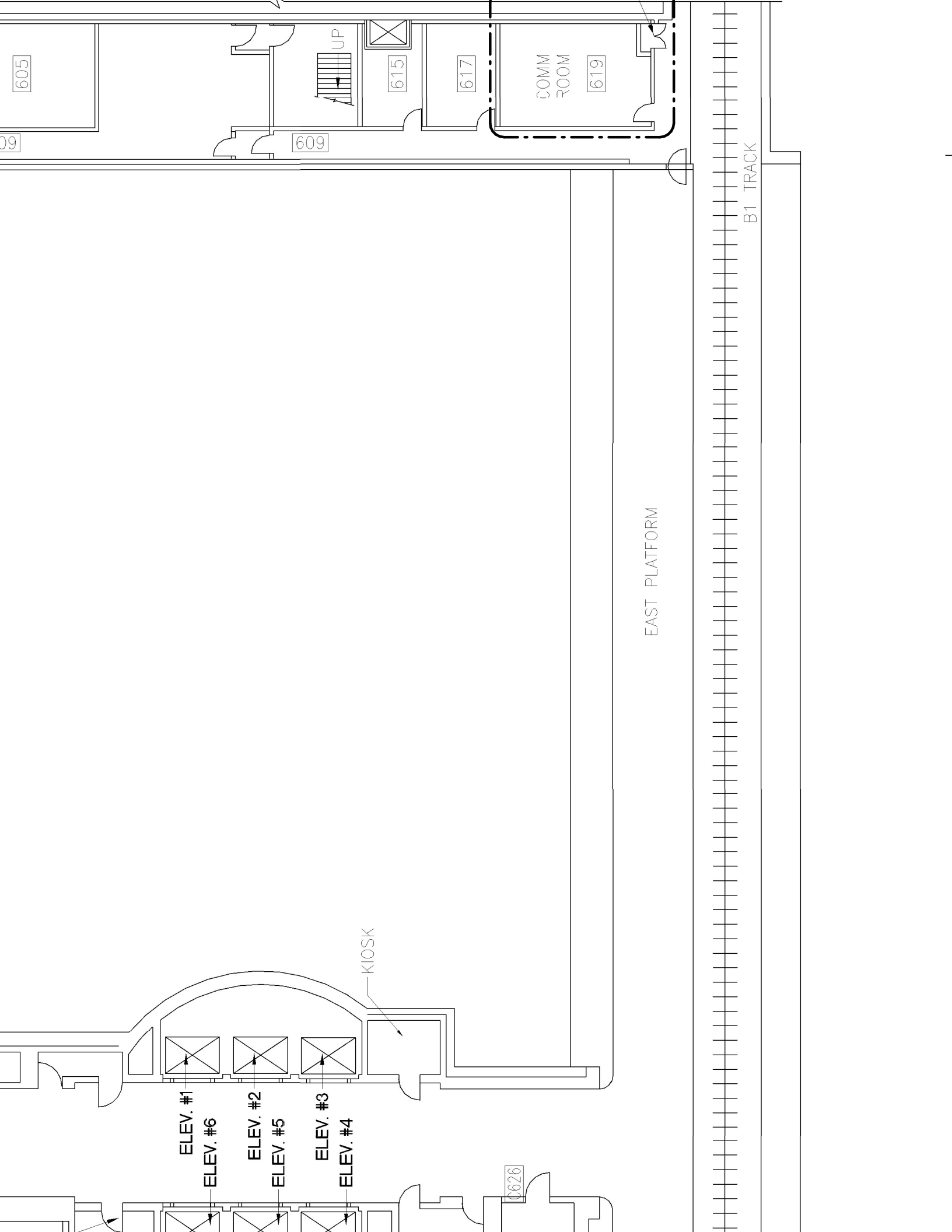
35. ALL AUXILIARY ALARM RELAYS MUST BE INSTALLED WITHIN 3 FEET OF THE EQUIPMENT TO BE CONTROLLED IN ACCORDANCE WITH ALL NFPA 72 REQUIREMENTS.

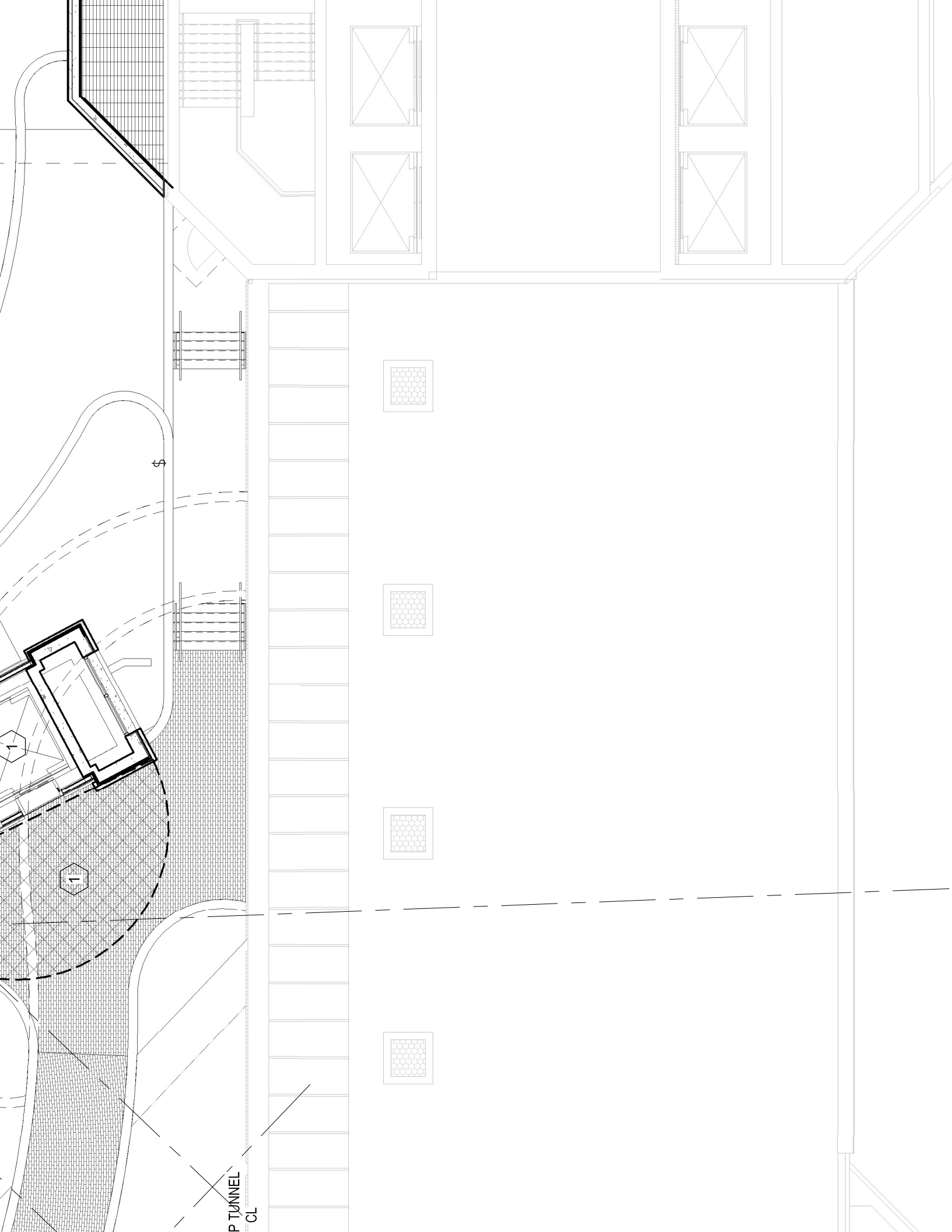
36. REFER TO ALL RELATED SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.

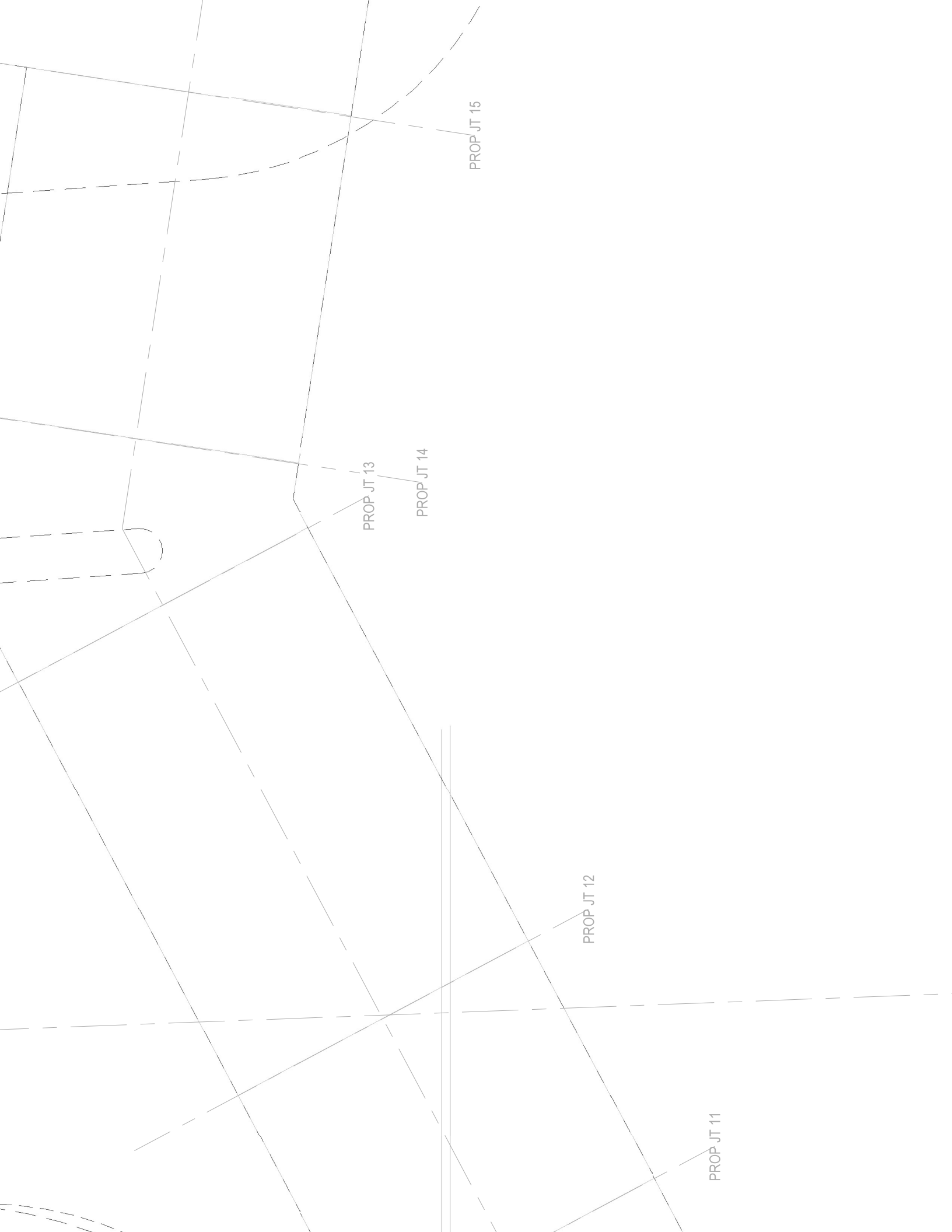
37. THE FIRE ALARM EQUIPMENT PROVIDER SHALL EMPLOY TECHNICIANS ON SITE TO PROVIDE SYSTEM DESIGN, CERTIFICATION AND PROGRAMMING AND TESTING IN ACCORDANCE WITH NFPA 72 REQUIREMENTS AND SHALL BE FULLY LICENSED TO PROVIDE FIRE ALARM SYSTEMS WITHIN THE MUNICIPALITY OF THE PROJECT AND SHALL BE NICET CERTIFIED (MINIMUM LEVEL III FIRE ALARM TECHNOLOGY).

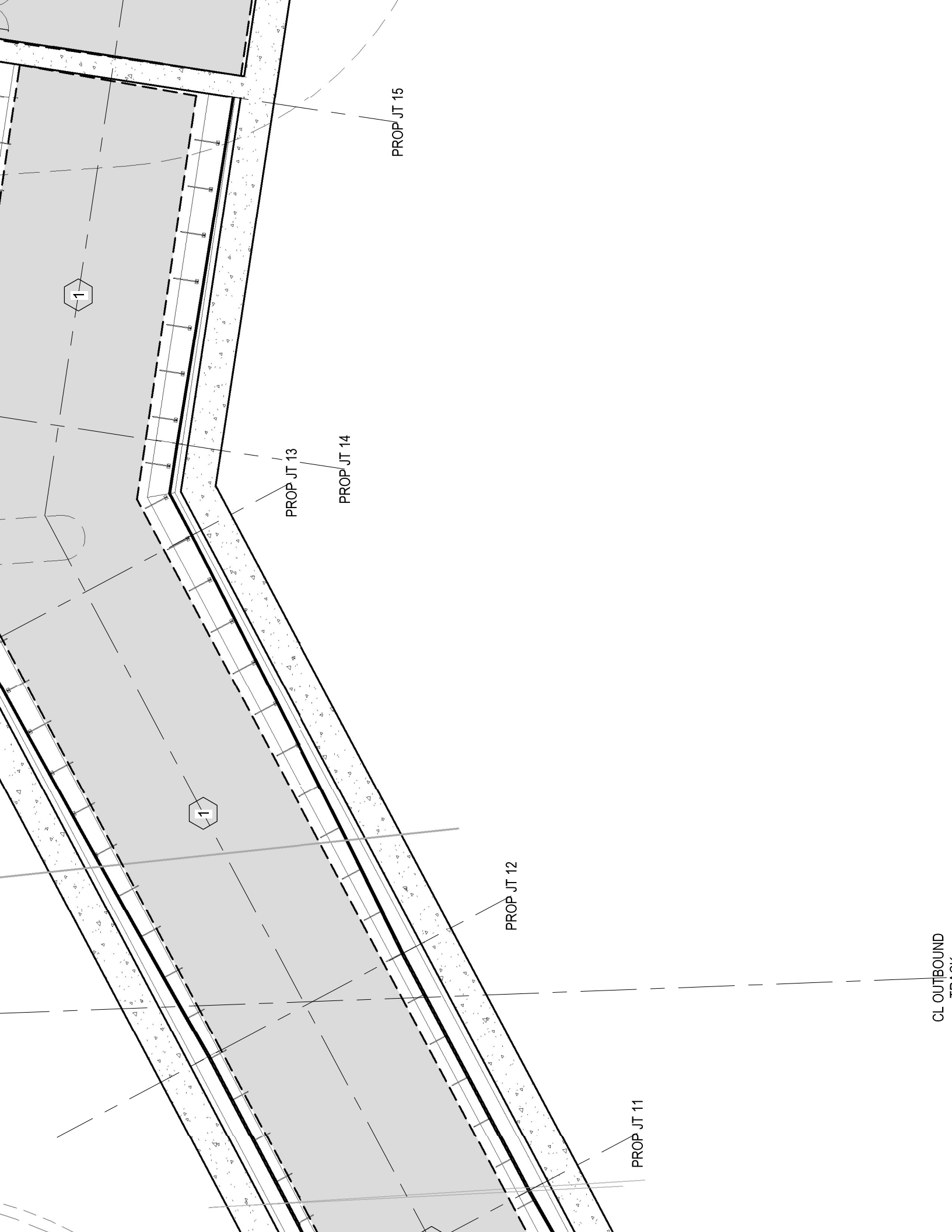
38. THE SERVICE OF A COMPETENT, FACTORY-TRAINED ENGINEER OR NICET LEVEL III TECHNICIAN AUTHORIZED BY THE EQUIPMENT MANUFACTURER AND LICENSED BY THE STATE SHALL BE PROVIDED TO TECHNICALLY SUPERVISE INSTALLATION AND PARTICIPATE DURING INITIAL SYSTEM START-UP, FINAL TESTING AND ASSIST THE AUTHORITY HAVING JURISDICTION DURING FINAL ACCEPTANCE TESTING.

39. SHOP DRAWINGS SHALL BE SUBMITTED FOR PERMITS.









PROP JT 15

PROP JT 13

PROP JT 14

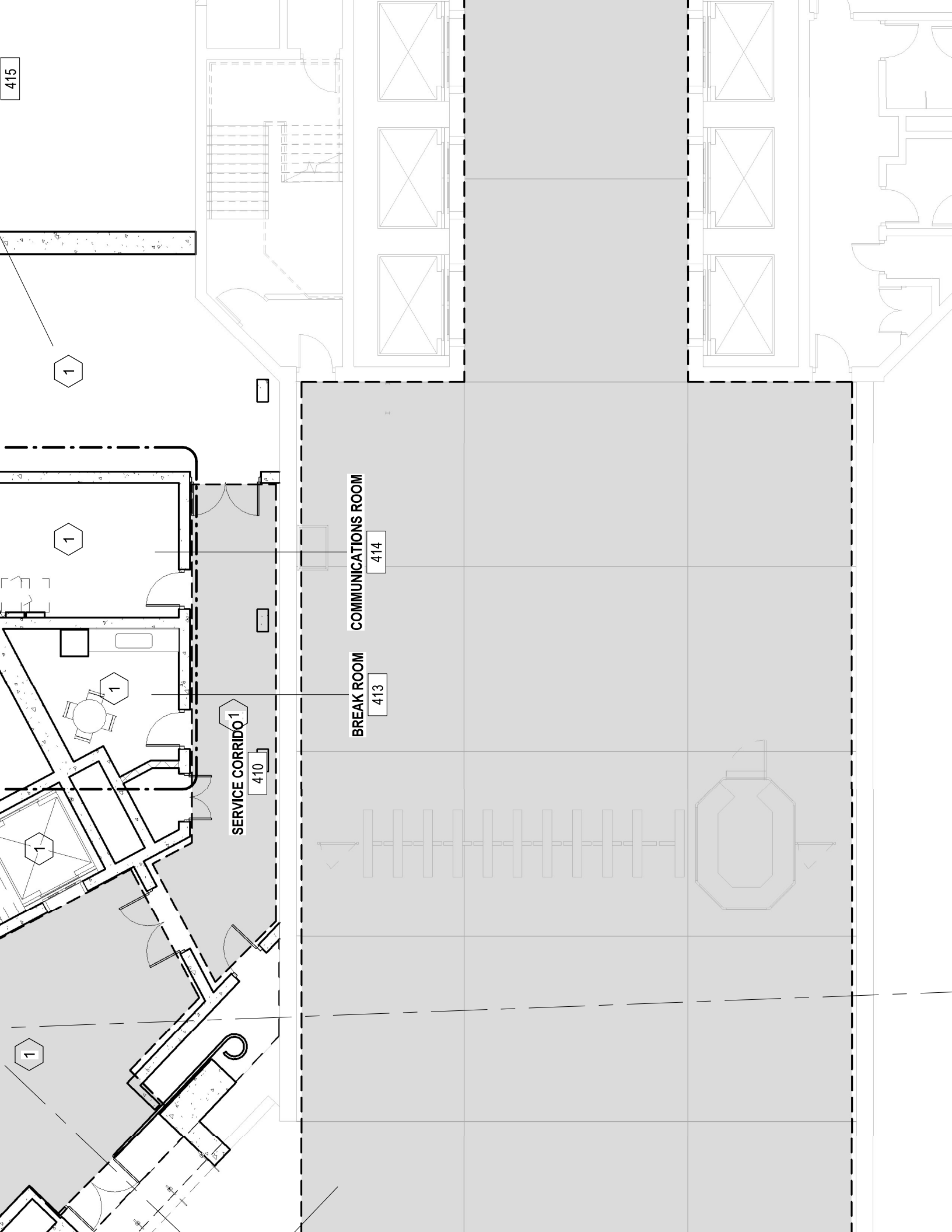
PROP JT 12

PROP JT 11

CL OUTBOUND

1

1



415

1

1

1

1

1

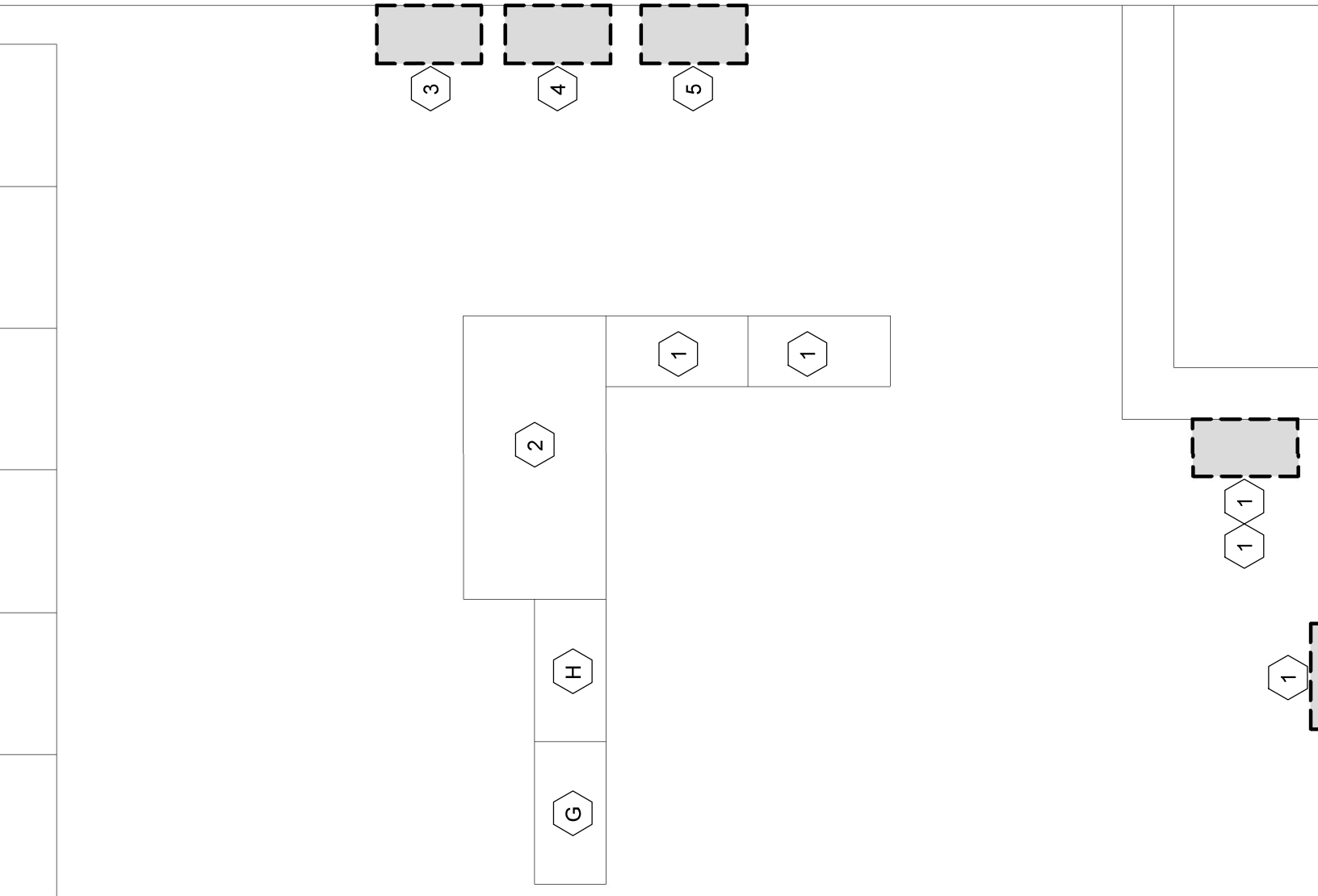
SERVICE CORRIDOR 1

410

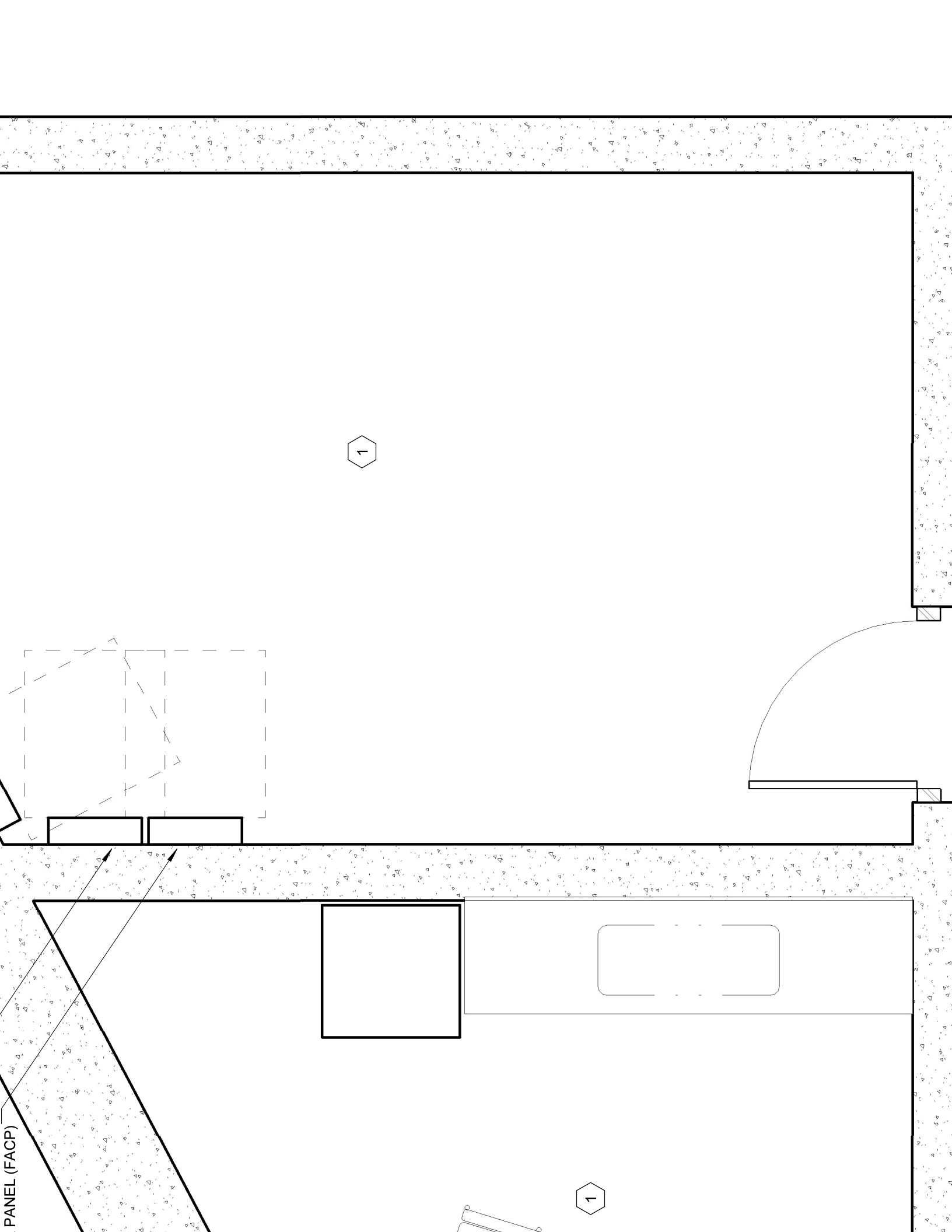
BREAK ROOM COMMUNICATIONS ROOM

413

414



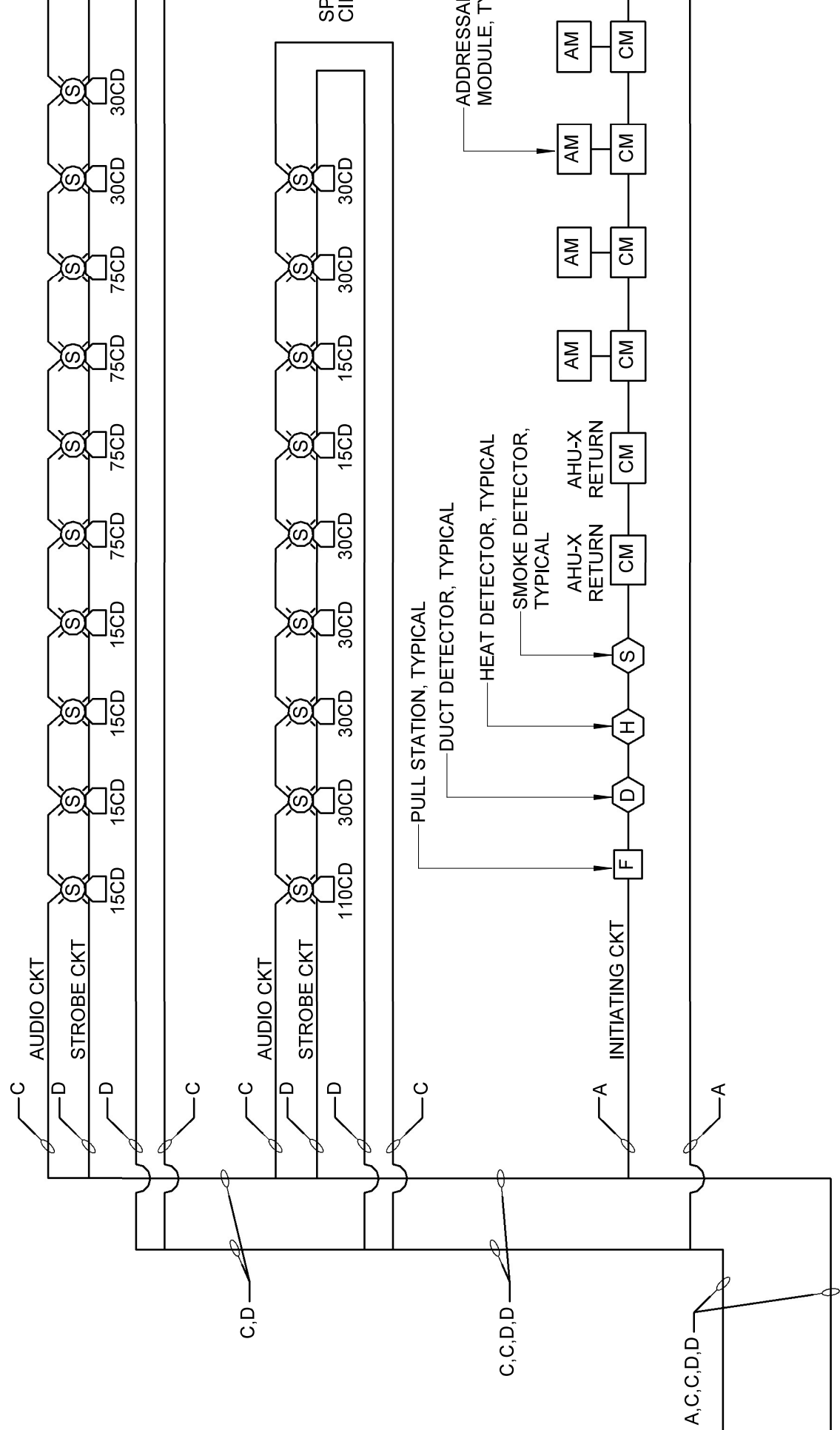
PANEL (FACP)

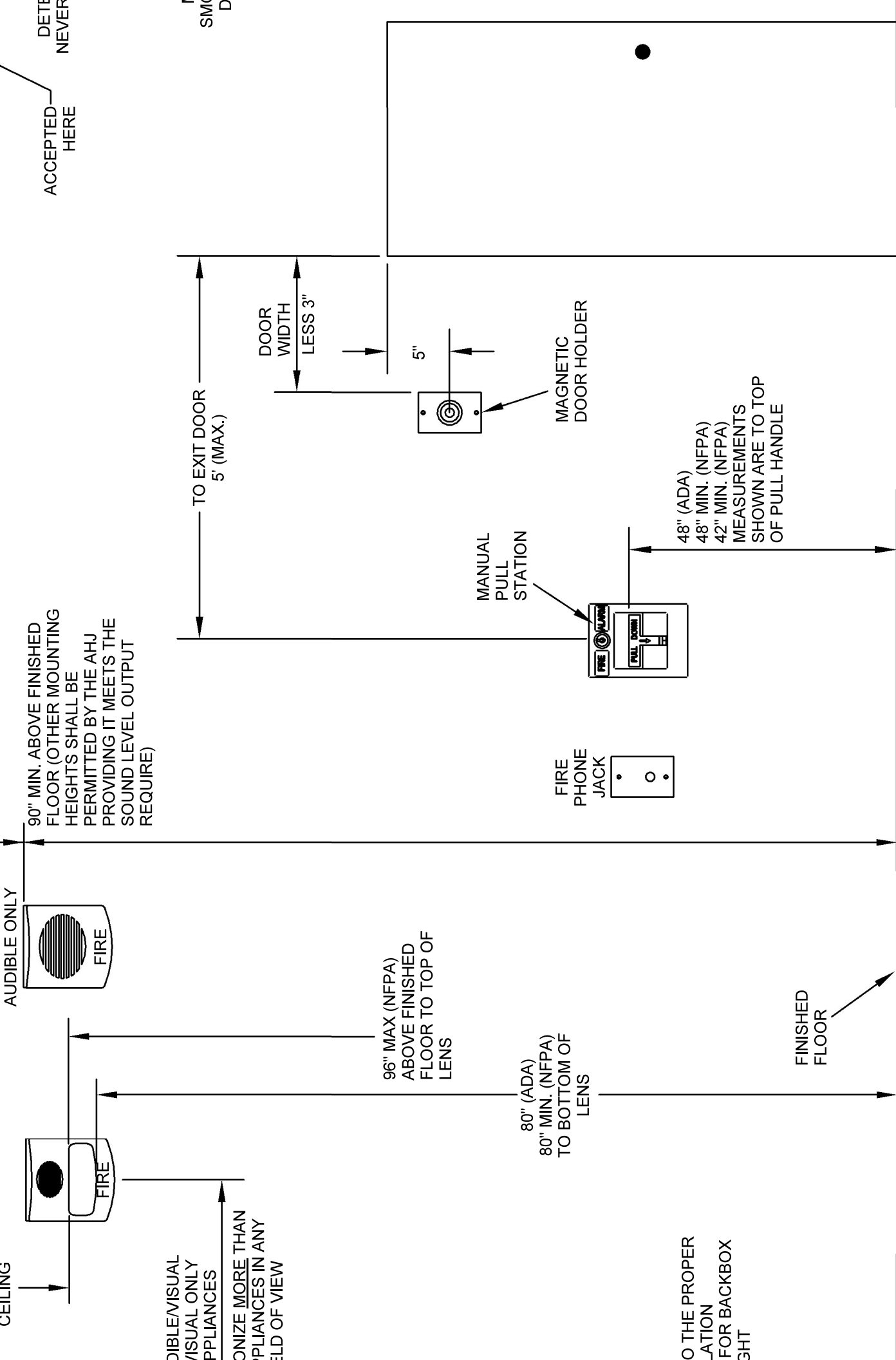


1

1

MOTOR AT INLET OF
 HAFT EXHAUST FAN;
 MECHANICAL DRAWINGS
 OF TIE-IN, TYPICAL





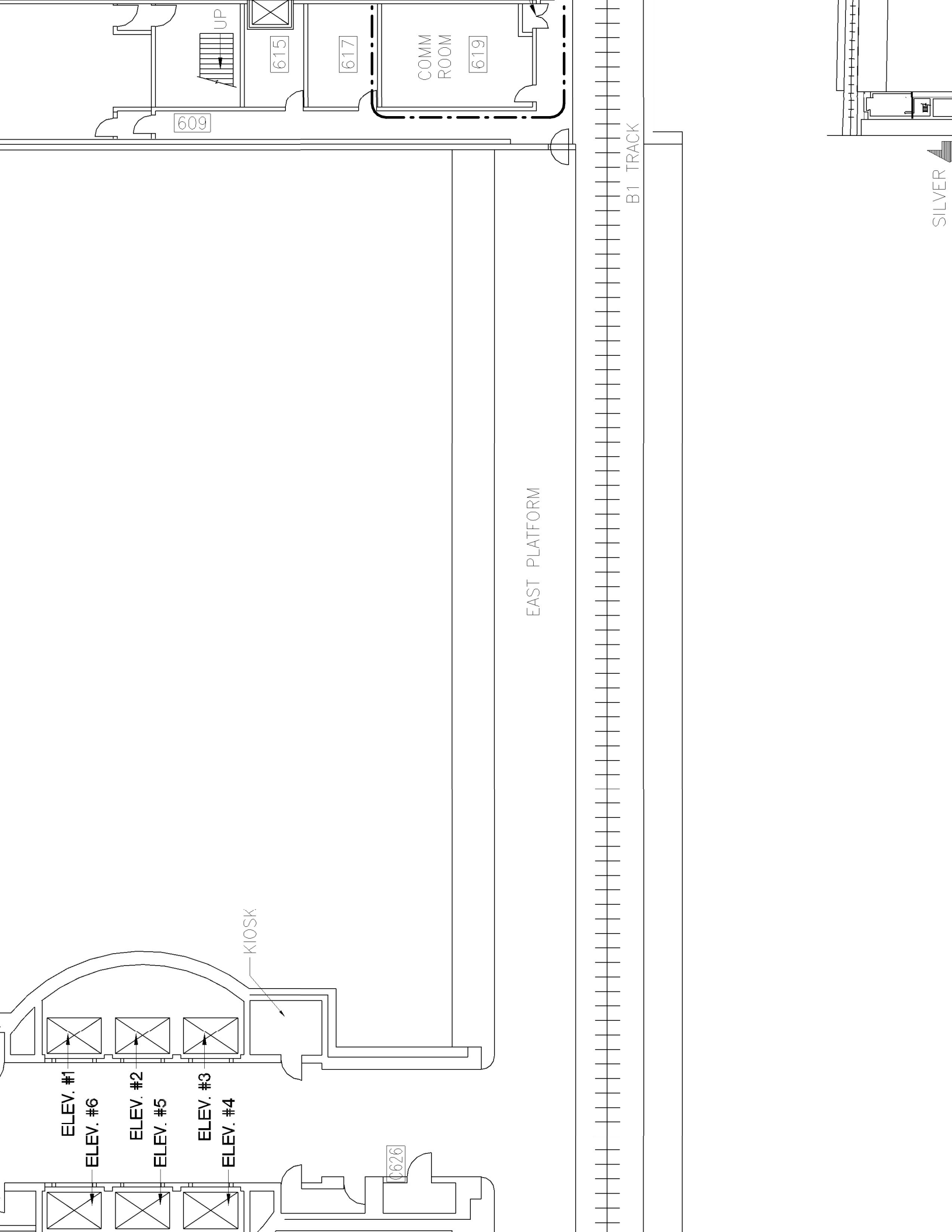
FIRE ALARM DEVICE MOUNTING LOCATIONS

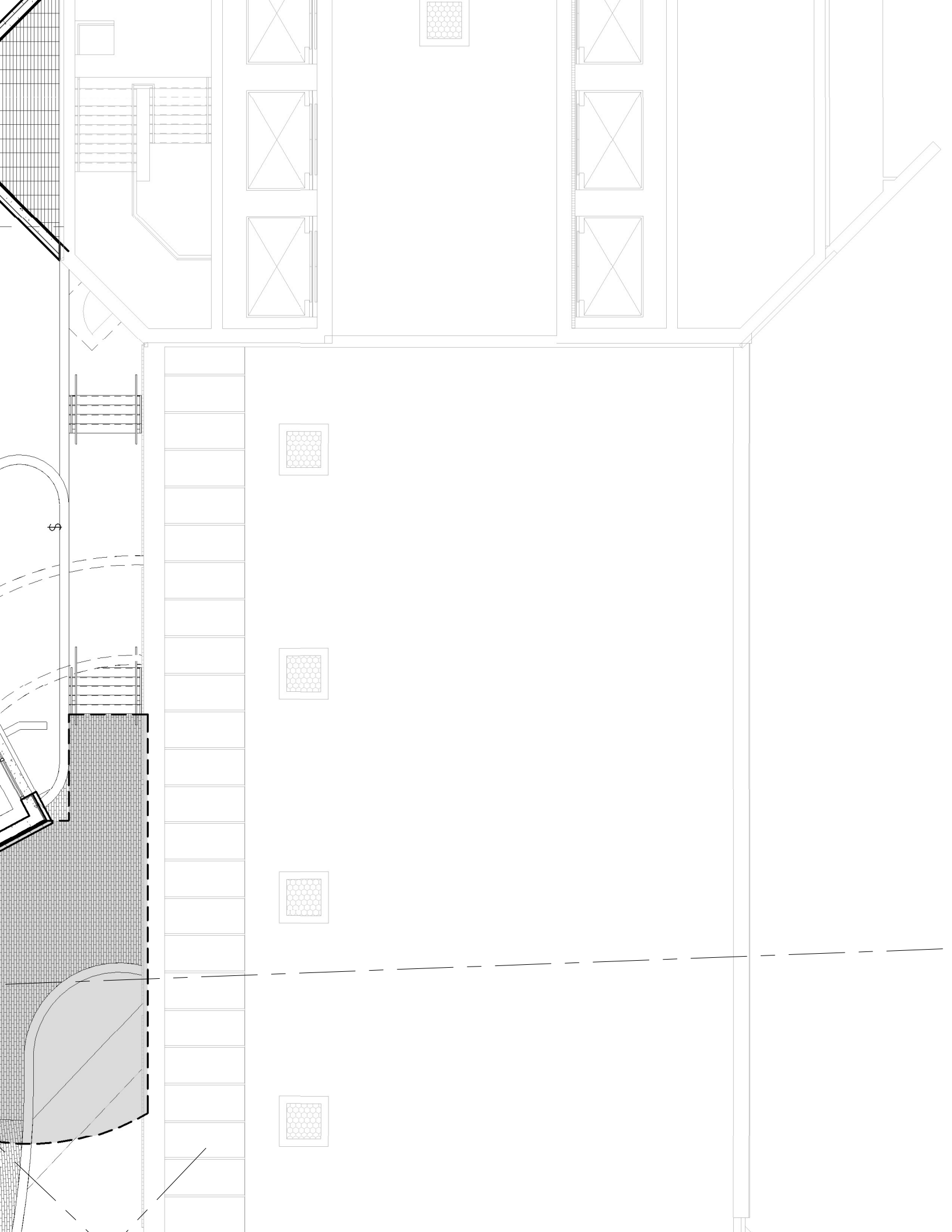
Labeled inside each patch panel. Fiber directories.

8. All fiber optic cables and jumpers submitted to the engineer for each of fiber optic cables and jumpers shall comply with ANSI/TIA-568-B.3. Use quick loss shall not be more than 0.45 dB. Equipment packages.
9. Cable connecting hardware: meet the requirements of the project.
10. The entire fiber optic cable installation shall be in accordance with the construction documents and code requirements. Additional cost the project prior to installation.
11. Pull rope shall be installed with each cable.

shall be shown in the contract drawings, in all conduit runs containing circuits above.

that remote ends of tapped conductors include fused disconnecting means in accordance with Article 240.21 (B)(3). Note that this may be integral to equipment provided by the vendor, however it is the contractor's responsibility to verify and provide if required.





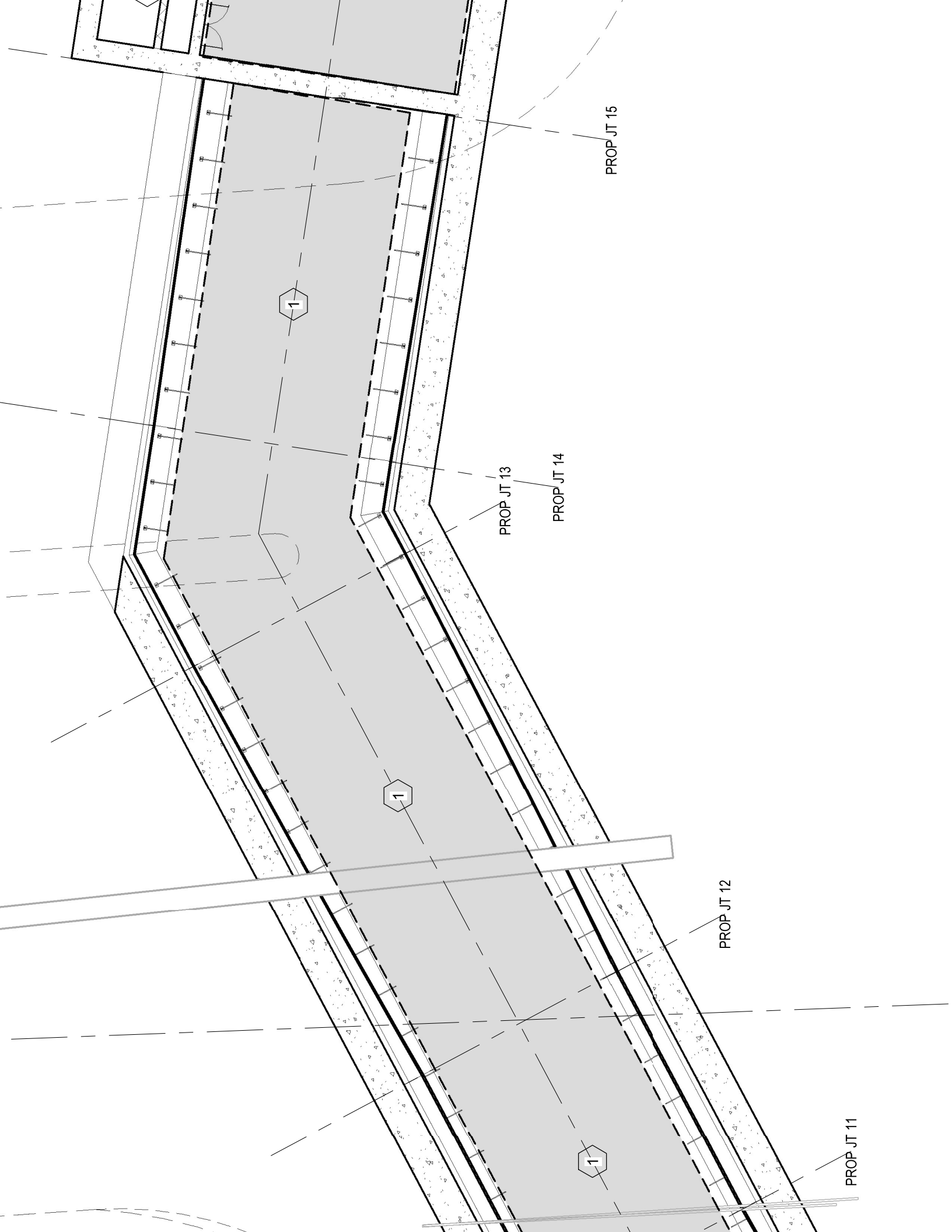
PROP JT 15

PROP JT 13

PROP JT 14

PROP JT 12

PROP JT 11



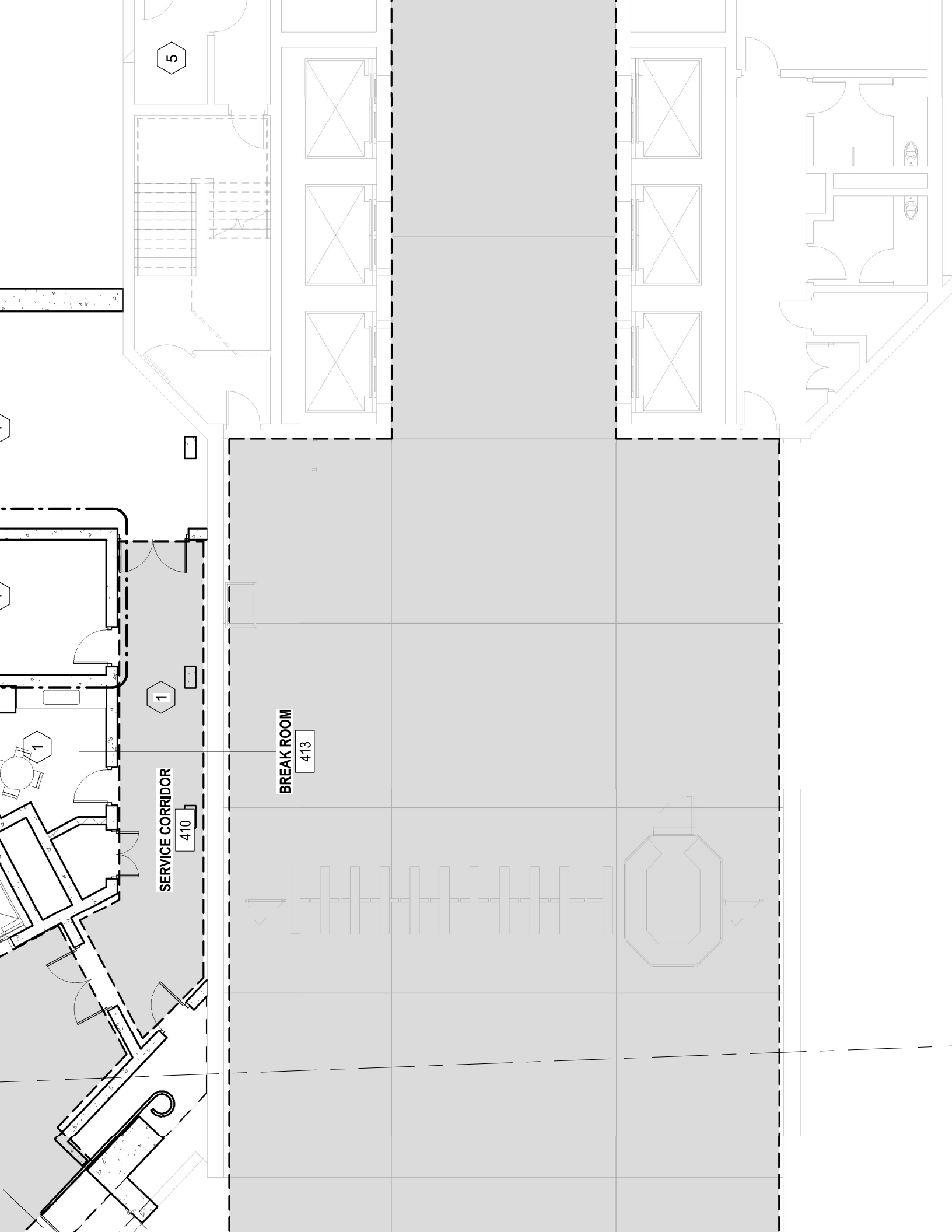
PROP JT 15

PROP JT 13

PROP JT 14

PROP JT 12

PROP JT 11



5

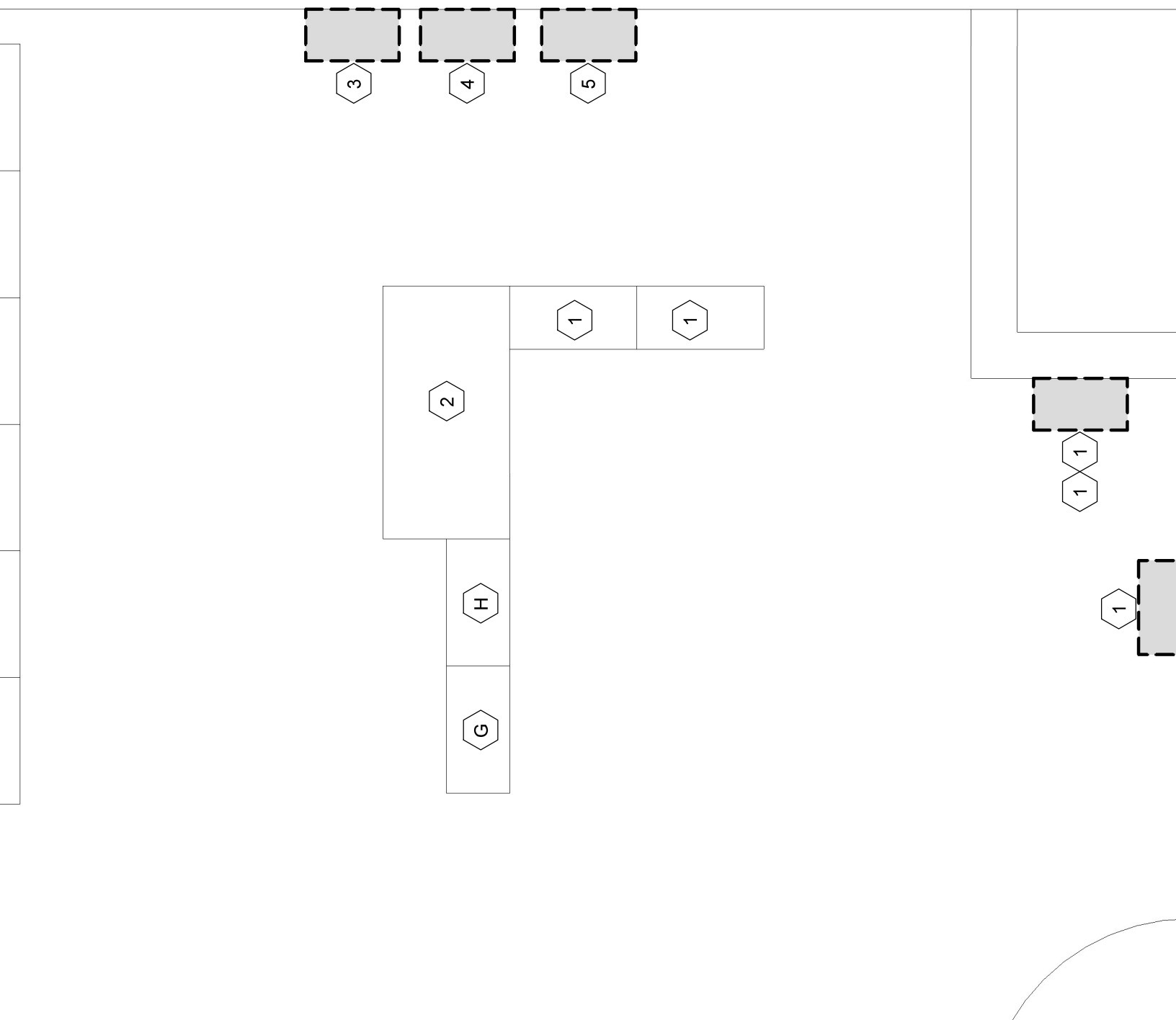
1

SERVICE CORRIDOR

410

BREAK ROOM

413



LOCATED MINIMUM 6" AFF, SPACED
AT NO GREATER THAN EVERY 6-FT
ON PERIMETER WALLS (TYP).

18"W FLAT RUNG STYLE UL
LISTED CABLE TRAY INSTALLED
AT 7'-6" AFF ABOVE RACKS.
INSTALL RADIUS CORNERS AT
EACH INTERSECTION (TYP).

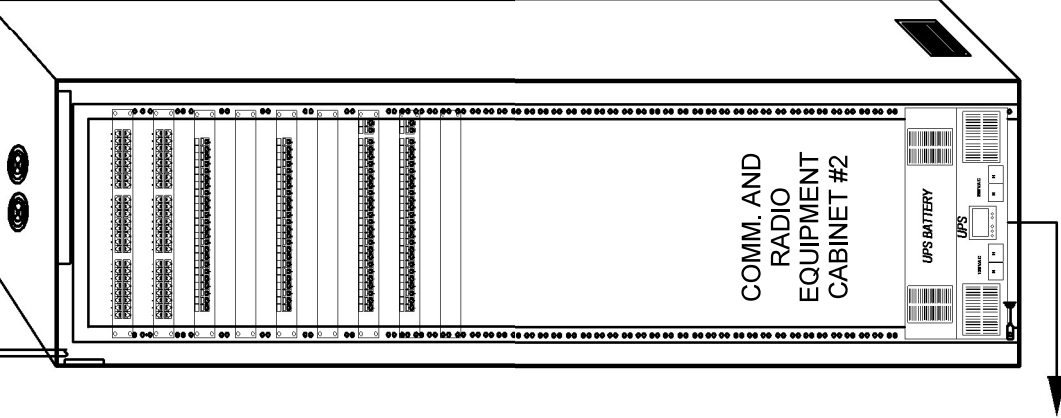
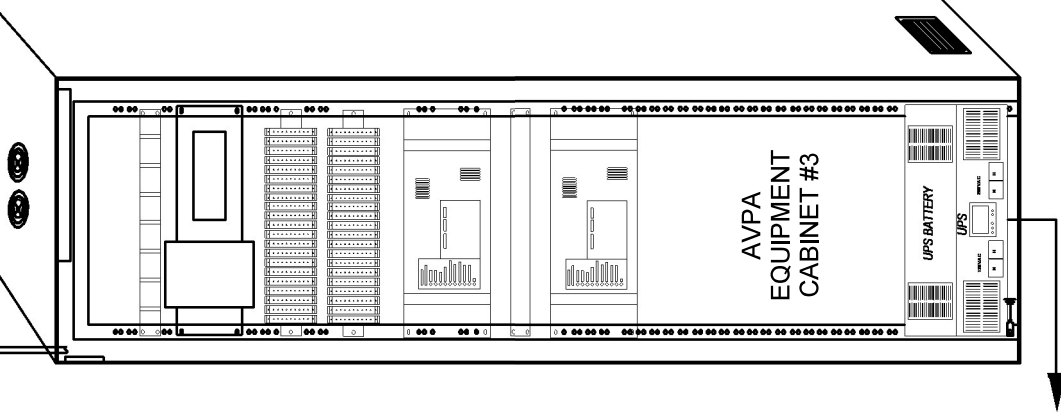
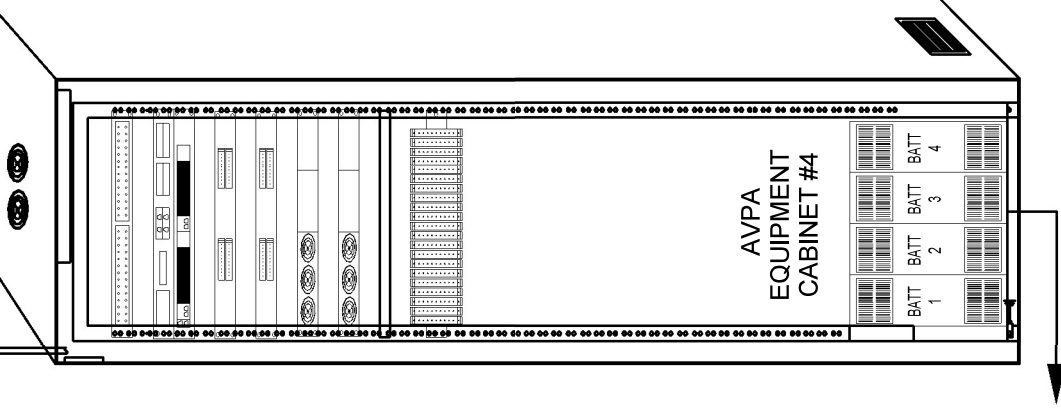
PROVIDE RADIUS
DROPS AT ALL CABLE
EXIT FROM
OVERHEAD CABLE
TRAY (TYP)

STANDARD 19" EQUIPMENT
CABINET; 24"Wx42"Dx84"H
(TYP. OF 4) WITH VERTICAL
WIRE MANAGEMENT 6"W
ON BOTH SIDES

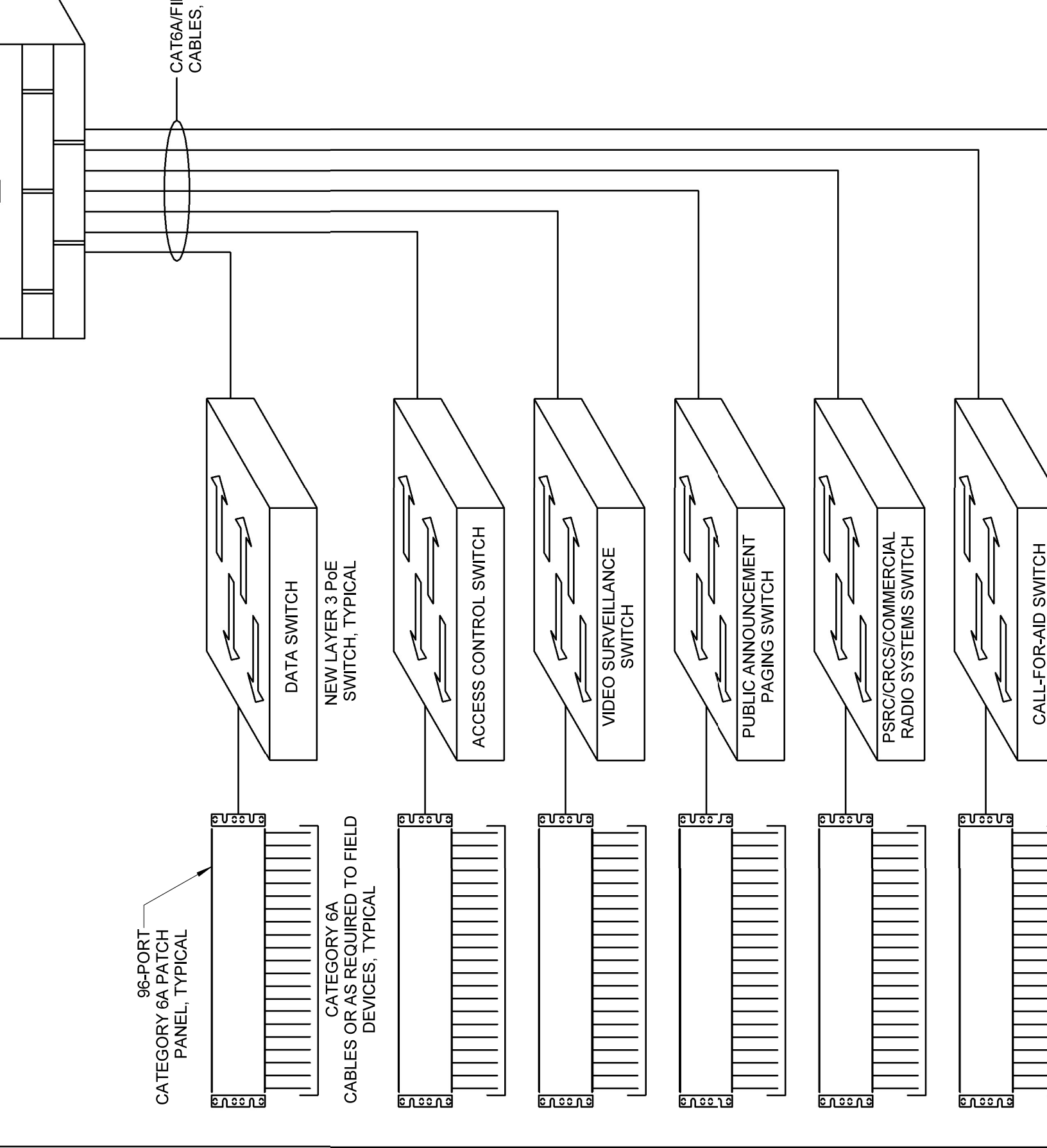
WALL SWITCH

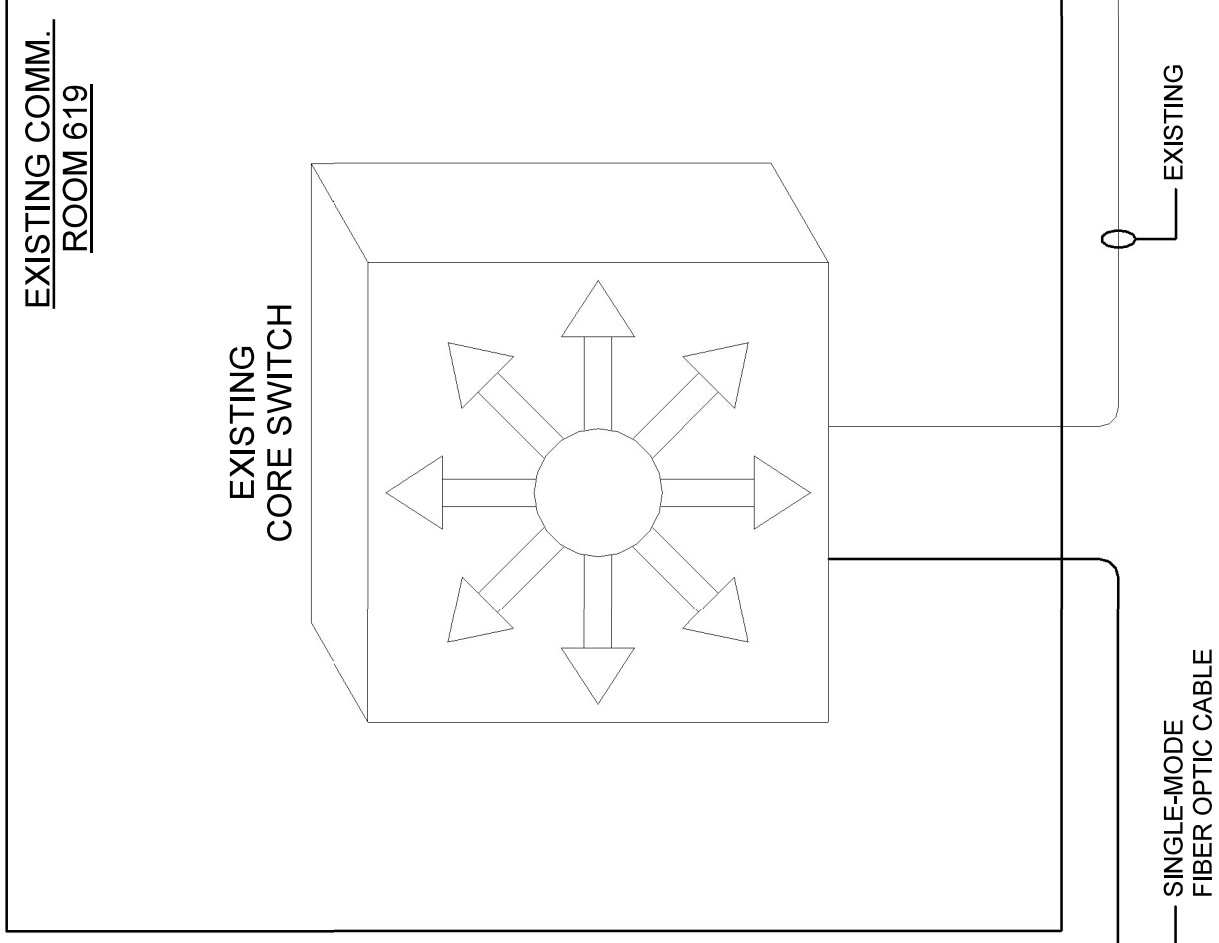
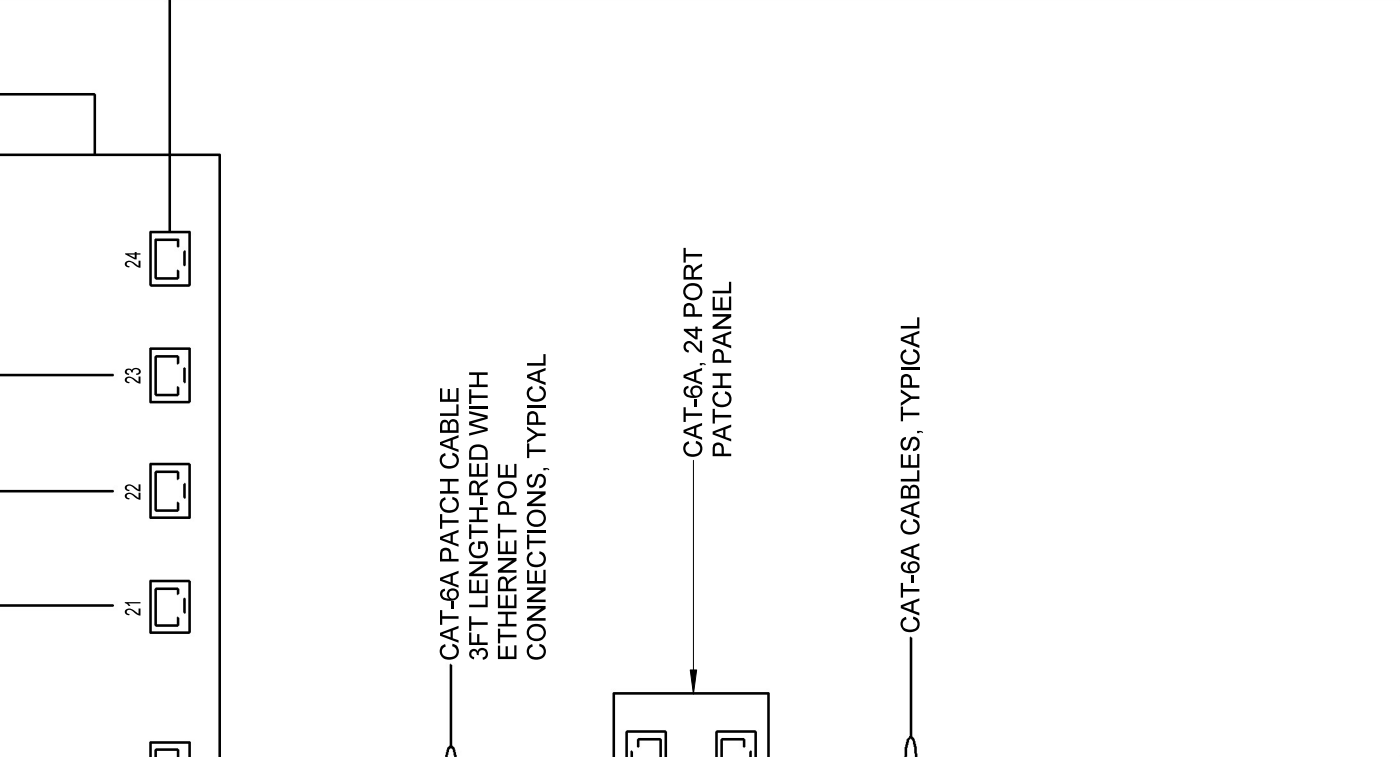
RE-ENTERABLE FIRESTOP
ASSEMBLY DROP
THROUGH-WALL SYSTEM.

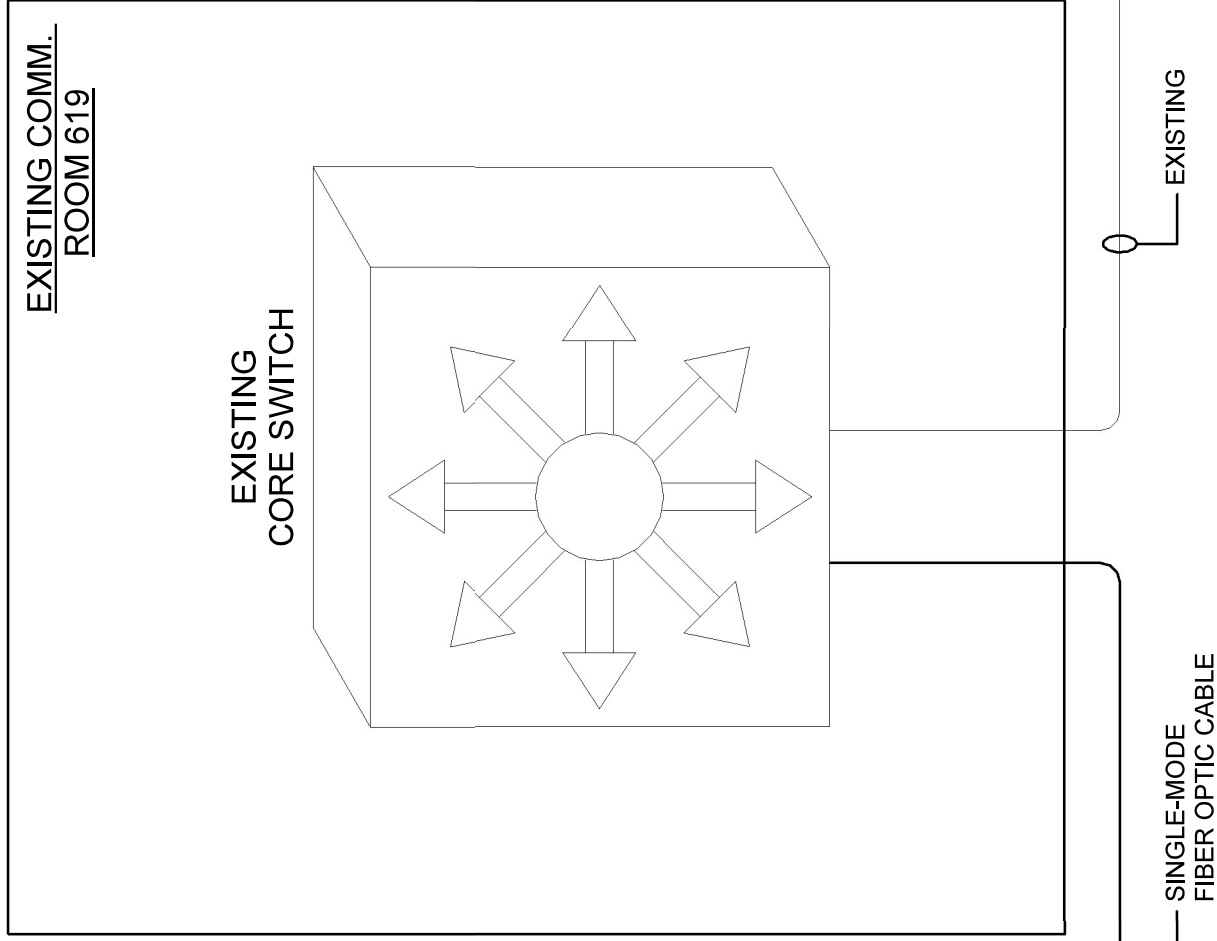
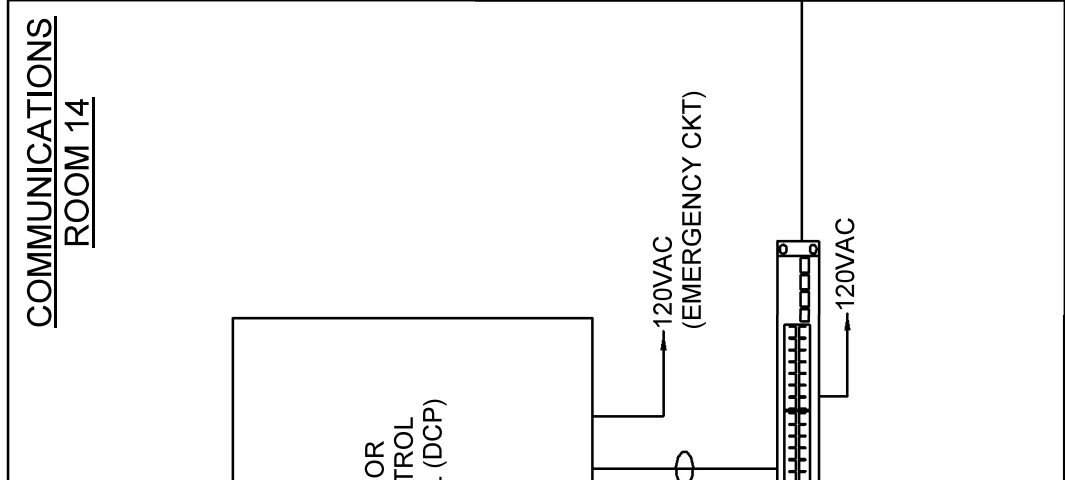
4-4"C FROM EXISTING
COMMUNICATIONS ROOM



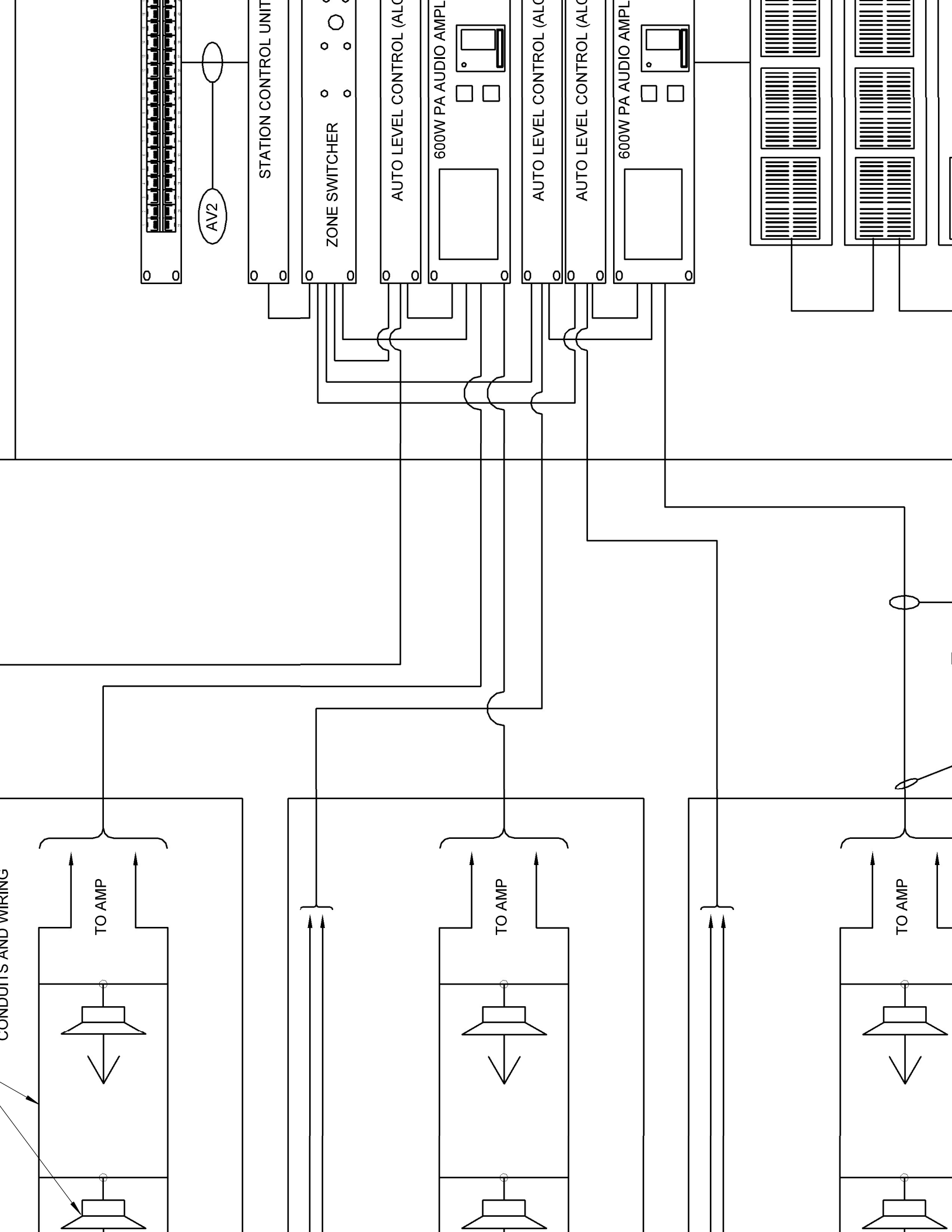
COMMUNICATIONS ROOM 14 - ELEVATION

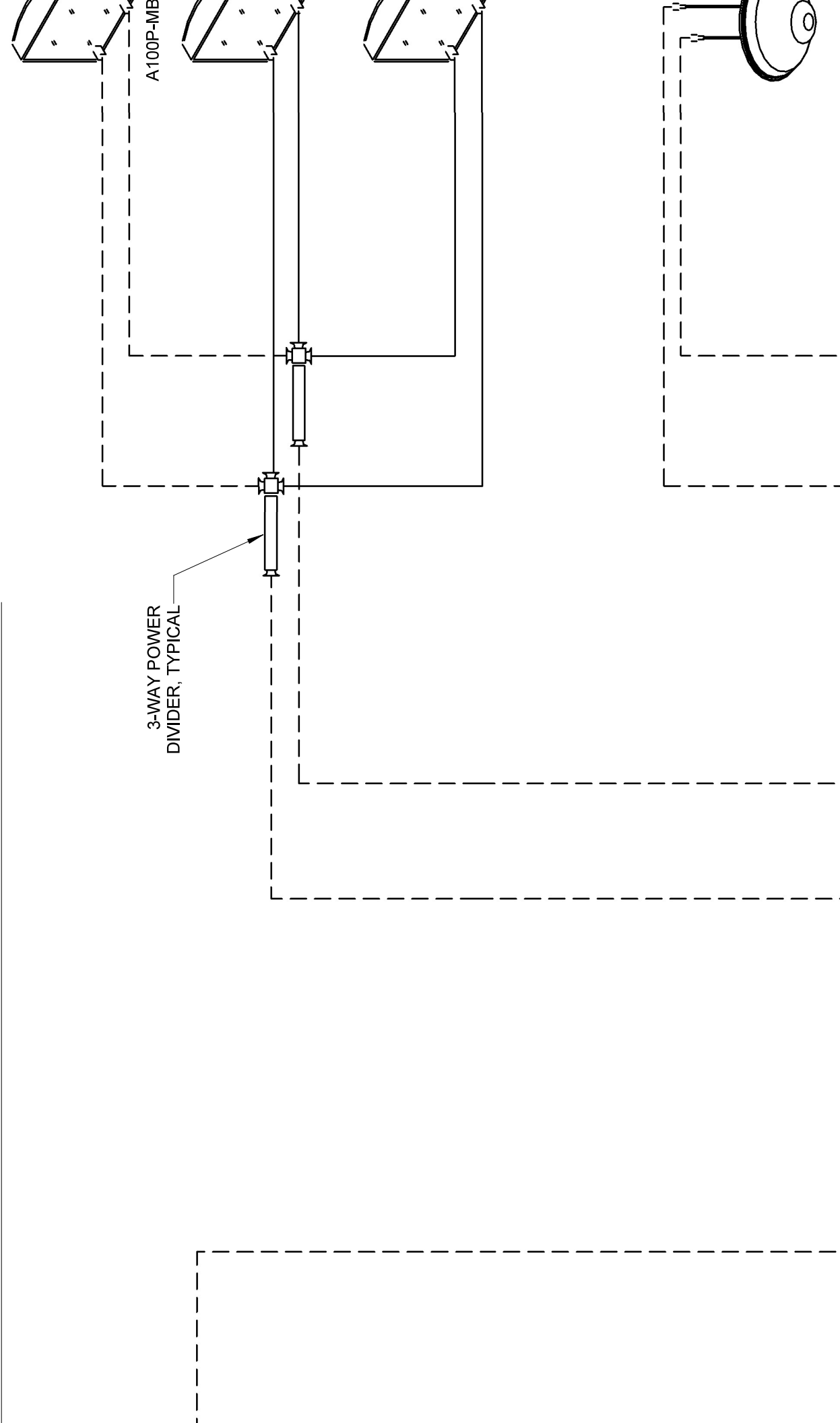
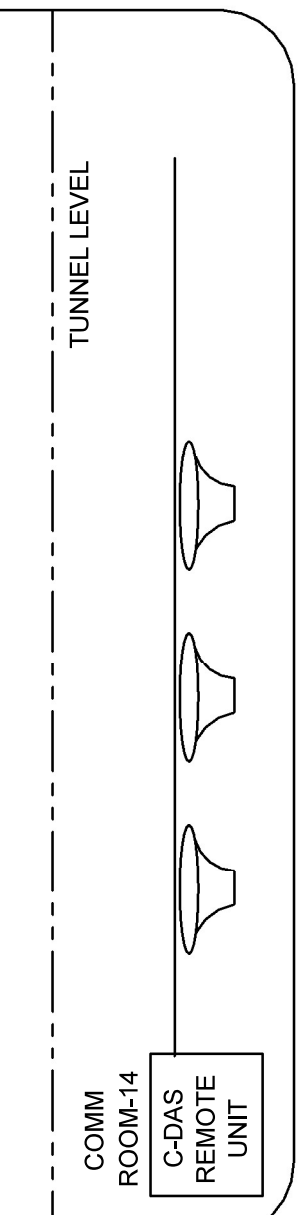


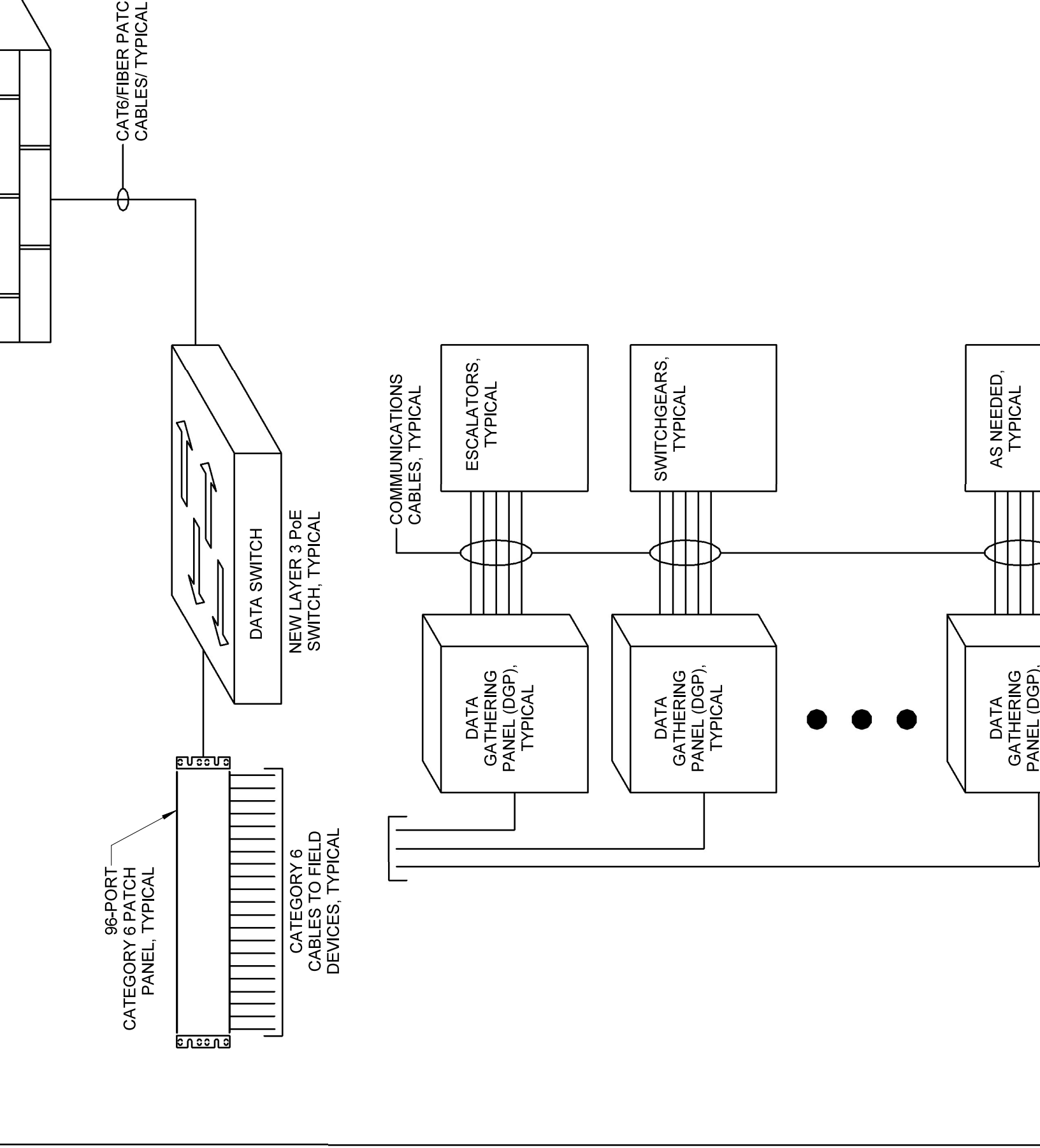


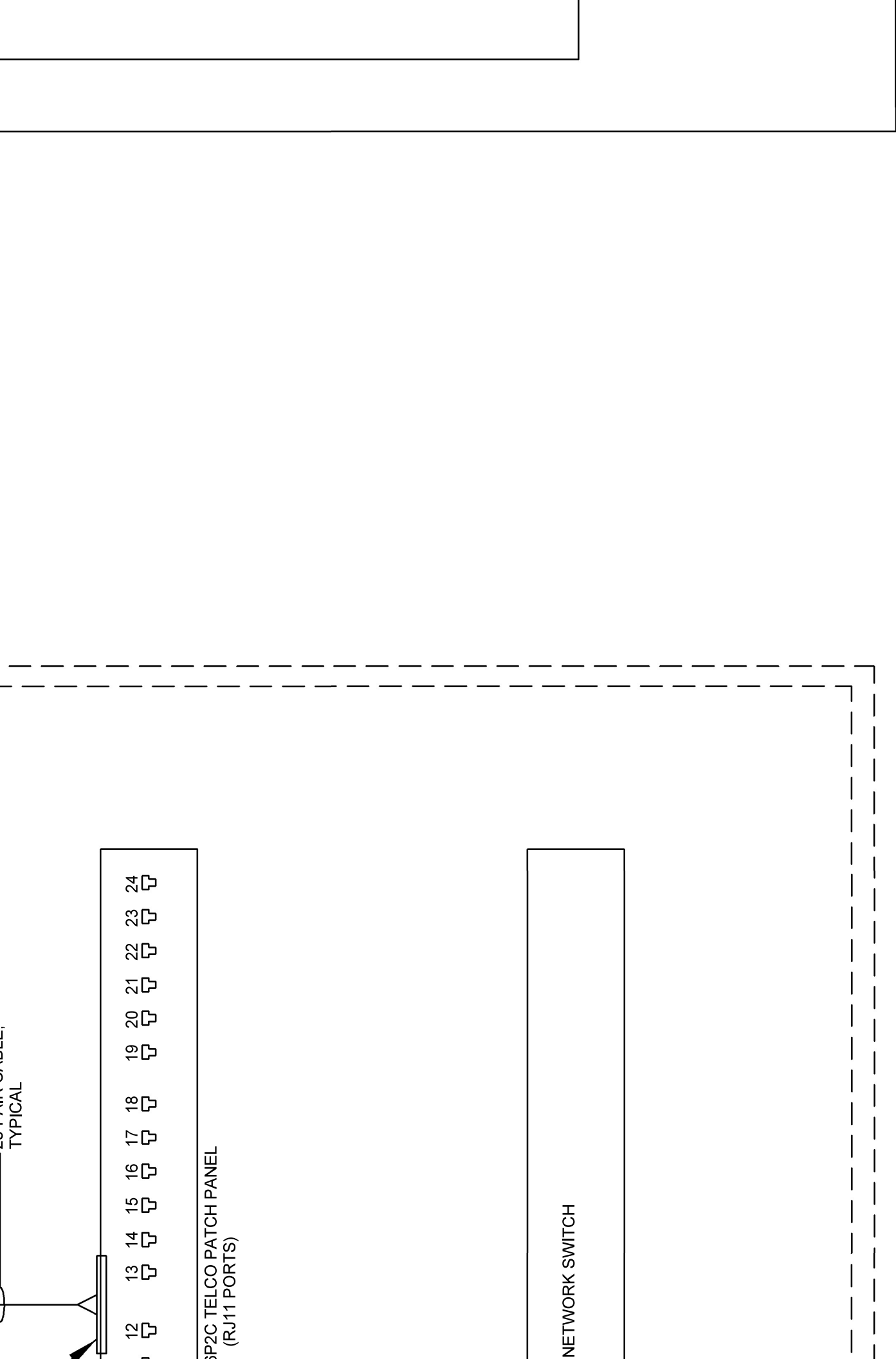


ACCESS CONTROL SYSTEM RISER DIAGRAM







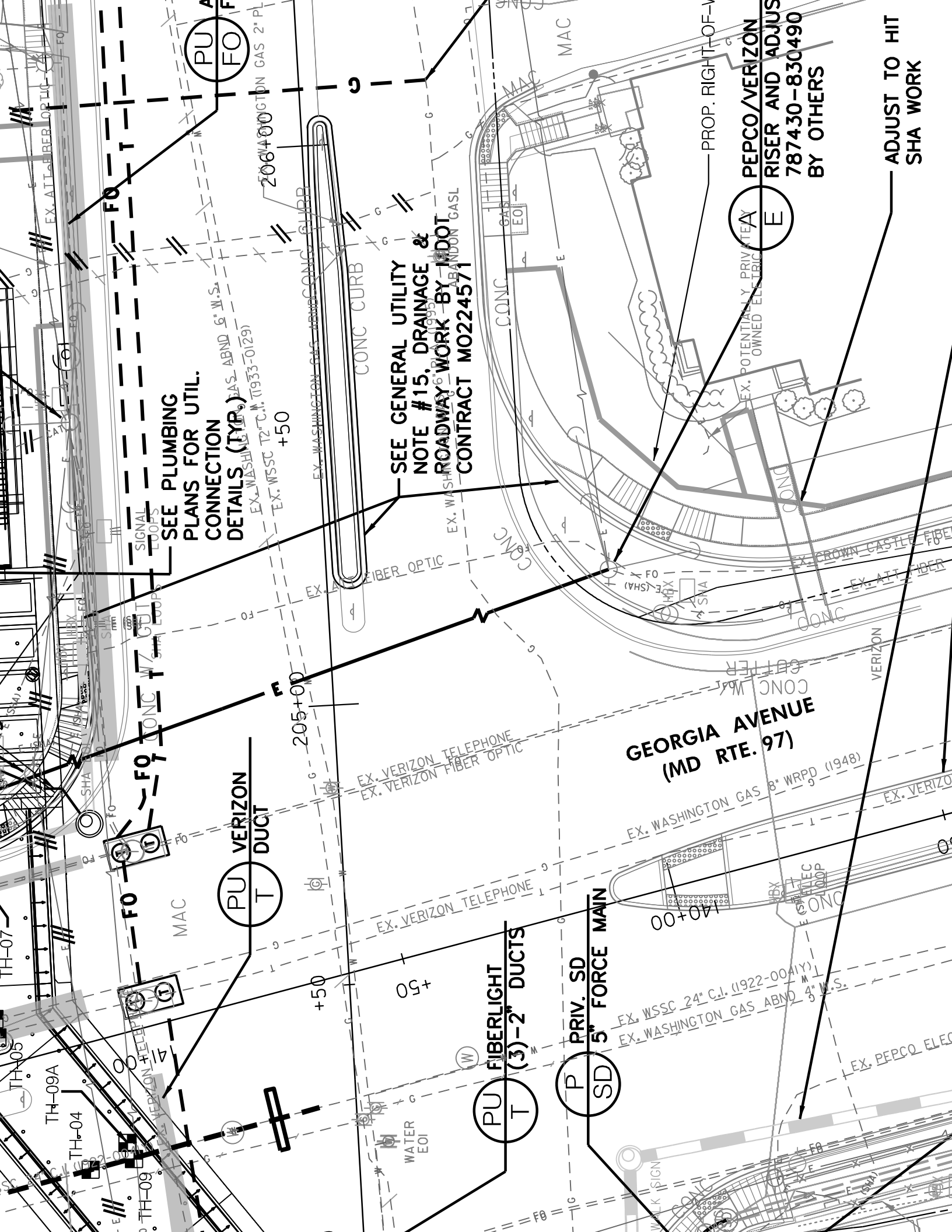


6. UTILITY RELOCATIONS TRENCH PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION, MONTGOMERY COUNTY, MARYLAND, EDITION 2018, SECTION 210.01, "TRENCHES AND PAVEMENT RESTORATION".
7. ALL PROPOSED RELOCATIONS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION, MONTGOMERY COUNTY, MARYLAND, EDITION 2018, SECTION 210.01, "TRENCHES AND PAVEMENT RESTORATION".
8. EXISTING MANHOLES TO BE ABANDONED SHALL BE BACKFILLED WITH GRANULAR FILL TO THE TOP OF THE MANHOLE. THE MASTER SPECIFICATIONS BOOK FOR MONTGOMERY COUNTY, MARYLAND, EDITION 2018, SECTION 210.01, "TRENCHES AND PAVEMENT RESTORATION", SHALL BE REFERENCED FOR THE SPECIFICATIONS FOR UTILITY CONSTRUCTION PERMIT.
9. CONTRACTOR SHALL CONTACT MONTGOMERY COUNTY AT (301) 591-1234 TO OBTAIN A UTILITY CROSSING AGREEMENT PRIOR TO THE START OF CONSTRUCTION.
10. CONTRACTOR SHALL TEST PIT ALL UTILITY CROSSING AND RECORD THE RESULTS IN THE UTILITY CROSSING AGREEMENT.
11. MINIMUM CLEARANCE MUST BE MAINTAINED BETWEEN ALL UTILITIES AND THE VERTICAL CLEARANCE OF WATER AND SEWER, THE VERTICAL CLEARANCE SHALL BE MAINTAINED AT ALL TIMES.
12. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHETHER ANY UTILITIES ARE AFFECTED BY THE PROPOSED RELOCATIONS.
13. ALL EXISTING UTILITIES ARE TO REMAIN IN PLACE AND IN GOOD WORKING ORDER. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED PRIOR TO THE START OF CONSTRUCTION. AUTHORIZATION IS REQUIRED PRIOR TO INTERRUPTING UTILITY SERVICE.
14. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF THERE IS ANY DAMAGE TO UTILITIES DURING THE CONSTRUCTION PROCESS.
15. EXISTING CONDITIONS SHOWN ON THESE PLANS ANTICIPATE THE RELOCATIONS WILL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED PRIOR TO THE START OF CONSTRUCTION.

TO BE ABANDONED

TO BE REMOVED

TH-XX



P S

PRIV. SAN ALTERNATIVE
4" FORCE MAIN TO
BE BORED UNDER
WMATA ENTRANCE AREA.
INSTALL NEW 4" WYE AND
PVC PIPE CONN
AT EXISTING MH.

4" SFM
4" SFM

15" SD OL(D)

4" SAN OL(D)

INV. 364.27

8" SAN OL(D) (1980-6997 A) SAN

8" SAN

SAN

SAN