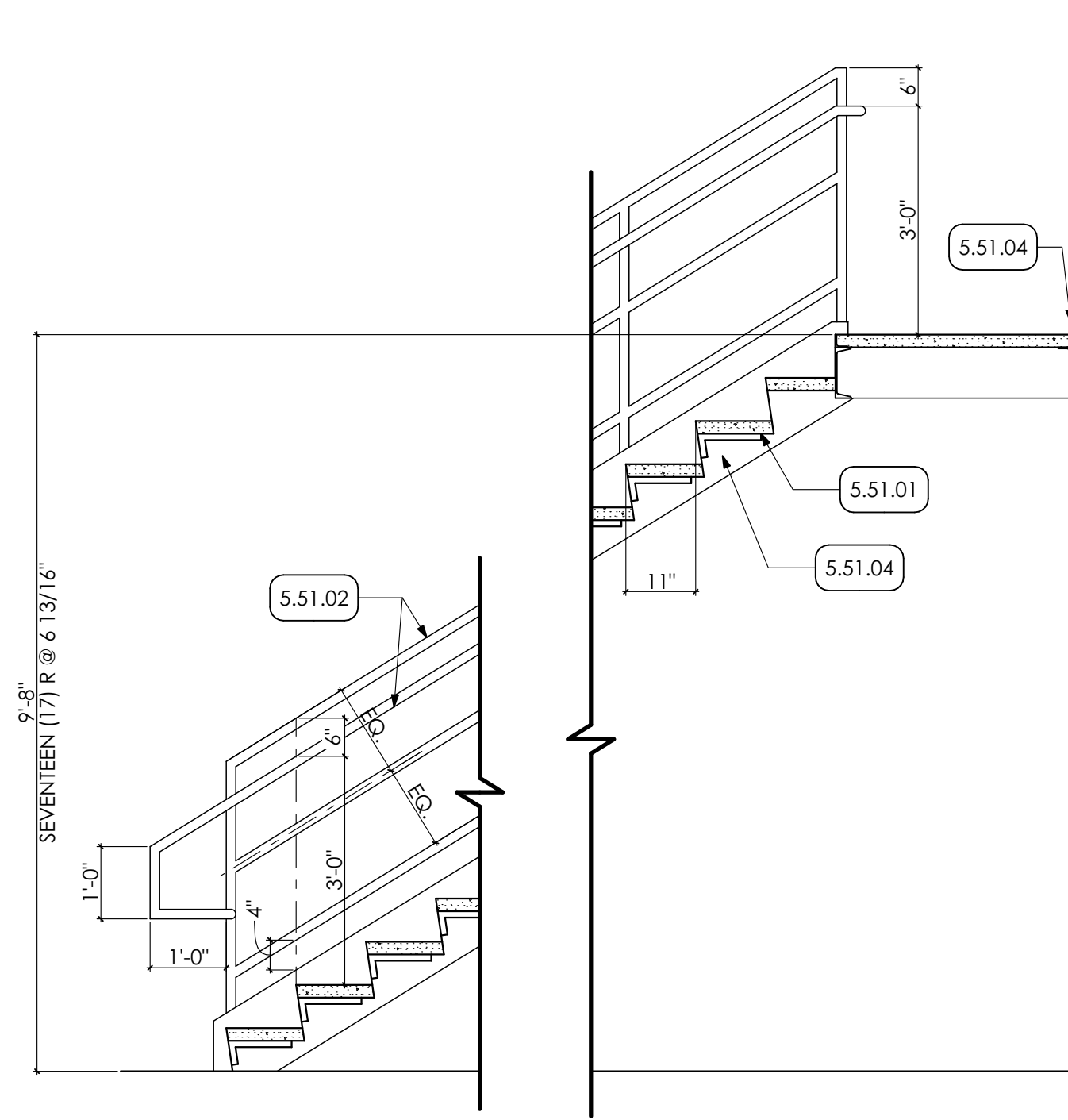
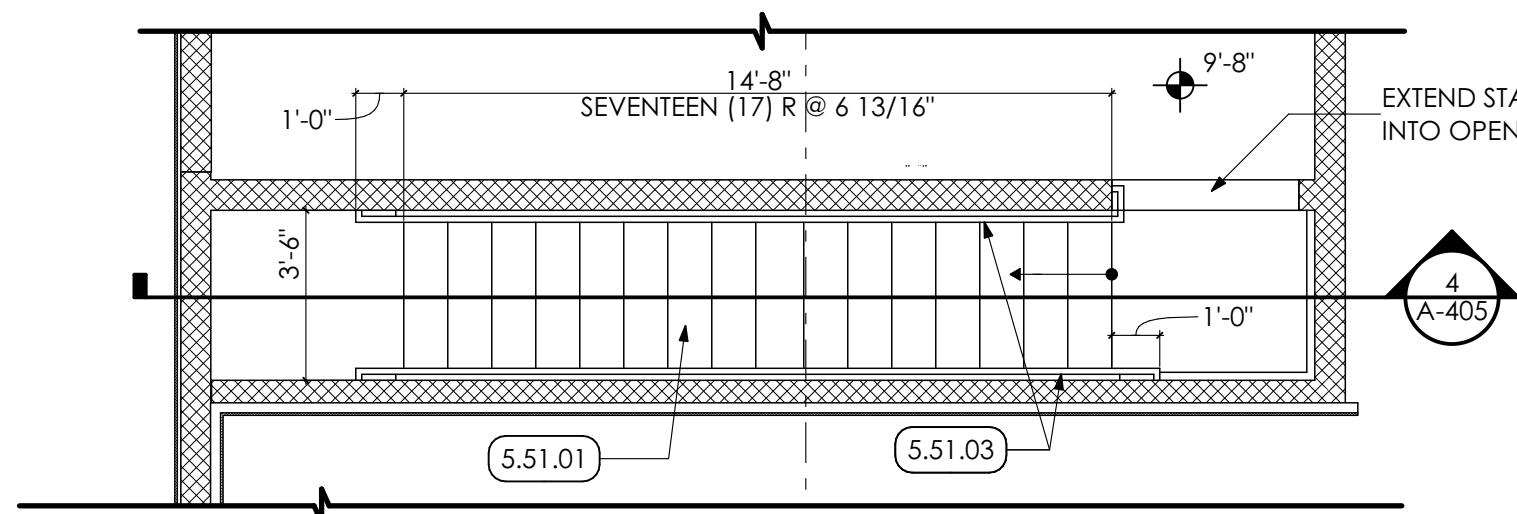


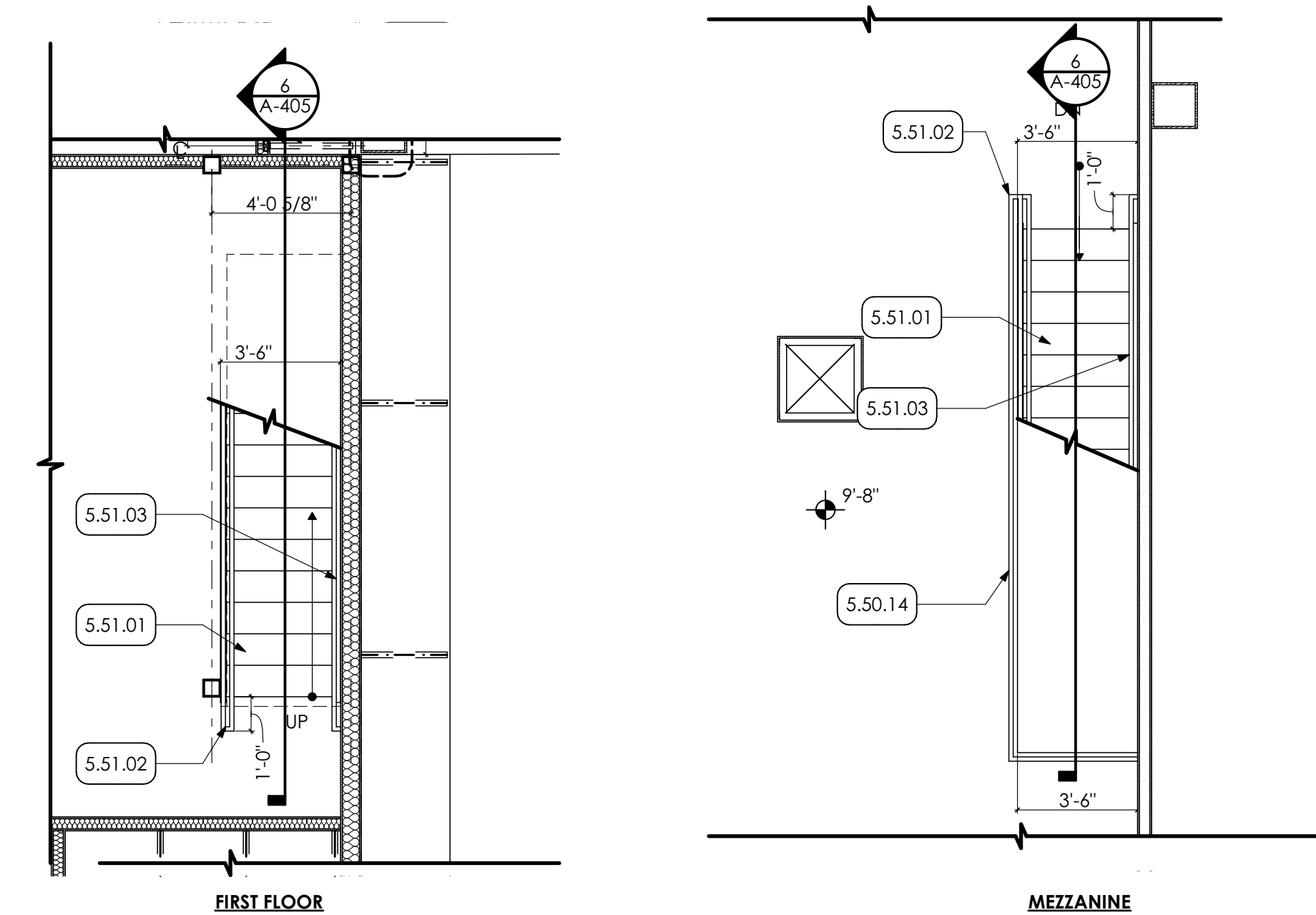
1 MEZZANINE B STAIR PLAN
SCALE: 1/4" = 1'-0"



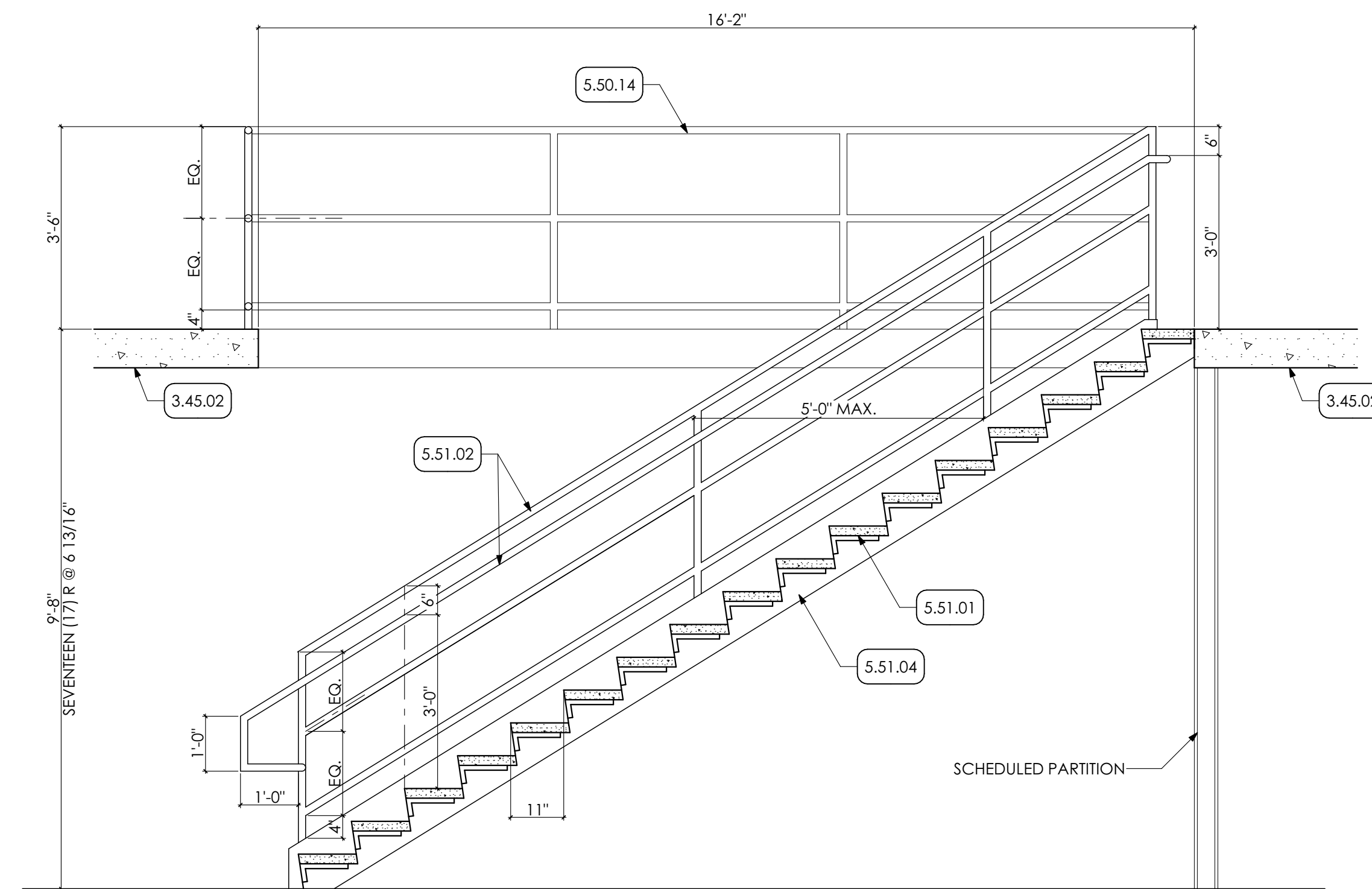
4 MEZZANINE B/C STAIR SECTION
SCALE: 1/2" = 1'-0"



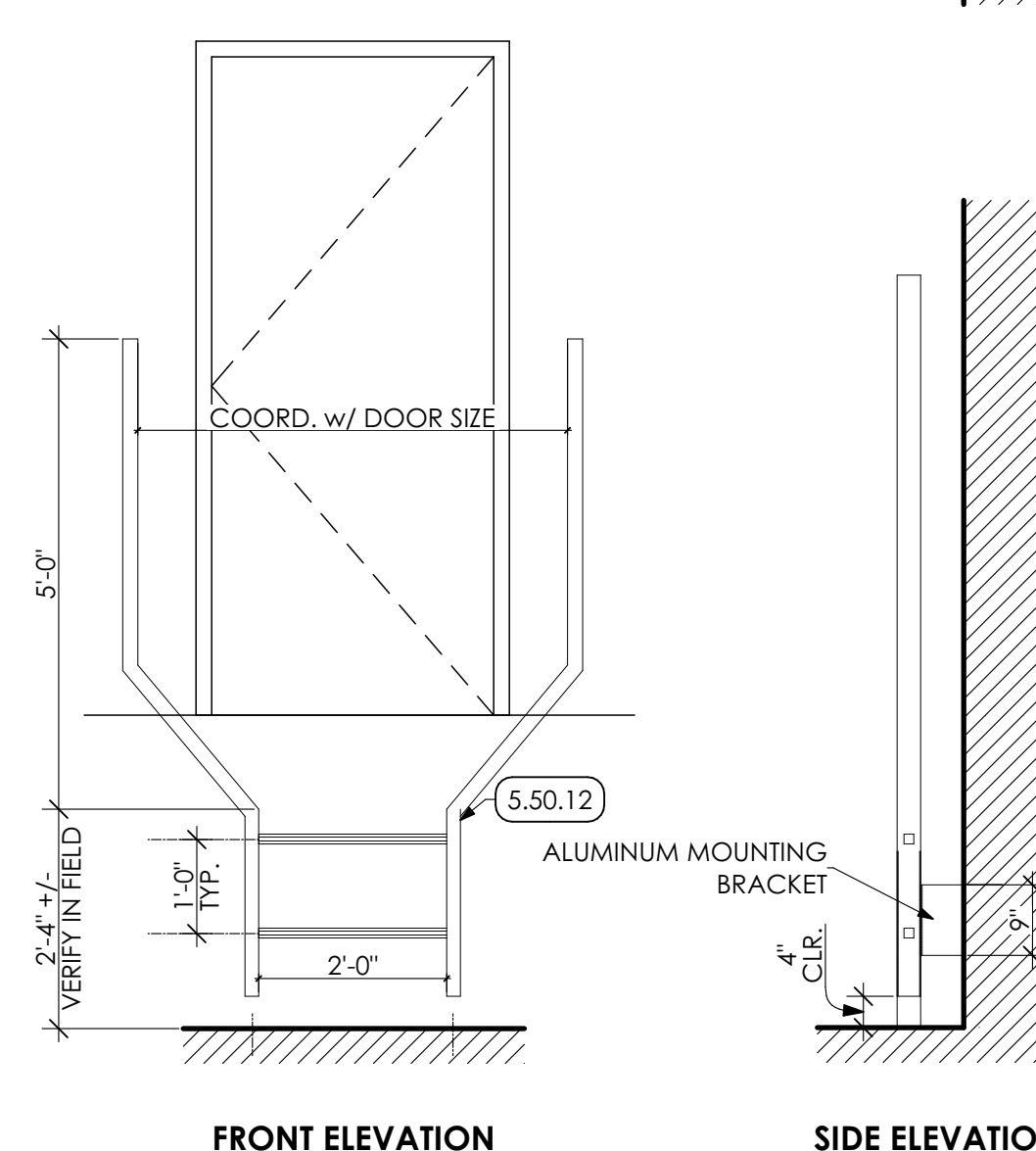
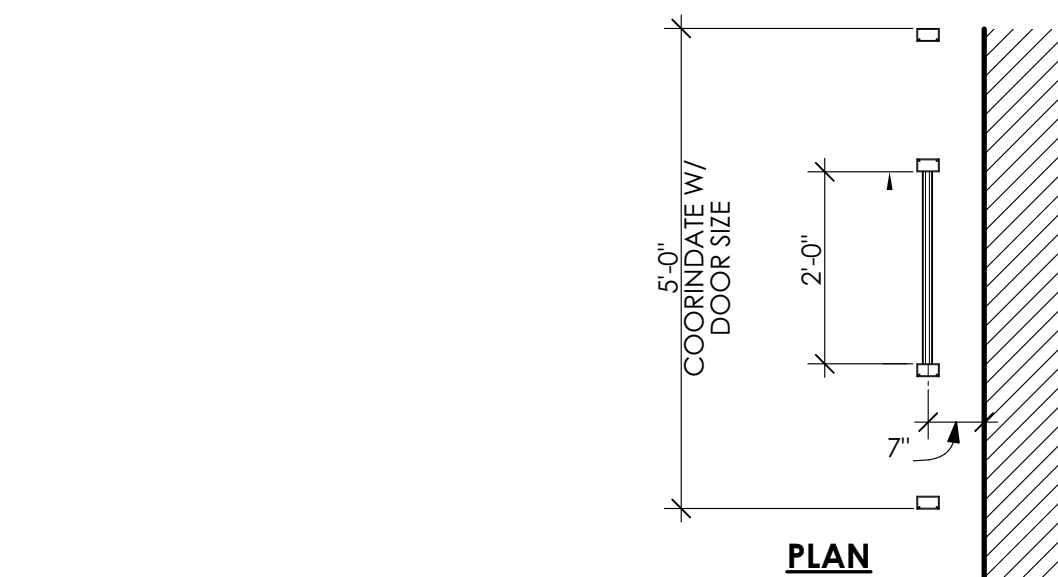
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SCALE: 1/4" = 1'-0"



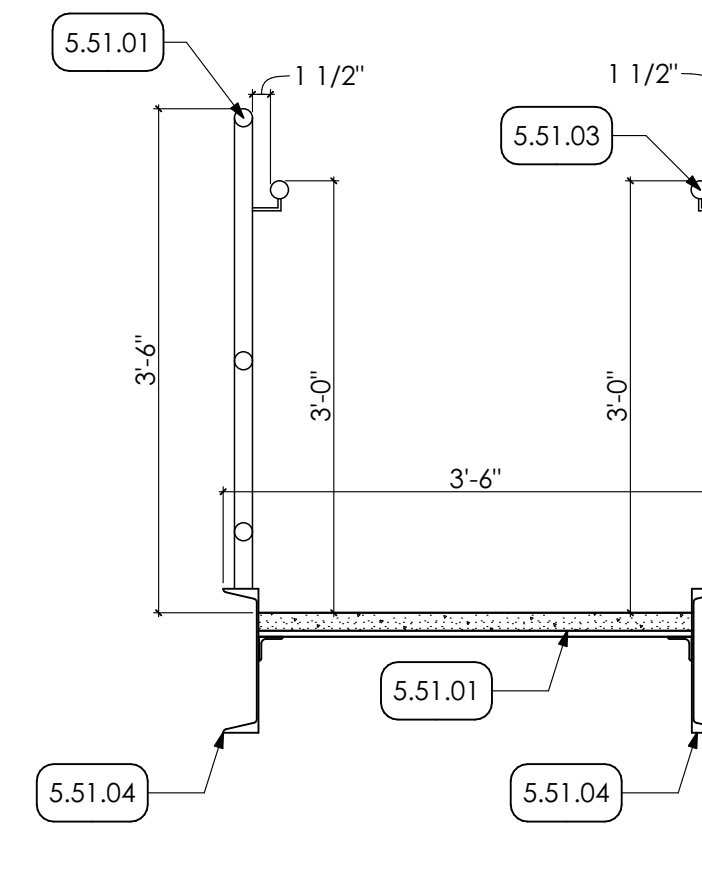
3 MEZZANINE D STAIR PLAN
SCALE: 1/4" = 1'-0"



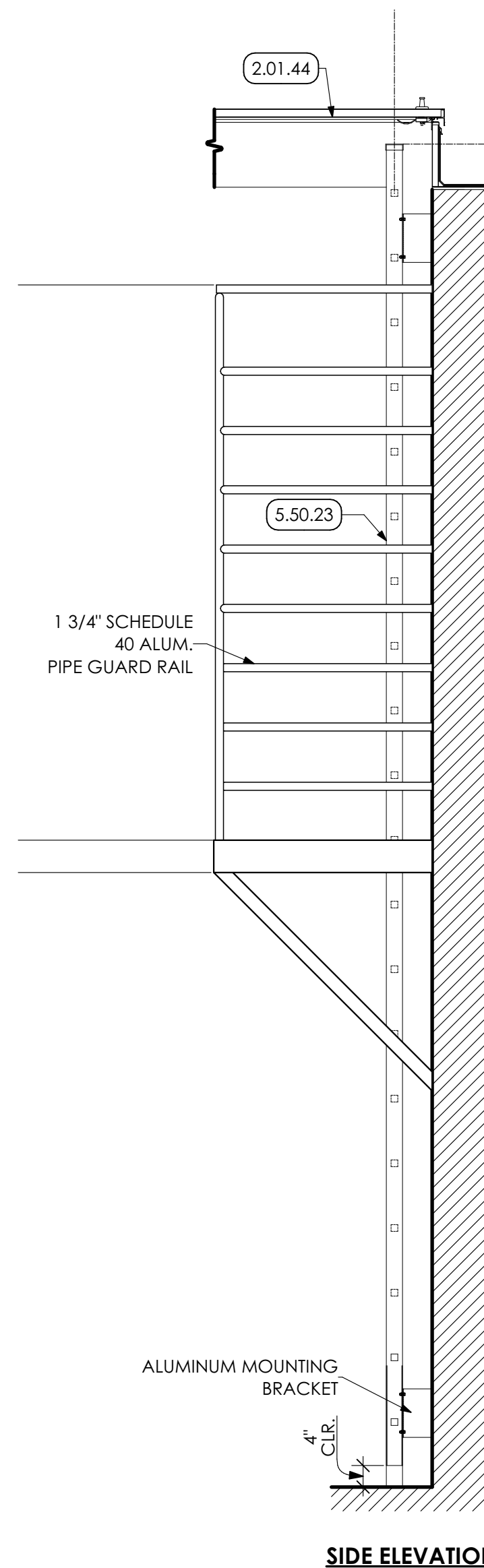
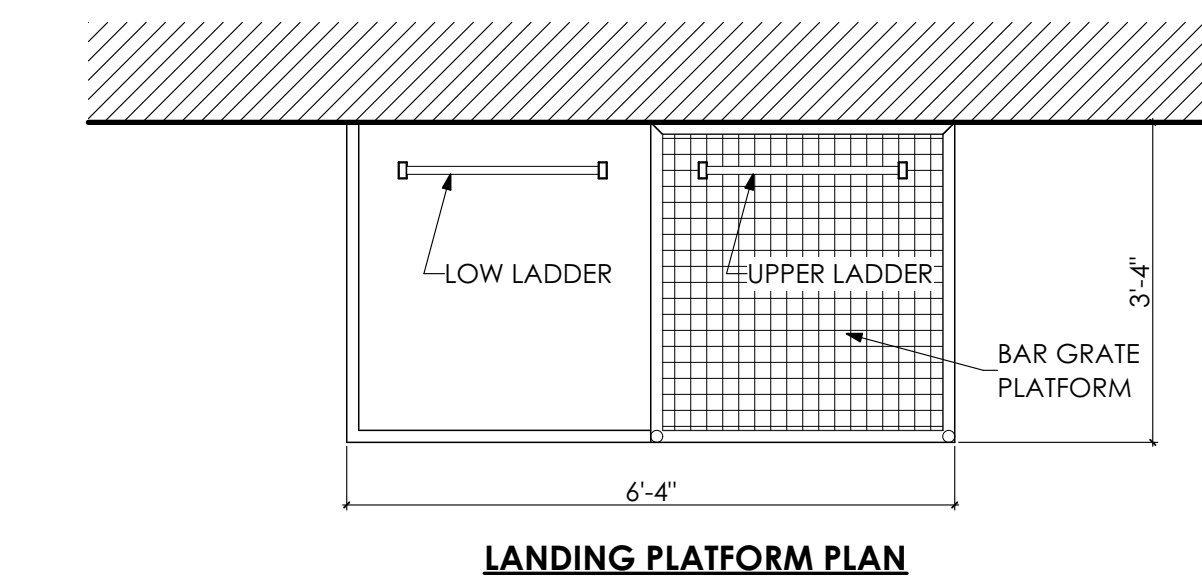
6 MEZZANINE D STAIR SECTION
SCALE: 1/2" = 1'-0"



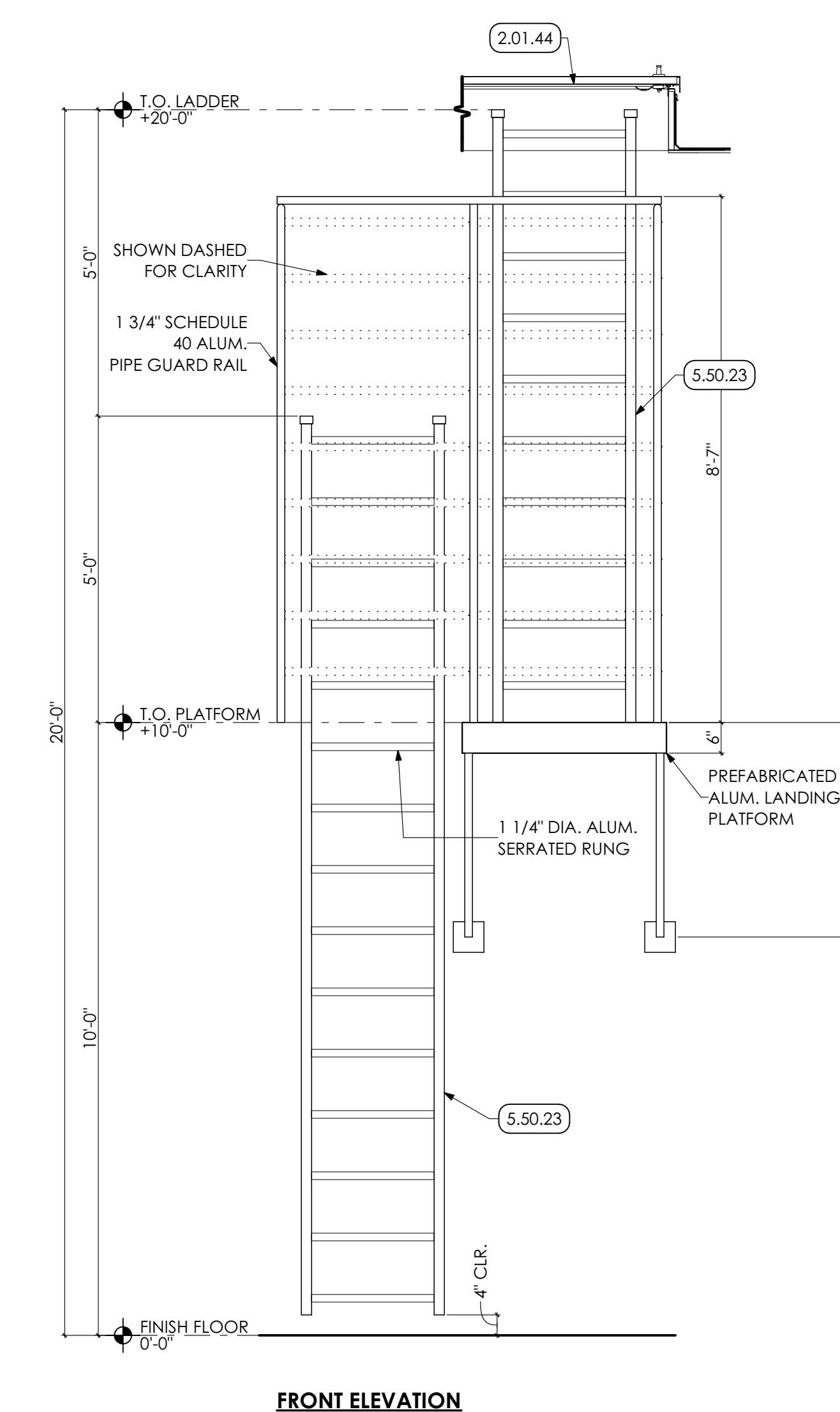
7 LADDER DETAIL
SCALE: 1/2" = 1'-0"



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



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



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

KEY NOTES

- 02 DEMOLITION**
- 2.01 EXISTING CONDITIONS**
- 2.01.44 EXISTING ROOF HATCH TO REMAIN.
- 03 CONCRETE**
- 3.45 PRECAST ARCHITECTURAL CONCRETE COORDINATE WITH STRUCTURAL DRAWINGS**
- 3.45.02 8" PRECAST CONCRETE PLANK
- 05 METALS**
- 5.50 METAL FABRICATIONS | SPEC 055000 | SPEC 055213**
- 5.50.02 UNDERCOUNTER METAL SUPPORT BRACKET. PROVIDE WOOD BLOCKING IN WALL AS REQUIRED.
- 5.50.12 METAL LADDER
- 5.50.14 1 1/2" DIA. STEEL PIPE GUARDRAIL. 42" HIGH. PREP AND PAINTED.
- 5.50.15 1/4" x 4" H. STEEL KICK PLATE. PREP AND PAINTED.
- 5.50.23 WALL MOUNTED METAL LADDER WITH INTERMEDIATE LANDING PLATFORM.
- 5.51 METAL STAIRS | SPEC 055100**
- 5.51.01 CONCRETE FILLED METAL PAN STAIRS.
- 5.51.02 1 1/2" DIA. METAL PIPE GUARDRAIL AT 42" HT. AND HANDRAIL AT 36" HT. PREP AND PAINT.
- 5.51.03 1 1/2" DIA. METAL PIPE HANDRAIL AT 36" HT. PREP AND PAINT.
- 5.51.04 12" STEEL CHANNEL STRINGER. PREP AND PAINT.
- 06 WOODS, PLASTICS AND COMPOSITES**
- 6.10 ROUGH CARPENTRY | SPEC 061000**
- 6.10.01 2X WOOD BLOCKING

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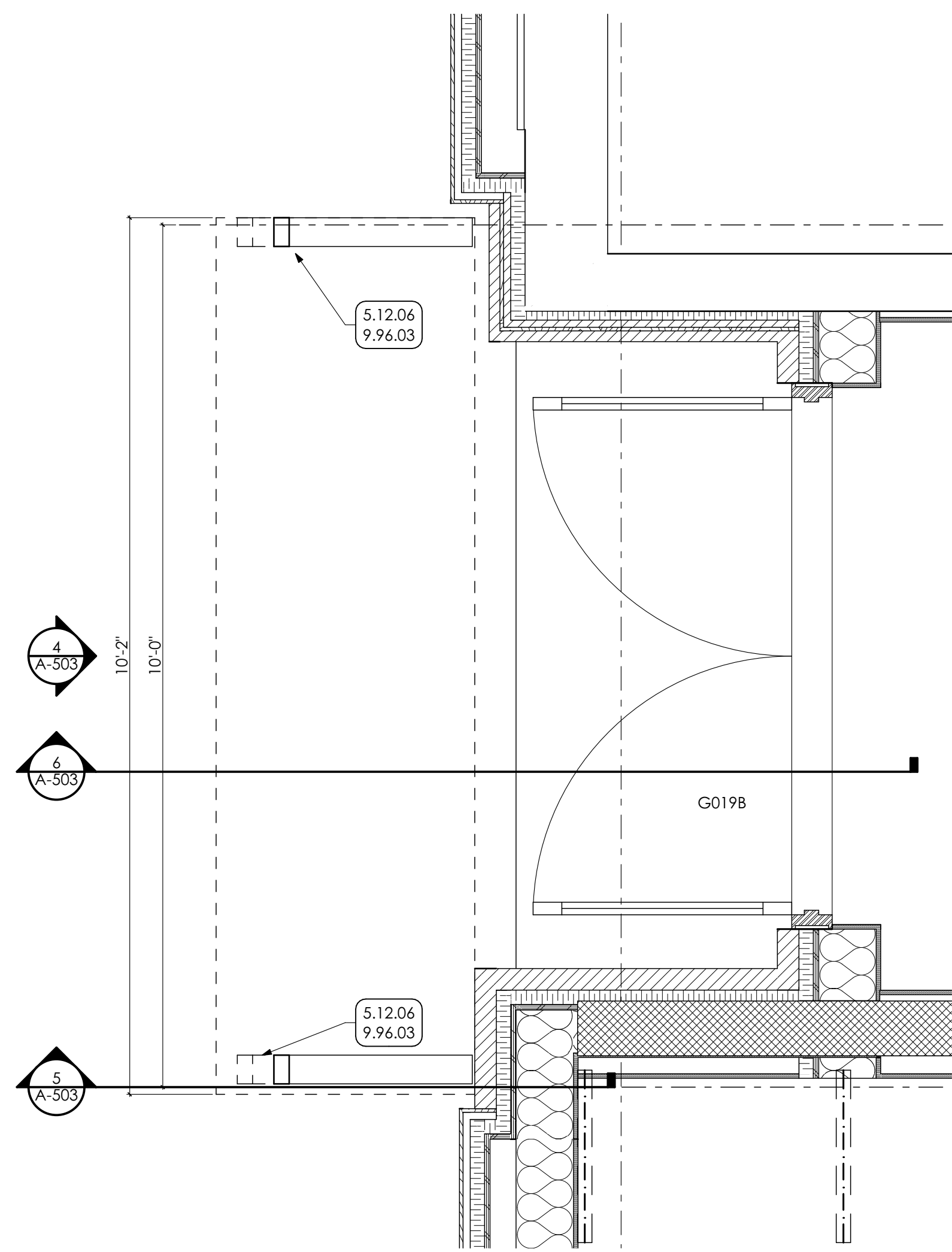
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BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING

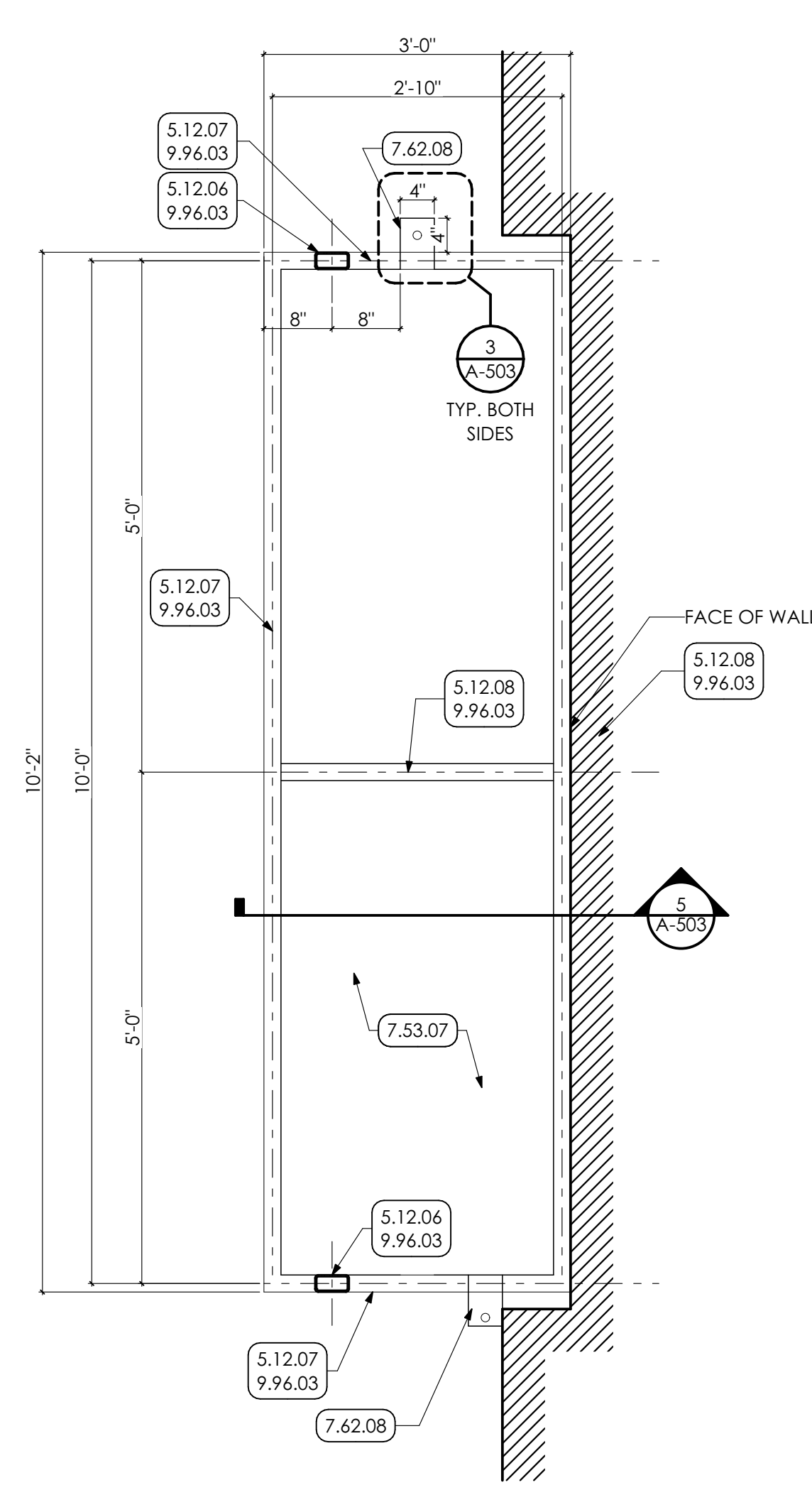
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MEZZANINE STAIR DETAILS

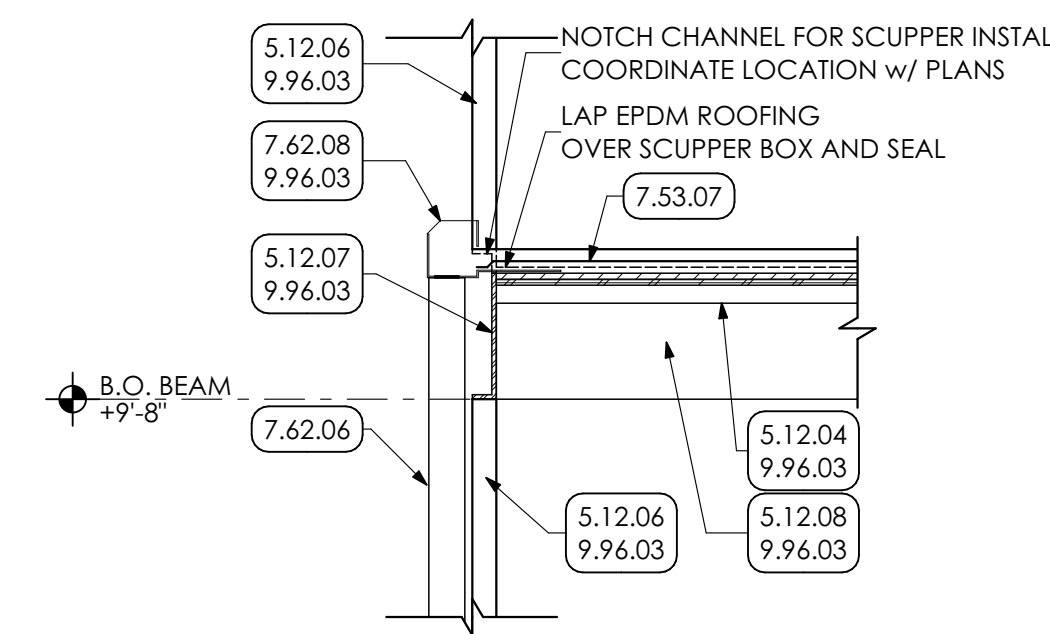
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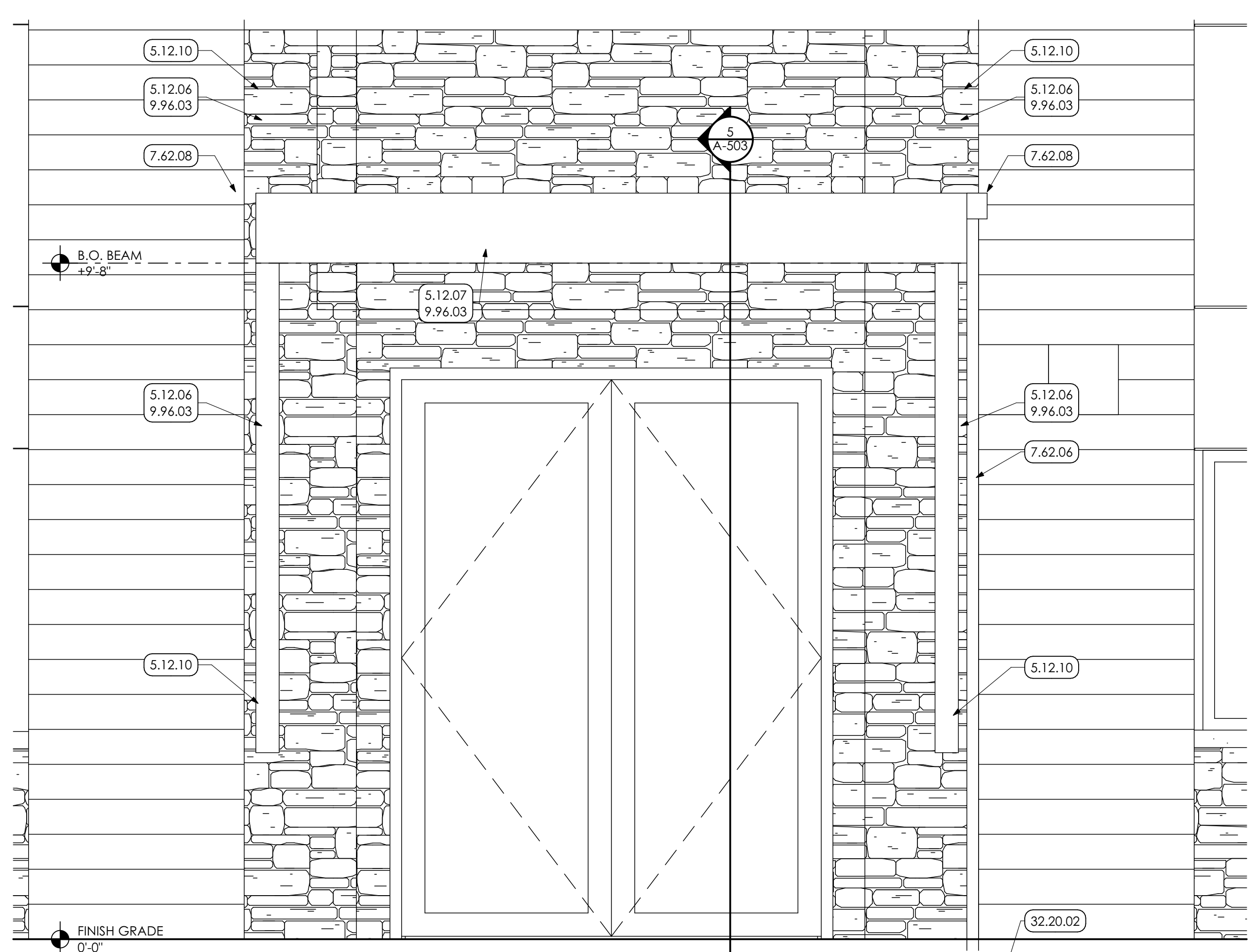
1 ENLARGED FLOOR PLAN
SCALE: 3/4" = 1'-0"



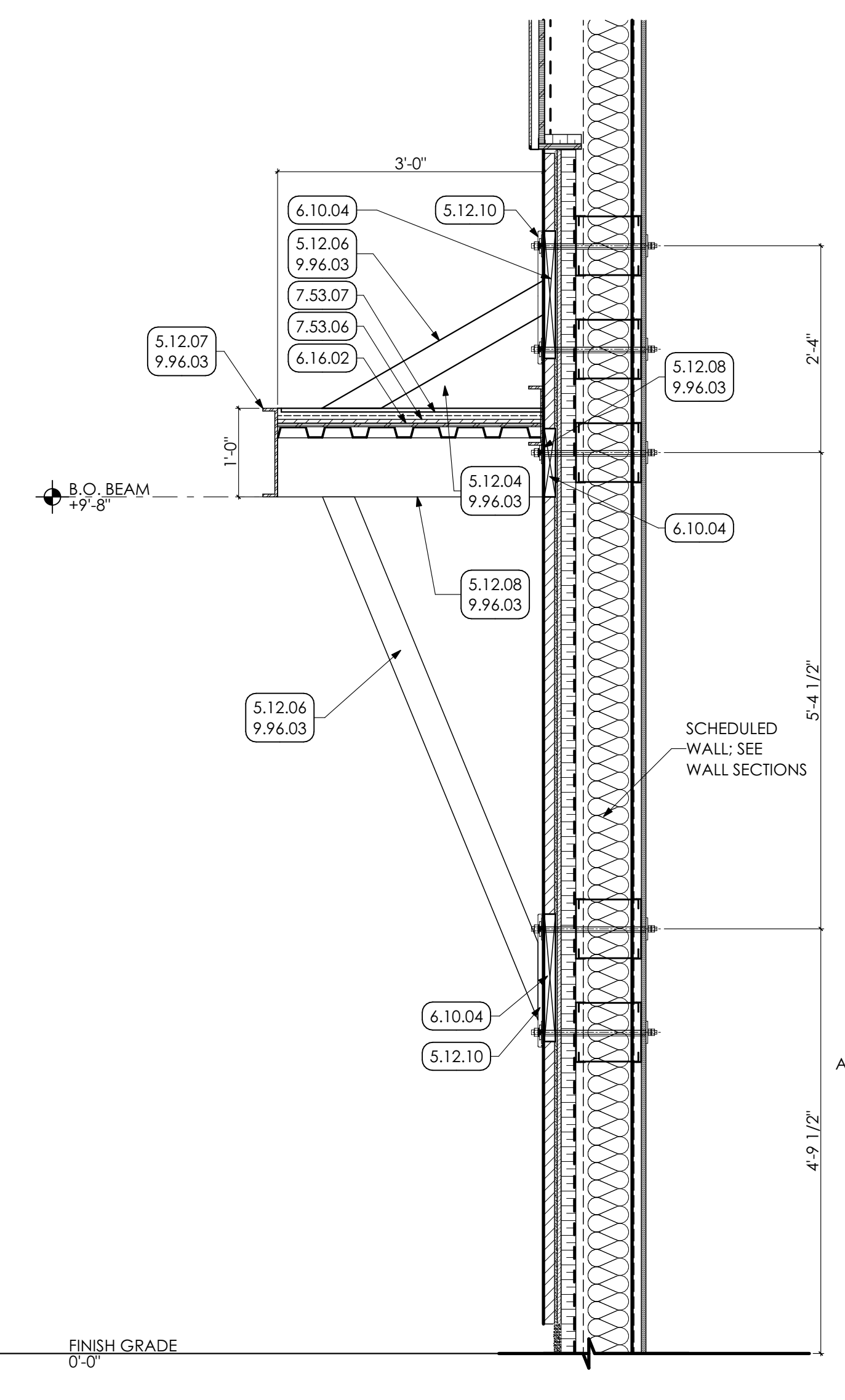
2 CANOPY ROOF PLAN
SCALE: 3/4" = 1'-0"



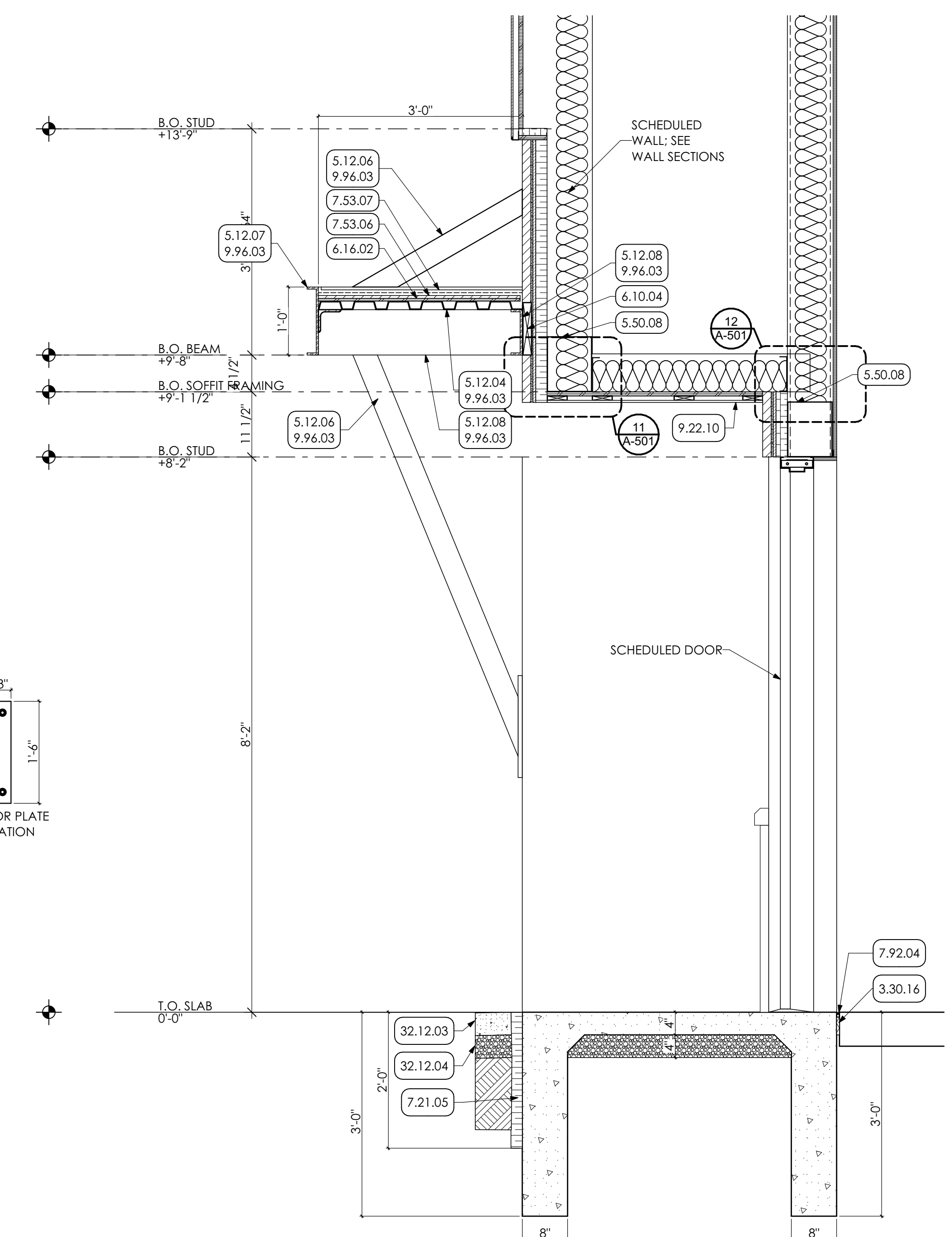
3 CANOPY SCUPPER DETAIL
SCALE: 3/4" = 1'-0"



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



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

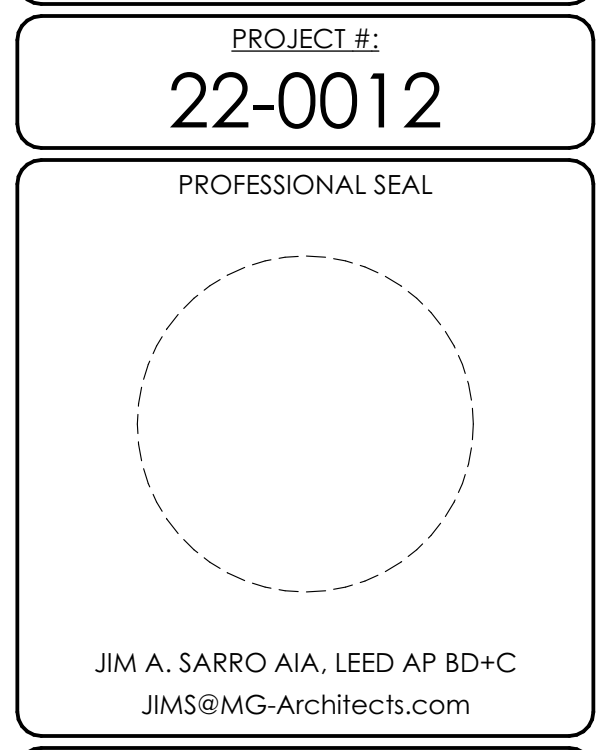


6 CANOPY DETAIL
SCALE: 3/4" = 1'-0"

- KEY NOTES**
- 03 CONCRETE**
3.30 CAST-IN-PLACE CONCRETE | SPEC 033000 | 032000
3.30.16 COMPRESSIBLE JOINT FILLER
 - 05 METALS**
5.12.04 STRUCTURAL STEEL FRAMING | SPEC 051200
1-1/2" STEEL DECK; COORDINATE W/ STRUCTURAL DRAWINGS.
5.12.06 2" x 4" TUBE STEEL COLUMN; COORDINATE W/ STRUCTURAL DRAWINGS.
5.12.07 12" C-C CHANNEL FRAMING; COORDINATE W/ STRUCTURAL DRAWINGS.
5.12.08 8" C-C CHANNEL FRAMING; COORDINATE W/ STRUCTURAL DRAWINGS.
5.12.10 STEEL PLATE; COORDINATE W/ STRUCTURAL DRAWINGS.
 - 5.50 METAL FABRICATIONS | SPEC 055000 | SPEC 055213**
5.50.08 METAL BOX HEADER COORDINATE WITH STRUCTURAL DRAWINGS.
 - 06 WOODS, PLASTICS AND COMPOSITES**
6.10 ROUGH CARPENTRY | SPEC 061000
6.10.04 2X PRESERVATIVE-TREATED WOOD BLOCKING
6.16 SHEATHING | SPEC 061600
6.16.02 1/2" PLYWOOD SHEATHING
 - 07 THERMAL AND MOISTURE PROTECTION**
7.21 THERMAL INSULATION | SPEC 072100
7.21.05 2" RIGID INSULATION
7.53 ELASTOMERIC ROOFING | SPEC 075323
7.53.06 1/2" COVER BOARD.
7.53.07 FULLY ADHERED 90 MIL EPDM ROOFING FOR ENTIRE CANOPY.
7.62 SHEET METAL FLASHING/TRIM | SPEC 076200
7.62.06 PREFINISHED 3" x 12" DOWNSPOUT WITH MITERED ELBOWS FURNISH WITH METAL HANGERS FROM SAME MATERIAL AS DOWNSPOUT AND ANCHORS. CONNECT TO UNDERGROUND STORM WATER SYSTEM.
7.62.08 4" x 4" ALUMINUM SCUPPER BOX W/ DRAINAGE HOLE MOUNTED TO CANOPY STRUCTURE.
 - 7.92 JOINT SEALANTS | SPEC 079200**
7.92.04 CONTINUOUS SEALANT WITH BACKER ROD
 - 09 FINISHES**
9.22 NON-STRUCTURAL METAL FRAMING | SPEC 092216
9.22.10 ALUMINUM SOFFIT
9.76 HIGH-PERFORMANCE COATING | SPEC 099600
9.76.03 PREP. PRIME PAINT TWO (2) COATS ENTIRE CANOPY WITH HIGH PERFORMANCE COATING.
 - 32 EXTERIOR IMPROVEMENTS**
32.12 ASPHALT PAVING | SPEC 321216
32.12.03 ASPHALT PAVING
32.12.04 CRUSHED STONE
32.20 SITEWORK
32.20.02 NEW 8" PVC STORMWATER PIPING, COORDINATE WITH ROOF DRAIN COLLECTOR DETAIL. PROVIDE POSITIVE SLOPE AND TIE INTO EXISTING STORMWATER SYSTEM AS SHOWN. INCLUDE EXCAVATION, REMOVE OF EXISTING STORM LINE, AND BACKFILL AS REQUIRED.



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22-0012



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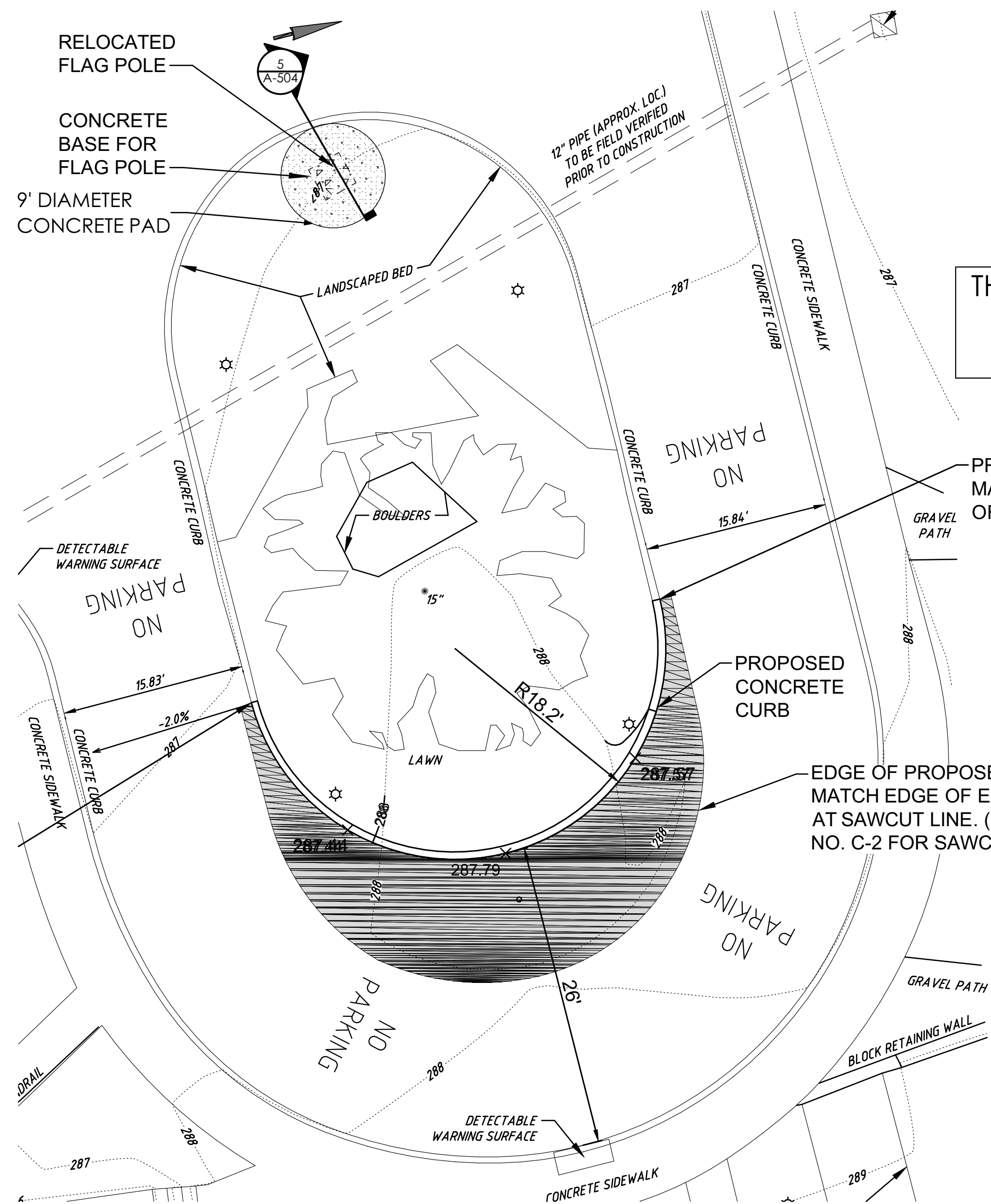
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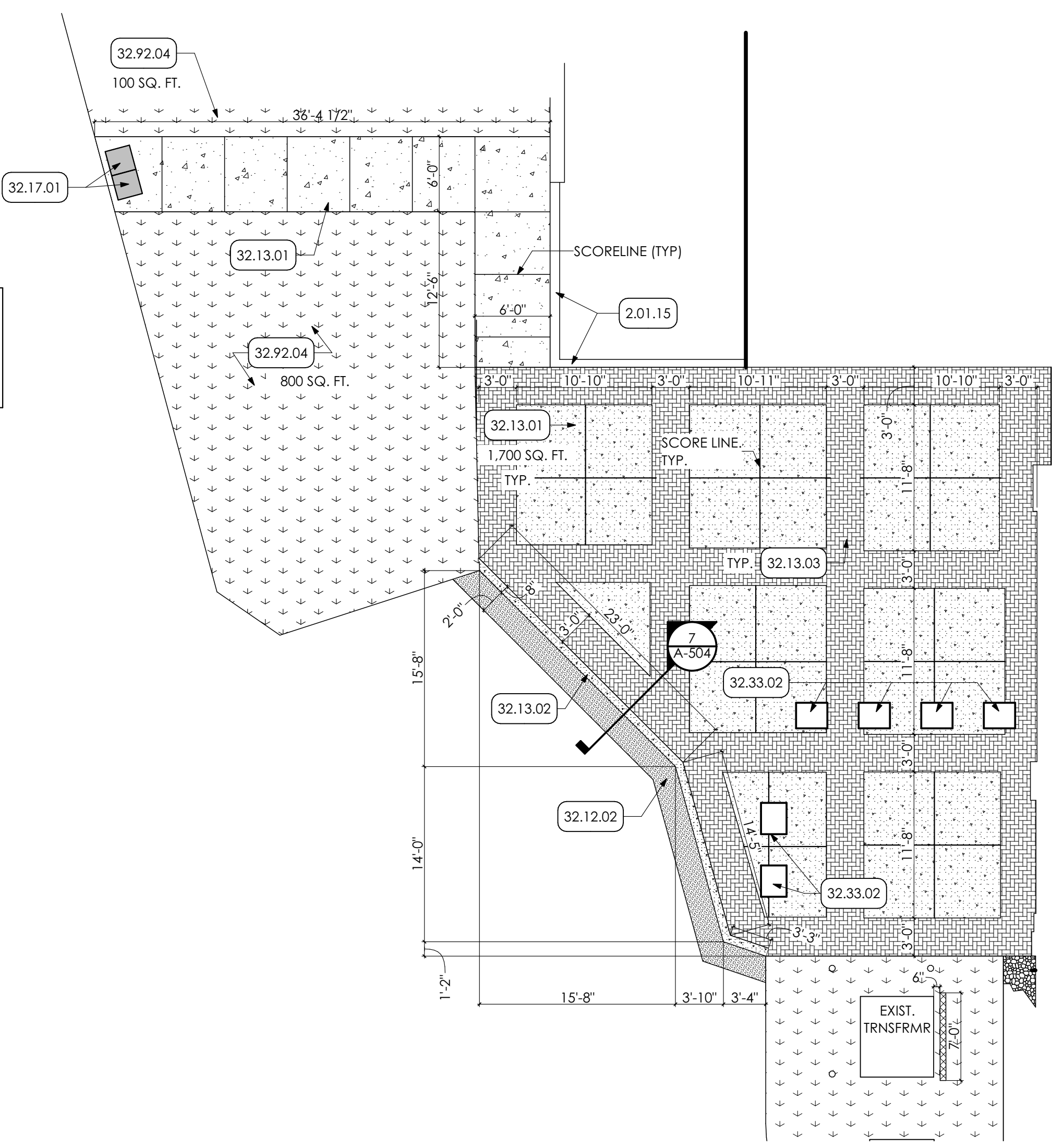
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DETAILS

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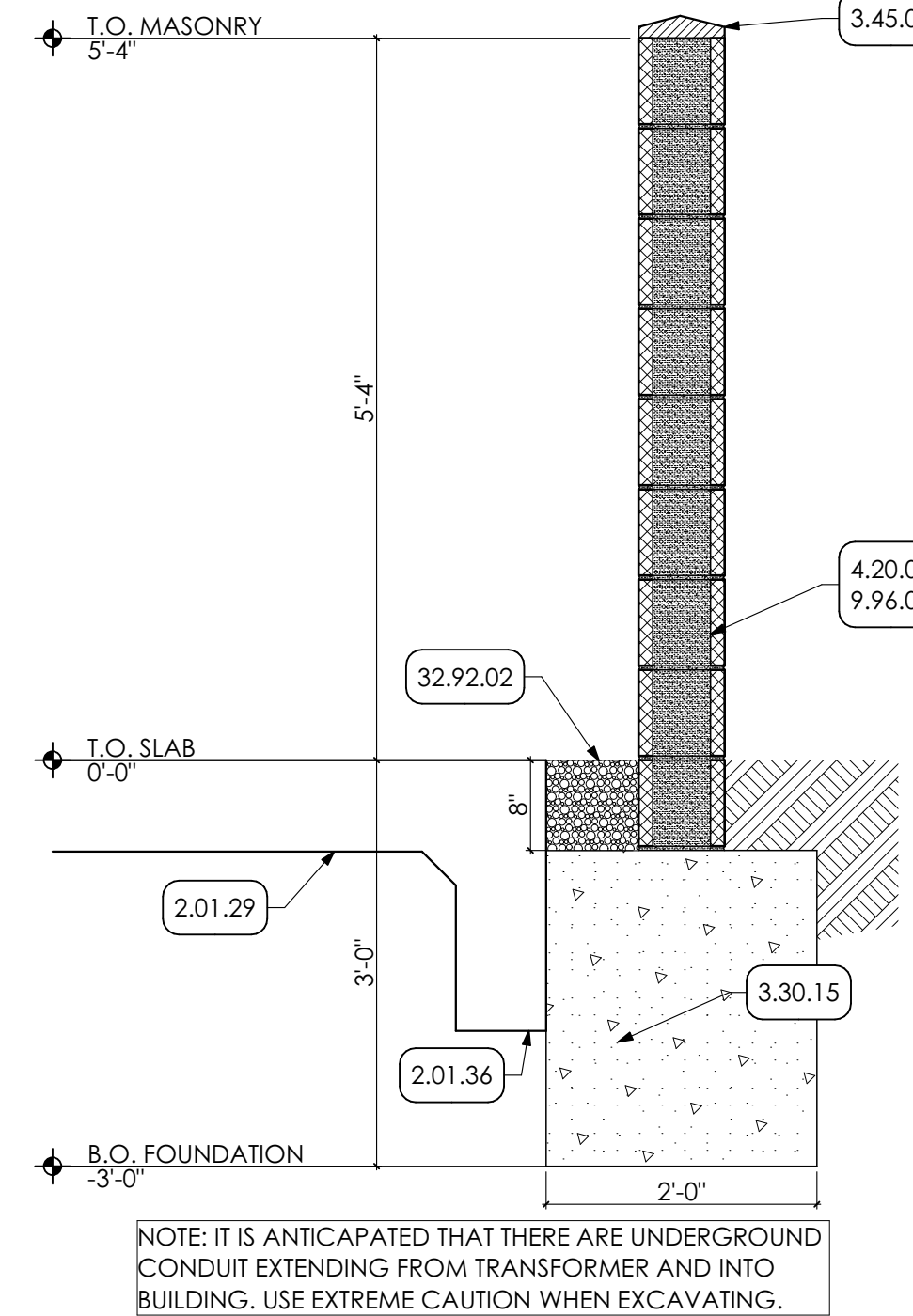


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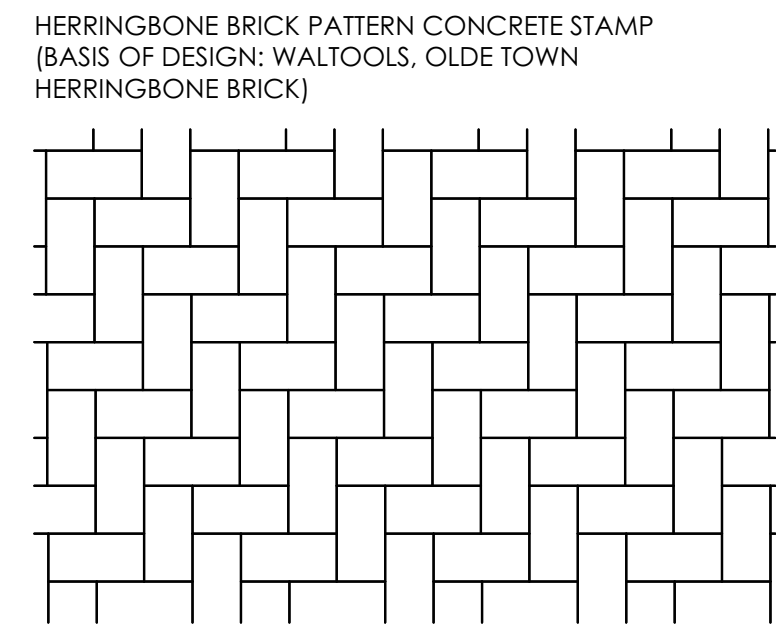
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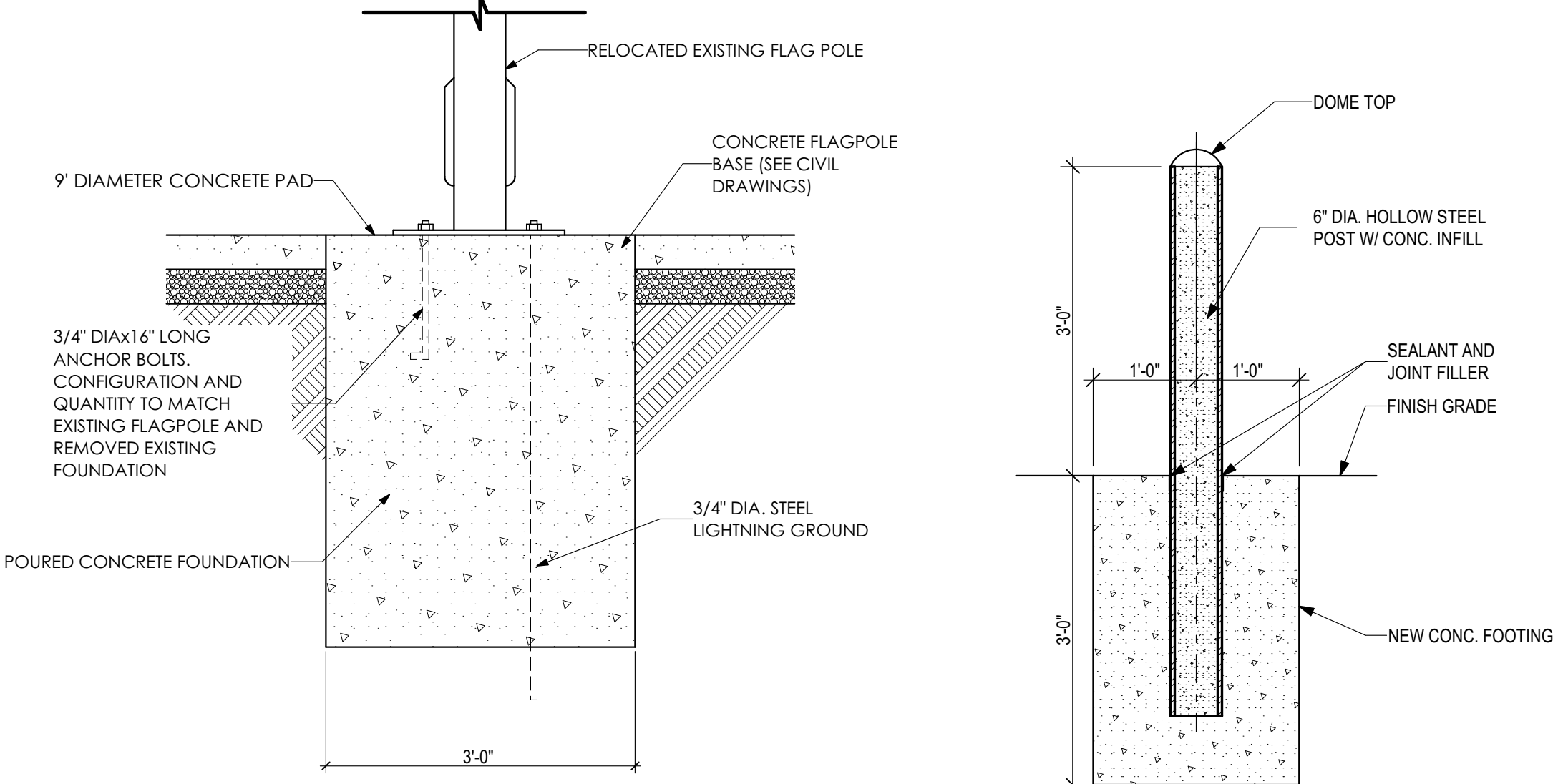
2 ENTRANCE PLAN
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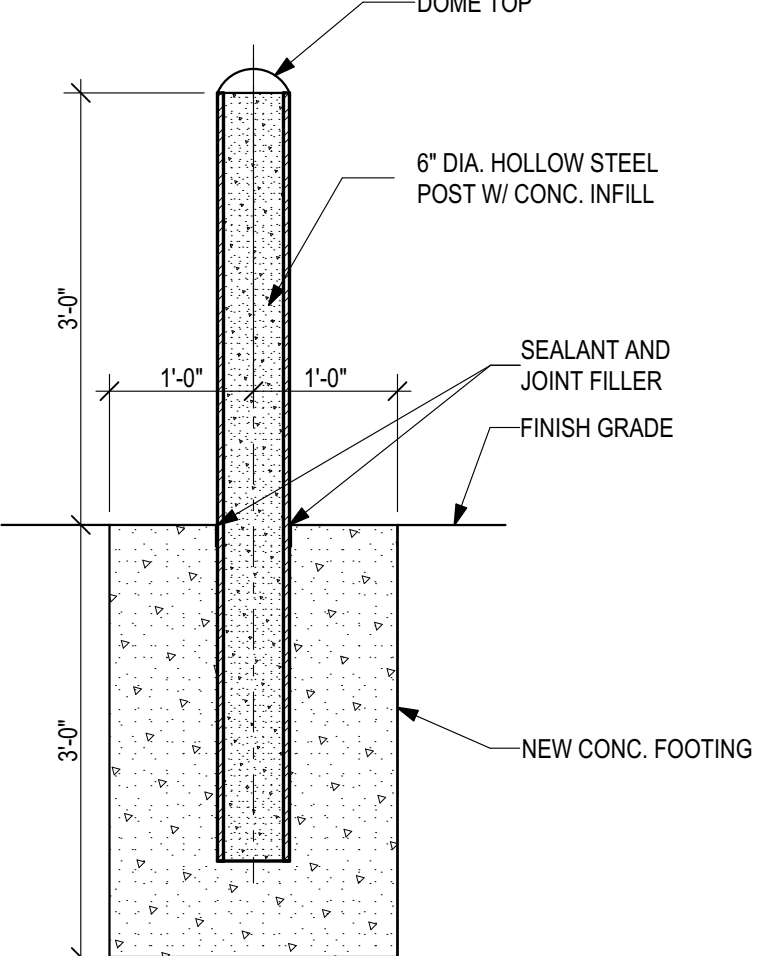
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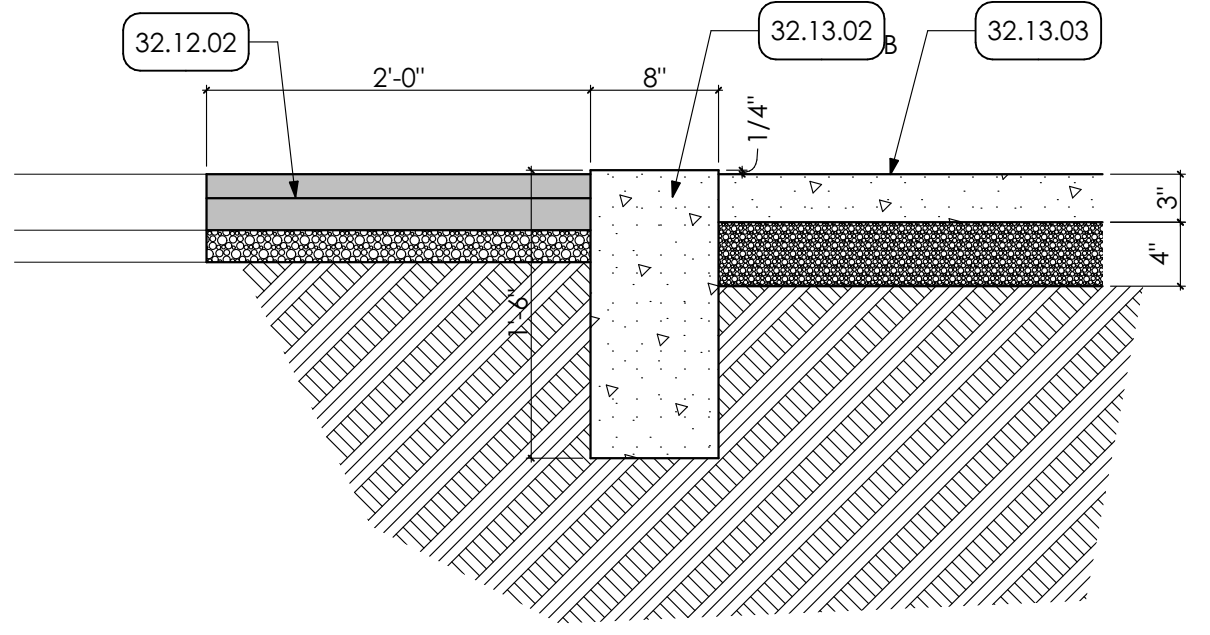
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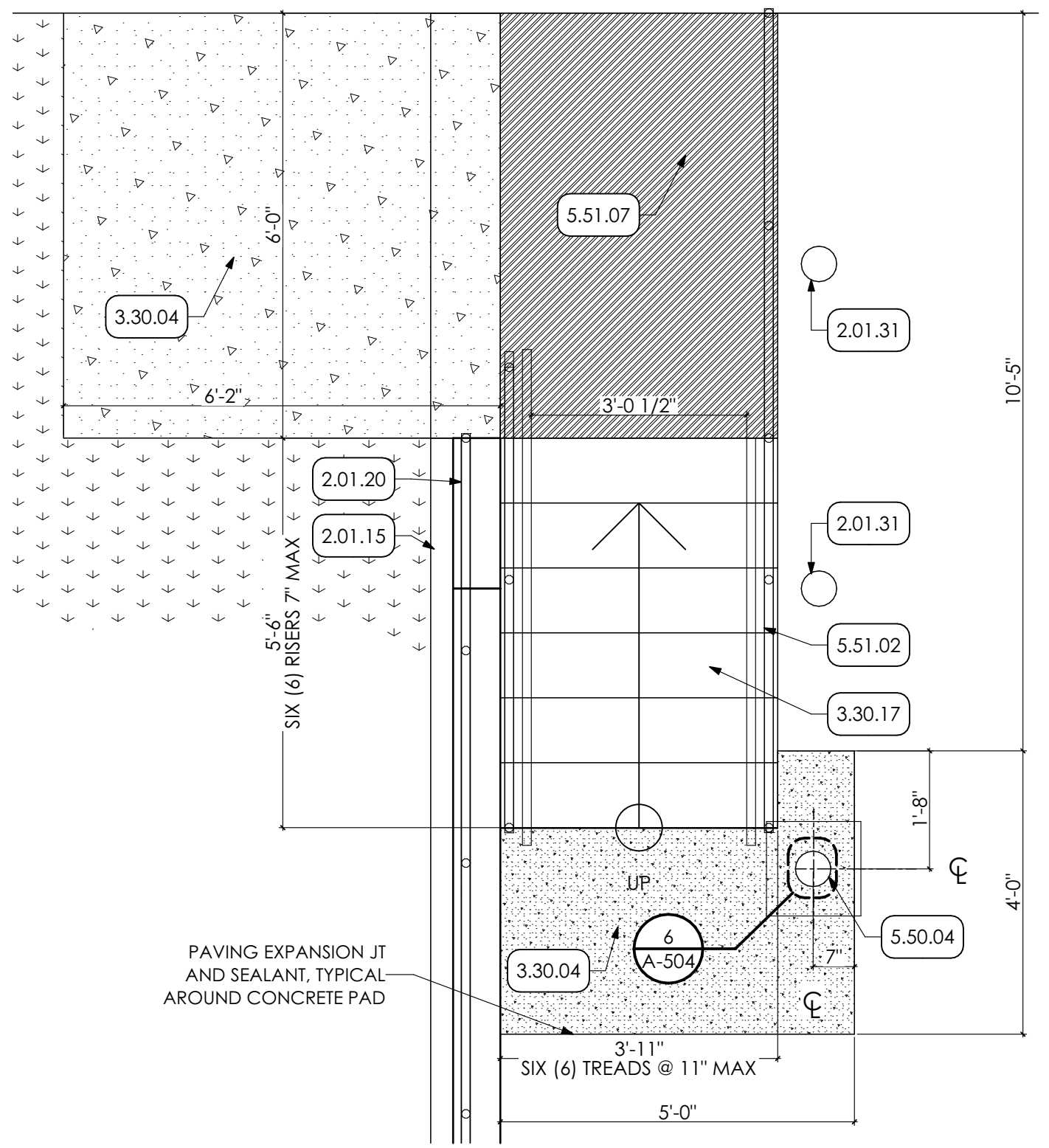
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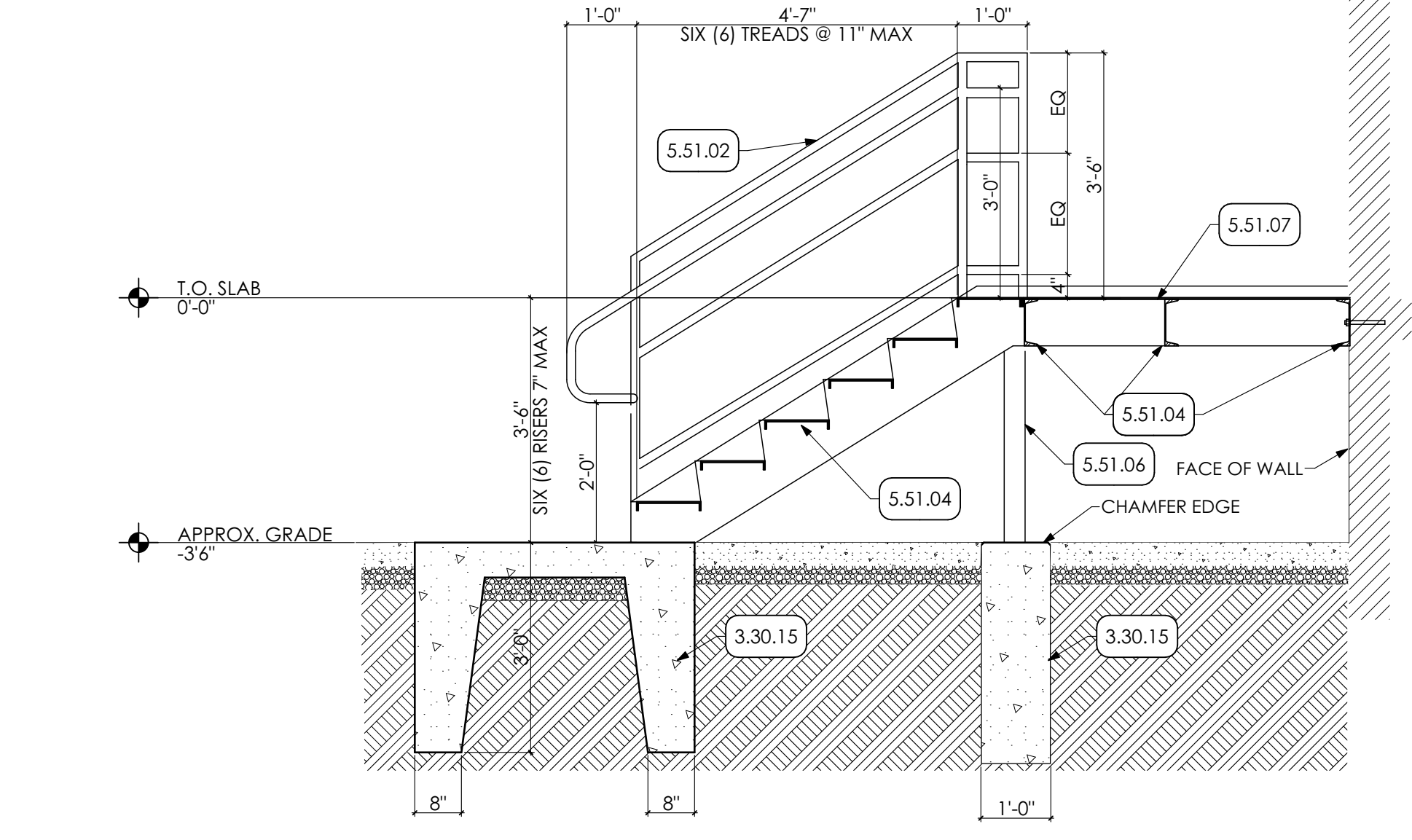
6 BOLLARD DETAIL
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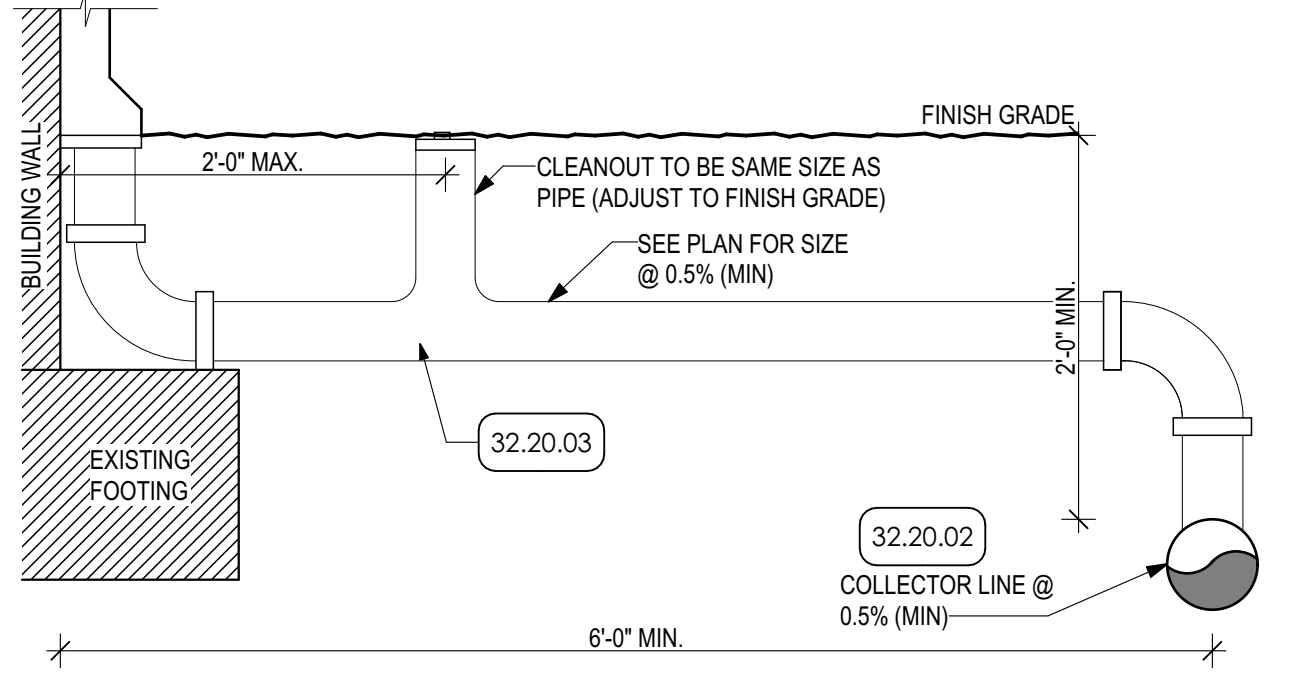
7 PAVER CURB
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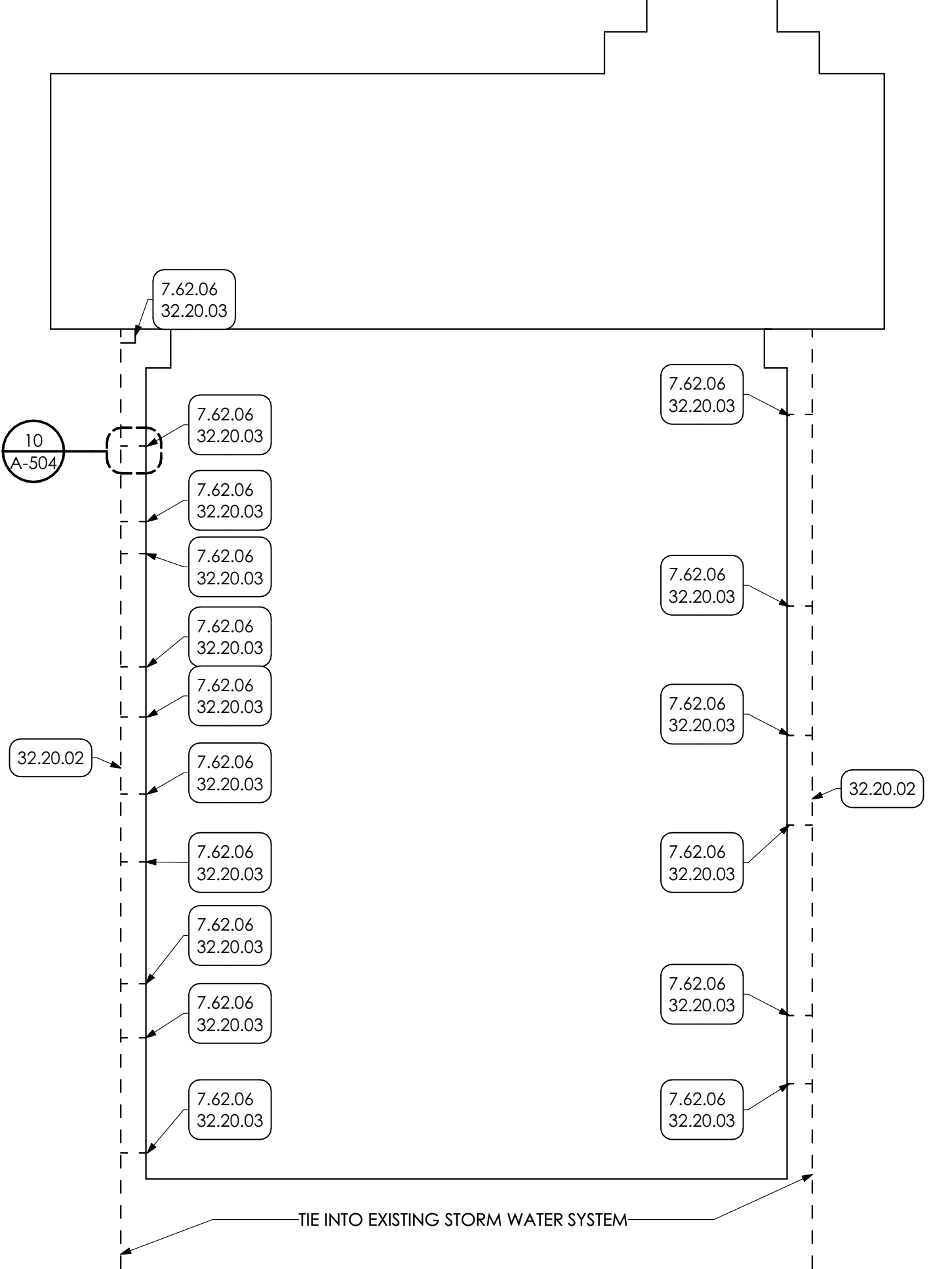
8 ENLARGED PLAN
SCALE: 1/2" = 1'-0"



9 STAIR SECTION
SCALE: 1/2" = 1'-0"



10 ROOF DRAIN COLLECTOR DETAIL
SCALE: 1" = 1'-0"



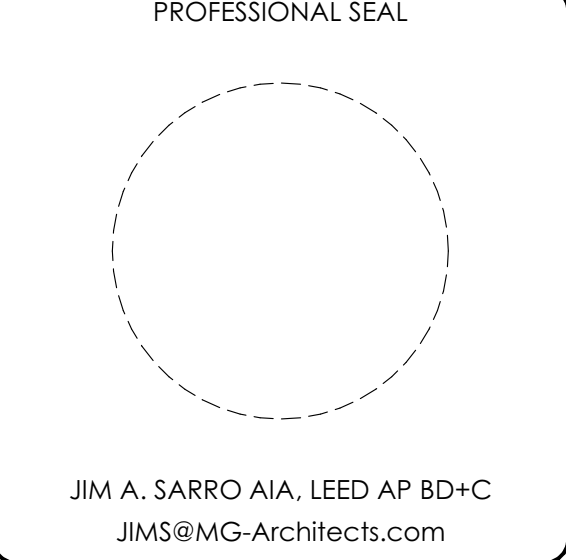
11 RWC PLAN
SCALE: 1" = 30"

- KEY NOTES**
- 02 DEMOLITION**
 - 2.01 EXISTING CONDITIONS
 - 2.01.15 EXISTING RETAINING WALL TO REMAIN
 - 2.01.20 EXISTING RAILING TO REMAIN
 - 2.01.29 EXISTING CONCRETE SLAB TO REMAIN
 - 2.01.31 EXISTING BOLLARDS TO REMAIN
 - 2.01.36 EXISTING CONCRETE FOOTING TO REMAIN
 - 03 CONCRETE**
 - 3.30 **CAST-IN-PLACE CONCRETE | SPEC 033000 | 033000**
 - 3.30.04 CAST-IN-PLACE CONCRETE PAD WITH DRAINAGE FILL. COORDINATE WITH STRUCTURAL DRAWING.
 - 3.30.15 CONCRETE FOUNDATION COORDINATE WITH STRUCTURAL DRAWINGS.
 - 3.30.17 NEW CAST IN PLACE CONCRETE STAIR.
 - 3.45 **PRECAST ARCHITECTURAL CONCRETE COORDINATE WITH STRUCTURAL DRAWINGS CONCRETE CAP**
 - 3.45.01
 - 04 MASONRY**
 - 4.22 **CMU MASONRY | SPEC 042000**
 - 4.20.05 8" CMU GROUDED SOLID. COORDINATE WITH STRUCTURAL DRAWINGS.
 - 05 METALS**
 - 5.50 **METAL FABRICATIONS | SPEC 055000 | SPEC 055213**
 - 5.50.04 CONCRETE FILLED PIPE BOLLARDS.
 - 5.51 **METAL STAIRS | SPEC 055100**
 - 5.51.02 1 1/2" DIA. METAL PIPE GUARDRAIL AT 42" HT. AND HANDRAIL AT 36" HT. PREP AND PAINT.
 - 5.51.04 12" STEEL CHANNEL STRINGER. PREP AND PAINT.
 - 5.51.06 4"x4" STEEL POST. PREP AND PAINTED (2 COATS).
 - 5.51.07 STEEL DIAMOND PLATE LANDING.
 - 07 THERMAL AND MOISTURE PROTECTION**
 - 7.62 **SHEET METAL FLASHING/TRIM | SPEC 076200**
 - 7.62.06 PREFINISHED 2" DOWNSPOUT WITH HATERED ELBOWS FURNISH WITH METAL HANGERS FROM SAME MATERIAL AS DOWNSPOUT AND ANCHORS. CONNECT TO UNDERGROUND STORM WATER SYSTEM.
 - 09 FINISHES**
 - 9.96 **HIGH-PERFORMANCE COATING | SPEC 099600**
 - 9.96.01 PREP. PRIME. PAINT (2 COATS) ENTIRE SURFACE WITH HIGH PERFORMANCE COATING.
 - 32 EXTERIOR IMPROVEMENTS**
 - 32.12 **ASPHALT PAVING | SPEC 321216**
 - 32.12.02 NEATLY CUT AND REMOVE EXISTING ASPHALT AND EXCAVATE FOR NEW PAVERS. BACKFILL AND PATCH ASPHALT AS SHOWN. COORDINATE PAVING SECTION AND DRAINAGE BASE DEPTH WITH CIVIL DRAWINGS.
 - 32.13 **CONCRETE PAVING | SPEC 321313 | 321373**
 - 32.13.01 CONCRETE SIDEWALK OVER DRAINAGE FILL. COORDINATE WITH CIVIL DRAWINGS.
 - 32.13.02 CONCRETE CURB. COORDINATE WITH CIVIL DRAWINGS.
 - 32.13.03 STAMPED CONCRETE. COORDINATE WITH STAMP PATTERN DETAIL.
 - 32.17 **TACTILE WARNING SURFACING | SPEC 321726**
 - 32.17.01 24"x24" TACTILE WARNING TILE.
 - 32.20 **SITEWORK**
 - 32.20.02 NEW 8" PVC STORMWATER PIPING. COORDINATE WITH ROOF DRAIN COLLECTOR DETAIL. PROVIDE POSITIVE SLOPE AND TIE INTO EXISTING STORMWATER SYSTEM AS SHOWN. INCLUDE EXCAVATION. REMOVE OF EXISTING STORM LINE. AND BACKFILL AS REQUIRED.
 - 32.20.03 6" PVC STORMWATER PIPING EXTENSION FROM DOWNSPOUT. COORDINATE LOCATIONS WITH EXTERIOR ELEVATIONS.
 - 32.33 **SITE FURNISHINGS**
 - 32.33.02 GFR CONCRETE PLANTER. (BASIS OF DESIGN: TOURNESOL SITEWORKS; URBAN COLLECTION; PART NO. UCR-3620; 36"x30"x34" OR EQUAL)
 - 32.92 **TURF AND GRASSES | SPEC 329200**
 - 32.92.02 #4 WASHED RIVER STONE.
 - 32.92.04 BACKFILL TO FINISH FLUSH WITH ADJACENT GRADE AND PROVIDE SEED, BY G.C.



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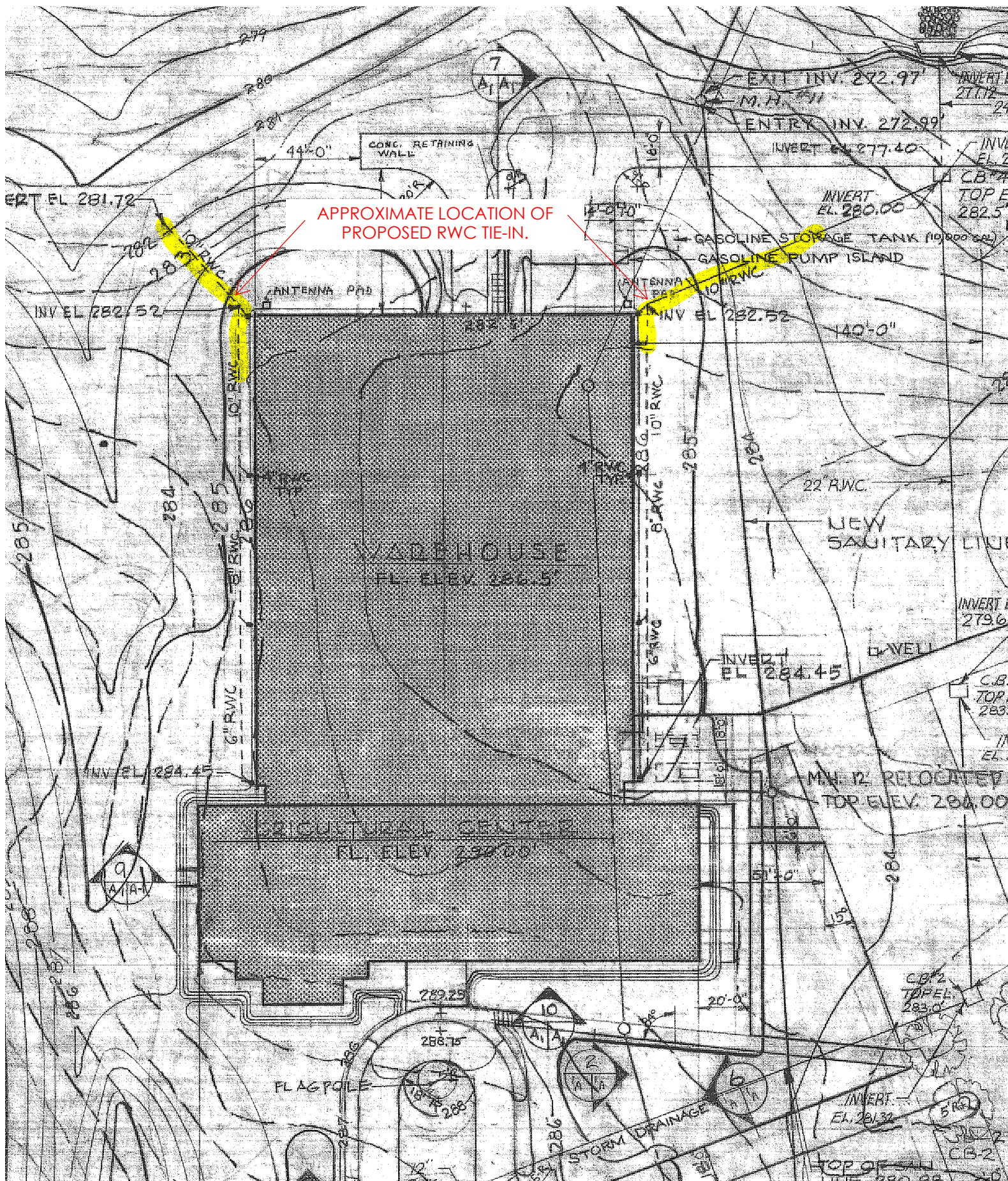
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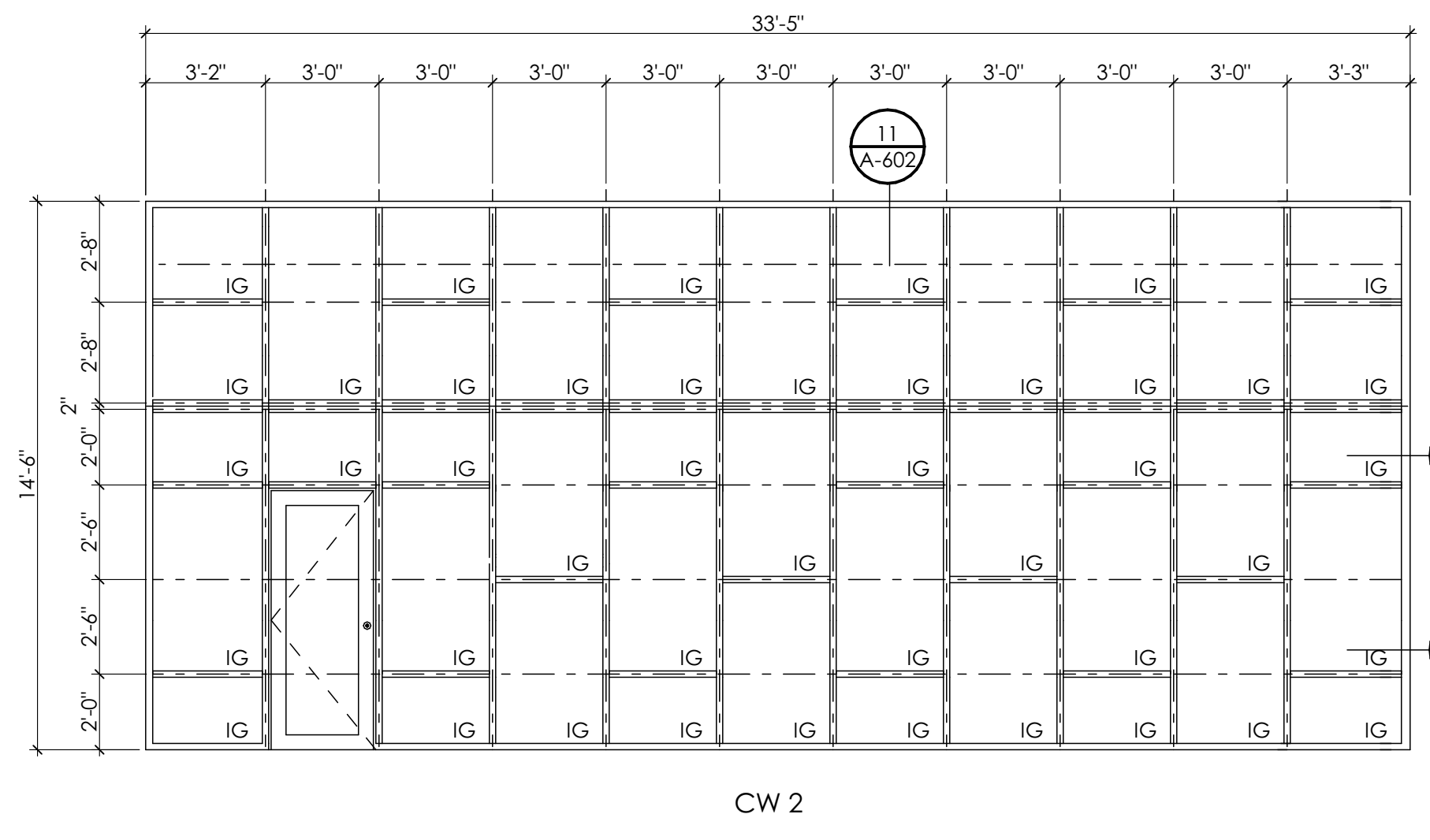
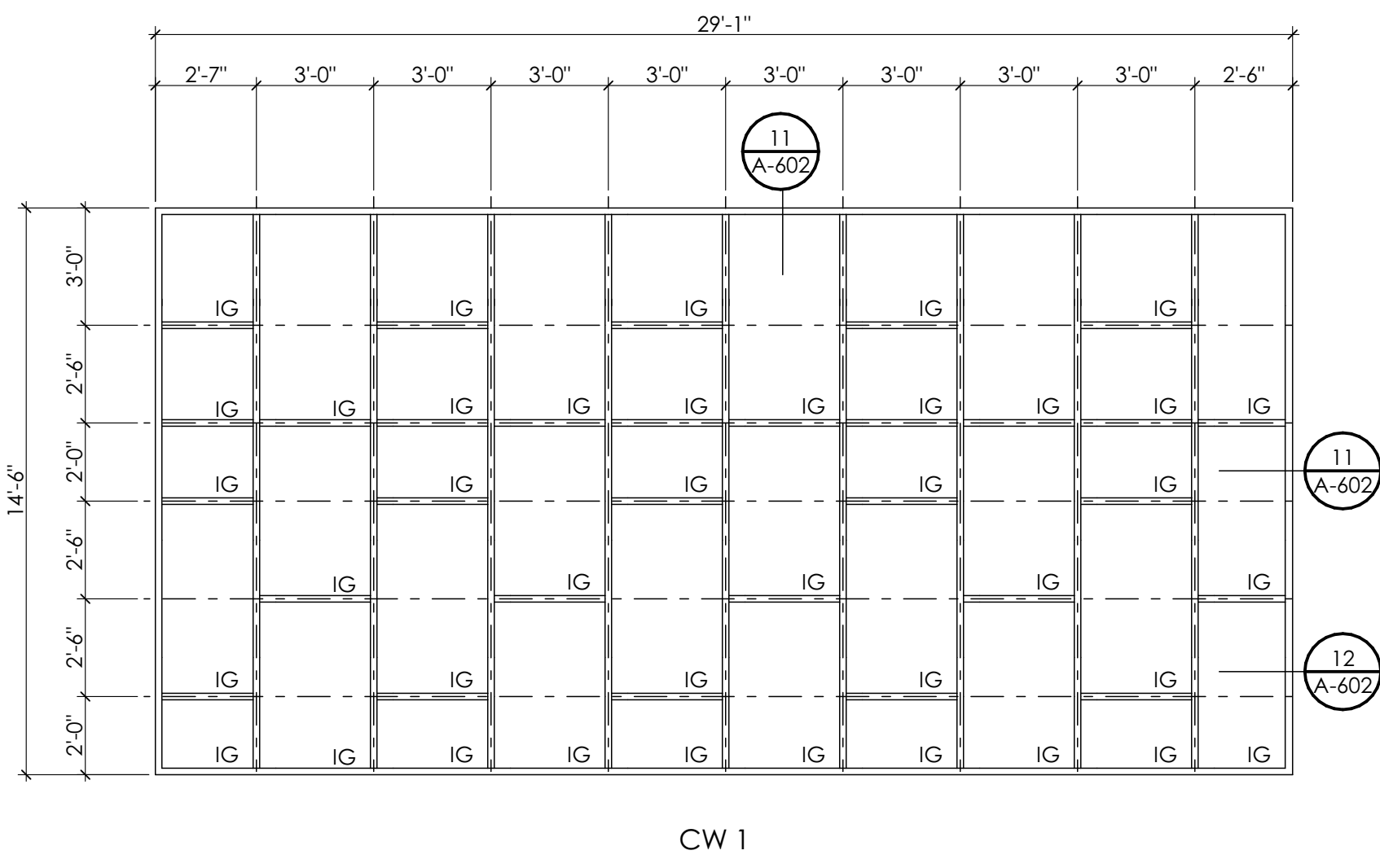
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SITE DETAILS

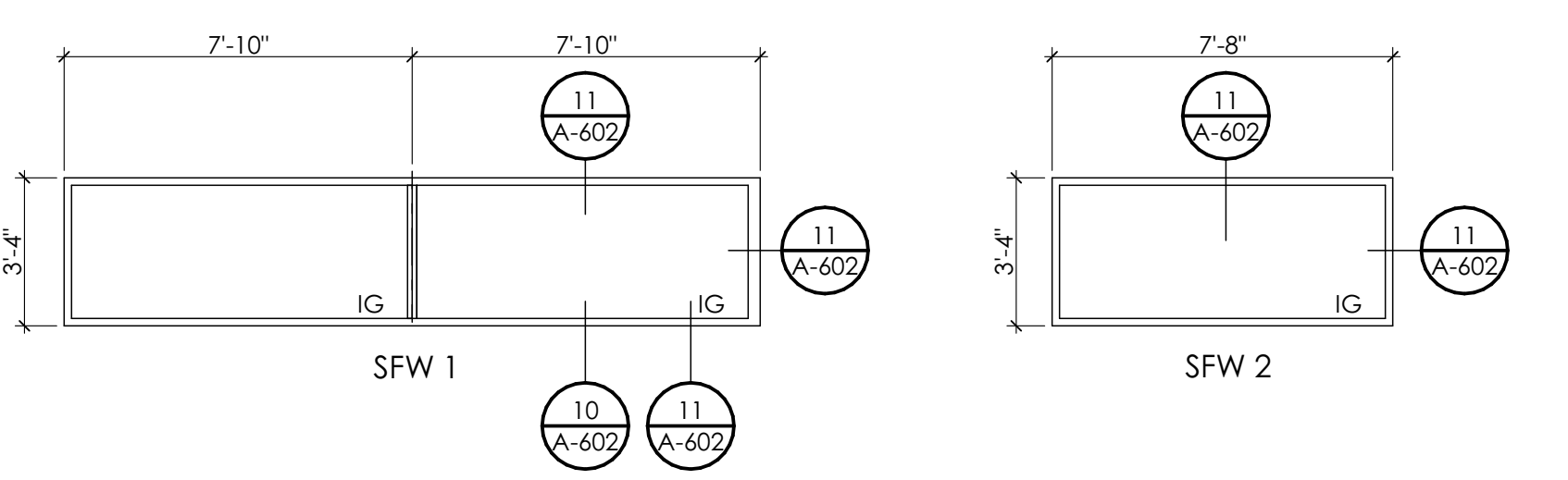
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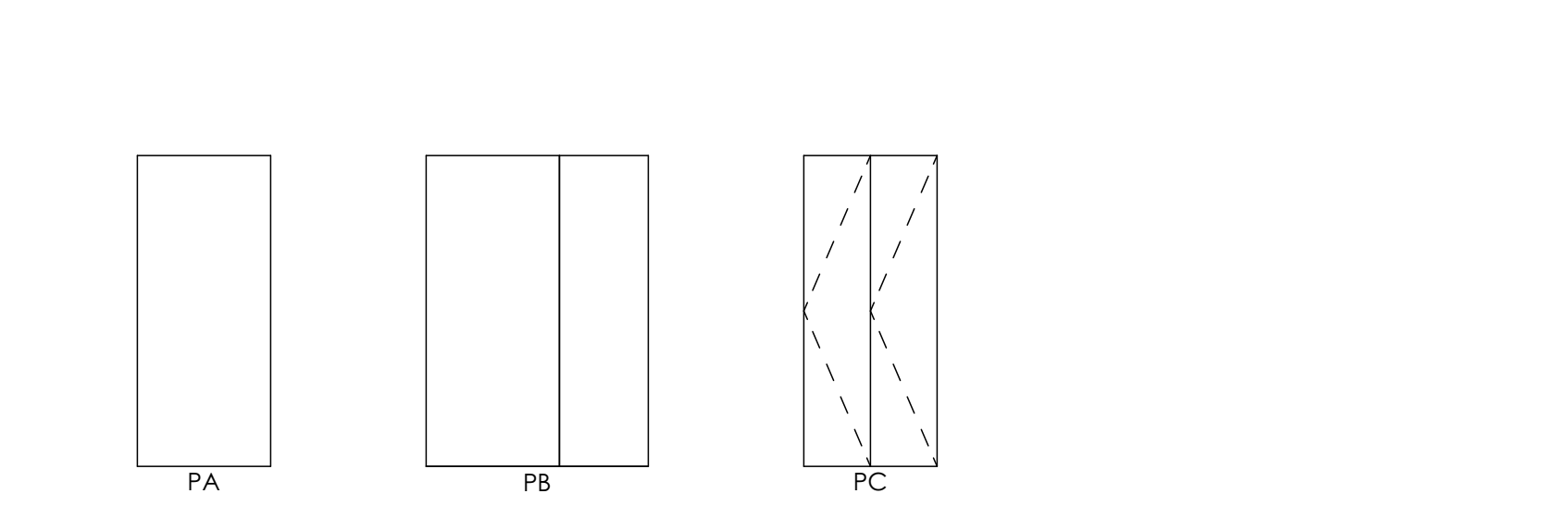
APPROXIMATE LOCATION OF PROPOSED RWC TIE-IN.



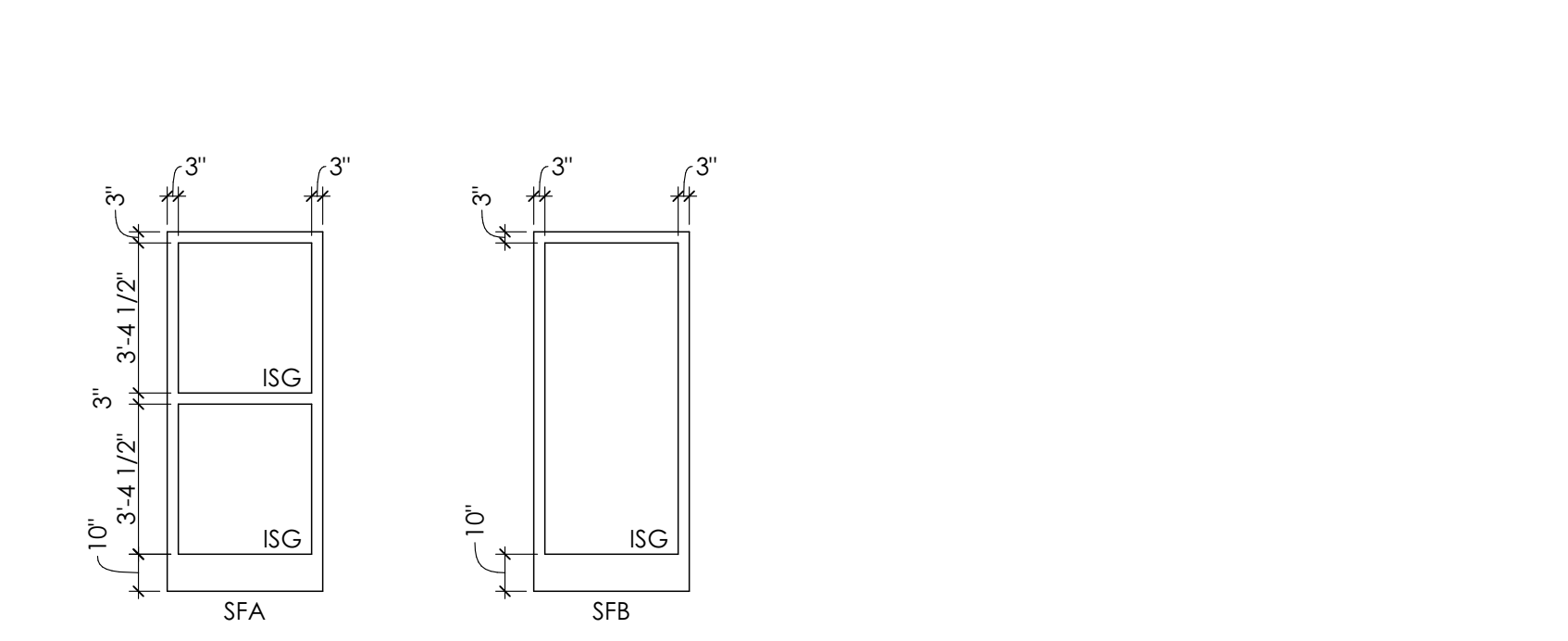
1 CURTAINWALL TYPES | SPEC: 084413
SCALE: 1/4" = 1'-0"



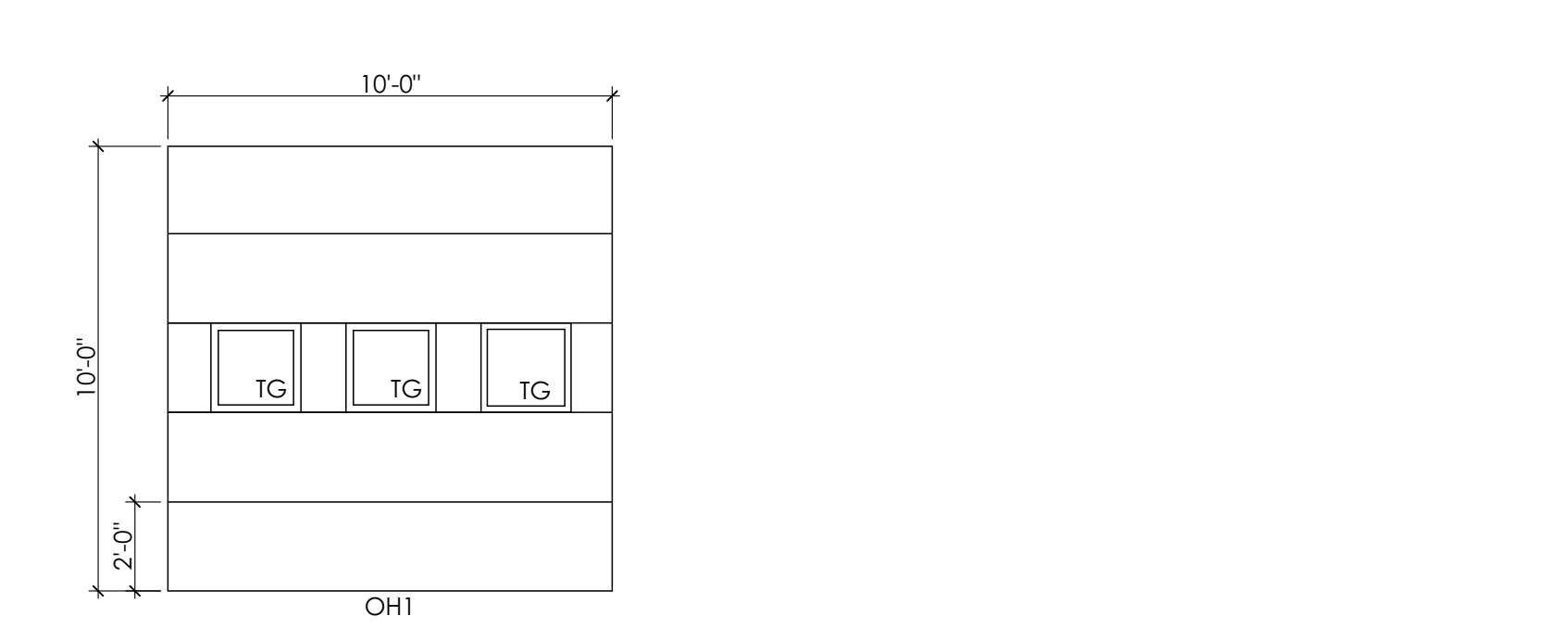
5 STOREFRONT TYPES | SPEC: 084113
SCALE: 1/4" = 1'-0"



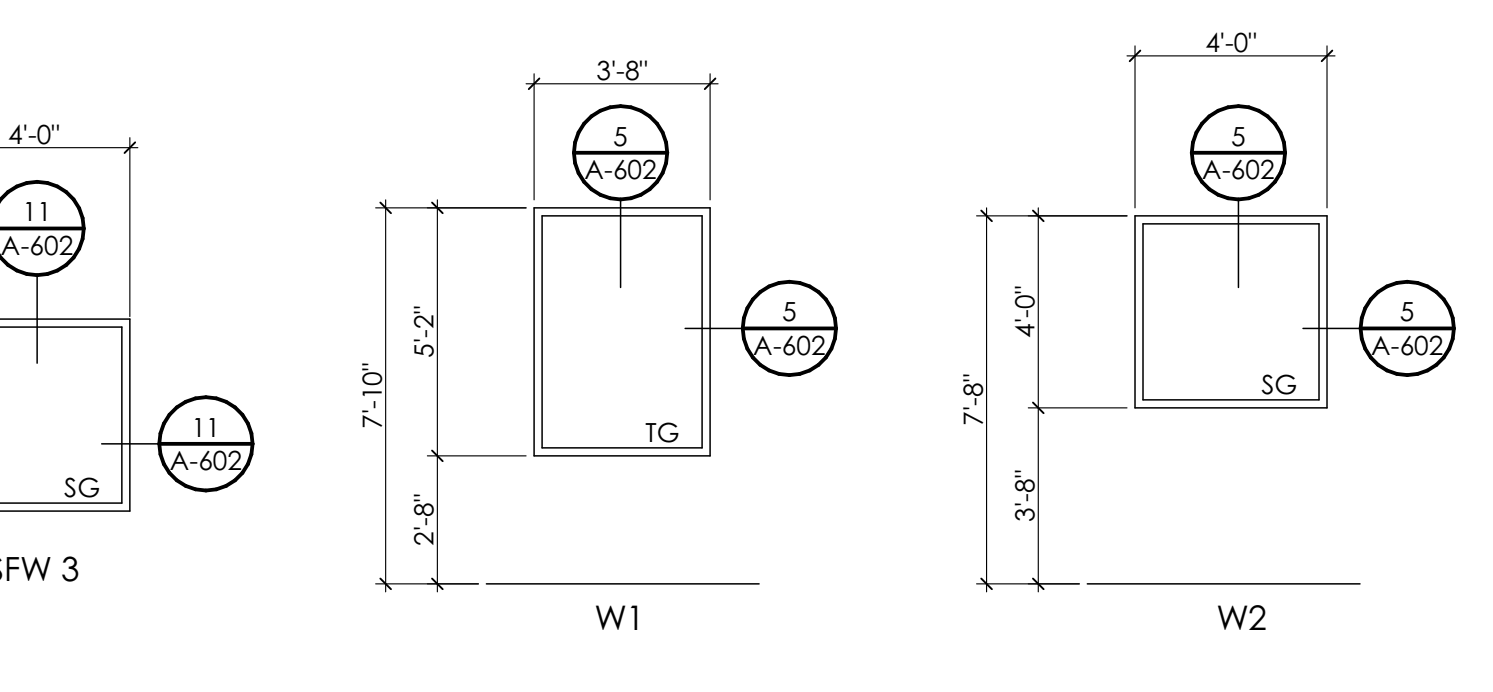
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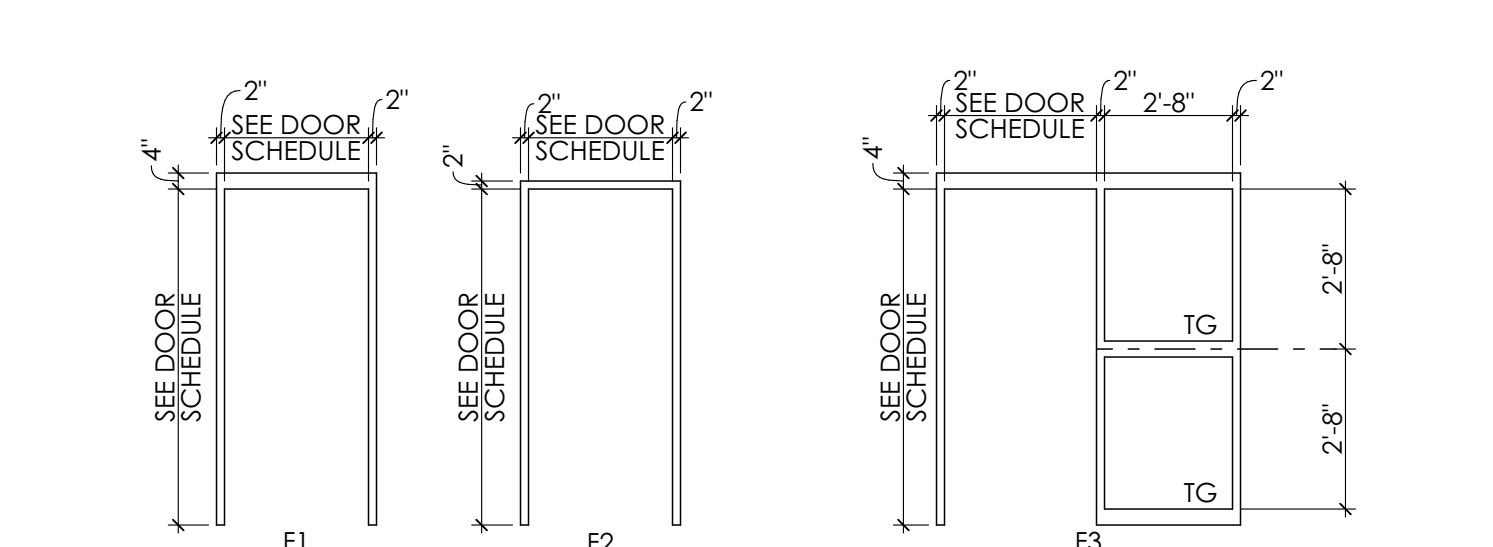
9 STOREFRONT DOOR PANEL | SPEC: 084113
SCALE: 1/4" = 1'-0"



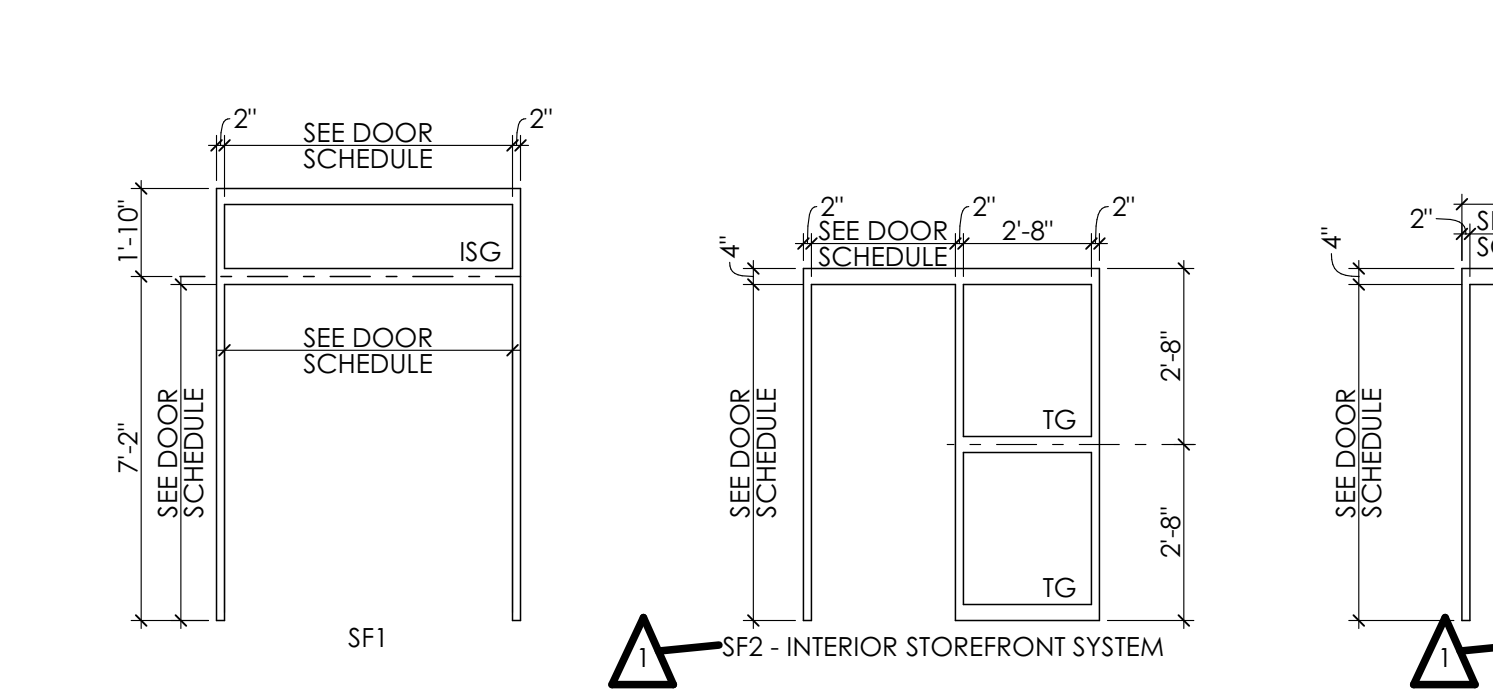
11 SECTIONAL DOOR | SPEC: 083613
SCALE: 1/4" = 1'-0"



6 HM WINDOW TYPES | SPEC: 081113
SCALE: 1/4" = 1'-0"



8 HM FRAME TYPE | SPEC: 081113
SCALE: 1/4" = 1'-0"

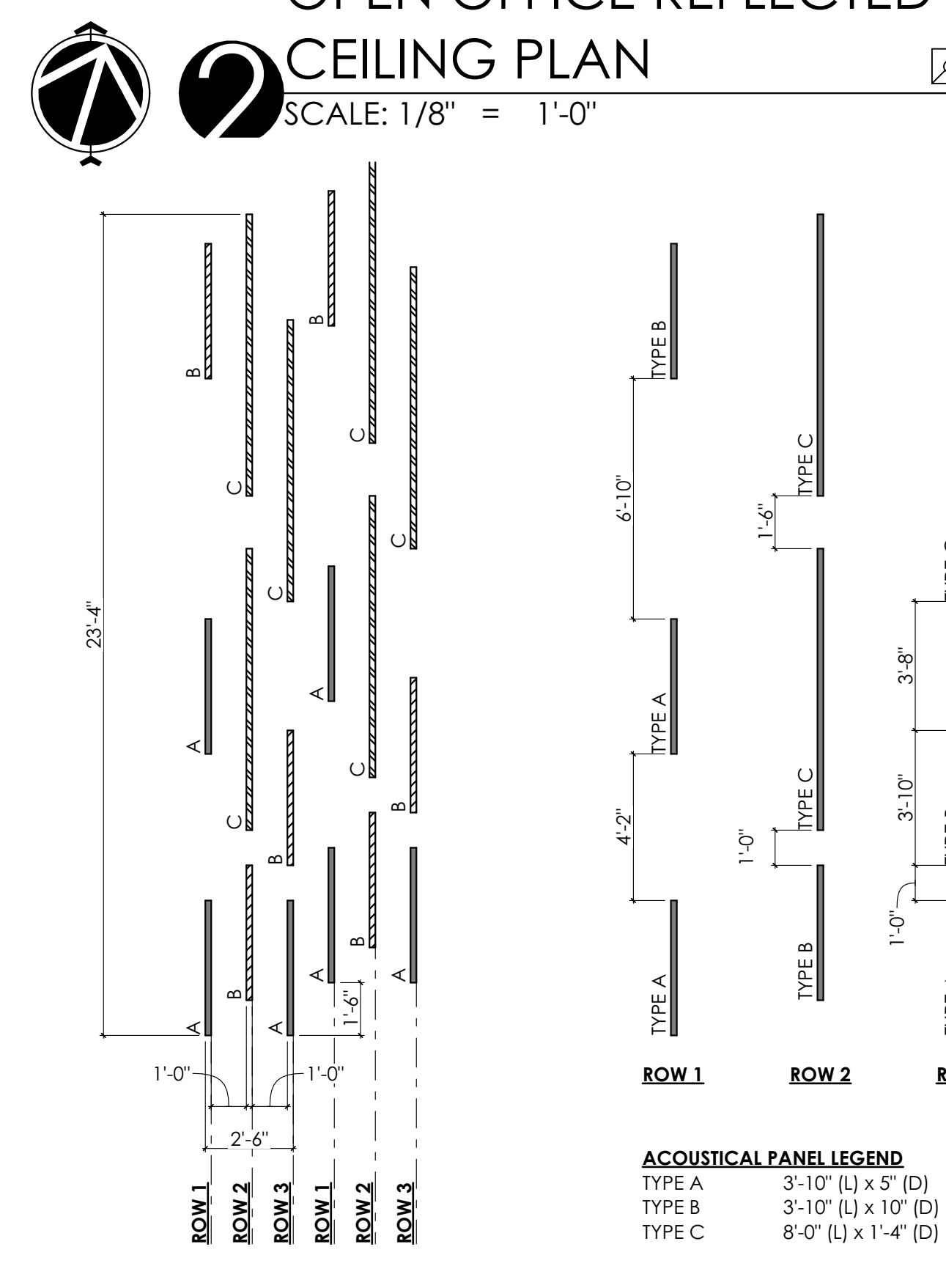
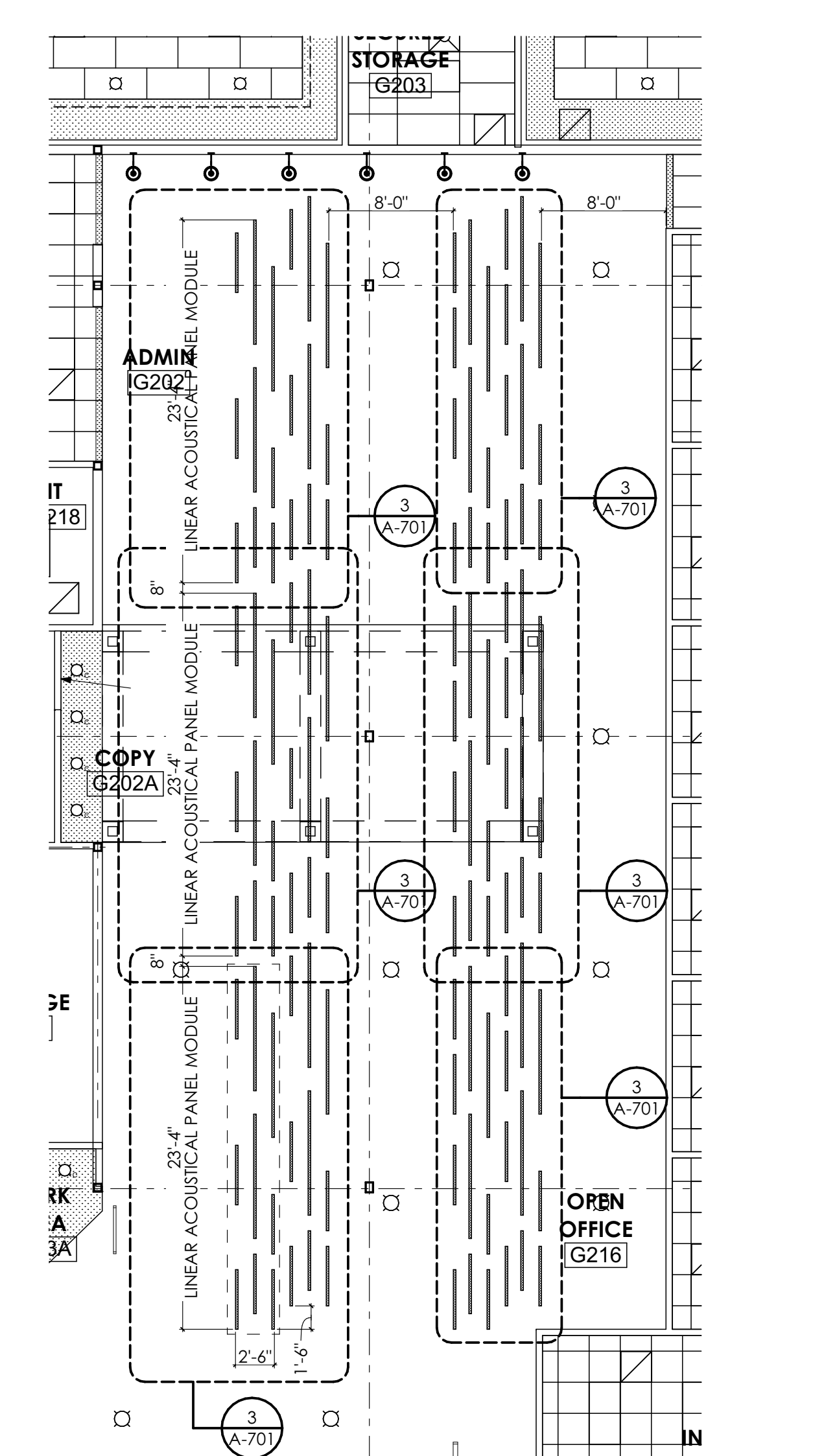
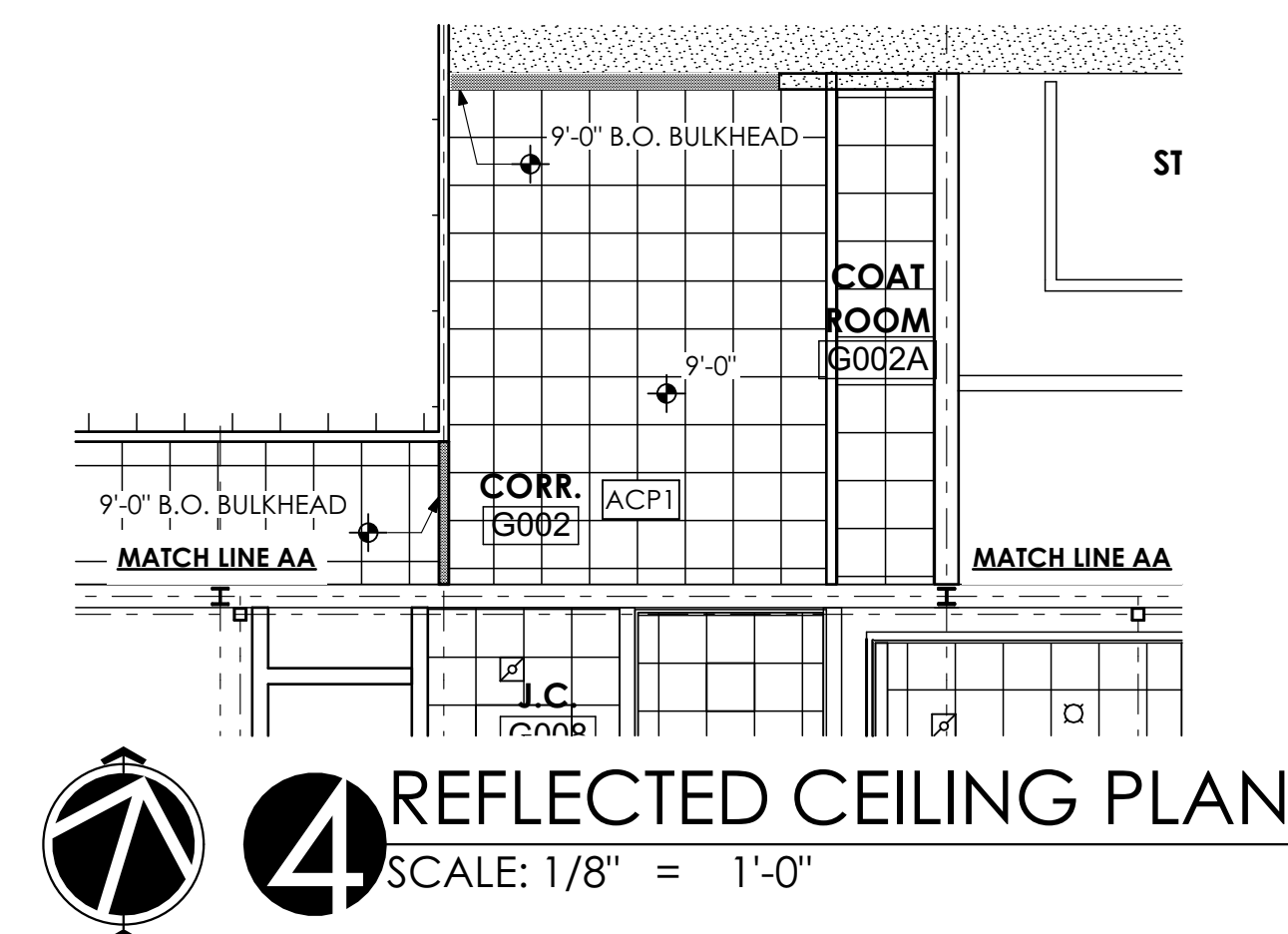
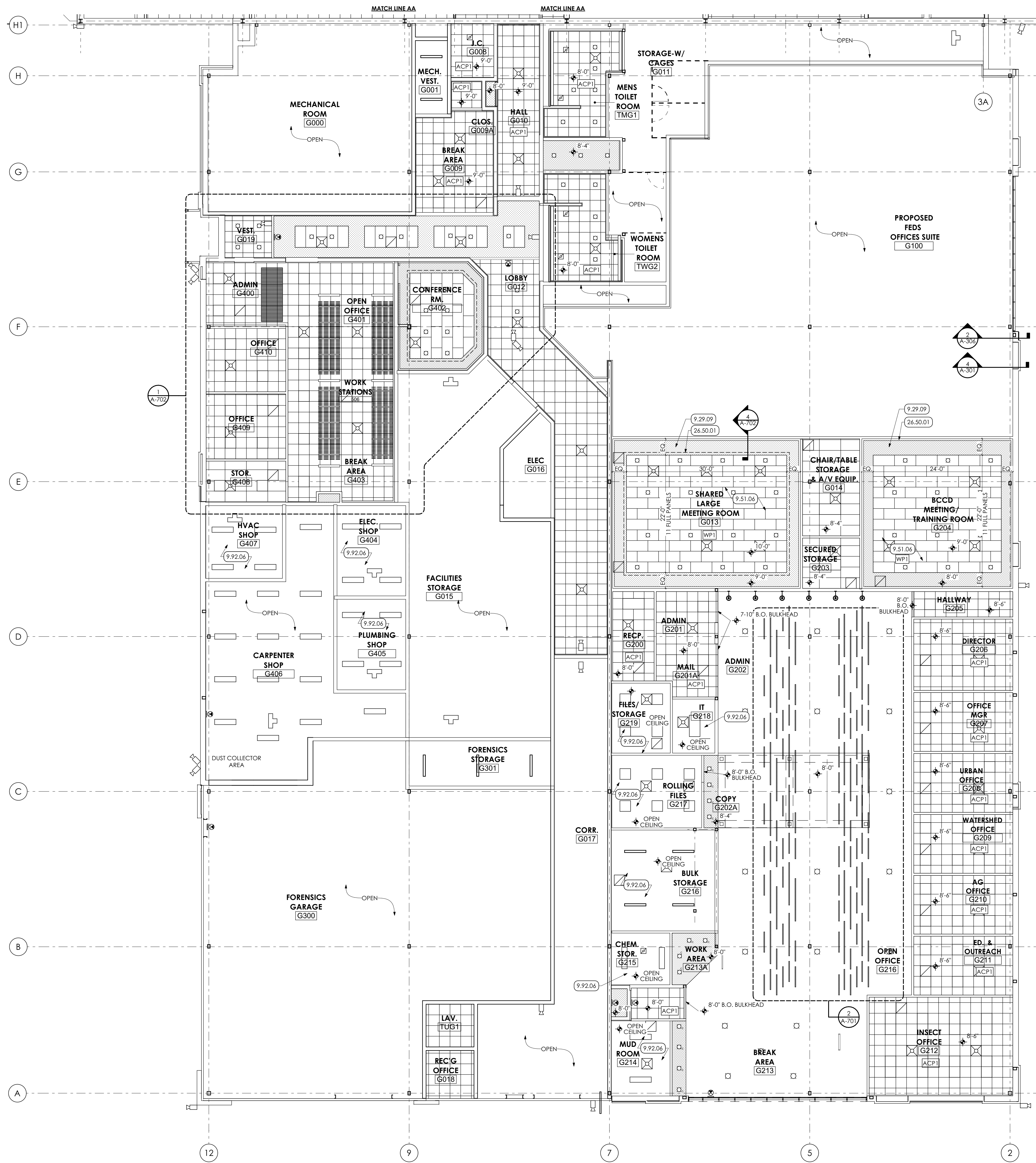


10 STOREFRONT FRAME TYPE | SPEC: 084113
SCALE: 1/4" = 1'-0"

HARDWARE ID	DOORS	LOCK/LATCH FUNCTION	MORTISE (M)/BORED (B)	HARDWARE OUTSIDE	HARDWARE INSIDE	HINGE	ELECTRIC LOCK & POWER TRANSFER	CONTACT POSITION SWITCH	CARD/KEY FOB READER	CLOSER / HOLD-OPEN	STOP/BUMPER	KICK PLATE	GASKET	FLOOR SWEEP	THRESHOLD	ACCESSORIES	NOTES	
1	G008, G013A, G013B, G014, G215, G218, G219	CLASSROOM	M	LEVER	LEVER	1.5 PAIR												
2	G009, G012B, G015A, G015B, G203, G408	CLASSROOM	M	LEVER	LEVER	1.5 PAIR												
3	G002B	RIM TYPE EGRESS	B	LEVER	PANIC BAR	1.5 PAIR				CLOSER			YES					
4	G002C, G012A, G010, G216A	CLASSROOM (ACTIVE)	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES								TOP/BOTTOM LATCH ON INACTIVE LEAF	
5	G017A, G011, G215A	CLASSROOM	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES				YES	YES	ALUM			
6	G017A	RIM TYPE EGRESS	B	LEVER	PANIC BAR	1.5 PAIR	YES	YES	YES									
7	G017C	PRIVACY	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES									
8	G017C	RIM TYPE EGRESS	B	LEVER	PANIC BAR	1.5 PAIR	YES	YES	YES				YES					
9	G002A, G017D, G100B, G100C, G205, G300B, G406D	RIM TYPE EGRESS	B	LEVER	PANIC BAR	1.5 PAIR	YES	YES	YES				YES					
10	G019A, G019B, G216B	PUSH/PULL	B	PULL LEVER	PUSH LEVER	CONT.	YES	YES	YES	CLOSER			YES		ALUM	ASTRAGAL		
11	G100A, G206, G405	PRIVACY	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES									
12	G204, G402, G404, G405, G406A, G406B, G406C, G407	PASSAGE	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES									
13	G206, G207, G208, G209, G210, G211, G212, G409, G410	PUSH/PULL	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES									
14	G300A	CLASSROOM	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES				YES				TOP/BOTTOM LATCH ON INACTIVE SIDE	
15	G300A	PUSH/PULL	B	PULL	PANIC BAR	CONT.	YES	YES	YES	CLOSER			YES		ALUM			
16	G300A	CLASSROOM	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES				YES					
17	G301	CLASSROOM	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES				YES					
18	G300C																	OVERHEAD DOOR MFG. STD.
19	G403	BI-FOLD		LEVER	LEVER	1.5 PAIR												STANDARD BI-FOLD
20	G012C, G200A, G406C	PASSAGE	M	LEVER	LEVER	1.5 PAIR	YES	YES	YES									
21	TWG1, TWG1	PUSH/PULL	M	PUSH LEVER	PULL LEVER	1.5 PAIR												
22	TUG1	PRIVACY	M	LEVER	LEVER	1.5 PAIR							YES			MARBLE		

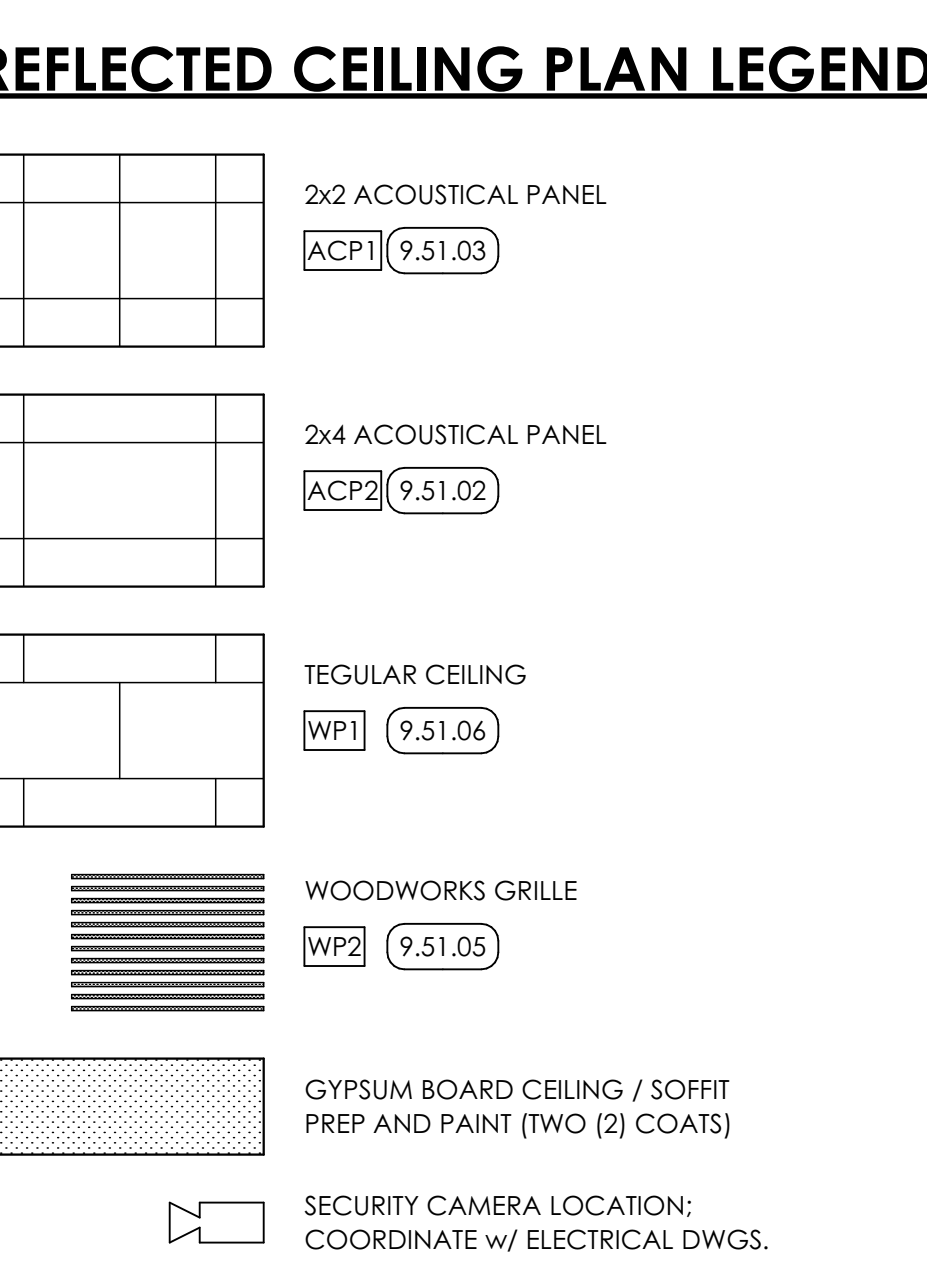
- GENERAL HARDWARE NOTES**
- PROVIDE FRAME SILENCER INSERTS AT ALL HOLLOW METAL DOOR FRAMES NOT INDICATED FOR FULL GASKET
 - US32D FINISH EQUIVALENT TO BINA FINISH 630 - SATIN STAINLESS STEEL
 - "LDW" KICKPLATE INDICATES WIDTH TO BE 2" LESS THAN HOST DOOR WIDTH
 - ALL HINGES AT INTERIOR DOORS TO BE PLATED STEEL, EXTERIOR DOOR HINGES TO BE STAINLESS STEEL
 - STOREFRONT DOOR HARDWARE TO MATCH STOREFRONT FINISH
 - PROVIDE TRANSITION STRIPS AT ALL DOOR LOCATIONS WHERE FLOOR FINISH CHANGES; SIZE TO ACCEPT ADJACENT FINISHES
 - ALL HANDLE-INTEGRATED LOCK FUNCTIONS TO BE ADA-COMPLIANT PUSH-BUTTON
 - ALL CYLINDERS AND PERMANENT CORES TO BE SARGENT.
 - CARD ACCESS DOOR OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY BY VALID CARD CREDENTIAL OR KEY OVERRIDE.
 - FREE EGRESS FROM DIRECTION OF TRAVEL AT ALL TIMES

ID	ROOM NAME	PANEL			FRAME			HARDWARE			NOTES
		EL	MATL	SIZE	EL	MATL	DETAIL	SET NO	FIRE RTG.		
G002A	CORR.	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	9		CARD ACCESS
G002B	CORR.	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	3	90 MINS	CARD ACCESS
G002C	CORR.	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	4	90 MINS	CARD ACCESS
G008	J.C.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	1		
G009	BREAK AREA	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/2	A601/2	2		
G010	HALL	PA	SC/W/D	2'-0" 3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	4		CARD ACCESS
G011	STORAGE W/ CAGES	PA	HM	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	5		CARD ACCESS
G012A	LOBBY	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	4		CARD ACCESS
G012B	LOBBY	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	2		CARD ACCESS
G012C	LOBBY	PA	SC/W/D	3'-0" 7'-0" 2 3/4"	F2	HM	A601/3	A601/3	20		
G013A	SHARED LARGE MEETING ROOM	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/9	A601/9	1		
G013B	SHARED LARGE MEETING ROOM	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/9	A601/9	1		
G014	CHAIR/TABLE STOR. AV EQUIP	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/2	A601/2	1		
G015A	FACILITIES STORAGE	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	2		CARD ACCESS
G015B	FACILITIES STORAGE	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	2	45MINS	CARD ACCESS
G017A	CORR.	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	5	45MINS	CARD ACCESS
G017B	CORR.	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	16	45MINS	CARD ACCESS
G017C	CORR.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	8	45MINS	CARD ACCESS
G017D	CORR.	PA	HM	3'-0" 7'-0" 1 3/4"	F2	HM	A601/4	A601/4	9		CARD ACCESS: REVERSE DOOR SWING IN EXISTING OPENING
G019A	VEST.	SFA	AL/GL	(2)3'-0" 7'-0" 1 3/4"	SF1	AL/GL	A601/5	A601/5	10		CARD ACCESS
G019B	VEST.	SFA	AL/GL	(2)3'-0" 7'-0" 1 3/4"	SF1	AL/GL	A601/6	A601/6	10		CARD ACCESS
G100A	PROPOSED FED OFFICE SUITE	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/1	A601/1	11		CARD ACCESS
G100B	PROPOSED FED OFFICE SUITE	PA	HM	3'-0" 7'-0" 1 3/4"	F2	HM	A601/11	A601/11	TH1	9	CARD ACCESS
G100C	PROPOSED FED OFFICE SUITE	PA	HM	3'-0" 7'-0" 1 3/4"	F2	HM	A601/11	A601/11	TH1	9	CARD ACCESS
G200A	RECP.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/2	A601/2	20		CARD ACCESS
G200B	RECP.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/2	A601/2	11		CARD ACCESS
G203	SECURED STORAGE	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F1	HM	A601/2	A601/2	2		
G204	SECURED MEETING/ TRAINING ROOM	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/2	A601/2	12		
G205	HALLWAY	PA	HM	3'-0" 7'-0" 1 3/4"	F2	HM	A601/11	A601/11	9		
G206	DIRECTOR	SFB	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	TH1	13	CARD ACCESS
G207	OFFICE MGR.	SFB	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		
G208	URBAN OFFICE	SFB	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		
G209	WATERSHED	SFB	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		
G210	AG OFFICE	SFB	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		
G211	ED. & OUT REACH	SFB	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		
G212	INSECT OFFICE	SFA	AL/GL	3'-0" 7'-0" 1 3/4"	SF2	AL/GL	A601/5	A601/5	13		
G215	CHEM. STOR.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/2	A601/2	1		
G216A	BULK STORAGE	PA	SC/W/D	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	4	45MINS	CARD ACCESS
G216B	BREAK AREA	PA	SFB	3'-0" 7'-0" 1 3/4"	CW2	AL/GL	MANUF. STD.	TH1	10		CARD ACCESS
G218	IT	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/2	A601/2	1		
G219	FILES/ STORAGE	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/2	A601/2	1		
G300A	FORENSICS GARAGE	PA	HM	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	16	45MINS	CARD ACCESS
G300B	FORENSICS GARAGE	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/4	A601/4	TH1	9	CARD ACCESS
G300C	FORENSICS GARAGE	OHI	STL	12'-0" 14'-0" 2"			EXISTINGS		18		INSTALL DOOR ON EXISTING FRAME/TRACK
G301	FORENSICS STORAGE	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	17		CARD ACCESS
G400	ADMIN	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F3	HM	A601/9	A601/9	11		CARD ACCESS
G402	CONFERENCE RM.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	12		
G403	BREAK AREA	PC	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/13	A601/13	19		
G404	ELEC. SHOP	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	12		
G405	PLUMBING SHOP	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	12		
G406A	CARPENTER SHOP	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/1	A601/1	12		
G406B	CARPENTER SHOP	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	12		
G406C	CARPENTER SHOP	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	20		CARD ACCESS
G406D	CARPENTER SHOP	PA	HM	(2)3'-0" 7'-0" 1 3/4"	F1	HM	A601/8	A601/8	TH1	9	CARD ACCESS
G407	HVAC SHOP	PA	HM	3'-0" 7'-0" 1 3/4"	F1	HM	A601/3	A601/3	12		
G408	STOR.	PA	SC/W/D	3'-0" 7'-0" 1 3/4"	F2	HM	A601/2	A601/2	2		
G409	OFFICE	B	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		
G410	OFFICE	B	AL/GL	3'-0" 7'-0" 1 3/4"	SF3	AL/GL	A601/5	A601/5	13		</



- KEY NOTES**
- 01 GENERAL CONSTRUCTION**
GENERAL CONSTRUCTION NOTE
G.C. TO PROVIDE TWO (2) 8'-0" WIDE CHAIN LINK FENCE GATES WITH PADLOCK.
 - 09 FINISHES**
GYPSUM BOARD | SPEC 092900
5/8" GYPSUM BOARD SOFFIT, PAINTED
 - 9.51 ACOUSTIC CEILINGS | SPEC 095100**
9.51.02 ACP-1 24" x 48" ACOUSTICAL CEILING PANEL AND METAL SUSPENSION GRID SYSTEM.
9.51.03 ACP-2 24" x 24" ACOUSTICAL CEILING PANEL AND METAL SUSPENSION GRID SYSTEM.
9.51.05 WP-2 SUSPENDED WOOD SLAT CEILING.
9.51.06 WP-1 SUSPENDED WOOD PANEL CEILING.
 - 9.92 INTERIOR PAINTING | SPEC 099123**
9.92.06 PREP, PRIME, AND PAINT (TWO (2) COATS) UNDERSIDE OF CONCRETE PLANK MEZZANINE.
 - 26 ELECTRICAL | BY E.C.**
26 WORK DESCRIBED IN THESE KEYNOTES IS THE RESPONSIBILITY OF THE E.C. UNLESS NOTED OTHERWISE. COORDINATE WITH ELECTRICAL DRAWINGS.
 - 26.50 LIGHTING**
26.50.01 LINEAR SOFFIT COVE LIGHTING.
 - 32 EXTERIOR IMPROVEMENTS**
32.20 SITEMARK
32.20.01 EXCAVATE FOR CONSTRUCTION STAGING AREA. PROVIDE MINIMUM 8" OF AASHTO #2A STONE.
32.92 TURF AND GRASSES | SPEC 329200
32.92.05 AT THE COMPLETION OF THE WORK, REMOVE STONE AND BACKFILL WITH CLEAN FILL AND SEED ENTIRE AREA. BY G.C.

- REFLECTED CEILING PLAN GENERAL NOTES:**
1. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE FROM FACE OF FINISH SURFACE.
 2. FIXTURES SHALL BE CENTERED WITHIN SOFFITS AND CEILING GRIDS UNLESS NOTED OTHERWISE.
 3. CEILING PANELS TO BE CENTERED IN ROOM UNLESS NOTED OR SHOWN OTHERWISE.
 4. SEE ELECTRICAL DRAWINGS FOR LIGHT TYPES AND SWITCHING.
 5. WHERE THERE IS A DISCREPANCY BETWEEN THE REFLECTED CEILING PLANS AND FIRE PROTECTION, MECHANICAL, FIRE ALARM, AND/OR LIGHTING PLANS THE ENGINEER'S DRAWINGS TAKE PRECEDENT. EXCEPT IF LIGHTING LAYOUTS ARE IMPACTED. IN THAT CASE CONSULT WITH THE ARCHITECT.



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PROJECT #:
22-0012

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BERKS COUNTY AGRICULTURAL CENTER
FACILITY UPGRADES
1238 COUNTY WELFARE ROAD LEESPORT, PA 19533

ISSUED
DATE: ISSUED 3/30/23

ID	DESCRIPTION	DATE

PROJ. MGR.: JIM SARRO
P.M. e-MAIL: JIMS@MG-Architects.com
DRAWN BY: DK, SG, BB, JS
CLIENT PROJ #:

SCALE: 1" = 1'-0"

BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING

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SHEET TITLE:
REFLECTED CEILING PLAN

A-701

1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

3 LINEAR ACOUSTICAL CEILING LAYOUT
SCALE: 1/4" = 1'-0"



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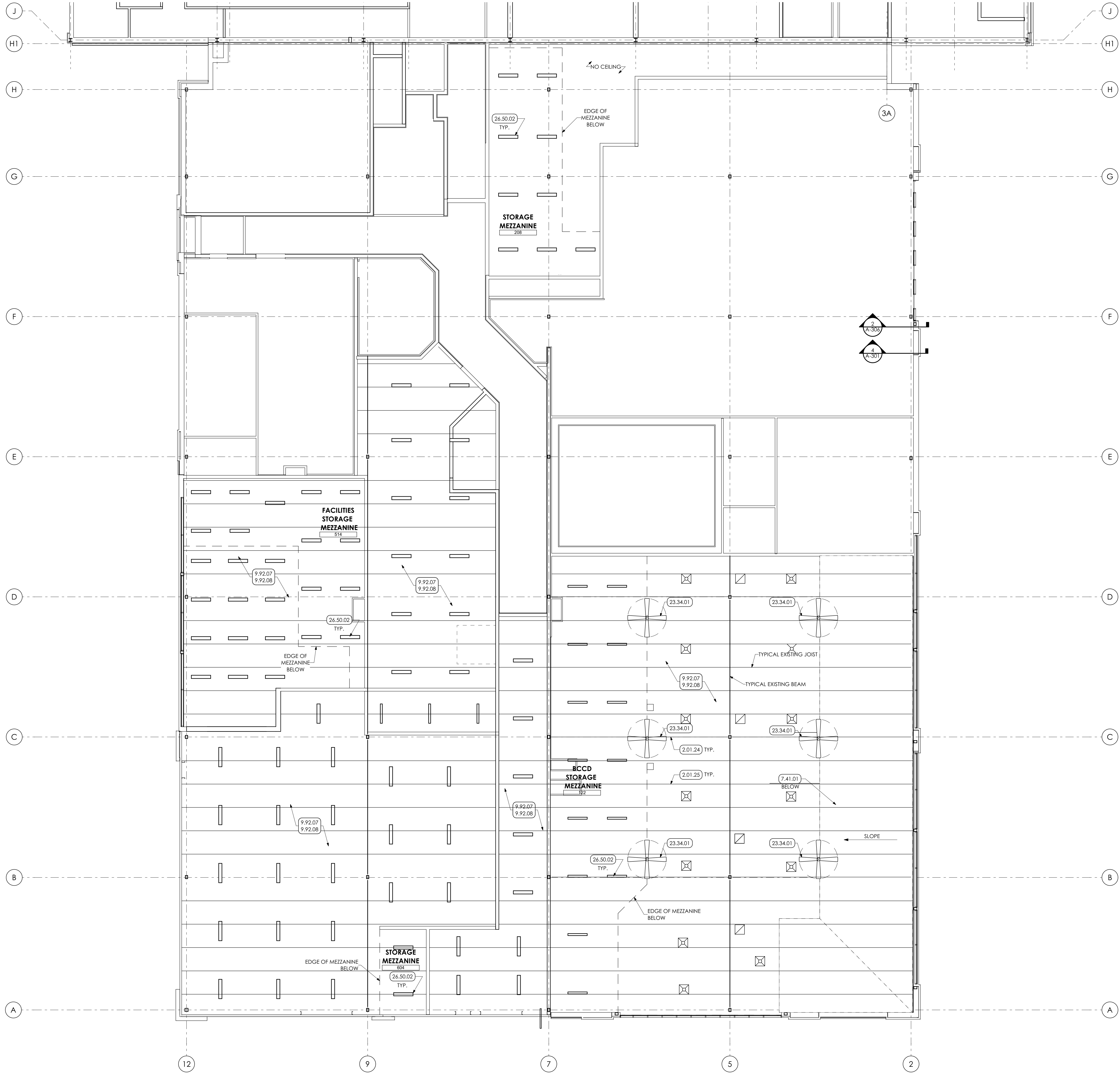
SHEET TITLE:
MEZZANINE REFLECTED CEILING PLAN

A-703

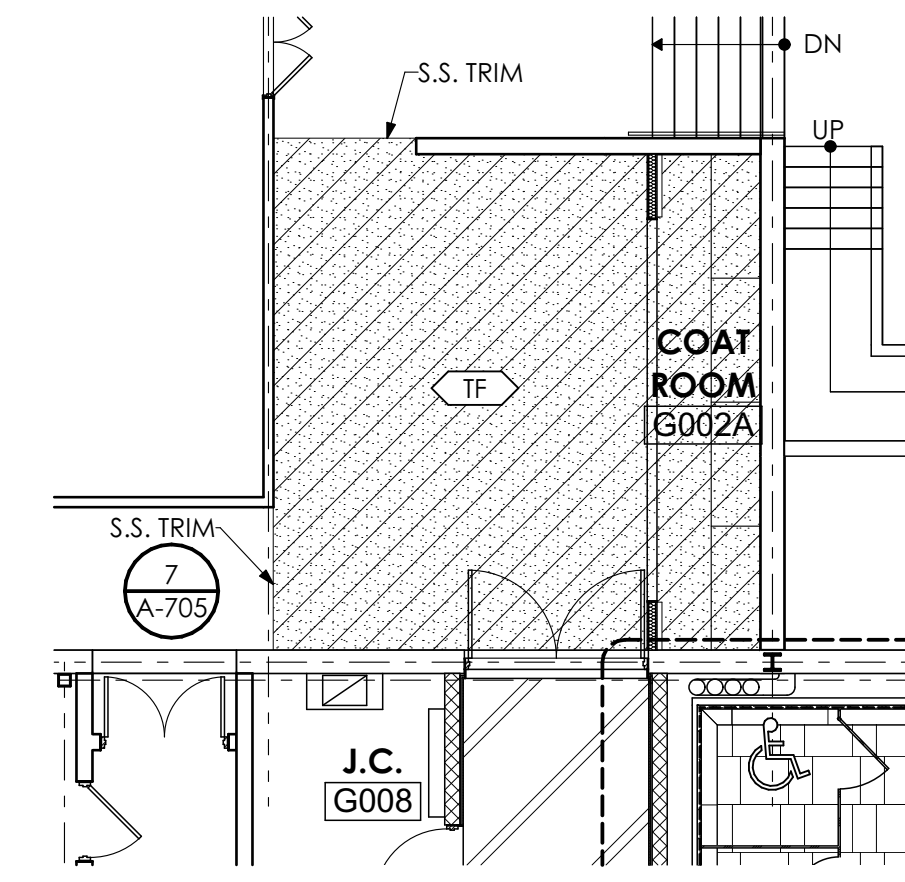
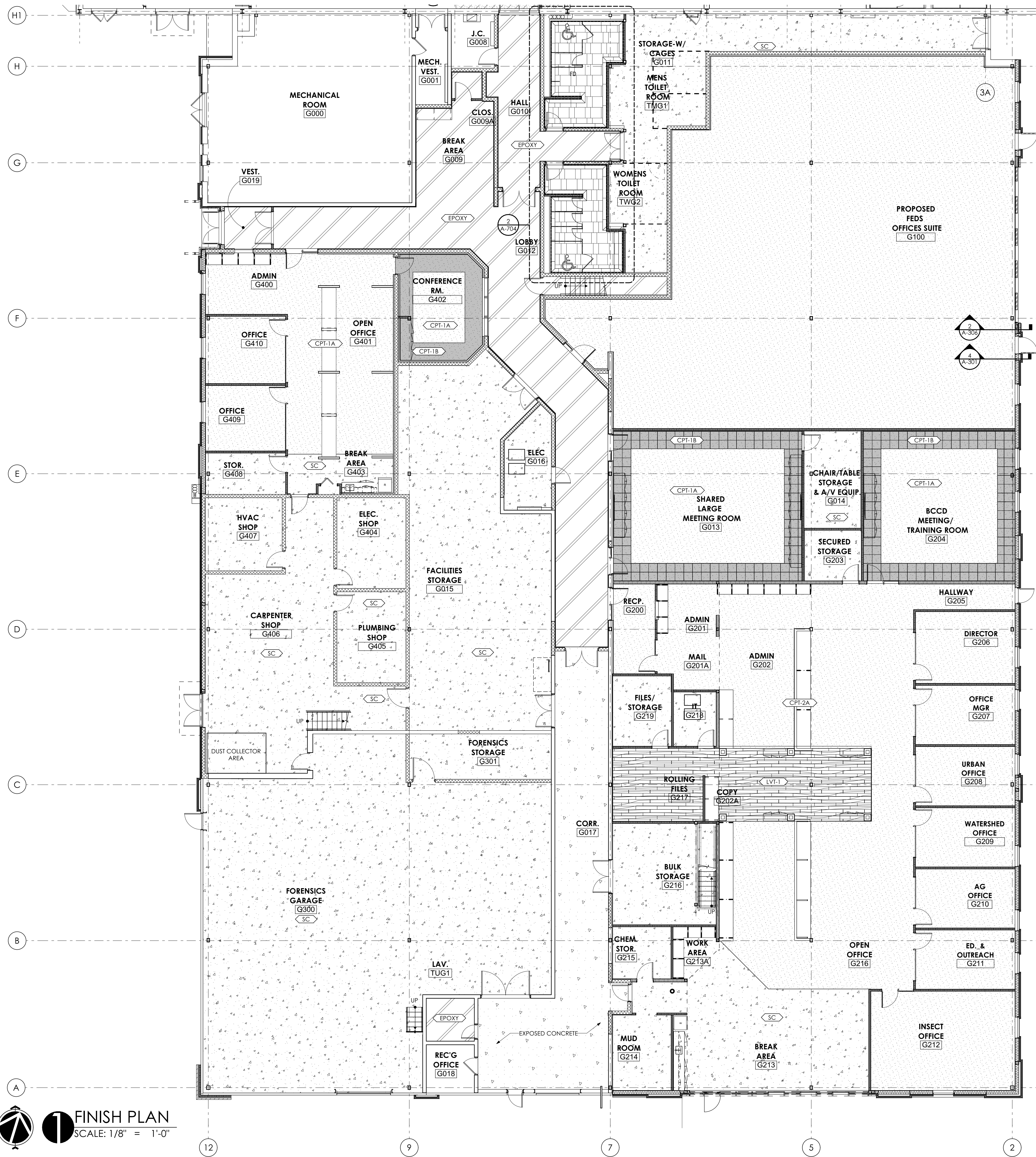
- KEY NOTES**
- 02 DEMOLITION**
 - 2.01 EXISTING CONDITIONS**
2.01.24 EXISTING BEAM TO REMAIN.
2.01.25 EXISTING JOIST TO REMAIN.
 - 07 THERMAL AND MOISTURE PROTECTION**
 - 7.41 METAL ROOF PANELS | SPEC 074113**
7.41.01 STANDING SEAM METAL ROOF PANEL.
 - 09 FINISHES**
 - 9.92 INTERIOR PAINTING | SPEC 099123**
9.92.07 IN AREA OF OPEN CEILING, PREP AND PAINT (PRIMER AND TWO (2) COATS) UNDERSIDE OF ROOF DECK WITH DRYFALL PAINT. PAINT ENTIRE DECK, INCLUDING ALL EXPOSED CONDUIT, BY GC.
9.92.08 PREP AND PAINT (PRIMER AND TWO (2) COATS) ENTIRE STRUCTURE, INCLUDING ALL STEEL JOISTS / BEAMS, EXPOSED ANCHORS, EXPOSED COLUMNS, AND ACCESSORIES WITH DRYFALL PAINT, BY GC.
 - 23 HVAC | BY H.C.**
23 WORK DESCRIBED IN THESE KEYNOTES IS THE RESPONSIBILITY OF THE H.C. UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL DRAWING.
 - 23.34 HVAC FANS**
23.34.01 DECK MOUNTED CEILING FAN.
 - 26 ELECTRICAL | BY E.C.**
26 WORK DESCRIBED IN THESE KEYNOTES IS THE RESPONSIBILITY OF THE E.C. UNLESS NOTED OTHERWISE. COORDINATE WITH ELECTRICAL DRAWING.
 - 26.50 LIGHTING**
26.50.02 HIGH BAY LIGHT FIXTURE.

REFLECTED CEILING PLAN LEGEND

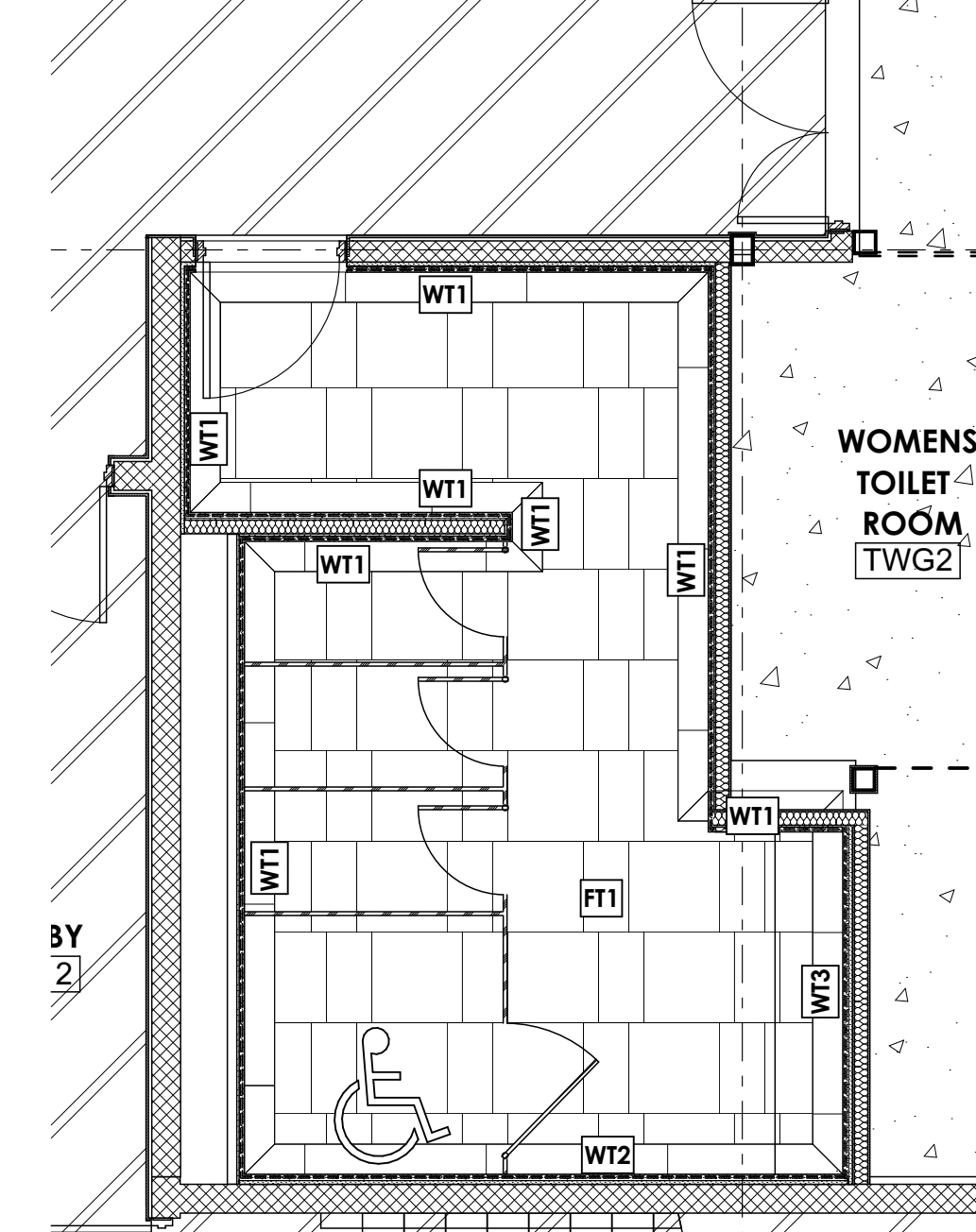
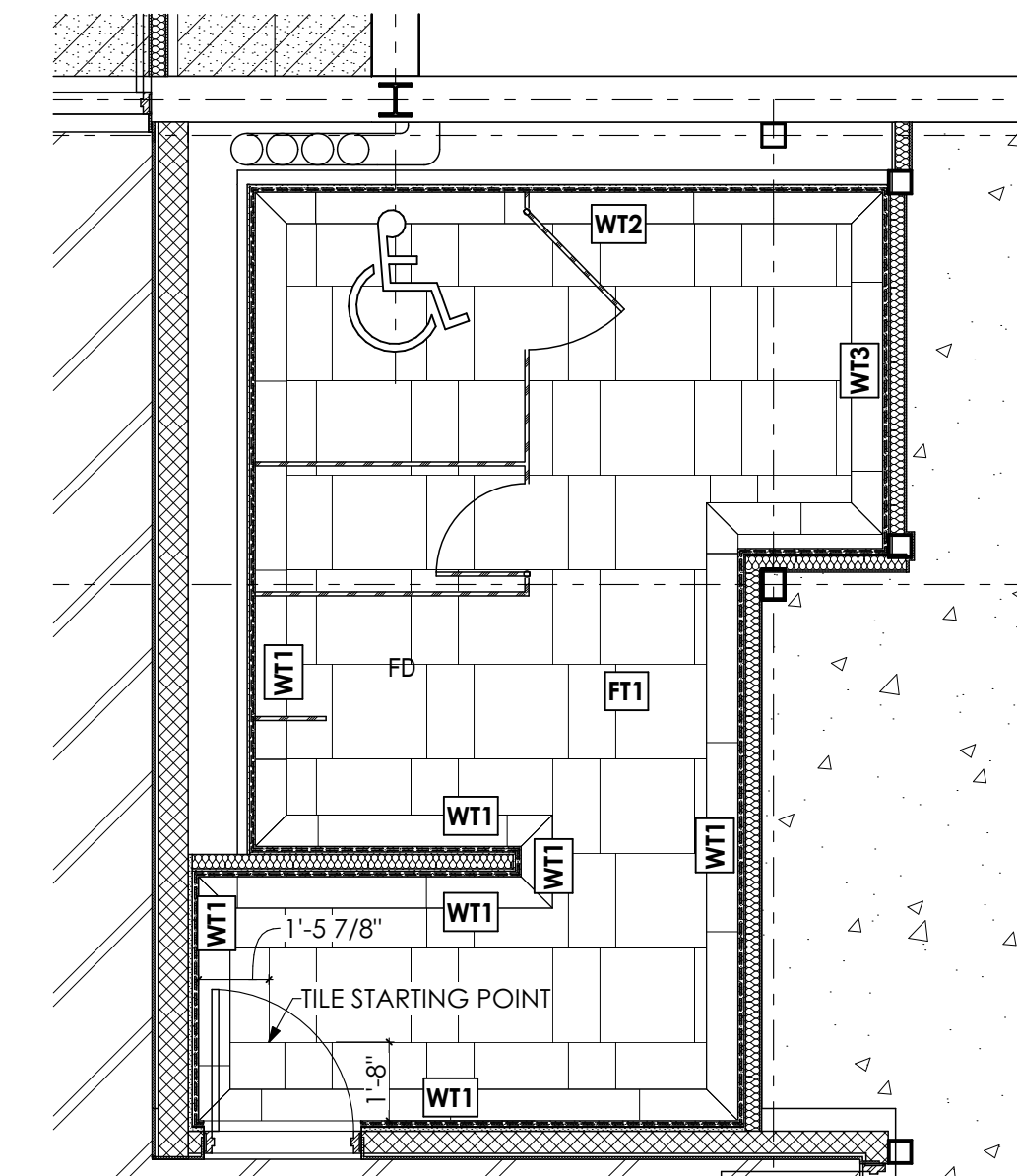
- 2x2 ACOUSTICAL PANEL
ACP1 (9.51.03)
- 2x4 ACOUSTICAL PANEL
ACP2 (9.51.02)
- TEGULAR CEILING
WP1 (9.51.06)
- WOODWORKS GRILLE
WP2 (9.51.05)
- GYPSUM BOARD CEILING / SOFFIT
PREP AND PAINT (TWO (2) COATS)
- SECURITY CAMERA LOCATION:
COORDINATE W/ ELECTRICAL DWGS.
- DIFFUSER, REGISTERS, AND GRILLES.
- BY H.C. COORDINATE W/
MECHANICAL DRAWINGS
- HEATERS. COORDINATE W/
MECHANICAL DRAWINGS



MEZZANINE REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



3 LOBBY FINISH PLAN
SCALE: 1/8" = 1'-0"



ENLARGED TOILET RM. FINISH PLAN
SCALE: 1/4" = 1'-0"

FINISH PLAN LEGEND

- CARPET
- CARPET ACCENT / BORDER
- EPOXY FLOOR FINISH
- SEAL CONCRETE
- LVT FLOORING
- TERRAZZO FLOORING
- WT1 WALL TILE PATTERN ID
- FT1 FLOOR TILE PATTERN ID

GENERAL SHEET NOTES

1. REFER TO SHEET A-705 FOR SCHEDULES AND DETAILS.

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

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22-0012

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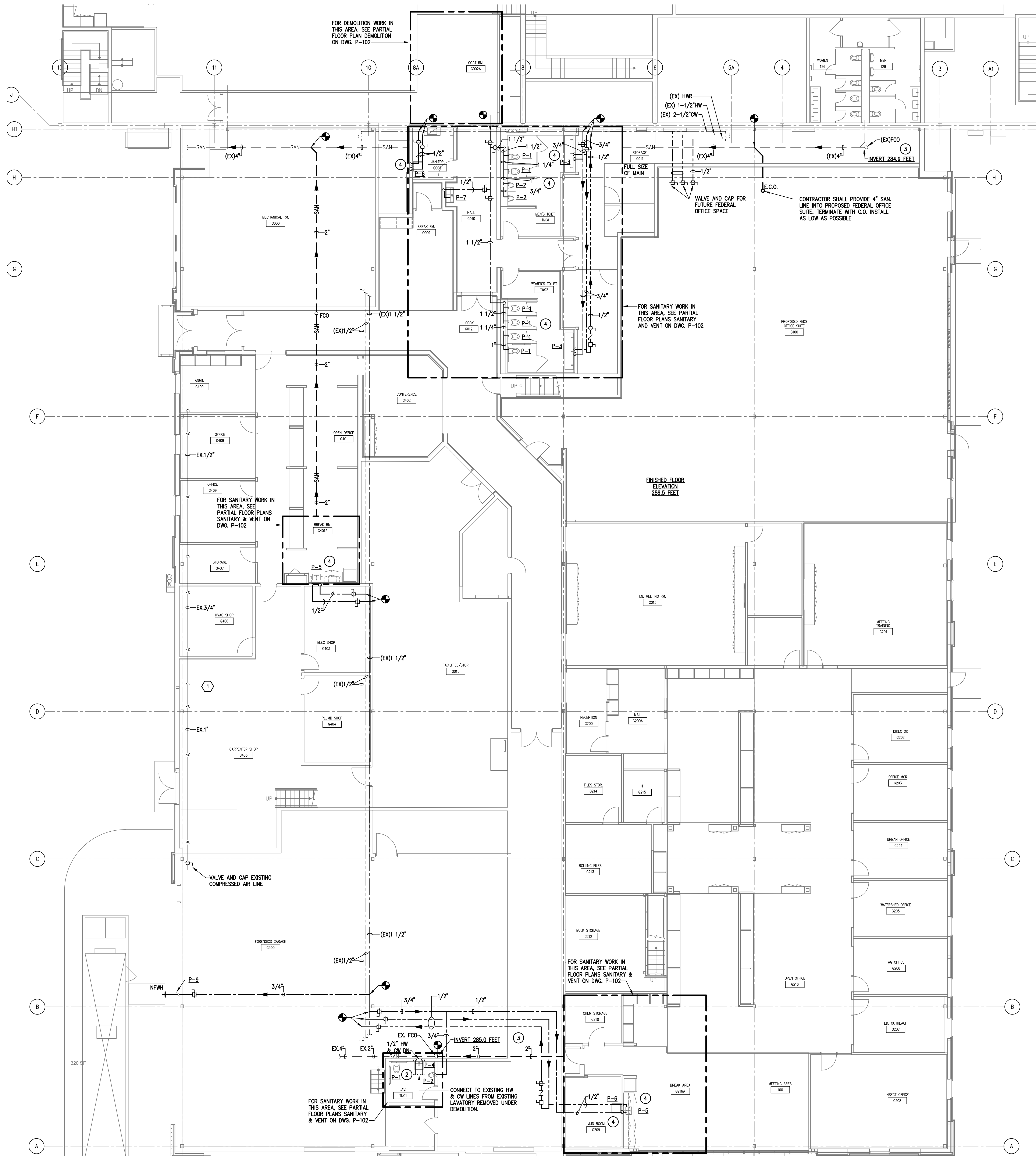
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GRAPHIC SCALE
1" = 1'-0"
BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING

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SHEET TITLE:
FINISH PLAN

A-704



FLOOR PLAN — PLUMBING

SCALE 1/8" = 1'-0"

DEMOLITION NOTES

- 1 CONTRACTOR SHALL REMOVE EXISTING COMPRESSED AIR LINE, DROPS AND HOSE CONNECTIONS EXCEPT FOR THOSE IN FORENSIC GARAGE 300. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING COMPRESSED AIR LINE AND NUMBER OF DROPS TO BE REMOVED. CONTRACTOR SHALL MAKE NO CLAIMS FOR ADDITIONAL COMPENSATION FAILURE TO VERIFY LOCATION AND SIZE.

NEW WORK DRAWING NOTES

- 1 EXISTING COLD WATER, HOT WATER, HOT WATER RETURN AND SANITARY LINES SHALL REMAIN. EXISTING SIZES AND LOCATION WERE OBTAINED FROM EXISTING DRAWINGS. CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZES PRIOR TO BID. CONTRACTOR SHALL MAKE NO CLAIMS FOR ADDITIONAL COMPENSATION FAILURE TO VERIFY LOCATION AND SIZE.
- 2 CONTRACTOR SHALL REMOVE EXISTING WATER CLOSET AND INSTALL NEW WATER CLOSET. SEE ARCHITECTURAL DRAWINGS FOR LOCATION. PROVIDE OFFSET FLANGE AS REQUIRED. EXISTING LAVATORY SHALL BE REMOVED. EXISTING HOT AND COLD WATER PIPES SHALL BE REMOVED TO ABOVE CEILING AND EXTENDED AND CONNECTED TO NEW LAVATORY. CONTRACTOR SHALL PROVIDE NEW 3/4" COLD WATER LINE TO NEW URINAL. ANY UNUSED HOT OR COLD WATER PIPES SHALL BE REMOVED AND CAPPED AS CLOSE TO MAINS AS POSSIBLE. ALL UNUSED ABOVE GROUND SANITARY AND VENT LINES SHALL BE REMOVED. ALL UNUSED SANITARY LINES BELOW GROUND, SHALL BE ABANDONED PER AUTHORITY HAVING JURISDICTION.
- 3 EXISTING INVERTS ARE TAKEN FROM EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY PRIOR TO START OF WORK.
- 4 FOR INDIVIDUAL HOT AND COLD WATER CONNECTIONS, SEE PLUMBING FIXTURE SCHEDULE ON DRAWING P-101.



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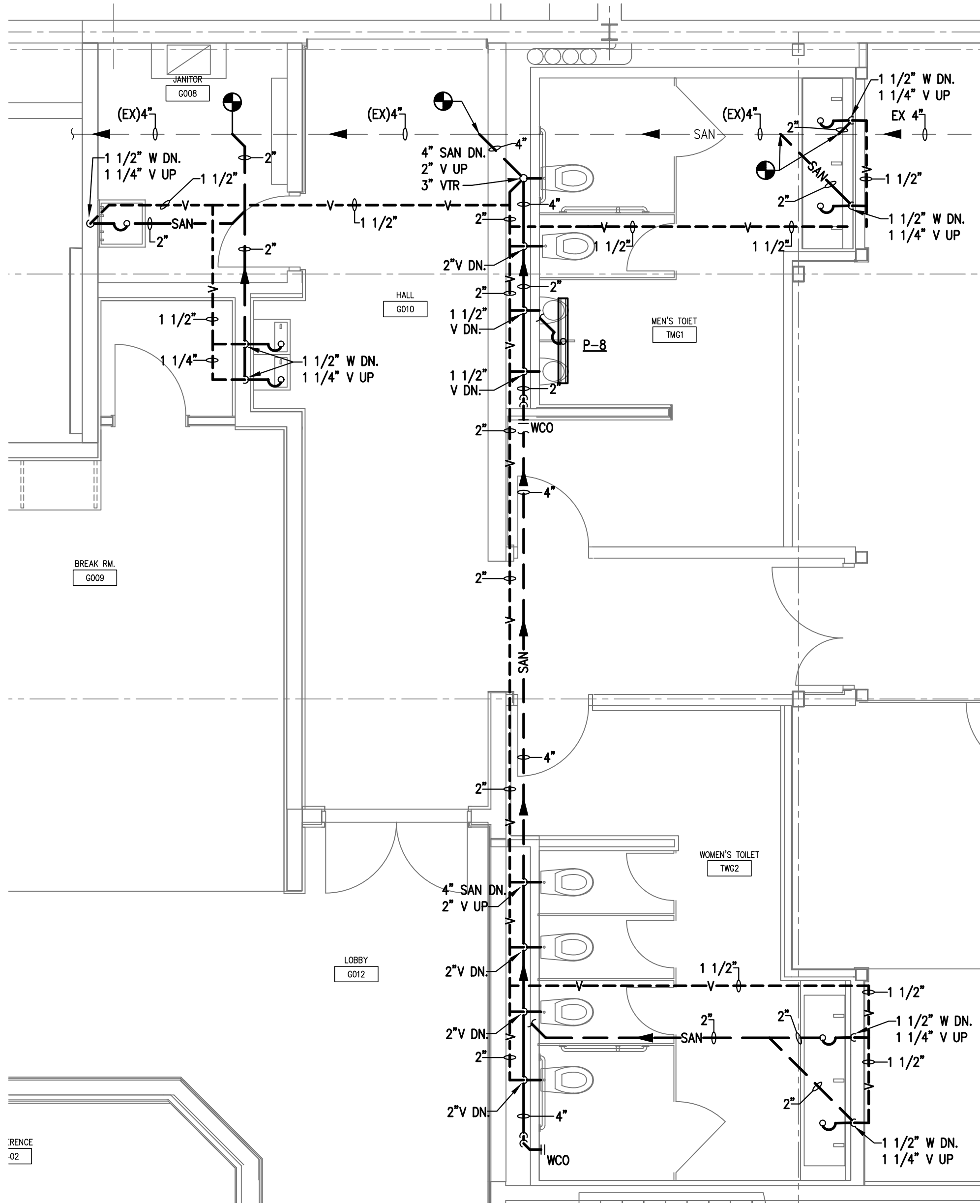
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SHEET TITLE:
**FLOOR PLAN
PLUMBING**

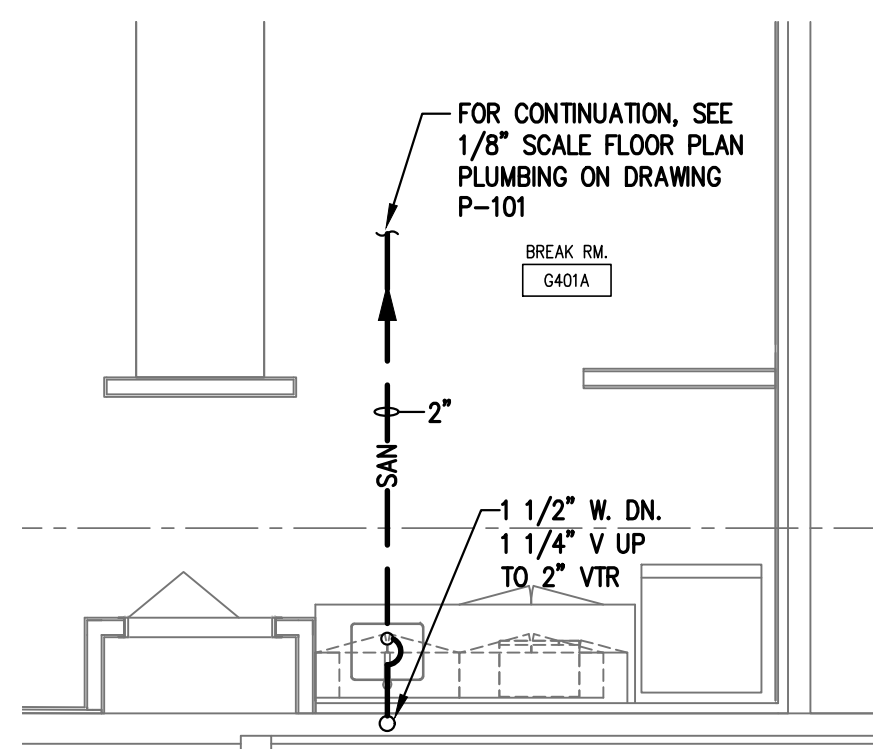
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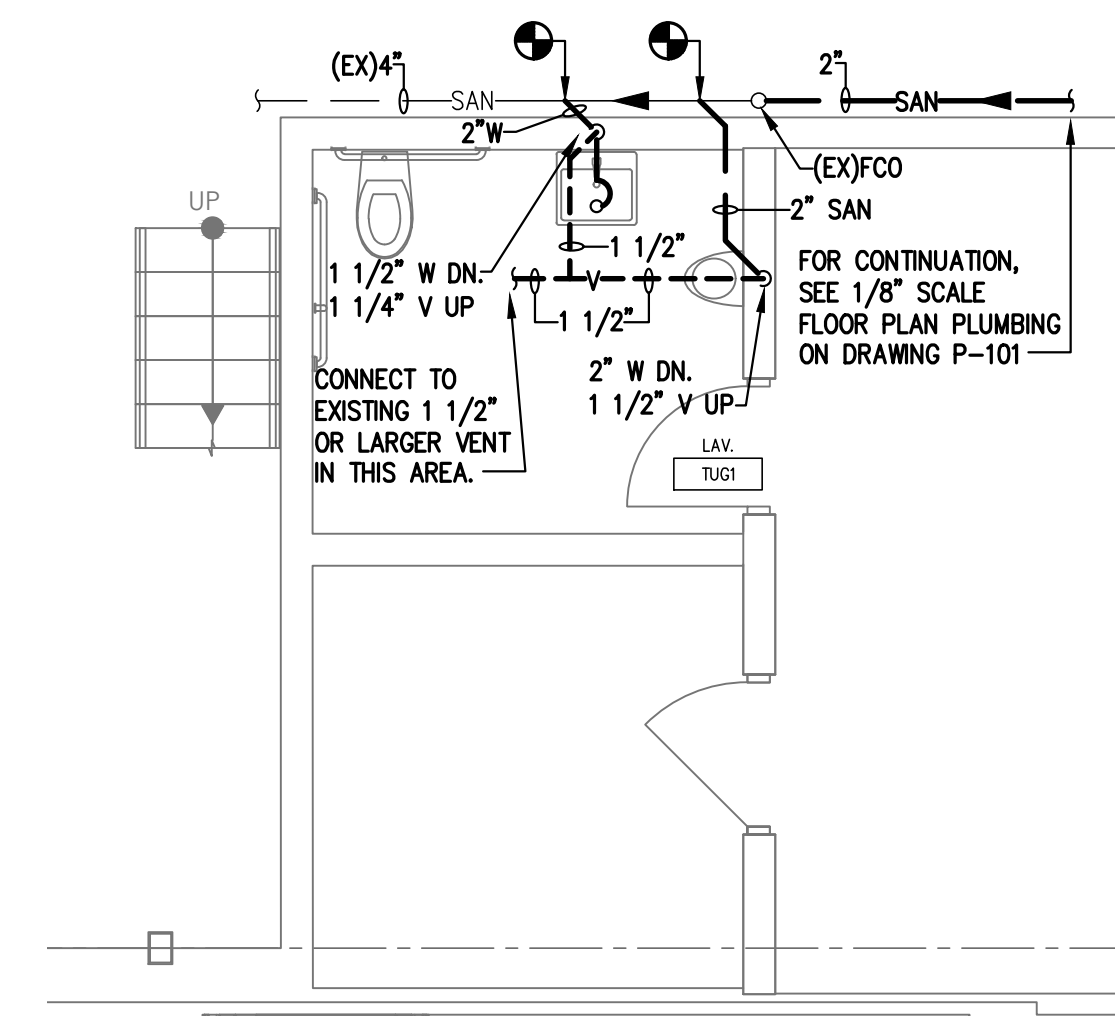
PARTIAL FLOOR PLAN – SANITARY & VENT

SCALE 1/4" = 1'-0"



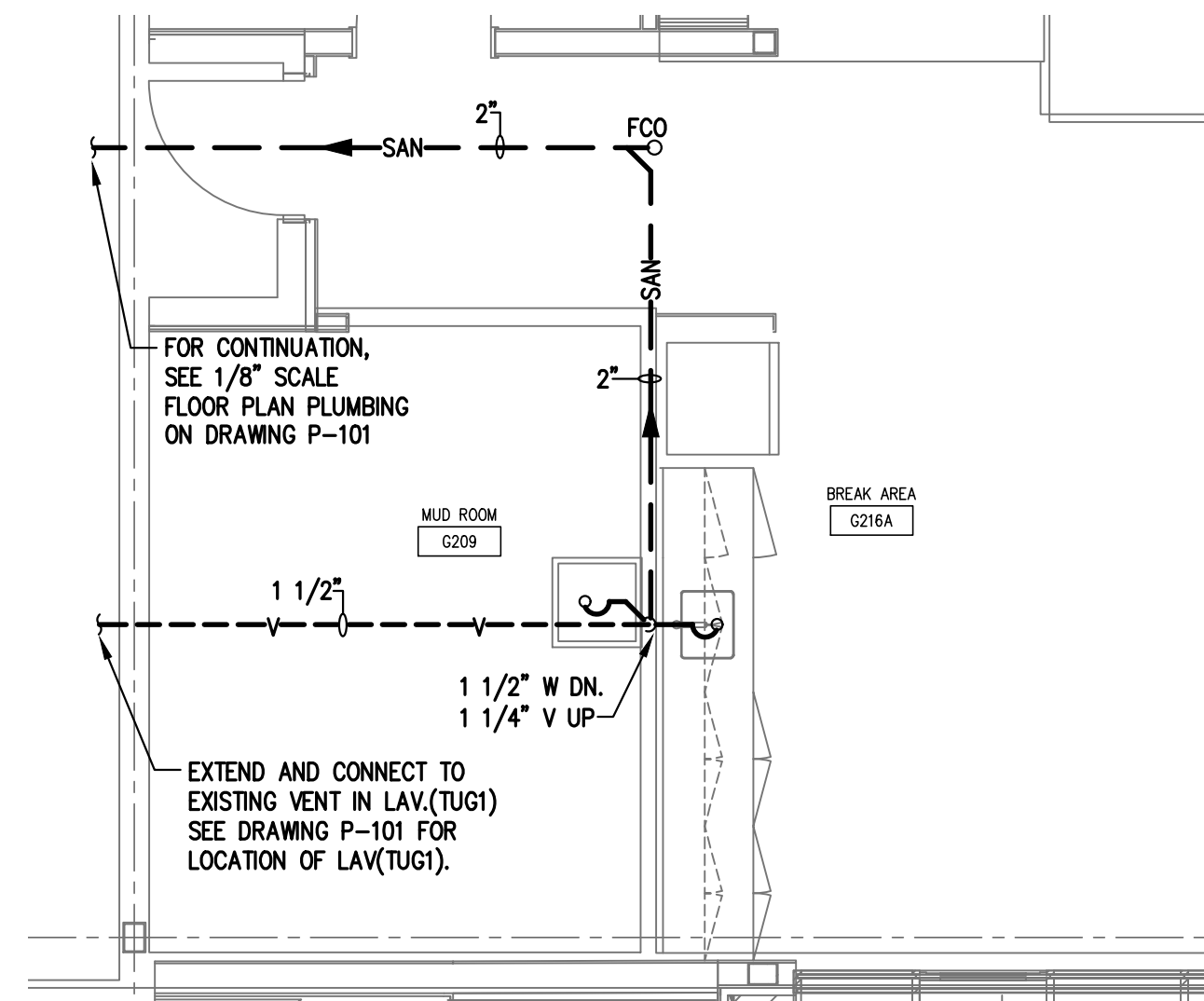
**PARTIAL FLOOR PLAN
SANITARY & VENT**

SCALE 1/4" = 1'-0"



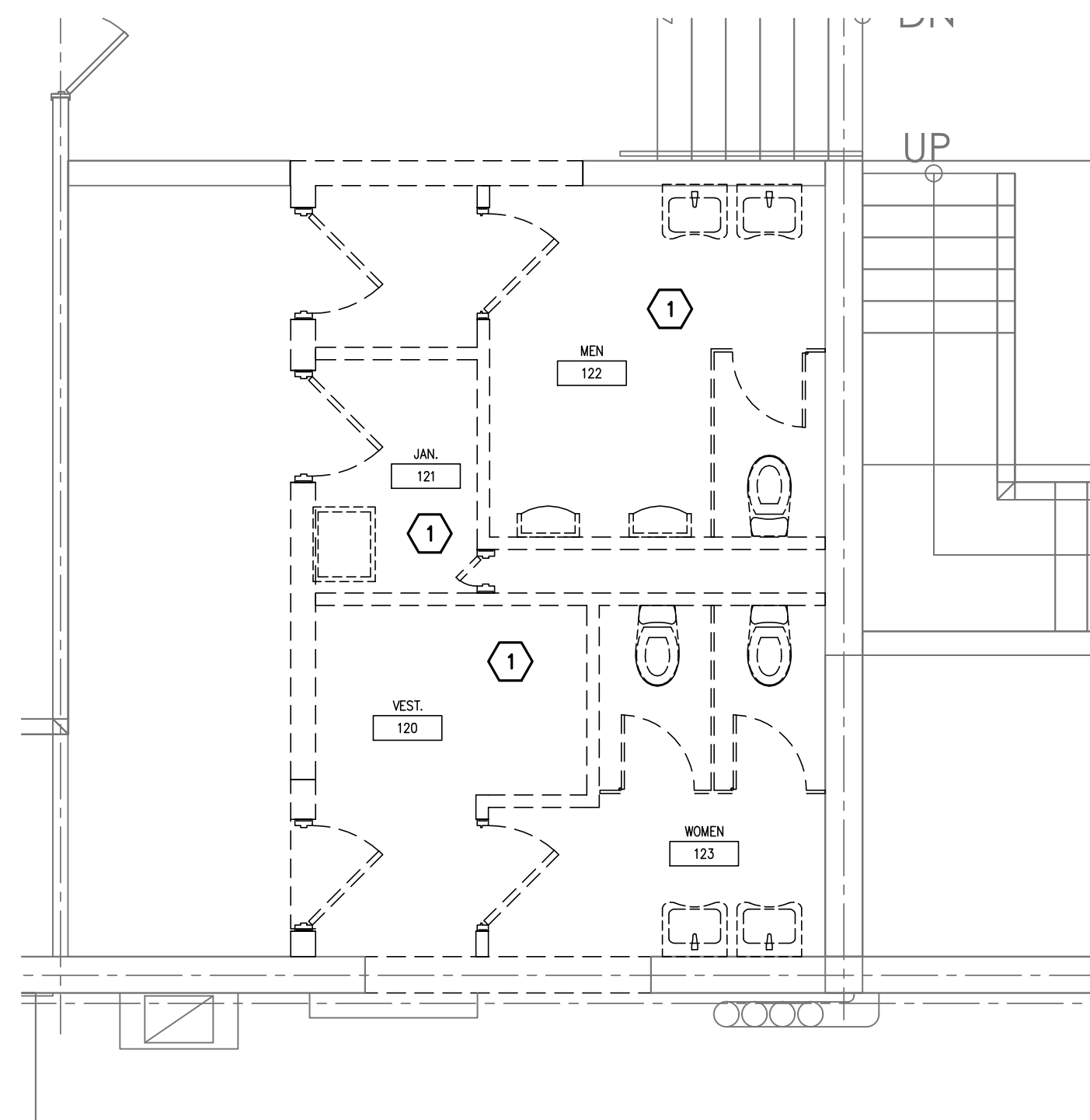
**PARTIAL FLOOR PLAN
SANITARY & VENT**

SCALE 1/4" = 1'-0"



**PARTIAL FLOOR PLAN
SANITARY & VENT**

SCALE 1/4" = 1'-0"



**PARTIAL FLOOR PLAN
DEMOLITION**

SCALE 1/4" = 1'-0"

GENERAL PLUMBING NOTES

A. GENERAL PLUMBING NOTES

1. PROVIDE ALL LABOR AND MATERIALS NEEDED FOR A COMPLETE AND PROPER OPERATIONAL PLUMBING SYSTEM.
2. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF WORK TO BE PERFORMED. THE DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS OR TO SHOW EVERY PIPE, FITTING, VALVE OR APPURTENANCE REQUIRED FOR A COMPLETE INSTALLATION. DO NOT SCALE LOCATION DIMENSIONS FROM THESE DRAWINGS.
3. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL EXISTING CONDITIONS AND DIMENSIONS AND FOR COORDINATION OF HIS WORK WITH THAT OF OTHER TRADES. PERFORM WORK IN AN ORDERLY MANNER AND WITH THE LEAST POSSIBLE INTERFERENCE.
4. WORK SHALL CONFORM TO OR MEET THE REQUIREMENTS OF THE MOST CURRENT ENFORCED EDITION OF:
 - A. INTERNATIONAL BUILDING CODE
 - B. INTERNATIONAL PLUMBING CODE
 - C. NEC (NFPA 70)
 - D. ALL FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES.
5. ALL MATERIALS, EQUIPMENT, AND DEVICES SHALL AS A MINIMUM MEET THE REQUIREMENTS OF UL WHERE UL REQUIREMENTS ARE ESTABLISHED FOR THOSE ITEMS. ALL ITEMS SHALL BE CLASSIFIED BY UL AS SUITABLE FOR THE PURPOSE USED.
6. WHERE PIPES OR CONDUIT PENETRATE FIRE RATED OR SMOKE RATED BARRIERS (WALLS, FLOORS, AND CEILINGS), SEAL PENETRATIONS IN ACCORDANCE WITH NFPA 90A WITH UL LISTED FIRE STOPPING SYSTEM.
7. ALL EQUIPMENT AND MATERIALS INCORPORATED IN THIS WORK SHALL BE NEW UNLESS NOTED OTHERWISE AND SHALL BE CURRENT PRODUCTS BY MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SUCH PRODUCTS.
8. ALL FACTORY APPLIED COATINGS AND FINISHES SHALL BE PROVIDED WITHOUT RUST, SCRATCHES, OR DENTS.
9. PROVIDE OWNER WITH CERTIFICATES OF FINAL INSPECTIONS AND ACCEPTANCE FROM THE AUTHORITY HAVING JURISDICTION.

B. COORDINATION REQUIREMENTS

1. COORDINATE LOCATION AND INSTALLATION OF PLUMBING WORK WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES. MODIFICATIONS DUE TO FIELD CONDITIONS SHALL BE COMPLETELY RESOLVED BY CONTRACTOR IN ACCORDANCE WITH RECOMMENDATIONS OF THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER/OWNER.
2. COORDINATE FINAL LOCATIONS OF PLUMBING EQUIPMENT WITH ARCHITECTURAL PLANS.
3. PROVIDE TO THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER DIMENSIONED LOCATIONS AND SIZE OF ALL REQUIRED FLOOR, WALL AND ROOF OPENINGS. PROVIDE FOR INSTALLATION OF SLEEVES AND FRAMING AS REQUIRED.

C. PLUMBING INSTALLATION REQUIREMENTS

1. INSTALL ALL EQUIPMENT AND MATERIAL IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN CLEARANCES FOR CLEARANCE ACCESS TO MAINTAIN AND SERVICE EQUIPMENT, VALVES AND CONTROL.
2. ALL INSTALLATION AND WORK SHALL BE PERFORMED IN A NEAT, WORKMANLIKE MANNER SO AS NOT TO DAMAGE ANY SURFACES, EQUIPMENT, OR MATERIALS.
3. MOTOR OPERATED EQUIPMENT SHALL BE ISOLATED FROM THE BUILDING STRUCTURE BY THE INSTALLATION OF APPROVED VIBRATION HANGERS OR SUPPORTS.
4. ALL EQUIPMENT AND PIPING ABOVE THE CEILING SHALL BE SUPPORTED IN AN APPROVED MANNER FROM THE BUILDING STRUCTURE ABOVE.
5. PROVIDE PIPE ESCUTCHEONS AT ALL EXPOSED PENETRATIONS OF FLOOR, WALLS AND CEILINGS.
6. PIPE SIZES ARE IN INCHES UNLESS NOTED OTHERWISE.
7. RUNOUTS TO EQUIPMENT SHALL BE SIZED AS INDICATED AND INCREASED OR REDUCED AT POINT OF FINAL CONNECTION TO EQUIPMENT.
8. ALL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION IN ACCORDANCE WITH APPLICABLE CODE OR REGULATION.
9. SEAL ALL PIPE PENETRATIONS THROUGH WALLS, FLOORS, AND ROOFS WATER TIGHT.
10. SEAL ALL PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS WITH U.L. FIRE RATED CAULK PER AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE WALLS AND CEILINGS.

PLUMBING SPECIFICATIONS

1. DOMESTIC WATER

- A. DOMESTIC WATER DISTRIBUTION PIPE MATERIAL SHALL BE PER TABLE 605.4 WATER DISTRIBUTION PIPE ON THIS DWG.
- B. DOMESTIC WATER PIPE FITTINGS SHALL BE PER TABLE 605.5 PIPE FITTINGS ON THIS DWG.

2. SANITARY DRAINAGE

- A. SANITARY AND VENT PIPE MATERIAL ABOVE GROUND SHALL BE PER TABLE 702.1 ABOVE GROUND DRAINAGE AND VENT PIPE ON THIS DWG. SANITARY AND VENT PIPE MATERIAL BELOW GROUND SHALL BE PER TABLE 702.2 UNDERGROUND BUILDING DRAINAGE AND VENT PIPE ON THIS DWG. SLOPE: SANITARY PIPING PER TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE THIS DRAWING.
- B. SANITARY AND VENT PIPE FITTINGS SHALL BE PER TABLE 702.4 PIPE FITTINGS ON THIS DWG

3. DOMESTIC WATER PIPE INSULATION

- A. INSULATE ALL DOMESTIC HOT AND COLD WATER PIPES WITH 1" ARMAFLEX OR A MINIMUM R-VALUE PER AUTHORITY HAVING JURISDICTION. INSTALL INSULATION PER MANUFACTURER'S RECOMMENDATIONS.

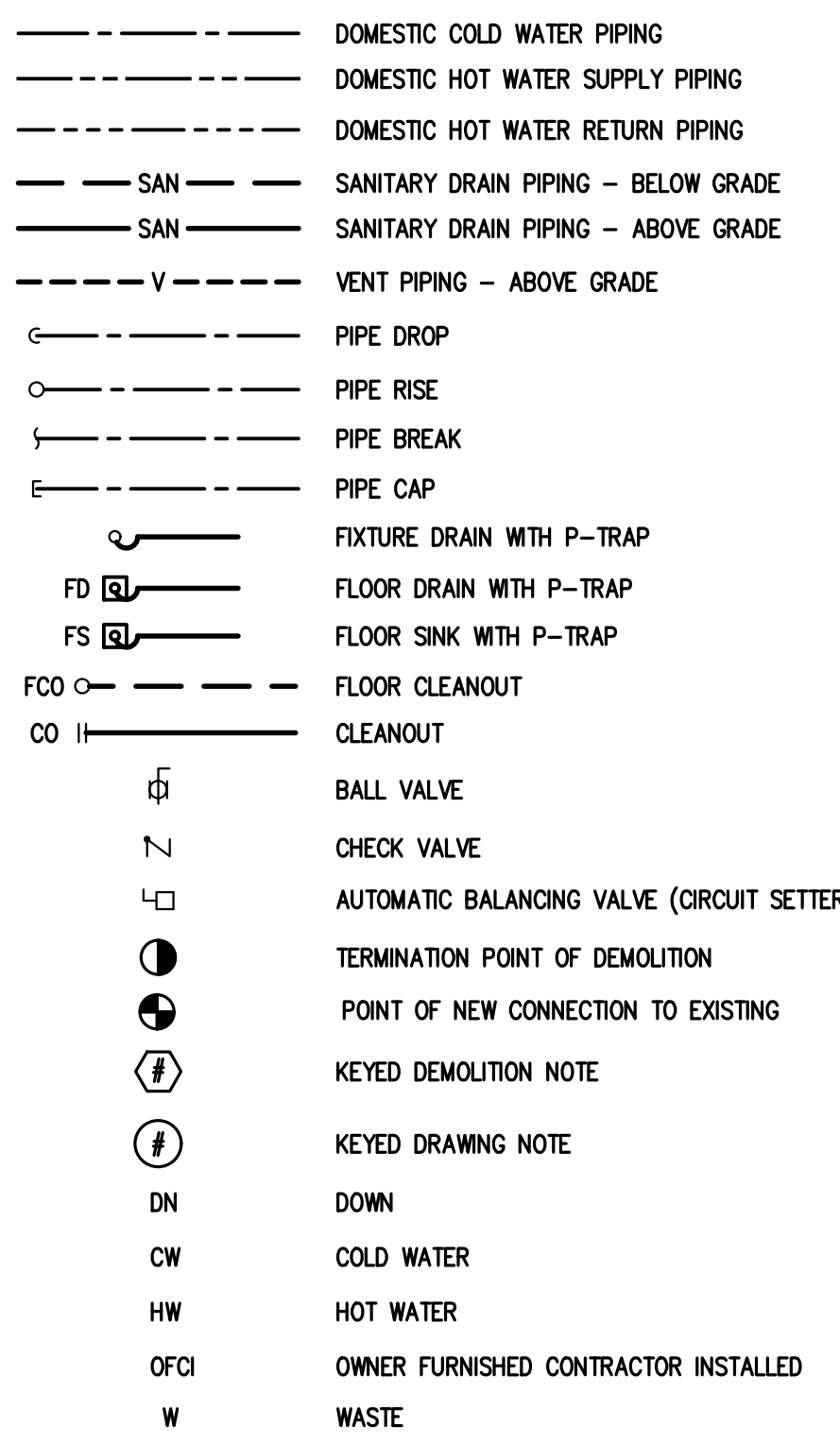
4. FLOOR CLEANOUT

- A. JR. SMITH FIGURE 4020 SERIES OR EQUAL ROUND ADJUSTABLE CLEANOUT. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR FINISH FLOOR MATERIAL AND PROVIDE APPLICABLE COVER. COORDINATE COVER FINISH WITH OWNER/CONSTRUCTION MANAGER.

5. STERILIZATION

- A. ALL DOMESTIC WATER PIPING SHALL BE CLEANED AND STERILIZED PER AUTHORITY HAVING JURISDICTION.

PLUMBING LEGEND



IPC TABLE 605.4 WATER DISTRIBUTION PIPE	
MATERIAL	STANDARD
COPPER OR COPPER-ALLOY TUBING (TYPE K, WK, L, WL, M OR WM)	ASTM B 75; ASTM B 88; ASTM B 231; ASTM B 447
CROSS-LINKED POLYETHYLENE (PEX) PLASTIC TUBING	ASTM F 876; ASTM F 877; CSA B137.5
CROSS-LINKED POLYETHYLENE/ALUMINUM/CROSS-LINKED POLYETHYLENE (PEX-AL-PEX) PIPE	ASTM F 1281; ASTM F 2262; CAN/CSA B137.10M
CROSS-LINKED POLYETHYLENE/ALUMINUM/HIGH DENSITY POLYETHYLENE (PEX-AL-HDPE)	ASTM F 1986

IPC TABLE 605.5 PIPE FITTINGS	
MATERIAL	STANDARD
COPPER OR COPPER-ALLOY	ASSE 1061; ASME B16.15; ASME B16.18; ASME B16.22; ASME B16.23; ASME B16.26; ASME B16.29
CROSS-LINKED POLYETHYLENE/ALUMINUM/HIGH DENSITY POLYETHYLENE (PEX-AL-HDPE)	ASTM F 1986
FITTINGS FOR CROSS-LINKED POLYETHYLENE (PEX) PLASTIC TUBING	ASSE 1061; ASTM F 877; ASTM F 1807; ASTM F 1986; ASTM F 2080; ASTM F 2096; ASTM F 2159; ASTM F 2434; CSA B137.5
INSERT FITTINGS FOR POLYETHYLENE/ALUMINUM/POLYETHYLENE (PE-AL-PE) AND CROSS-LINKED POLYETHYLENE/ALUMINUM/CROSS-LINKED POLYETHYLENE (PEX-AL-PEX)	ASTM F 1974; ASTM F1281; ASTM F1282; CAN/CSA B137.9; CAN/CSA B137.10

IPC TABLE 702.1 ABOVE GROUND DRAINAGE AND VENT PIPE	
MATERIAL	STANDARD
CAST-IRON PIPE	ASTM A 74; ASTM A 888; CISP1301
POLYVINYL CHLORIDE (PVC) PLASTIC PIPE IN IPS DIAMETERS, INCLUDING SCHEDULE 40, DR 22 (PS 200), AND DR 24 (PS 140); WITH A SOLID, CELLULAR CORE OR COMPOSITE WALL	ASTM D 2665; ASTM F 891; ASTM F 1488; CSA B181.2
POLYVINYL CHLORIDE (PVC) PLASTIC PIPE WITH A 3.25-INCH A.D. AND A SOLID, CELLULAR CORE OR COMPOSITE WALL	ASTM D 2949; ASTM F 1488

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL	CW	HW	DRAIN	VENT	REMARKS
P-1	WATER CLOSET	KOHLER	K-4330	1"	N/A	4"	2"	ADA COMPLIANT, VITREOUS CHINA, TOP SPUD, 1.6 GPF, ELONGATED TOILET BOWL, WITH MODEL "K-4670-CA", ANTIMICROBIAL AGENT, SEAT WITH CHECK HINGE AND SLOAN MODEL "G2 8111-1.6" BATTERY OPERATED, ADA COMPLIANT, TOP SPUD SENSOR, FLUSHOMETER.
P-2	URINAL	KOHLER	K-4991-ET	3/4"	N/A	2"	1 1/2"	VITREOUS CHINA, WALL HUNG, HIGH-EFFICIENCY, ADA COMPLIANT, URINAL WITH SLOAN MODEL "G2-8186-1.0" BATTERY OPERATED, ADA COMPLIANT, TOP SPUD FLUSH VALVE.
P-3	HANDWASH SINK	SLOAN	AD-8300	1/2"	1/2"	1 1/2"	1 1/4"	ADA COMPLIANT 3-STATION WALL MOUNTED SINK AND SLOAN AUTOMATED SENSOR FAUCET EFX.
P-4	LAVATORY	KOHLER	K-2005	1/2"	1/2"	1 1/2"	1 1/4"	WALL HUNG, ADA COMPLIANT, VITREOUS CHINA, LAVATORY WITH GRID DRAIN AND SLOAN ADA COMPLIANT SENSOR FAUCET MODEL "2300" WITH PLUG-IN POWER SUPPLY AND INTEGRAL MIXING VALVE.
P-5	SINK	ELKAY	LRAD172055	1/2"	1/2"	1 1/2"	1 1/4"	STAINLESS STEEL, SINGLE BOWL, DROP-IN, ADA COMPLIANT, SINK WITH "LK-99" STRAINER, MOEN MODEL "87201", ADA COMPLIANT, SINGLE HANDLE, FAUCET LESS SPRAY.
P-6	JANITOR'S SINK	FIAT	P-1	1/2"	1/2"	1 1/2"	1 1/4"	FLOOR MOUNTED, SINGLE BASIN, POLY TUB WITH A-1 DECK FAUCET WITH 6 1/2" SPOUT.
P-7	WATER COOLER	ELKAY	L2STL8WWSK	1/2"	N/A	1 1/2"	1 1/4"	WALL MOUNTED, ADA COMPLIANT, BI-LEVEL, FILTERED WATER, WATER COOLER WITH FRONT AND SIDE PUSH BARS AND BOTTLE FILLER STATION.
P-8	TRENCH DRAIN	ZURN	Z880	N/A	N/A	2"	1 1/2"	48" LONG HIGH DENSITY POLYETHYLENE TRENCH DRAIN WITH STAINLESS STEEL GRATE.
P-9	NON FREEZE WALL HYDRANT	WOODFORD	B-60	3/4"	N/A	N/A	N/A	PROVIDE WITH INTEGRAL AWMA BACKFLOW PREVENTER AND LOCABLE COVER. CONTRACTOR SHALL VERIFY WALL THICKNESS.

- NOTES:
1. CONTRACTOR SHALL REVIEW ALL CONTRACTOR FURNISHED PLUMBING FIXTURES WITH OWNER PRIOR TO PURCHASE.
 2. CONTRACTOR SHALL COORDINATE FIXTURE CARRIERS WITH ARCHITECTURAL DRAWINGS AND WALL TYPE.
 3. CONTRACTOR SHALL FURNISH AND INSTALL STOPS ON SUPPLY LINES TO ALL FIXTURES.
 4. CONTRACTOR SHALL FURNISH AND INSTALL ACCESS DOORS FOR ALL VALVES AS REQUIRED.
 5. ALL EXPOSED PIPING UNDER ADA ACCESSIBLE COUNTERTOP SINKS AND LAVATORIES SHALL BE INSULATED AND PROTECTED WITH PREFABRICATED MOLDED COVERS AS MANUFACTURED BY PLUMBEREX OR EQUAL.
 6. CONTRACTOR SHALL PROVIDE INDIVIDUAL TRANSFORMERS FOR ALL ELECTRONIC FAUCETS AND FLUSH VALVES.

DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE EXISTING LAVATORIES, URINALS, WATER CLOSETS AND JANITOR SINK. HOT AND COLD WATER PIPES SHALL BE REMOVED AND CAPPED AS CLOSE TO MAIN AS POSSIBLE TO MINIMIZE DEAD END PIPES. VENT LINES SHALL BE REMOVED AND CAPPED AS CLOSE TO MAIN AS POSSIBLE. CONTRACTOR SHALL FIELD VERIFY IF VENT THRU ROOF IS REQUIRED. IF VENT THRU ROOF IS NOT REQUIRED, CAP VENT ABOVE ROOF AND BELOW ROOF. SANITARY LINES BELOW FLOOR SHALL BE ABANDONED IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.



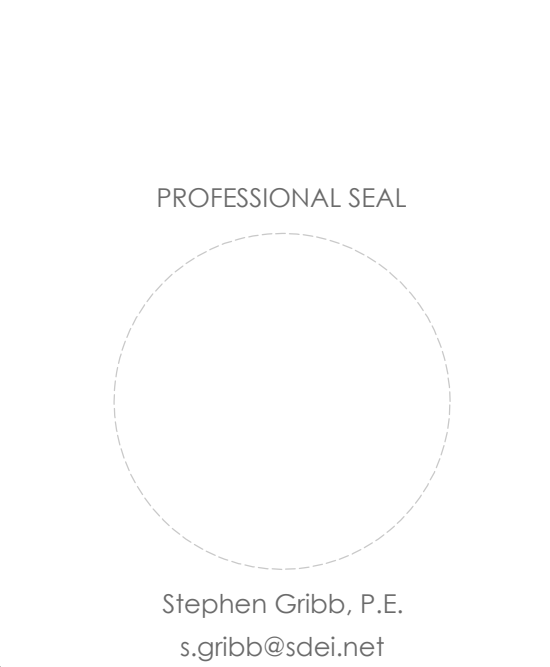
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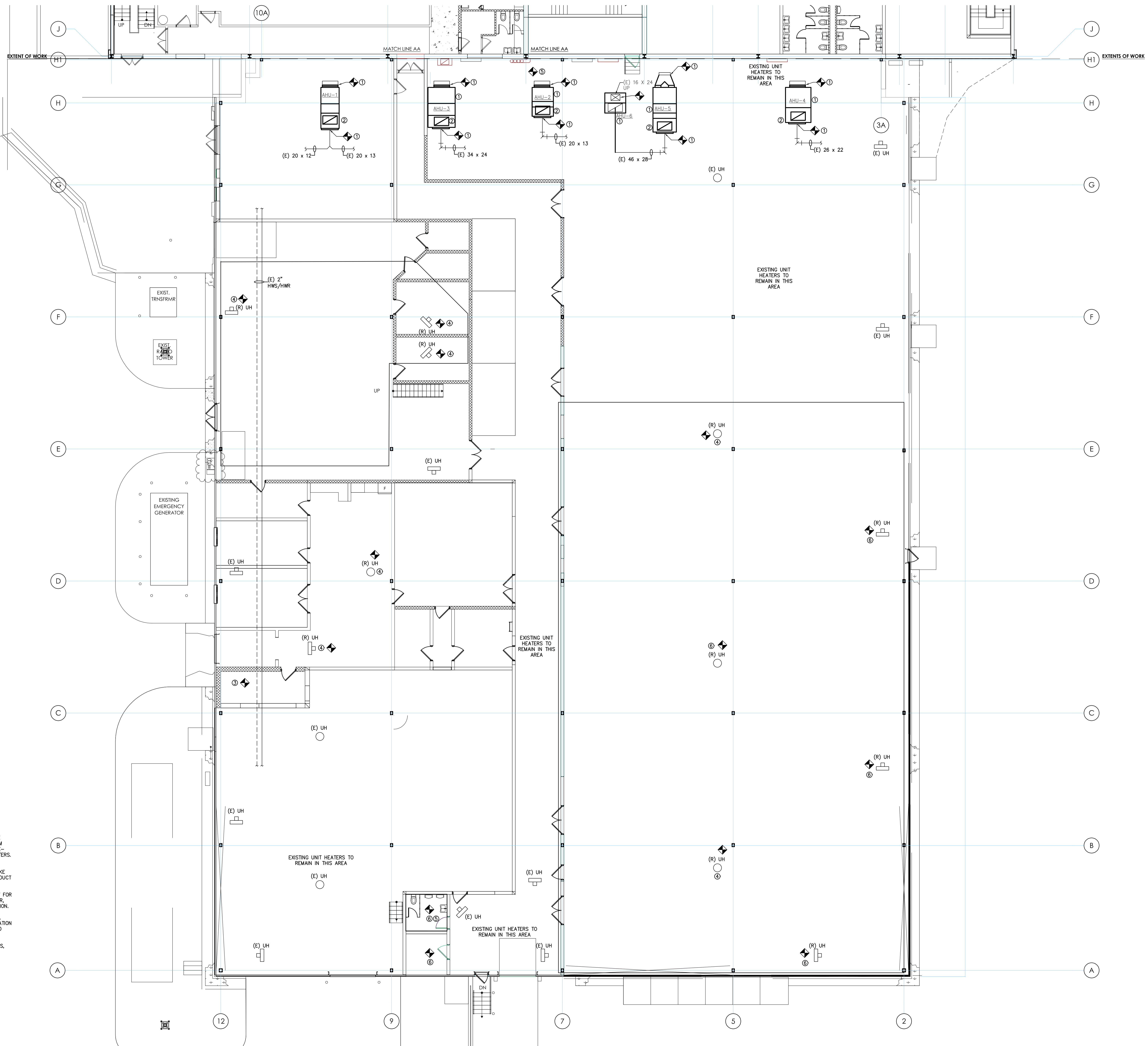


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& VENT**

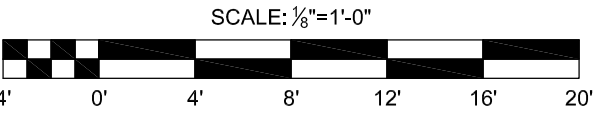
P-102



DEMO NOTES:

1. DEMO AHU'S IN THEIR ENTIRETY. DEMO DUCT BACK TO FLEX COLLARS AND PLENUM BOXES FOR MULTI-ZONE UNITS, PLENUM BOXES TO REMAIN. DISCONNECT HOT AND CHILLED WATER PIPE - RETAIN SHUT OFF VALVES, PRESSURE GAUGE, AND THERMOMETERS. REMOVE ALL EQUIPMENT PADS AND HANGERS.
2. DEMO OUTSIDE AIR DUCT UP THROUGH ROOF. REMOVE INTAKE HOOD ON ROOF, DEMO CURB AND INCORPORATE OUTSIDE AIR DUCT OPENING INTO NEW DUCT WORK OPENING - FIELD COORDINATE.
3. CONTRACTOR TO REMOVE DUST COLLECTOR IN ITS ENTIRETY FOR RE-USE. FIELD COORDINATE ALL PARTS AND DUCT WITH OWNER. SUPPLY PARTS NEEDED TO REINSTALL AT OWNERS NEW LOCATION.
4. REMOVE UNIT HEATERS FOR RE-USE IN FORENSIC STORAGE. HVAC, PLUMBING AND ELECTRICAL SHOP. IF UNIT HEATER LOCATION IS WITH IN AREA OF NEW WORK, RE-POSITION UNIT HEATER TO MATCH ROOM LAYOUT.
5. DEMO AND CAP ALL EXISTING EXHAUST DUCT IN BATHROOMS. REMOVE ANY DUCT THAT INTERFERES WITH NEW.
6. DEMO EXISTING UNIT HEATERS IN THEIR ENTIRETY. REMOVE HANGERS, DEMO PIPE BACK TO HOT WATER MAIN AND CAP.

HVAC DEMO PLAN



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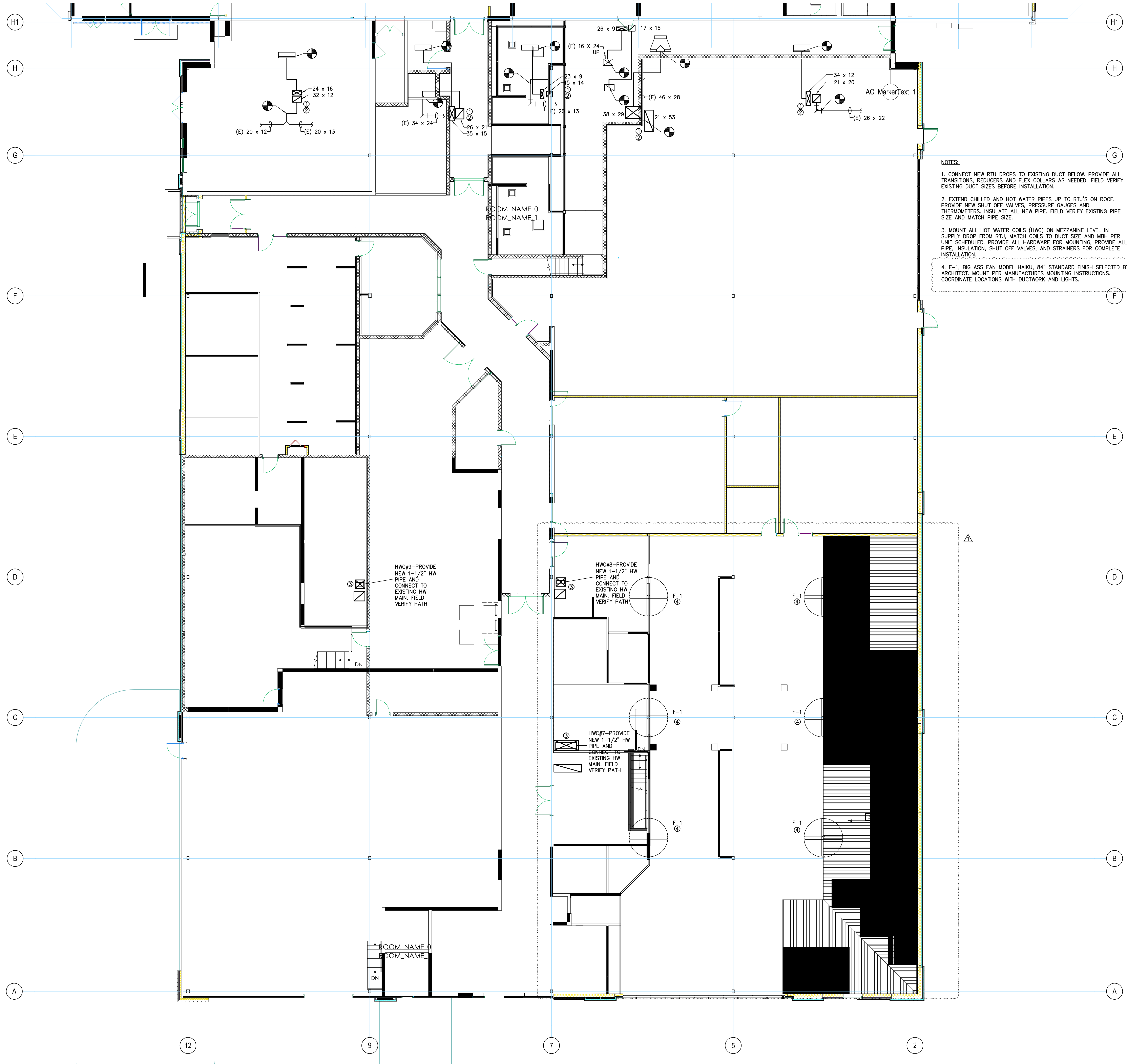
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SHEET TITLE:
HVAC DEMO PLAN

H100D



- NOTES:**
1. CONNECT NEW RTU DROPS TO EXISTING DUCT BELOW. PROVIDE ALL TRANSITIONS, REDUCERS AND FLEX COLLARS AS NEEDED. FIELD VERIFY EXISTING DUCT SIZES BEFORE INSTALLATION.
 2. EXTEND CHILLED AND HOT WATER PIPES UP TO RTU'S ON ROOF. PROVIDE NEW SHUT OFF VALVES, PRESSURE GAUGES AND THERMOMETERS. INSULATE ALL NEW PIPE. FIELD VERIFY EXISTING PIPE SIZE AND MATCH PIPE SIZE.
 3. MOUNT ALL HOT WATER COILS (HWC) ON MEZZANINE LEVEL IN SUPPLY DROP FROM RTU. MATCH COILS TO DUCT SIZE AND MBH PER UNIT SCHEDULED. PROVIDE ALL HARDWARE FOR MOUNTING, PROVIDE ALL PIPE, INSULATION, SHUT OFF VALVES, AND STRAINERS FOR COMPLETE INSTALLATION.
 4. F-1, BIG ASS FAN MODEL HAKU, 84" STANDARD FINISH SELECTED BY ARCHITECT. MOUNT PER MANUFACTURERS MOUNTING INSTRUCTIONS. COORDINATE LOCATIONS WITH DUCTWORK AND LIGHTS.

MEZZANINE LEVEL HVAC PLAN
SCALE: 1/4"=1'-0"



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4234B

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PROJECT # : 22-0995-0133

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DATE: ISSUED 3/30/23

REV#	PROGRESS ISSUE	DATE
1	ADDENDUM 1	05/05/23

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SHEET TITLE:
**MEZZANINE
LEVEL HVAC
PLAN**

H101



ROOF NEW WORK PLAN
SCALE: 1/8"=1'-0"



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DATE: ISSUED 3/30/23

REV#	DESCRIPTION	DATE
1	PROGRESS ISSUE	03/23/23

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SHEET TITLE:
**HVAC ROOF
NEW WORK
PLAN**

H200

ELECTRICAL LEGEND

NOTE: THIS LEGEND IS A STANDARD AND SOME ITEMS MAY NOT APPLY.

	NON-LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD
	EXISTING LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD
	DISTRIBUTION PANEL
	DISCONNECT SWITCH, 400V, HEAVY DUTY, QUICK MAKE, QUICK BREAK, SIZE AND NUMBER OF POLES AS INDICATED ON PLANS, FUSIBLE OR NON-FUSIBLE AS INDICATED ON PLANS.
	ENCLOSED CIRCUIT BREAKER, SIZE AND NUMBER OF POLES AS INDICATED ON PLANS.
	MAGNETIC MOTOR STARTER
	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH, NEMA SIZE AS INDICATED ON PLANS
	VARIABLE FREQUENCY DRIVE
	MOTOR - HORSEPOWER AS INDICATED OR 1/2 FOR FRACTIONAL
	JUNCTION BOX
	EMERGENCY POWER OFF STATION
	EMERGENCY POWER OFF STATION WITH KEY RESET
	HOME RUN TO PANELBOARD
	INDICATES CONDUIT TURNING DOWN
	INDICATES TURNING UP
	WIRING CONNECTED TO SAME CIRCUIT, CONTROLLED SEPARATELY
	DUPLEX RECEPTACLE OUTLET, # INDICATES SPECIAL MODIFIER, COMMERCIAL SPECIFICATION GRADE, NEMA 5-20R, 125 VOLTS, HEBBELL, WERCO, OR EQUIVALENT BY LEVITON, PASS 4 SET HOUR, OR ARRON HART, FINISH SELECTED BY THE ARCHITECT.
	GFI - DENOTES GROUND-Fault CIRCUIT INTERRUPTER, HEBBELL, WERCO, FINISH SELECTED BY THE ARCHITECT.
	TP - DENOTES TAMPER RESISTANT RECEPTACLE, HEBBELL, WERCO, FINISH SELECTED BY THE ARCHITECT.
	HP - DENOTES HEATHER PROOF, HEBBELL, WERCO, FINISH SELECTED BY THE ARCHITECT.
	C - DENOTES HEATED ABOVE COVER TOP OR CASEWORK.
	QUADRUPLEX RECEPTACLE (TWO DUPLEX RECEPTABLES UNDER COMMON COVER PLATE)
	SINGLEPLEX (SINGLE) RECEPTACLE, HEBBELL, WERCO
	SPECIAL PURPOSE RECEPTACLE, NEMA CONFIGURATION AS INDICATED ON PLANS
	CORD REEL WITH DROP CORD, HEBBELL, WERCO, PROVIDE NEMA 15-45 FE-MALE CONNECTOR AT END OF CORD, PROVIDE RECEPTACLE AT CEILING FOR CORD REEL CONNECTION.
	MOTOR RATED SWITCH, 30 AMP, 2 POLE, ALUMINUM COVER AND BASE, LOCKABLE IN THE OFF POSITION, MOUNT ON OR ADJACENT TO EQUIPMENT, HEBBELL, WERCO, OR EQUIVALENT BY SQUARE D, EATON, OR SIEMENS.
	FRACTIONAL HORSEPOWER MANUAL STARTER WITH MELTING ALLOY THERMAL OVERLOAD RELAY, 1/2 VOLTS, 16 AMP CONTINUOUS CURRENT RATING, TOGGLE OPERATOR, LOCKABLE IN THE OFF POSITION, MOUNT ON OR ADJACENT TO EQUIPMENT, SQUARE D, WEG OR EQUIVALENT BY EATON OR SIEMENS.
	PHONE OUTLET, #Y INDICATES HALL PHONE
	DATA OUTLET, NUMBER INDICATES TOTAL NUMBER OF PORTS IN WALL PLATE, PROVIDE FLUSH MOUNTED, SINGLE GANG, DEEP HALL BOX, AND 1" CONDUIT TO ACCESSIBLE CEILING SPACE TERMINATE WITH PLASTIC BUSHING.
	CABLE TV OUTLET - PROVIDE FLUSH MOUNTED, SINGLE GANG, DEEP HALL BOX, AND 1" CONDUIT TO ACCESSIBLE CEILING SPACE TERMINATE WITH PLASTIC BUSHING.
	FLUSH POKEY THROUGH ASSEMBLY WITH QUAD RECEPTACLE, VOICE AND DATA, HIREHOLD RECAT, FINISHES SELECTED BY THE ARCHITECT.
	FLUSH POKEY THROUGH ASSEMBLY WITH CONDUIT FEED THROUGH PROVISIONS FOR DIRECT CONNECTION OF POWER AND DATA, HIREHOLD RECAT, FINISHES SELECTED BY THE ARCHITECT.
	FLUSH POKEY THROUGH ASSEMBLY WITH ONE 2" CONDUIT FEED THROUGH FOR VOICE DATA (VD) OR AUDIO VIDEO (AV), HIREHOLD RECAT, FINISHES SELECTED BY THE ARCHITECT.
	PEDESTAL STYLE POKEY THROUGH ASSEMBLY WITH RECEPTACLE AS SHOWN ON PLANS AND EQUIPMENT SCHEDULES, HIREHOLD RECAT WITH 200-HIBITC HEAD, AND PFP FACEPLATES, FINISHES SELECTED BY THE ARCHITECT.
	FLOOR BOX WITH QUAD RECEPTACLE, VOICE, AND DATA, HIREHOLD RECAT (RFB4-GH) FOR SLAB ON GRADE, FINISHES SELECTED BY THE ARCHITECT.
	SINGLE POLE SWITCH, COMMERCIAL SPECIFICATION GRADE, HEBBELL, WERCO, OR EQUIVALENT BY LEVITON, PASS 4 SET HOUR, OR ARRON HART.
	THREE-WAY SWITCH, COMMERCIAL SPECIFICATION GRADE, HEBBELL, WERCO, OR EQUIVALENT BY LEVITON, PASS 4 SET HOUR, OR ARRON HART.
	SINGLE POLE SWITCH, COMMERCIAL SPECIFICATION GRADE, HEBBELL, WERCO, OR EQUIVALENT BY LEVITON, PASS 4 SET HOUR, OR ARRON HART.
	PHOTO CONTROL SWITCH (WEATHER PROOF FOR OUTDOOR INSTALLATION)
	POWER / RELAY PACK FOR OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR P = PASSIVE INFRARED U = ULTRASONIC D = DUAL TECHNOLOGY
	DAYLIGHT SENSOR
	DIMMING CONTROLLER - 0-10 VOLT UNLESS OTHERWISE NOTED
	LOW VOLTAGE SWITCH CONNECTED TO NETWORKED LIGHTING CONTROL SYSTEM.
	RECESSED TROFFER OR FLAT PANEL LUMINAIRE, LETTER INDICATES TYPE, REFER TO LUMINAIRE SCHEDULE.
	RECESSED DOWNLIGHT OR PENDANT LUMINAIRE, LETTER INDICATES TYPE, REFER TO LUMINAIRE SCHEDULE.
	WALL MOUNTED EXIT SIGN, FILLED SEGMENT INDICATES ILLUMINATED FACE, LETTER INDICATES TYPE, PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLAN.
	CEILING MOUNTED EXIT SIGN, FILLED SEGMENT INDICATES ILLUMINATED FACE, LETTER INDICATES TYPE, PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLAN.
	WALL MOUNTED COMBINATION EXIT SIGN, EMERGENCY LIGHTING BATTERY UNIT, FILLED SEGMENT INDICATES ILLUMINATED FACE, LETTER INDICATES TYPE, PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLAN.
	EMERGENCY LIGHTING BATTERY UNIT, LETTER INDICATES TYPE, REFER TO LUMINAIRE SCHEDULE.
	THIN EMERGENCY LIGHTING REMOTE HEAD, LETTER INDICATES TYPE, REFER TO LUMINAIRE SCHEDULE.
	POLE MOUNTED AREA LIGHTING LUMINAIRE, LETTER INDICATES TYPE, REFER TO LUMINAIRE SCHEDULE.

	PHOTOELECTRIC SMOKE DETECTOR
	HEAT DETECTOR WITH RATE COMPENSATION
	IN - DUCT SMOKE DETECTOR
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM AUDIBLE APPLIANCE - HORN
	FIRE ALARM AUDIBLE APPLIANCE-SPEAKER ONLY, WALL MOUNTED, #Y INDICATES WALLTAGE, FINAL WALLTAGE TAP TO BE DETERMINED DURING AIDABLE FIELD TEST.
	FIRE ALARM AUDIBLE APPLIANCE-SPEAKER ONLY, CEILING MOUNTED, #Y INDICATES WALLTAGE, FINAL WALLTAGE TAP TO BE DETERMINED DURING AIDABLE FIELD TEST.
	FIRE ALARM VISUAL APPLIANCE, WALL MOUNTED, #C#Y INDICATES CANDELA RATINGS
	FIRE ALARM VISUAL APPLIANCE, CEILING MOUNTED, #C#Y INDICATES CANDELA RATINGS
	FIRE ALARM COMBINATION HORN / VISIBLE NOTIFICATION APPLIANCE, #C#Y INDICATES CANDELA RATINGS
	FIRE ALARM COMBINATION SPEAKER / VISIBLE NOTIFICATION APPLIANCE, #C#Y INDICATES CANDELA RATINGS, #Y INDICATES WALLTAGE, FINAL WALLTAGE TAP TO BE DETERMINED DURING AIDABLE FIELD TEST.
	FLOOD SWITCH
	VALVE SUPERVISORY SWITCH
	PRESSURE SWITCH
	ADDRESSABLE INPUT MONITOR MODULE
	ADDRESSABLE OUTPUT MONITOR MODULE
	DUCT SMOKE DETECTOR REMOTE ALARM / TEST / RESET STATION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR
	FIRE ALARM NOTIFICATION APPLIANCE PANEL
	CARD READER (FAIL OPEN IN EMERGENCY)
	DURESS BUTTON
	DOOR CONTACT - ROUGH-IN 3/4" CONDUIT AND PULL STRING FROM DOOR FRAME TO ACCESSIBLE CEILING SPACE - COORDINATE FINAL ROUGH-IN LOCATION WITH GC.
	DOOR MAGNETIC LOCK
	DOOR RELEASE BUTTON
	EXIT BUTTON
	ELECTRIC LOCK SET
	OVERHEAD DOOR CONTACT
	SECURITY SYSTEM MOTION DETECTOR
	KEY PAD
	REQUEST TO EXIT
	SONDER DOOR ALARM
	SINGLE MAGNETIC LOCK
	SECURITY CAMERA
	SECURITY CAMERA - PAN-TILT-ZOOM
	SPEAKER, CEILING MOUNTED
	SPEAKER, WALL MOUNTED
	SPEAKER VOLUME CONTROL, WALL MOUNTED
	GLOCK, WALL MOUNTED
	MICROPHONE OUTLET, WALL MOUNTED, NUMBER INDICATES QUANTITY OF OUTLETS UNDER PLATE
	CIRCUIT BREAKER - #A# INDICATES AMPERE FRAME, #B# INDICATES AMPERE TRIP #SINGLE POLE, 2" TRIP, 3# THREE POLE
	CIRCUIT BREAKER WITH SHUNT-TRIP
	GENERATOR
	TRANSFORMER
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	OVERLOAD RELAY
	NORMALLY OPEN CONTACTS
	NORMALLY CLOSED CONTACTS
	START PUSH BUTTON
	STOP PUSH BUTTON
	HAND - OFF - AUTO SELECTOR SWITCH
	RELAY
	PILOT LIGHT - #Y# FOR RED, #G# FOR GREEN, #W# FOR AMBER
	AUTOMATIC TRANSFER SWITCH
	GROUND

ABBREVIATIONS

AF	AMPERE FRAME	MCB	MAIN CIRCUIT BREAKER
AFB	ABOVE FINISHED FLOOR	MDF	MAIN DISTRIBUTION FRAME
AG	ABOVE RAISED FLOOR	MCC	MOTOR CONTROL CENTER
ALC	ALTERNATING CURRENT	MCCM	MOTOR CENTER
AS	ALUMINUM	MH	MOUNTING HEIGHT
AT	AMP SENSOR	ML	MAIN LUGS ONLY
ATS	AUTOMATIC TRANSFER SWITCH	MT	MOUNT
AC	AIR CONDITIONING	N	NEUTRAL
AFS	ABOVE FINISHED GRADE	NC	NORMALLY CLOSED
CB	CIRCUIT BREAKER	NC	NOT IN CONTRACT
CCT	CIRCUIT	NL	NIGHT LIGHT
CL	CURRENT LIMITING	NO	NOT TO SCALE
CLF	CURRENT LIMITING FUSE	NO	NOT TO SCALE
CLE	CEILING	OFE	OWNER FURNISHED EQUIPMENT
CONTR	CONTRACTOR	PH	PHASE
CTR	CURRENT TRANSFORMER	PNL	PANEL
CAB	CABINET	PR	PRIMARY
CON	CONDUIT	PT	POTENTIAL TRANSFORMER
CO	COPPER	PVC	POLYVINYL CHLORIDE
COND	CONDUITING UNIT BY OTHERS	PWR	POWER
DISC	DISCONNECT	REC	RECEPTACLE
DIST	DISTRIBUTION	REG	REGRESSED
D.O.	DRAW OUT	RF	RETURN FAN
DWG	DRAWING	REL	EXISTING SHOWN RELOCATED
EBH	ELECTRIC BASEBOARD HEAT	RH	ROOM
EFC	ELECTRICAL CONTRACTOR	SCHED	SCHEDULE
EF	EMERGENCY	SEC	SECONDARY
ELEC	ELECTRICAL	SF	SUPPLY FAN
EM	EMERGENCY	SLR	SLENDRO KEY RELEASE UNIT
EHT	ELECTRICAL METALLIC TUBING	SN	SOLID NEUTRAL
ED	EXISTING TO BE DEMOLISHED	SN	SHUTTER
E	EXISTING TO REMAIN	SNB	SHUTTER BOARD
ER	EXISTING TO BE RELOCATED	SNR	SHUTTER RAIL
EW	ELECTRIC WATER COOLER	SR	STAIR
EH	ELECTRIC WATER HEATER	T	TELEPHONE
FA	FIRE ALARM	TF	TRANSFER FAN
FDR	FEEDER	TP	TINISTED PAIR
FX	FIXTURE	TR	TYPICAL
FV	FUSE	UH	UNIT HEATER
GR	GROUND	UCN	UNLESS OTHERWISE NOTED
GF	GROUND FAULT INTERRUPTER	V	VOLT
HA	HAND-OFF-AUTOMATIC SWITCH	W	WATT
HP	HORSEPOWER	W/B	WEATHERPROOF
HZ	HERTZ	WT	WATER
ID	INTERMEDIATE DISTRIBUTION FRAME	WT	WATER
IS	ISOLATED GROUND	WT	WATER
JB	JUNCTION BOX	WT	WATER
KVA	KILOVOLT-AMPERES	WT	WATER
KV	KILOVOLT	WT	WATER
L.D.	LIGHT EMITTING DIODE	WT	WATER
LTO	LIGHTING	WT	WATER
MAX	MAXIMUM	WT	WATER

ELECTRICAL EQUIPMENT MOUNTING HEIGHTS

WALL MOUNTED FIRE ALARM AUDIBLE NOTIFICATION APPLIANCE (OR AS SHOWN ON ARCHITECTURAL DETAILS)	4' BELOW FINISHED CEILING
TV MONITOR OUTLETS AND SERVICE RECEPTACLES FOR SHELF MOUNTED TV	8'-0" ABOVE FINISHED FLOOR
WARNING AND SIGNALING LUMINAIRES / SIGNS	CENTERED ABOVE DOOR OR WINDOW OPENING
FIRE ALARM VISUAL NOTIFICATION APPLIANCE MOUNTED AT 6'-0" MEASURED FROM THE FINISHED FLOOR TO THE BOTTOM OF THE DEVICE OR 4' BELOW FINISHED CEILING MEASURED FROM THE FINISHED CEILING TO THE TOP OF THE DEVICE, WHICHEVER IS LOWER	6'-0" ABOVE FINISHED FLOOR
TOP OF FLUSH AND SURFACE MOUNTED LIGHTING CONTROL PANELS OR POWER PANELGUARDS AND TELEPHONE CABINETS, TOP OF HIGHEST ELECTRICAL SAFETY DISCONNECT SWITCHES	6'-6" ABOVE FINISHED FLOOR
WALL MOUNTED TELEPHONE AND WALL MOUNTED INTERCOM	4'-0" ABOVE FINISHED FLOOR
WALL MOUNTED ELECTRICAL DEVICES, SUCH AS LIGHTING SWITCHES, MANUAL MOTOR STARTERS, THERMOSTATS, AND FIRE ALARM PULL STATIONS	4'-0" ABOVE FINISHED FLOOR
GF OUTLETS IN TOILET ROOMS ALL FLOOR EQUIPMENT IN LABS AND EQUIPMENT ROOMS	3'-6" ABOVE FINISHED FLOOR
ELECTRICAL RECEPTACLES INCLUDING THOSE USED WITH MECHANICAL SPACES AND ELEVATOR ROOMS, TELEPHONE DATA, AND COMMUNICATION OUTLETS CATV AND ALL JUNCTION BOXES	1'-6" ABOVE FINISHED FLOOR
WALL GLOCK AT 8'-0" OR CENTER BETWEEN DOOR FRAME AND GULLY	8'-0" ABOVE FINISHED FLOOR

MOUNTING HEIGHTS ARE TO CENTER OF OUTLETS UNLESS SPECIFICALLY NOTED OTHERWISE. IN MASONRY CONSTRUCTION, THE ABOVE HEIGHTS SHALL BE USED FOR REFERENCE TO FINISHED FLOOR OR BRICK COURSE.

THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS.

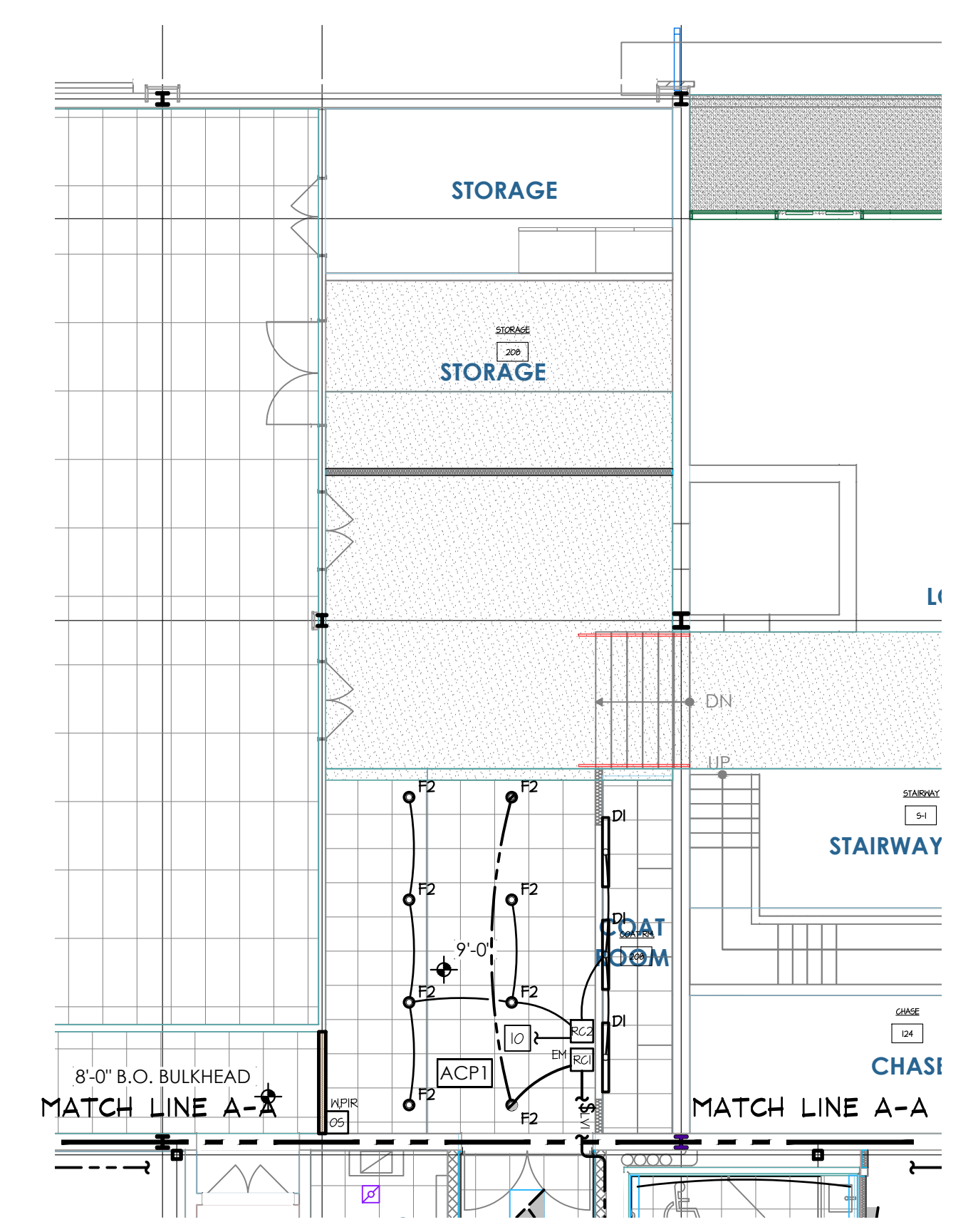
LUMINAIRE SCHEDULE								
TYPE	DESCRIPTION	MANUFACTURER (DESIGN BASE)	CATALOG NO.	LAMPS	BALLAST / DRIVER	VOLTS	MTG	RMK
A1	2'X2' L.E.D. TROFFER, FLOATING FLAT CENTER LENS	XTRALIGHT	ART-23-1000L-35K-DIM-F	80-CRI, 3500K, 3000 LUMENS, 30 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	CR	
A2	SIMILAR TO TYPE A1, EXCEPT IN 2'x4' FORMAT	XTRALIGHT	ART-24-4500L-35K-DIM-F	80-CRI, 3500K, 4500 LUMENS, 45 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	CR	
B1	2'x2' BACK-OUT L.E.D. FLAT PANEL WITH SWITCHABLE LUMEN OUTPUT AND COLOR TEMPERATURE	COLUMBIA	CBT22-LS35	80-CRI, 3500K, 3000 LUMENS, 28 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	CR	
B2	SIMILAR TO TYPE B1, EXCEPT IN 2'x4' FORMAT	COLUMBIA	CBT24-LS40	80-CRI, 3500K, 4400 LUMENS, 38 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	CR	
C1	4" LINEAR, VAPOR-TIGHT L.E.D. LUMINAIRE WITH RIBBED, FROSTED ACRYLIC LENS, STAINLESS STEEL STRUCTURE, FINISH: POLYURETHANE	XTRALIGHT	VTR-4-3000L-35K-DIM-RFA-PAN-PND-SS	80-CRI, 3500K, 3000 LUMENS, 45 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	P 1	
C2	SIMILAR TO TYPE C1, EXCEPT WALL MOUNTED WITH 45 DEG. ANGLE BRACKET	XTRALIGHT	VTR-4-3000L-35K-DIM-RFA-PAN-PND-SS	80-CRI, 3500K, 3000 LUMENS, 45 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	WS 3	
C3	SIMILAR TO TYPE C1, EXCEPT WITH 1500 LUMEN LIGHT ENGINE	XTRALIGHT	VTR-4-3500L-35K-DIM-RFA-PAN-PND-SS	80-CRI, 3500K, 3500 LUMENS, 45 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	P 3	
D1	4" LINEAR, L.E.D. STRIP LUMINAIRE WITH RIBBED, FROSTED ACRYLIC LENS, FINISH: POLYURETHANE	XTRALIGHT	ISS-4-5000L-35K-DIM	80-CRI, 3500K, 5000 LUMENS, 45 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	P 4	
F1	4" ROUND, FLANGED DOWNLIGHT, REGRESSED SOLUTE LENS, NARROW FLOOD OPTICS, MATTE WHITE FLANGE FINISH, AIRTIGHT / IC HOUSING	SPECIALTY LIGHTING INDUSTRIES	CR4D-RF-FAU-C14-C14-35-24	90-CRI, 3500K, 1075 LUMENS, 15 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
F2	4" ROUND, FLANGED DOWNLIGHT, REGRESSED SOLUTE LENS, FLOOD OPTICS, FLANGE FINISH SELECTED BY THE ARCHITECT, AIRTIGHT / IC HOUSING	SPECIALTY LIGHTING INDUSTRIES	CR4D-RF-FAU-C14-35-38-C14-91A	90-CRI, 3500K, 2235 LUMENS, 15 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
F3	4" ROUND, FLANGED DOWNLIGHT, REGRESSED SOLUTE LENS, FLOOD OPTICS, FLANGE FINISH SELECTED BY THE ARCHITECT, AIRTIGHT / IC HOUSING	SPECIALTY LIGHTING INDUSTRIES	CR4D-RF-FAU-C14-35-38-C14-91A	90-CRI, 3500K, 2235 LUMENS, 15 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
F4	4" ROUND, FLANGED DOWNLIGHT, REGRESSED SOLUTE LENS, SPOT OPTICS, AIRTIGHT / IC HOUSING, DRIP-GLOSS DECORATIVE ELEMENT, ARCHITECT TO CHOOSE BEZEL AND FLANGE FINISH	SPECIALTY LIGHTING INDUSTRIES	SCDD-R-DG-F-8P-C14-35K-10-C1-91L	90-CRI, 3500K, 1075 LUMENS, 15 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
F5	4" ROUND, FLANGED DOWNLIGHT, REGRESSED SOLUTE LENS, NARROW FLOOD OPTICS, FLANGE FINISH SELECTED BY THE ARCHITECT, AIRTIGHT / IC HOUSING	SPECIALTY LIGHTING INDUSTRIES	CR4D-RF-FAU-C20-35-24-C1-90A-91A	90-CRI, 3500K, 1425 LUMENS, 21 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
G1	LINEAR L.E.D. WALL SLOT, 2" REGRESS, SOFT DIFFUSE LENS, MATTE WHITE FINISH	LITECONTROL	4E-WSL-1G-D-XX-X-X-50-C-35K-0700-001-1C-UW	90-CRI, 3500K, 700 LUMENS/FT, 5 WATTS/FT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
H1	LINEAR INDIRECT COVE LUMINAIRE TO BE INSTALLED IN ARMSTRONG AXIOM COVE SYSTEM	VODE	707-29-SL-KX-KX-AC-K-P-AE-0-S-550-49-CI-0-AL-0	90-CRI, 3500K, 750 LUMENS/FT, 5 WATTS/FT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	COVE	
J1	ROOM LUMINAIRE WITH 1/2" ARM MOUNT, FROSTED GLASS DOME, ARCHITECT TO SELECT ALL FINISHES	SPECTRUM	WS32100V-151-35K-RT2-0704-91A7	80-CRI, 3500K, 1500 LUMENS, 15 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	WS	
K1	DISCREET L.E.D. HIGH BAY LUMINAIRE, CAST GLASS REFRACTOR, SINGLE METAL RING BOTTOM RING, ARCHITECT TO SELECT ALL LUMINAIRE FINISHES	SPECTRUM	GPX160V-37L-35K-0510X-SL-1M-0P210-XXX-KX-KX	80-CRI, 3500K, 3700 LUMENS, 28 WATT L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	P	
L1	CONTINUOUS LINEAR LENSED L.E.D. DOWNLIGHT, INTEGRAL DRIVER, ARCHITECT TO SELECT TRIM FINISH	SPECIALTY LIGHTING INDUSTRIES	SLDC-RFC-AF-36-F4-35-5Y1-XXX	90-CRI, 3500K, 316 LUMENS/FT, 5 WATTS/FT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	CR	
M1	2" LINEAR LENSED, PENDANT LUMINAIRE, TO BE SUSPENDED BETWEEN ACQUISITION PANELS, ARCHITECT TO SELECT FINISHES	SPECIALTY LIGHTING INDUSTRIES	SLDC-IP-STM-36-KX-FB-35-5Y1-KXX	90-CRI, 3500K, 790 LUMENS/FT, 30 WATTS/FT L.E.D. LIGHT ENGINE	MFR'S STD 10-0-10V DIMMING DRIVER	120-277	P	
N1	17" DIA. ARCHITECTURAL PENDANT WITH UP AND DOWN LIGHT COMPONENT, SPUN ALUMINUM HOUSING, SEPARATE UP LIGHT AND DOWN LIGHT CONTROL, ARCHITECT TO SELECT FINISHES	IMPACT ARCHITECTURAL LIGHTING	PS917-35-10K-35-10-XXX-XXX-1271-DCDM	80-CRI, 3500K, 4985 LUMENS, 55 WATTS UP, 23.55 LUMENS, 22 WATTS DOWN, L.E.D. LIGHT ENGINE	MFR'S STD 10%, 0-10V DIMMING DRIVER	120-277	P	
O1	WEDGE SHAPED ARCHITECTURAL WALL SLOANE, WIDE OPTICAL DISTRIBUTION, TEXTURED BLACK FINISH	LITHONIA	W03E1 LED P1 30K 80CRI W	80-CRI,				



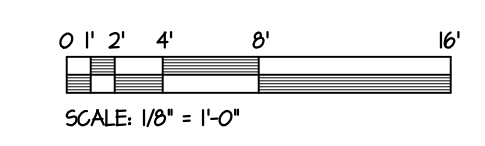
FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

KEYED DRAWING NOTES

- 1 UP TO ROOM CONTROLLER ON MEZZANINE LEVEL. REFER TO DRAWING E02 FOR CONTINUATION.
- 2 UP TO UL 424 EMERGENCY ROOM CONTROLLER ON MEZZANINE LEVEL. REFER TO DRAWING E02 FOR CONTINUATION.
- 3 CONNECT DOWNLIGHT DRIVER TO UL 424 EMERGENCY ROOM CONTROLLER.
- 4 MOUNT APPROXIMATELY 8'-6" A.F.F. TO BOTTOM OF LUMINAIRE.
- 5 MOUNT APPROXIMATELY 8'-0" A.F.F. TO CENTER OF LUMINAIRE.
- 6 CENTER LUMINAIRE VERTICALLY IN UPPERMOST HALL PANEL, APPROXIMATELY 11'-0" A.F.F.
- 7 CENTER LUMINAIRE APPROXIMATELY 11'-0" A.F.F.
- 8 EXTEND 3/4" Ø M.G. Ø M.G. GND. TO NORMALLY ENERGIZED BUS OF EXISTING PANEL. PROVIDE NEW 20 AMP SINGLE POLE CIRCUIT BREAKER.
- 9 LOW VOLTAGE SWITCH FOR MANUAL CONTROL OF MEZZANINE LIGHTING.
- 10 CONNECT TO UNSWITCHED LEG OF EXISTING BRANCH CIRCUIT SERVING LIGHTING REMOVED FROM THIS AREA.
- 11 EXISTING LUMINAIRE RELOCATED AND USED AS TEMPORARY LIGHTING FOR THE FUTURE FEDERAL SUITE.



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



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22-0012

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PROJECT # : 22-0995-0133

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ISSUED		
REV #	DESCRIPTION	DATE
		DATE: ISSUED 3/30/23
A	ISSUED FOR REVIEW	3/22/23

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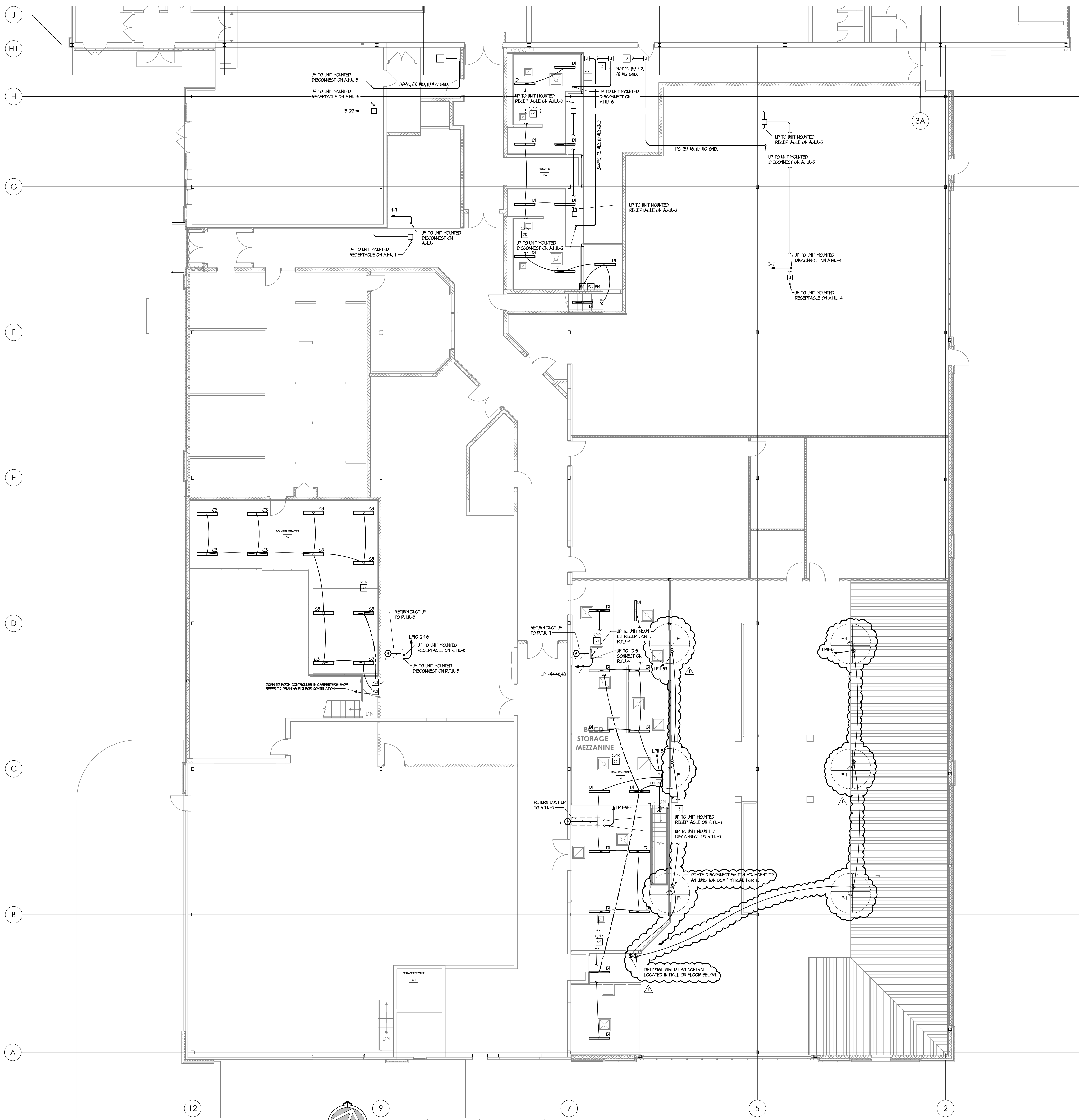
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SHEET TITLE:
FIRST FLOOR LIGHTING PLAN

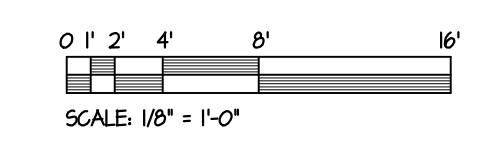
E101

MEZZANINE LIGHTING PLAN

- 1 EXISTING AHJU FEEDER TO PANEL 'W' TO REMAIN, EXTEND TO NEW AHJU LOCATION AS INDICATED.
- 2 EXISTING AHJU FEEDER TO PANEL 'W' TO REMAIN, EXTEND TO NEW AHJU LOCATION AS INDICATED.
- 3 DOWN TO UL 424 EMERGENCY ROOM CONTROLLER BELOW, REFER TO DRAWING E01 FOR CONTINUATION.



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



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ISSUED

DATE: ISSUED 3/30/23

REV#	DESCRIPTION	DATE
1	ADDENDUM 1	05/05/23

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DRAWN BY: S.B.G
CLIENT PROJ #:

1" = 1'-0" SCALE
0 2 4 8

BAR & ONE (1) INCH LONG ON ORIGINAL DRAWINGS

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SHEET TITLE:
MEZZANINE LIGHTING PLAN

E102

EXISTING PANEL 'LP8' SCHEDULE																															
VOLTAGE		208 V/ 120						3Ø, 4W MAIN LUGS						225 AMPS						MOUNTING SURFACE											
AVAILABLE SHORT CIRCUIT CURRENT		12.05 KAC						MAIN BUS						N/A						AMPS											
CKT#	DESCRIPTION	LOAD TYPE	LOAD (VA)	LOAD (KW)	CONDUCTORS	GND SIZE	GND COND SIZE	BKR A/P	PHASE			BKR A/P	CONDO SIZE	CONDO COND SIZE	CONDUCTORS	LOAD (VA)	LOAD TYPE	DESCRIPTION	CKT#	SURFACE											
									A	B	C									BKR A/P	CONDO SIZE	CONDO COND SIZE	CONDUCTORS	LOAD (VA)	LOAD TYPE	DESCRIPTION	CKT#				
1	GARAGE G300 SOUTHWEST	R	540	2	#12	#12	3/4"	20/1	1350	540	20/1	3/4"	#12	#12	2	540	R	TRIPAL SUITE TEMPORARY	2												
2	GARAGE G300 WEST	R	540	2	#12	#12	3/4"	20/1	540	540	20/1	3/4"	#12	#12	2	540	R	SPARE	4												
5	GARAGE G300 NORTHWEST	R	540	2	#12	#12	3/4"	20/1	540	540	20/1	3/4"	#12	#12	2	540	R	SPARE	6												
7	GARAGE G300 NORTH EAST	R	540	2	#12	#12	3/4"	20/1	540	540	20/1	3/4"	#12	#12	2	540	R	SPARE	8												
9	GARAGE G300 EAST	R	540	2	#12	#12	3/4"	20/1	540	540	20/1	3/4"	#12	#12	2	540	R	SPARE	10												
11	RMS G006 G001 G001-18	L	1250	2	#12	#12	3/4"	20/1	1250	1250	20/1	3/4"	#12	#12	2	1250	R	SPARE	12												
13	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	14												
15	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	16												
17	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	18												
19	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	20												
21	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	22												
23	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	24												
25	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	26												
27	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	28												
29	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	30												
31	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	32												
33	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	34												
35	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	36												
37	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	38												
39	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	40												
41	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	42												
TOTAL CONNECTED LOAD (VA) A, B, C		1890						1080						1790						KVA WITH DIVERSITY APPLIED						4.8					
TOTAL CONNECTED LOAD (AMPS) A,B,C		15.8						9.6						14.9						AMPS WITH DIVERSITY APPLIED						13.23					

LOAD BREAKDOWN			
CONNECTED	W / DIVERSITY	CONNECTED	W / DIVERSITY
HEAT PUMP (HP) KVA	0	NO DIVERSITY	0.0
KITCHEN EQUIPMENT (E) KVA	0	N.E.C. TABLE 220.56	0.0
SITE LIGHTING (SL) KVA	0	NO DIVERSITY	0.0
ELECTRIC WATER HEATING (EWH) KVA	0	NO DIVERSITY	0.0
UNASSIGNED (S)	0	0.0	UNASSIGNED (N)
UNASSIGNED (T)	0	0.0	UNASSIGNED (N)

EXISTING PANEL 'B' SCHEDULE																															
VOLTAGE		208 V/ 120						3Ø, 4W MAIN LUGS						225 AMPS						MOUNTING SURFACE											
AVAILABLE SHORT CIRCUIT CURRENT		12.05 KAC						MAIN BUS						N/A						AMPS											
CKT#	DESCRIPTION	LOAD TYPE	LOAD (VA)	LOAD (KW)	CONDUCTORS	GND SIZE	GND COND SIZE	BKR A/P	PHASE			BKR A/P	CONDO SIZE	CONDO COND SIZE	CONDUCTORS	LOAD (VA)	LOAD TYPE	DESCRIPTION	CKT#	SURFACE											
									A	B	C									BKR A/P	CONDO SIZE	CONDO COND SIZE	CONDUCTORS	LOAD (VA)	LOAD TYPE	DESCRIPTION	CKT#				
1	BOILER RM LIGHTS	R	20/1	0	0	20/1	3/4"	#12	#12	2	0	20/1	3/4"	#12	#12	2	0	R	BOILER RM LIGHT HEATERS	2											
5	A/C SYSTEM	R	20/1	0	0	20/1	3/4"	#12	#12	2	0	20/1	3/4"	#12	#12	2	0	R	WATER SOFTENER	4											
8	AHJL - 4 - SHP	M	1685	3	#10	#10	3/4"	30/3	2400	2400	20/1	3/4"	#12	#12	2	2400	M	BOILER #2 FEED PUMP	6												
9	AHJL - 6	M	1145	2	#12	#12	3/4"	20/3	1145	1145	20/3	3/4"	#12	#12	2	1145	M	BOILER #2	10												
11	SPARE							20/3	425	425	20/3	3/4"	#12	#12	2	425	M	BOILER RM EXHAUST FAN	13												
13	SPARE							20/3	1885	1885	20/3	3/4"	#12	#12	2	1885	M	AHJL - 3 - SHP	14												
15	AHJL - 5 - SHP	M	3300	6	#10	#10	3/4"	60/3	3300	3300	20/3	3/4"	#12	#12	2	3300	M	BOILER #2 CONTROL CKT.	20												
17	SPACE							20/3	0	0	20/3	3/4"	#12	#12	2	0	R	SPACE	21												
TOTAL CONNECTED LOAD (VA) A, B, C		9035						9035						9035						KVA WITH DIVERSITY APPLIED						27.1					
TOTAL CONNECTED LOAD (AMPS) A,B,C		75.3						75.3						75.3						AMPS WITH DIVERSITY APPLIED						13.23					

LOAD BREAKDOWN			
CONNECTED	W / DIVERSITY	CONNECTED	W / DIVERSITY
HEAT PUMP (HP) KVA	0	NO DIVERSITY	0.0
KITCHEN EQUIPMENT (E) KVA	0	N.E.C. TABLE 220.56	0.0
SITE LIGHTING (SL) KVA	0	NO DIVERSITY	0.0
ELECTRIC WATER HEATING (EWH) KVA	0	NO DIVERSITY	0.0
UNASSIGNED (S)	0	0.0	UNASSIGNED (N)
UNASSIGNED (T)	0	0.0	UNASSIGNED (N)

NEW PANEL 'LP11' SCHEDULE (1ST SECTION)																															
VOLTAGE		208 V/ 120						3Ø, 4W MAIN LUGS						400 AMPS						MOUNTING SURFACE											
AVAILABLE SHORT CIRCUIT CURRENT		12.05 KAC						MAIN BUS						N/A						AMPS											
CKT#	DESCRIPTION	LOAD TYPE	LOAD (VA)	LOAD (KW)	CONDUCTORS	GND SIZE	GND COND SIZE	BKR A/P	PHASE			BKR A/P	CONDO SIZE	CONDO COND SIZE	CONDUCTORS	LOAD (VA)	LOAD TYPE	DESCRIPTION	CKT#	SURFACE											
									A	B	C									BKR A/P	CONDO SIZE	CONDO COND SIZE	CONDUCTORS	LOAD (VA)	LOAD TYPE	DESCRIPTION	CKT#				
1	MEETING G013 A/V RECEIPTS	R	1080	2	#12	#12	3/4"	20/1	2160	2160	20/1	3/4"	#12	#12	2	2160	R	DIRECTOR G006	2												
3	MEETING G013 FLOOR BOBES	R	1440	2	#12	#12	3/4"	20/1	2880	2880	20/1	3/4"	#12	#12	2	2880	R	OFFICE MEA G207	4												
5	MEETING G013 B & RECEIPTS	R	1080	2	#12	#12	3/4"	20/1	2160	2160	20/1	3/4"	#12	#12	2	2160	R	URBAN OFFICE G208	6												
7	G013 E, G014, G214 RECEIPTS	R	720	2	#12	#12	3/4"	20/1	1440	1440	20/1	3/4"	#12	#12	2	1440	R	WATERHEED OFFICE G209	8												
9	MEETING G024 A/V RECEIPTS	R	540	2	#12	#12	3/4"	20/1	1080	1080	20/1	3/4"	#12	#12	2	1080	R	AD OFFICE G210	10												
11	MEETING G024 FLOOR BOBES	R	1440	2	#12	#12	3/4"	20/1	2880	2880	20/1	3/4"	#12	#12	2	2880	R	ITD OFFICE G211	12												
13	MEETING G024 RECEIPTS	R	1440	2	#12	#12	3/4"	20/1	2880	2880	20/1	3/4"	#12	#12	2	2880	R	INSECT OFFICE G212 N	14												
15	MUD G214, STON G215	R	720	2	#12	#12	3/4"	20/1	1440	1440	20/1	3/4"	#12	#12	2	1440	R	INSECT OFFICE G212 S	16												
17	WORK COUNTER G211A	R	360	2	#12	#12	3/4"	20/1	720	720	20/1	3/4"	#12	#12	2	720	R	G218 MEETING AREA	18												
19	WORK COUNTER G211A	R	360	2	#12	#12	3/4"	20/1	720	720	20/1	3/4"	#12	#12	2	720	R	BREAK G213 REFRIGERATOR	20												
21	G216, G217, G219	R	900	2	#12	#12	3/4"	20/1	1800	1800	20/1	3/4"	#12	#12	2	1800	R	BREAK G213 COUNTER MICRO	22												
23	OPEN OFFICE G216 CTRL WEST	R	1080	2	#12	#12	3/4"	20/1	2160	2160	20/1	3/4"	#12	#12	2	2160	R	BREAK G213 COUNTER	24												
25	OPEN OFFICE G216 CTRL CENT	R	1080	2	#12	#12	3/4"	20/1	2160	2160	20/1	3/4"	#12	#12	2	2160	R	BREAK G213 COUNTER	26												
27	COPY G202A	R	1440	2	#12	#12	3/4"	20/1	2880	2880	20/1	3/4"	#12	#12	2	2880	R	OPEN OFF G216 FURN FEED	28												
29	OPEN OFF G216 FURN FEED	R	900	4	#12	#12	3/4"	20/1	3600	3600	20/1	3/4"	#12	#12	4	900	R	NORTHWEST	30												
31	SOUTHWEST	R	900	4	#12	#12	3/4"	20/1	3600	3600	20/1	3/4"	#12	#12	4	900	R	OPEN OFF G216 FURN FEED	32												
33	SOUTHEAST	R	900	4	#12	#12	3/4"	20/1	3600	3600	20/1	3/4"	#12	#12	4	900	R	SPARE	34												
35	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	36												
37	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	38												
39	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	40												
41	SPARE							20/1	0	0	20/1	3/4"	#12	#12	2	0	R	SPARE	42												
TOTAL CONNECTED LOAD (VA) A, B, C		27455						27155						24615						KVA WITH DIVERSITY APPLIED						86.5					
TOTAL CONNECTED LOAD (AMPS) A,B,C		228.8						226.3						216.8						AMPS WITH DIVERSITY APPLIED						240.47					

LOAD BREAKDOWN			
CONNECTED	W / DIVERSITY	CONNECTED	W / DIVERSITY
HEAT PUMP (HP) KVA	0	NO DIVERSITY	0.0
KITCHEN EQUIPMENT (E) KVA	0	N.E.C. TABLE 220.56	0.0
SITE LIGHTING (SL) KVA	0	NO DIVERSITY	0.0
ELECTRIC WATER HEATING (EWH) KVA	0	NO DIVERSITY	0.0
UNASSIGNED (S)	0	0.0	UNASSIGNED (N)
UNASSIGNED (T)	0	0.0	UNASSIGNED (N)

EXISTING PANEL 'LP																											
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--