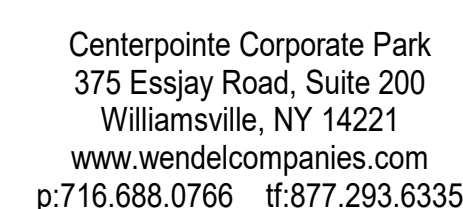




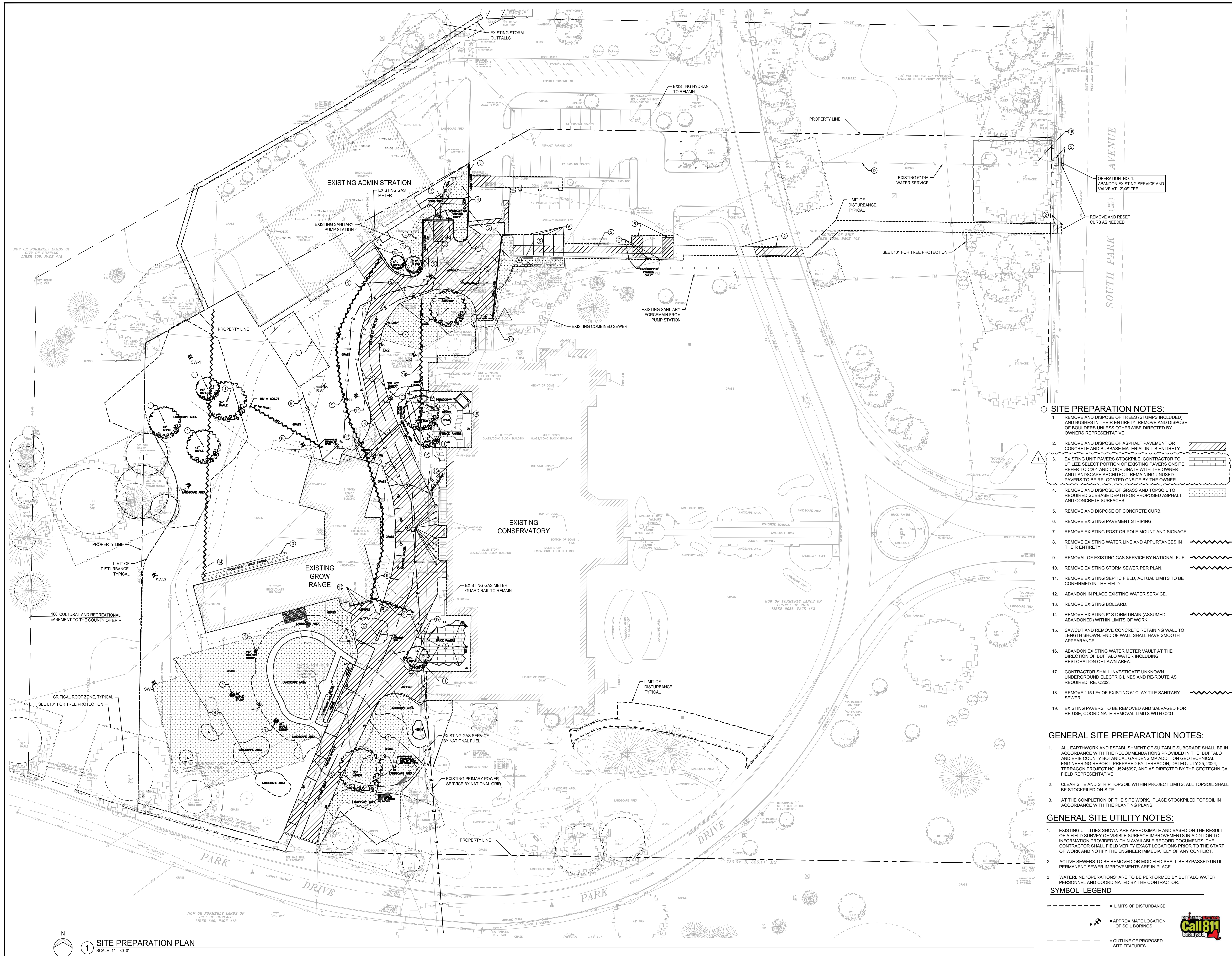
**Buffalo And Erie County Botanical
Gardens Addition
100% CONSTRUCTION
DOCUMENTS**

Buffalo And Erie County Botanical Gardens Addition

02/18/2025



ENCORUS GROUP
23 MECHANIC STREET
SPRINGVILLE, NY, 14141
T. 716-592-3980



○ SITE PREPARATION NOTES:

1. REMOVE AND DISPOSE OF TREES (STUMPS INCLUDED) AND BUSHES IN THEIR ENTIRETY. REMOVE AND DISPOSE OF Boulders UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.
2. REMOVE AND DISPOSE OF ASPHALT PAVEMENT OR CONCRETE AND SUBBASE MATERIAL IN ITS ENTIRETY.
3. EXISTING UNIT PAVERS STOCKPILE. CONTRACTOR TO UTILIZE SELECT PORTION OF EXISTING PAVERS ON-SITE. REFER TO C201 AND COORDINATE WITH THE OWNER AND LANDSCAPE ARCHITECT. REMAINING UNUSED PAVERS TO BE RELOCATED ON-SITE BY THE OWNER.
4. REMOVE AND DISPOSE OF GRASS AND TOPSOIL TO REQUIRED SUBBASE DEPTH FOR PROPOSED ASPHALT AND CONCRETE SURFACES.
5. REMOVE AND DISPOSE OF CONCRETE CURB.
6. REMOVE EXISTING PAVEMENT STRIPING.
7. REMOVE EXISTING POST OR POLE MOUNT AND SIGNAGE.
8. REMOVE EXISTING WATER LINE AND APPURTANCES IN THEIR ENTIRETY.
9. REMOVAL OF EXISTING GAS SERVICE BY NATIONAL FUEL.
10. REMOVE EXISTING STORM SEWER PER PLAN.
11. REMOVE EXISTING SEPTIC FIELD; ACTUAL LIMITS TO BE CONFIRMED IN THE FIELD.
12. ABANDON IN PLACE EXISTING WATER SERVICE.
13. REMOVE EXISTING BOLLARD.
14. REMOVE EXISTING 6" STORM DRAIN (ASSUMED ABANDONED) WITHIN LIMITS OF WORK.
15. SAWCUT AND REMOVE CONCRETE RETAINING WALL TO LENGTH SHOWN. END OF WALL SHALL HAVE SMOOTH APPEARANCE.
16. ABANDON EXISTING WATER METER VAULT AT THE DIRECTION OF BUFFALO WATER INCLUDING RESTORATION OF LAWN AREA.
17. CONTRACTOR SHALL INVESTIGATE UNKNOWN UNDERGROUND ELECTRIC LINES AND RE-ROUTE AS REQUIRED; RE: C202.
18. REMOVE 115 LF± OF EXISTING 6" CLAY TILE SANITARY SEWER.
19. EXISTING PAVERS TO BE REMOVED AND SALVAGED FOR RE-USE; COORDINATE REMOVAL LIMITS WITH C201.

GENERAL SITE PREPARATION NOTES:

1. ALL EARTHWORK AND ESTABLISHMENT OF SUITABLE SUBGRADE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THE BUFFALO AND ERIE COUNTY BOTANICAL GARDENS MP ADDITION GEOTECHNICAL ENGINEERING REPORT, PREPARED BY TERRACON, DATED JULY 25, 2024; TERRACON PROJECT NO. J5245097, AND AS DIRECTED BY THE GEOTECHNICAL FIELD REPRESENTATIVE.
2. CLEAR SITE AND STRIP TOPSOIL WITHIN PROJECT LIMITS. ALL TOPSOIL SHALL BE STOCKPILED ON-SITE.
3. AT THE COMPLETION OF THE SITE WORK, PLACE STOCKPILED TOPSOIL IN ACCORDANCE WITH THE PLANTING PLANS.

GENERAL SITE UTILITY NOTES:

1. EXISTING UTILITIES SHOWN ARE APPROXIMATE AND BASED ON THE RESULT OF A FIELD SURVEY OF VISIBLE SURFACE IMPROVEMENTS IN ADDITION TO INFORMATION PROVIDED WITHIN AVAILABLE RECORD DOCUMENTS. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO THE START OF WORK AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICT.
2. ACTIVE SEWERS TO BE REMOVED OR MODIFIED SHALL BE BYPASSED UNTIL PERMANENT SEWER IMPROVEMENTS ARE IN PLACE.
3. WATERLINE "OPERATIONS" ARE TO BE PERFORMED BY BUFFALO WATER PERSONNEL AND COORDINATED BY THE CONTRACTOR.

SYMBOL LEGEND

- LIMITS OF DISTURBANCE
- APPROXIMATE LOCATION OF SOIL BORINGS
- OUTLINE OF PROPOSED SITE FEATURES

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NO.	REVISIONS	DATE
1	ADDENDUM #2	3-16-2025
2	ISSUE FOR BID	2-18-2025

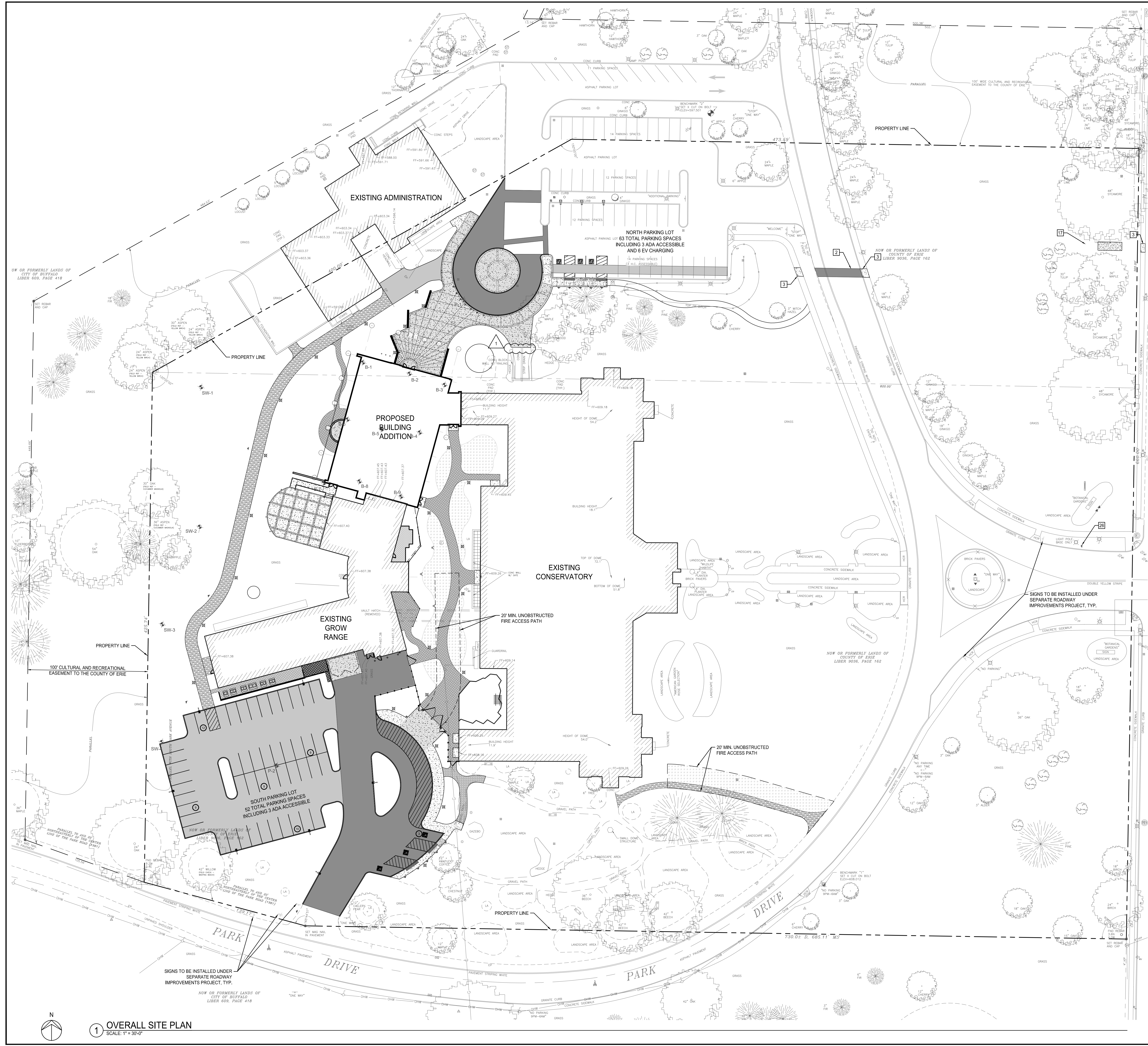
DWG. TITLE

SITE PREPARATION PLAN

GENERIC SCALE BAR
SCALE BAR SHOWING FEET INCHES ON THE ORIGINAL DRAWING.
IF NOT TWO FEET ON THE SHEET, SCALE ACCURATELY.

DATE	2/18/2025
SCALE	AS NOTED
DWN.	IR2
CHK.	TAR
PROJ. NO.	605802
DWG. NO.	





SITE LAYOUT NOTES:

1. LIGHT DUTY ASPHALT PAVEMENT RE: 1, C501
2. HEAVY DUTY ASPHALT PAVEMENT RE: 1, C501
3. CONCRETE SIDEWALK RE: 2, 4, 5, C501
4. STAMPED CONCRETE RE: 2, 4, 5, C501
5. HEAVY DUTY CONCRETE RE: 2, 4, 5, C501
6. STANDARD STONE DUST PATH RE: 5, C502
7. HEAVY DUTY STONE DUST PATH RE: 6, C502
8. 4" YELLOW PAVEMENT STRIPING
9. ACCESSIBLE PARKING STRIPING AND SYMBOL RE: 1, C502
10. ACCESSIBLE PARKING SIGN RE: 2, C502
11. REINFORCED TURF, REFER TO LANDSCAPE DRAWINGS
12. CONCRETE CURB RE: 3, C501
13. CONNECT TO EXISTING GRAVEL PATH
14. ADA ACCESSIBLE RAMP RE: 8, C501
15. CURB TAPER RE: 9, C501
16. TOOLED CONCRETE JOINT (TJ) RE: 5, C501
17. CONCRETE PAD WITH CONCRETE FILLED BOLLARDS RE: 6 AND 10, C501
18. REMOVABLE BOLLARDS RE: 11, C501
19. DUMPSTER ENCLOSURE RE: 7, C502
20. COURTYARD SECURITY FENCING; RE: 9, L501
21. DUAL SWING GATE, 20' WIDE OPENING, STANDARD GATES #58 OR APPROVED EQUAL, WITH UTILITY / FIRE DEPT. ACCESS LOCK, UL-325 RATED, AND MATCHING 4' WIDE SINGLE SWING GATE WITH LOCKING AND PANIC BAR HARDWARE.
22. SEAT WALL, ALL WALL SURFACES TO MATCH; RE: 13, C501
23. CONCRETE PAD AND BOLLARD FOR EV CHARGERS RE: 10, C501 AND ELECTRICAL DRAWINGS.
24. SITE LIGHTING; REFER TO ELECTRICAL DRAWINGS
25. DO NOT ENTER SIGN RE: 2, C502
26. FIRE DEPARTMENT CONNECTION SIGN RE: 2, C502
27. SCREENING FOR AIR HANDLING UNITS; RE: 4, 5, 6 A202
28. BOLLARD; RE: 10, C501
29. MOUNTABLE CURB; RE: 12 C501
30. SINGLE SWING GATE, 6' WIDE OPENING, STANDARD GATES #58 OR APPROVED EQUAL, WITH LOCKING HARDWARE.
31. ADJUST FENCE POST SPACING AS REQUIRED TO ACCOMMODATE EXISTING TUNNEL.
32. NO PARKING FIRE LANE SIGN RE: 2, C502
33. RETAINING WALL, MATCH APPEARANCE OF SEAT WALL SURFACES; REFER TO STRUCTURAL DRAWINGS.
34. RELOCATED STOCKPILED UNIT PAVERS WITH RESTRAINT EDGING; RE: 4, C502
35. ORGANICLOCK STABILIZED AGGREGATE PATH; RE: 8, L501
36. EXISTING UNIT PAVERS TO REMAIN AND PROTECTED IN PLACE

GENERAL CONSTRUCTION NOTES:

1. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING.
2. REFER TO C300s FOR GRADING AND DRAINAGE PLAN.
3. REFER TO LANDSCAPE PLANS FOR SOILS, HARDSCAPE, PLANTINGS, AND DETAILS ON RESTORATION.
4. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION ON THE BUILDING ELEMENTS.
5. ALL SEWERS SHALL REMAIN ACTIVE THROUGHOUT CONSTRUCTION.

PARKING SPACE COUNTS:
TOTAL NORTH LOT = 63 INCL. 3 ADA
TOTAL SOUTH LOT = 52 INCL. 3 ADA



Buffalo & Erie County
Botanical Gardens
2655 SOUTH PARK AVENUE
BUFFALO, NEW YORK, 14218

Buffalo and Erie County Botanical
Gardens Addition
ISSUED FOR BID



Centerpointe Corporate Park
375 Essay Rd, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p:716.688.0766 f:716.625.6255

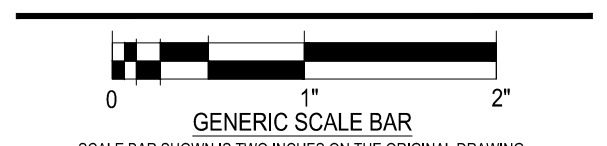
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bucholzmcveyARCHITECTS

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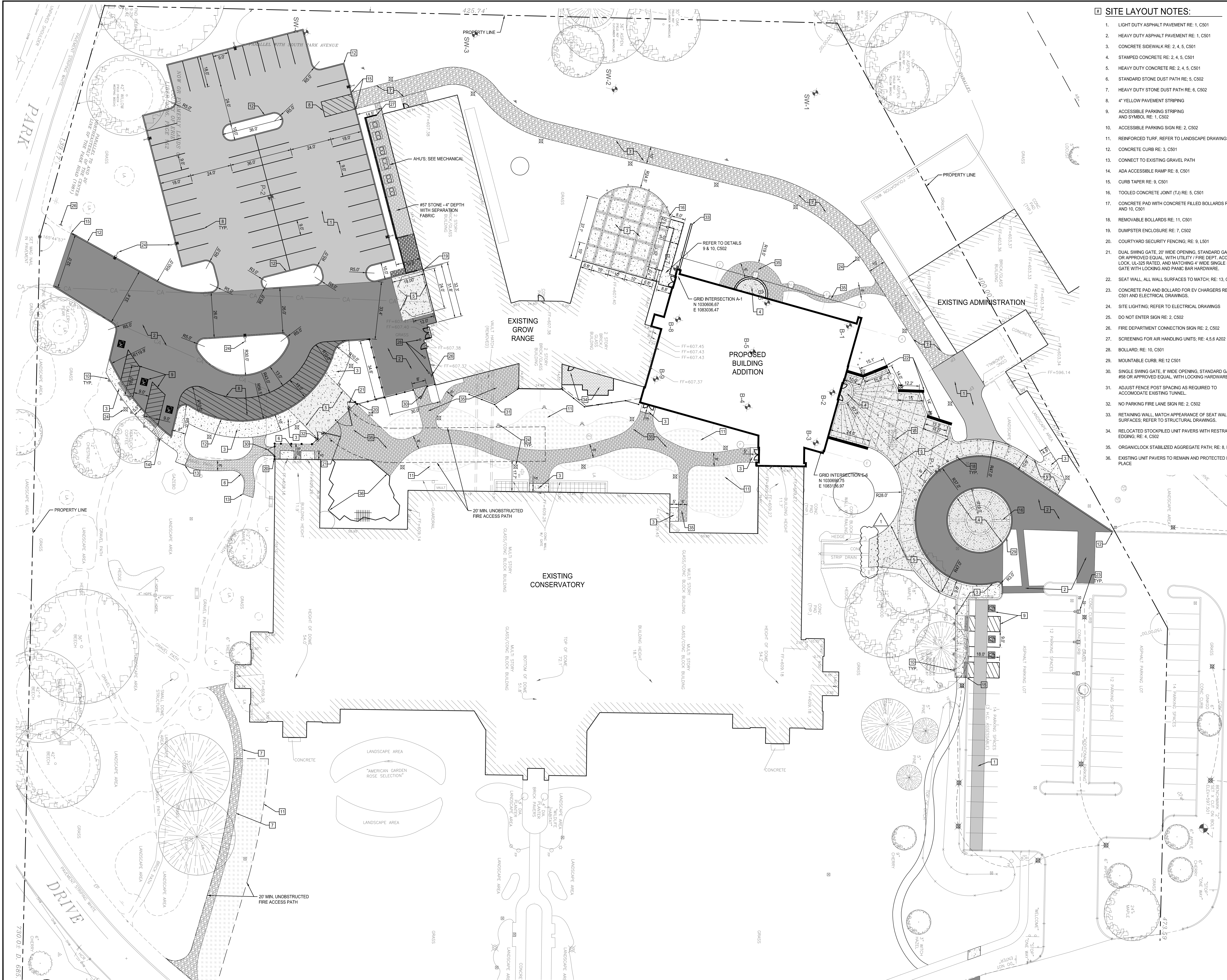
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OVERALL SITE PLAN



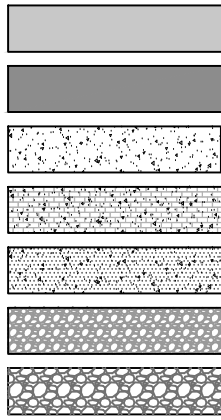
DATE	2/18/2025
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DWN.	IR2
CHK.	TAR
PROJ. No.	605802
DWG. No.	

C200



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29. MOUNTABLE CURB, RE: 12 C501
30. SINGLE SWING GATE, 8' WIDE OPENING, STANDARD GATES #58 OR APPROVED EQUAL, WITH LOCKING HARDWARE.
31. ADJUST FENCE POST SPACING AS REQUIRED TO ACCOMMODATE EXISTING TUNNEL.
32. NO PARKING FIRE LANE SIGN RE: 2, C502
33. RETAINING WALL, MATCH APPEARANCE OF SEAT WALL SURFACES, REFER TO STRUCTURAL DRAWINGS.
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bucholzmcveyARCHITECTS

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NO.	REVISIONS	DATE
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DWG. TITLE

SITE LAYOUT
ENLARGED PLAN



DATE	2/18/2025
SCALE	AS NOTED
DWN.	IR2
CHK.	TAR
PROJ. No.	605802
DWG. No.	

C201



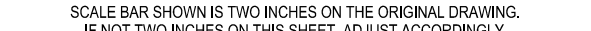
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23. CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT FEES.

SANITARY SEWER DETAILS



DATE 2/18/2025

SCALE AS NOTED

DWN.	IR2	CHK	TAR
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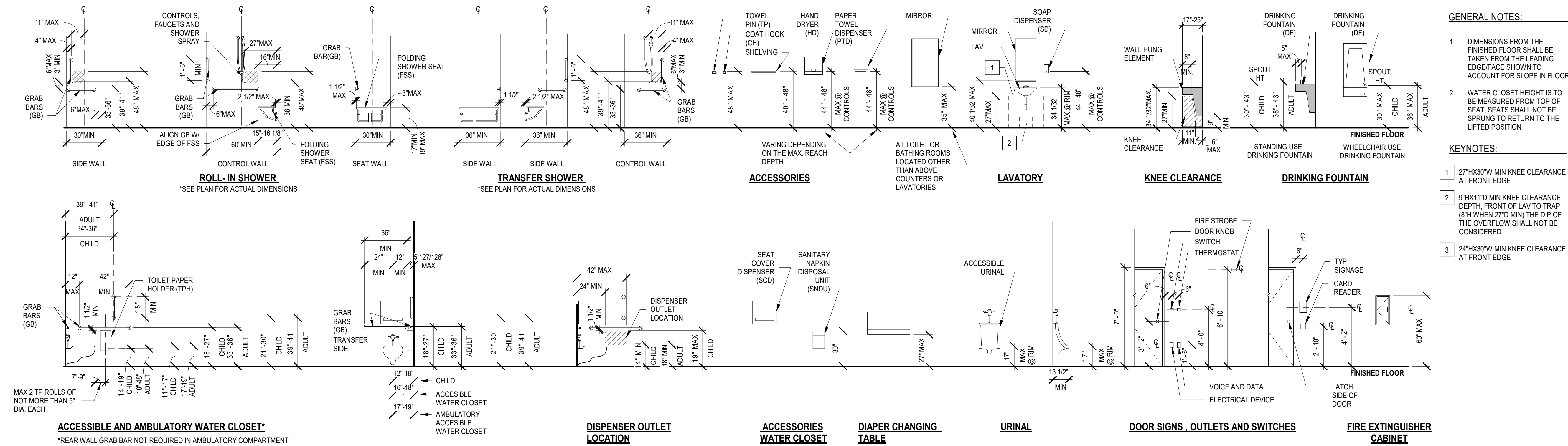
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TYP FIXTURE MOUNTING HEIGHTS:



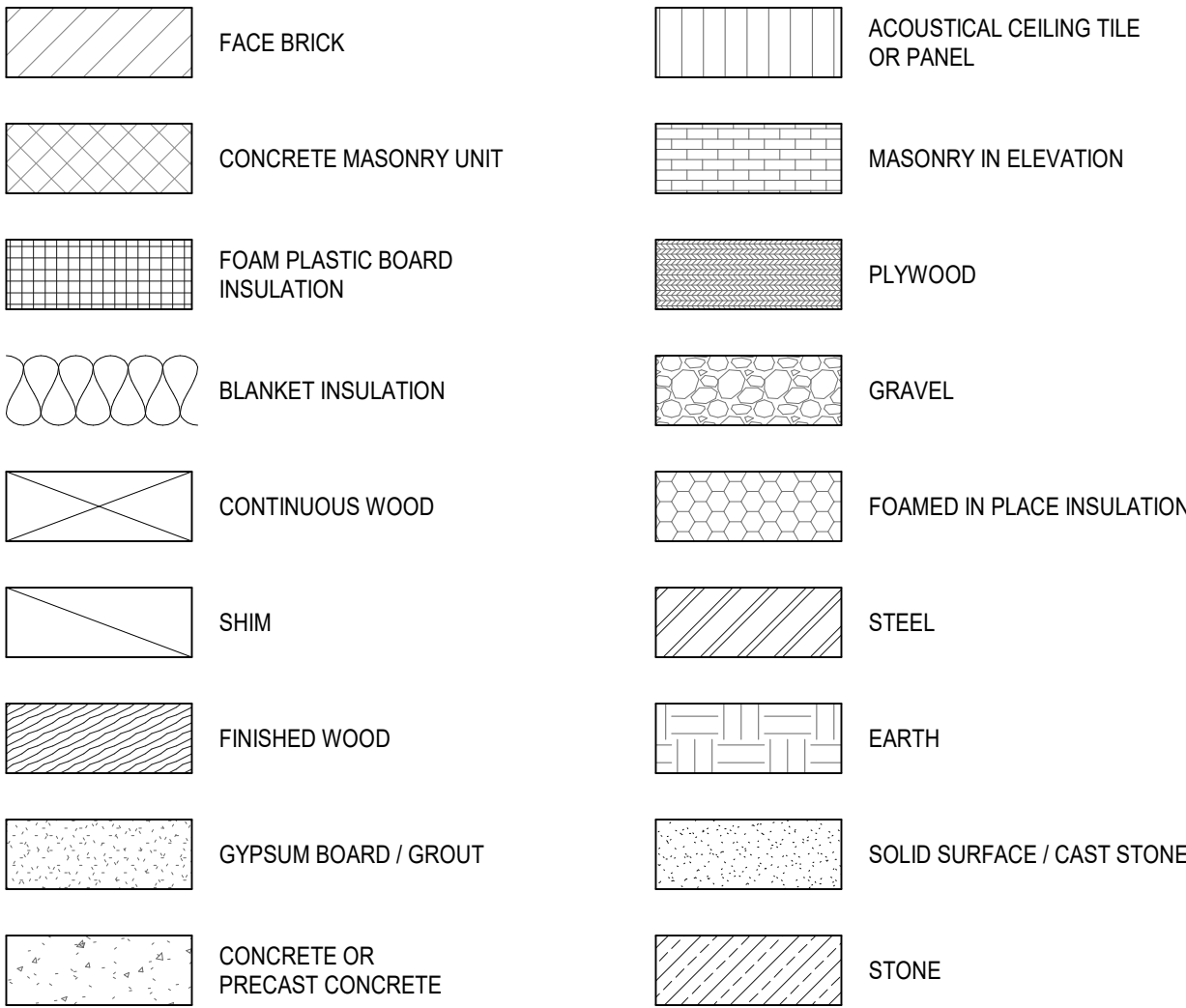
GENERAL NOTES:

- DIMENSIONS FROM THE FINISHED FLOOR SHALL BE TAKEN FROM THE LEADING EDGE/FACE SHOWN TO ACCOUNT FOR SLOPE IN FLOOR
- WATER CLOSET HEIGHT IS TO BE MEASURED FROM TOP OF SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO THE LIFTED POSITION

KEYNOTES:

- 27"x30" MIN KNEE CLEARANCE AT FRONT EDGE
- 9"x11" MIN KNEE CLEARANCE DEPTH FRONT OF LAV TO TRAP (8" WHEN 27" MIN) THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED
- 24"x30" MIN KNEE CLEARANCE AT FRONT EDGE

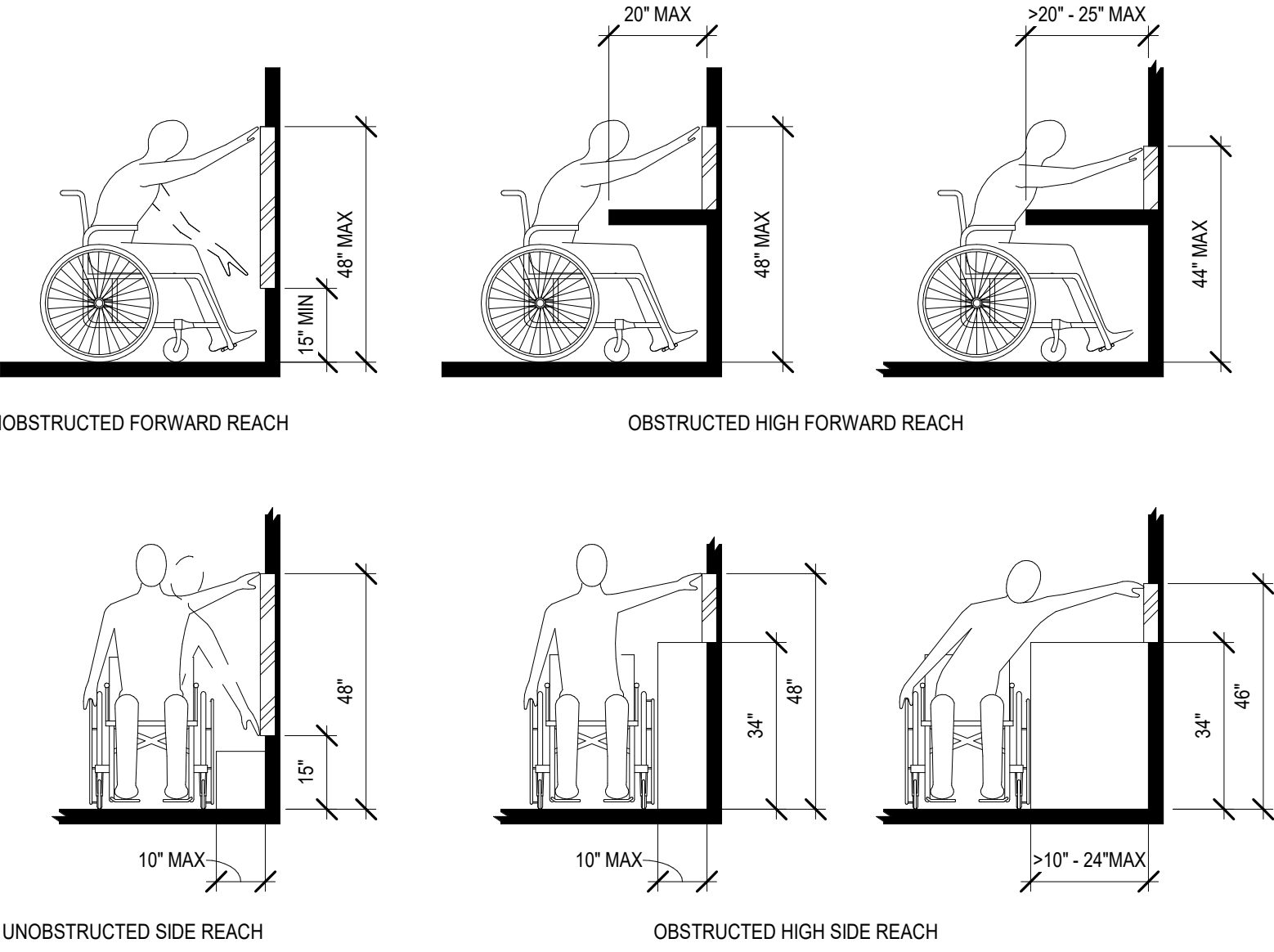
MATERIALS LEGEND:



GENERAL NOTES:

- THE PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND WILL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND GENERAL NOTES. IN CASES, IF ANY, WHERE REQUIREMENTS INDICATED ON THE ARCHITECTURAL DRAWINGS DIFFER FROM THE SPECIFICATIONS, NOTIFY THE ARCHITECT.
- UNLESS OTHERWISE NOTED, DETAILS, SECTIONS AND NOTES CONTAINED IN THE ARCHITECTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS EVEN IF NOT EXPLICITLY REFERENCED.
- DEFICIENT WORK AND/OR WORK NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL REIMBURSE THE PARTIES REQUIRED FOR PERFORMING THE DESIGN SERVICES ARISING FROM DEFICIENT WORK, REVIEW OF MODIFICATIONS/CONTRACTOR SUBSTITUTION, OR EXPEDITING OF SUBMITTALS.
- COST OF INVESTIGATION AND/OR REDESIGN INCURRED BY THE ARCHITECT DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE.
- VERIFY IN THE FIELD (VIF) ALL EXISTING JOB CONDITIONS. REVIEW ALL CONTRACT DRAWINGS, AND VERIFY DIMENSIONS AND ELEVATIONS NOTED IN THE CONTRACT DOCUMENTS PRIOR TO THE START OF WORK.
- USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE THESE DRAWINGS OR USE DIMENSIONS OBTAINED FROM ELECTRONIC DRAWING OR MODEL FILES, IF PROVIDED.
- *OWNER* REFERS TO THE PROJECT OWNER, THE BUFFALO AND ERIE COUNTY BOTANICAL GARDENS SOCIETY, INC.

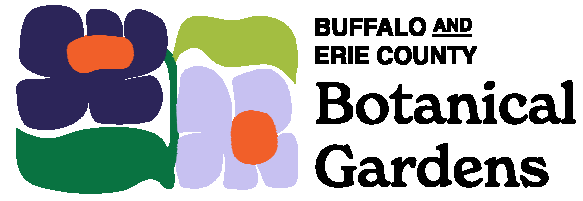
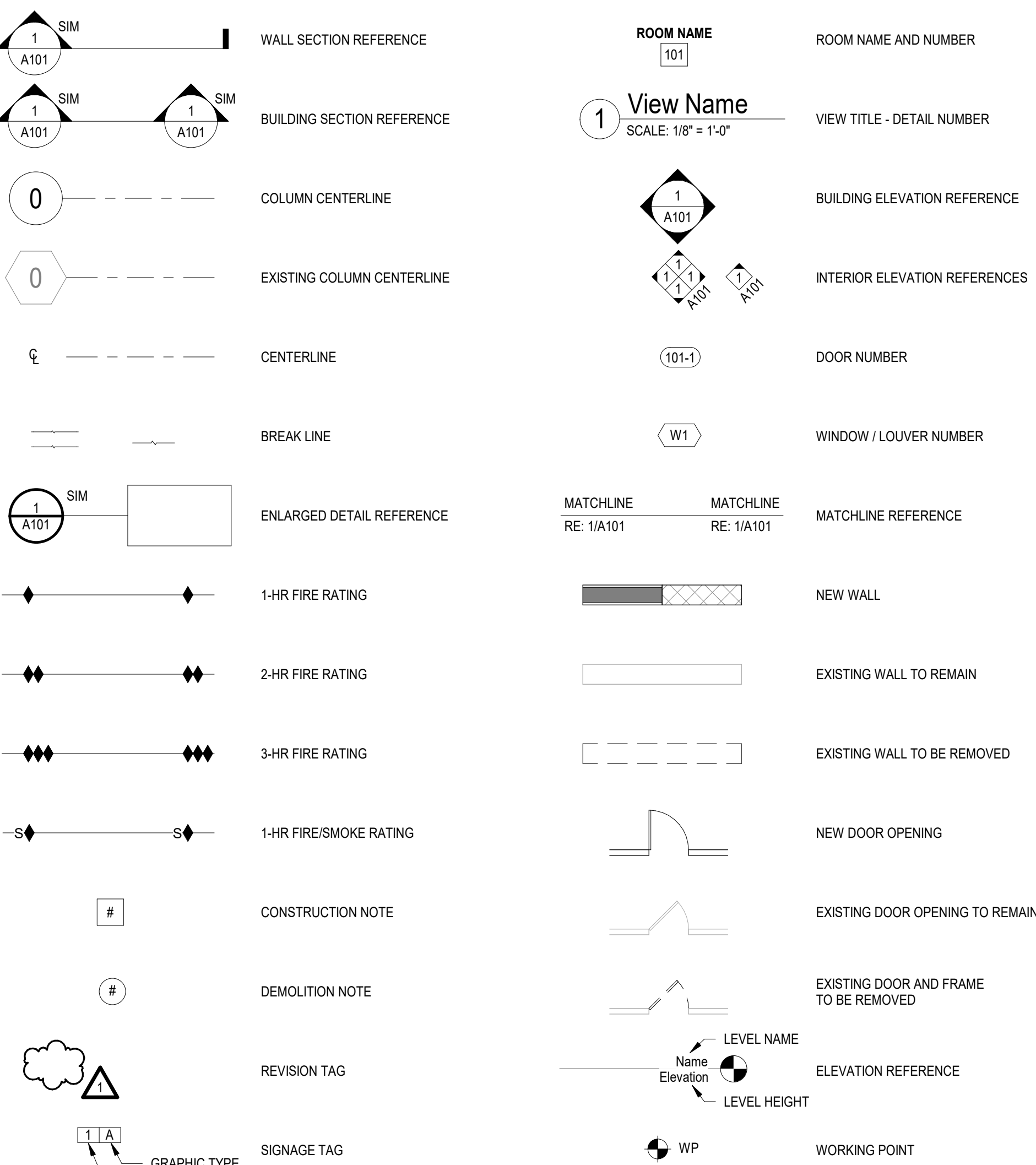
ADA REACH RANGE FIGURES:



ABBREVIATIONS

A/C	AIR CONDITION	EF	EACH FACE	LH	LEFT HAND	RR	RAILROAD
ACP	ACCOUSTICAL CEILING PANEL	EFS	EXTERIOR INSULATION AND FINISH SYSTEM	LHR	LEFT HAND REVERSE	RTU	ROOF TOP UNIT
ACS DR	ACCESS DOOR	EXP	EXPANSION JOINT	LIN	LINEAR	RV	ROOF VENT
ACS PNL	ACCESS PANEL	EJ	ELEVATION	LHL	LONG LEG HORIZONTAL	S	SOUTH
ACT	ACCOUSTICAL CEILING TILE	ELEC	ELECTRICAL	LHV	LONG LEG VERTICAL	SA	SUPPLY AIR
ADA	AMERICANS WITH DISABILITIES ACT	ELEV	ELEVATOR	LANDSCP	LANDSCAPE	SC	SOLID CORE
ADJ	ADJACENT/ADJUSTABLE	ENCL	ENCLOSURE	LOC	LOCATION	SCD	SEAT COVER DISPENSER
AFF	ABOVE FINISHED FLOOR	EP	ELECTRICAL SEAL	LPT	LOW POINT	SCHED	SCHEDULE
AHU	AIR HANDLING UNIT	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	LVT	LUXURY VINYL TILE	SD	SOAP DISPENSER
ALT	ALTERNATE	EQ	EQUAL	MATL	MATERIAL	SECT	SECTION
ALUM	ALUMINUM	EQUIP	EQUIPMENT	MAX	MAXIMUM	SF	SQUARE FOOT (FEET)
ANOD	ANODIZE	ETC	ET CETERA	MECH	MECHANICAL	SFS	STOREFRONT SYSTEM
ANT	ANTENNA	ETR	EXISTING TO REMAIN	MEP	MECHANICAL	SHR	SHOWER
AOR	AREA OF REFUGE	EWG	ELECTRIC WATER COOLER	MEZZ	MEZZANINE	SHT	SHEET
APPROX	APPROXIMATELY	EXH FAN	EXHAUST FAN	MFR	MANUFACTURER	SHTHG	SHEATHING
ARCH	ARCHITECT	EXP	EXPANSION/EXPOSED	MIN	MINIMUM	SHV	SHELVING
ASSY	ASSEMBLY	EXIST	EXISTING	MIRR	MIRROR	SIM	SIMILAR
AV	AUDIO VISUAL	EXT	EXTERIOR	MISC	MISCELLANEOUS	SLNT	SEALANT
BD	BOARD	EXTRU	EXTRUSION	MO	MASONRY OPENING	SND	SANITARY NAPKIN DISPENSER
BLDG	BUILDING	FF	FACE TO FACE	MOD BIT	MODIFIED BITUMEN	SNDU	SANITARY NAPKIN DISPOSAL UNIT
BOT	BOTTOM	FCP	FIBER CEMENT PANEL	MTD	MOUNTED	SP	STAND PIPE
BQ	BANQUET HALL	FD	FLOOR DRAIN	MTL	METAL	SP FIN	SPECIAL FINISH
BRG	BEARING	FDTN	FOUNDATION	MTLP	METAL PARTITION	SPEC	SPECIFICATION
BSMT	BASEMENT	FE	FIRE EXTINGUISHER	N	NOT APPLICABLE	SS	SQUARE
BTWN	BETWEEN	FEC	FIRE EXTINGUISHER CABINET	NA	NOT APPLICABLE	SS	STORM SEWER
BUR	BUILT UP ROOFING	FF	FINISHED FACE	NIC	NOT IN CONTRACT	SSM	SOLID SURFACE MATERIAL
BYND	BEYOND	FHC	FIRE HOSE CABINET	NO	NUMBER	SSMR	STANDING SEAM METAL ROOF
C TO C	CENTER TO CENTER	FIN	FINISH	NRG	NOISE REDUCTION COEFFICIENT	SST	STAINLESS STEEL
CAB	CABINET	FIN FLR	FINISHED FLOOR	NTS	NOT TO SCALE	STN	SOUND TRANSMISSION CLASS
CB	CATCH BASIN	FLASH	FLASHING	OC	ON CENTER	STD	STANDARD
CDCT	CIRCULAR DUCT	FLR	FLOOR	OCC	OCCUPANCY	STL	STEEL
CFMF	COLD-FORMED METAL FRAMING	FO	FACE OF	OD	OUTSIDE DIAMETER	STRUCT	STRUCTURAL
CFS	COMPOSITE FRAMING SUPPORT	FCC	FACE OF CONCRETE	OFCI	OWNER FURNISHED CONTRACTOR	SUSP	SUSPEND
CG	CORNER GUARD	FOM	FACE OF MASONRY	OM	OWNER FURNISHED OWNER INSTALLED	SV	SHEET VINYL/SMOKE VENT
CGFSU	CERAMIC GLAZED STRUCTURAL FACING UNITS	FOS	FACE OF SHEATHING	OFOI	OWNER FURNISHED OWNER INSTALLED	SYMM	SYMMETRICAL
CH	CHALK BOARD	FR	FRAME	OH	OVERHANG	T	TREAD
CH BD	CHALK BOARD	FRG	FIBER REINFORCED GYPSUM	OPH	OPPOSITE HAND	T&B	TOP AND BOTTOM
CJ	CONTROL JOINT	FRT	FIRE RETARDANT TREATED	OPNG	OPENING	T&G	TONGUE AND GROOVE
CL	CENTER LINE	FSS	FOLDING SHOWER SEAT	OPP	OPPOSITE	TB	TOWEL BAR
CLG	CEILING	FT	FEET/FOOT	ORD	OVERFLOW ROOF DRAIN	TD	TRENCH DRAIN/TOWEL DISPENSER
CLO	CLOSET	FURG	FURRING	OS	OCCUPANCY SENSOR	TDR	TOWEL DISPENSER/RECEPTACLE
CLOS	CLOSURE	G	NATURAL GAS	P	PIPE	TEL	TELEPHONE
CLR	CLEAR	GAGE	GAGE	PCC	PRECAST CONCRETE	TER	TERRAZZO
CLRM	CLASSROOM	GALV	GALVANIZED	PEJ	PREMOLDED EXPANSION JOINT	THK	THICKNESS
CLT	CROSS-LAMINATED TIMBER	GB	GRAB BAR	PERF	PERFORATED	TK BD	TACK BOARD
CMU	CONCRETE MASONRY UNIT	GC	GENERAL CONTRACTOR	PH	PENTHOUSE	TOC	TOP OF CURB/TOP OF CONCRETE
CO	CLEANOUT	GDR	GUARD RAIL	PL	PROPERTY LINE	TOJ	TOP OF JOIST
COL	COLUMN	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	PLAM	PLASTIC LAMINATE	TOP	TOP OF PARAPET
CONC	CONCRETE	GL	GLASS	PLBG	PLUMBING	TOS	TOP OF STEEL
CONF	CONFERENCE	GLZ CMU	GLAZED CONCRETE MASONRY UNIT	PLYWD	PLYWOOD	TOW	TOP OF WALL
CONSTR	CONSTRUCTION	GR	GROWING RANGE	PORC	PORCELAIN	TP	TOWEL PIN
CONT	CONTINUE	GYP	GYPSUM	PP	POWER POLE	TPH	TOILET PAPER HOLDER
CONTR	CONTRACTOR	GYP BD	GYPSUM WALLBOARD	PREF	PREFINISH	TPO	THERMOPLASTIC POLYOLEFIN
COORD	COORDINATE	H	HIGH	PREFAB	PREFABRICATE	TPTN	TOILET PARTITION
CORR	CORRIDOR	HB	HOSE BIBB	PT	PAINT	TRTD	TREATED
CPRS	COMPRESSIBLE	HC	HANDICAP	PTD	PAPER TOWEL DISPENSER	TV	TELEVISION
CPT	CARPET	HD	HAND DRYER	PTN	PARTITION	TYP	TYPICAL
CT	CERAMIC TILE	HGW	HARDWARE	PTR	PRESERVATIVE-TREATED	UH	UNIT HEATER
CTB	CERAMIC TILE BASE	HM	HOLLOW METAL	PVC	POLYVINYL CHLORIDE	UL	UNDERWRITERS LABORATORIES
CUST	CUSTOM	HORIZ	HORIZONTAL	QT	QUARRY TILE	UNFIN	UNFINISH
CUST D	CUSTOM DEPTH	HPC	HIGH PERFORMANCE COATING	QTY	QUANTITY	UNO	UNLESS NOTED OTHERWISE
D	DOUBLE	HPT	HIGH POINT	R	RADIUS/RISER/THERMAL RESISTANCE	UR	URINAL
DBL	DOUBLE	HS	HOT STACK	RB	RUBBER BASE	UTL	UTILITY
DEMO	DEMOLITION	HT	HEIGHT	RCP	REFLECTED CEILING PLAN	VB	VINYL BASE
DEPT	DEPARTMENT	HVAC	HEATING	RD	ROOF DRAIN	VCT	VINYL COMPOSITION TILE
DET	DETAIL	HYD	HYDRANT	RECPT	RECEPTACLE	VERT	VERTICAL
DIA	DIAMETER	ID	INSIDE DIAMETER	REF	REFERENCE/REFRIGERATOR	VST	VESTIBULE
DIAG	DIAGONAL	IF	INSIDE FACE	REIN	REINFORCE	VIF	VERIFY IN FIELD
DIM	DIMENSION	INCL	INCLUDED	REQD	REQUIRED	VP	VENT PIPE
DN	DOWN	INSUL	INSULATION	RESIL	RESILIENT	VS	VACANCY SENSOR
DN	DOWN	INSUL PNL	INSULATED METAL PANEL	RET	RETURN	VTR	VENT THROUGH ROOF
DPTN	DEMOUNTABLE PARTITION	INT	INTERIOR	RFG	ROOFING	VWC	VINYL WALL COVERING
DR	DOOR	JAN	JANITOR	RH	ROOF HATCH/RIGHT HAND	W	WEST/WIDE
DS	DOWNSPOUT	LAB	LABORATORY	RHR	RIGHT HAND REVERSE	WI	WITH
DWG	DRAWING	LAM	LAMINATE	RL	ROOM LEADER	WID	WITHOUT
EAST	EAST	LAV	LAVATORY	RM	ROOM	WBL	WOOD BLOCKING
EA	EACH	LF	LINEAR FEET (FOOT)	RO	ROUGH OPENING	WC	WOOD CLOSET
						WD	WOOD
						WH	WATER HEATER
						WWR	WELDED WIRE REINFORCEMENT

DRAWING SYMBOLS:



Buffalo And Erie County Botanical Gardens
2655 SOUTH PARK AVENUE
BUFFALO, NEW YORK 14218

Buffalo And Erie County Botanical Gardens Addition
100% CONSTRUCTION DOCUMENTS



Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221
www.wendelcompanies.com
p.716.688.0766 tf.877.293.6335

Wendel WO Architecture, Engineering, Surveying and Landscape Architecture, P.C.

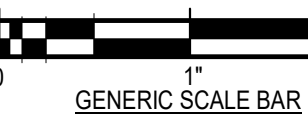
bucholzmcveyarchitects

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NO.	REVISIONS	DATE
1	Issue for Bidding	03/06/2020
2	Amendment 2	03/10/2020
3	Issue for Bidding	03/10/2020

DWG TITLE

TITLES & SYMBOLS



DATE	02/18/2025
SCALE	As indicated
DWN	SSS
CHK	SRN
PROJ. No.	605002
DWG. No.	

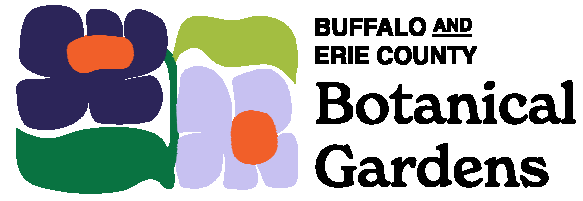
A001

GENERAL FLOOR PLAN NOTES:

- FIRST FLOOR ELEVATION IS REFERENCED AS 609'-3". VERIFY EXACT ELEVATION TO MATCH CONSERVATORY FINISHED FLOOR ELEVATION AT ADDITION CONNECTION TO HOUSE 4.
- GROWING RANGE (GR) FIRST FLOOR ELEVATION IS REFERENCED AS 607'-5". VERIFY EXACT ELEVATION.
- GROUND FLOOR ELEVATION IS REFERENCED AS 597'-5". VERIFY EXACT ELEVATION TO MATCH GROWING RANGE LOWER LEVEL FINISHED FLOOR ELEVATION AT ADDITION CONNECTION TO GROWING RANGE.
- NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
- PROVIDE ACCESS PANELS, MINIMUM 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS. SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING:
(A) STUD OR MASONRY PARTITIONS
(B) SUSPENDED GYPSUM WALLBOARD CEILINGS
- ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FACE OF STUD FRAMING OR MASONRY UNLESS OTHERWISE NOTED.
- WHERE A NEW DOOR, VIEW WINDOW OR OPENING IS CUT THROUGH AN EXISTING MASONRY WALL, PROVIDE A LOOSE LINTEL AS REQUIRED ON THE LOOSE LINTEL SCHEDULE INDICATED ON THE STRUCTURAL DRAWINGS OR SPECIFICATIONS.
- IN ALL ROOMS BELOW AREAS WHICH RECEIVE UNDER FLOOR SERVICES, REMOVE A PORTION OF EXISTING CEILING BELOW AS REQUIRED. RESTORE OR REPLACE REMOVED CEILING AREAS TO MATCH EXISTING OR AS INDICATED ON ROOM FINISH SCHEDULE.
- REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXISTING AND NEW FIXTURES AND SERVICES REMOVED AND/OR INSTALLED. PATCH EXISTING FINISHES DISTURBED BY THIS WORK TO MATCH ADJACENT UNDISTURBED FINISHES. MATERIAL AND SUB FLOORING COMPLETELY.
- SEE SHEET A601 FOR FURRING AND PARTITION TYPES NOTED ON THIS SHEET.

PLAN KEYNOTES

P01	CENTER PARTITION ON COLUMN / BEAM ABOVE
P19	OFICI PREFINISHED METAL LOCKERS. COORDINATE WITH OWNER.
P20	OFICI EXISTING STAFF LOCKERS. COORDINATE WITH OWNER. PROVIDE NEW WALL BASE AT BASE OF LOCKERS
P37	OFICI VENDING MACHINES AND CABINERY BY OTHERS. COORDINATE EXTENTS WITH OWNER
P60	24" X 36" FIRE RATED INSULATED ACCESS DOOR. SILL 4" ABOVE FINISHED FLOOR. COORDINATE LOCATION WITH BETWEEN MECHANICAL EQUIPMENT AND ELECTRICAL PANELS
P65	OFICI COFFEE MAKER LOCATION
P69	OFICI TV LOCATION. PROVIDE 4'-0" WIDE BLOCKING FOR WALL MOUNTED OFICI TV. CENTER ON WALL. BLOCKING TO EXTEND FROM 4'-0" AFF TO 6'-0" AFF.
P70	OFICI DATA RACK LOCATION. PROVIDE 2'-0" WIDE BLOCKING FOR WALL MOUNTED OFICI DATA RACK. CENTER ON WALL. COORDINATE HEIGHT WITH OWNER.
P71	OFICI KIOSK LOCATION. PROVIDE 8'-0" WIDE BLOCKING FOR WALL MOUNTED OFICI TICKETING KIOSKS. CENTER ON WALL. BLOCKING TO EXTEND FROM 4'-0" AFF TO 6'-0" AFF.



Buffalo and Erie County
Botanical Gardens
2655 SOUTH PARK AVENUE
BUFFALO, NEW YORK 14218

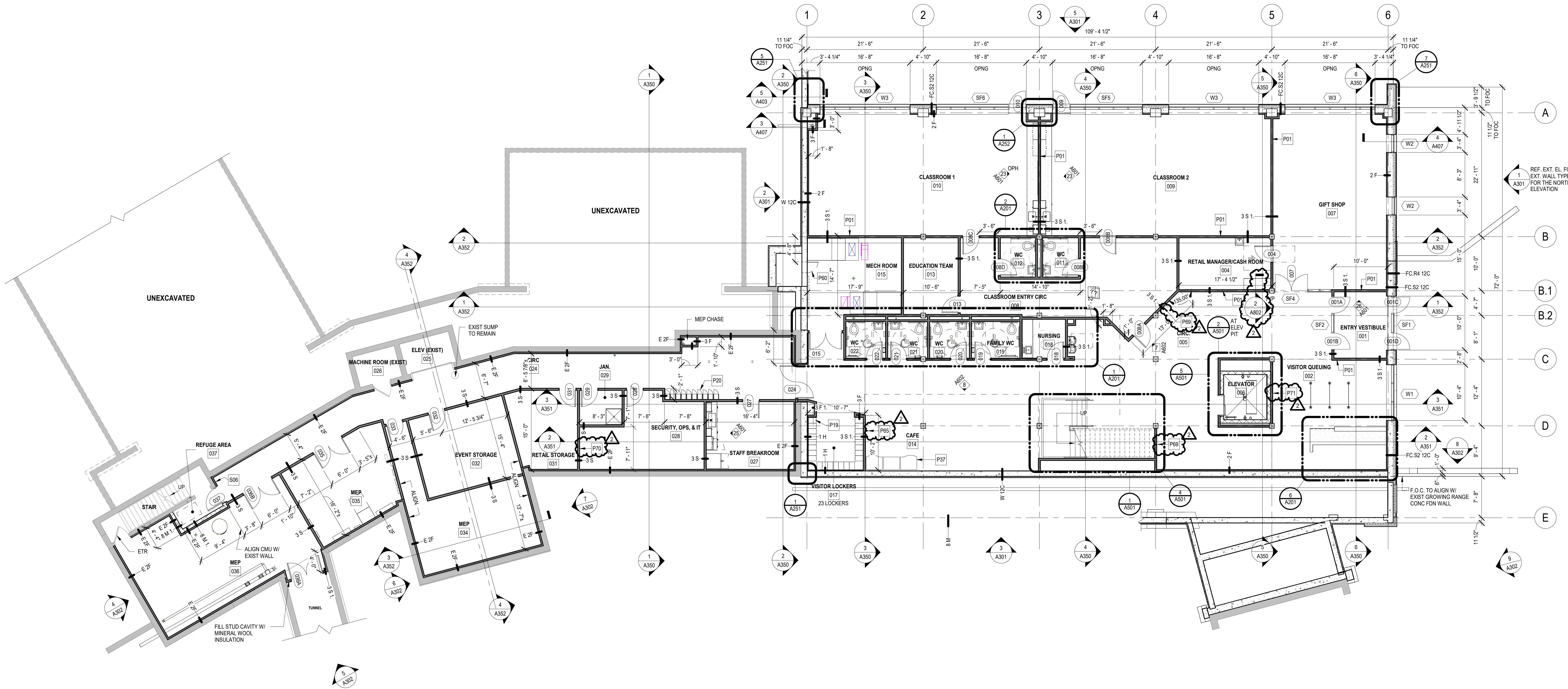
Buffalo And Erie County Botanical
Gardens Addition
100% CONSTRUCTION
DOCUMENTS



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Wendel WO Architecture, Engineering, Surveying and
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bucholzmcveyARCHITECTS



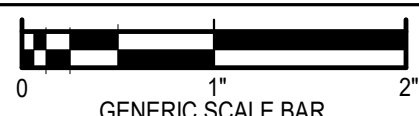
1 GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"

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NO.	REVISIONS	DATE
2	Appendix 2	03/06/2025
3	ISSUE FOR BID	03/18/2025

DWG TITLE

GROUND FLOOR PLAN



DATE	02/18/2025
SCALE	As indicated
DWN.	SSS
PROJ. No.	605902
DWG. No.	

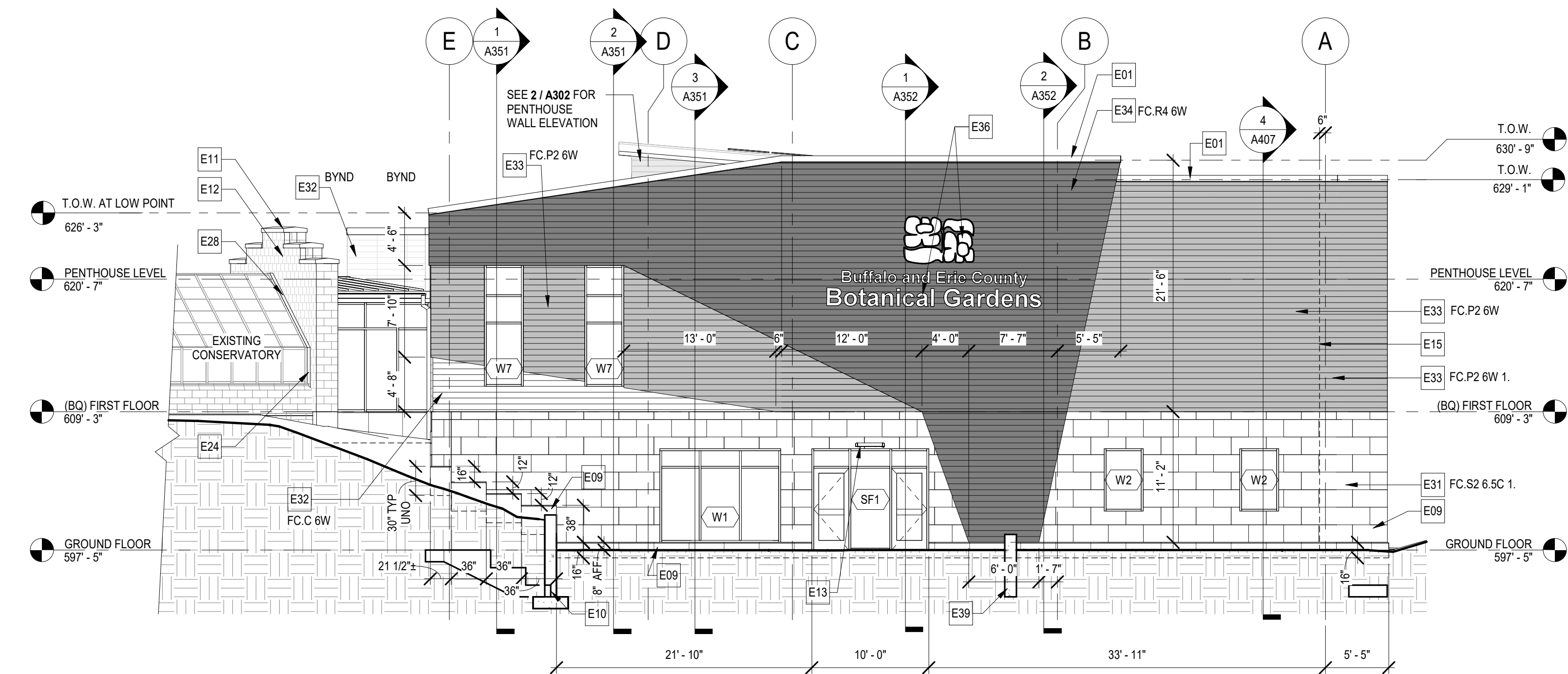
A101

GENERAL ELEVATION NOTES:

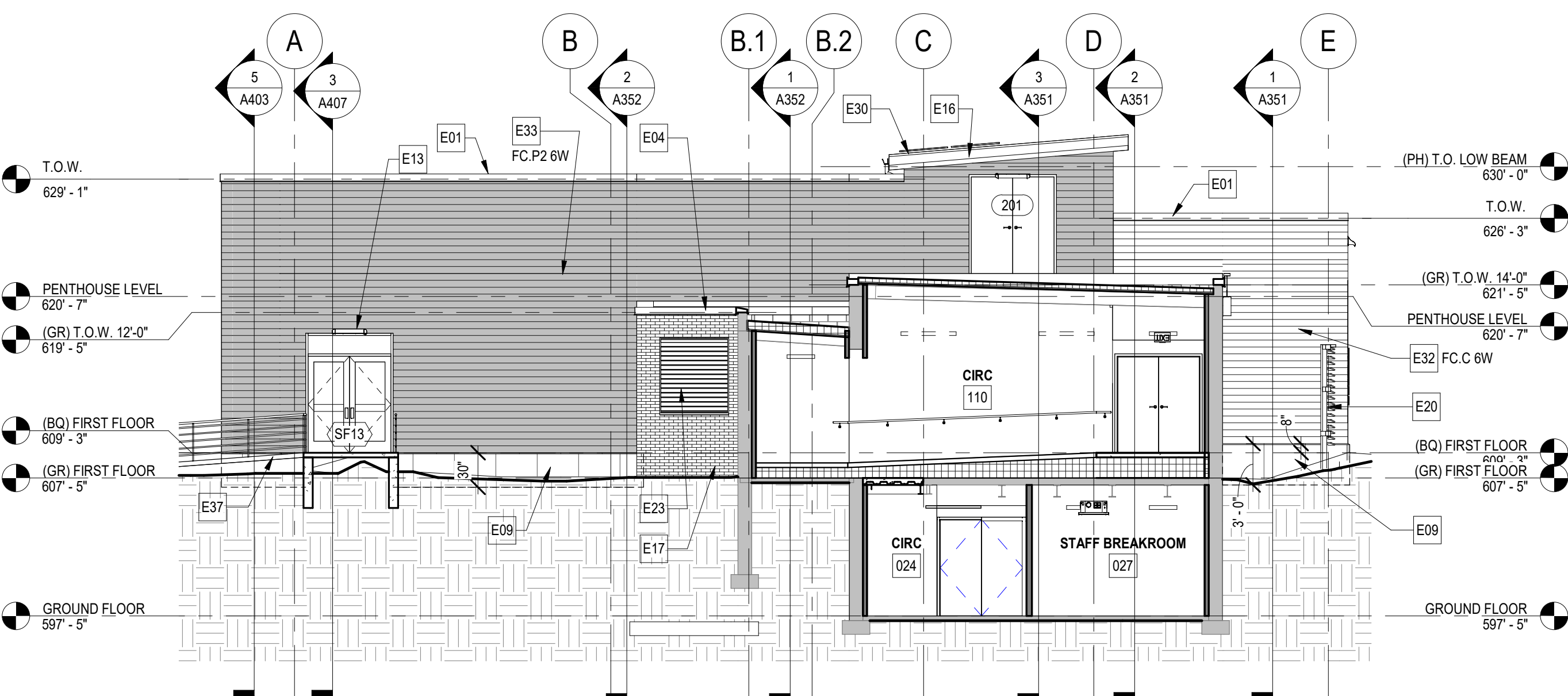
1. FIRST FLOOR ELEVATION IS REFERENCED AS 609'-3". VERIFY EXACT ELEVATION TO MATCH CONSERVATORY FINISHED FLOOR ELEVATION AT ADDITION CONNECTION TO HOUSE 4.
2. GROWING RANGE (GR) FIRST FLOOR ELEVATION IS REFERENCED AS 607'-5". VERIFY EXACT ELEVATION.
3. GROUND FLOOR ELEVATION IS REFERENCED AS 597'-5". VERIFY EXACT ELEVATION TO MATCH GROWING RANGE LOWER LEVEL FINISHED FLOOR ELEVATION AT ADDITION CONNECTION TO GROWING RANGE.

EXTERIOR ELEVATION KEYNOTES

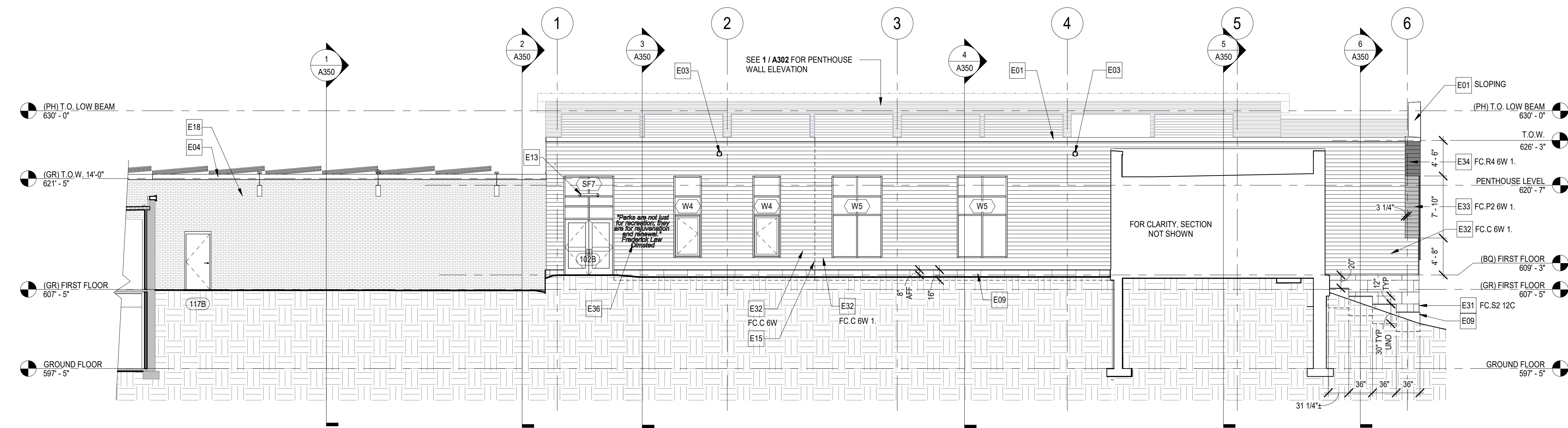
- E01 PRE-FINISHED METAL COPING (COLOR TO MATCH ADJACENT CLADDING)
E02 PRE-FINISHED ALUM TRIM COVER (BRONZE COLOR)
E03 PRE-FINISHED (BRONZE) OVERFLOW SCUPPER, COLOR TO MATCH ADJACENT CLADDING.
E04 PRE-FINISHED ROOF EDGE/COPING, MATCH FINISH TO GROWING RANGE EXISTING ROOF EDGE.
E05 PRE-FINISHED METAL GUTTER
E06 PRE-FINISHED DOWNSPOUT
E07 PRE-FINISHED FASCIA TRIM, COLOR TO MATCH ADJACENT STOREFRONT FINISH.
E08 PRE-FINISHED ALUM TRIM, MATCH STOREFRONT FRAME FINISH.
E09 PRECAST CONCRETE BASE, TYPICAL UNIT 36" LONG BY 3" THICK. SEE EXTERIOR ELEVATIONS FOR UNIT HEIGHTS, MITER ENDS AT CORNERS.
E10 RETAINING WALL, SEE STRUCTURAL, CIVIL AND LANDSCAPE DRAWINGS. SEE ARCH DETAILS FOR SOUTHWEST RETAINING WALL AND ELEVATION FOR NORTHEAST RETAINING WALL.
E11 STEPPED PRECAST CONCRETE COPING TO MATCH EXISTING CONSERVATORY STONE BASE COLOR.
E12 SPLIT FACE CMU, COLOR TO MATCH EXISTING CONSERVATORY STONE BASE COLOR.
E13 LIGHT FIXTURE, REF. ELECTRICAL DRAWINGS.
E14 SKYLIGHT
E15 LINE INDICATES WALL RATING TRANSITION TO 1 HOUR RATED CONSTRUCTION. SEE FLOOR PLANS FOR LOCATION AND EXTENTS.
E16 PRE-FINISHED METAL FASCIA, COLOR SELECTED BY ARCHITECT.
E17 BRICK, COLOR TO MATCH EXISTING GROWING RANGE BRICK.
E18 EXISTING GROWING RANGE BRICK.
E20 PRIVACY FENCE, SEE LA & CIVIL DRAWINGS.
E21 GROUND WITH CANTED END, REF. STRUCTURAL DRAWINGS.
E22 CONCRETE FOUNDATION, REF. STRUCTURAL DRAWINGS.
E23 LOUVER, REF. MECHANICAL DRAWINGS.
E24 PRECOMPRESSED EXPANSION JOINT, COLOR TO MATCH ADJACENT MATERIAL.
E28 ROOF EXPANSION JOINT WITH FLASHING, SEE DETAILS.
E29 STANDING SEAM METAL ROOF
E30 STANDING SEAM METAL ROOF EDGE
E31 FIBER CEMENT PANEL TYPE S
E32 FIBER CEMENT PANEL TYPE C
E33 FIBER CEMENT PANEL TYPE P
E34 FIBER CEMENT PANEL TYPE A
E35 OFC EXTERIOR SIGNAGE, COORDINATE WITH OWNER FOR LOCATION, TYPE AND SIGN DIMENSIONS, REF. ELEC DWGS FOR ELECTRICAL CONNECTION.
E37 RAMP WITH HANDRAILS, REF. CIVIL DRAWINGS.
E38 BRICK CONTROL JOINT.
E39 SITE CONCRETE SEAT WALLS, SEE LA & CIVIL DWGS.



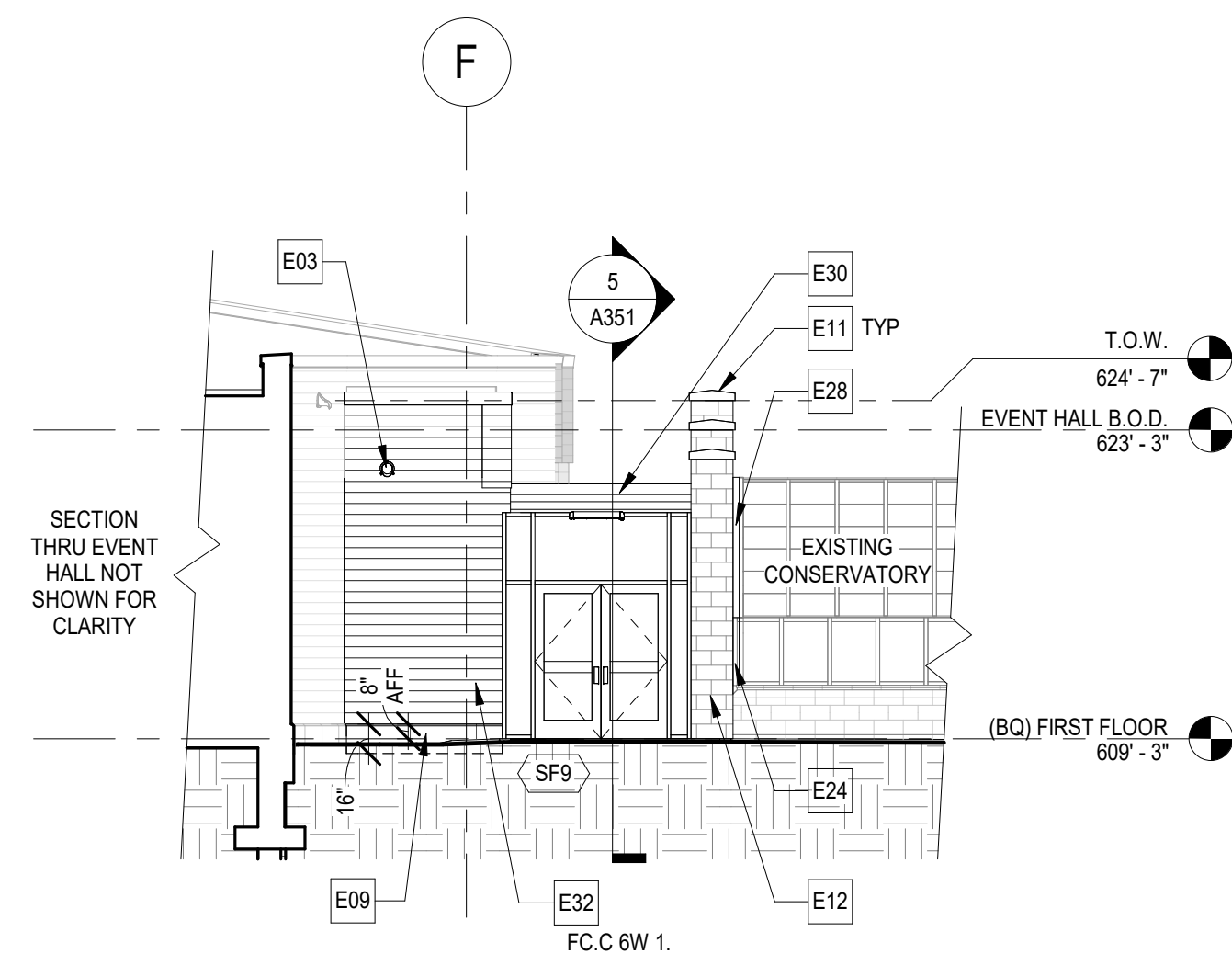
1 EXTERIOR ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



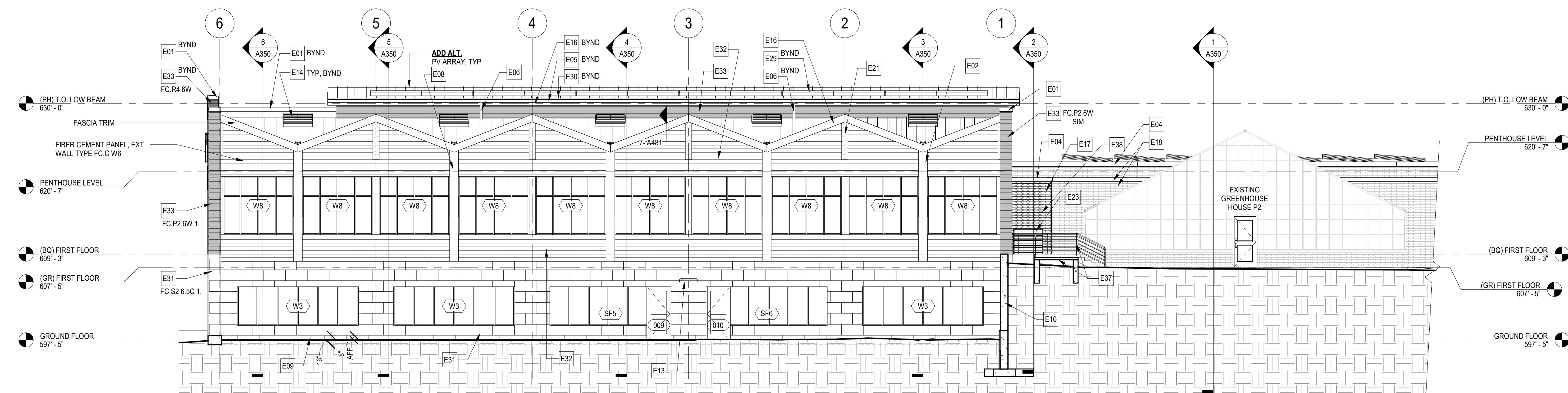
2 EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



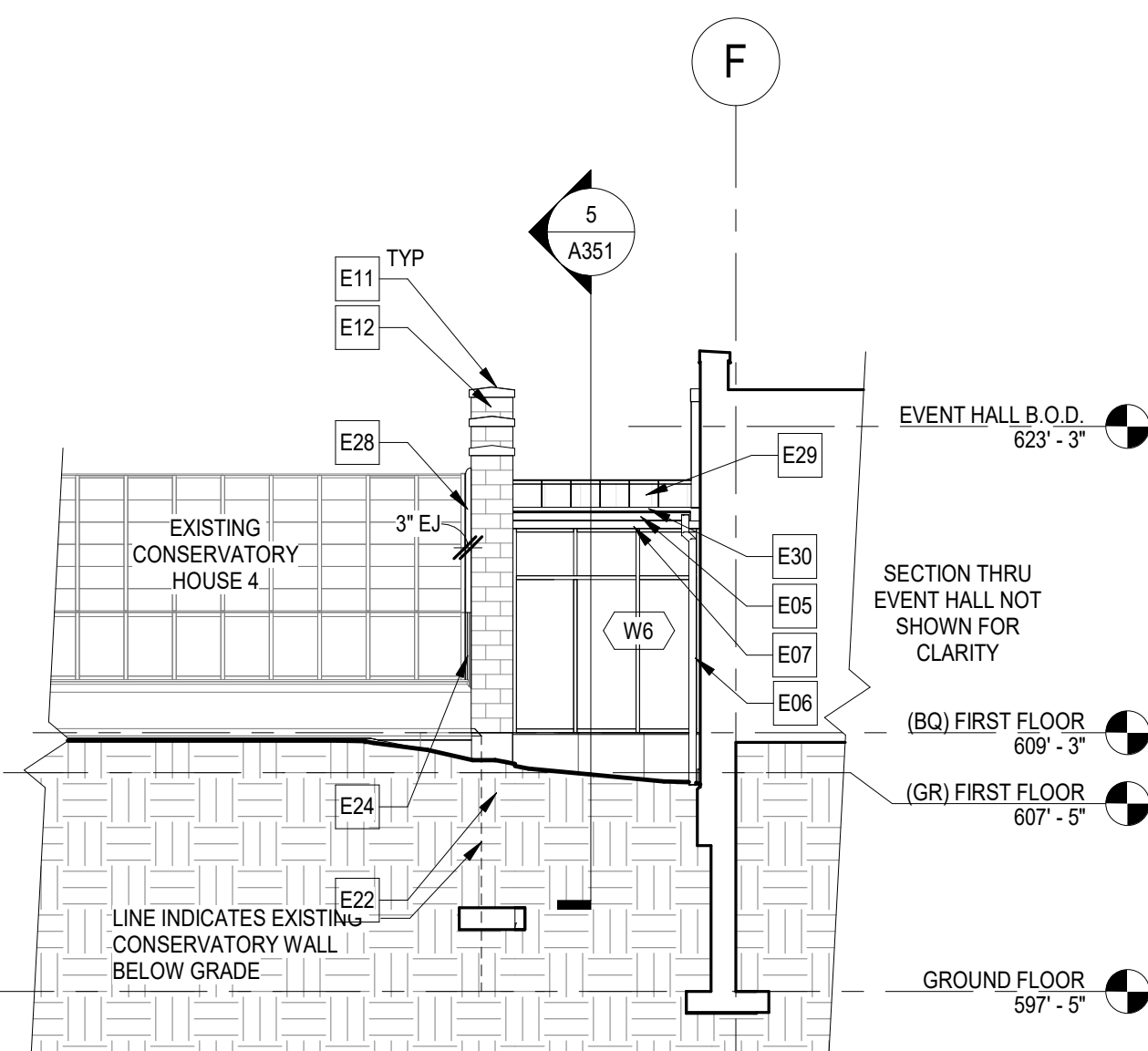
3 EXTERIOR ELEVATION - EAST
SCALE: 1/8" = 1'-0"



4 EXTERIOR ELEVATION - SOUTHEAST
SCALE: 1/8" = 1'-0"



5 EXTERIOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"



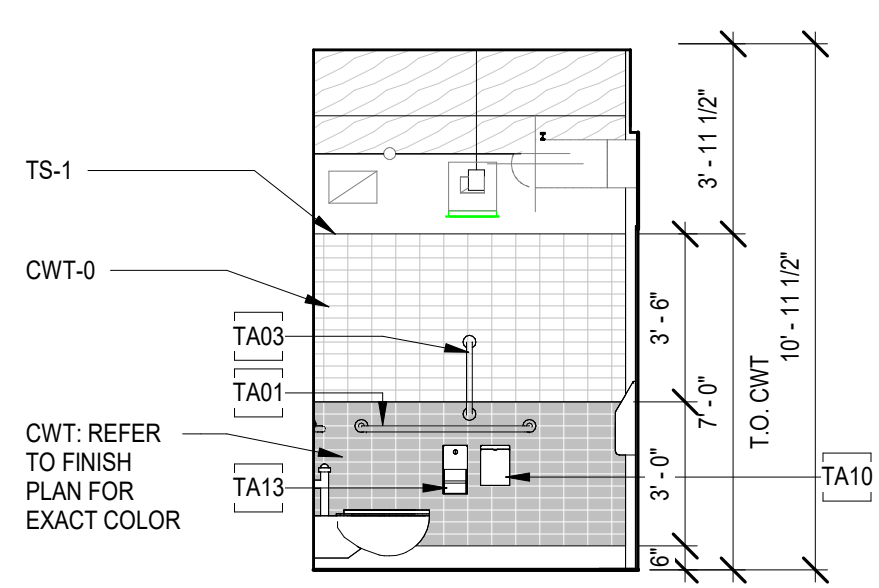
6 EXTERIOR ELEVATION - NORTHWEST
SCALE: 1/8" = 1'-0"

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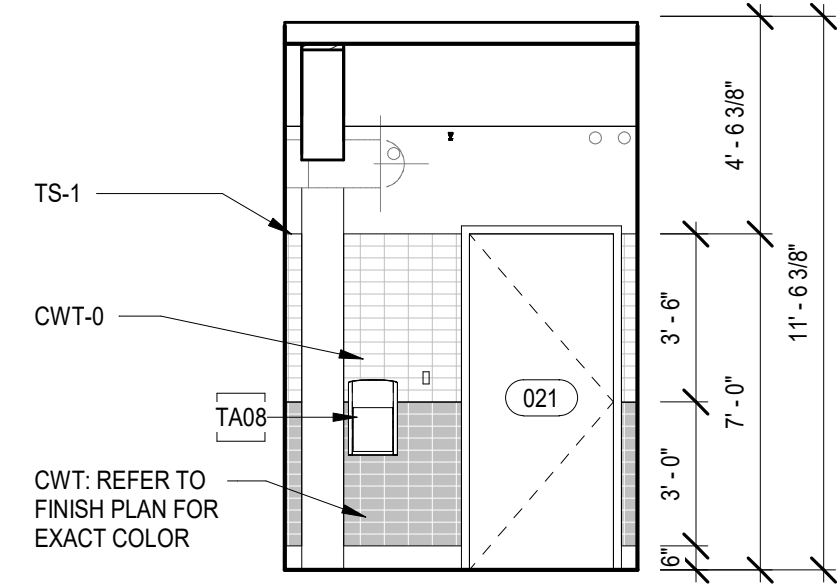
NO.	REVISIONS	DATE
2	Appendix 2	03/06/2025
3	Issue for Bldg	03/18/2025

DWG TITLE
EXTERIOR ELEVATIONS

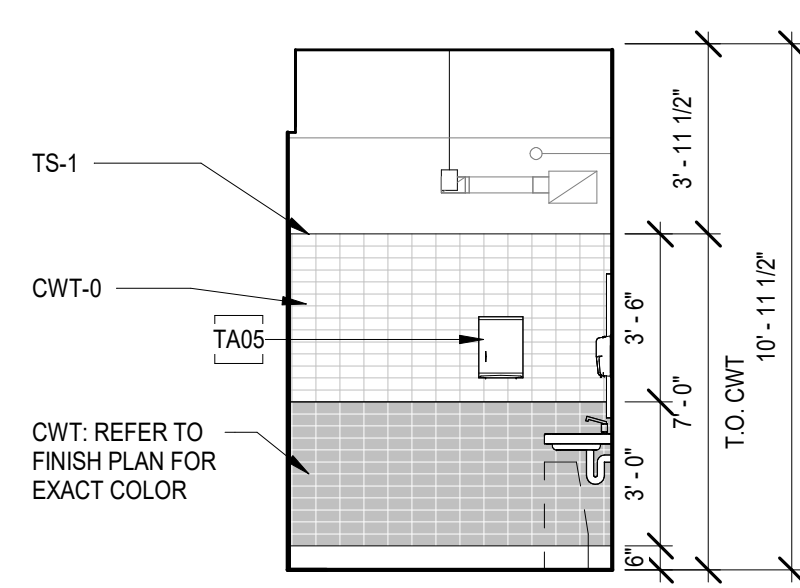
0	1	2
GENERIC SCALE BAR		
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING		
DATE	02/18/2025	
SCALE	As indicated	
DWN	SSS	CHK: SRN
PROJ. No.	605902	
DWG. No.		



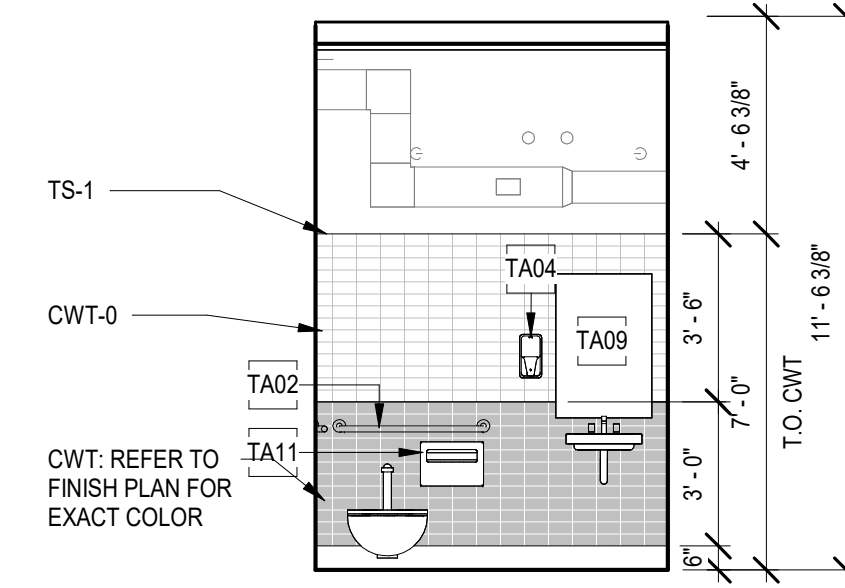
1 TOILET ELEVATION
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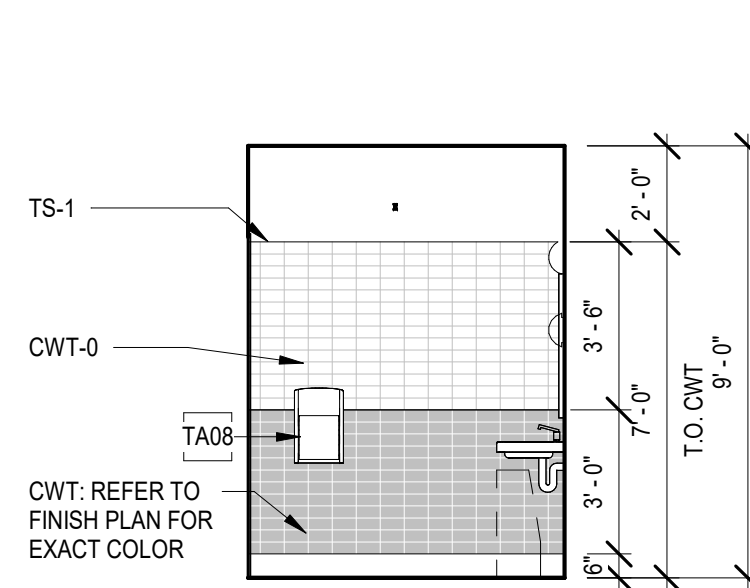
2 TOILET ELEVATION
SCALE: 1/4" = 1'-0"



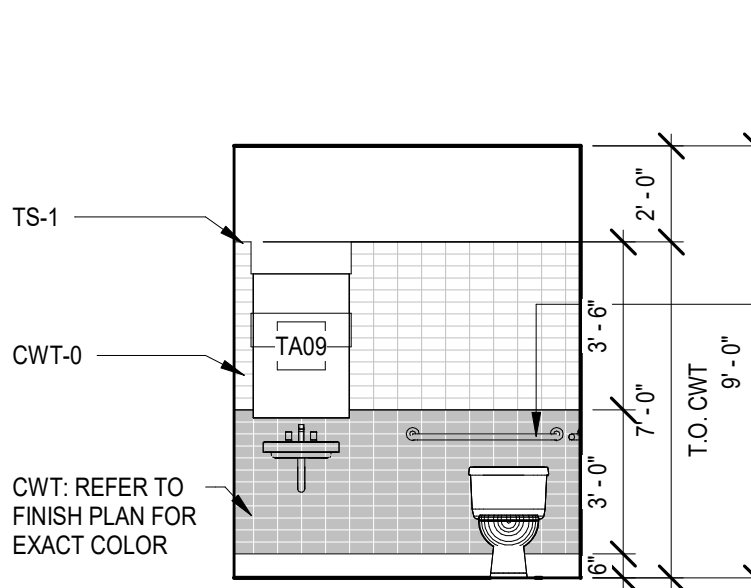
3 TOILET ELEVATION
SCALE: 1/4" = 1'-0"



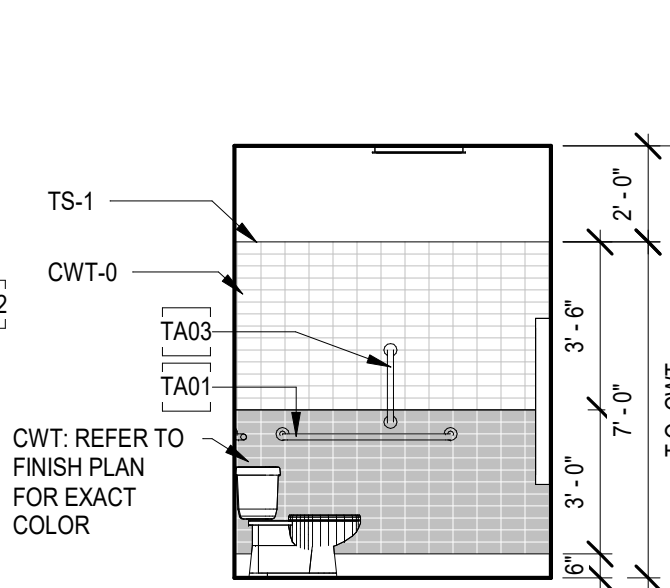
4 TOILET ELEVATION
SCALE: 1/4" = 1'-0"



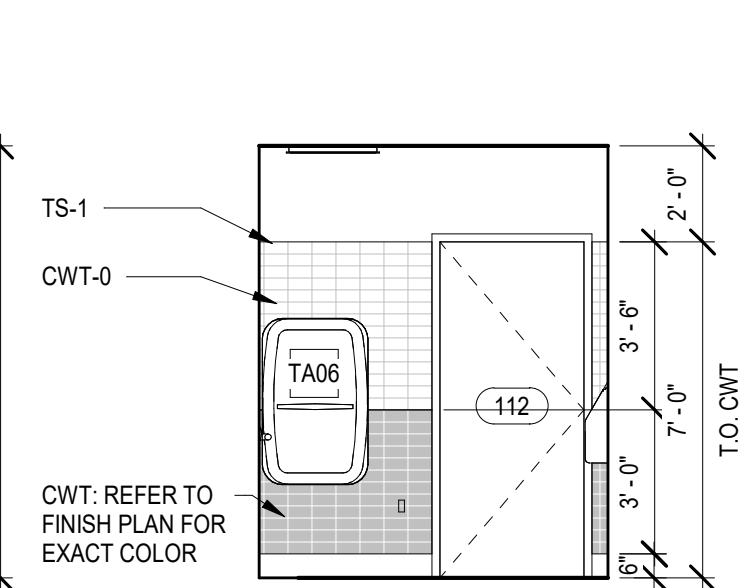
5 TOILET ELEVATION
SCALE: 1/4" = 1'-0"



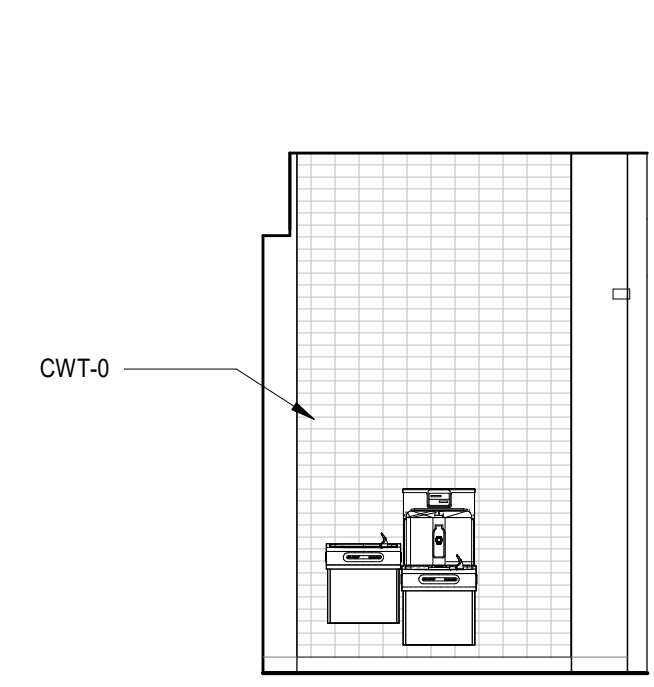
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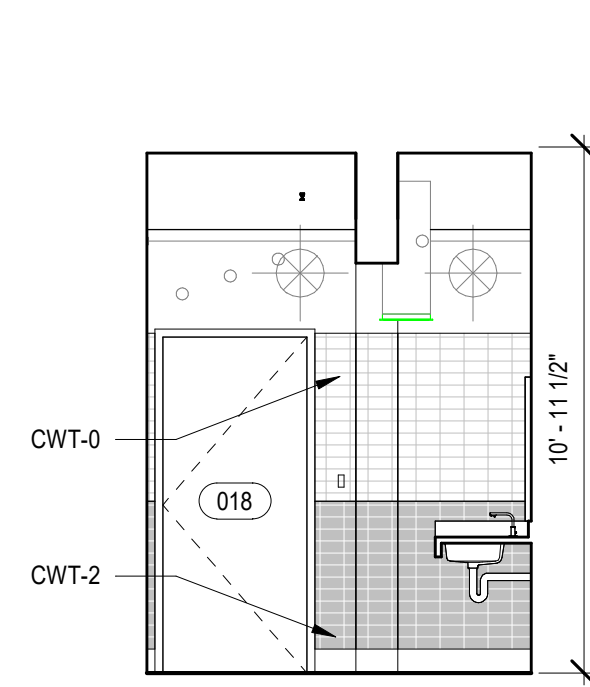
7 TOILET ELEVATION
SCALE: 1/4" = 1'-0"



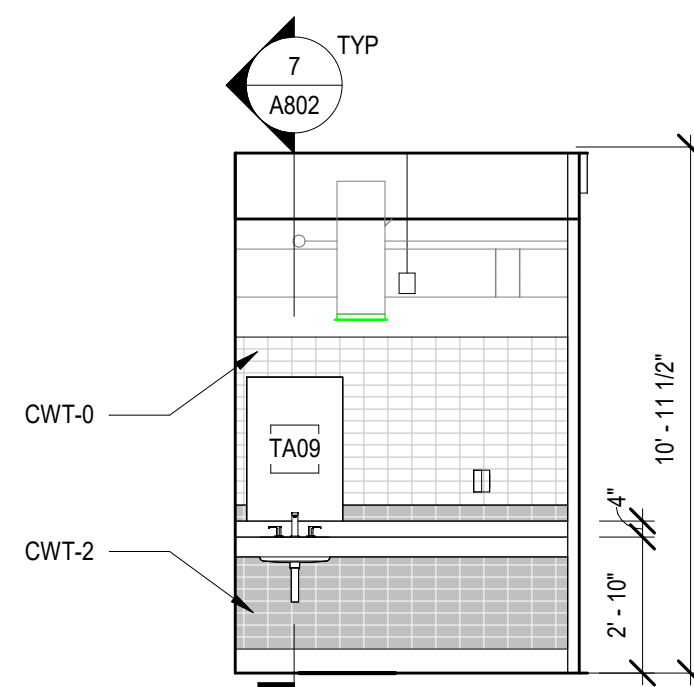
8 TOILET ELEVATION
SCALE: 1/4" = 1'-0"



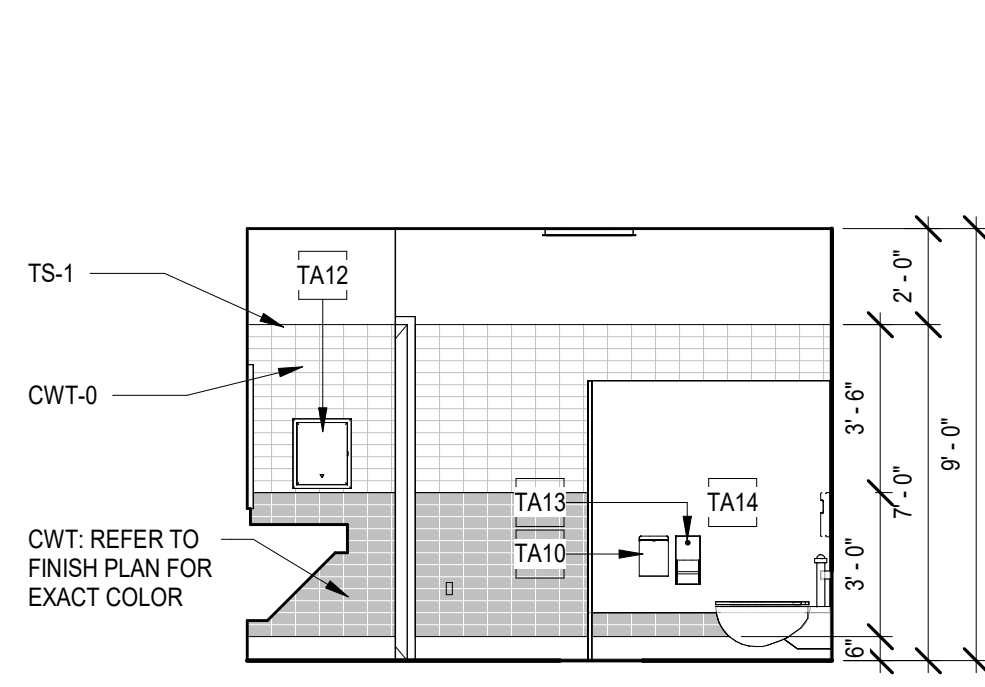
9 005 - CIRC
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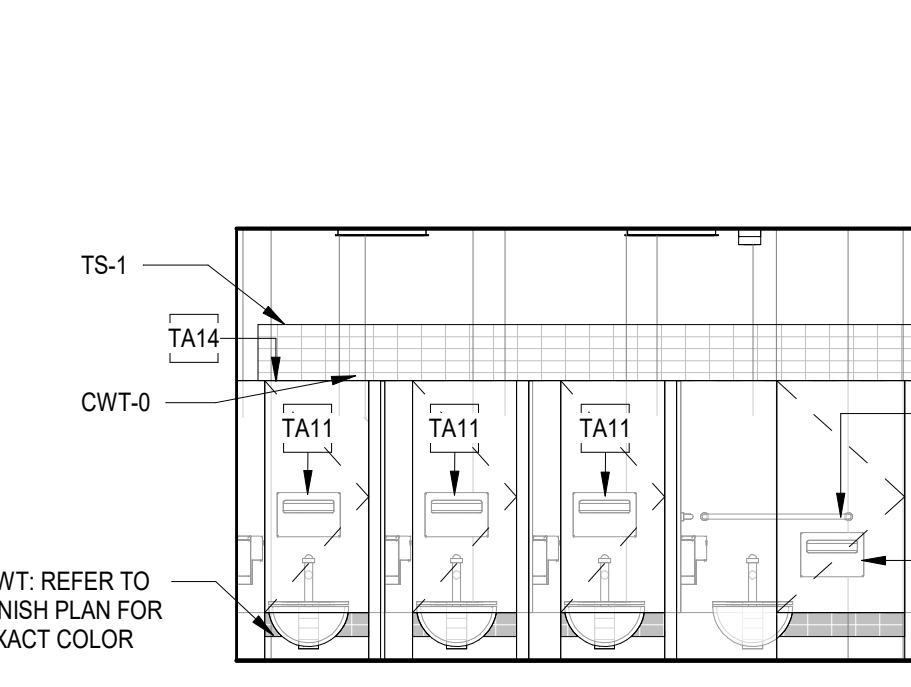
10 018 - NURSING
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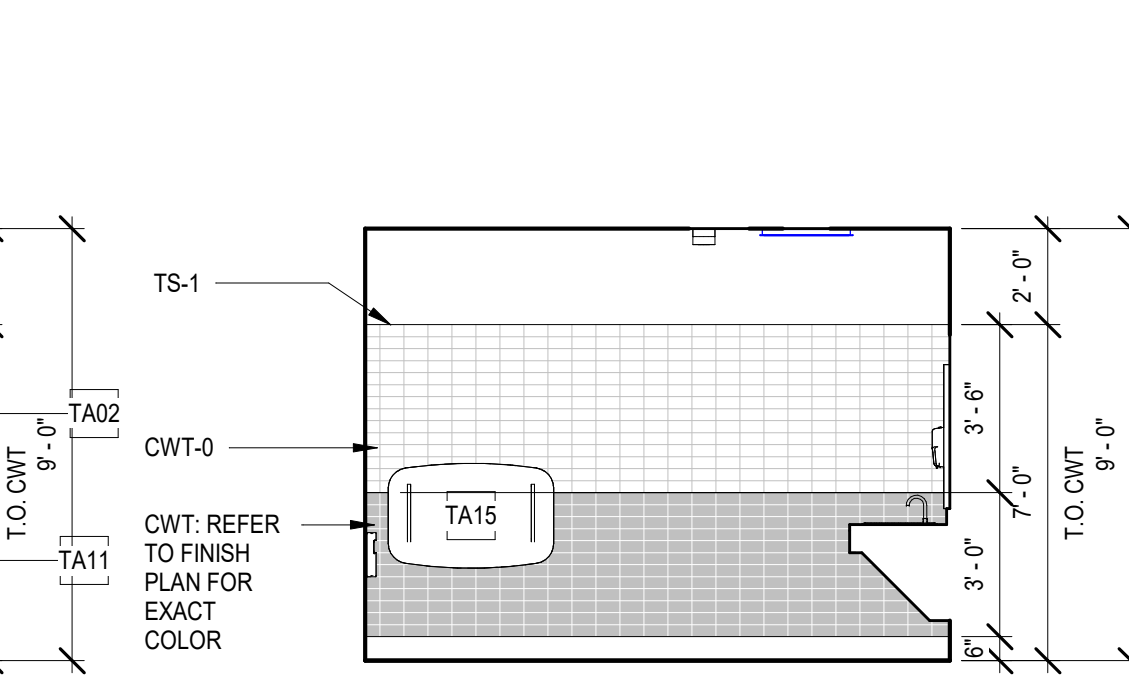
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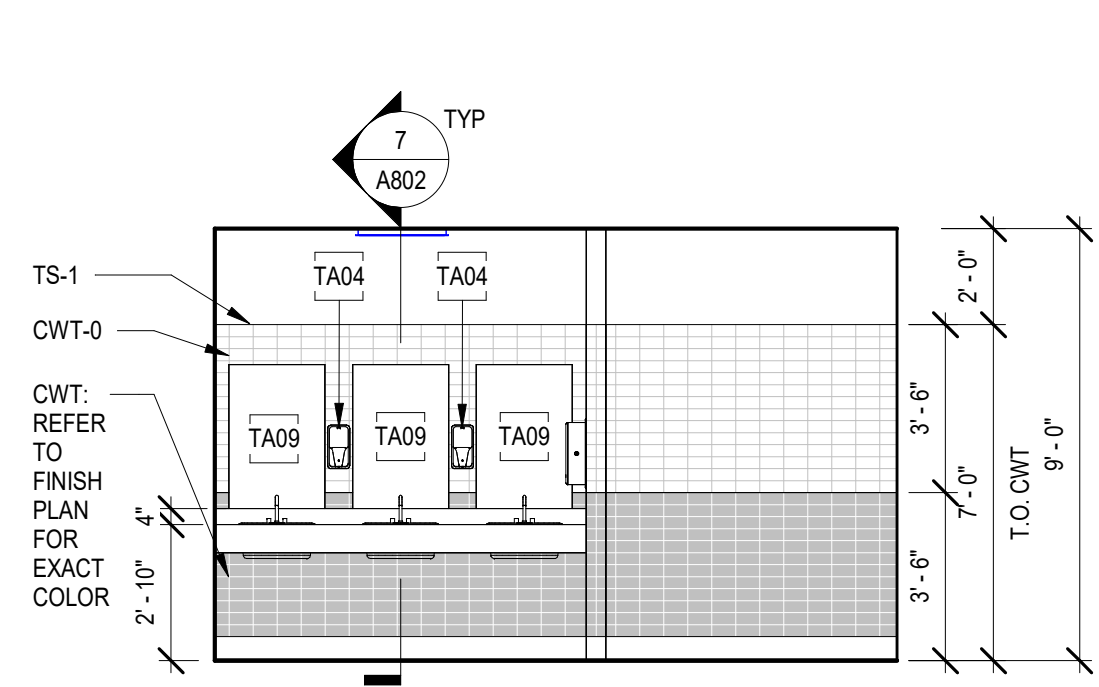
12 113 - MEN'S RESTROOM
SCALE: 1/4" = 1'-0"



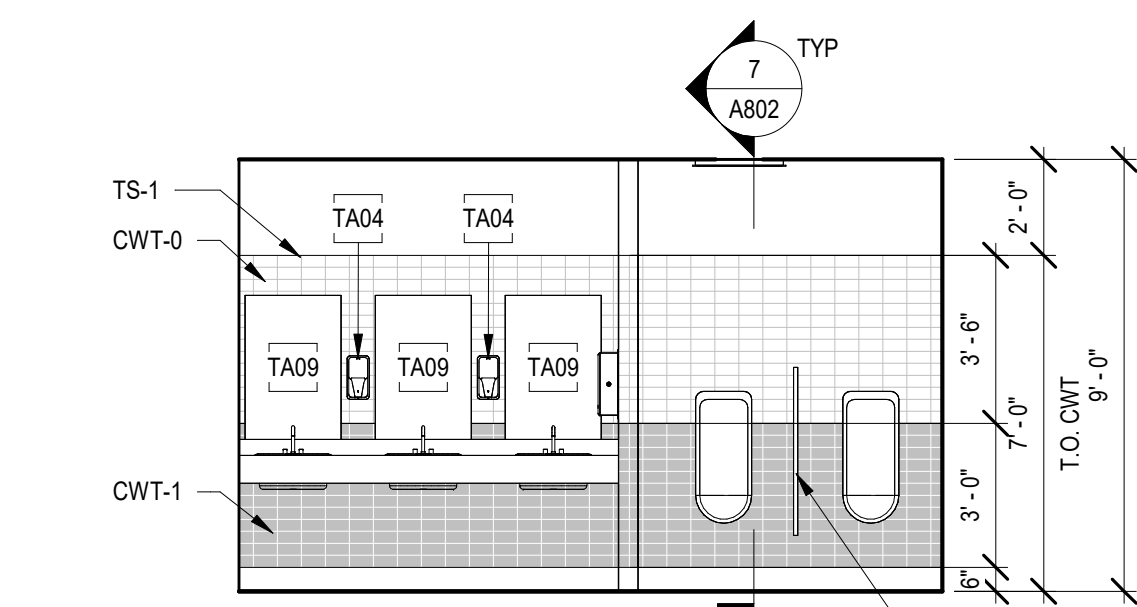
13 113 - MEN'S RESTROOM
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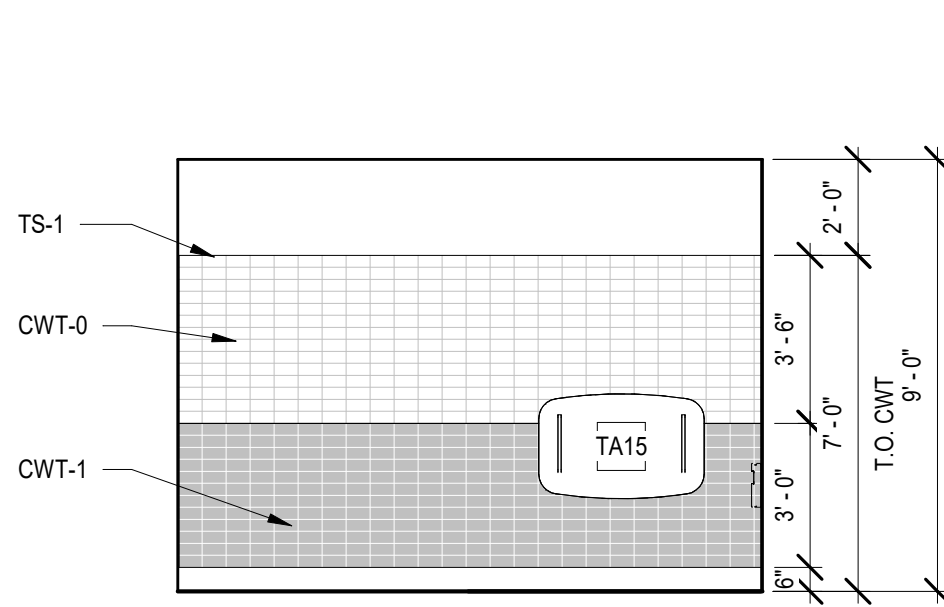
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SCALE: 1/4" = 1'-0"



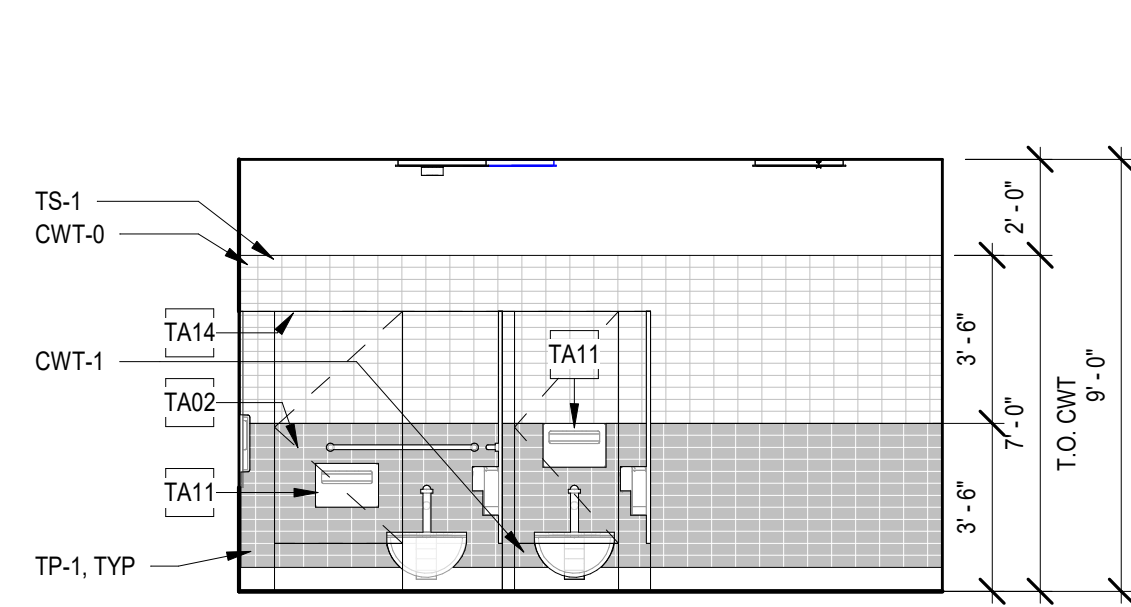
15 113 - MEN'S RESTROOM
SCALE: 1/4" = 1'-0"



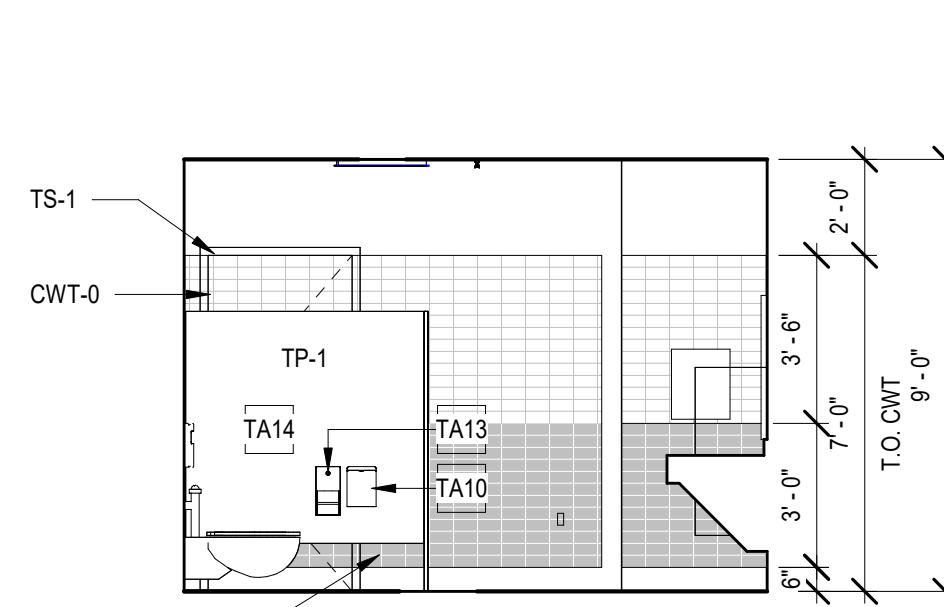
16 114 - WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"



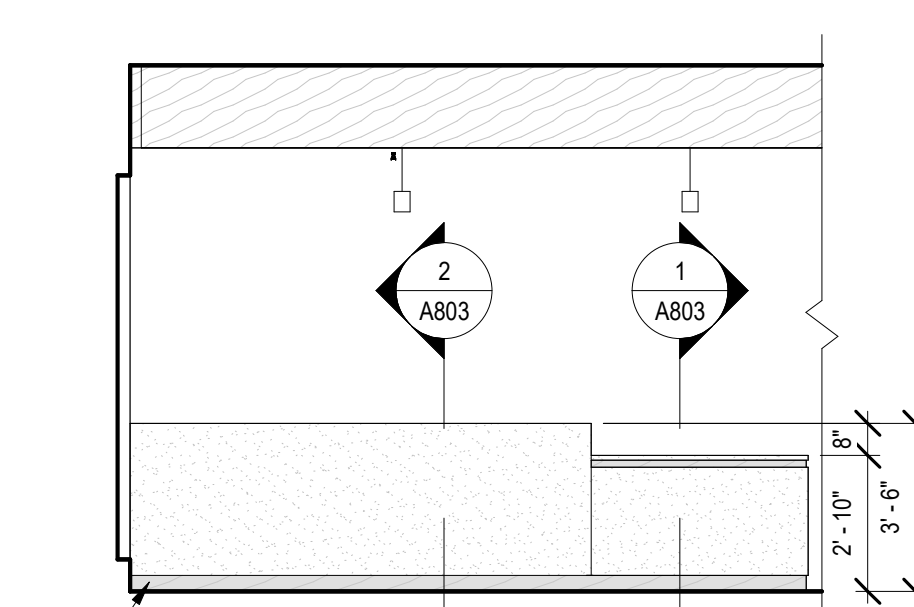
17 114 - WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"



18 114 - WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"



19 114 - WOMEN'S RESTROOM
SCALE: 1/4" = 1'-0"

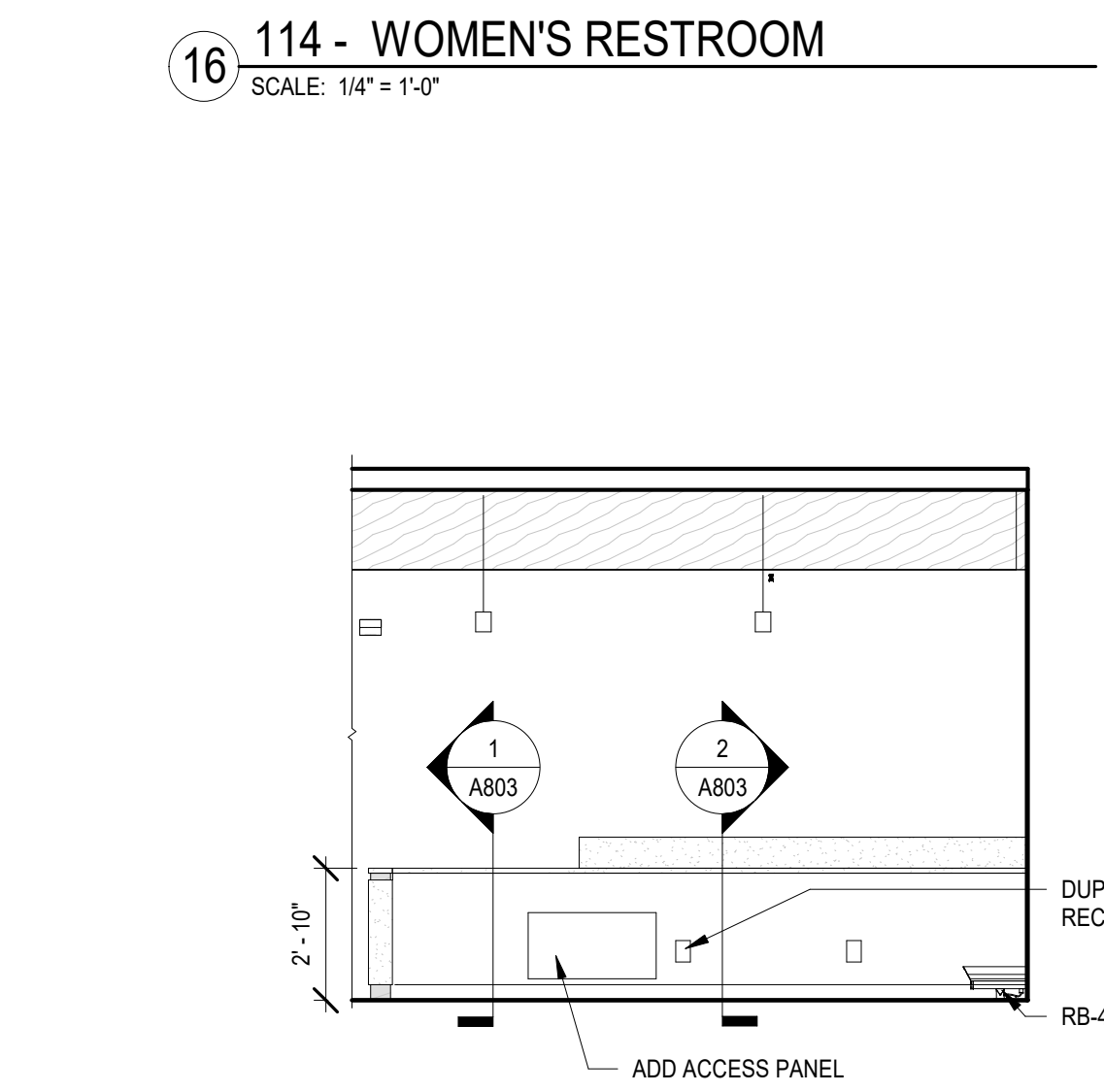


20 RECEPTION DESK - WEST ELEVATION
SCALE: 1/4" = 1'-0"

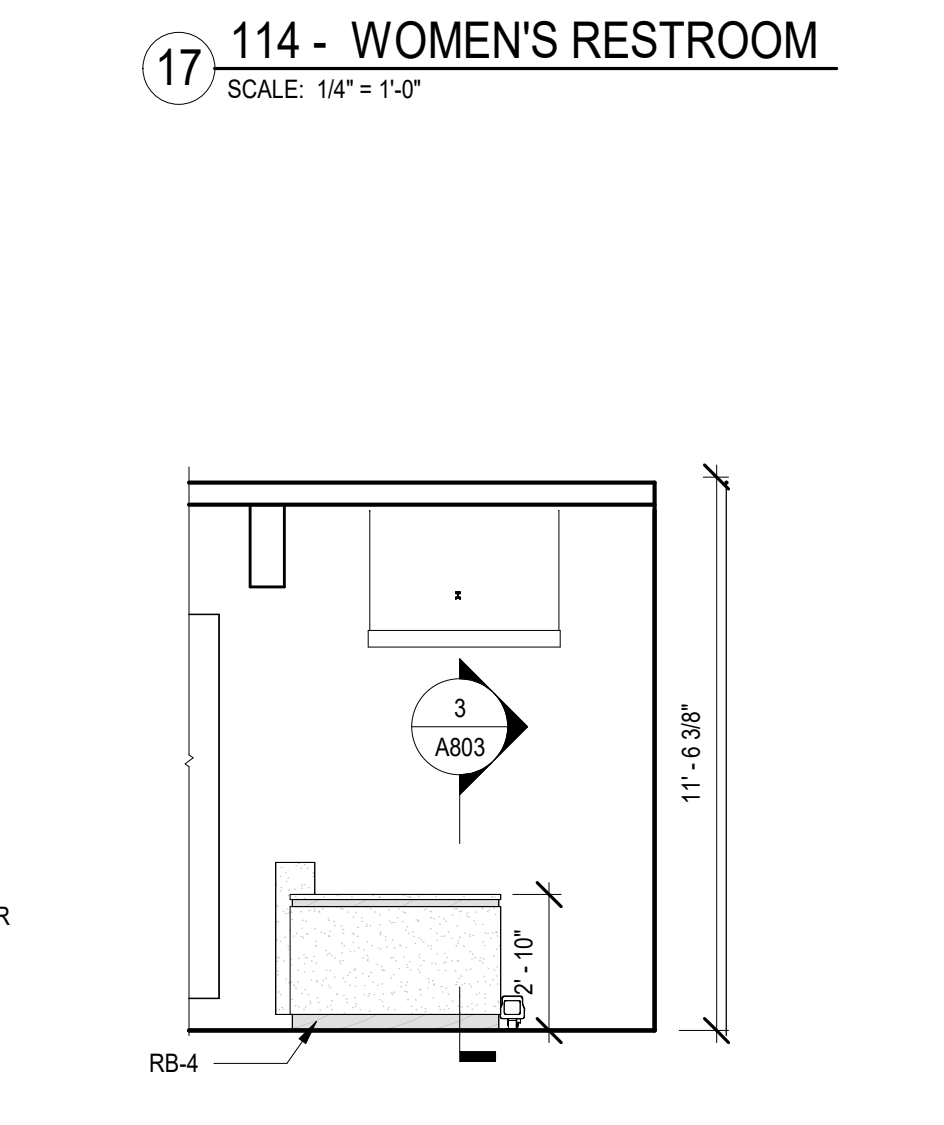
TOILET ACCESSORY KEYNOTES	
TA01	42" HORIZONTAL GRAB BAR
TA02	36" HORIZONTAL GRAB BAR
TA03	18" VERTICAL GRAB BAR
TA04	SURFACE-MOUNTED SOAP DISPENSER
TA05	SURFACE-MOUNTED PAPER TOWEL DISPENSER
TA06	OFFIC SURFACE-MOUNTED VERTICAL CHANGING STATION
TA08	OFFIC SURFACE-MOUNTED FLIP-DOWN CHILD PROTECTION SEAT
TA09	WOMEN'S
TA10	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL
TA11	SURFACE-MOUNTED TOILET SEAT COVER DISPENSER
TA12	SEMI-RECESSED AUTOMATIC PAPER TOWEL DISPENSER
TA13	SURFACE-MOUNTED TOILET PAPER DISPENSER
TA14	WOMEN'S
TA15	OFFIC RECESSED HORIZONTAL CHANGING STATION

NOTE: ALL TOILET ACCESSORIES IN NEW ADDITION (TYPE V CONSTRUCTION BUILDING) MUST BE SURFACE MOUNTED TO PRESERVE THE RATED ASSEMBLY OF THE PARTITIONS. REFER TO CODE COMPLIANCE PLANS AND PARTITION TYPES FOR INFORMATION ON WALL ASSEMBLIES.

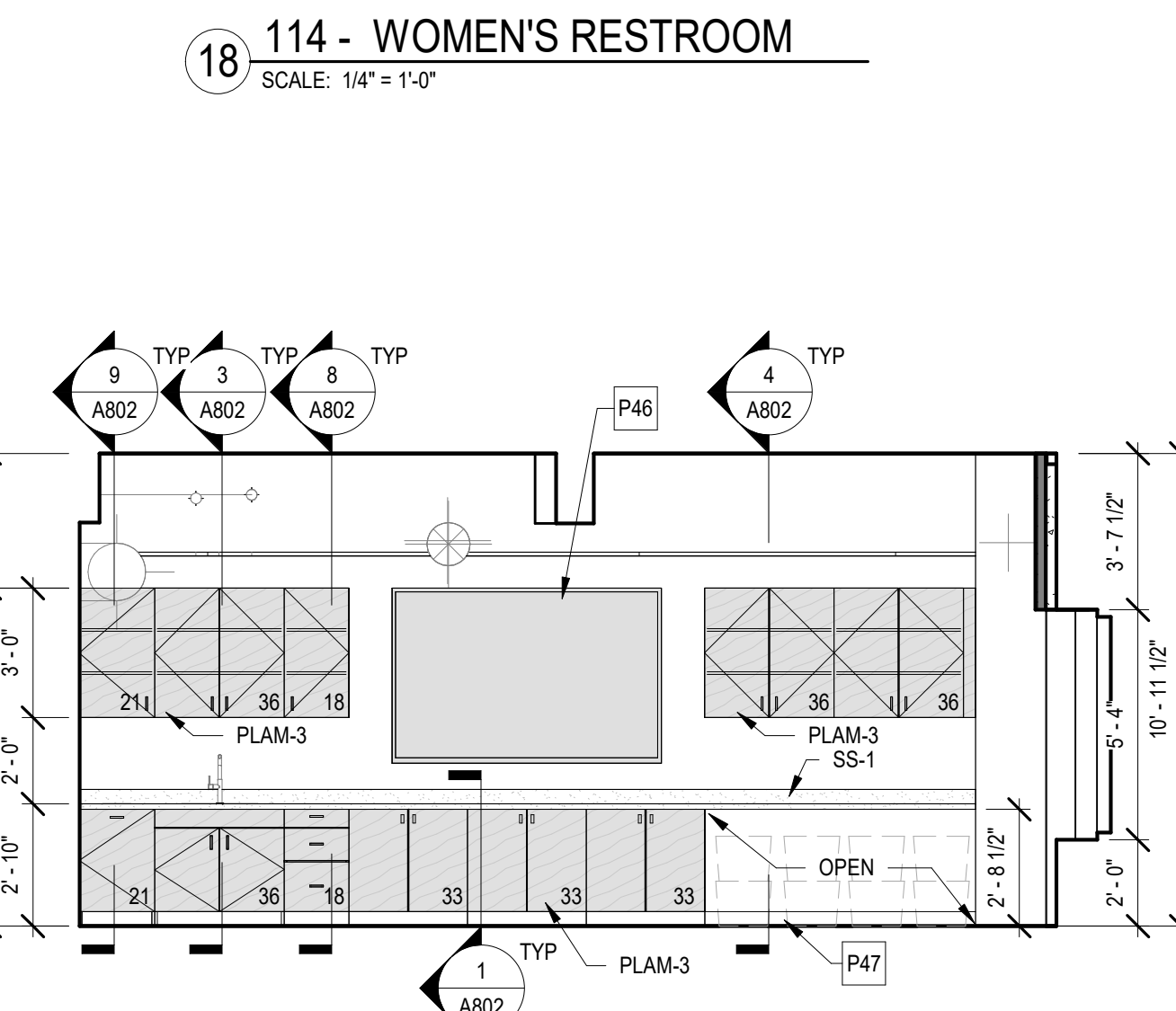
A601 ELEVATION KEYNOTES	
P37	OFFIC VENDING MACHINES AND CABINETS BY OTHERS. COORDINATE EXTENTS WITH OWNER.
P43	WALL MOUNTED LIGHT FIXTURE REFER TO ELEC DWGS.
P46	OFFIC WALL MOUNTED TV. REFER TO PLANS FOR BLOCKING EXTENTS.
P47	FINISHED OUTLINES OWNER STORAGE BINS SHOWN FOR REFERENCE ONLY.
P50	OFFIC REFRIGERATOR
P63	OFFIC MICROWAVE



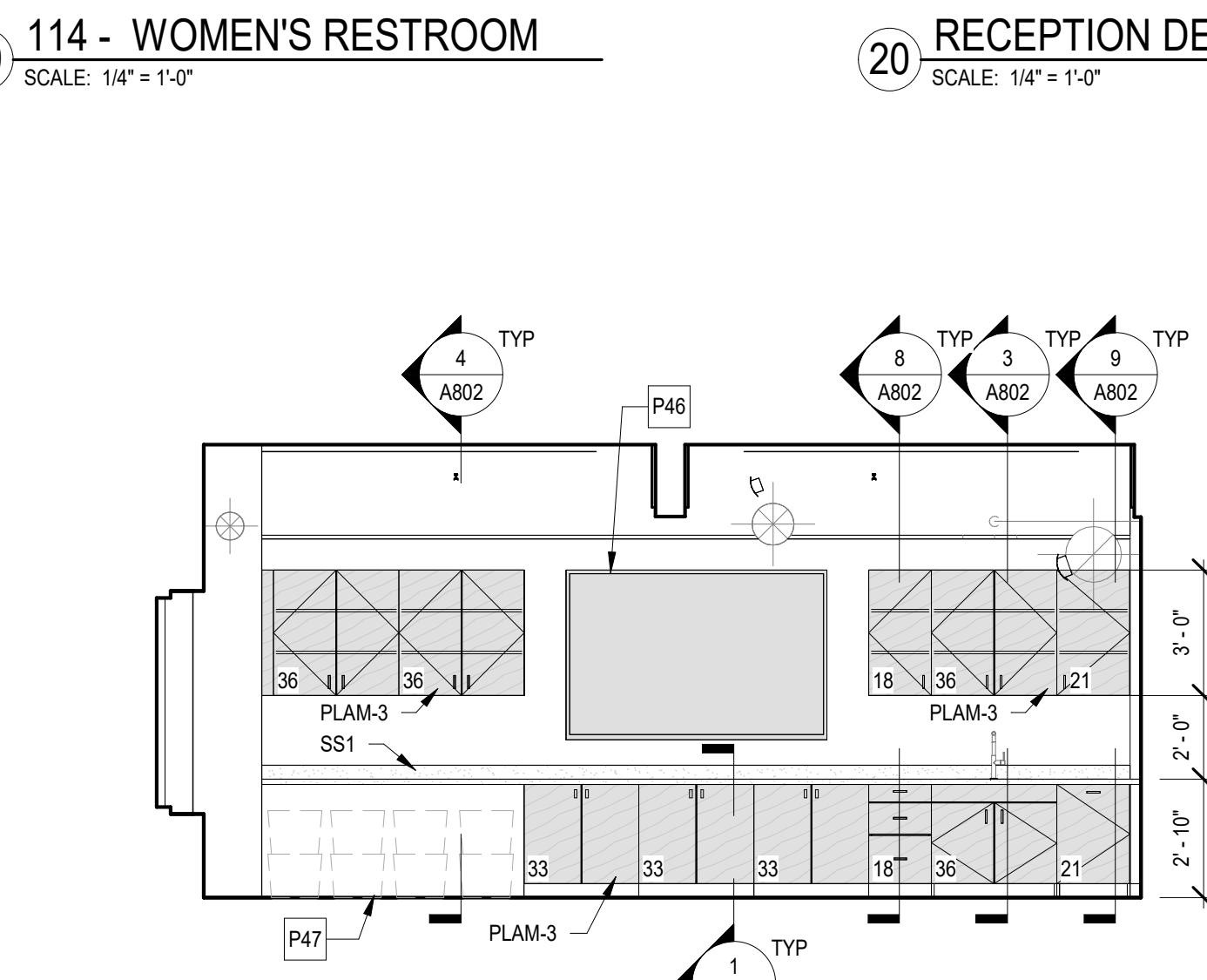
21 RECEPTION DESK - EAST ELEVATION
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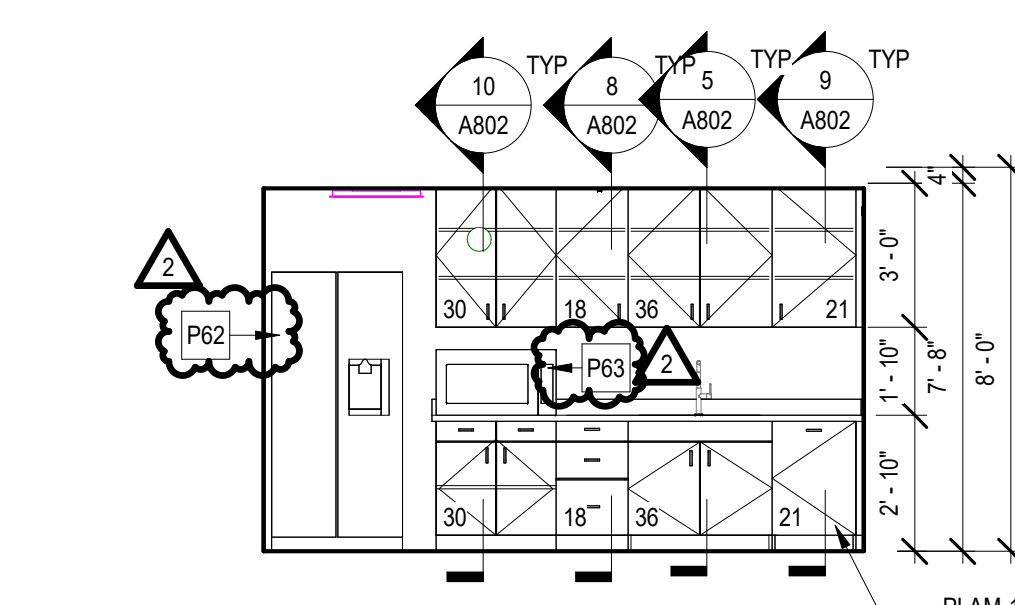
22 RECEPTION DESK - SOUTH ELEVATION
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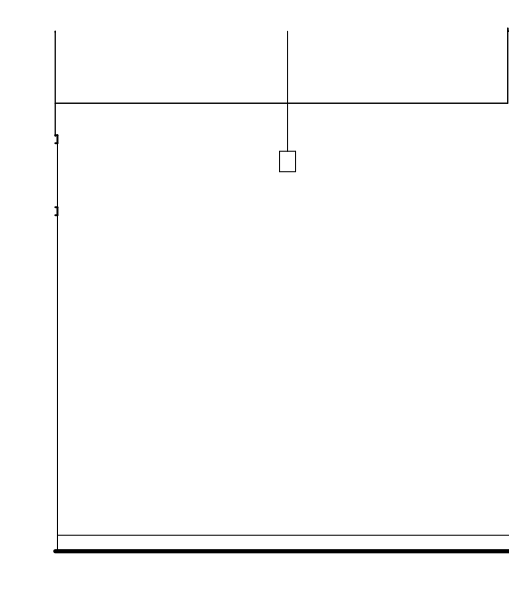
23 009 - CLASSROOM
SCALE: 1/4" = 1'-0"



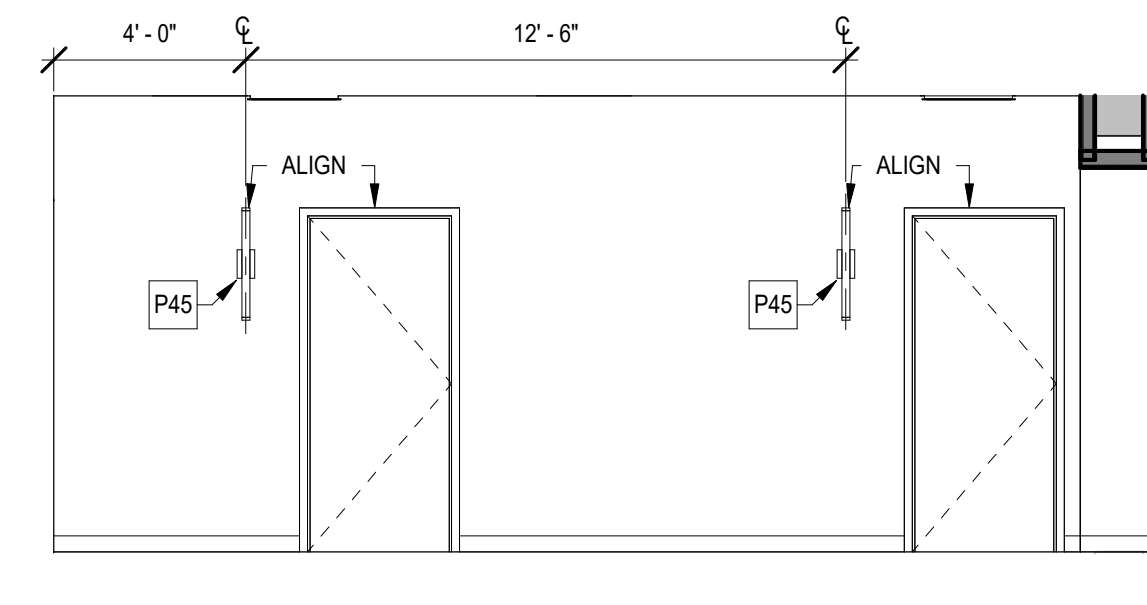
24 010 - CLASSROOM
SCALE: 1/4" = 1'-0"



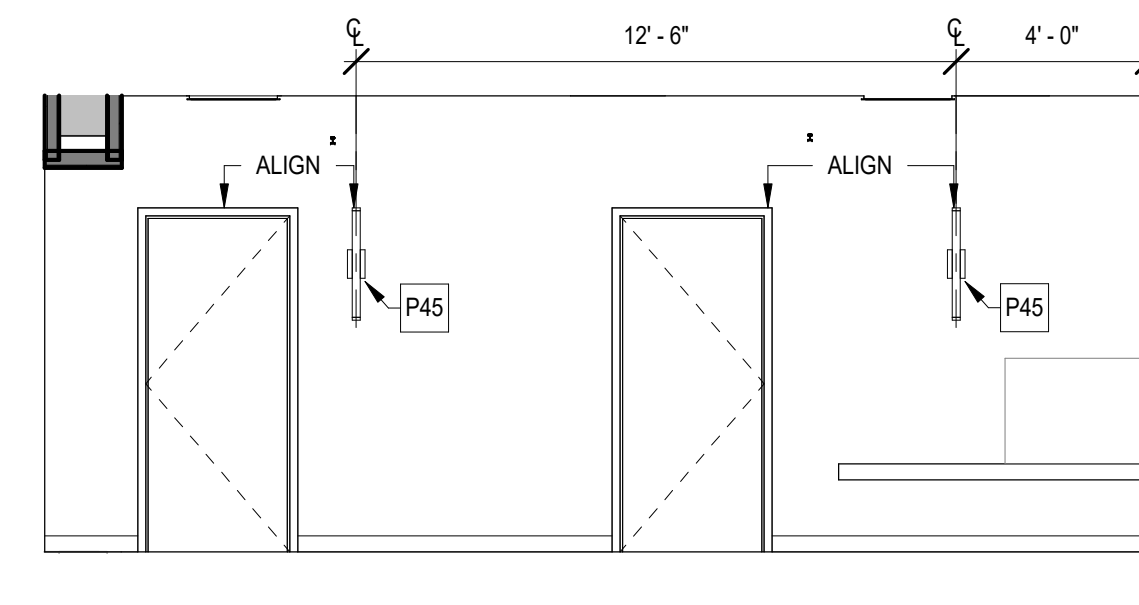
25 027 - BREAKROOM SOUTH
SCALE: 1/4" = 1'-0"



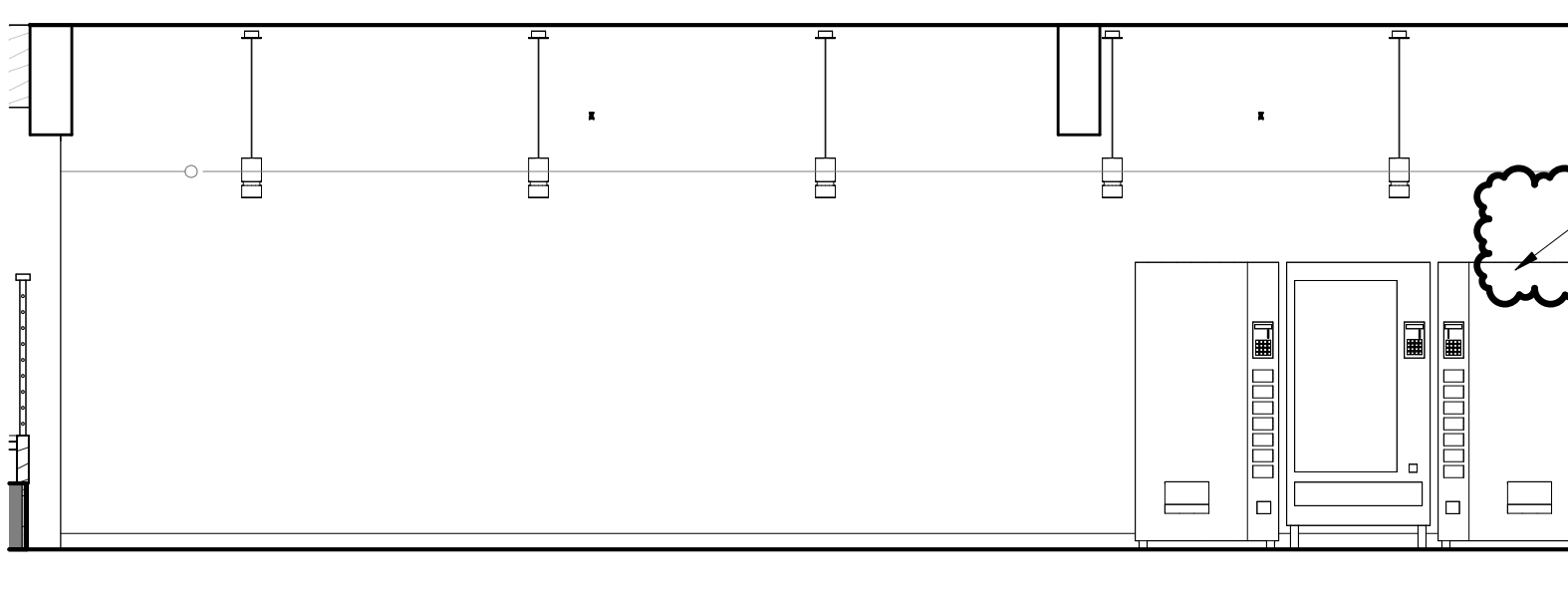
26 001 - ENTRY VESTIBULE WEST
SCALE: 1/4" = 1'-0"



27 117B - NORTH
SCALE: 1/4" = 1'-0"



28 117B - SOUTH
SCALE: 1/4" = 1'-0"



29 014 - CAFE
SCALE: 1/4" = 1'-0"

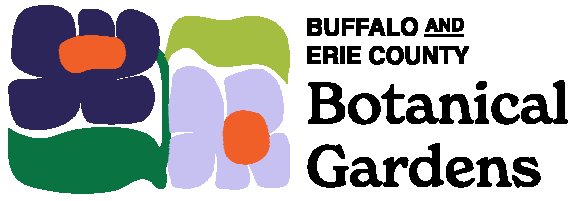
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NO.	REVISIONS	DATE
2	Appendix 2	03/06/2020
3	ISSUE FOR BID	03/16/2020

DWG TITLE
INTERIOR ELEVATIONS

GENERIC SCALE BAR	
0	2'
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.	
DATE	02/18/2025
SCALE	1/4" = 1'-0"
DWN	SSS
CHK	SRN
PROJ. No.	605002
DWG. No.	

A602 ELEVATION KEYNOTES	
P13	SHIM WALL SCONCE OUT FROM HOST WALL SO REAR OF MOUNTING PLATE IS FLUSH WITH FRONT SURFACE OF ADJACENT ACOUSTICAL WALL PANEL. PAINT SHIM TO MATCH HOST WALL. PT-3.
P17	6" E-PROFILE GALVANIZED RAIN GUTTERS WITH END CAPS. SURFACE MOUNT GUTTERS TO SUSTAIN WEIGHT OF 30 LBS PER LINEAR FOOT
P18	PROVIDE IN-WALL BLOCKING
P46	OFCI WALL MOUNTED TV. REFER TO PLANS FOR BLOCKING EXTENTS.
P48	VENDING EQUIPMENT BY OTHERS. SHOWN FOR REFERENCE ONLY.
P67	MECHANICAL TRANSFER GRILLE. CLEARLY CUT SURROUNDING FRP WALL PANEL TO EXTEND BEHIND GRILLE FRAME. REF MECH DWGS.



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BUFFALO, NEW YORK 14218

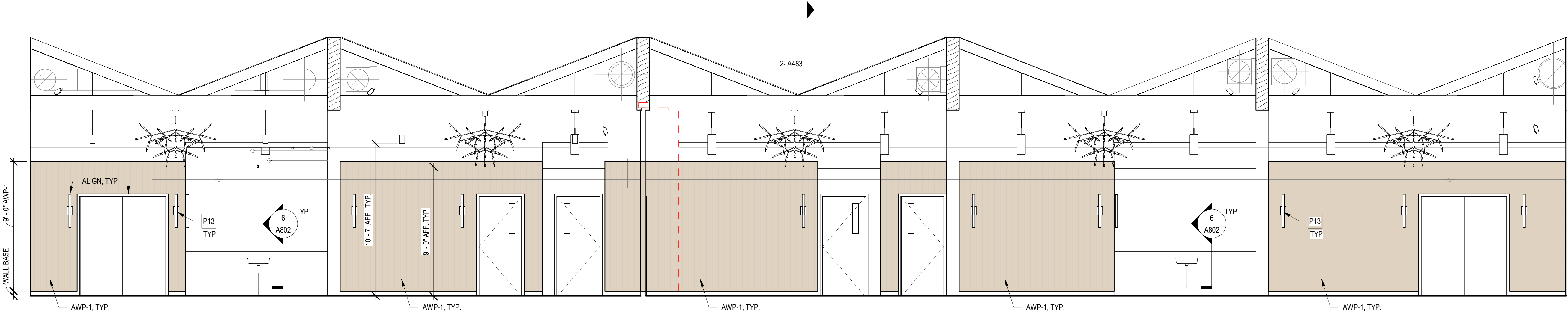
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Gardens Addition
100% CONSTRUCTION
DOCUMENTS



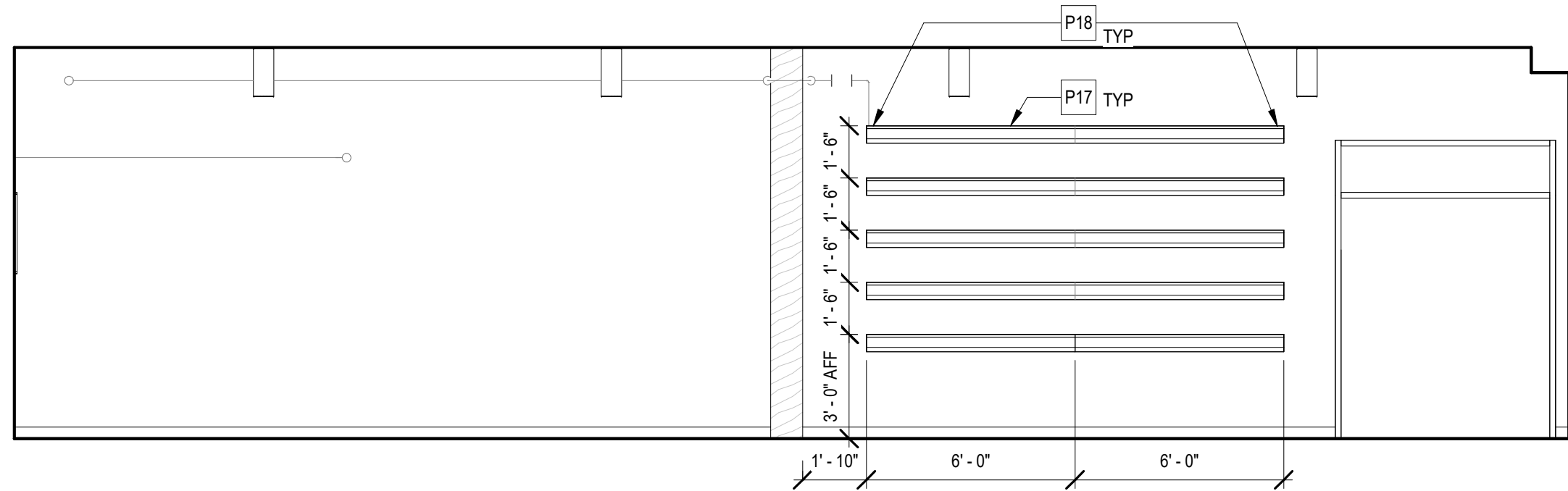
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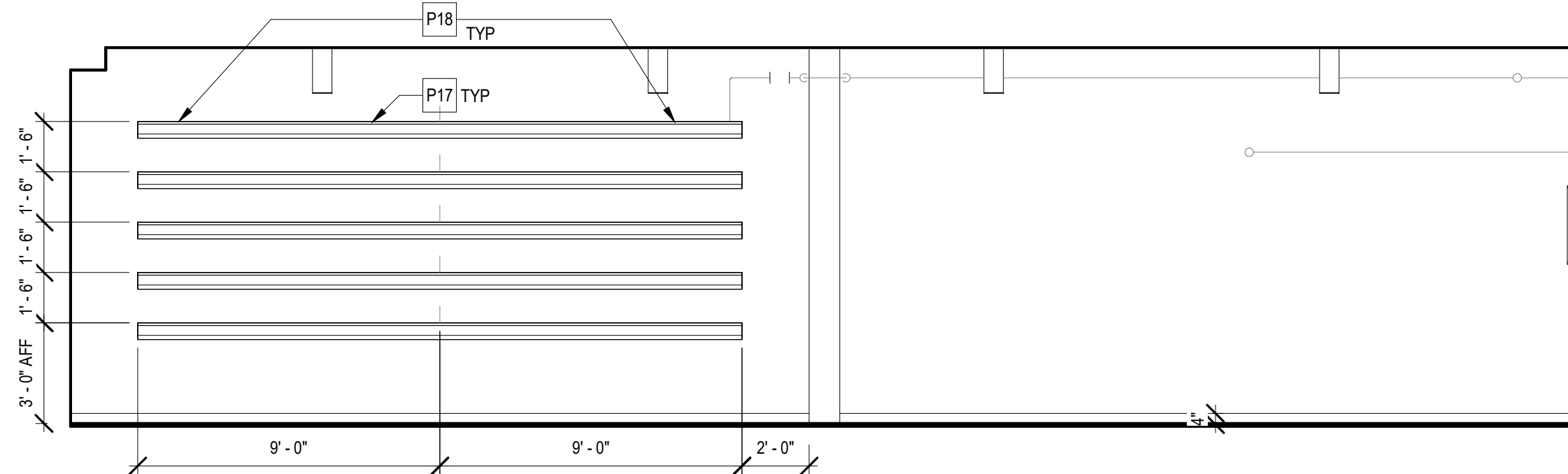
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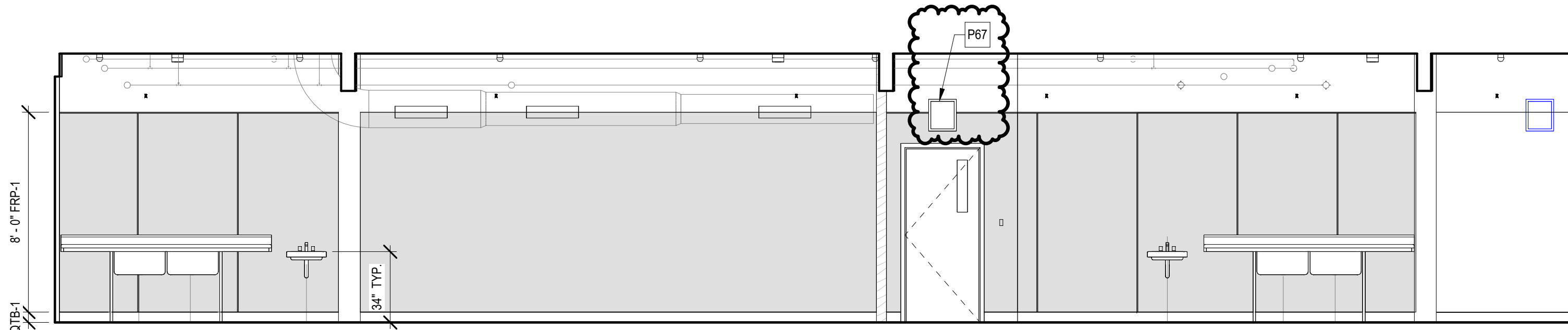
1 108 - EVENT SPACE EAST
SCALE: 1/4" = 1'-0"



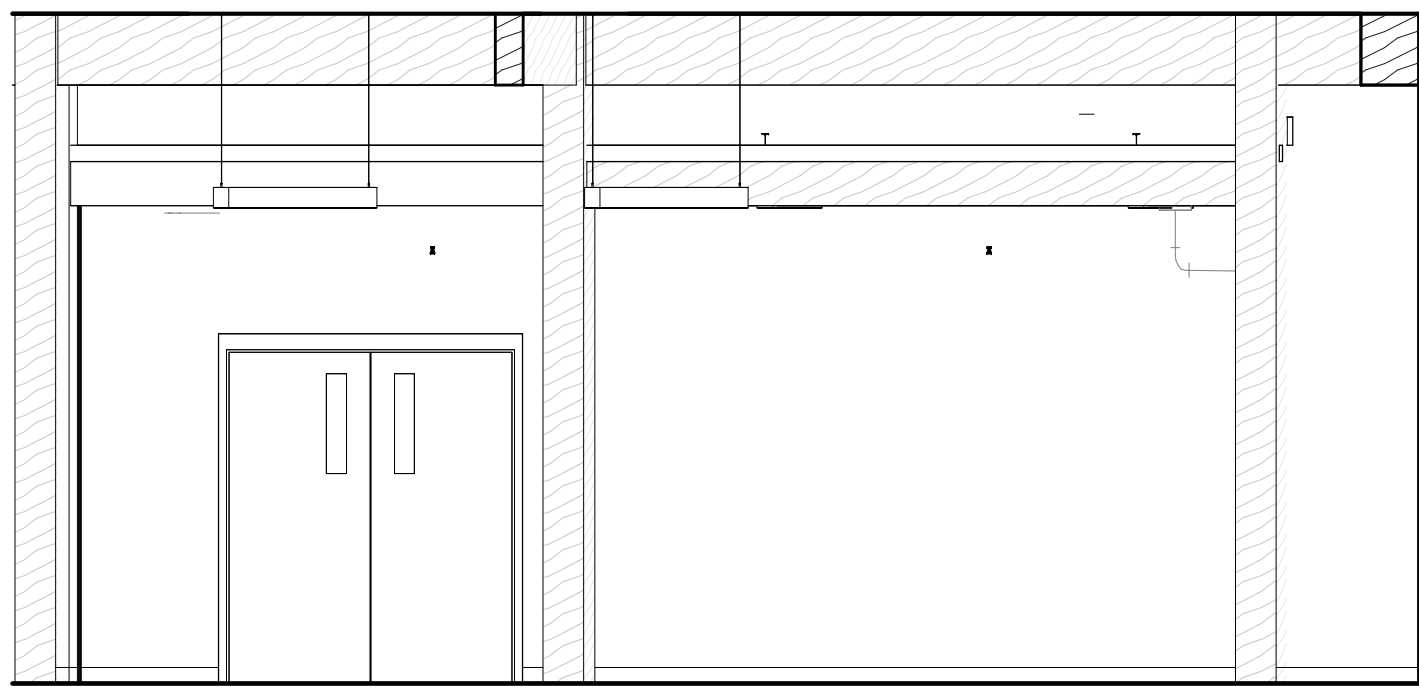
2 108 - EVENT SPACE SOUTH
SCALE: 1/4" = 1'-0"



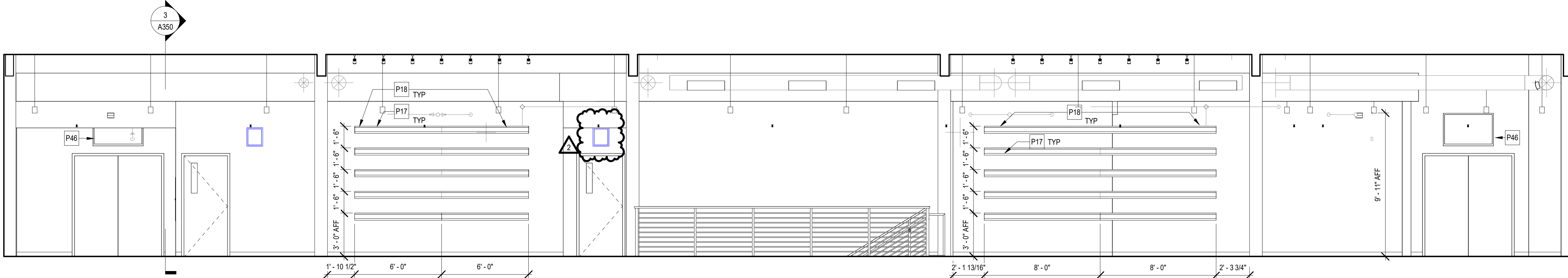
3 109 - EVENT SPACE 2
SCALE: 1/4" = 1'-0"



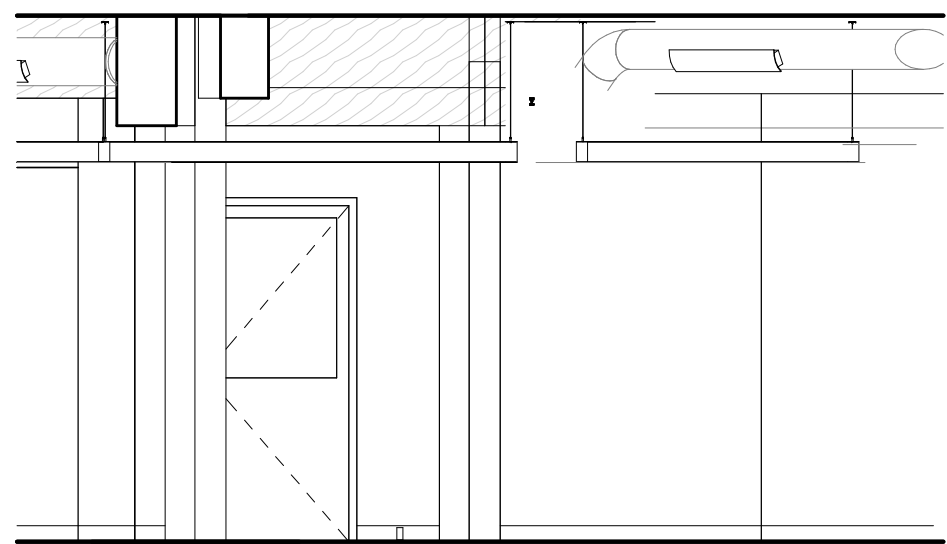
4 105 - EVENT SERVERY
SCALE: 1/4" = 1'-0"



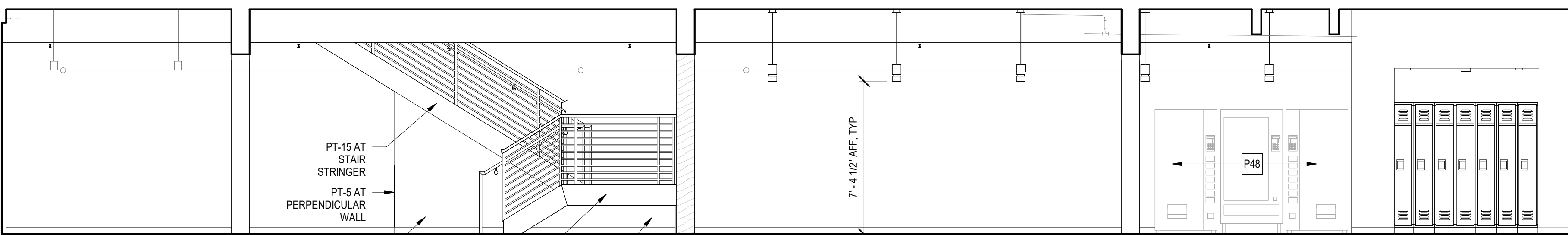
5 103 - ENTRANCE TO CONSERVATORY
SCALE: 1/4" = 1'-0"



6 103 - EVENT HALL AND STAIR
SCALE: 1/4" = 1'-0"



7 005 - ENTRANCE TO EDUCATION SUITE
SCALE: 1/4" = 1'-0"



8 005 - CAFE AND STAIR
SCALE: 1/4" = 1'-0"

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DWG TITLE
INTERIOR ELEVATIONS

GENERIC SCALE BAR	
0	2'
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DATE	02/18/2025
SCALE	1/4" = 1'-0"
DWN.	SSS
CHK.	SRN
PROJ. No.	605902
DWG. No.	

A602

FINISHES KEYNOTES

P16	CERAMIC WALL TILE BEHIND WATER FOUNTAIN. REFER TO INTERIOR ELEVATIONS FOR EXTENT AND TYPE
P20	OPEN EXISTING STAFF LOCKERS. COORDINATE WITH OWNER. PROVIDE NEW WALL BASE AT BASE OF LOCKERS
P21	EXISTING EXPOSED CONCRETE FLOOR TO REMAIN. CLEAN AND REPAIR MINOR SPALLING THROUGHOUT. PREP FOR NEW WALL BASE WHERE REQUIRED.
P29	PROVIDE TRANSITION STRIP FROM VCT TO EXISTING TO REMAIN CONCRETE FLOOR. STRIP TO BE SATIN NICKEL FINISH.
P31	PROVIDE THRESHOLD FROM CONCRETE TO EXISTING TO REMAIN CONCRETE FLOOR. THRESHOLD TO BE SATIN NICKEL FINISH.
P32	GLULAM COLUMN DOES NOT RECEIVE PAINT. PROTECT COLUMN SO EXPOSED WOOD IS FINAL FINISH.
P33	CONCRETE COLUMN DOES NOT RECEIVE PAINT. PROTECT COLUMN SO EXPOSED CONCRETE IS FINAL FINISH.
P34	PROVIDE FRP-1 ON CORNER WALLS ABOVE MOP SINK. WALL-MOUNTED PANELS TO BE 4'-0" X 4'-0".
P36	FILL AND REPAIR SPALLING IN EXISTING TO REMAIN CONCRETE FLOOR.
P61	CORNER GUARD LOCATION. COORDINATE WITH OWNER.

GENERAL FINISH NOTES:

REFER TO SHEET A952 FOR BASIS OF DESIGN FINISH SPECIFICATIONS.

FLOOR FINISH NOTES:

- VCT FLOORING IS TO BE RUN IN A MONOLITHIC PATTERN.
- ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
- PROVIDE VINYL REDUCER STRIPS BETWEEN CARPET AND VINYL FLOORING. STRIPS SHOULD BE CENTERED UNDER DOORS. COLOR TO BE SELECTED BY ARCHITECT.
- CARPET SEAMING TO BE COORDINATED FOR PROPER MATCHING OF CARPET PATTERNS.
- CONTRACTOR TO CORRECTLY TREAT ALL SEAM AND EDGES ACCORDING TO MANUFACTURERS' RECOMMENDED INSTALLATION METHODS AT ALL CARPET-TO-CARPET TRANSITIONS. CONTRACTOR TO SUBMIT SEAMING DIAGRAM TO ARCHITECT FOR APPROVAL. SEAMING DIAGRAM SUBJECT TO ADJUSTMENT OR CHANGE AS REQUIRED.
- CONTRACTOR TO COORDINATE ALL DOOR SWINGS WITH FLOOR MATERIAL FOR FREE AND CLEAR SWING.
- CONTRACTOR TO FLASH PATCH ALL FLOORS AS REQUIRED TO SATISFY ALL ASSEMBLY AND INSTALLATION REQUIREMENTS.
- CLEAN ALL GLUE FROM VCT FLOORING INSTALLATION AND PROVIDE ONE COAT OF MANUFACTURER'S APPROVED POLISHED WAX FINISH. FLASH PATCH AT ALL TRANSITIONS.
- CARPET TO TILE TRANSITION STRIP - SCHLUTER EDGE STRIP. TRANSITION STRIP TO MATCH TILE HEIGHT.
- ALL GROUT TO BE EPOXY BASED (NOT CEMENT BASED) UNLESS OTHERWISE NOTED.
- ALL VINYL WALL BASE SHALL BE PROVIDED IN CONTINUOUS RUNS.

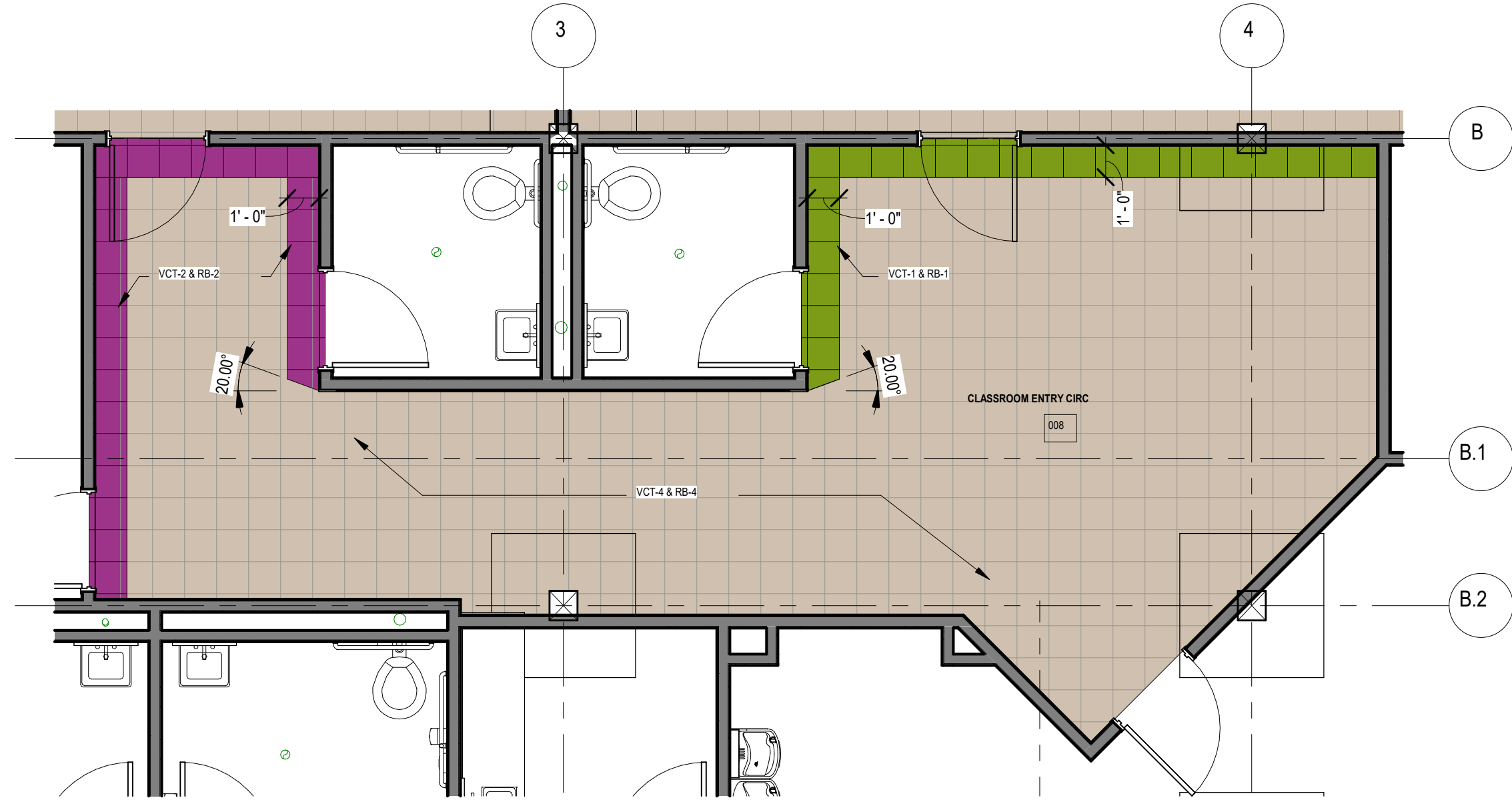
WALL FINISH NOTES:

- ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
- ALL FIRE EXTINGUISHER CABINETS AND FIRE STANDPIPE CABINETS TO BE PRIMED AND PAINTED IN A SEMI-GLOSS FINISH TO MATCH THE WALL FINISH IN WHICH THEY OCCUR UNLESS OTHERWISE NOTED.
- THERE SHALL BE A MINIMUM NUMBER OF (1) PRIMER COAT AND (2) FINISH COATS. MAXIMUM NUMBER OF COATS SHALL BE AS REQUIRED TO OBTAIN UNIFORM COLOR AND SHEEN.
- REFER TO SIGNAGE KEYNOTES ON SHEET A201 FOR REQUIRED SIGNAGE TYPES AND LOCATIONS.

FINISH PLAN SYMBOLS LEGEND:

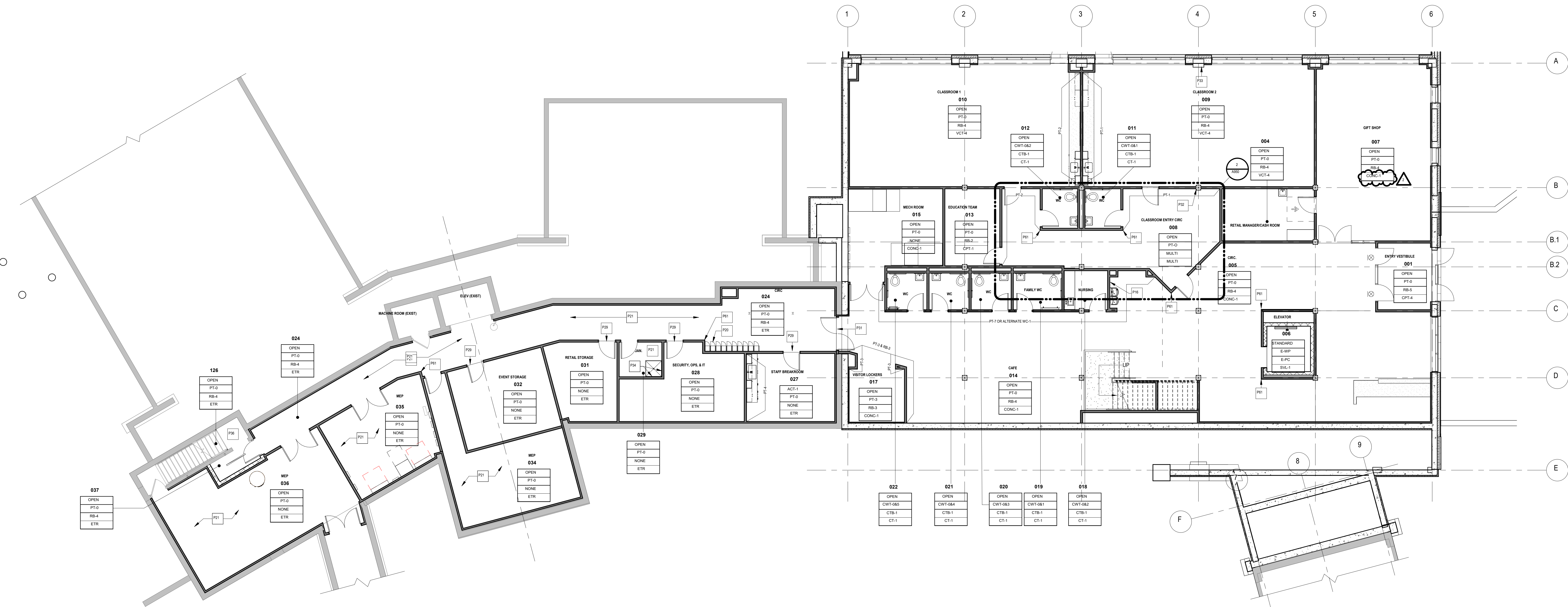
XXX	CEILING FINISH
XXX	WALL FINISH
XXX	WALL BASE
XXX	FLOOR FINISH

NOTE: FOR ACT DETAILS, REFER TO SELECTED CEILING PLANS



2 ENLARGED PLAN AT EDUCATION SUITE ENTRY

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



00 - FINISH PLAN - (GR & BQ) GROUND FLOOR

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



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NO.	REVISIONS	DATE
2	Appendix 2	03/06/2020
3	Issue for BQ	03/16/2020

DWG. TITLE

FINISH PLAN - GROUND FLOOR



DATE	03/16/2020
SCALE	As Indicated
DWN.	SSS
CHK.	SRM
PROJ. No.	60902
DWG. No.	

A950

FINISHES KEYNOTES	
P14	PROVIDE EXPANSION JOINT COVER EJC-1. SEE SHEET A952 FOR TYPE.
P16	CERAMIC WALL TILE BEHIND WATER FOUNTAIN. REFER TO INTERIOR ELEVATIONS FOR EXTENT AND TYPE.
P21	EXISTING EXPOSED CONCRETE FLOOR TO REMAIN. CLEAN AND REPAIR MINOR SPALLING THROUGHOUT. PREP FOR NEW WALL BASE WHERE REQUIRED.
P22	PROVIDE TRANSITION STRIP FROM CARPET TO VCT. STRIP TO BE SATIN NICKEL FINISH.
P23	PROVIDE TRANSITION STRIP FROM PORCELAIN TILE TO VCT. STRIP TO BE SATIN NICKEL FINISH.
P24	PROVIDE TRANSITION STRIP FROM PORCELAIN TILE TO CARPET. STRIP TO BE SATIN NICKEL FINISH.
P25	PROVIDE TRANSITION STRIP FROM QUARRY TILE TO PORCELAIN TILE. STRIP TO BE SATIN NICKEL FINISH.
P26	PROVIDE TRANSITION STRIP FROM QUARRY TILE TO CARPET. STRIP TO BE SATIN NICKEL FINISH.
P29	PROVIDE TRANSITION STRIP FROM VCT TO EXISTING TO REMAIN CONCRETE FLOOR. STRIP TO BE SATIN NICKEL FINISH.
P30	PROVIDE TRANSITION STRIP AT CHANGE IN PORCELAIN TILE. STRIP TO BE SATIN NICKEL FINISH.
P34	PROVIDE FRP-1 ON CORNER WALLS ABOVE MOP SINK. WALL-MOUNTED PANELS TO BE 4'-0" X 4'-0".
P35	PROVIDE TRANSITION STRIP FROM CARPET TO EXISTING TO REMAIN CONCRETE FLOOR. STRIP TO BE SATIN NICKEL FINISH.
P38	PROVIDE CHAIR RAIL CR-1 AT ALL WALLS. MITER AT ALL CORNERS AND BUTT INTO DOOR FRAME. FILL FINISH NAIL HOLES BEFORE PAINTING. PAINT TO MATCH HOST WALL.
P61	CORNER GUARD LOCATION. COORDINATE WITH OWNER.

FINISH PLAN SYMBOLS LEGEND:

XXX	CEILING FINISH
XXX	WALL FINISH
XXX	WALL BASE
XXX	FLOOR FINISH

NOTE: FOR ACT DETAILS, REFER TO SELECTED CEILING PLANS

GENERAL FINISH NOTES:

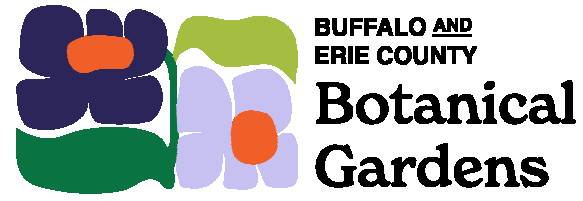
REFER TO SHEET A952 FOR BASIS OF DESIGN FINISH SPECIFICATIONS.

FLOOR FINISH NOTES:

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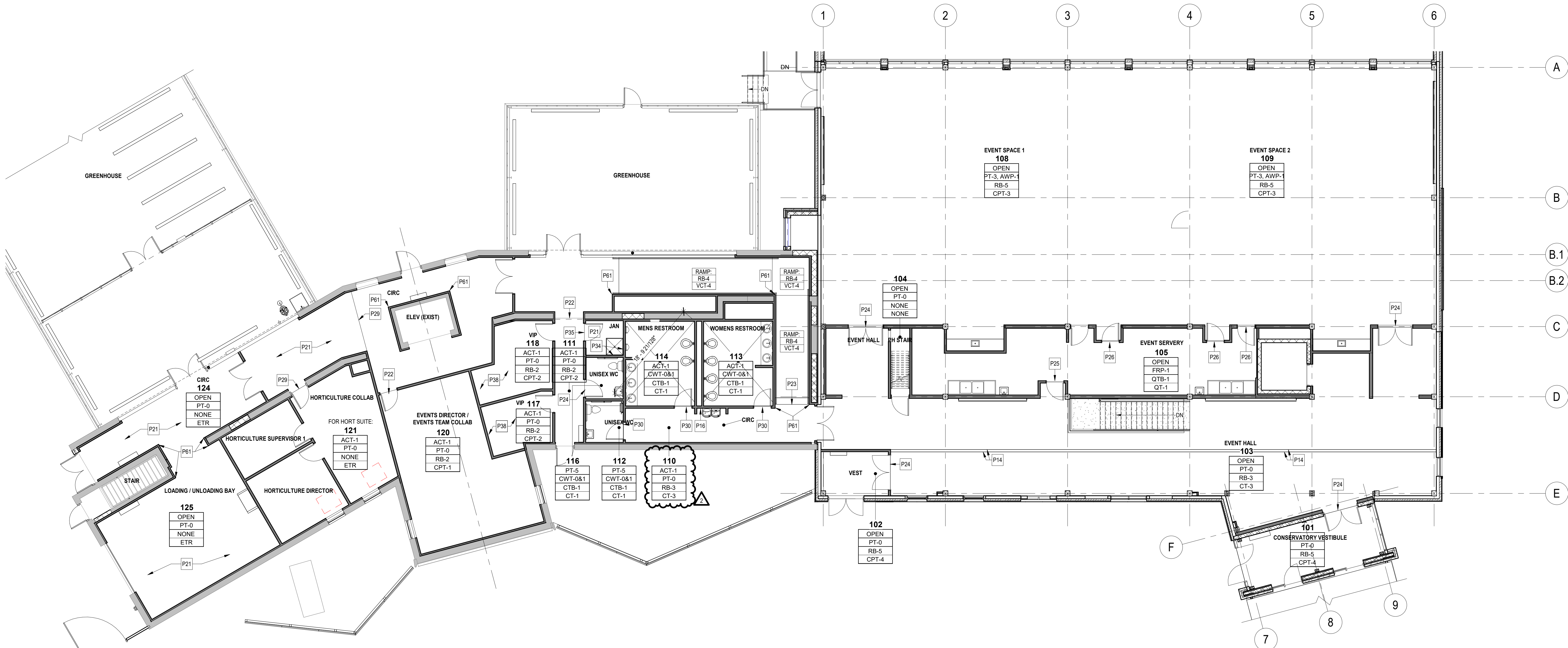
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01 - FINISH PLAN - (BQ) FIRST FLOOR

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NO.	REVISIONS	DATE
2	Appendix 2	03/06/2025
3	Issue for BQ	03/18/2025

DWG. TITLE

FINISH PLAN - FIRST FLOOR



DATE	02/18/2025
SCALE	As indicated
DWN.	SSS
CHK.	SRN
PROJ. No.	605902
DWG. No.	


A951

BASIS OF DESIGN FINISH SPECIFICATIONS													
DESIGNATION	MFR	STYLE	STYLE #	COLOR	COLOR #	INSTALL PATTERN	TYPE	FINISH	DESCRIPTION	HEIGHT	LENGTH	WIDTH	
ELEVATOR FINISHES													
E-PC	BY ELEVATOR MANUF.	POWDER COAT		PRAIRIE GRASS	F-128				ELEVATOR DOOR AND FRAME FINISH				
E-WP	BY ELEVATOR MANUF.	WALL PANEL		NEUTRAL TWILL	8826	INSTALL IN VERTICAL ORIENTATION	ANTIMICROBIAL	MATTE	INTERIOR CAB PANEL				
EXTERIOR - FIBER CEMENT CLADDING													
FCP-TYPE C	NICHHA	VINTAGEWOOD		CEDAR					REF EXTERIOR ELEVATIONS SHEETS A301-A302				
FCP-TYPE P	NICHHA	VINTAGEWOOD		POPLAR					REF EXTERIOR ELEVATIONS SHEETS A301-A302				
FCP-TYPE R	NICHHA	VINTAGEWOOD		REDWOOD					REF EXTERIOR ELEVATIONS SHEETS A301-A302				
FCP-TYPE S	NICHHA	SANDSTONE		DESERT					REF EXTERIOR ELEVATIONS SHEETS A301-A302				
EXTERIOR CLADDING													
69													
FLOORING													
CONC-1		POLISHED CONCRETE							REF ARCHITECTURAL SPECS				
TS-2	SCHLUTER SYSTEMS	SCHENE	ALUMINUM	BRONZE					TRANSITION AT STAIR TREAD	8MM (5/16 IN)			
FLOORING - CARPET													
CPT-1	INTERFACE	TOUCH OF TIMBER	-	ELM	606214	ASHLAR	-	-	OFFICES	-	-	-	
CPT-2	INTERFACE	TOUCH OF TIMBER		BAMBOO	606212	ASHLAR	-	-	CELEBRATION SUITE				
CPT-3	J+J FLOORING	KINETEX TRI-PLEX II	1852	FIGURES	2596	ASHLAR	-	-	EVENT SPACE FLOORING	0.205 IN	24 IN	24 IN	
CPT-4	FORBO	CORAL DUO WALCOFF CARPET SQUARES		BLACK DIAMOND	9730	STACKED BOND	-	-	VESTIBULES		20 IN	20 IN	
FLOORING - CERAMIC TILE													
CT-1	DALTILE	INDOTERRA COLORBODY FLOOR TILE	-	RIVERBED	IN43	ASHLAR	PORCELAIN	-	FLOOR TILE IN TOILET ROOMS	5/16 IN THICK	12 IN	24 IN	
CT-2	DALTILE	INDOTERRA COLORBODY FLOOR TILE		RIVERBED	IN43	STACKED BOND	PORCELAIN	-	RISE AT STAIR	5/16 IN THICK	6 IN	24 IN	
CT-3	DALTILE	REKINOLE		BEIGE	RK11	ASHLAR	PORCELAIN	-	FLOOR TILE IN EVENT HALL	5/16 IN THICK	24 IN	48 IN	
CTB-1	DALTILE	INDOTERRA COLORBODY FLOOR TILE COVE BASE	P36C9	RIVERBED	IN43			-	WALL BASE WITH CT-1	6 IN	12 IN	-	
QT-1, QTB-1	DALTILE	QUARRY TILE	QUARRY	ARID GRAY	OQ42 (2)	STACK BOND	QUARRY		EVENT SERVERY: USE OTB-1 BASE Q3565				
FLOORING - SHEET VINYL													
SVL-1	ALTRO	ELEVATOR FLOORING	RELIANCE 25	BISCUIT	D25904		ROLL		ELEVATOR FLOORING: 6.27LBS/SQUARE YARD WEIGHT	2.5 MM THICK			
FLOORING - VINYL COMPOSITION TILE													
VCT-1	TARKETT	VCT II	-	GREEN GRAPE	526	-	-	-	TBD	1/8 IN	12 IN	12 IN	
VCT-2	TARKETT	VCT II	-	DEEP PLUM	513	-	-	-	TBD	1/8 IN	12 IN	12 IN	
VCT-3	TARKETT	VCT II	-	MUSHROOM	593	-	-	-	TBD	1/8 IN	12 IN	12 IN	
VCT-4	TARKETT	VCT II	-	STONE TAUPE	601	-	-	-	CLASSROOMS, BREAK ROOM	1/8 IN	12 IN	12 IN	
GROUT													
GT-0	MAPEI	ULTRACOLOR PLUS FA		BISCUIT	14				USE WITH CWT				
GT-1	MAPEI	ULTRACOLOR PLUS FA		PENTER	02				USE WITH CT-1, CT-2				
GT-2	MAPEI	ULTRACOLOR PLUS FA		TBD					USE WITH QT-1				
GT-3	MAPEI	ULTRACOLOR PLUS FA		MALTA	16				USE WITH CT-3				
PAINT													
PT-0	SHERWIN WILLIAMS	-	-	GREEK VILLA	SW 7551	-	LATEX	EG-SHELL	FIELD PAINT ALL WALLS UNO	-			
PT-1	SHERWIN WILLIAMS	-	-	TANSY GREEN	SW 6424	-	LATEX	EG-SHELL	GREEN ACCENT WALLS	-	-	-	
PT-2	SHERWIN WILLIAMS	-	-	MATURE GRAPE	SW 6286	-	LATEX	EG-SHELL	PURPLE ACCENT WALLS	-	-	-	
PT-3	SHERWIN WILLIAMS	-	-	UTAUPEIA	SW 9088	-	LATEX	EG-SHELL	EVENT SPACE, ACCENT WALLS	-	-	-	
PT-4	SHERWIN WILLIAMS	-	-	GOLDEN PLUMERIA	SW 9019	-	LATEX	EG-SHELL	YELLOW ACCENT WALLS	-	-	-	
PT-5	SHERWIN WILLIAMS	-	-	MALABAR	SW 9110	-	LATEX	EG-SHELL	ACCENT WALLS	-			
PT-6	SHERWIN WILLIAMS	-	-	MALABAR	SW 9110	-	LATEX	FLAT	MECHANICAL DUCTS	-			
PT-7	SHERWIN WILLIAMS	-	-	PARAKEET	SW 6711	-	LATEX	EG-SHELL	ACCENT WALL IN GROUND FLOOR CIRC				
PT-8	SHERWIN WILLIAMS	-	-	PARAKEET	SW 6711	-	LATEX	SEMI-GLOSS	DOOR FRAMES TO MATCH HOST WALL				
PT-9	SHERWIN WILLIAMS	-	-	SASSY GREEN	SW 6416	-	LATEX	SEMI-GLOSS	ALTERNATE: DOOR FRAMES TO GO WITH WVC-1				
PT-10	SHERWIN WILLIAMS	-	-	GREEK VILLA	SW 7551	-	LATEX	SEMI-GLOSS	TRIM & DOOR FRAMES TO MATCH HOST WALL				
PT-11	SHERWIN WILLIAMS	-	-	TANSY GREEN	SW 6424	-	LATEX	SEMI-GLOSS	TRIM & DOOR FRAMES TO MATCH HOST WALL				
PT-12	SHERWIN WILLIAMS	-	-	MATURE GRAPE	SW 6286	-	LATEX	SEMI-GLOSS	TRIM & DOOR FRAMES TO MATCH HOST WALL				
PT-13	SHERWIN WILLIAMS	-	-	GREEK VILLA	SW 7551	-	LATEX	FLAT	CEILING	-	-	-	
PT-14	SCUFFMASTER	METALLI-COAT 2000 AND ULTRA-CLEAR TOPCOAT	-	SOLID METAL	TBD	-	SEMI-GLOSS	SEMI-GLOSS	STAIR GUARDRAIL, APPLY ULTRA CLEAR COAT IN STAIN AS TOPCOAT				
PT-15	SHERWIN WILLIAMS	-	-	MALABAR	SW 9110	-	ENAMEL	SEMI-GLOSS	STAIR STRINGER				
PLASTIC LAMINATE													
PLAM-3	WILSONART	STANDARD LAMINATE	-	MISSION MAPLE	7990-38	-	-	FINE VELVET FINISH	CASEWORK	-	-	-	
RESILIENT BASE													
RB-1	TARKETT	BASEWORKS THERMOSET RUBBER (TYPE TS), W/TOE	-	GLENHAVEN	TH1	-	RUBBER	-	USE WITH VCT-1	4 IN	CONTINUOUS	-	
RB-2	TARKETT	BASEWORKS THERMOSET RUBBER (TYPE TS), W/TOE	-	POETRY PLUM	TG9	-	RUBBER	-	USE WITH VCT-2	4 IN	CONTINUOUS	-	
RB-3	TARKETT	BASEWORKS THERMOSET RUBBER (TYPE TS), W/TOE	-	FAWN CG	80	-	RUBBER	-	USE WITH VCT-3, CPT-1, CPT-2	4 IN	CONTINUOUS	-	
RB-4	TARKETT	BASEWORKS THERMOSET RUBBER (TYPE TS), W/TOE	-	PEBBLE WG	32	-	RUBBER	-	USE WITH LVL, YELLOW-1	4 IN	CONTINUOUS	-	
RB-5	TARKETT	BASEWORKS THERMOSET RUBBER (TYPE TS), W/TOE	-	BURNT LUMBER	63	-	RUBBER	-	USE WITH CPT-3, CPT-4	4 IN	CONTINUOUS	-	
ROLLER SUNSHADES													
RS-1	MECHOSHADE	MECHOISX	3% OPENNESS	LIGHT GRAY	1683				SUNSHADE FOR EVENT SPACES AND EVENT HALL, REF DETAIL 6/A451, 14/A922				
SOLID SURFACE													
SSM-1	CORIAN	-	-	LINEN	-	-	-	-	ALL COUNTERTOPS UNO	1/2 IN	-	-	
SSM-2	LG HAUSYS	HI-MACS CLASSIC	-	BANANA	S26	-	-	-	COUNTERTOP - BREAK ROOM	-	-	-	
TOILET PARTITIONS													
TP-1	SCRANTON PRODUCTS	HINY HIDERS		SANDCASTLE				ORANGEPEEL	TOILET ROOMS	72 IN EXTRA HIGH			
TRANSITION STRIP													
TS-1	SCHLUTER SYSTEMS	RENO- FOR SLOPED TRANSITIONS		BRUSHED ANTIQUE	BRONZE ANODIZED				COORDINATE PROFILE WITH FLOORING MATERIAL HEIGHTS				
WALL FINISHES - ACOUSTIC WALL PANELS													
AWP-1	MDC	ZINTRA STICKS - BUNDLES	NARROW PORTRAIT	SPOTTED GUM					EVENT SPACE WALL	1/2 IN THICK	9 FT	4'	
WALL FINISHES - CERAMIC WALL TILE													
CWT-0	DALTILE	COLOR WHEEL CLASSIC	CLASSIC	MATTE BISCUIT	K775 (1)	ASHLAR	CERAMIC	MATTE	WALL TILE ABOVE WAINSCOT LEVEL				
CWT-1	DALTILE	COLOR WHEEL CLASSIC	CLASSIC	GARDEN SPOT	0141 (3)	RUNNING BOND 1/3 OFFSET	CERAMIC	GLOSSY	WALL TILE - GREEN	5/16 IN	TBD	TBD	
CWT-2	DALTILE	COLOR WHEEL CLASSIC	CLASSIC	PLUM CRAZY	1178	RUNNING BOND 1/3 OFFSET	CERAMIC	GLOSSY	WALL TILE - PURPLE	5/16 IN	TBD	TBD	
CWT-3	DALTILE	COLOR WHEEL CLASSIC	CLASSIC	KEY LIME	1098	RUNNING BOND 1/3 OFFSET	CERAMIC	GLOSSY	WALL TILE - LIGHT GREEN	5/16 IN	TBD	TBD	
CWT-4	DALTILE	COLOR WHEEL CLASSIC	CLASSIC	MUSTARD	1012	RUNNING BOND 1/3 OFFSET	CERAMIC	GLOSSY	WALL TILE - YELLOW-1				
CWT-5	DALTILE	COLOR WHEEL CLASSIC	CLASSIC	ORANGE BURST	1097	RUNNING BOND 1/3 OFFSET	CERAMIC	GLOSSY	WALL TILE - ORANGE				
WALL FINISHES - WALL PROTECTION													
CG-1	INPRO	150 HIGH IMPACT CORNERGUARDS	RIGID VINYL	WHITE SAND	0103				USE WITH PT-0, REFER TO KEYNOTES IN FINISH PLANS FOR LOCATIONS	8'			
CR-1	WOOD	CHAIR RAIL TRIM MOLDING	EWOHS	POPLAR		MITER AT CORNERS		PAINT	PROVIDE IN CELEBRATION SUITE AT 32" AFF. REF. SHEET A951				
FRP-1	MARLITE	FIBERGLASS REINFORCED WALL PANELS	PEBBLED	LIGHT GRAY	P151	INSTALL IN VERTICAL ORIENTATION			EVENT SERVERY: PROVIDE PVC TRIM & TOP CAP	4 FT	8 FT		
WALL FINISHES - WALLCOVERING													
WC-1	WOLF GORDON	RAMPART	GOH 33771657	RESHAMEARTHY GREEN	-	INSTALL VERTICAL	-	-	ALTERNATE: ACCENT AT GROUND FLOOR CIRC	-	-	54"	
WC-2	CARNEGIE	XOREL METEROR	6427W						FABRIC FOR EVENT SPACE OPERABLE PARTITION				
WOOD													
DOORS	TBD	WHITE BIRCH (PLAIN SLICE)	CLEAR STAIN	-	-	-	-	-	REFER TO DOOR MANUFACTURER	SEE STAIR DETAILS	-	-	
WD-1	-	QUARTERSAWN RED OAK	CLEAR STAIN	-	-	-	-	-	STAIR TREAD				
WD-2	WOOD		CLEAR STAIN	-	-	-	-	-	STAIR GUARDRAIL TOP RAIL, STAIR HANDRAIL				

REFER TO SHEET A952 FOR BASIS OF DESIGN FINISH SPECIFICATIONS.

FLOOR FINISH NOTES:

- WALL FINISH NOTES:

- 
- BUFFALO AND
ERIE COUNTY**
**Botanical
Gardens**

**Buffalo And Erie County
Botanical Gardens
2655 SOUTH PARK AVENUE
BUFFALO, NEW YORK 14218**

**Buffalo And Erie County Botanical
Gardens Addition
100% CONSTRUCTION
DOCUMENTS**



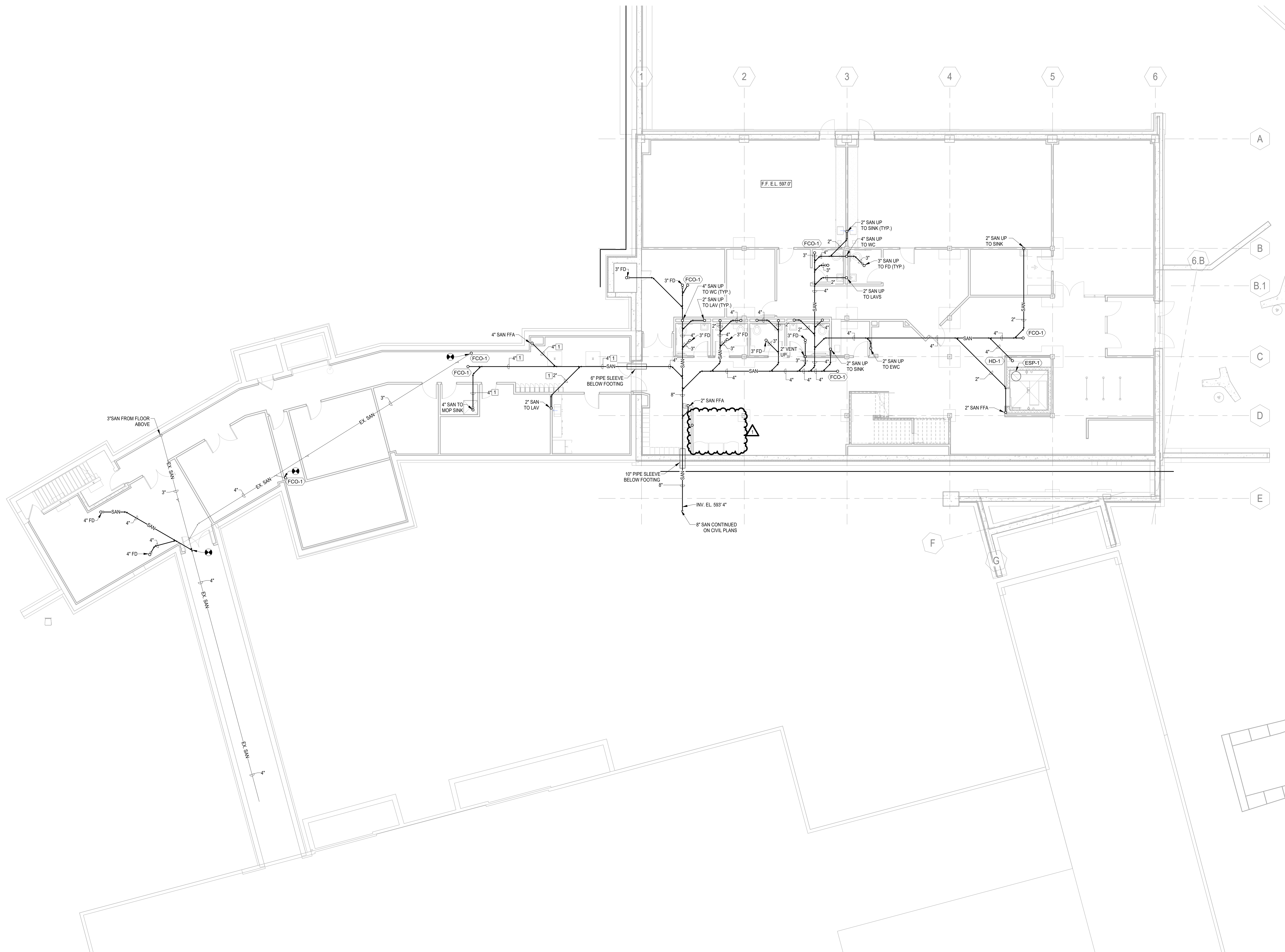
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CONSTRUCTION NOTES:

- SANITARY PIPING ROUTED BELOW EXISTING SLAB. SAW CUT SLAB TO ALLOW FOR PIPE INSTALLATION. REFER TO STRUCTURAL PLANS FOR SLAB PATCHING.



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

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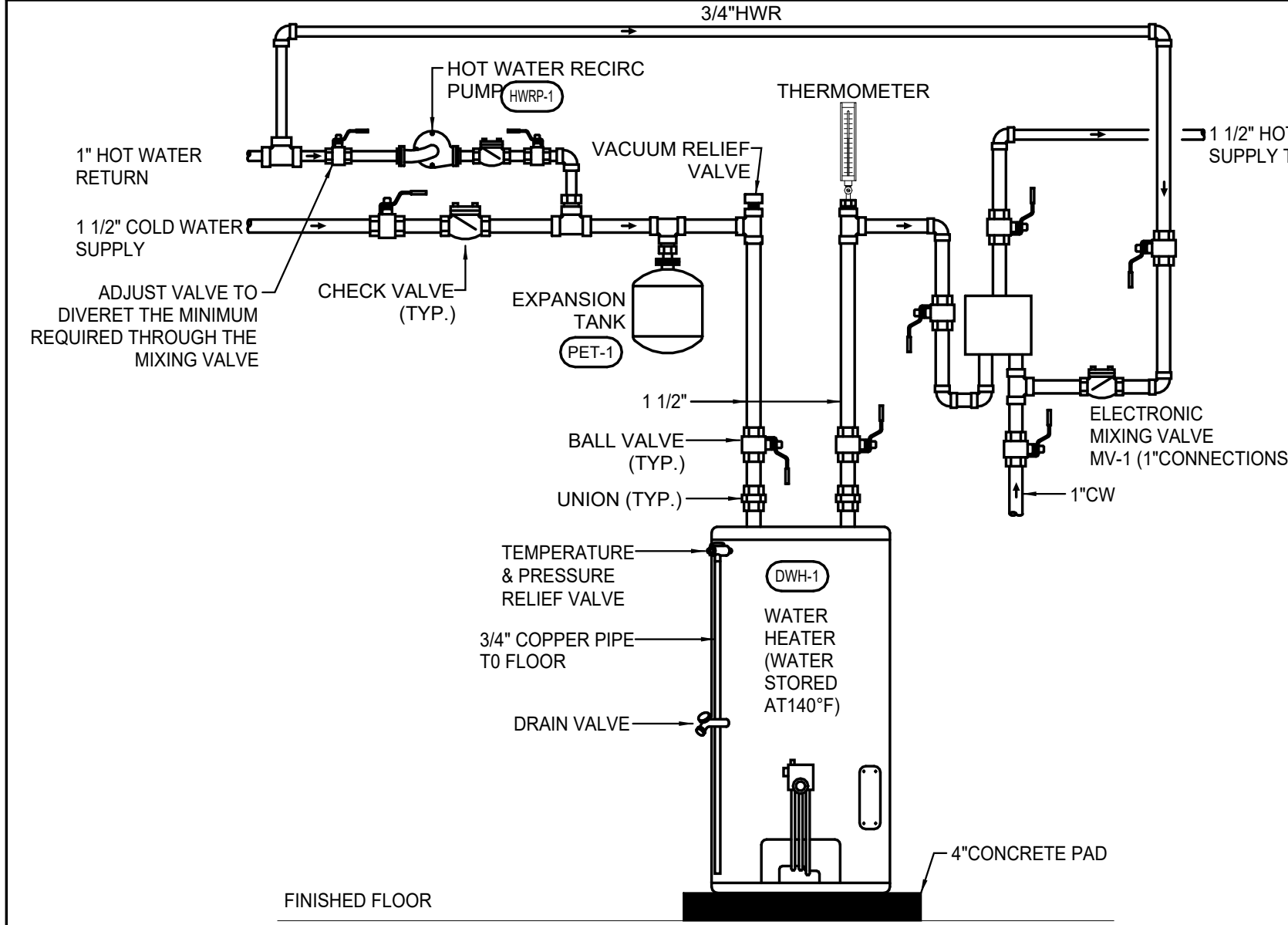
NO.	REVISIONS	DATE
1	ADDENDUM 2	03/06/2025
2	ISSUED FOR BID	02/18/2025

BELOW GRADE PLAN

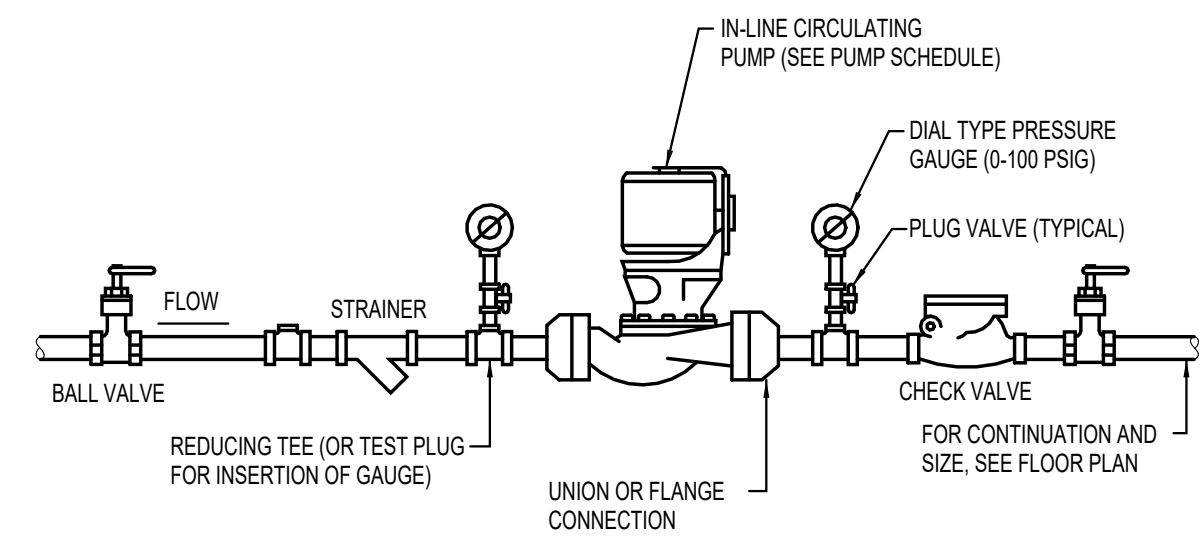
GENERIC SCALE BAR
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DATE: 02/18/2025
SCALE: 1/8" = 1'-0"
DWN: WJH
CHK: JTW
PROJ. No: 605902
DWG. No:

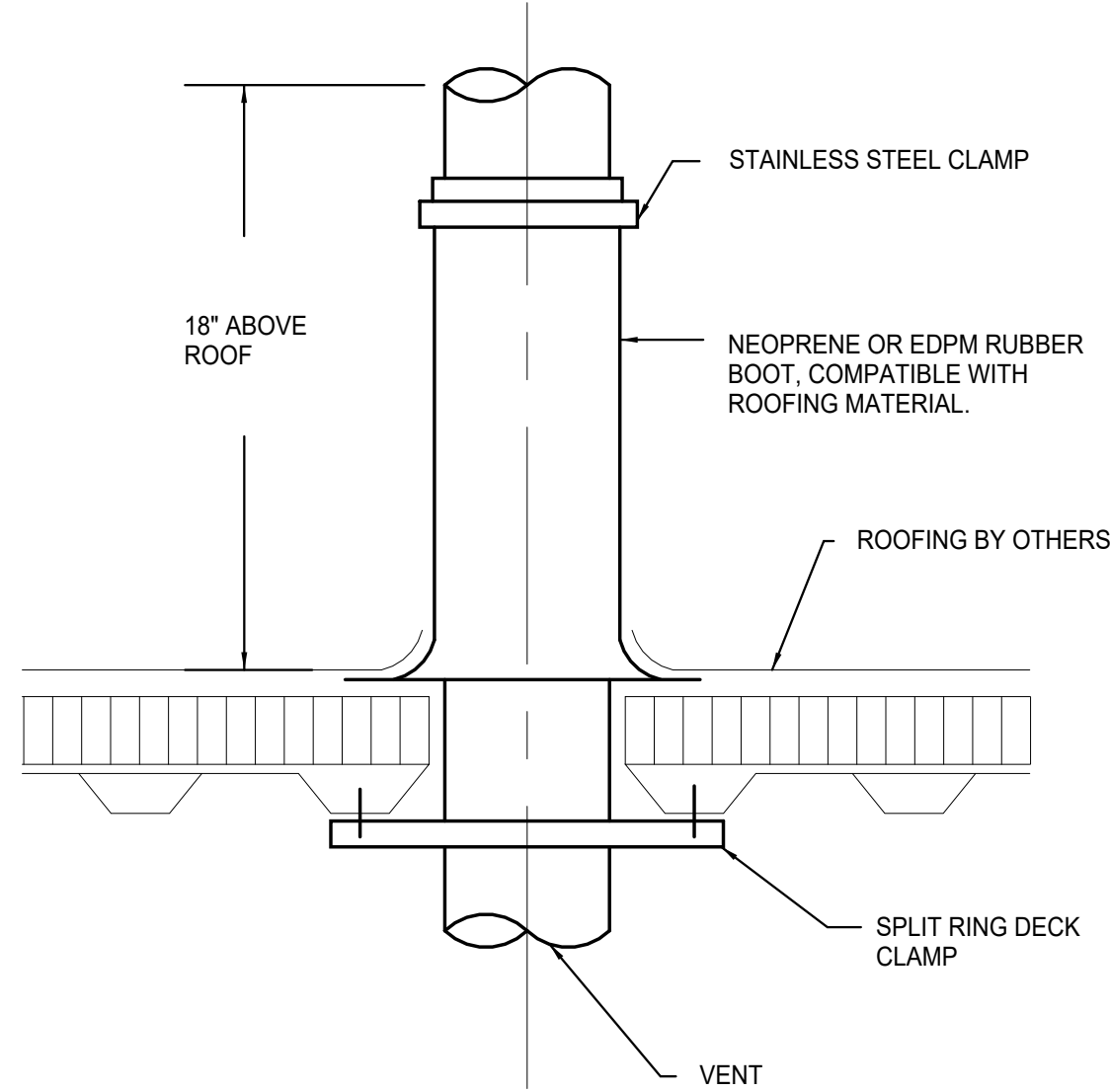
P101



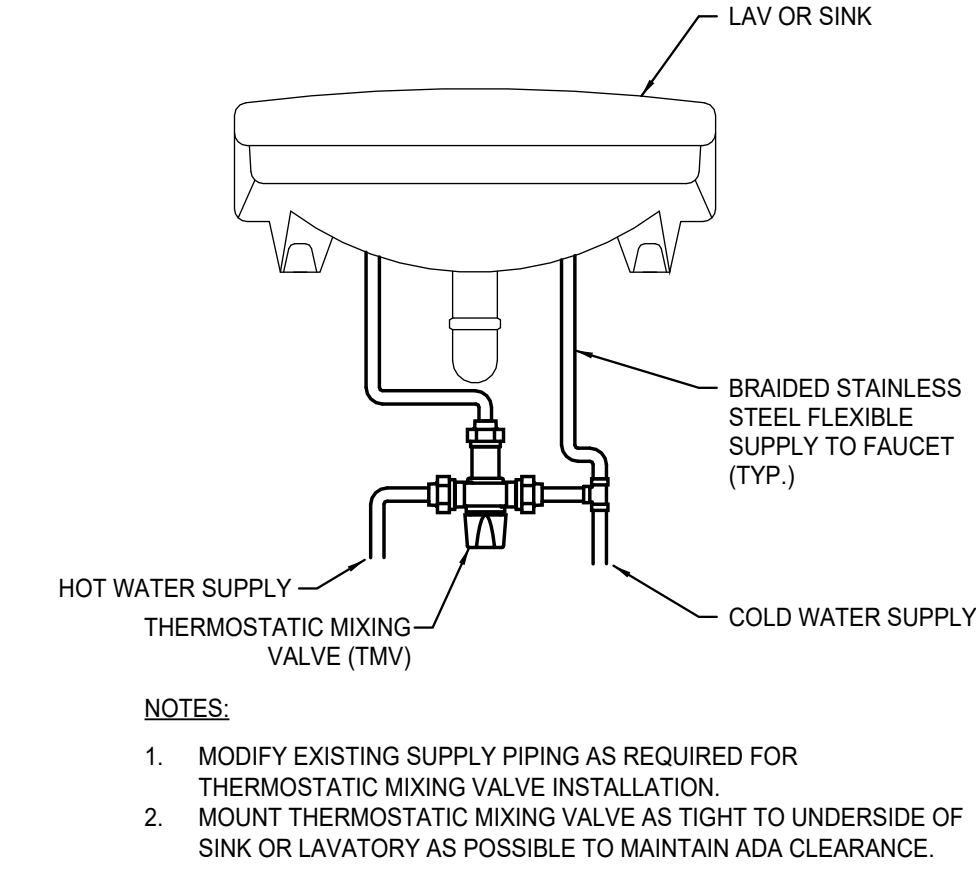
1 ELECTRIC WATER HEATER DETAIL
SCALE: NOT TO SCALE



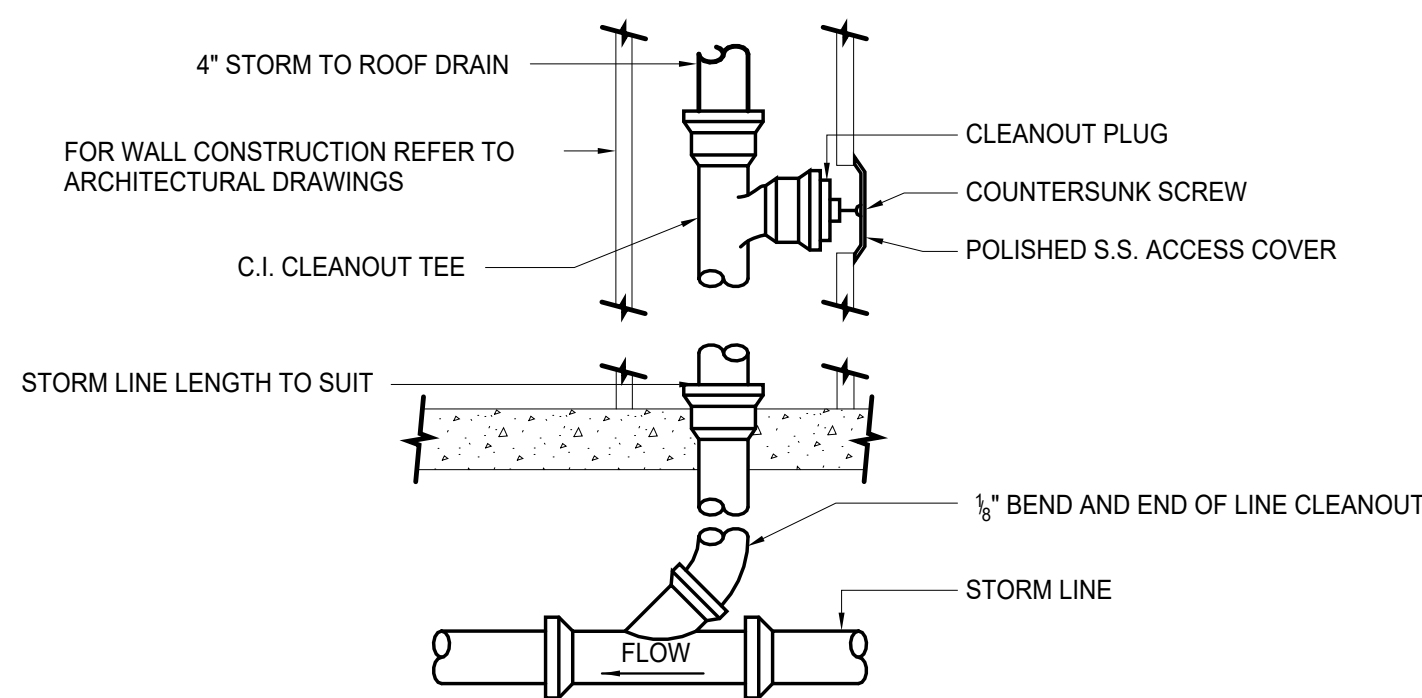
2 IN-LINE CIRCULATING PUMP DETAIL
SCALE: NOT TO SCALE



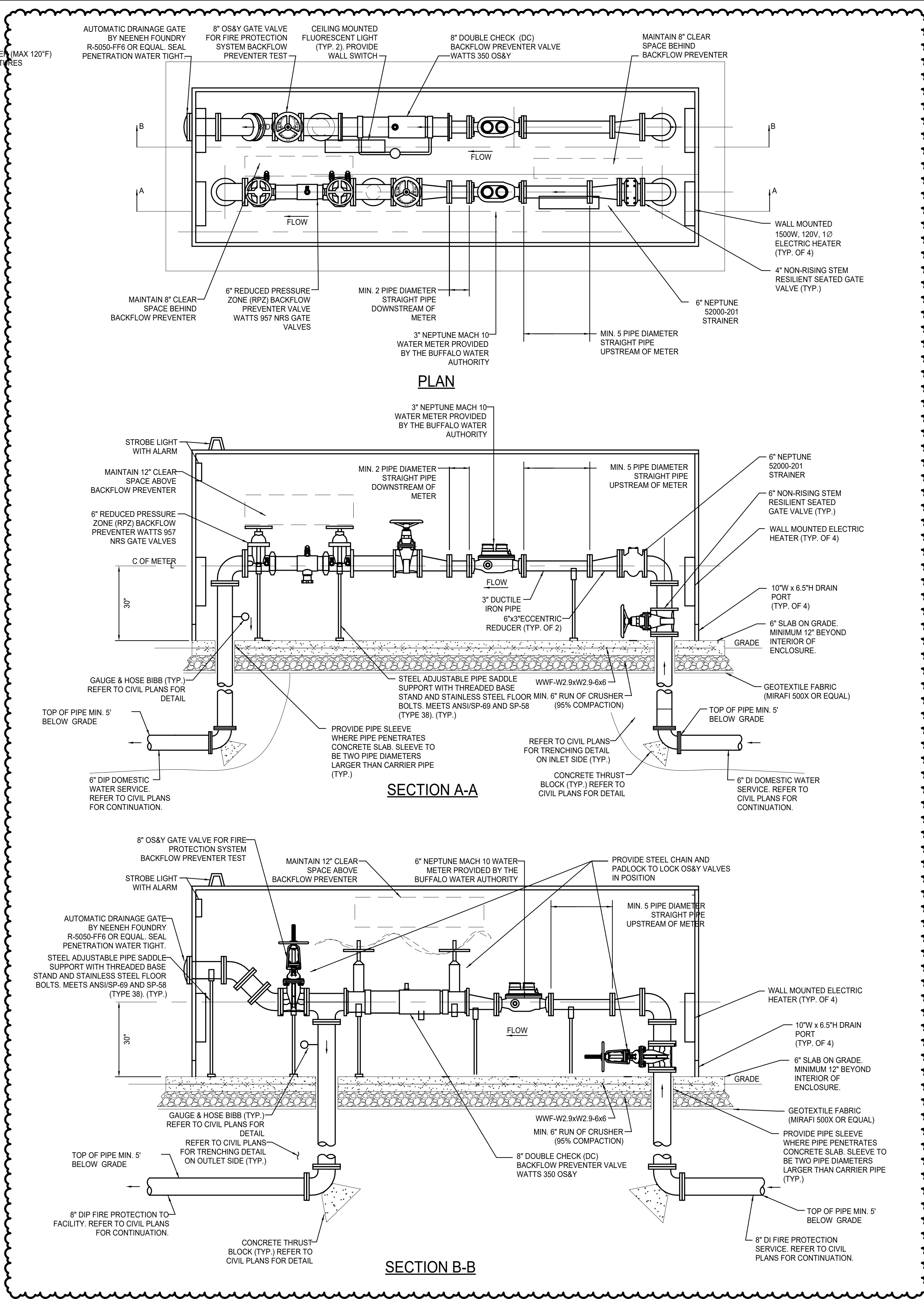
3 VENT/PIPE THRU ROOF DETAIL
SCALE: NOT TO SCALE



4 THERMOSTATIC MIXING VALVE AT HAND SINK DETAIL
SCALE: NOT TO SCALE



5 STORM PIPING WALL CLEANOUT DETAIL
SCALE: NOT TO SCALE

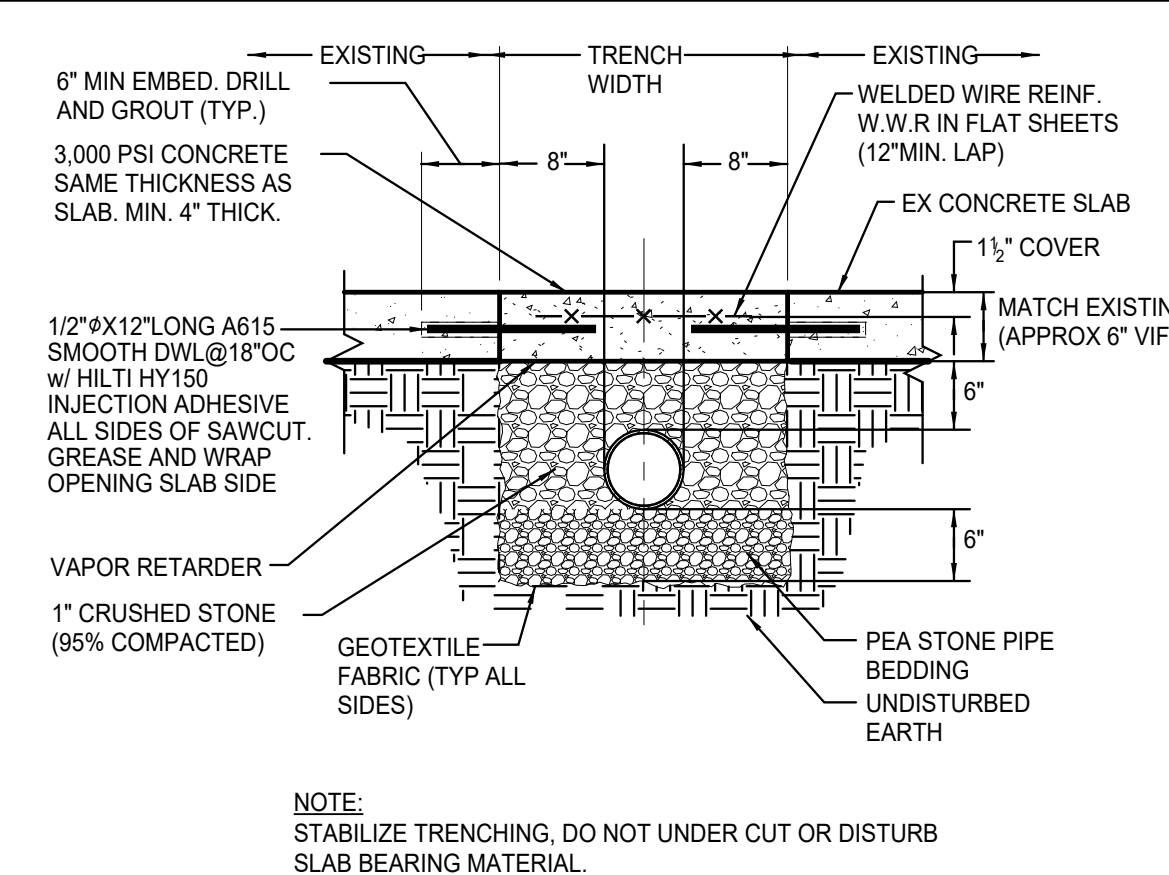


- PIPING NOTES:**
- MECHANICAL JOINT FITTINGS SHALL BE RESTRAINED WITH BOTH CONCRETE THRUST BLOCKS AND MECHANICAL WEDGE ACTION RETAINING LANDS.
 - ALL BOLTS AND NUTS USED FOR BURIED MECHANICAL JOINTS SHALL BE FLUOROCARBON COATED, HIGH STRENGTH, CORROSION RESISTANT, LOW ALLOY STEEL.
 - ALL BURIED PIPING AND FITTINGS SHALL BE BEDDED IN ACCORDANCE TO DETAIL ON CIVIL DRAWINGS.
 - ALL NEW PIPE AND FITTINGS SHALL BE SWABBED WITH HIGH CONCENTRATION CHLORINE SOLUTION PRIOR TO INSTALLATION AND/OR PLACING INTO SERVICE. AFTER CHLORINATION, ALL PIPING MUST BE PROTECTED FROM CONTAMINATION AND CONTACT WITH GROUND WATER.
 - ALL NEW PIPE AND FITTINGS ARE TO BE VISUALLY INSPECTED FOR LEAKAGE UNDER NORMAL LINE PRESSURE. ALL LEAKS MUST BE REPAIRED PRIOR TO PLACING INTO SERVICE.
 - A 6\"/>

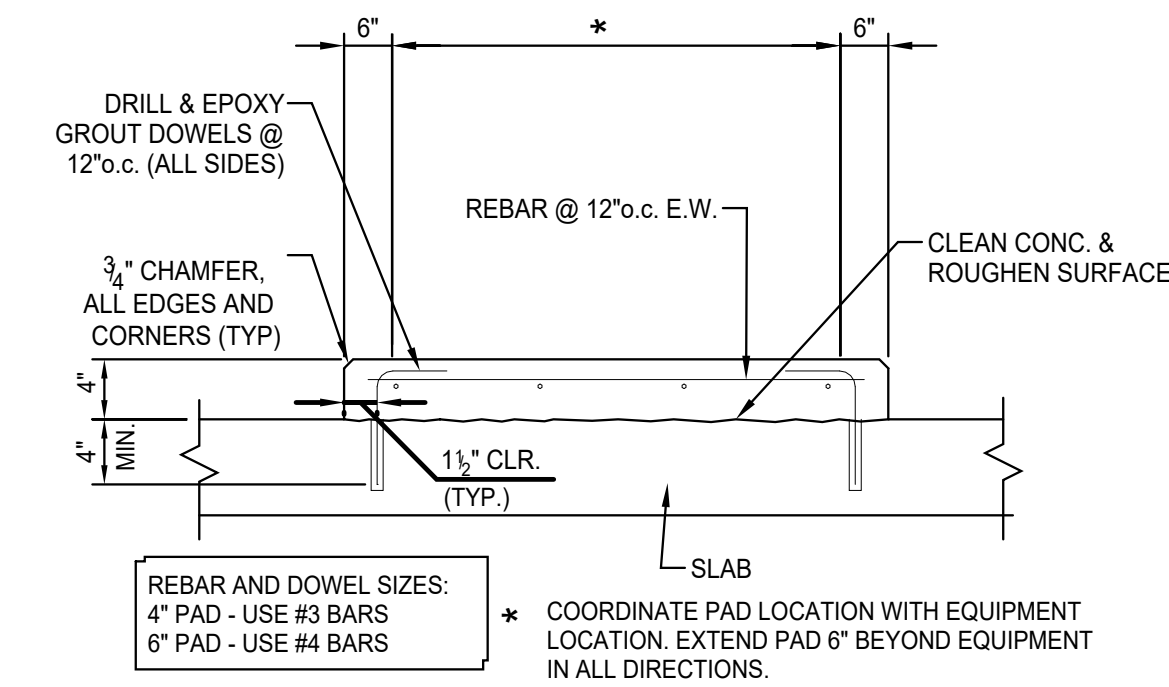
PROVIDE CUSTOM HUBBELL ALUMINUM HOT BOX ENCLOSURE (OR EQUAL) WITH MINIMUM INTERNAL DIMENSIONS: 60\"/>

- NOTE:**
MAINTAIN THE FOLLOWING CLEARANCES AROUND EACH BACKFLOW PREVENTER (BFP):
- MIN 6\"/>

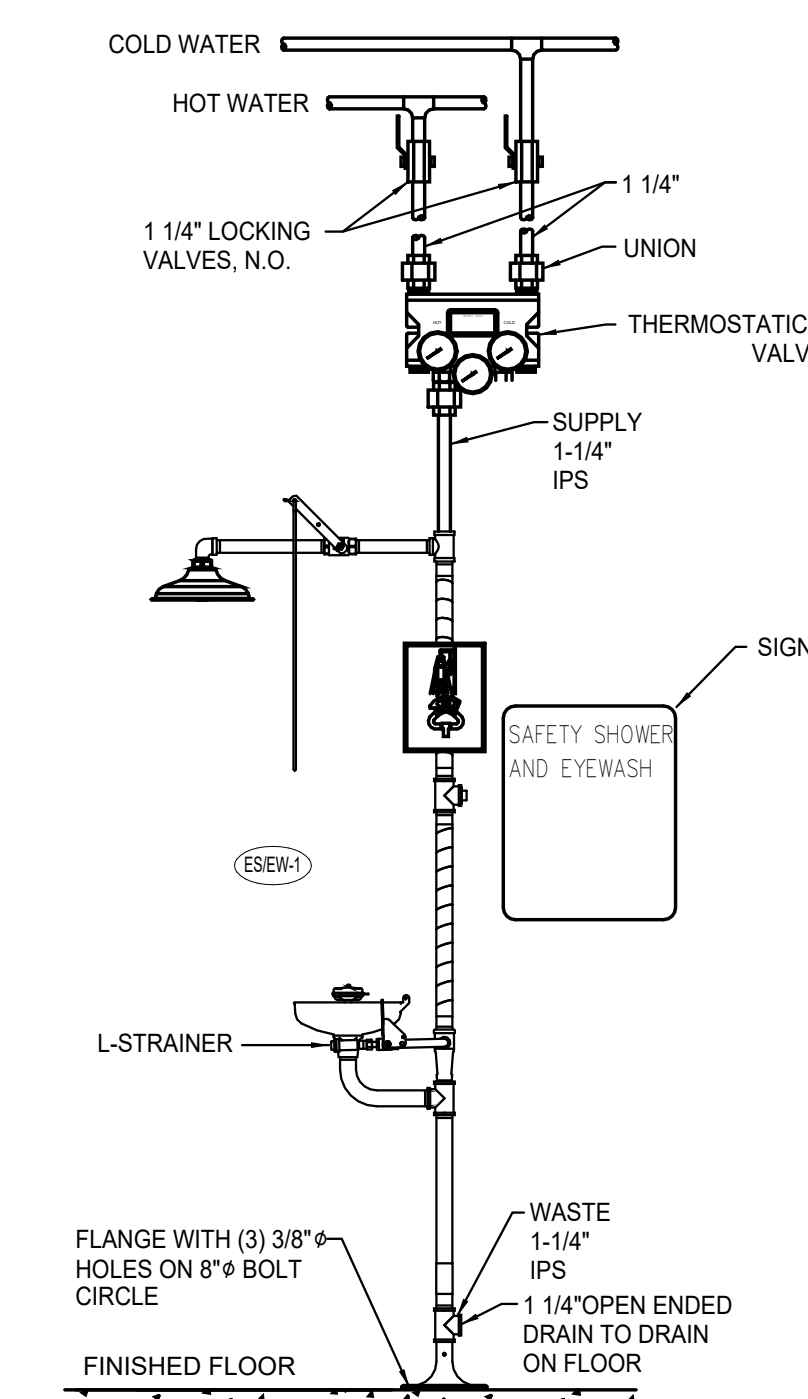
6 HOT BOX PIPING DETAIL
SCALE: NOT TO SCALE



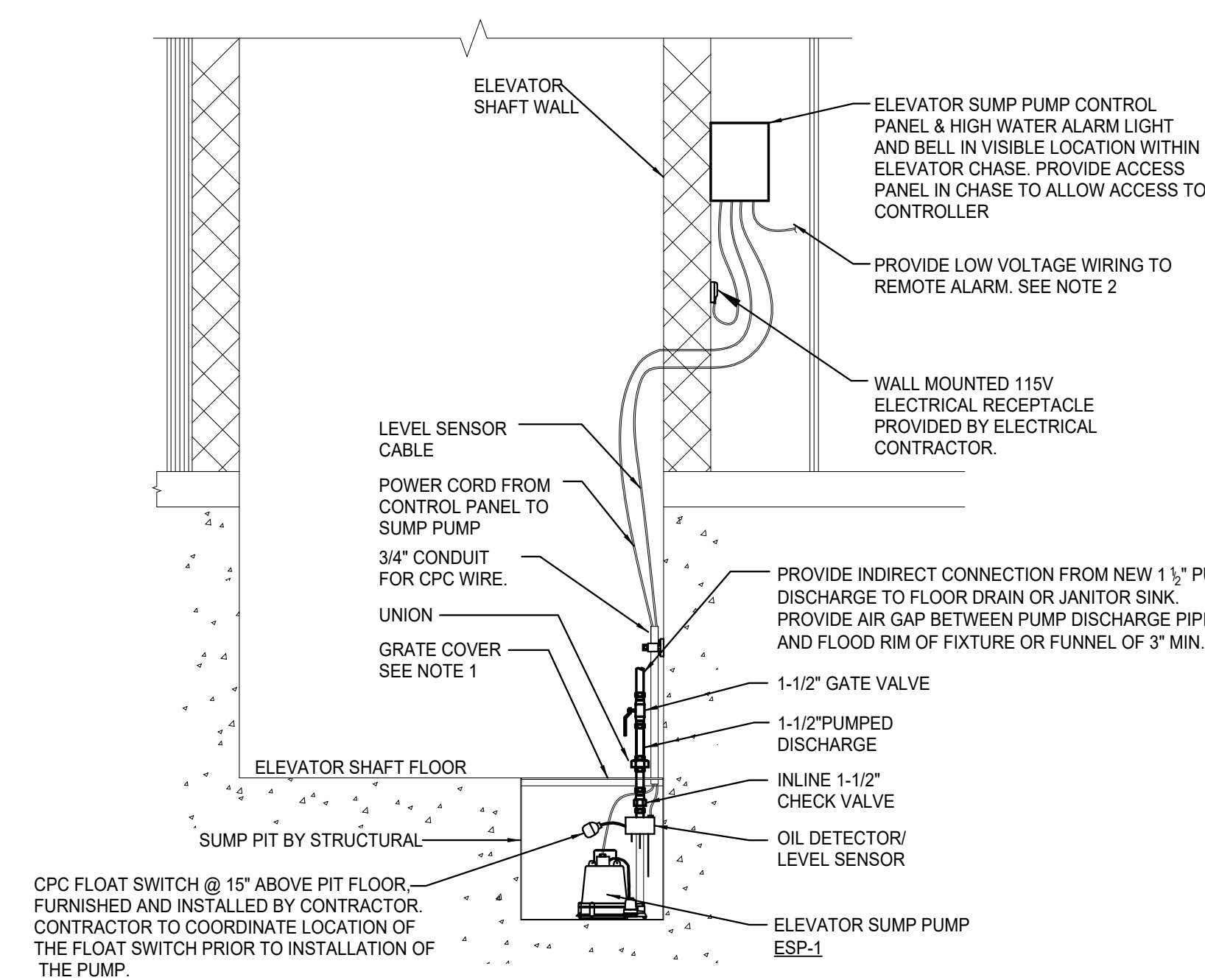
7 TYPICAL INDOOR SLAB PATCH DETAIL
SCALE: NOT TO SCALE



8 TYPICAL EQUIPMENT PAD
SCALE: NOT TO SCALE



9 EYE WASH/ EMERGENCY SHOWER DETAIL
SCALE: NOT TO SCALE



- NOTES:**
- COVER SHALL BE FABRICATED OF 1/4\"/>

10 ELEVATOR SUMP PUMP DETAIL
SCALE: NOT TO SCALE

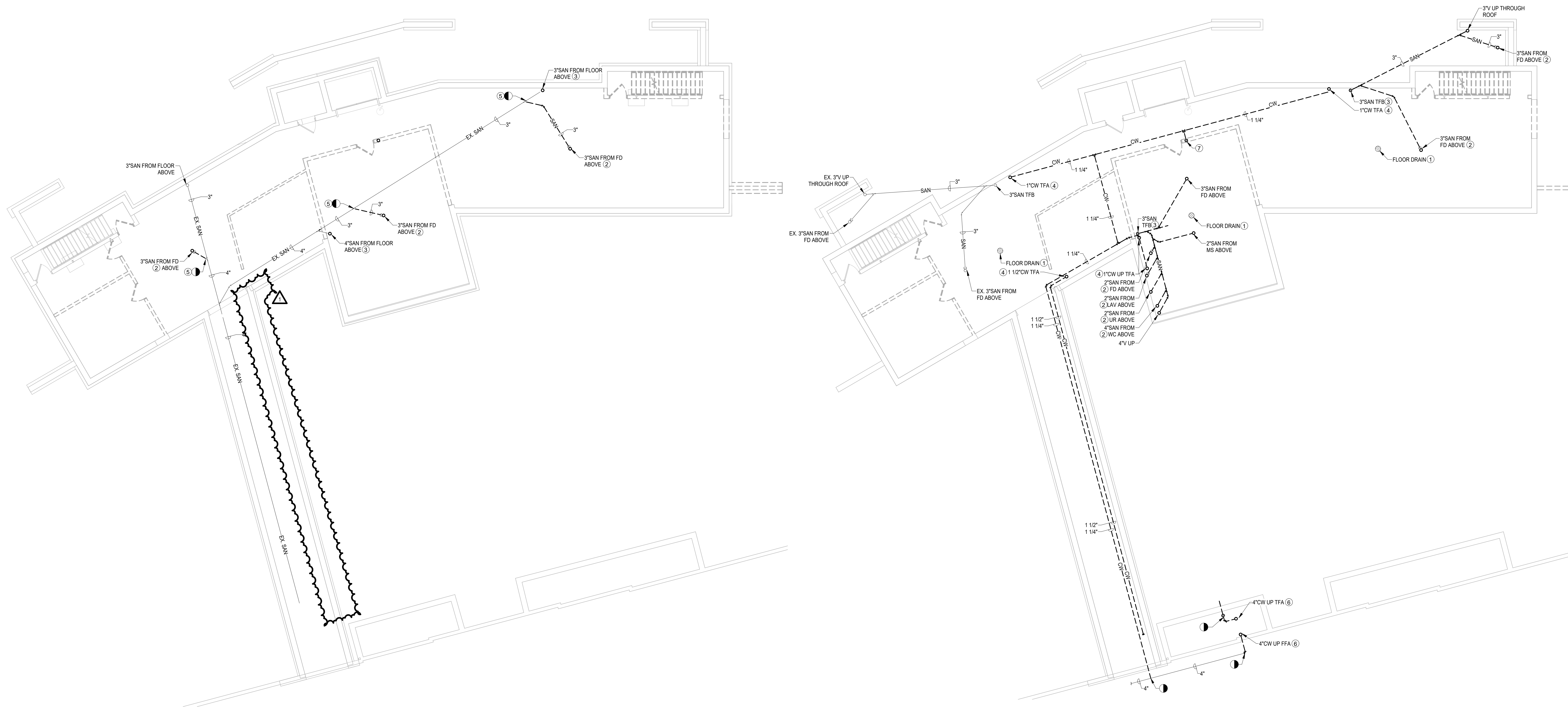
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1	ADDENDUM 2	03/06/2025
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DWG. TITLE

DETAILS & SECTIONS

DEMOLITION NOTES:

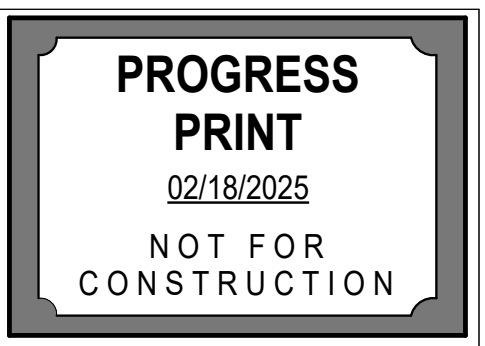
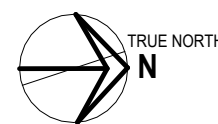
1. REMOVE FLOOR DRAIN, ALL ASSOCIATED HARDWARE, AND SANITARY PIPING THROUGH FLOOR BACK TO POINT OF DISCONNECTION SHOWN ON FLOOR BELOW. PATCH FLOOR PENETRATION TO MATCH SURROUNDING.
2. REMOVE SANITARY PIPING FROM FIXTURE ON FLOOR ABOVE BACK TO POINT OF DISCONNECTION SHOWN. REMOVE ALL HANGERS AND SUPPORTS.
3. REMOVE SANITARY RISER DOWN TO BELOW BASEMENT FLOOR. PREPARE PIPING BELOW GRADE FOR CONNECTION TO NEW PIPING.
4. REMOVE COLD WATER RISER FROM FLOOR ABOVE BACK TO POINT OF DISCONNECTION SHOWN.
5. PIPING SHOWN FOR DEMOLITION SHALL BE DEMOLISHED BACK TO THIS POINT. CONTRACTOR SHALL CAP PIPING AT THIS POINT.
6. REMOVE DOMESTIC COLD WATER PIPING BETWEEN THE POINTS OF DISCONNECTION SHOWN. REMOVE PIPING FROM SHUTOFF VALVE AT BASEMENT WALL, UP TO FLOOR ABOVE INCLUDING BACKFLOW PREVENTOR AND ALL ASSOCIATED SERVICE HARDWARE. BACK DOWN TO BASEMENT LEVEL. CAP PIPING IN BASEMENT FOR CONNECTION TO NEW WATER SERVICE LINE.
7. REMOVE HOSE BIB AND ALL ASSOCIATED PIPING.



1 BELOW SLAB PLUMBING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



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



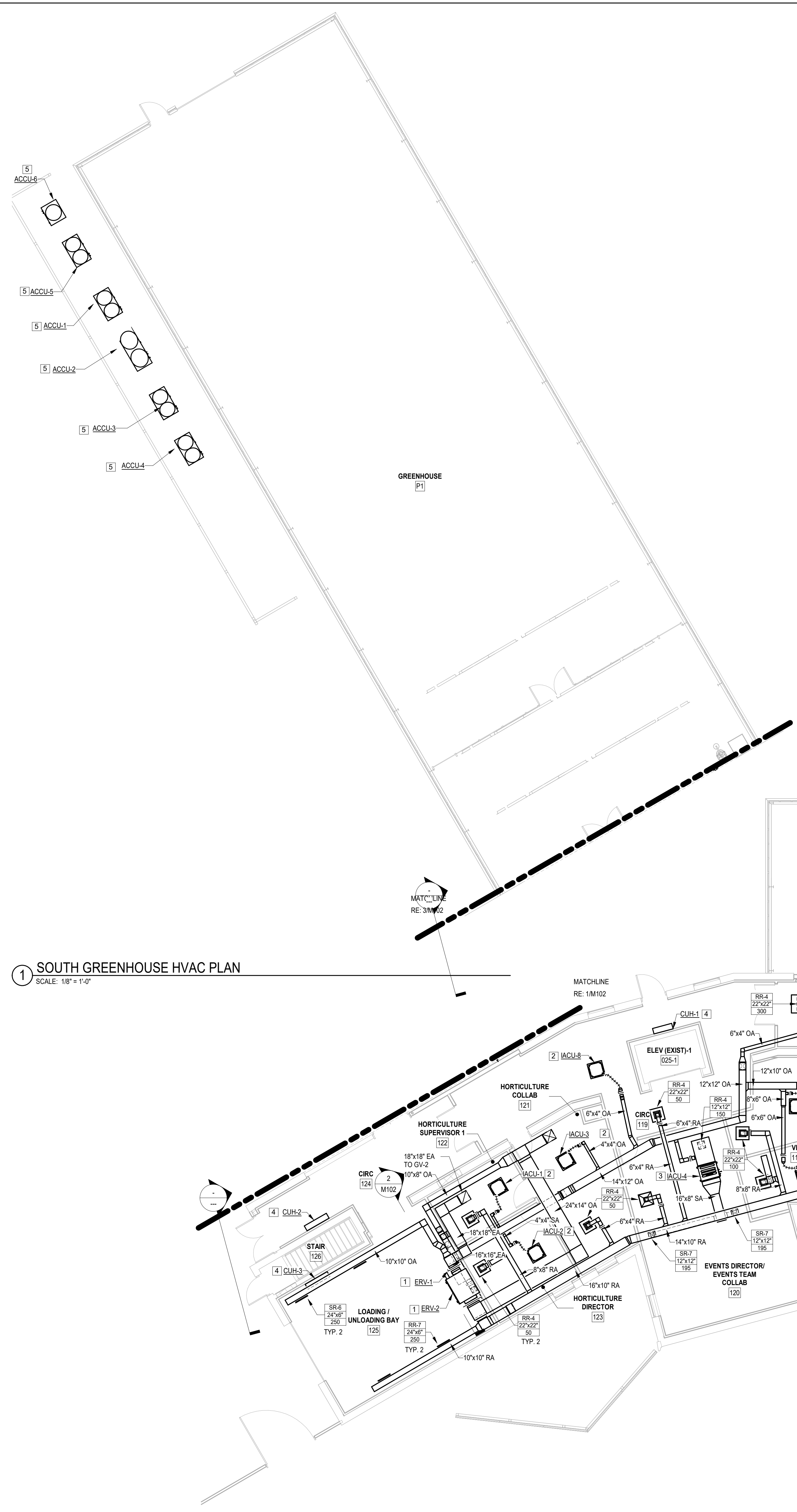
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NO.	REVISIONS	DATE

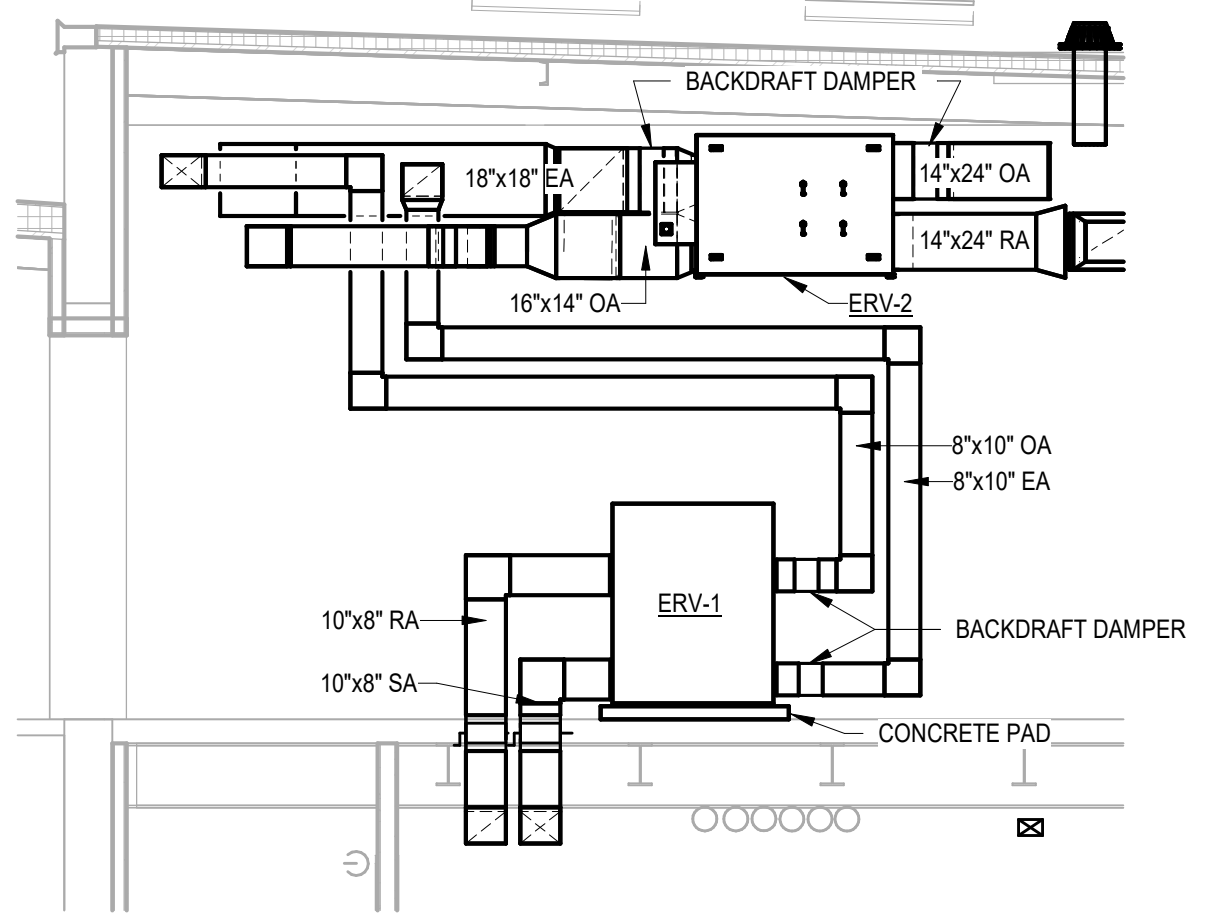
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**GROUND FLOOR DEMOLITION
PLAN**



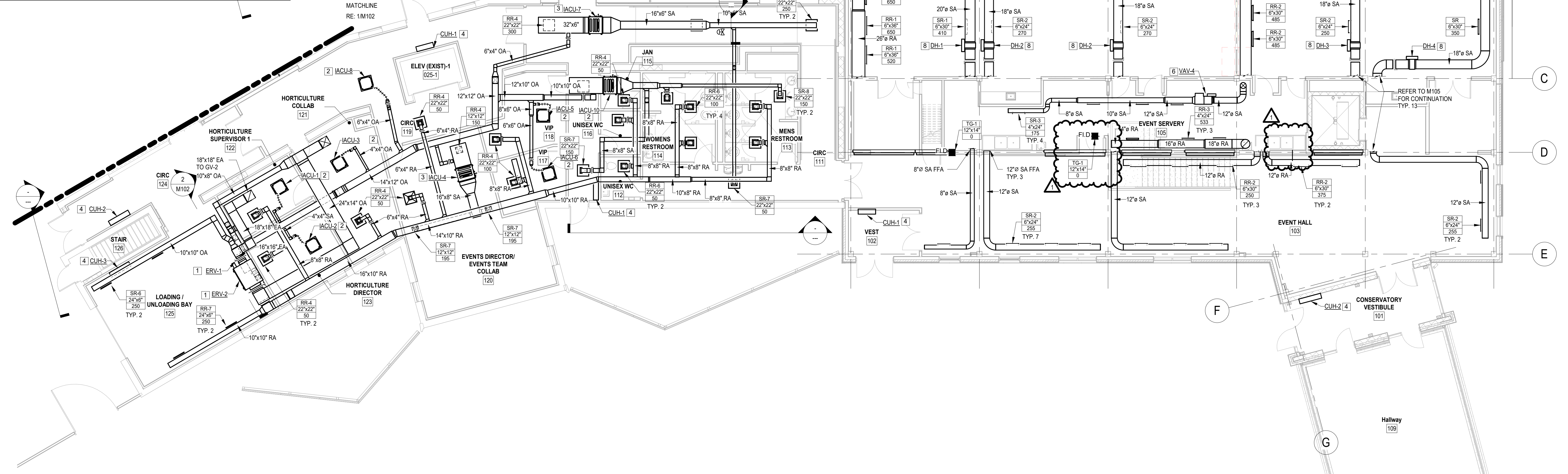
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DATE: 02/18/2025
SCALE: 1/8" = 1'-0"
DWN: NBN
CHK: JTW
PROJ. No: 605802
DWG. No:



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



2 LOADING / UNLOADING BAY SECTION
SCALE: 1/4" = 1'-0"



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

- # CONSTRUCTION NOTES
1. PROVIDE INDOOR ENERGY RECOVERY UNIT (ERV) WITH INTEGRAL CONDENSATE LIFT PUMP. PROVIDE ALL ASSOCIATED DUCTWORK, SUPPORTS, FITTINGS, CONTROLS AND ANCILLARY DEVICES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO DRAWING M301 FOR SCHEDULED CAPACITIES. INSTALL PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. TIE INTO BMS.
 2. PROVIDE CEILING CASSETTE INDOOR AIR CONDITIONING UNIT (IACU) WITH INTEGRAL CONDENSATE LIFT PUMP. PROVIDE ALL ASSOCIATED SUPPORTS, CONTROLS, AND ANCILLARY DEVICES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO DRAWING M301 FOR SCHEDULED CAPACITY. INSTALL PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. TIE INTO BMS.
 3. PROVIDE DUCTED CASSETTE INDOOR AIR CONDITIONING UNIT (IACU) AS SCHEDULED. PROVIDE ALL ASSOCIATED DUCTWORK, REFRIGERANT PIPING, SUPPORTS, FITTING, CONTROLS, AND ANCILLARY DEVICES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO DRAWING M301 FOR SCHEDULED CAPACITY. INSTALL PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. TIE INTO BMS.
 4. PROVIDE SURFACE MOUNTED ELECTRIC UNIT HEATER (CUH) WITH EQUIPMENT RAILS. SECURE UNIT TO RAILS AND RAILS TO STRUCTURE IN ACCORDANCE WITH THE NEW YORK STATE BUILDING CODES AND ASCE7. PROVIDE ALL ASSOCIATED SUPPORTS, CONTROLS, AND ANCILLARY DEVICES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO DRAWING M201 FOR ASSOCIATED DETAIL AND M301 FOR SCHEDULED CAPACITIES. INSTALL PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. TIE INTO BMS.
 5. PROVIDE AIR-COOLED CONDENSING UNIT (ACCU) WITH EQUIPMENT RAILS. SECURE UNIT TO RAILS AND RAILS TO STRUCTURE IN ACCORDANCE WITH THE NEW YORK STATE BUILDING CODES AND ASCE7. PROVIDE ALL ASSOCIATED SUPPORTS, CONTROLS, AND ANCILLARY DEVICES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO DRAWING M201 FOR ASSOCIATED DETAIL AND M301 FOR SCHEDULED CAPACITIES. INSTALL PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. TIE INTO BMS.
 6. PROVIDE VARIABLE AIR VOLUME (VAV) AS SCHEDULED. PROVIDE ALL ASSOCIATED SUPPORTS AND ANCILLARY DEVICES AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. REFER TO DRAWING M201 FOR ASSOCIATED DETAIL AND DRAWING M301 FOR SCHEDULED CAPACITY.
 7. PROVIDE LOUVER AS SCHEDULED. PROVIDE ALL NECESSARY SUPPORTS AND HARDWARE REQUIRED FOR INSTALLATION. PROVIDE PLENUM ON BACK OF LOUVER WITH ACCESS DOOR. PLENUM TO HAVE SLOPED BOTTOM TO DRAIN OUT THE FACE OF THE LOUVER. REFER TO LOUVER DETAIL FOR SPECIFIC INSTALLATION REQUIREMENTS.
 8. PROVIDE DUCT HEATER (DH) AS SCHEDULED. PROVIDE ALL NECESSARY FITTINGS, TRANSITIONS AND HARDWARE AS REQUIRED FOR INSTALLATION IN DUCTWORK.



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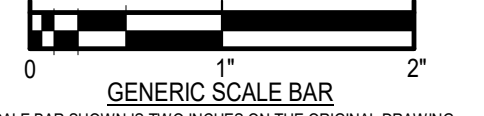
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2	ISSUE FOR BIDD	2-18-2025

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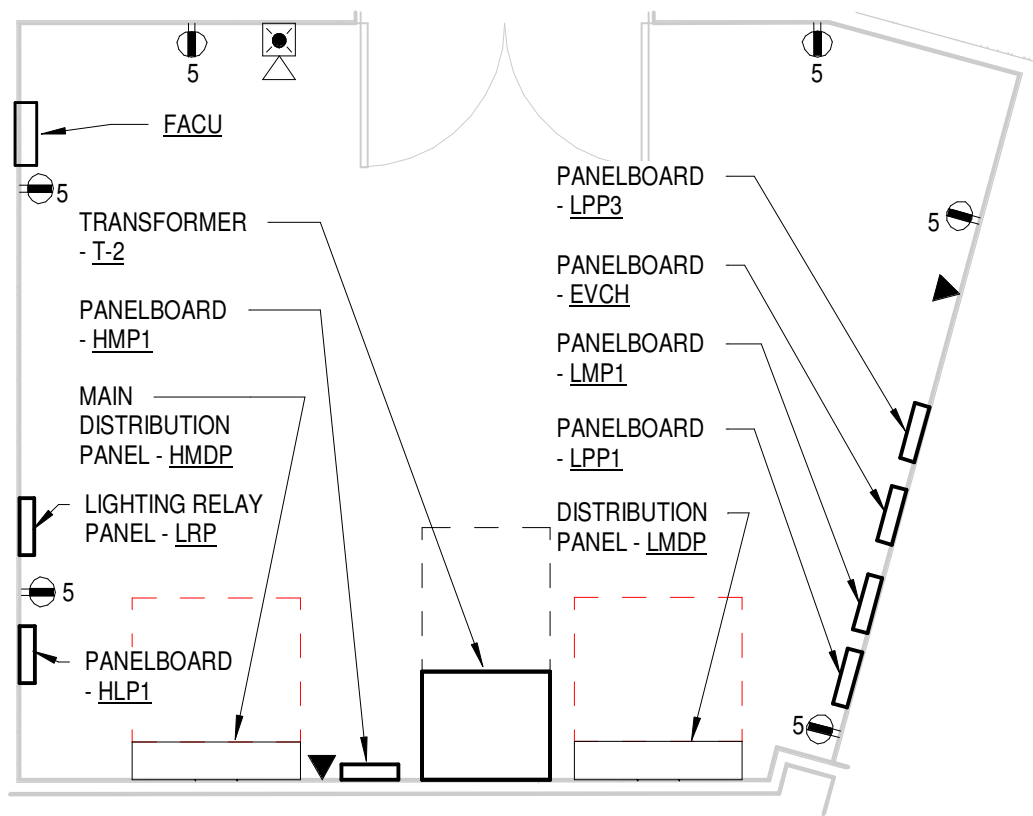
FIRST FLOOR HVAC PLAN



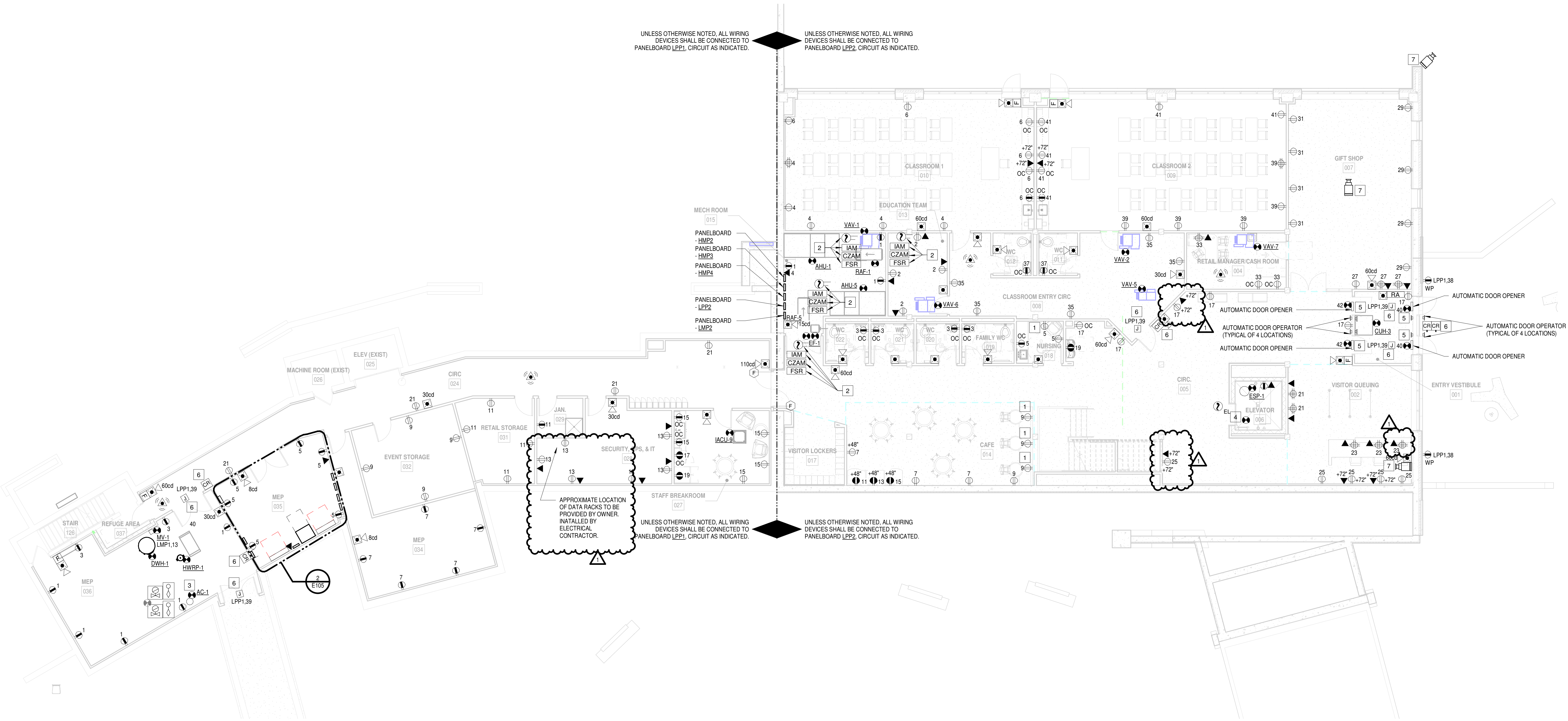
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DATE: 2/18/2025
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DWN: CJP
PROJ. No.: 605902
DWG. No.:

M102



2 ENLARGED PLAN - ROOM MEP 035
SCALE: 1/4" = 1'-0"



1 GROUND FLOOR PLAN - POWER & SYSTEMS
SCALE: 1/8" = 1'-0"

CONSTRUCTION NOTES:

1. PROVIDE 15A TYPE A & TYPE C USB CHARGER/TAMPER RESISTANT RECEPTACLE AT THIS LOCATION.
2. PROVIDE INDIVIDUAL ADDRESSABLE MODULE (IAM) REMOTELY MOUNTED IN CONDITIONED ENVIRONMENT. THE IAM WILL BE CONNECTED TO THE FACTORY SUPPLIED INSTALLED DUCT MOUNTED DETECTORS TO PROVIDE THE NOTIFICATION OF ALARM TO THE FIRE ALARM CONTROL PANEL. THE FIRE ALARM CONTROL PANEL WILL SIGNAL THE CONTROL ZONE ADDRESSABLE MODULE (CZAM) OF ALARM CONDITION. THE CZAM WILL CONTROL THE FAN SHUTDOWN RELAY (FSR) TO SHUTDOWN THE UNIT. COORDINATE FINAL MOUNTING LOCATION WITH MECHANICAL CONTRACTOR BEFORE INSTALLATION. FACTORY SUPPLIED AND MOUNTED DUCT DETECTORS.
3. ALARM PRESSURE SWITCH AND LOW AIR ALARM, TO BE PROVIDED WITH SPRINKLER SYSTEM AND SHALL BE INSTALLED & WIRED BY ELECTRICAL CONTRACTOR. PROVIDE WIRING AND CONDUIT AS REQUIRED. INTERCONNECT WITH FACU.
4. PROVIDE (2) DEDICATED 120V ELECTRON CONNECTION FOR ELEVATOR CAB LIGHTING AND ELEVATOR CAB CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LPP2. PROVIDE (2)#12 AWG AND #12 GND CONDUCTORS IN A 3/4" CONDUIT.
5. PROVIDE AUTOMATIC DOOR OPENER AND ASSOCIATED DOOR OPENER PUSH BUTTONS AT LOCATIONS SHOWN. PROVIDE 120 VOLT POWER TO EACH DOOR. PROVIDE 3/4" RACEWAY WITH 6 #14 AWG FROM THE DOOR OPENER TO EACH PUSH BUTTON.
6. CARD READER SHOWN FOR REFERENCE ONLY. PROVIDE BACKBOX AT LOCATION. PROVIDE 3/4" RACEWAY FROM BACKBOX TO ACCESSIBLE CEILING SPACE. PROVIDE 120 VOLT POWER TO JUNCTION BOX ABOVE THE DOOR FOR ACCESS CONTROL POWER. PROVIDE 18/4 FIRE ALARM CABLE FROM FIRE ALARM CONTROL PANEL TO EACH DOOR. PROVIDE CAT. 6 DATA CABLE FROM ACCESS CONTROL HEAD END CONTROLLER TO EACH DOOR. OWNERS VENDOR WILL PROVIDE ALL ACCESS CONTROL DEVICES AND INTEGRATION.
7. SECURITY CAMERA SHOWN FOR REFERENCE ONLY. PROVIDE BACKBOX AT LOCATION SHOWN. PROVIDE CAT. 6 DATA CABLE FROM DATA RACK IN SECURITY, OPS, & IT ROOM 028 TO CAMERA LOCATION. OWNERS VENDOR WILL PROVIDE SECURITY CAMERA, MOUNT AND INTEGRATION.

GENERAL NOTES:

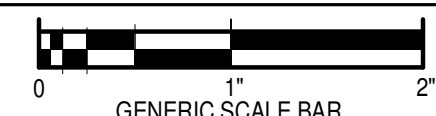
- A. REFER TO DRAWING E503 & E504 FOR PANELBOARD SCHEDULES.
- B. REFER TO DRAWING E502 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULES.
- C. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL DEVICE OUTLETS WITH OWNER IN FIELD PRIOR TO ROUGH-IN.

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2	ISSUE FOR BID	07/16/2025

DWG. TITLE
GROUND FLOOR PLAN - POWER & SYSTEMS



DATE	08/16/24
SCALE	As indicated
DWN.	VB1
CHK.	JFW
PROJ. No.	605802
DWG. No.	

E105



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- A. REFER TO DRAWING E503 & E504 FOR PANELBOARD SCHEDULES.
- B. REFER TO DRAWING E502 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULES.
- C. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL DEVICE OUTLETS WITH OWNER IN FIELD PRIOR TO ROUGH-IN.

1. PROVIDE 120V ELECTRICAL CONNECTION TO RIGID VENT MACHINE. CIRCUIT SHALL BE ROUTED THRU WORK AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
2. WATER FLOW ALARM BELL, TO BE PROVIDED WITH SPRINKLER SYSTEM AND SHALL BE INSTALLED & WIRED BY ELECTRICAL CONTRACTOR. PROVIDE CONDUIT AND WIRING FROM FLOW ALARM TO FIRE ALARM CONTROL PANEL.
3. PROVIDE 120V ELECTRICAL CONNECTION TO HAF FANS. CIRCUIT SHALL BE ROUTED THRU WORK AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
4. PROVIDE 120V ELECTRICAL CONNECTION TO SIDE VENT MACHINE. CIRCUIT SHALL BE ROUTED THRU WORK AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
5. BRANCH CIRCUIT SHALL BE ROUTED THRU GROWING AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. CIRCUIT AS INDICATED ON DRAWING.
6. PROVIDE 120V ELECTRICAL CONNECTION TO RIGID VENT MACHINE. CIRCUIT SHALL BE ROUTED THRU GROWING AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
7. PROVIDE 120V ELECTRICAL CONNECTION TO SIDE VENT MACHINE. CIRCUIT SHALL BE ROUTED THRU GROWING AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
8. PROVIDE 120V ELECTRICAL CONNECTION TO HAF FANS. CIRCUIT SHALL BE ROUTED THRU GROWING AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
9. PROVIDE 120V ELECTRICAL CONNECTION TO SHADE CURTAIN MOTOR. CIRCUIT SHALL BE ROUTED THRU GROWING AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LP23. PROVIDE (2#12 AWG AND #12 GND CONDUCTORS IN A 3" CONDUIT).
10. HEAD DETECTOR SHALL BE LOCATED WITHIN 2' OF EACH ELEVATOR PIT SPRINKLER HEAD.
11. CARD READER SHOWN FOR REFERENCE ONLY. PROVIDE BACKBOX AT LOCATION. PROVIDE 3"4" RACEWAY FROM BACKBOX TO ACCESSIBLE CEILING SPACE. PROVIDE 120 VOLT POWER TO TO JUNCTION BOX ABOVE THE DOOR FOR ACCESS CONTROL. POWER: PROVIDE 18"4 FIRE ALARM CABLE FROM FIRE ALARM CONTROL PANEL, TO EACH DOOR. PROVIDE CAT 6 DATA CABLE TO EACH DOOR. PROVIDE 120 VOLT POWER TO EACH DOOR. OWNERS VENDOR WILL PROVIDE ALL ACCESS CONTROL DEVICES AND INTEGRATION.
12. SECURITY CAMERA SHOWN FOR REFERENCE ONLY. PROVIDE BACKBOX AT LOCATION SHOWN. PROVIDE CAT 6 DATA CABLE FROM DATA RACK IN SECURITY, OPS. & IT ROOM 202 TO CAMERA LOCATION. OWNERS VENDOR WILL PROVIDE SECURITY CAMERA, MOUNT AND INTEGRATION.
13. PROVIDE AUTOMATIC DOOR OPENER AND ASSOCIATED DOOR OPENER PUSH BUTTONS AT LOCATIONS SHOWN. PROVIDE 120 VOLT POWER TO EACH DOOR. PROVIDE 3"4" RACEWAY WITH 18" CABLE FROM THE OVERHEAD DOOR TO EACH PUSH BUTTON. AUTOMATIC DOOR OPENER SHALL OPEN BOTH DOORS WHEN SHOWN WITH DOUBLE DOORS.
14. PROVIDE 120 VOLT BRANCH CIRCUIT TO OVERHEAD DOOR. PROVIDE 1"2" CONDUIT WITH 18" CABLE FROM THE OVERHEAD DOOR TO THE PUSH BUTTON STATION.

UNLESS OTHERWISE NOTED, ALL WIRING
DEVICES SHALL BE CONNECTED TO
PANELBOARD LPP2, CIRCUIT AS INDICATED

UNLESS OTHERWISE NOTED, ALL WIRING
DEVICES SHALL BE CONNECTED TO
PANELBOARD LPP2, CIRCUIT AS INDICATED

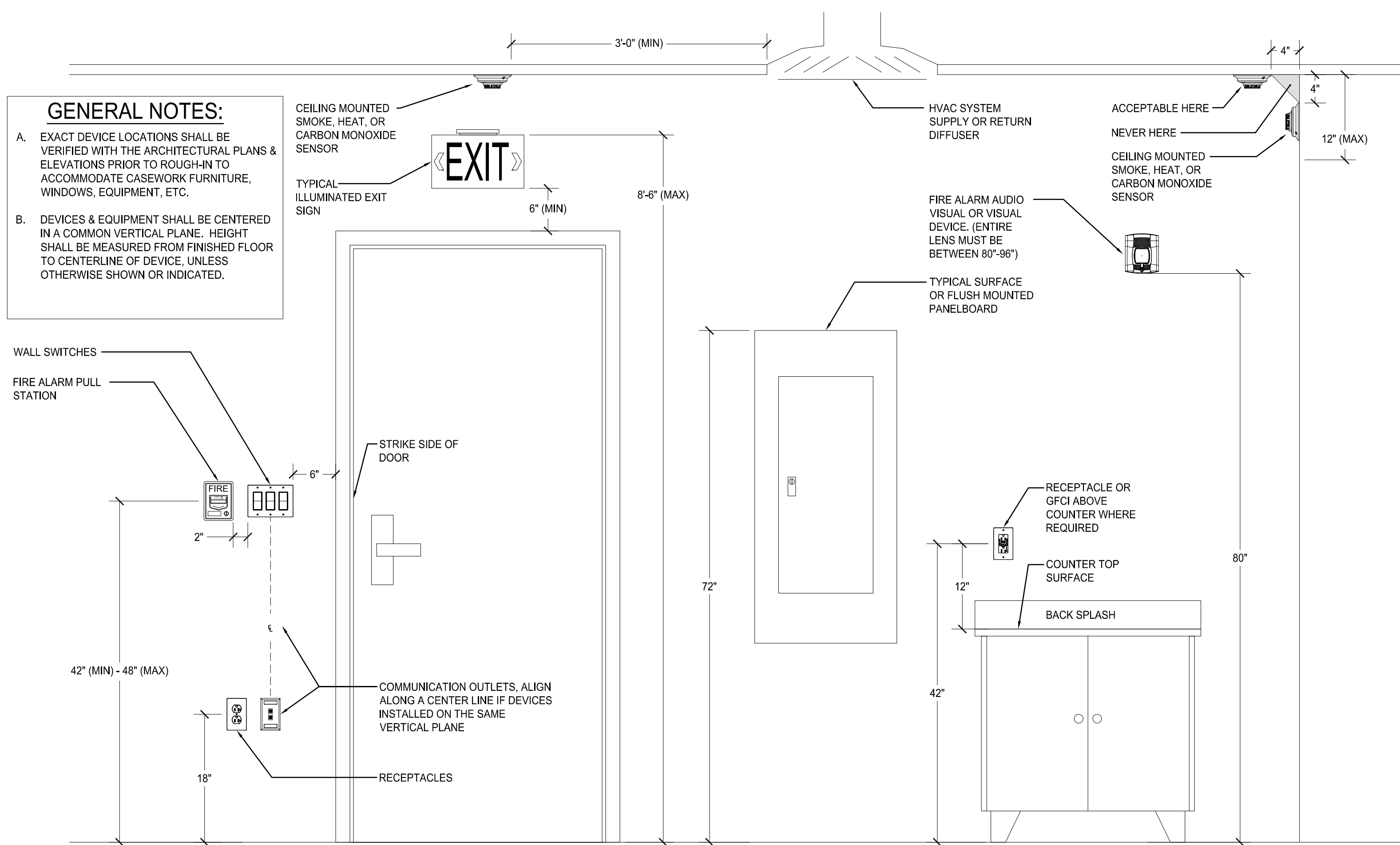
(2) SCALE: 1/8" = 1'-0"

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

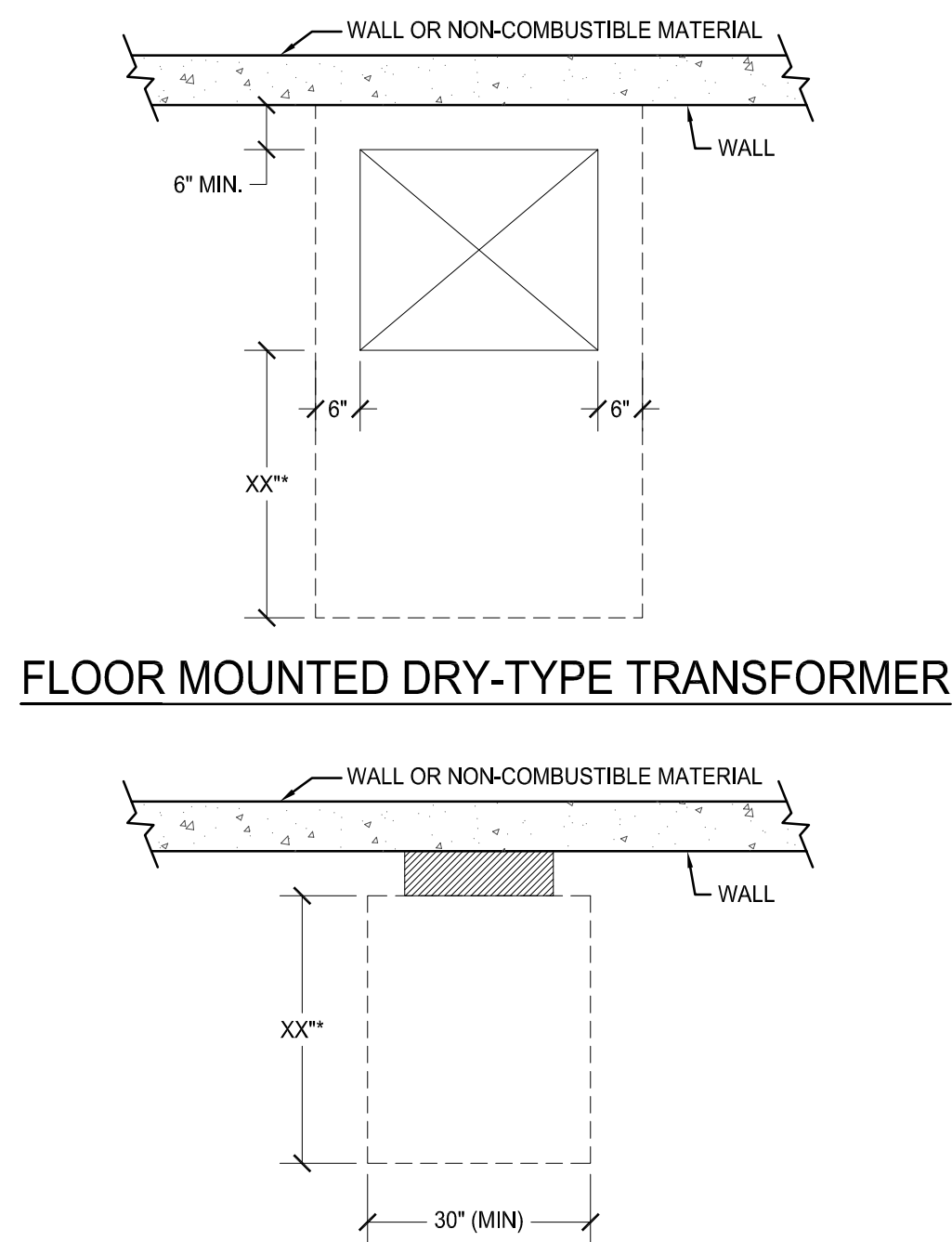
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DWG. TITLE

E106



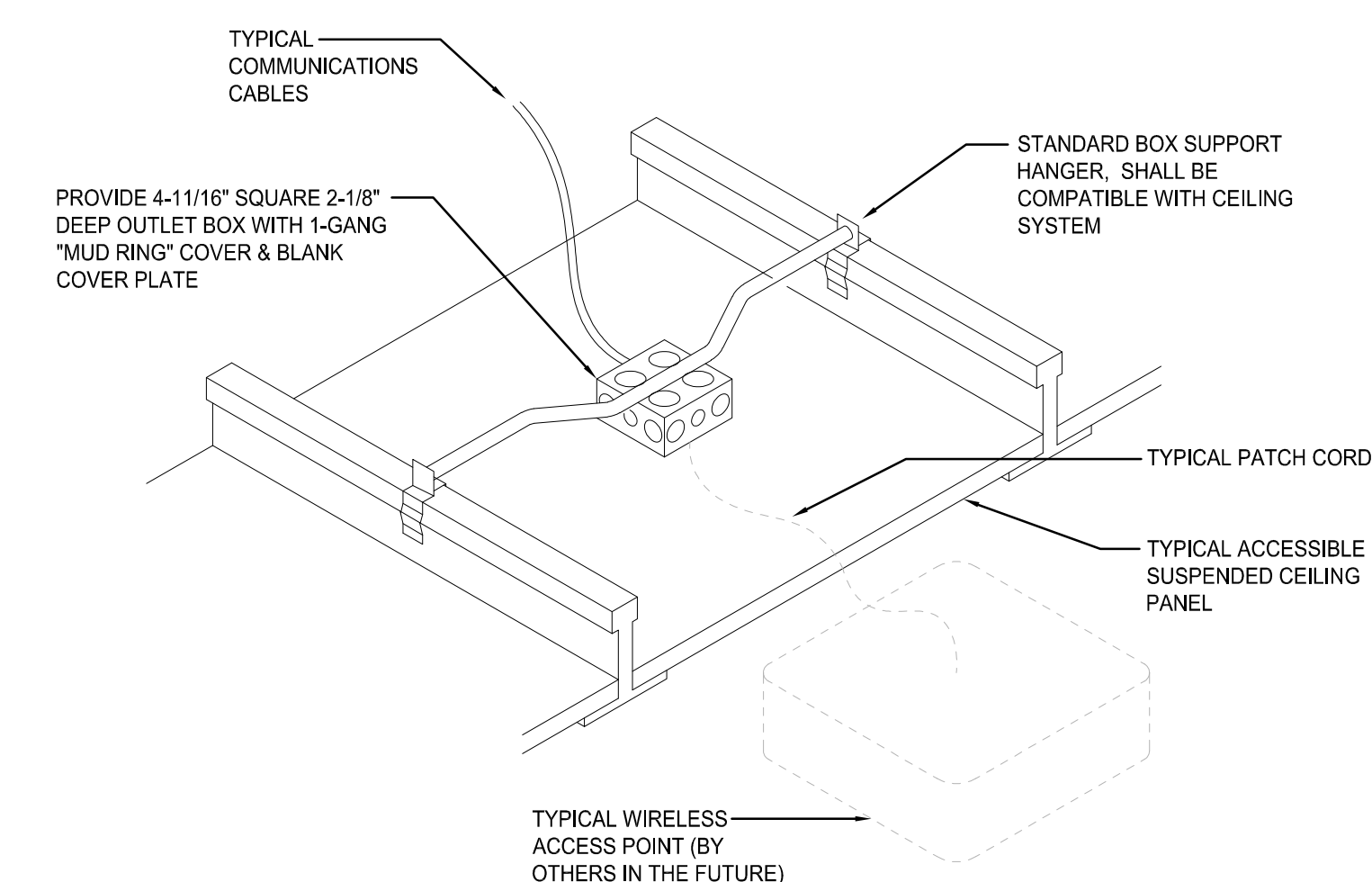
1 TYPICAL DEVICE & EQUIPMENT INSTALLATION HEIGHTS
SCALE: NONE



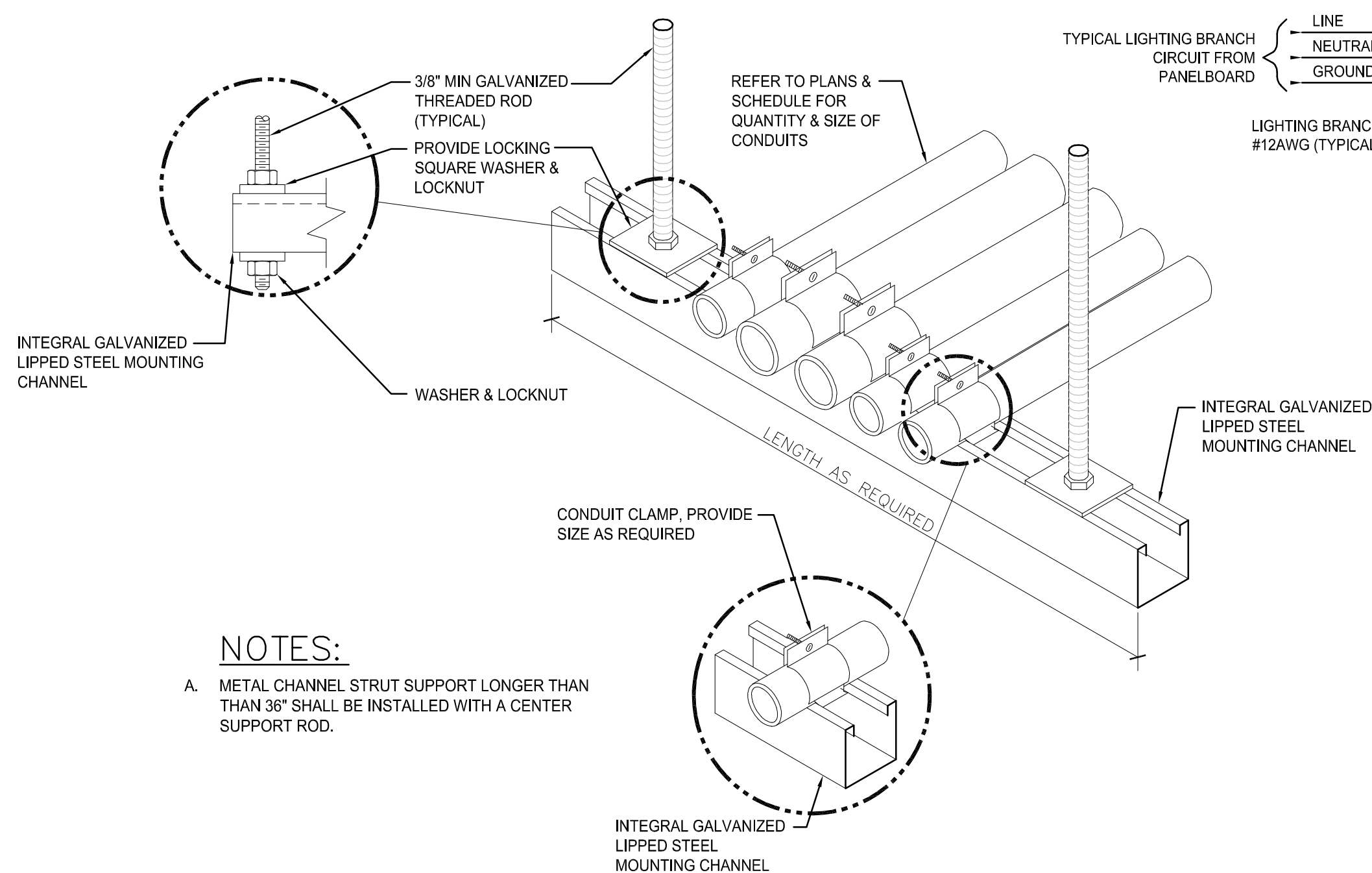
3 TYPICAL TROFFER INSTALLATION DETAIL
SCALE: NONE

- NOTES:**
- A. XX" IDENTIFIES MINIMUM WORKING SPACE CLEARANCE REQUIREMENTS [IN THE DIRECTION OF ACCESS TO LIVE PARTS AS REQUIRED PER NFPA 70, SECTION 110.28(a)]
- 36" FOR 0-150V PHASE TO GROUND ELECTRIC EQUIPMENT
 - 42" FOR 150-600V PHASE TO GROUND EQUIPMENT (CONDITION 2 "LIVE TO GROUND")
 - 48" FOR 150-600V PHASE TO GROUND EQUIPMENT (CONDITION 3 "BETWEEN LIVE EQUIPMENT")
- B. MINIMUM WORKING SPACE HEAD ROOM SHALL BE 78" AFF.

2 TYPICAL ELECTRICAL EQUIPMENT CLEARANCES
SCALE: NONE



4 EQUIPMENT OUTLET FOR WIRELESS ACCESS POINT
SCALE: NONE



5 TYPICAL CONDUIT TRAPEZE MOUNTING DETAIL
SCALE: NONE

SPECIFICATIONS:

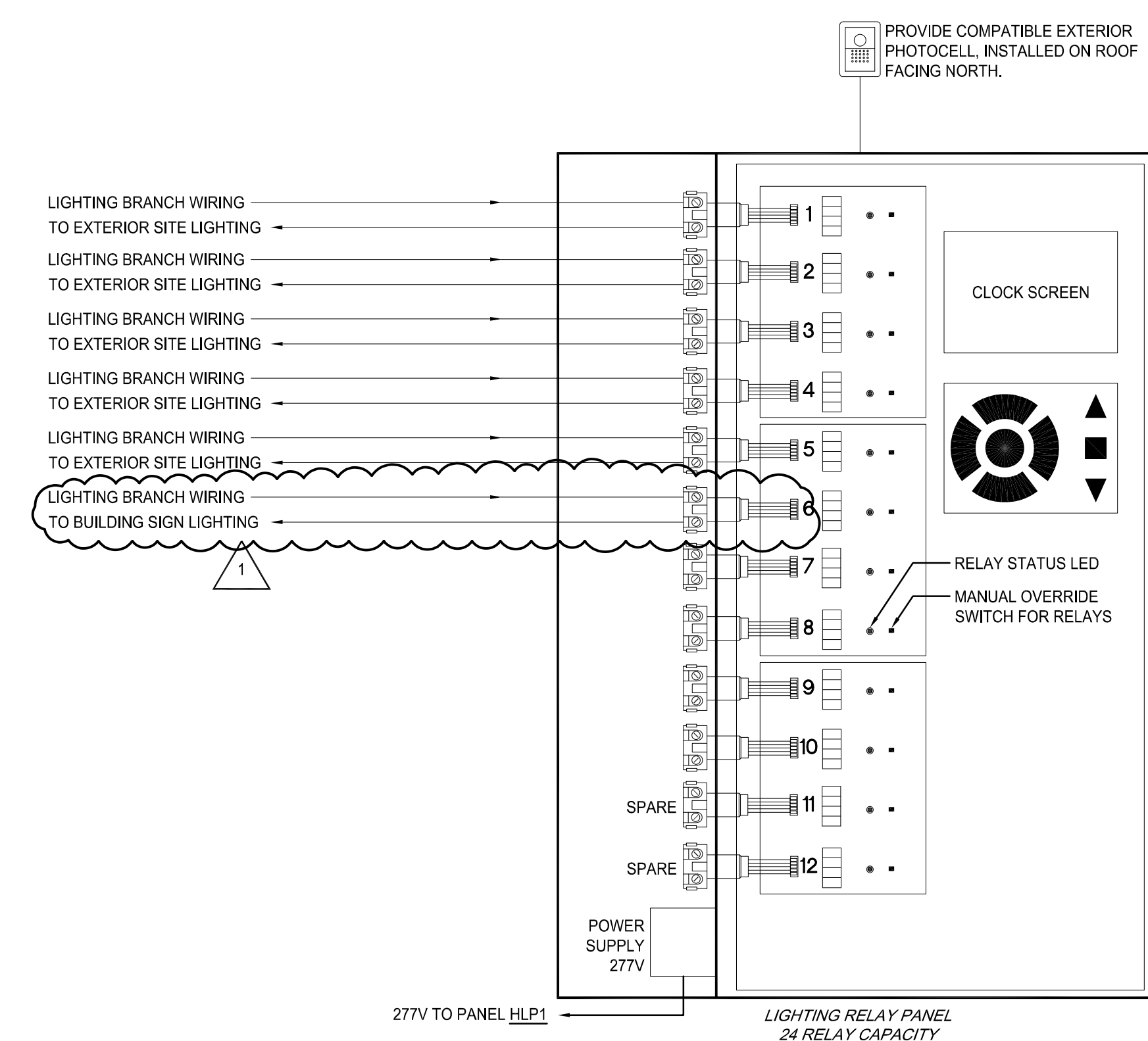
PROVIDE A SINGLE RELAY PANEL WITH UP TO 24 RELAYS OR AS REQUIRED. EACH RELAY TO BE INDIVIDUALLY SCHEDULED THROUGH AN EASY TO USE INTEGRAL CLOCK WITH A BACKLIT 8-LINE LCD DISPLAY. RELAYS ARE TO BE SPST 20 AMP RATED, MECHANICALLY HELD CONTACTORS CAPABLE OF SWITCHING EITHER 120 OR 277VAC LOADS. ADJACENT TO EACH RELAY SHOULD BE A LED TO ANNUNCIATE STATUS & A PUSHBUTTON TO TOGGLE THE RELAY'S STATE. PANEL SHALL HAVE A MULTITAP TRANSFORMER, DESIGNED & MANUFACTURED FOR 120V/277V OPERATION.

LIGHTING RELAY PANEL ENCLOSURE SHALL BE NEMA 1, RATED FOR ENVIRONMENTS FROM 32 - 139°F, 5 - 95% RH NON-CONDENSING. PANEL SHALL BE PROVIDED WITH A SPLIT COVER HINGED IN THE CENTER SUCH THAT THE HIGH VOLTAGE SIDE MUST BE UNSCREWED TO ACCESS THE RELAYS, BUT THE LOW VOLTAGE SIDE CAN BE OPENED VIA A LOCKING LATCH.

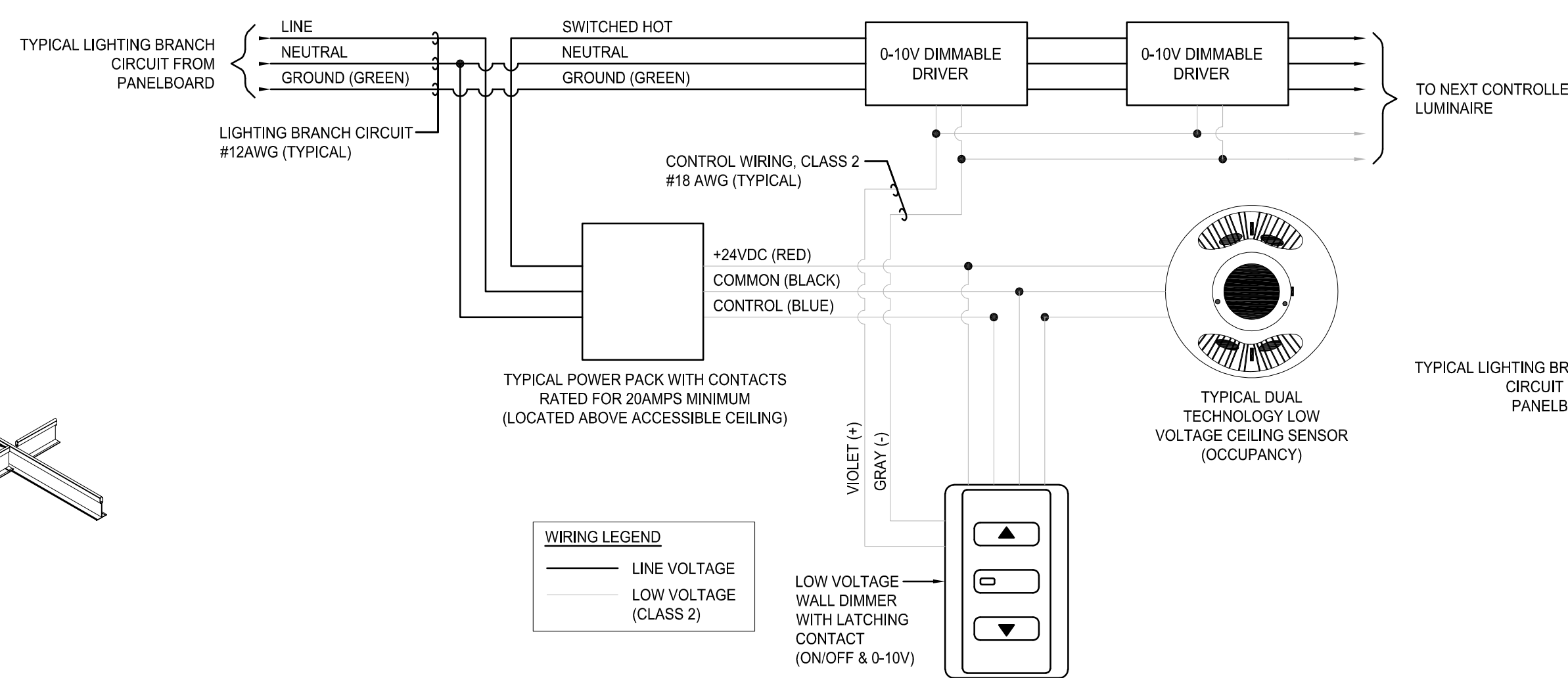
ALL PROGRAMMING TO BE ENTERED VIA A SIMPLE KEYPAD. EACH RELAY CAN BE PROGRAMMED INDEPENDENTLY, OR RELAYS CAN BE GROUPED TOGETHER IN FIRMWARE TO FOLLOW THE SAME CHANNEL SCHEDULE. ON A DAILY 7-DAY REPEATING BASIS, RELAYS CAN BE ASSIGNED TO FOLLOW ANY OF THE FOLLOWING SCENARIOS:

- (1) MANUAL ON / SCHED OFF
- (2) SCHEDULED ON/OFF
- (3) MANUAL ON / AS SWITCH OFF (FOR USE WITH AS-100 SWITCHES)
- (4) PHOTOCELL ON/OFF
- (5) PHOTO & SCHED ON/OFF
- (6) ASTRONOMIC ON/OFF
- (7) ASTRO AND SCHED ON/OFF

THE LCD SCREEN SHOULD NORMALLY SHOW THE CURRENT TIME & DATE, AS WELL AS SUNRISE & SUNSET TIMES FOR THAT DAY. RELAY CHANNELS CAN ALSO BE MONITORED FROM THE DISPLAY TO SEE THEIR STATUS - EITHER ON, OFF, OR MIXED. ADDITIONALLY THE RELAY GROUPS CAN BE OVERRIDDEN FROM THE SCREEN. CONTEXT SENSITIVE HELP SHALL BE AVAILABLE FOR EACH SCREEN.



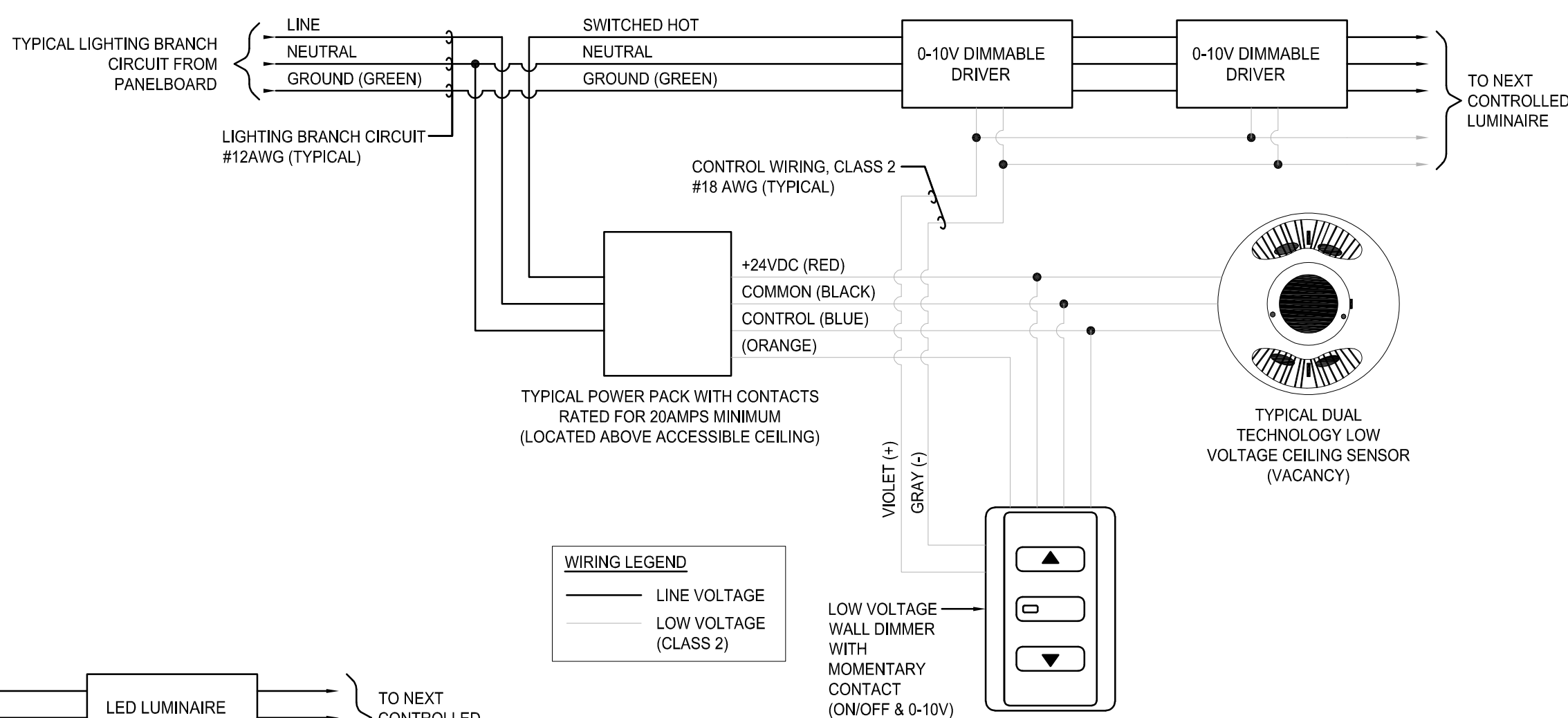
6 LIGHTING RELAY PANEL
SCALE: NONE



DETAIL NOTES:

- A. INDICATED WIRING IS SHOWN TO INDICATE GENERAL WIRING CONCEPT, CONTRACTOR SHALL VERIFY EXACT WIRING REQUIREMENTS WITH THE MANUFACTURERS REQUIREMENTS.

7 CEILING OCCUPANCY SENSOR
WALL DIMMER LIGHTING CONTROL DETAIL
SCALE: NONE



DETAIL NOTES:

- A. INDICATED WIRING IS SHOWN TO INDICATE GENERAL WIRING CONCEPTS. CONTRACTOR SHALL VERIFY EXACT WIRING REQUIREMENTS WITH THE MANUFACTURERS NEEDS & PROVIDE AS REQUIRED.

8 CEILING VACANCY SENSOR
WALL DIMMER LIGHTING CONTROL DETAIL
SCALE: NONE

DETAIL NOTES:

- A. INDICATED WIRING IS SHOWN TO INDICATE GENERAL WIRING CONCEPTS. CONTRACTOR SHALL VERIFY EXACT WIRING REQUIREMENTS WITH THE MANUFACTURERS NEEDS & PROVIDE AS REQUIRED.

9 CEILING VACANCY SENSOR
WALL SWITCH LIGHTING CONTROL DETAIL
SCALE: NONE

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NO.	REVISIONS	DATE
1	ADDENDUM 2	03-08-2025
2	ISSUE FOR BID	2-16-2025
3	REVISIONS	
4		
5		
6		
7		
8		
9		
10		

DWG. TITLE

ELECTRICAL DETAILS

0	1'	2'
GENERIC SCALE BAR		
DATE	2/18/2025	
SCALE	AS NOTED	
DWN.	MAP	CHK. JFW
PROJ. No.	605802	
DWG. No.		

E401

PANELBOARD SCHEDULE													
PANELBOARD		VOLTS: 480 Y/277 BUS CAPACITY: 600 A MCB: 600 A MLO: 600 A										MEP 035	
HMDP		A/C: 22kA MTG SURFACE ENCL: NEMA 1										LOCATION	
NAME													
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.	
1					3000			3000	PWR	MINI-POWER CENTER - MZ-P1		2	
3						3000		3000	PWR			4	
5							0					6	
7					0							8	
9						0						10	
11							0					12	
13												14	
15	60A/3P	DWH-1 (CIRCUIT TO BE SUB-METERED FOR LEED)	PWR	12748	12748							16	
17			PWR	12748		12748						18	
19			PWR				12748					20	
21	100A/3P	ELEVATOR	PWR		16033			16033	PWR	PANELBOARD HMP4		22	
23			PWR					16033	PWR			24	
25			PWR			35183		35183	PWR	DISTRIBUTION PANELBOARD - LMDP VIA XMFR T-2		26	
27						31934		31934	PWR			28	
29							33605	33605	PWR			30	
31			PWR	55259	76797			21538	PWR			32	
33	225A/3P	PANELBOARD HMP1	PWR	55259		76797		21538	PWR	PANELBOARD HMP2		34	
35			PWR	55259			76797	21538	PWR			36	
37			LTG	3749	31584			27835	PWR			38	
39	100A/3P	PANELBOARD HLP1	LTG	2877		30712		27835	PWR	PANELBOARD HMP3		40	
41			LTG	5008			32843	27835	PWR			42	

PANELBOARD SCHEDULE													
PANELBOARD		VOLTS: 208 Y/120 BUS CAPACITY: 225 A MCB: 225 A MLO: 225 A										MEP 035	
EVCH		A/C: 22kA MTG SURFACE ENCL: NEMA 1										LOCATION	
NAME													
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.	
1	40A/2P	ELECTRICAL VEHICLE CHARGER - EVCH1A	CPWR	3120	6240			3120	CPWR	ELECTRICAL VEHICLE CHARGER - EVCH1B		2	
3			CPWR	3120		6240		3120	CPWR			4	
5			CPWR	3120			6240	3120	CPWR			6	
7	40A/2P	ELECTRICAL VEHICLE CHARGER - EVCH2A	CPWR	3120				3120	CPWR	ELECTRICAL VEHICLE CHARGER - EVCH2B		8	
9			CPWR	3120		6240		3120	CPWR			10	
11	40A/2P	ELECTRICAL VEHICLE CHARGER - EVCH3A	CPWR	3120				3120	CPWR	ELECTRICAL VEHICLE CHARGER - EVCH3B		12	
13			CPWR	3120		6240		3120	CPWR			14	
15				0								16	
17					0							18	
19						0						20	
21							0					22	
23								0				24	
25						0						26	
27							0					28	
29								0				30	
31									0			32	
33										0		34	
35											0	36	
37												38	
39												40	
41												42	

PANELBOARD SCHEDULE													
PANELBOARD		VOLTS: 480 Y/277 BUS CAPACITY: 100 A MCB: 100 A MLO: 100 A										MEP 035	
HLP1		A/C: 65kA MTG SURFACE ENCL: NEMA 1										LOCATION	
NAME													
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.	
1	20A/1P	LIGHTING - RM 024	LTG	630	750			120	LTG	LIGHTING - EXTERIOR		2	
3	20A/1P	LIGHTING - RM 033, 034, 035, 036	LTG	990		990				SPARE		4	
5	20A/1P	LIGHTING - RM 027, 028, 029, 031, 032	LTG	748			1558	810	LTG	LIGHTING - PENTHOUSE		6	
7	20A/1P	LTG - RM 015, 018, 019, 020, 0221, 022	LTG	360	390			30	LTG	LIGHTING - ELEVATOR PIT		8	
9	20A/1P	LIGHTING - RM 014, 017	LTG	599		879		280	LTG	EXTERIOR WG1 & FL1 LIGHTING		10	
11	20A/1P	LIGHTING - RM 001, 005	LTG	756			856	100	LTG	EXIT SIGNS GROUND FLOOR		12	
13	20A/1P	LIGHTING - RM 008, 011, 012, 013	LTG	485	585							14	
15	20A/1P	LIGHTING - RM 004, 007	LTG			500		500	LTG	BUILDING SIGN		16	
17	20A/1P	LIGHTING - RM 009	LTG	486			486			SPARE		18	
19	20A/1P	LIGHTING - RM 010	LTG	486	486					SPARE		20	
21	20A/1P	LIGHTING - RM 119, 124, 126	LTG	621		621				SPARE		22	
23	20A/1P	LIGHTING - RM 125	LTG	540			540			SPARE		24	
25	20A/1P	LIGHTING - RM 121, 122, 123	LTG	436	436					SPARE		26	
27	20A/1P	LIGHTING - RM 120	LTG	387		387				SPARE		28	
29	20A/1P	LIGHTING - RM 117, 118	LTG	218			218			SPARE		30	
31	20A/1P	LIGHTING - RM 110, 111	LTG	472	472					SPARE		32	
33	20A/1P	LIGHTING - RM 112, 113, 114, 115, 116	LTG			0				SPARE		34	
35	20A/1P	LIGHTING - RM 102, 103	LTG	1350			1350			SPARE		36	
37	20A/1P	LIGHTING - RM 101, 105	LTG	630	630					SPARE		38	
39	20A/1P	LIGHTING - RM 109	LTG			0				SPARE		40	
41	20A/1P	LIGHTING - RM 108	LTG							SPARE		42	

PANELBOARD SCHEDULE													
PANELBOARD		VOLTS: 208 Y/120 BUS CAPACITY: 400 A MCB: 400 A MLO: 400 A										MEP 035	
LMPD		A/C: 22kA MTG SURFACE ENCL: NEMA 1										LOCATION	
NAME													
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.	
1			PWR	10020	12683			2663	PWR			2	
3	225A/3P	PANELBOARD LPP1	PWR	8040		8654		614	PWR	PANELBOARD LMP1		4	
5			PWR	8760			11225	2465	PWR			6	
7			PWR	9000	10020			1020	PWR			8	
9	225A/3P	PANELBOARD LPP2	PWR	10600		10800		0	PWR	PANELBOARD LMP2		10	
11			PWR	9900			9900	0	PWR			12	
13					12480			12480	PWR			14	
15						12480		12480	PWR	PANELBOARD EVCH		16	
17							12480	12480	PWR			18	
19					0							20	
21						0						22	
23							0					24	
25					0							26	
27						0						28	
29							0					30	
31					0							32	
33						0						34	
35							0					36	
37					0							38	
39						0						40	
41							0					42	

PANELBOARD SCHEDULE													
PANELBOARD		VOLTS: 480 Y/277 BUS CAPACITY: 300 A MCB: 300 A MLO: 300 A										MEP 035	
HMP1		A/C: 65kA MTG SURFACE ENCL: NEMA 1										LOCATION	
NAME													
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.	
1			HVAC	5376	7593			2217	HTG	CUH-2A (CIRCUIT TO BE SUB-METERED FOR LEED)		2	
3	25A/3P	ACCU-1	HVAC			7593		2217	HTG			4	
5			HVAC	5376			7593	2217	HTG			6	
7			HVAC	7261		8924		1663	HTG	CUH-1A (CIRCUIT TO BE SUB-METERED FOR LEED)		8	
9	35A/3P	ACCU-3	HVAC	7261			8924	1663	HTG			10	
11			HVAC	7261			8924	1663	HTG			12	
13			HVAC	5376	7039			1663	HTG	CUH-1B (CIRCUIT TO BE SUB-METERED FOR LEED)		14	
15	25A/3P	ACCU-4	HVAC	5376		7039		1663	HTG			16	
17			HVAC	5376			7039	1663	HTG			18	
19			HVAC	5376	16461			11085	HVAC			20	
21	25A/3P	ACCU-5	HVAC			16461		11085	HVAC	ACCU-2A		22	
23			HVAC	5376			16461	11085	HVAC			24	
25			HVAC	4157	15242			11085	HVAC			26	
27	20A/3P	ACCU-6	HVAC	4157		15242		11085	HVAC	ACCU-2B		28	
29			HVAC	4157			15242	11085	HVAC			30	

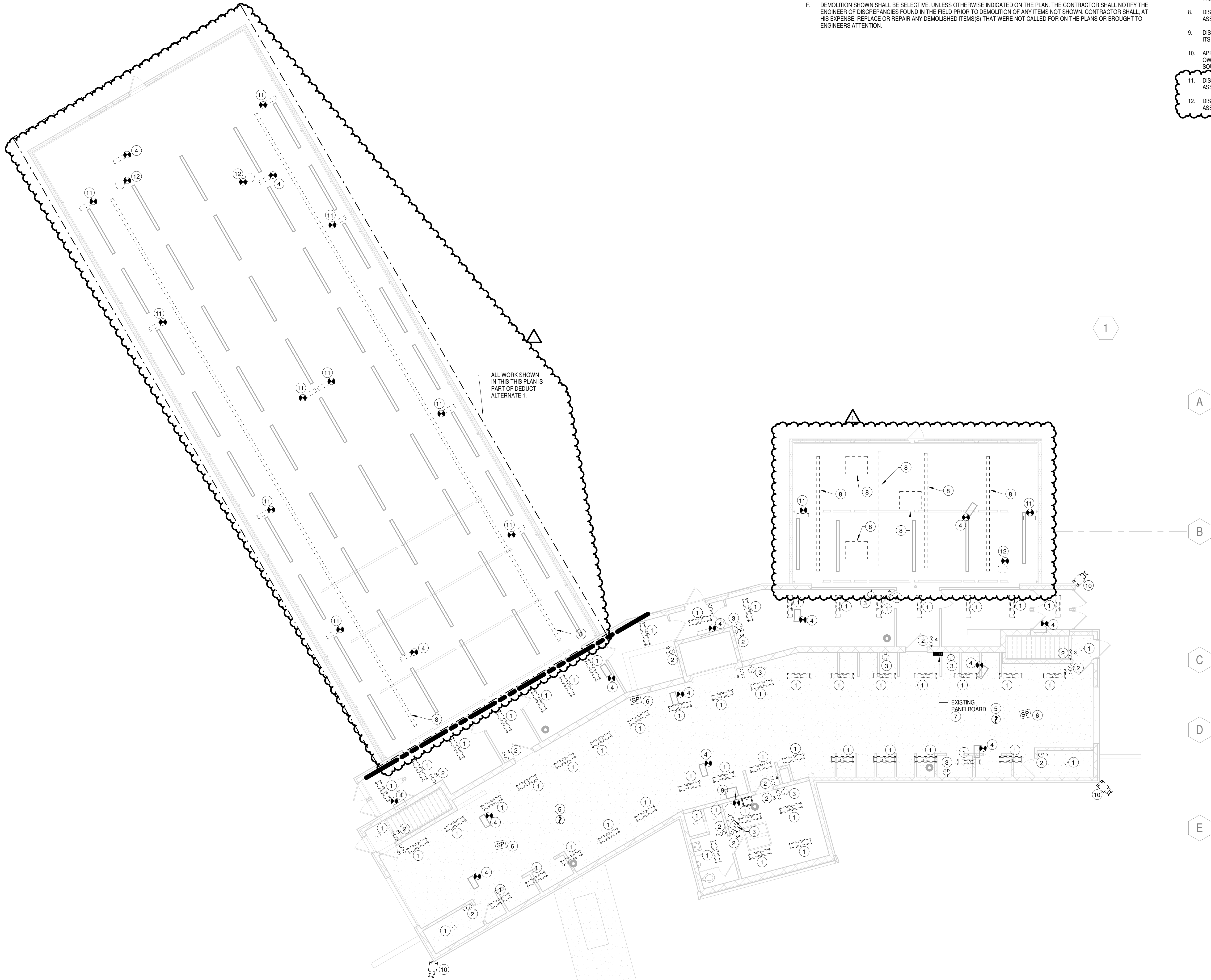
PANELBOARD SCHEDULE															
PANELBOARD		VOLTS: 208 Y/120				3Ø 4-WIRE				MECH ROOM					
LMP2		BUS CAPACITY: 160 A				A/C: 22kA									
		MCB: 160 A				MTG: SURFACE									
		MLO:				ENCL: NEMA 1									
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.			
1	20A/1P	ESP-1	PWR	1020	1020					SPARE	20A/1P	2			
3	20A/1P	ESP-1				528				SPARE	20A/1P	4			
5	20A/1P	SPARE - MECH CONTROLS CIRCUIT						0		SPARE	20A/1P	6			
7	20A/1P	SPARE - MECH CONTROLS CIRCUIT			0					SPARE	20A/1P	8			
9	20A/1P	SPARE - MECH CONTROLS CIRCUIT				0				SPARE	20A/1P	10			
11	20A/1P	SPARE - MECH CONTROLS CIRCUIT					0			SPARE	20A/1P	12			
13					0					SPARE	20A/1P	14			
15						0				SPARE	20A/1P	16			
17							0			SPARE	20A/1P	18			
19					0					SPARE	20A/1P	20			
21						0				SPARE	20A/1P	22			
23							0			SPARE	20A/1P	24			
25					0					SPARE	20A/1P	26			
27						0				SPARE	20A/1P	28			
29							0			SPARE	20A/1P	30			
31					0					SPARE	20A/1P	32			
33						0				SPARE	20A/1P	34			
35							0			SPARE	20A/1P	36			
37	20A/1P	SPARE			0					SPARE	20A/1P	38			
39	20A/1P	SPARE				0				SPARE	20A/1P	40			
41	20A/1P	SPARE					0			SPARE	20A/1P	42			

PANELBOARD SCHEDULE															
PANELBOARD		VOLTS: 208 Y/120				3Ø 4-WIRE				MEP 035					
LPP1		BUS CAPACITY: 160 A				A/C: 22kA									
		MCB: 160 A				MTG: SURFACE									
		MLO:				ENCL: NEMA 1									
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.			
1	20A/1P	RECEPTACLE - ROOM 036	REC	900	1800					RECEPTACLE - ROOM 117	20A/1P	2			
3	20A/1P	RECEPTACLE - ROOM 036	REC	360		900				RECEPTACLE - ROOM 112, 115, 116	20A/1P	4			
5	20A/1P	RECEPTACLE - ROOM 035	REC	1080						RECEPTACLE - ROOM 110, 111	20A/1P	6			
7	20A/1P	RECEPTACLE - ROOM 034	REC	900	1440					RECEPTACLE - ROOM 110	20A/1P	8			
9	20A/1P	RECEPTACLE - ROOM 032	REC	720		1080				RECEPTACLE - ROOM 113, 114	20A/1P	10			
11	20A/1P	RECEPTACLE - ROOM 031, 029	REC	900						REC-DRINKING FOUNTAIN (GFCI BREAKER)	20A/1P	12			
13	20A/1P	RECEPTACLE - ROOM 028	REC	1080	1980					REC-RECEPTACLE - EXTERIOR	20A/1P	14			
15	20A/1P	RECEPTACLE - ROOM 027	REC	900		3188				2288 REC GOLF CART CHARGER PLUG	30A/2P	16			
17	20A/1P	REC - MICROWAVE (GFCI BREAKER)	REC	180						2468 REC	20A/1P	18			
19	20A/1P	REC - REFRIDGERATOR (GFCI BREAKER)	REC	180	180					SPARE	20A/1P	20			
21	20A/1P	RECEPTACLE - ROOM 024	REC	720		720				SPARE	20A/1P	22			
23	20A/1P	RECEPTACLE - ROOM 125	REC	540						540 SPARE	20A/1P	24			
25	20A/1P	RECEPTACLE - ROOM 124, 119	REC	720	720					SPARE	20A/1P	26			
27	20A/1P	RECEPTACLE - ROOM 123	REC	900		900				SPARE	20A/1P	28			
29	20A/1P	RECEPTACLE - ROOM 122	REC	900						900 SPARE	20A/1P	30			
31	20A/1P	RECEPTACLE - ROOM 121	REC	1080	1080					SPARE	20A/1P	32			
33	20A/1P	RECEPTACLE - ROOM 120	REC	900		900				SPARE	20A/1P	34			
35	20A/1P	RECEPTACLE - ROOM 120	REC	1080						1080 SPARE	20A/1P	36			
37	20A/1P	RECEPTACLE - ROOM 118	REC	900	1260					360 REC RECEPTACLES - EXTERIOR VEST. 001	20A/1P	38			
39	20A/1P	ACCESS CONTROL POWER	PWR	400		400				SPARE	20A/1P	40			
41	20A/1P	ACCESS CONTROL POWER	PWR	400						800 PWR AUTOMATIC DOOR OPENER - CONS. VEST	20A/1P	42			

PANELBOARD SCHEDULE													
PANELBOARD LPP2		VOLTS: 208 Y/120						3Ø 4-WIRE				MECH ROOM 015	
		BUS CAPACITY: 160 A						A/C: 22KA					
		MCB: 160 A						MTG: SURFACE					
NAME		MLO:						ENCL: NEMA 1				LOCATION	
No.	BKR	DESCRIPTION		TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.
1	20A/1P	RECEPTACLE - ROOM 015	REC	540	1260				720	REC	RECEPTACLE - ROOM 013	20A/1P	2
3	20A/1P	RECEPTACLE - ROOM 019, 020, 021, 022	REC	720		1800			1080	REC	RECEPTACLE - ROOM 010	20A/1P	4
5	20A/1P	RECEPTACLE - ROOM 018	REC	540				1620	1080	REC	RECEPTACLE - ROOM 010	20A/1P	6
7	20A/1P	RECEPTACLE - ROOM 014	REC	540	1260				720	REC	RECEPTACLE - ROOM 101, 103	20A/1P	8
9	20A/1P	RECEPTACLE - ROOM 014	REC	720			1440		720	REC	RECEPTACLE - ROOM 103	20A/1P	10
11	20A/1P	REC-VENDING MACHINE (GFCI BREAKER)	REC	900				1980	1080	REC	RECEPTACLE - ROOM 102, 103	20A/1P	12
13	20A/1P	REC-VENDING MACHINE (GFCI BREAKER)	REC	900	1260				360	REC	RECEPTACLE - ROOM 103	20A/1P	14
15	20A/1P	REC-VENDING MACHINE (GFCI BREAKER)	REC	900		1620			720	REC	RECEPTACLE - ROOM 105	20A/1P	16
17	20A/1P	RECEPTACLE - ROOM 001, 005	REC	1080				1620	540	REC	RECEPTACLE - ROOM 105	20A/1P	18
19	20A/1P	REC-DRINKING FOUNTAIN (GFCI BREAKER)	REC	540	1440				900	REC	RECEPTACLE - ROOM 105	20A/1P	20
21	20A/1P	RECEPTACLE - ROOM 002	REC	720		1260			540	REC	RECEPTACLE - ROOM 105	20A/1P	22
23	20A/1P	RECEPTACLE - ROOM 002	REC	1080				1980	900	REC	RECEPTACLE - ROOM 108	20A/1P	24
25	20A/1P	RECEPTACLE - ROOM 002	REC	1080	1980				900	REC	RECEPTACLE - ROOM 108	20A/1P	26
27	20A/1P	RECEPTACLE - ROOM 007	REC	900		1800			900	REC	RECEPTACLE - ROOM 108, 109	20A/1P	28
29	20A/1P	RECEPTACLE - ROOM 007	REC	720				1800	1080	REC	RECEPTACLE - ROOM 109	20A/1P	30
31	20A/1P	RECEPTACLE - ROOM 007	REC	720	1440				720	REC	RECEPTACLE - EXTERIOR	20A/1P	32
33	20A/1P	RECEPTACLE - ROOM 004	REC	720		1800			1080	REC	RECEPTACLE - PENTHOUSE	20A/1P	34
35	20A/1P	RECEPTACLE - ROOM 008	REC	900				1080	1980	PWR	ELEVATOR CAB POWER	20A/1P	36
37	20A/1P	RECEPTACLE - ROOM 011, 012	REC	360	540				180	PWR	ELEVATOR CAB LIGHTING	20A/1P	38
39	20A/1P	RECEPTACLE - ROOM 009	REC	1080		1680			600	PWR	AUTOMA TIC DOOR OPENER VEST. 001	20A/1P	40
41	20A/1P	RECEPTACLE - ROOM 009	REC	1080				1680	600	PWR	AUTOMA TIC DOOR OPENER VEST. 001	20A/1P	42

PANELBOARD SCHEDULE															
PANELBOARD		VOLTS: 208 Y/120				3Ø 4-WIRE						MEP 035			
LPP3		BUS CAPACITY: 160 A				A/C: 22KA									
		MCB: 160 A				MTG: SURFACE									
NAME		M.C.O:				ENCL: NEMA 1						LOCATION			
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.			
1	20A/1P	RECEPTACLE - GROW LIGHTING	REC	720	1440			720	REC	RECEPTACLE - ROOM P1 GREENHOUSE	20A/1P	2			
3	20A/1P	RECEPTACLE - GROW LIGHTING	REC	720		1320		600	PWR	RIDGE VENT (WORK AREA)	20A/1P	4			
5	20A/1P	RECEPTACLE - GROW LIGHTING	REC	720			1320	600	PWR	RIDGE VENT (WORK AREA)	20A/1P	6			
7	20A/1P	RECEPTACLE - GROW LIGHTING	REC	720	1320			600	PWR	SIDE VENT (WORK AREA)	20A/1P	8			
9	20A/1P	LIGHTING - P1 GREENHOUSE	LTG	450		1050		600	PWR	HAIF FANS (WORK AREA)	20A/1P	10			
11	20A/1P	EXIT SIGNS - P1 GREENHOUSE	LTG	10			610	600	PWR	RIDGE VENT (GROWING AREA)	20A/1P	12			
13	20A/1P	GARAGE OPENER	PWR	500	1100			600	PWR	SIDE VENT (GROWING AREA)	20A/1P	14			
15	20A/1P	UH-1	PWR	528		1128		600	PWR	HAIF FANS (GROWING AREA)	20A/1P	16			
17	20A/1P	UH-2	PWR	528			528			SPARE		18			
19	20A/1P				0					SPARE	20A/1P	20			
21	20A/1P	SPARE				0				SPARE	20A/1P	22			
23	20A/1P	SPARE					0			SPARE	20A/1P	24			
25	20A/1P	SPARE			0					SPARE	20A/1P	26			
27	20A/1P	SPARE				0				SPARE	20A/1P	28			
29	20A/1P	SPARE								SPARE	20A/1P	30			
31						0						32			
33												34			
35							0					36			
37				0								38			
39						0						40			
41							0					42			

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

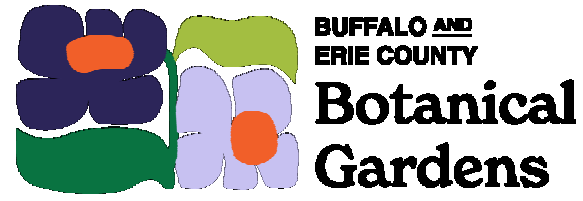


GENERAL DEMOLITION NOTES

- MAINTAIN INTEGRITY OF EXISTING CIRCUIT WIRING PRESENTLY INSTALLED AND SERVING EQUIPMENT OUTSIDE THE WORK AREA. VERIFY ROUTE OF EACH FEEDER AND BRANCH CIRCUIT SCHEDULED FOR REMOVAL.
- PROVIDE PROTECTION FOR ALL EXISTING CONSTRUCTION SYSTEMS/EQUIPMENT SCHEDULED TO REMAIN DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OR RECONDITIONING OF EQUIPMENT/ITEMS DAMAGED DURING REMOVALS.
- FIRE ALARM AND SECURITY SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. PROVIDE TEMPORARY WIRING AS REQUIRED TO MAINTAIN FIRE ALARM SYSTEM DETECTION/NOTIFICATION THROUGHOUT CONSTRUCTION PHASE AND OPERATION OF SECURITY SYSTEM. NOTIFY OWNER OF AREAS TO BE SHUTDOWN WHILE WORK IS BEING PERFORMED. FIRE ALARM AND SECURITY SYSTEMS SHALL BE FULLY OPERATIONAL AT END OF EACH WORK DAY. CONTRACTOR SHALL NOTE LEAVE ANY AREAS WITHOUT FIRE ALARM SYSTEM BEING FULLY FUNCTIONAL AND SECURITY SYSTEM FULLY OPERATIONAL.
- UNLESS OTHERWISE NOTED, DISCONNECT AND REMOVE ALL ELECTRICAL WORK ASSOCIATED WITH DEVICE/FIXTURE SCHEDULED FOR REMOVAL. ASSOCIATED ELECTRICAL WORK SHALL INCLUDE BUT NOT LIMITED TO CONDUCTORS, CONDUIT, BOXES, CONNECTORS, HANGERS, CONTROL EQUIPMENT, ETC. BACK TO SOURCE PANEL.
- CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ELECTRICAL DEVICES AND MISC. ITEMS AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR ANY COST ASSOCIATED WITH DISPOSAL.
- DEMOLITION SHOWN SHALL BE SELECTIVE. UNLESS OTHERWISE INDICATED ON THE PLAN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES FOUND IN THE FIELD PRIOR TO DEMOLITION OF ANY ITEMS NOT SHOWN. CONTRACTOR SHALL, AT HIS EXPENSE, REPLACE OR REPAIR ANY DEMOLISHED ITEM(S) THAT WERE NOT CALLED FOR ON THE PLANS OR BROUGHT TO ENGINEERS ATTENTION.

DEMOLITION NOTES:

- DISCONNECT AND REMOVE EXISTING LUMINAIRE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- DISCONNECT AND REMOVE EXISTING LIGHT SWITCH AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO UNIT HEATER AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING FIRE ALARM CONTROL PANEL.
- DISCONNECT AND REMOVE EXISTING SPEAKER AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING PANELBOARD AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING LIGHTING SYSTEM IN THE GREENHOUSE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO WATER HEATER AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- APPROXIMATE LOCATION OF EXISTING CAMERA THAT IS SCHEDULED TO BE DEMOED BY OWNER. EXISTING WIRING AND CONDUIT FOR EXISTING CAMERA SHALL BE REMOVED BACK TO SOURCE NEAR EXISTING TELECOMMUNICATIONS EQUIPMENT BY ELECTRICAL CONTRACTOR.
- DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO SASH MOTOR AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO HVAC FAN AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.



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BUFFALO, NEW YORK 14218

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NO.	REVISIONS	DATE
1	ADDENDUM 2	03/08/2025
2	ISSUE FOR BID	07/16/2025

DWG. TITLE
FIRST FLOOR PLAN -
DEMOLITION

DATE	08/16/24
SCALE	As indicated
DWN.	VB1
CHK.	JFW
PROJ. No.	605802
DWG. No.	

ED103