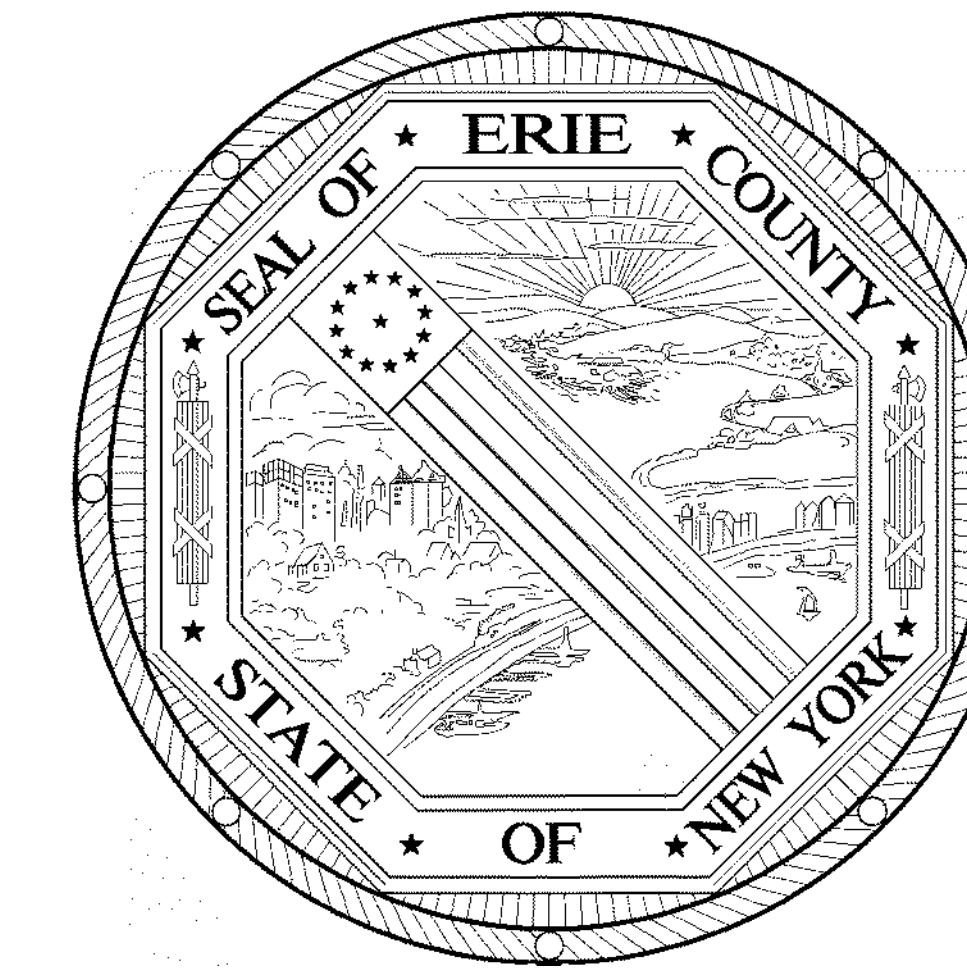


BUFFALO AND ERIE COUNTY Botanical Gardens



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

Buffalo And Erie County Botanical
Gardens Addition
100% CONSTRUCTION
DOCUMENTS

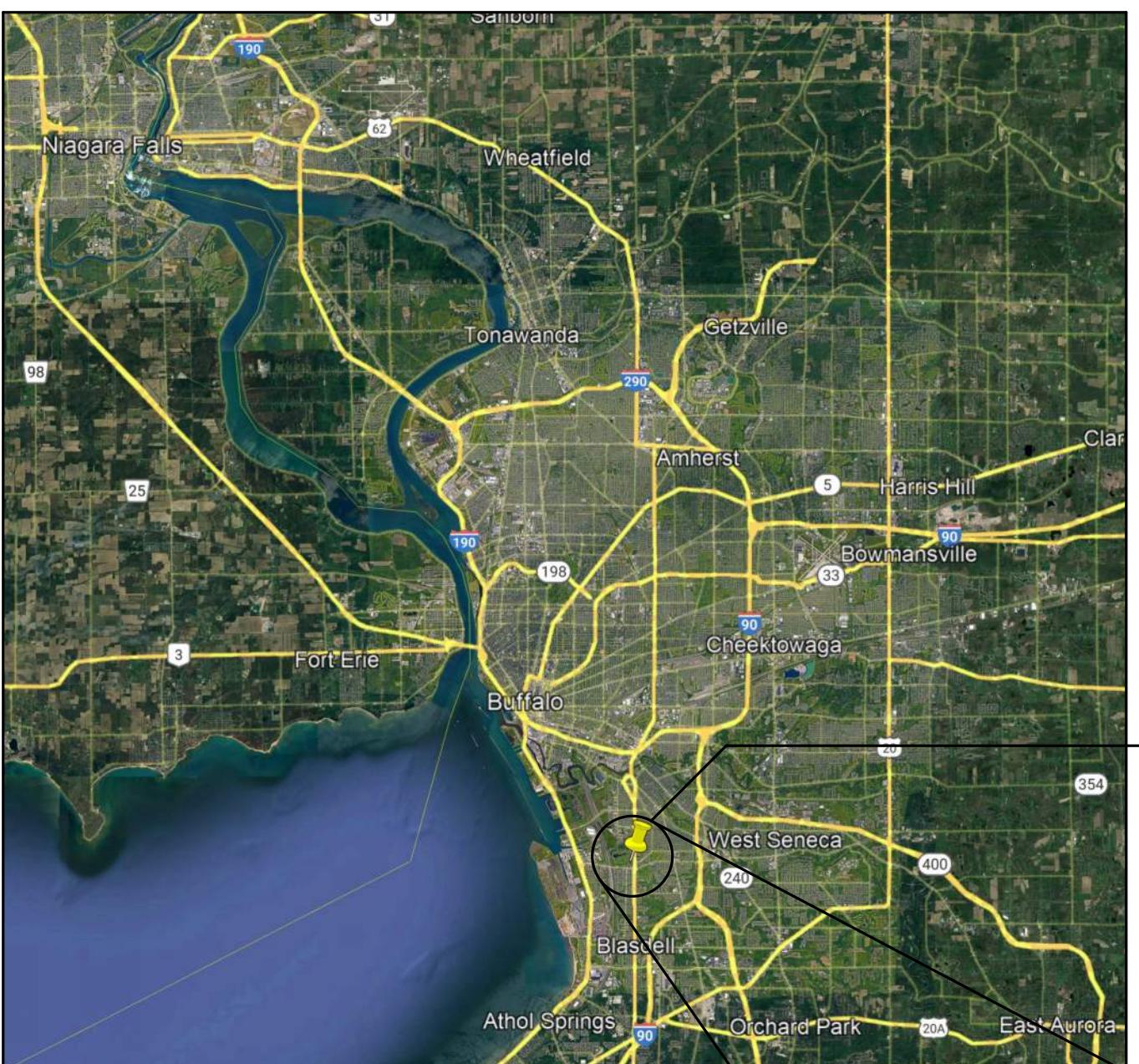
Mark C. Poloncarz | William E. Geary, Jr.
County Executive | Commissioner of Public Works

Buffalo And Erie County Botanical Gardens

2655 SOUTH PARK AVENUE
BUFFALO, NEW YORK 14218

Buffalo And Erie County Botanical Gardens Addition

100% CONSTRUCTION DOCUMENTS
02/18/2025



SITE



PROJECT
LOCATION



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

Wendel Project No. 605802

⚠ ADDENDUM 1 02/27/2025
⚠ ADDENDUM 2 03/06/2025

DRAWING INDEX

| | | |
|---------------------|--|---|
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| | G100 CODE COMPLIANCE PLAN - GROUND FLOOR | A922 VERTICAL CIRCULATION SECTIONS |
| | G101 CODE COMPLIANCE PLAN - FIRST FLOOR | A923 STAIR DETAILS |
| | G102 CODE COMPLIANCE OVERALL CAMPUS - GROUND FLOOR | A924 ELEVATOR DETAILS |
| | G103 CODE COMPLIANCE OVERALL CAMPUS - FIRST FLOOR | A925 INTERIOR ELEVATIONS |
| | | A926 INTERIOR ELEVATIONS |
| | | A701 REFLECTED CEILING PLANS - GROUND FLOOR |
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| | C100 EXISTING CONDITIONS PLAN | A921 WINDOW ELEVATIONS |
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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, 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
LOCATE UL-325 RATED, AND MATCHING 4" WIDE SINGLE SWING
GATE WITH LOCKING AND PAN 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, 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.
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

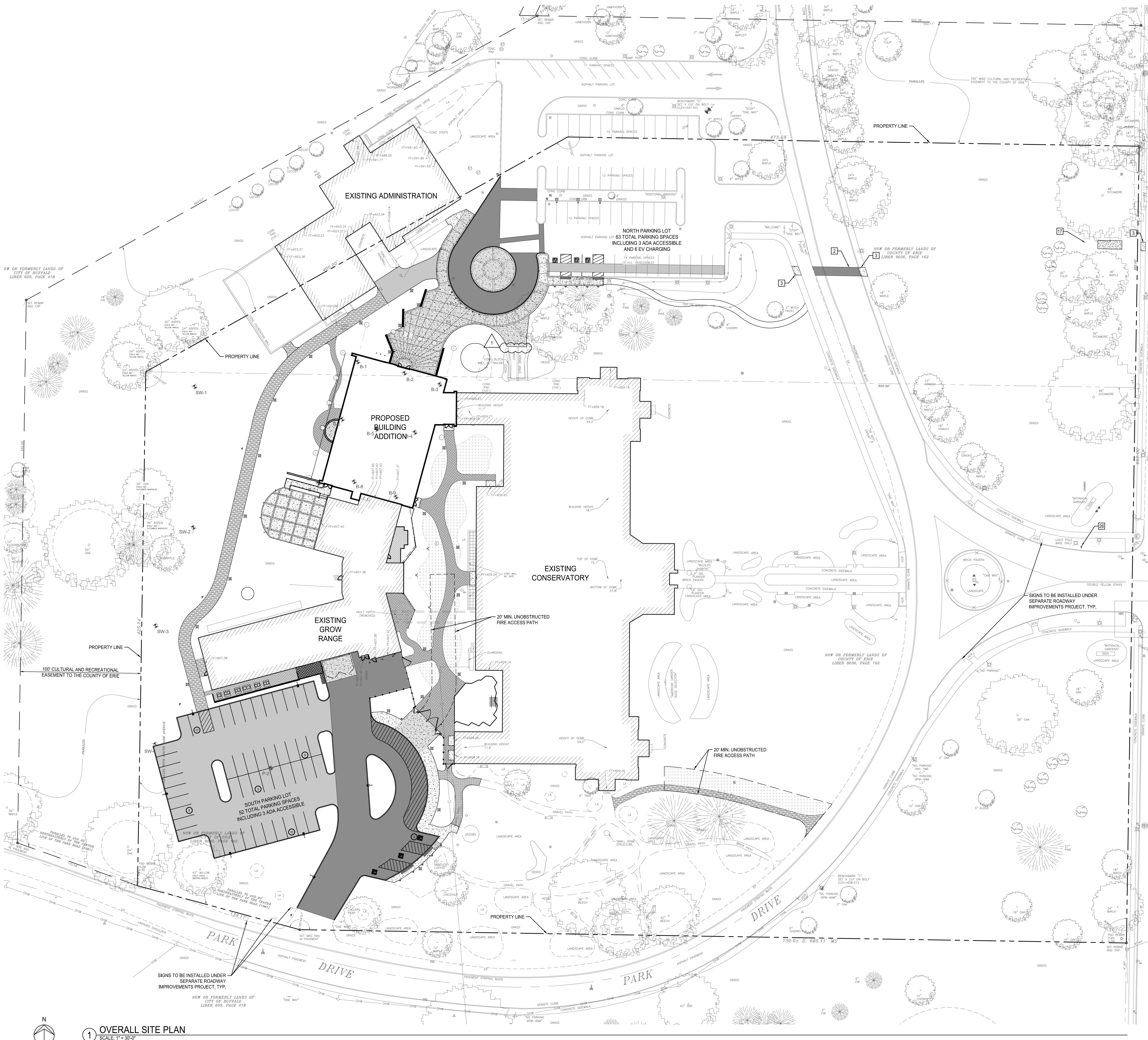
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| 1 | ADDENDUM #2 | 3-06-2025 |
| 0 | ISSUE FOR BID | 3-18-2025 |
| | REVISIONS | DATE |

DWG. TRUE

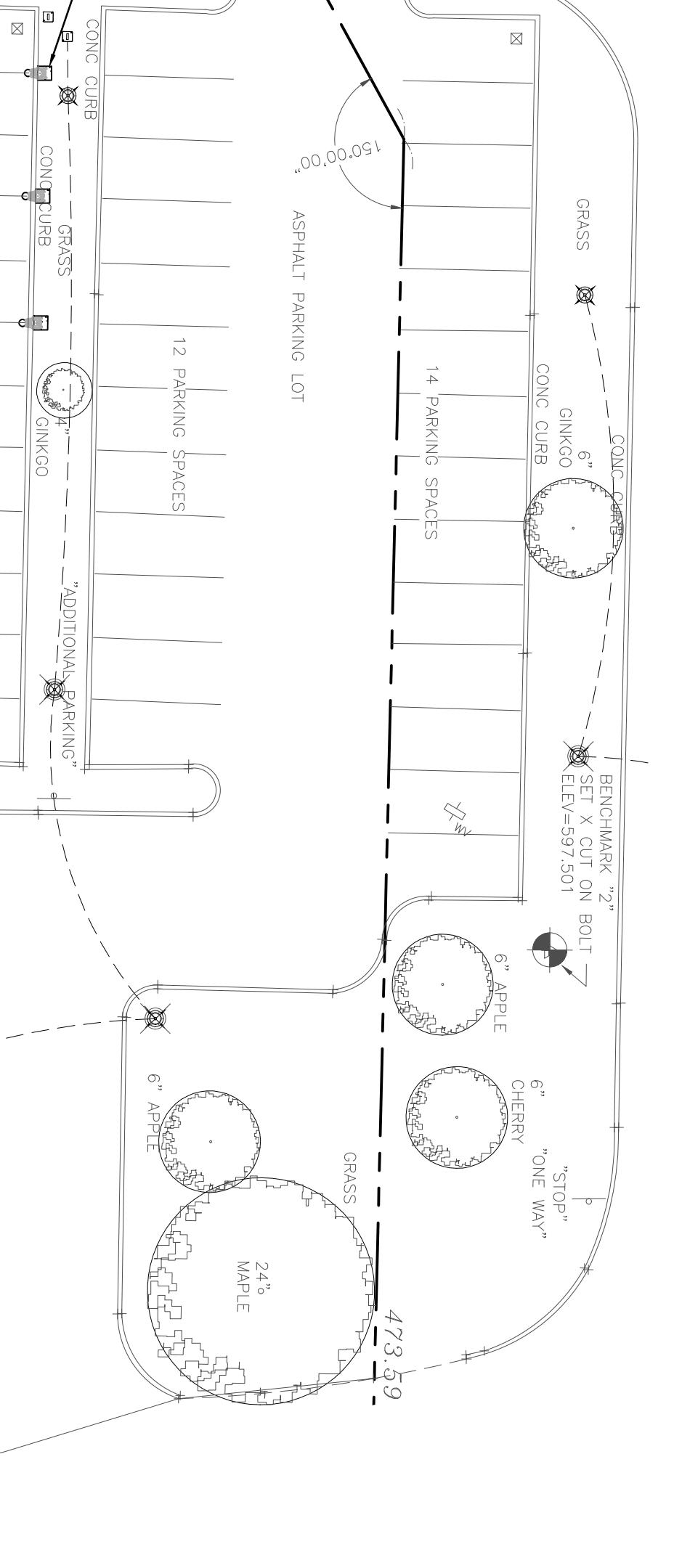
OVERALL SITE PLAN

| | |
|--|-------------------|
| 0 | GENERIC SCALE BAR |
| SCALE BAR SHOWN ON TWO RICES ON THE ORIGINAL DRAWING. IF NOT TWO RICES ON THIS SHEET, ADJUST ACCORDINGLY. | |
| DATE | 2/18/2025 |
| SCALE | AS NOTED |
| DWG. No. | IR2 |
| PROJ. No. | 605802 |
| DWG. No. | |

C200


SITE LAYOUT NOTES:

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2. HEAVY DUTY ASPHALT PAVEMENT RE: 1, C501
3. CONCRETE SIDEWALK RE: 2, 4, 5, C501
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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
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26. FIRE DEPARTMENT CONNECTION SIGN RE: 2, C502
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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



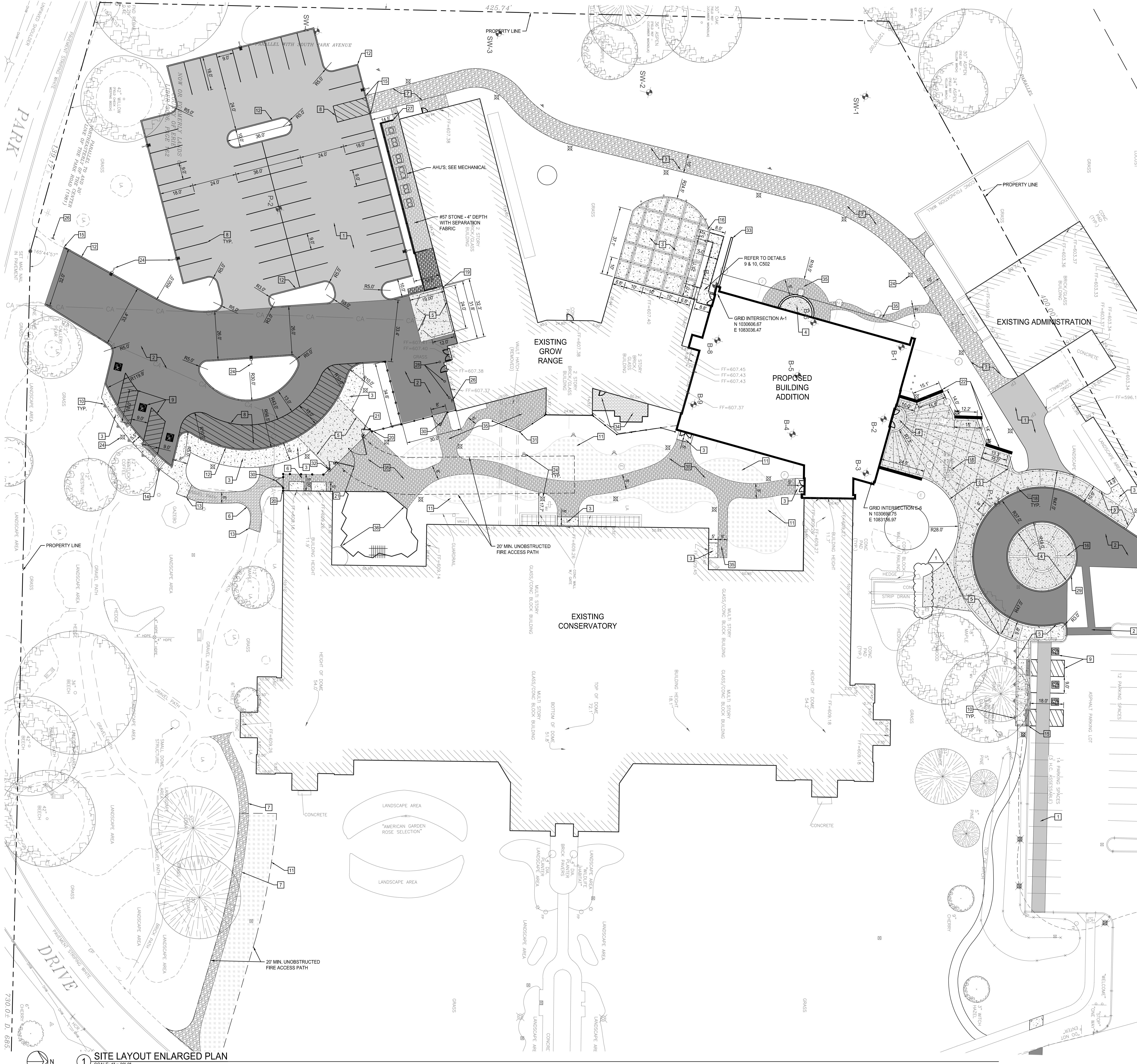
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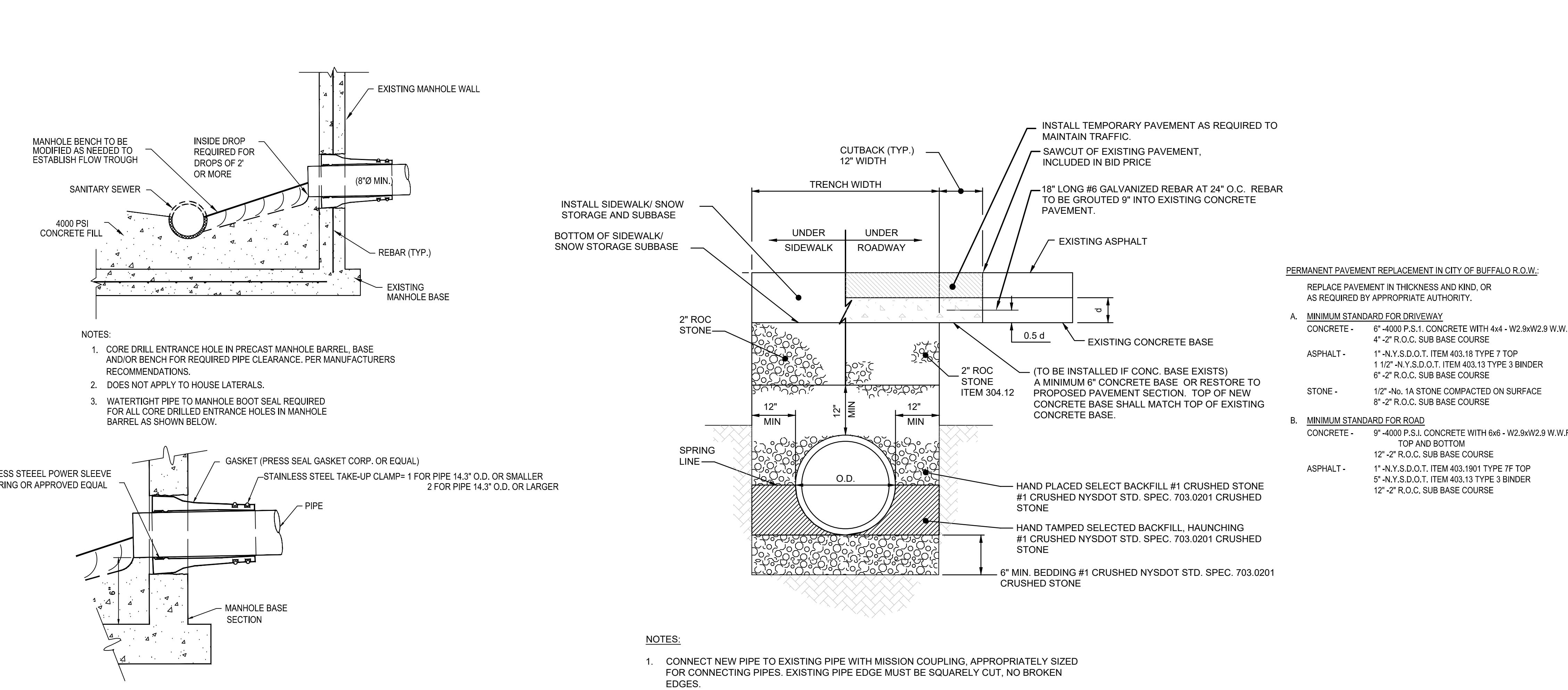
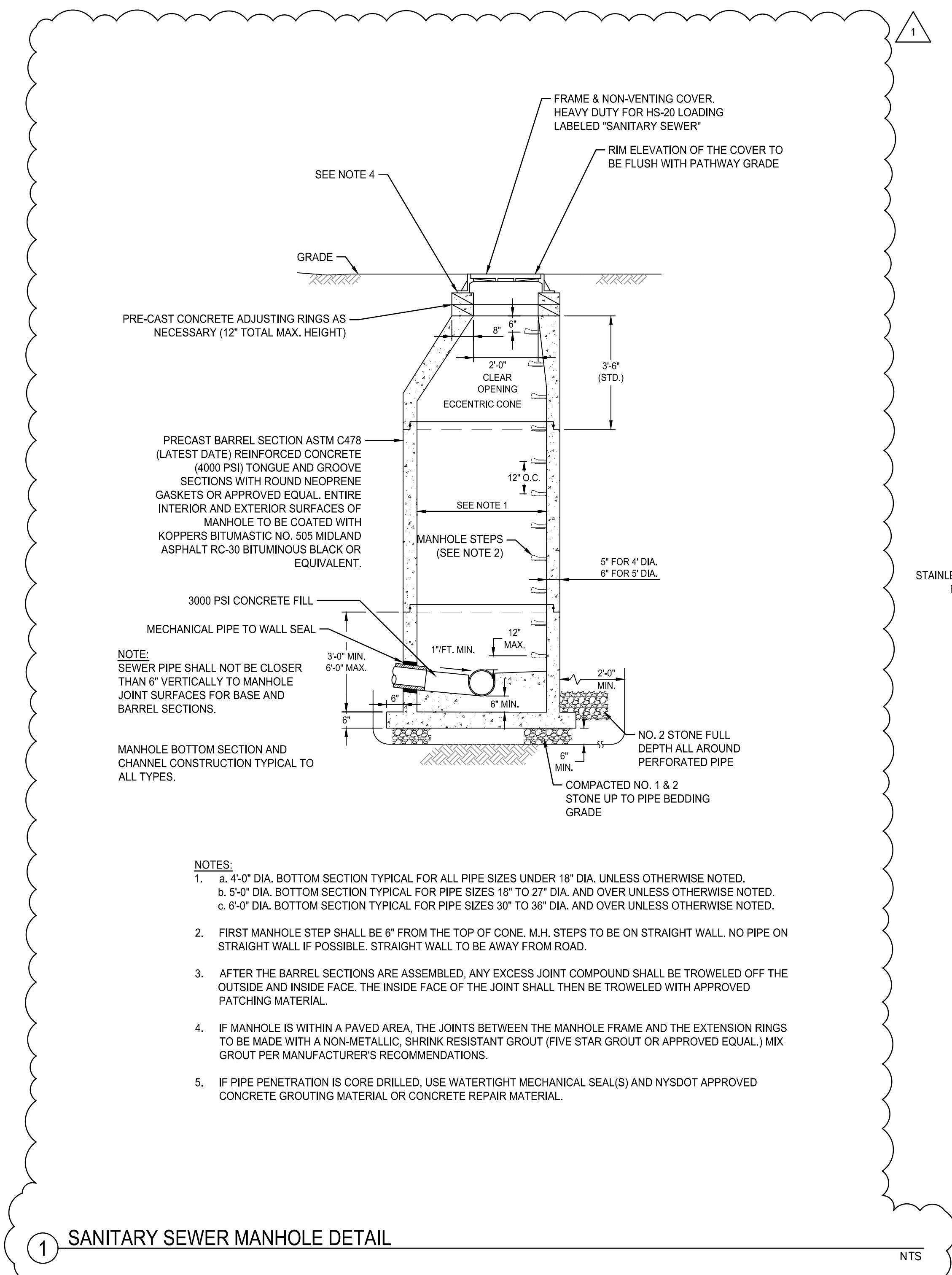
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| 1 | ADDENDUM #2 ISSUE FOR BID | 3-06-2025 |
| 0 | REVISIONS | 2-18-2025 |
| DATE | | |
| DWG. TRUE | | |

SITE LAYOUT
ENLARGED PLAN

| | |
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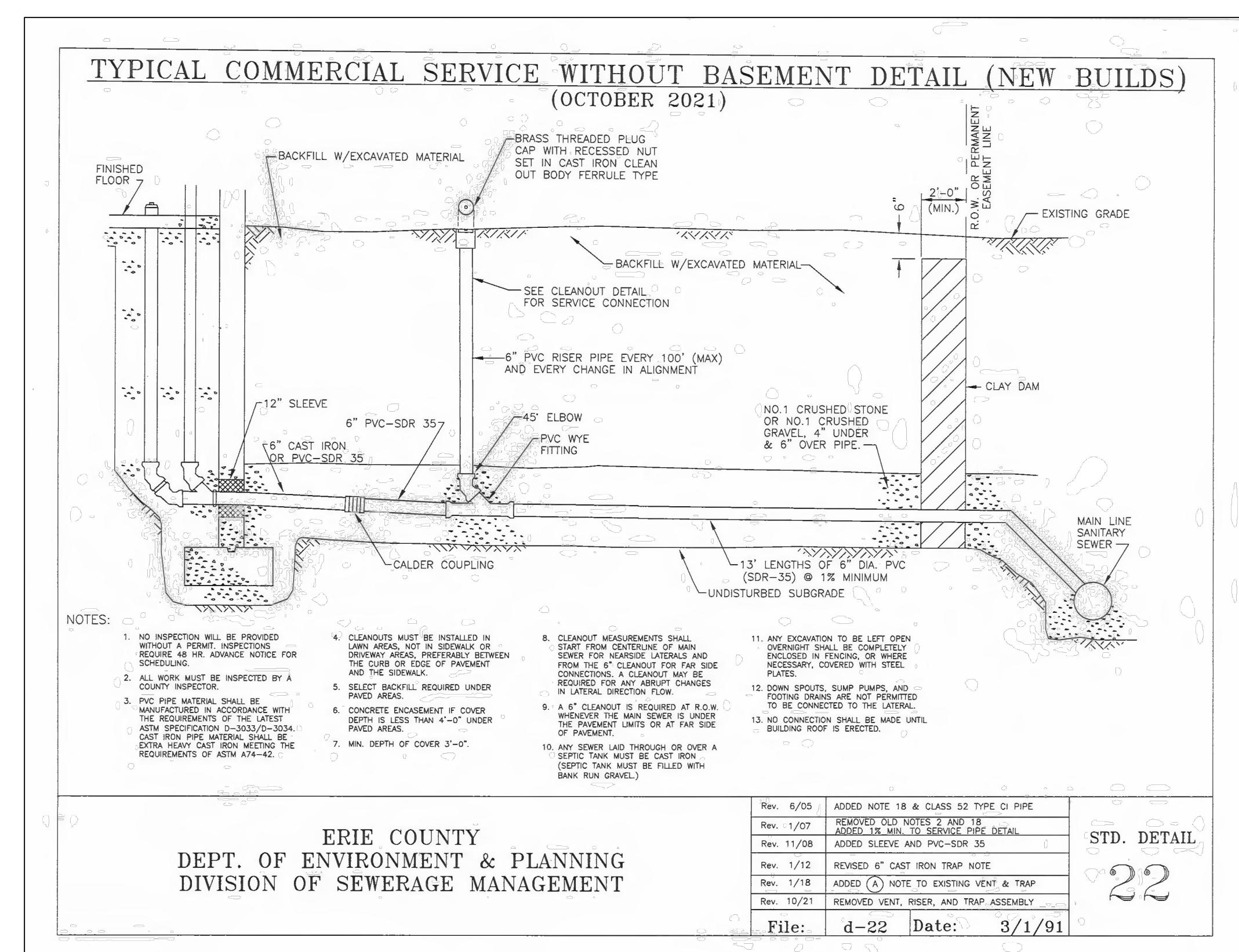
C201





2 MANHOLE CONNECTION DETAIL

3 SANITARY SEWER PIPE TRENCH DETAIL



4 CLEANOUT DETAIL AT BUILDING CONNECTION

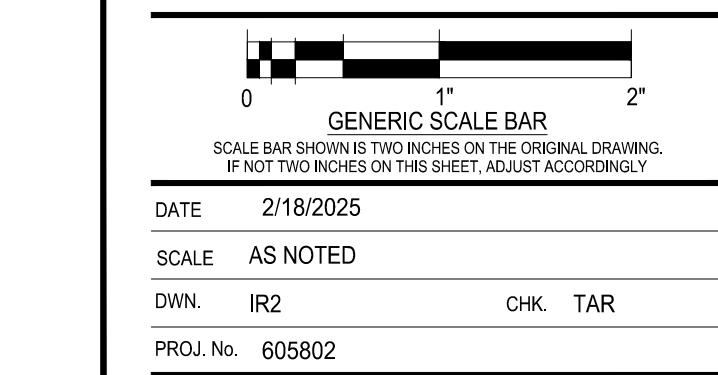
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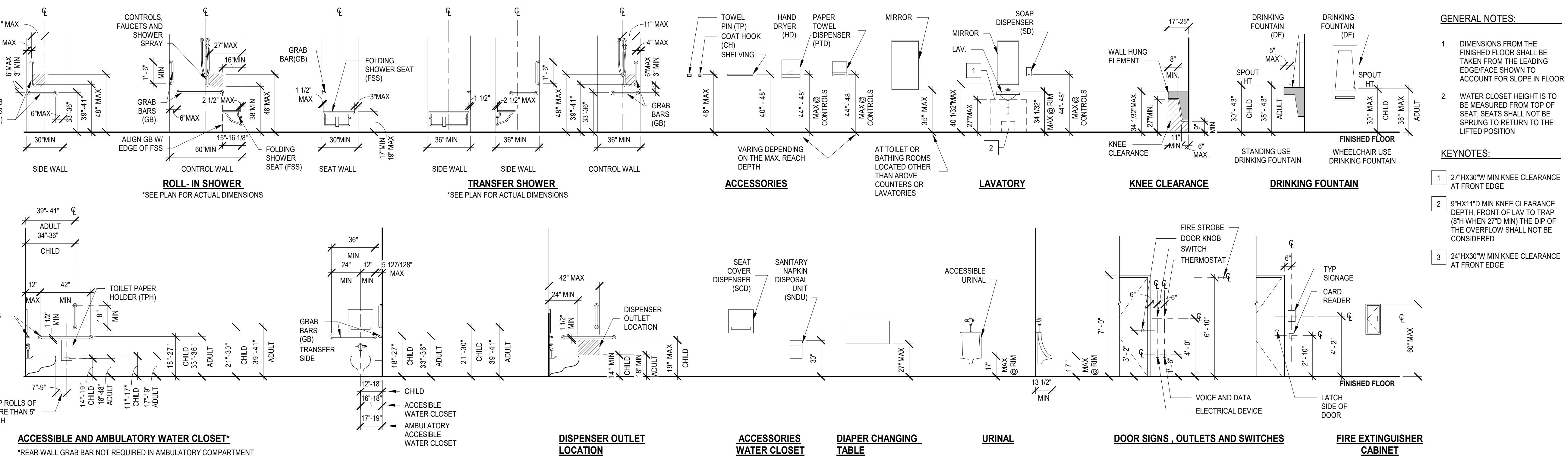
SANITARY SEWER NOTES:

1. ALL UTILITY LOCATIONS ARE JUDGED TO BE APPROXIMATE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES IN THE FIELD WHETHER OR NOT SHOWN ON THE PLANS.
2. MANHOLE FRAMES AND COVERS CAN BE PURCHASED, IF AVAILABLE, BY THE CONTRACTOR FROM THE BUFFALO SEWER AUTHORITY AT THE FOOT OF FERRY ST.
3. STANDARD MANHOLE STEPS SHALL BE SYRACUSE CASTING SALES CORP. PATTERN NO. 2592-1 DR. NEENAH FOUNDRY CO. NO. A-1982-T OR EQUAL. THE METHOD OF ATTACHING MANHOLE STEPS TO THE PRECAST SECTIONS SHALL BE APPROVED BY THE ENGINEER.
4. WHERE PRECAST MANHOLE SECTIONS ARE USED, APPROVED NON-SHRINK MORTAR OR SELF CONTAINED RUBBER GASKETS WILL BE USED TO MAKE EACH JOINT. THE OUTSIDE AND INSIDE OF EACH JOINT WILL BE GROUTED WITH NON-SHRINK MORTAR.
5. THE CONTRACTOR SHALL CONSTRUCT, AT NO EXTRA COST, MANHOLES WITH FLAT SLAB COVERS OF APPROVED DESIGN WHERE THE MANHOLE DEPTH IS INSUFFICIENT TO PERMIT INSTALLATION OF THE TAPER TOP.
6. ALL MANHOLES ARE TO HAVE A TOP OPENING OF 2' - 0". THIS WILL BE ACCOMPLISHED BY THE USE OF ECCENTRIC TAPER TOPS AND/OR APPROVED TAPER SECTIONS MEETING ASTM C478. UNLESS OTHERWISE SHOWN.
7. OPENINGS SHALL BE PROVIDED IN PRECAST MANHOLE BASE SECTIONS WHERE A FUTURE CONNECTION IS CALLED FOR ON THE PLANS; THE INVERT FORMED AND THE OPENING SHALL BE BULKHEADED WITH BRICK.
8. ALL PRECAST MANHOLE SECTIONS AND PRECAST MANHOLE BASE CHAMBERS TO COMPLY WITH ASTM C478 YEAR OF LATEST REVISION.
9. MANHOLE TROUGHS TO BE CONSTRUCTED TO MAINTAIN SMOOTH HYDRAULIC FLOW PATTERNS.
10. ALL MANHOLE FRAMES AND COVERS SHALL BE INSTALLED WITH SUFFICIENT CONCRETE RINGS OR BRICK COURSES TO ALLOW FOR AN ADJUSTMENT IN GRADE FOR A 12 INCH MAXIMUM CUT.
11. ALL SDR 35 PVC PIPE MANHOLE CONNECTIONS SHALL BE ACCOMPLISHED USING AN APPROVED SEAL OR WATERSTOP. MANHOLE CONNECTIONS CAN BE MADE AS FOLLOWS:
 - * MANHOLE COUPLINGS PROVIDING ELASTOMERIC GASKET SEAL. UNIT IS GROUTED INTO MANHOLE WALL. PIPE INSERTS INTO COUPLING.
 - * WATERSTOP IN VARIOUS FORMS (E.G. FLEXIBLE BOOT OR SLEEVE. O - RING OR GASKET) PRODUCED FROM ELASTOMERIC COMPOUND IS GROUTED OR LOCKED INTO MANHOLE WALL. PIPE INSERTS INTO WATERSTOP.
 - * PRECAST MANHOLE WITH CONNECTION PORTS WITH ELASTOMERIC SEALS PRECAST INTO MANHOLE WALL. PIPE INSERTS INTO CONNECTION PORT.
12. THE CONTRACTOR SHALL REPLACE SERVICE LATERALS WITH SDR 35 PVC PIPE FROM THE SEWER MAIN AS INDICATED ON THE PLANS OR A.O.B.E. AND MAKE THE CONNECTIONS AS DESCRIBED IN SECTION 08.100 OF THE CITY OF BUFFALO SPECIFICATIONS.
13. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DRAINAGE FACILITIES REQUIRED TO ENSURE THE SATISFACTORY DRAINAGE OF THE ENTIRE PROJECT DURING CONSTRUCTION. NO DIRECT PAYMENT WILL BE MADE FOR THE TEMPORARY DITCHES, CHANNELS AND SPECIAL GRADING. BUT THE COST SHALL BE INCLUDED IN THE PRICE BID FOR ALL THE ITEMS OF THIS CONTRACT.
14. ANY BENDS NEEDED FOR CONNECTIONS FROM PROPOSED DRAINAGE STRUCTURES TO EXISTING STRUCTURES OR PIPE SHALL BE AS ORDERED BY THE ENGINEER.
15. ALL SEWER AND DRAINAGE WORK SHALL CONFORM IN ALL RESPECTS TO THE BUFFALO SEWER AUTHORITY STANDARDS.
16. MANHOLES AND COVERS SHALL BE ADEQUATE FOR HS20 LOADING.
17. EXISTING SEWERS AND MANHOLES SHALL NOT BE ABANDONED UNTIL THE NEW SEWER HAS BEEN COMPLETED AND ALL SERVICE LATERALS CONNECTED.
18. ON ALL EXISTING MANHOLES TO BE ABANDONED THE CONTRACTOR SHALL SALVAGE THE FRAME AND COVER AND RETURN THEM TO THE BUFFALO SEWER AUTHORITY MAINTENANCE GARAGE AT THE FOOT OF WEST FERRY STREET.
19. ALL ABANDONED PIPES ENCOUNTERED DURING TRENCHING EXCAVATIONS SHALL BE PROPERLY BULKHEADED AT THE FACE OF THE TRENCH OR A.O.B.E. NO PIPE IS TO BE BULKHEADED WITHOUT A THOROUGH INVESTIGATION THAT IT IS ABANDONED.
20. NEW SANITARY SEWER DEFLECTION SHALL NOT EXCEED 5% AFTER 30 DAYS.
21. TESTING:

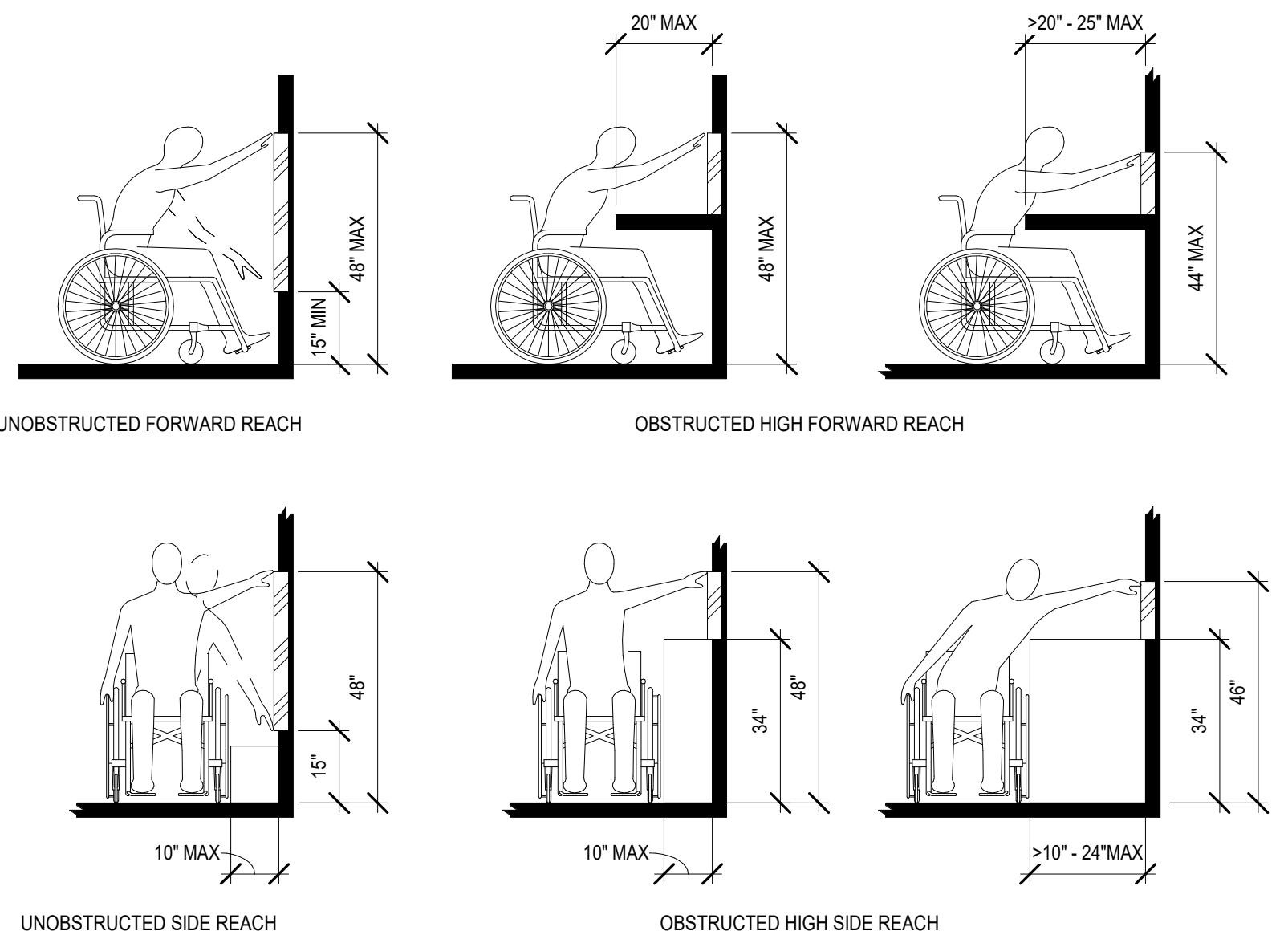
INFILTRATION AND LEAKAGE TESTING: ALL SANITARY SEWER CONSTRUCTION SHALL BE TESTED. TO ASSURE THAT INFILTRATION OR LEAKAGE SHALL NOT EXCEED 100 GALS. PER INCH OF INTERNAL PIPE DIAMETER PER MILE OF SEWER, PER 24 HOURS. THE ALLOWABLE RATE OF INFILTRATION GIVEN IN GALLONS PER MILE IS NOT TO BE CONSTRUED AS A COMMITMENT ON THE PART OF THE OWNER TO ACCEPT AN ENTIRE LINE WHERE OVERALL INFILTRATION IS LESS THAN THE ALLOWABLE, WHILE ONE OR MORE RUNS CONTRIBUTE EXCESSIVE INFILTRATION.

PRIOR TO COMMENCING WORK ON THE SANITARY SEWER THE CONTRACTOR SHALL SUBMIT IN WRITING TO THE OWNER/ENGINEER HIS PROPOSED METHOD OF AIR TESTING TO INSURE THE ABOVE LIMITS OF POINT INTEGRITY. THESE AIR TESTS WILL BE PERFORMED AS THE WORK PROGRESSES. EACH RUN OF SEWER FROM MANHOLE TO MANHOLE SHALL BE TESTED FOR COMPLIANCE WITH THE INFILTRATION LIMITS. WHEN TESTS INDICATE DEFECTIVE CONSTRUCTION, THE DEFECTIVE PIPE RUN SHALL BE REPAIRED OR REPLACED AS REQUIRED TO COMPLY WITH THE ALLOWABLE RATE OF INFILTRATION AT NO ADDITIONAL COST TO THE OWNER.
22. ALL POLYVINYL CHLORIDE (PVC) SANITARY SEWER PIPE SHALL BE SDR-35 CONFORMING TO ASTM REQUIREMENTS IN D-3034 OR F679 AND D-1784 WITH RUBBER-RING BELL JOINTS AS IN D-3212.
23. CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT FEES.

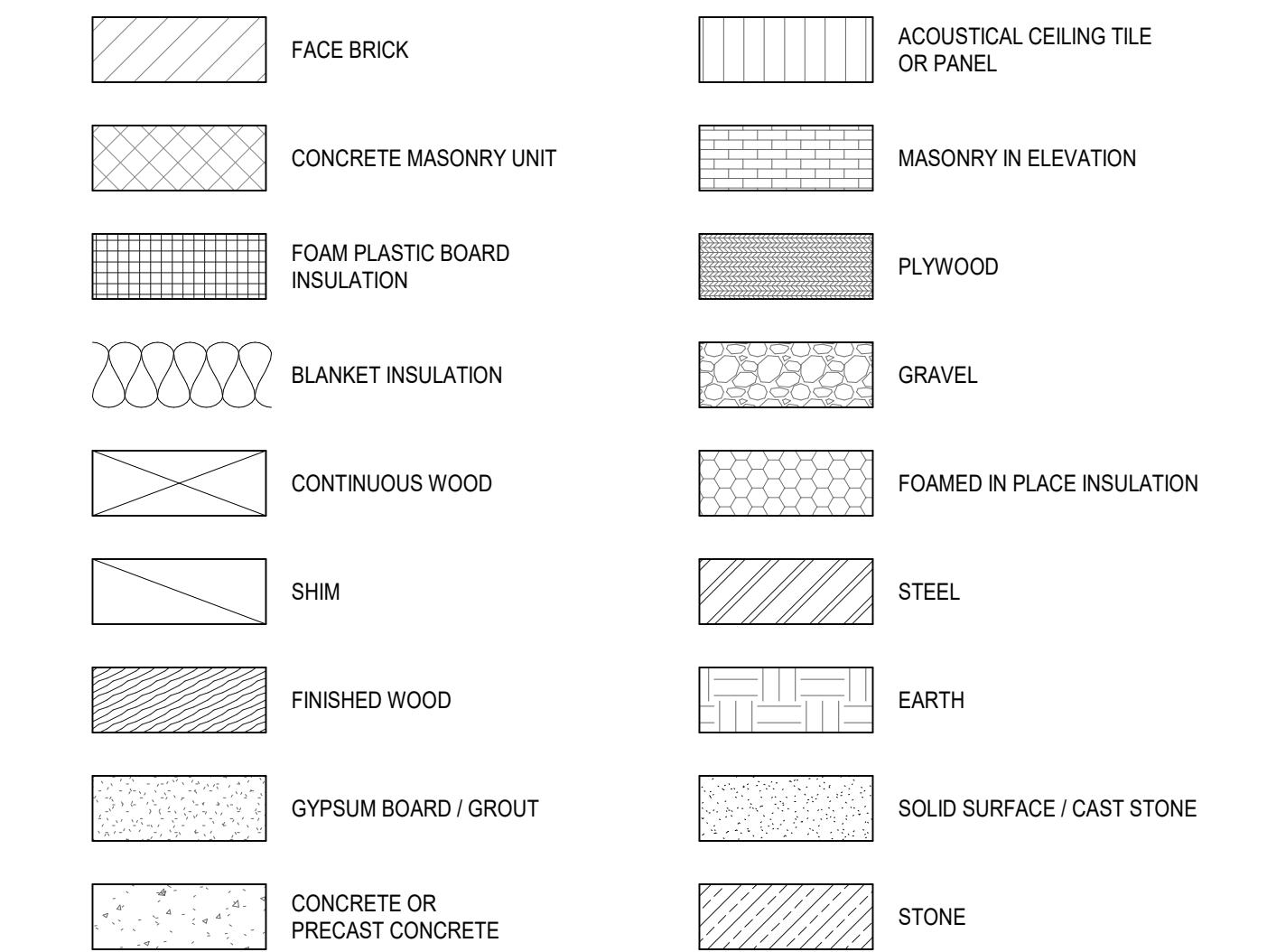


TYP FIXTURE MOUNTING HEIGHTS:

ACCESSIBLE AND AMBULATORY WATER CLOSET*

*REAR WALL GRAB BAR NOT REQUIRED IN AMBULATORY COMPARTMENT

ADA REACH RANGE FIGURES:

ABBREVIATIONS

| | | | | | | | |
|---------|--|-----------|---------------------------------------|-----------|---------------------------------|--------|-------------------------------|
| A/C | AIR CONDITION | EF | END FACE | LH | LEFT HAND | RR | RAILROAD |
| ACP | ACOUSTICAL CEILING PANEL | EJFS | EXTERIOR INSULATION AND FINISH SYSTEM | LHR | LEFT HAND REVERSE | RTU | ROOF TOP UNIT |
| ACS DR | ACCESS DOOR | EJU | EXPANSION JOINT | LIN | LINEAR | RV | ROOF VENT |
| ACS PNL | ACCESS PANEL | EL | ELEVATION | LLH | LONG LEG HORIZONTAL | S | SOUTH |
| ACT | ACOUSTICAL CEILING TILE | ELEC | ELECTRICAL | LLV | LONG LEG VERTICAL | SA | SUPPLY AIR |
| ADA | AMERICANS WITH DISABILITIES ACT | ELEV | ELEVATOR | LNDSCP | LANDSCAPE | SC | SOLID CORE |
| ADJ | ADJUSTABLE/ADJUSTABLE | ENCL | ENCLOSURE | LOC | LOCATION | SCD | SEAT COVER DISPENSER |
| AFF | ABOVE FINISHED FLOOR | EP | ELECTRICAL PANEL | LPT | LOW POINT | SD | SCHEDULE |
| AHU | AIR HANDLING UNIT | EPDM | ETHYLENE PROPYLENE DIENE MONOMER | LVT | LUXURY VINYL TILE | SECT | SECTION |
| ALT | ALTERNATE | EQ | EQUA | MATL | MATERIAL | SP | SCREW (FOOT (FEET)) |
| ALUM | ALUMINUM | EQP | EQUIPMENT | MAX | MAX | SFS | STOREFRONT SYSTEM |
| ANOD | ANODE | ETC | ET CETERA | MCH | MACHINERY | SPS | SUPER |
| ANT | ANTENNA | ETR | EXISTS TO REMAIN | MCP | MACHINERY | SVR | SUPERIOR |
| AOR | AREA OF REFUGE | EWC | ELECTRIC WATER COOLER | MFR | MANUFACTURER | SHT | SHEET |
| APPROX | APPROXIMATELY | EXH FN | EXHAUST FAN | MFR | MANUFACTURER | SHTG | 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 | F/FC | FACE TO FACE | MOD BIT | MODIFIED BITUMEN | SNDU | SANITARY NAPKIN DISPOSAL UNIT |
| BOT | BOTTOM | FCP | FIBER CEMENT PANEL | MTD | MOUNTED | SP | STAND PIPE |
| BS | BALCONET HALL | FDTN | FLOOR DRAIN | MTL | MATERIAL | SP FIN | SPECIAL FINISH |
| BRG | BEARING | FE | FOUNDATION | MTLP | METAL PARTITION | SPEC | SPECIFICATION |
| BSMT | BASEMENT | FE | FIRE EXTINGUISHER | N | NORTH | SQ | SQUARE |
| BWN | 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 | NRC | NOISE REDUCTION COEFFICIENT | SST | STAINLESS STEEL |
| CAB | CABINET | FIN FLR | FINISHED FLOOR | NTS | NOT TO SCALE | STC | SOUND TRANSMISSION CLASS |
| CB | CATCH BASIN | FLASH | FLASHING | OC | ON CENTER | STD | STANDARD |
| DUCT | DUCT | FO | FACE OF | OCC | OCUPANCY | STL | STRUCTURAL |
| CFMF | COLD-FORMED METAL FRAMING | FOC | FACE OF CONCRETE | OD | OUTSIDE DIAMETER | SUSP | SUSPENDED |
| GFS | COMPOSITE FRAMING SUPPORT | FOM | FACE OF MASONRY | OFCI | OWNER FURNISHED CONTRACTOR | SV | SHEET VINYL/SMOKE VENT |
| CG | CORNER GUARD | FOS | FACE OF SHEATHING | INSTALLED | INSTALLED | SYMM | SYMMETRICAL |
| CGFSU | CERAMIC GLAZED STRUCTURAL FACING UNITS | FR | FRAME | OFOI | OWNER FURNISHED OWNER INSTALLED | T | TREAD |
| CH | COAT HOOK | FRG | FIBER REINFORCED GYPSUM | OH | OVERHAND | T&B | TOP AND BOTTOM |
| CH BD | CHALK BOARD | FRT | FIRE RETARDANT TREATED | OPH | OPPOSITE HAND | T&G | TONGUE AND GROOVE |
| CJ | CONTROL JOINT | FSS | FOLDING SHOWER SEAT | OPNG | OPENING | TB | TOWEL BAR |
| CL | CEILING | FT | FEET/FOOT | OPP | OPPOSITE | TD | TRENCH DRAIN/TOWEL DISPENSER |
| CLO | CLOSET | FURG | FURG | OS | OVERFLOW DRAIN | TDR | TOILET DISPENSER/RECEPTACLE |
| CLOS | CLOSURE | G | NATURAL GAS | PIPE | OCUPANCY SENSOR | TEL | TELEPHONE |
| CLR | CLEAR | GA | GAGE | PCC | PREFAB CONCRETE | TER | TERRAZZO |
| CLRM | CLASSROOM | GALV | GALVANIZED | PJRC | PREMOLDED EXPANSION JOINT | THK | THICKNESS |
| CLT | CROSS-LAMINATED TIMBER | GRB | GRAB BAR | PERF | PERFORATED | TK BD | TACK BOARD |
| CMU | CONCRETE MASONRY UNIT | GC | GENERAL CONTRACTOR | PENTHOUSE | PENTHOUSE | TOC | TOP OF CURB/TOP OF CONCRETE |
| CO | CLEANOUT | GDR | GUARD RAIL | PL | PROPERTY LINE | TOJ | TOP OF JOIST |
| COUC | COUC | GFCI | GROUND FAULT CIRCUIT INTERRUPTER | PLAM | PLASTIC LAMINATE | TOP | TOP OF PARAPET |
| CONF | CONF | GL | GLASS | PLBG | PLUGGING | TOS | TOP OF STEEL |
| CONSTR | CONSTRUCTION | GLZ CMU | GLAZED CONCRETE MASONRY UNIT | PLWYD | PLAYWOOD | TOW | TOP OF WALL |
| CONT | CONTINUE | GRO | GROWING RANGE | PP | PRECAST CONCRETE | TP | TOP OF PIPING |
| CONTR | CONTRACTOR | GYP | GYPSUM | PPC | PREFAB CONCRETE | TERP | TOILET PAPER HOLDER |
| COORD | COORDINATE | GYP BD | GYPSUM WALLBOARD | PREF | PREFABRICATED | TPD | TERMOPLASTIC POLYOLEFIN |
| CORR | CORRIDOR | H | HIGH | PREFAB | PREFABRICATED | TPTN | TOILET PARTITION |
| CPRS | COMPRESSIBLE | HB | HOSE BIBB | PT | PAINT | TRTD | TREATED |
| CPT | CARPET | HC | HANDICAP | PTD | PAPER TOWEL DISPENSER | TV | TELEVISION |
| CT | CERAMIC TILE | HD | HAND DRYER | PTN | PARTITION | TYP | TYPICAL |
| CTB | CERAMIC TILE BASE | HW | HOLLOW METAL | PTR | PRESERVATIVE-TREATED | UH | UNIT HEATER |
| CUST | CUSTODIAN | HORZ | HORIZONTAL | REF | REFERENCE/REFRIGERATOR | UL | UNDERWRITERS LABORATORIES |
| D | DEPTH/DEPTH | HT | HIGH POINT | REFIN | REFRIGERATOR | UNFIN | UNFINISHED |
| DBL | DOUBLE | HS | HOT STACK | REINF | REINFORCE | UNIFIN | UNFINISHED |
| DEMO | DEMOLITION | HT | HEIGHT | RECD | REINFORCED | UNIFIN | UNFINISHED |
| DEPT | DEPARTMENT | HVAC | HEATING | RESL | RESILIENT | UNIFIN | UNFINISHED |
| DET | DETAL | HYD | HYDRANT | RET | RETURN | UNIFIN | UNFINISHED |
| DF | DRINKING FOUNTAIN | ID | INSIDE DIAMETER | RFG | ROOFING | UNIFIN | UNFINISHED |
| DIA | DIA | IF | INSIDE FACE | VFR | REFLECTED CEILING PLAN | UNIFIN | UNFINISHED |
| DIG | DIGITAL | INCL | INCLUDED | VFR | REFLECTED CEILING PLAN | UNIFIN | UNFINISHED |
| DIM | DIMENSION | INSU | INSULATION | RET | RETURN | UNIFIN | UNFINISHED |
| DN | DOWN | INTNL PNL | INSULATED METAL PANEL | RFG | ROOFING | UNIFIN | UNFINISHED |
| DPTN | DEMOUNTABLE PARTITION | INT | INTERIOR | VFR | REFLECTED CEILING PLAN | UNIFIN | UNFINISHED |
| DR | DOOR | JAN | JANITOR | VFR | REFLECTED CEILING PLAN | UNIFIN | UNFINISHED |
| DS | DOWNSPOUT | LAB | LABORATORY | RHR | RIGHT HAND REVERSE | UNIFIN | UNFINISHED |
| DWG | DRAWING | LAM | LAMINATE | RL | ROOF LEADER | UNIFIN | UNFINISHED |
| E | EAST | LAV | LAVATORY | RM | ROOM | UNIFIN | UNFINISHED |
| EA | EACH | LF | LINEAR FEET (FOOT) | RO | ROUGH OPENING | UNIFIN | UNFINISHED |

MATERIALS LEGEND:

GENERAL NOTES:

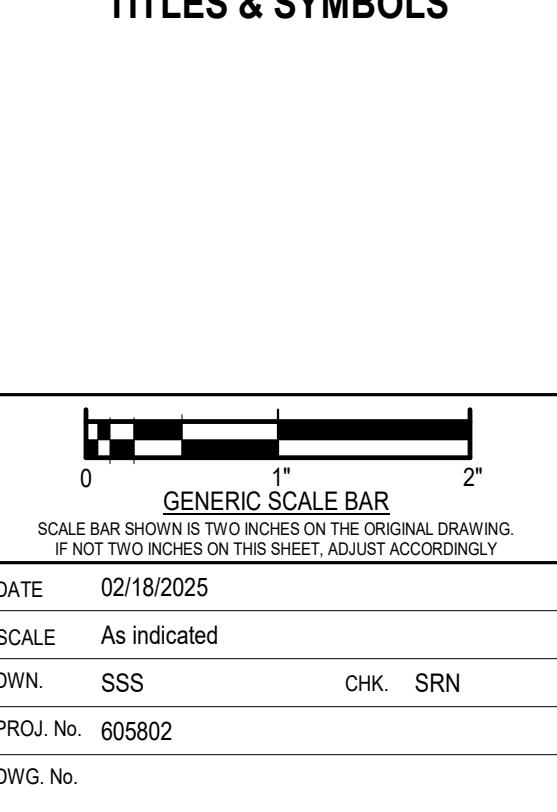
1. THE PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND ARE TO BE CONSIDERED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND GENERAL NOTES IF ANY. WHERE REQUIREMENTS INDICATED ON THE ARCHITECTURAL DRAWINGS DIFFER FROM THE SPECIFICATIONS, NOTIFY THE ARCHITECT.
2. UNLESS OTHERWISE NOTED, DETAILS, SECTIONS AND NOTES CONTAINED IN THE ARCHITECTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS EVEN IF NOT EXPLICITLY REFERENCED.
3. DEFICIENT WORK AND/OR WORK NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS WILL BE REPAID AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL REIMBURSE THE PARTIES REQUIRED FOR PERFORMANCE OF THESE SERVICES ARISING FROM DEFICIENT WORK. REVIEW OF MODIFICATIONS, CONTRACTOR SUBSTITUTION, OR EXPENDITURE OF SUBMITTALS.
4. COST OF INVESTIGATION AND/OR REDESIGN INURRED BY THE ARCHITECT DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE.
5. VERIFY IN THE FIELD (IF ALREADY EXISTING) JOB CONDITIONS, REVIEW ALL CONTRACT DRAWINGS, AND VERIFY DIMENSIONS AND ELEVATIONS NOTED IN THE CONTRACT DOCUMENTS PRIOR TO THE START OF WORK.
6. USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE THESE DRAWINGS OR USE DIMENSIONS OBTAINED FROM ELECTRONIC DRAWING OR MODEL FILES, IF PROVIDED.

7. CONTRACTORS TO NOTIFY OWNER. THE BUFFALO AND ERIE COUNTY BOTANICAL GARDENS SOCIETY, INC.

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| 2 | Addendum 2 | 03/06/2025 |
| 0 | ISSUE FOR BID | 03/18/2025 |
| NO. | REVISIONS | DATE |

DWG TITLE

TITLES & SYMBOLS




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

GENERAL FLOOR PLAN 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.
4. NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
5. 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
6. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FACE OF STUD FRAMING OR MASONRY UNLESS OTHERWISE NOTED.
7. 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.
8. 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.
9. 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.
10. SEE SHEET A901 FOR FURRING AND PARTITION TYPES NOTED ON THIS SHEET.

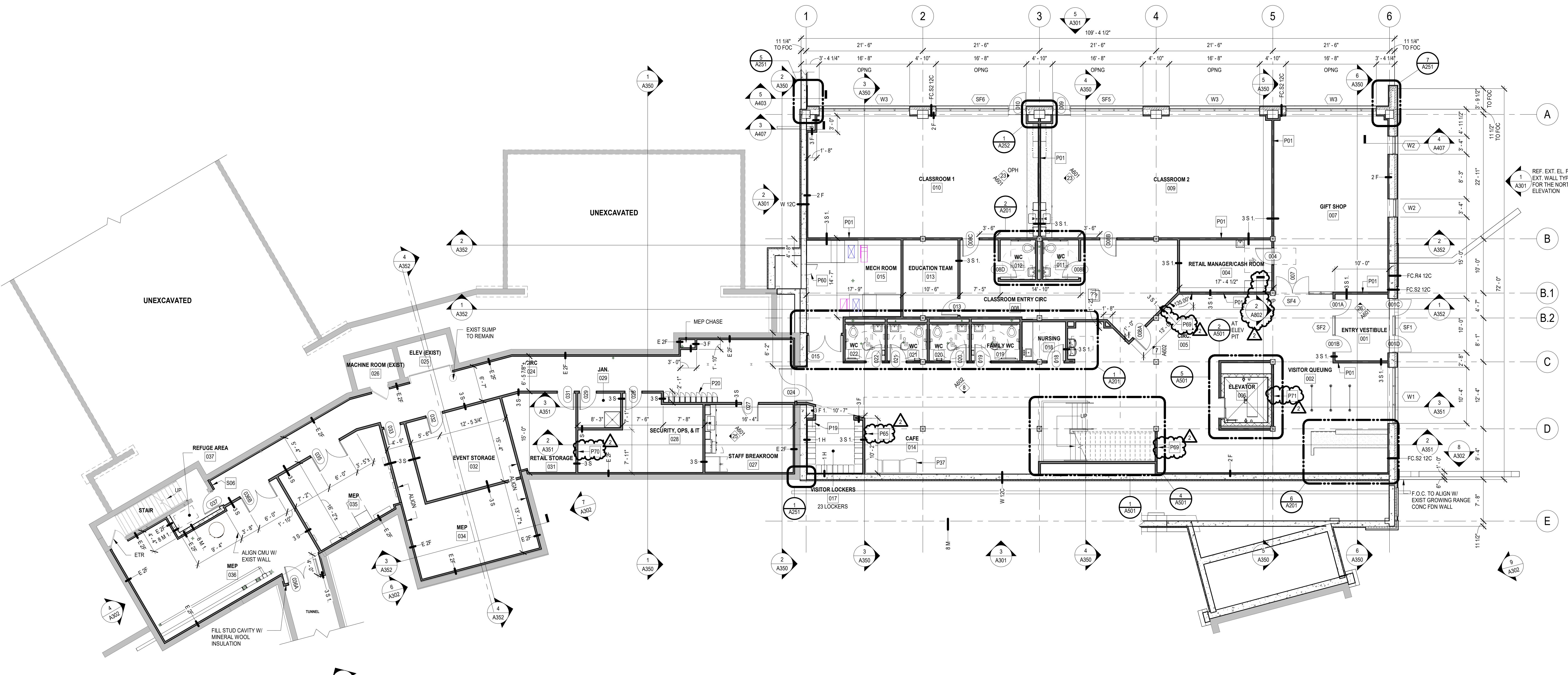
| PLAN KEYNOTES | |
|---------------|---|
| P01 | CENTER PARTITION ON COLUMN / BEAM ABOVE |
| P19 | OFCI PREFINISHED METAL LOCKERS. COORDINATE WITH OWNER. |
| P20 | OFCI EXISTING STAFF LOCKERS. COORDINATE WITH OWNER. PROVIDE NEW WALL BASE AT BASE OF LOCKERS. |
| P37 | OFOI VENDING MACHINES AND CABINERY 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 | OFOI COFFEE MAKER LOCATION. |
| P69 | OFCI TV LOCATION. PROVIDE 4'-0" WIDE BLOCKING FOR WALL MOUNTED OFCI TV. CENTER ON WALL. BLOCKING TO EXTEND FROM 4'0" AFF TO 6'-0" AFF. |
| P70 | OFCI DATA RACK LOCATION. PROVIDE 2'-0" WIDE BLOCKING FOR WALL MOUNTED OFCI DATA RACK. CENTER ON WALL. COORDINATE HEIGHT WITH OWNER. |
| P71 | OFCI KIOSK LOCATION. PROVIDE 8'-0" WIDE BLOCKING FOR WALL MOUNTED OFCI TICKETING KIOSKS. CENTER ON WALL. BLOCKING TO EXTEND FROM 4'0" AFF TO 6'-0" AFF. |

Buffalo And Erie County Botanical Gardens Addition 100% CONSTRUCTION DOCUMENTS

 **wendel**

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

bucholzmcevoy ARCHITECTS



1 GROUND FLOOR PLAN

1 SCALE: 1/8

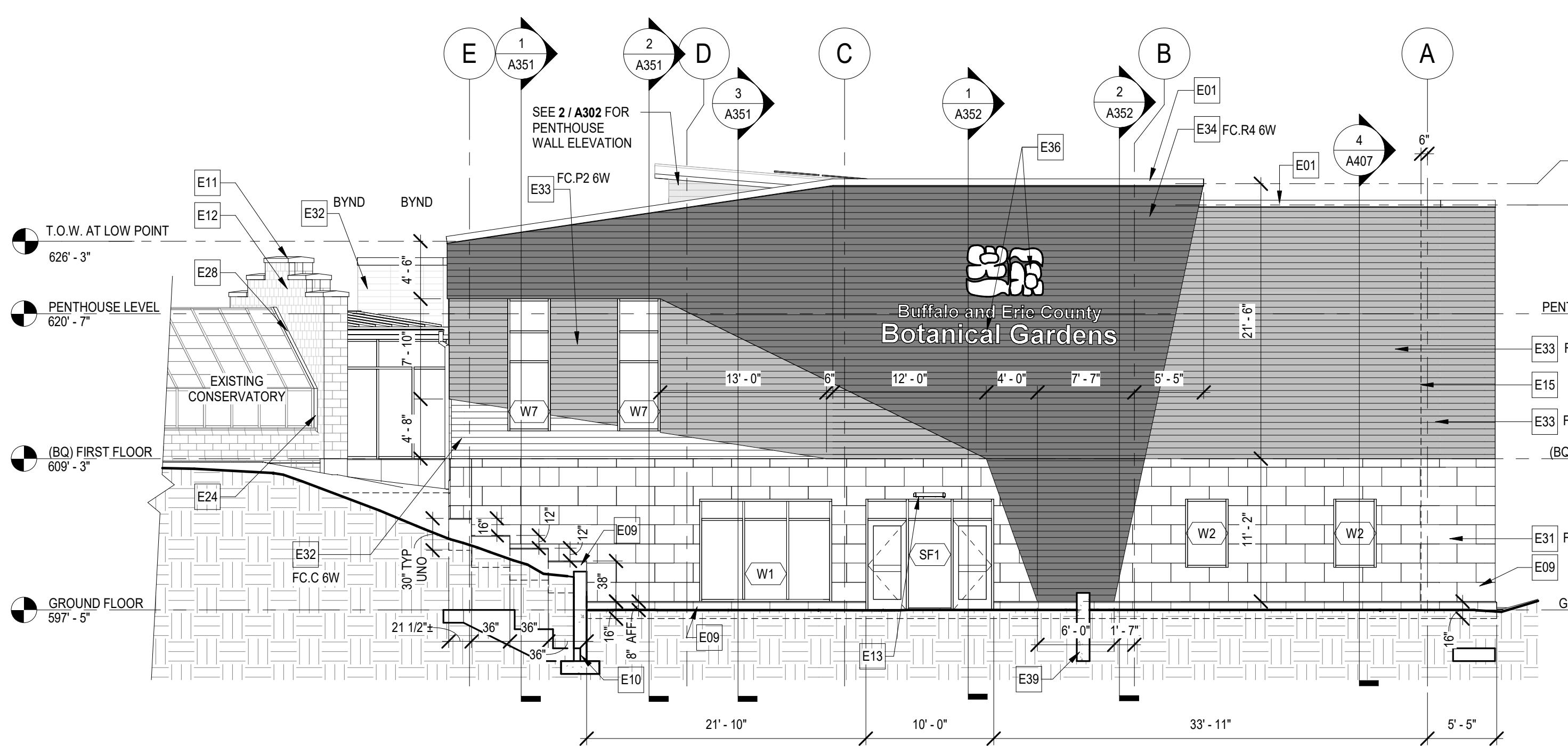
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GENERAL ELEVATION NOTES

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2. GROWING RANGE (GR) FIRST FLOOR ELEVATION IS REFERENCED AS 607'-5", VERIFY EXACT ELEVATION.
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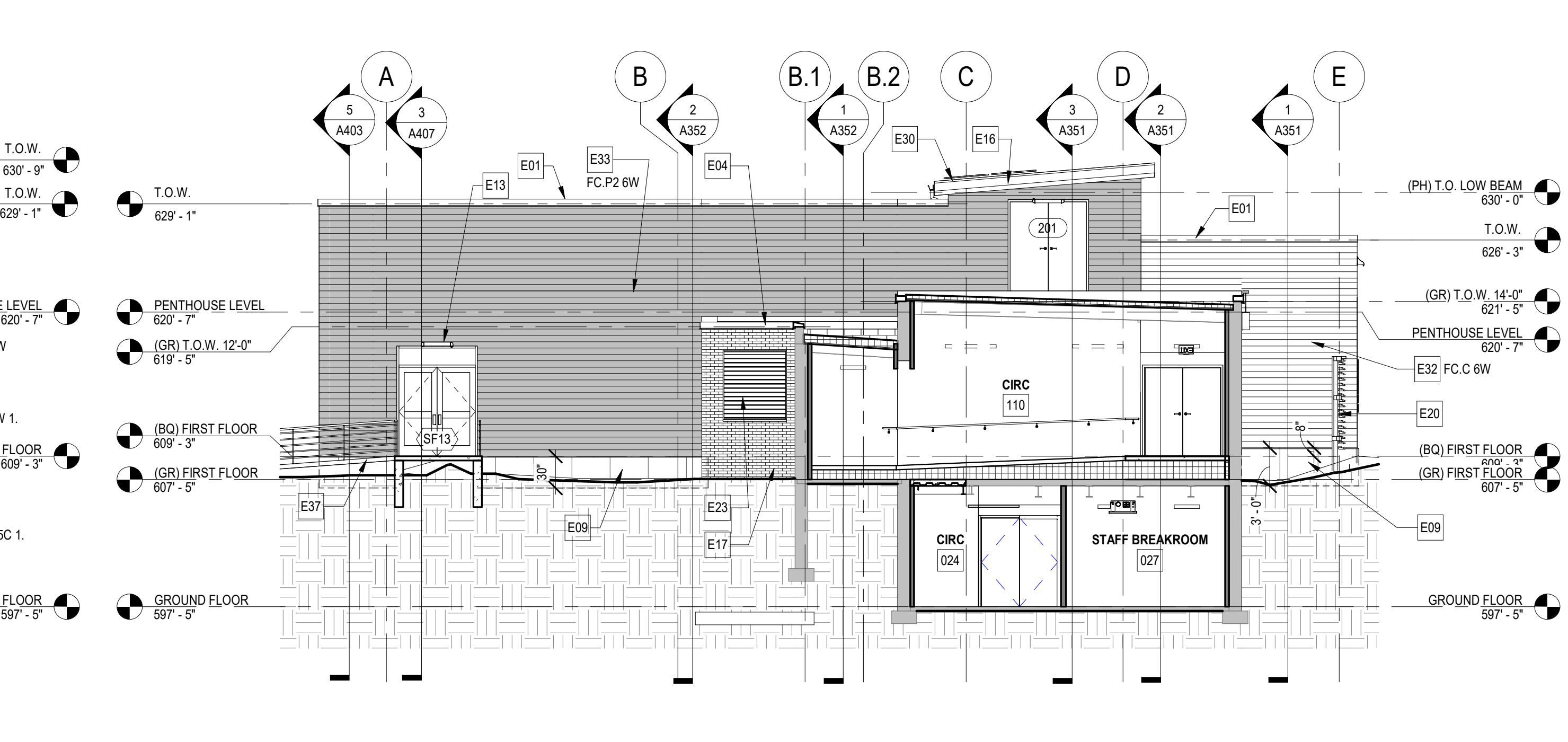
EXTERIOR ELEVATION KEYNOTES

E01 PRE-FINISHED METAL COPING (COLOR TO MATCH ADJACENT CLADDING)
 E02 PRE-FINISHED ALUMINUM TRIM COVER (BRONZE COLOR)
 E03 PRE-FINISHED (BRONZE) OVERFLOW SCUPPER, COLOR TO MATCH ALUMINUM TRIM
 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 ALUMINUM TRIM COLOR TO MATCH ADJACENT STOREFRONT FINISH
 E08 PRE-FINISHED ALUMINUM TRIM, MATCH STOREFRONT FRAME FINISH
 E09 PRECAST CONCRETE BASE, TYPICAL UNIT 36" LONG BY 7" 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 NORTHWEST 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 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
 E19 PRIVACY FENCE, SEE LA & CIVIL DRAWINGS.
 E21 GIRDERS WITH CANTED END, REF. STRUCTURAL DRAWINGS.
 E22 CONCRETE FOUNDATION, REF. STRUCTURAL DRAWINGS.
 E23 U-CHANNEL, REF. MECHANICAL DRAWINGS.
 E24 PRE-COMPRESSED 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 S
 E35 FIBER CEMENT PANEL TYPE C
 E36 FIBER CEMENT PANEL TYPE P
 E37 FIBER CEMENT PANEL TYPE S
 E38 BRICK CONTROL JOINT
 E39 SITE CONCRETE SEAT WALLS, SEE LA & CIVIL DWGS.



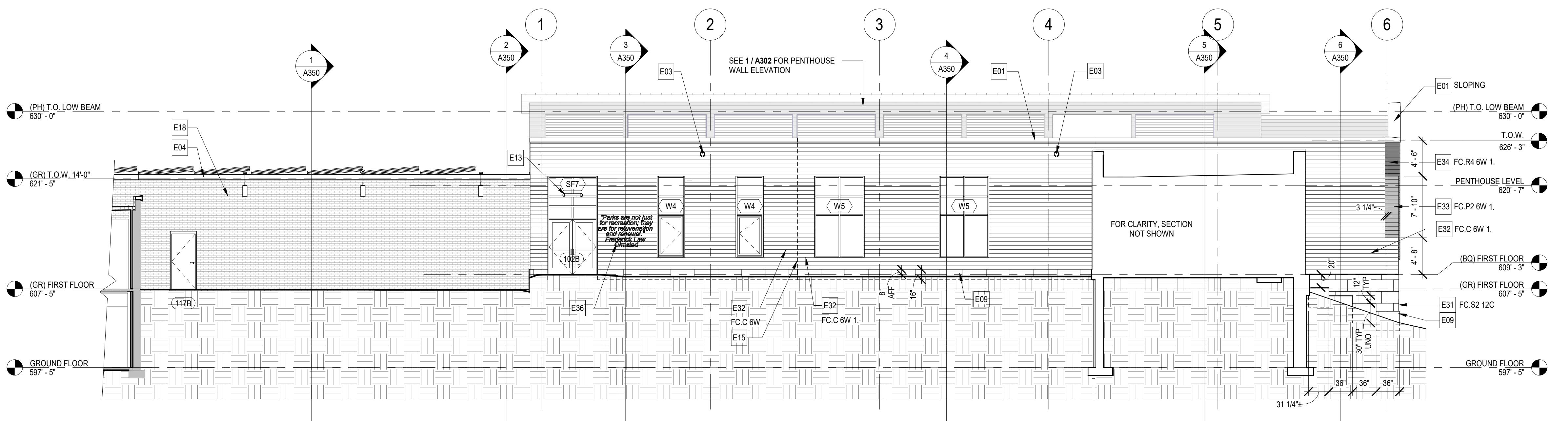
1 EXTERIOR ELEVATION - NORTH

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



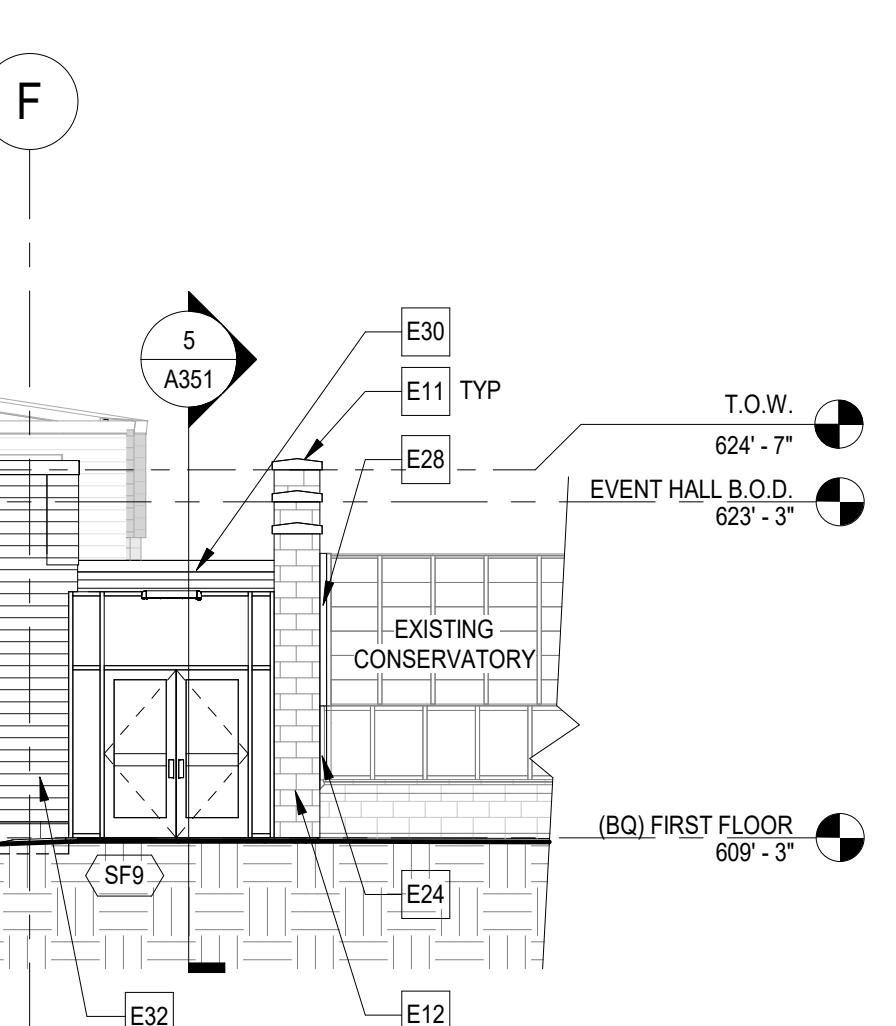
2 EXTERIOR ELEVATION - SOUTH

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



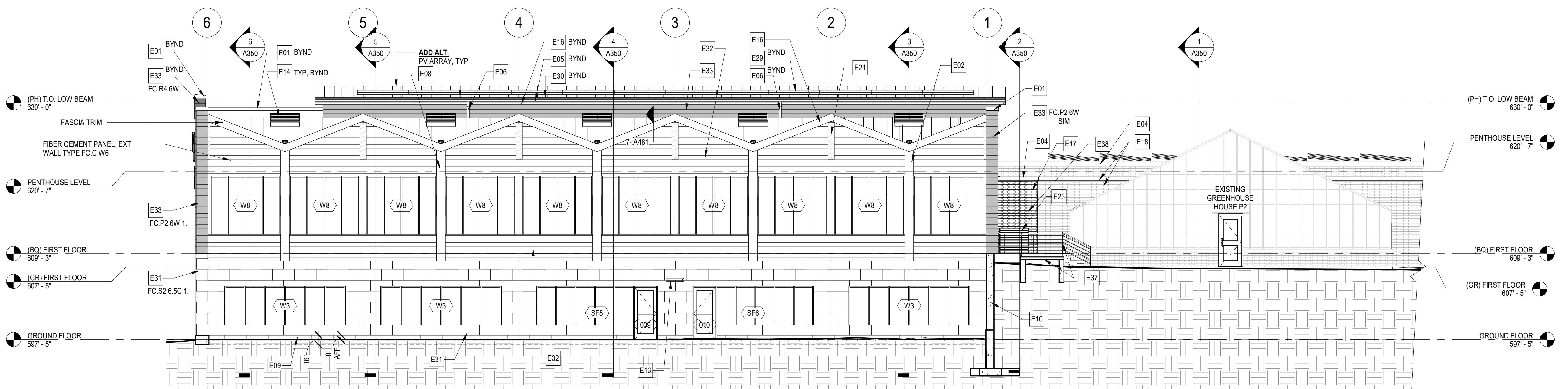
3 EXTERIOR ELEVATION - EAST

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



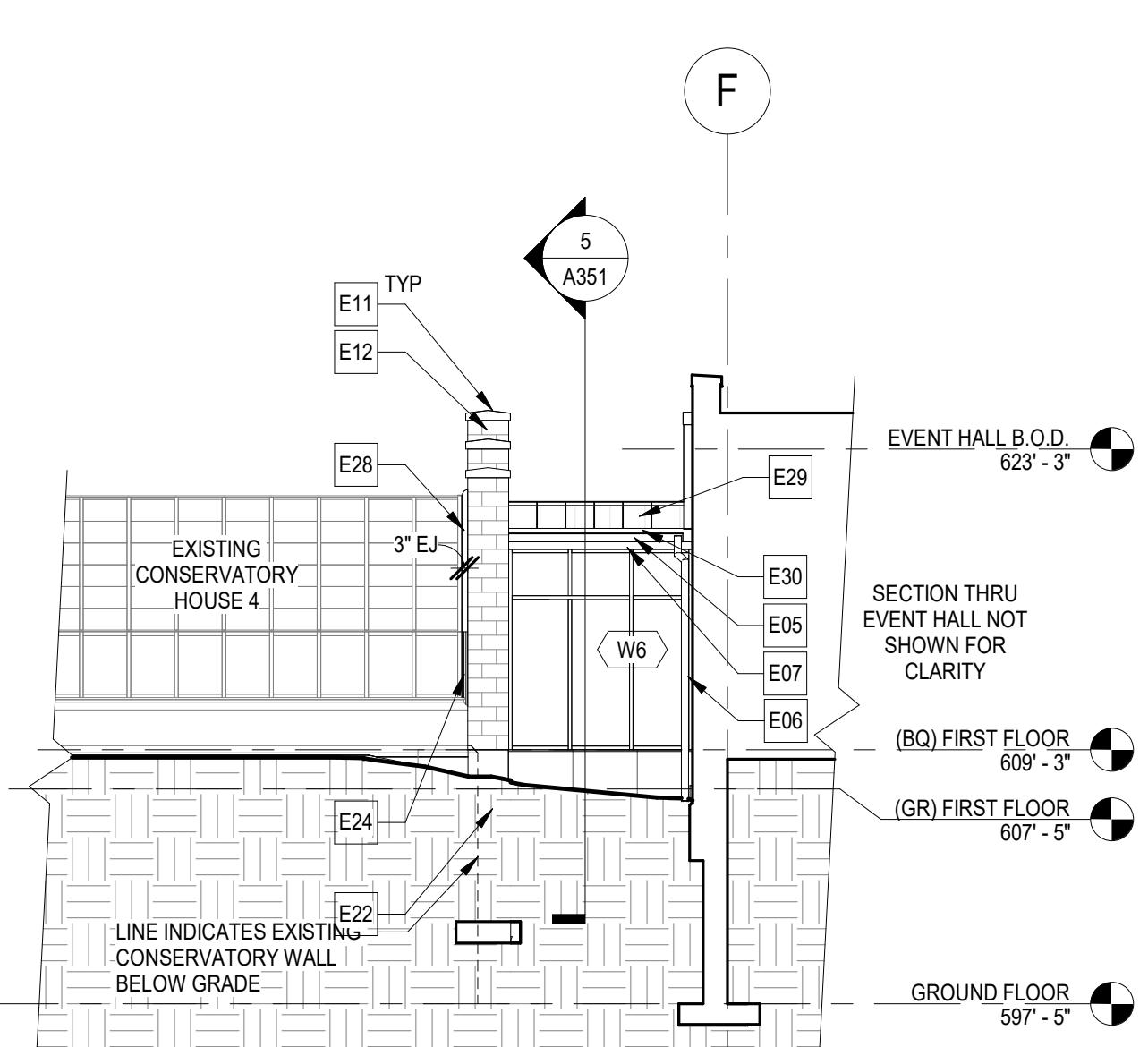
4 EXTERIOR ELEVATION - SOUTHEAST

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



5 EXTERIOR ELEVATION - WEST

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



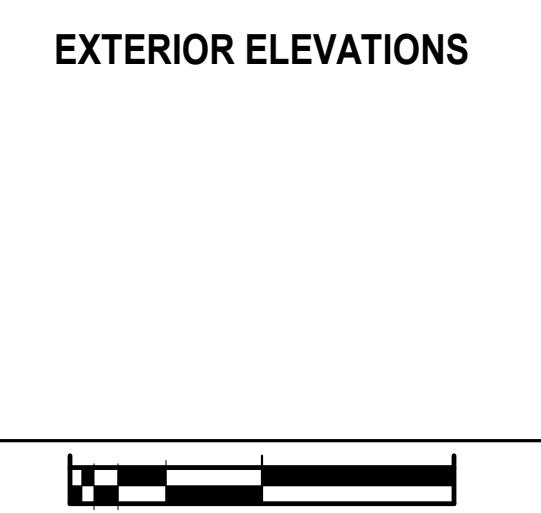
6 EXTERIOR ELEVATION - NORTHWEST

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

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| 2 | Addendum 2 | 03/06/2025 |
| 0 | ISSUE FOR BID | 02/18/2025 |
| NO. | REVISIONS | DATE |
| | | |
| DWG. TITLE | | |

EXTERIOR ELEVATIONS



DATE 02/18/2025

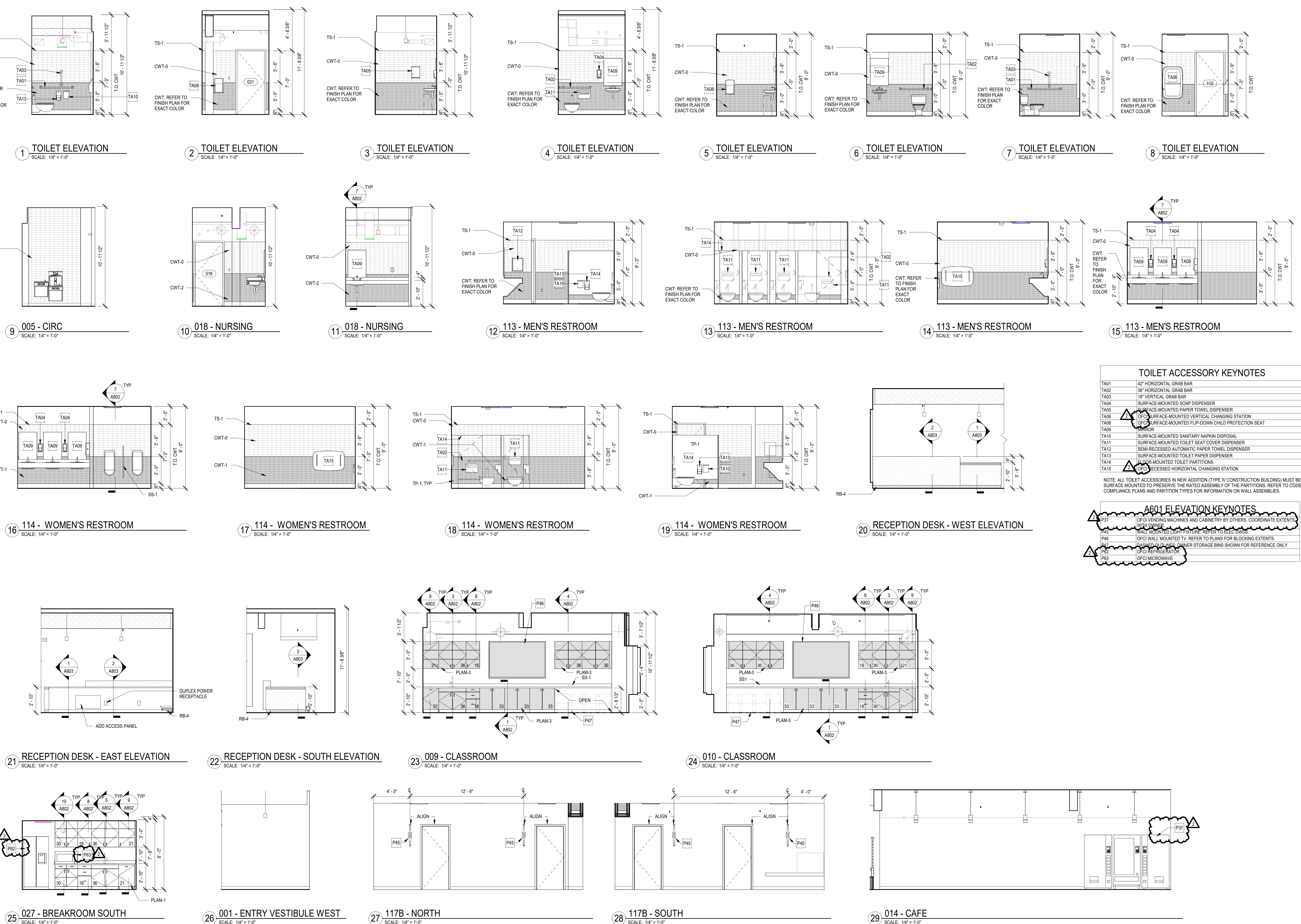
SCALE As indicated

DWG. SSS CHK. SRN

PROJ. No. 605802

DWG. No.

A301


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 | 24" SURFACE-MOUNTED VERTICAL CHANGING STATION |
| TA07 | 18" SURFACE-MOUNTED FLIP-DOWN CHILD PROTECTION SEAT |
| TA08 | TOILET |
| TA09 | SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL |
| TA10 | SURFACE-MOUNTED TOILET SEAT COVER DISPENSER |
| TA11 | SEMI-RECESSED AUTOMATIC PAPER TOWEL DISPENSER |
| TA12 | SURFACE-MOUNTED TOILET PAPER DISPENSER |
| TA13 | DOOR-MOUNTED TOILET PARTITIONS |
| TA14 | DOOR-MOUNTED HORIZONTAL CHANGING STATION |

NOTE: ALL TOILET ACCESSORIES IN NEW ADDITION (TYPE IV 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 | OFO VENDING MACHINES AND CABINETS BY OTHERS. COORDINATE EXTENTS. |
| P38 | OFO COUNTER TOPS, LIGHT FIXTURE, REFER TO ELEC. WORKS. |
| P45 | OFO WALL MOUNTED TV. REFER TO PLANS FOR BLOCKING EXTENTS. |
| P47 | DASHED OUTLINE, COUNTER STORAGE BINS SHOWN FOR REFERENCE ONLY. |
| P52 | OFO REFRIGERATOR. |
| P63 | OFO MICROWAVE. |

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| 2 | Addendum 2 | 03/06/2025 |
| 0 | ISSUE FOR BID | 02/18/2025 |
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| DWG. TITLE | | |
| | | |

INTERIOR ELEVATIONS

| | |
|------------------|--|
| 0 | GENERIC SCALE BAR |
| | SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. |
| | IF NOT TWO INCHES IN THIS SHEET, ADJUST ACCORDINGLY. |
| DATE | 02/18/2025 |
| SCALE | 1/4" = 1'-0" |
| DWG. SSS | |
| PROJ. No. 605802 | |
| DWG. No. | |

FINISHES KEYNOTES

P16 CERAMIC WALL TILE BEHIND WATER FOUNTAIN. REFER TO INTERIOR ELEVATIONS FOR EXTENT AND TYPE.
 P20 DETERMINE EXPOSED CONCRETE FLOOR TO REMAIN CLEAN AND REPAIR MINOR SPALLING THROUGHOUT. PREP FOR NEW WALL BASE WHERE REQUIRED.
 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 GIULIAN 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 F4 IN 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 FINISHES:

1. VCT FLOORING IS TO BE RUN IN A MONOLITHIC PATTERN.
2. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE VINYL REDUCER STRIPS BETWEEN CARPET AND VINYL FLOORING. STRIPS SHOULD BE CENTERED UNDER DOORS. COLOR TO BE SELECTED BY ARCHITECT.
4. CARPET SEAMING TO BE COORDINATED FOR PROPER MATCHING OF CARPET PATTERNS.
5. CONTRACTOR TO CORRECTLY TREAT ALL SEAM AND EDGES ACCORDING TO MANUFACTURER'S 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.
6. CONTRACTOR TO COORDINATE ALL DOOR SWINGS WITH FLOOR MATERIAL FOR FREE AND CLEAR SWING.
7. CONTRACTOR TO FLASH PATCH ALL FLOORS AS REQUIRED TO SATISFY ALL ASSEMBLY AND INSTALLATION REQUIREMENTS.

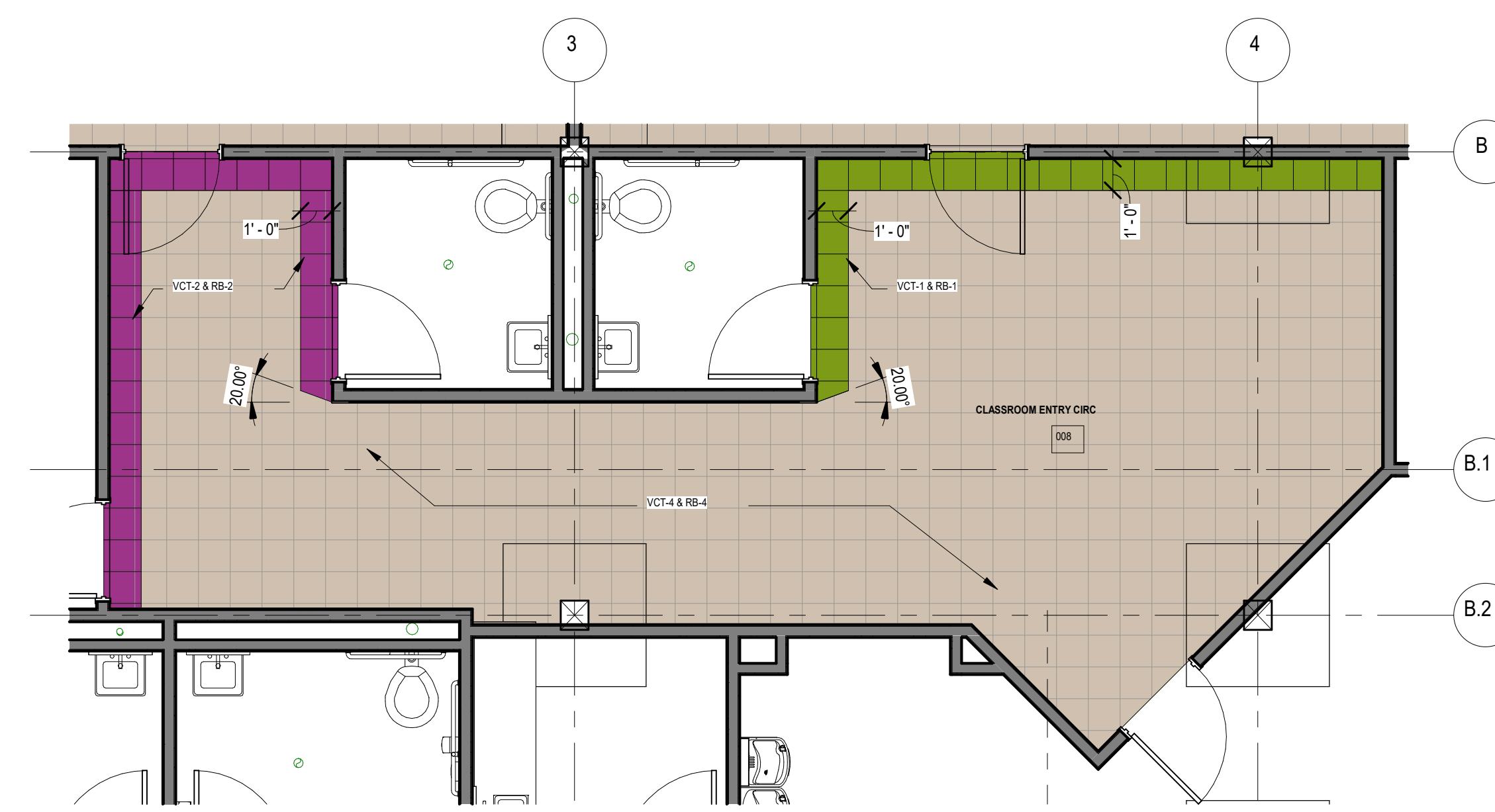
8. CLEAN ALL GLUE FROM VCT FLOORING INSTALLATION AND PROVIDE ONE COAT OF MANUFACTURER'S APPROVED POLISHED WAX FINISH. FLASH PATCH AT ALL TRANSITIONS.
9. CARPET TO TILE TRANSITION STRIP - SCHLUTER EDGE STRIP. TRANSITION STRIP TO MATCH TILE HEIGHT.

10. ALL GROUT TO BE EPOXY BASED (NOT CEMENT BASED) UNLESS OTHERWISE NOTED.
11. ALL VINYL WALL BASE SHALL BE PROVIDED IN CONTINUOUS RUNS.

WALL FINISHES:

1. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
2. ALL EXTERIOR 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.

3. 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.
4. REFER TO SIGNAGE KEYNOTES ON SHEET A201 FOR REQUIRED SIGNAGE TYPES AND LOCATIONS.



| FINISHES KEYNOTES | |
|-------------------|--|
| P14 | PROVIDE EXPANSION JOINT COVER EJC-1. SEE SHEET A652 FOR TYPE. |
| P16 | CERAMIC WALL TILE BEHIND WATER FOUNTAIN. REFER TO INTERIOR ELEVATIONS FOR EXTERIOR WALL FINISHES. |
| P21 | PROVIDE 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. |

GENERAL FINISH NOTES:

REFER TO SHEET A652 FOR BASIS OF DESIGN FINISH SPECIFICATIONS.

FLOOR FINISH NOTES:

1. VCT FLOORING IS TO BE RUN IN A MONOLITHIC PATTERN.
2. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
3. PROVIDE VINYL REDUCER STRIPS BETWEEN CARPET AND VINYL FLOORING. STRIPS SHOULD BE CENTERED UNDER DOORS; COLOR TO BE SELECTED BY ARCHITECT.
4. CARPET SEAMING TO BE COORDINATED FOR PROPER MATCHING OF CARPET PATTERNS.
5. 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.
6. CONTRACTOR TO COORDINATE ALL DOOR SWINGS WITH FLOOR MATERIAL FOR FREE AND CLEAR SWING.
7. CONTRACTOR TO FLASH PATCH ALL FLOORS AS REQUIRED TO SATISFY ALL ASSEMBLY AND INSTALLATION REQUIREMENTS.
8. CLEAN ALL GLUE FROM VCT FLOORING INSTALLATION AND PROVIDE ONE COAT OF MANUFACTURER'S APPROVED POLISHED WAX FINISH. FLASH PATCH AT ALL TRANSITIONS.
9. CARPET TO TILE TRANSITION STRIP - SCHLUTER EDGE STRIP. TRANSITION STRIP TO MATCH TILE HEIGHT.
10. ALL GROUT TO BE EPOXY BASED (NOT CEMENT BASED) UNLESS OTHERWISE NOTED.
11. ALL VINYL WALL BASE SHALL BE PROVIDED IN CONTINUOUS RUNS.

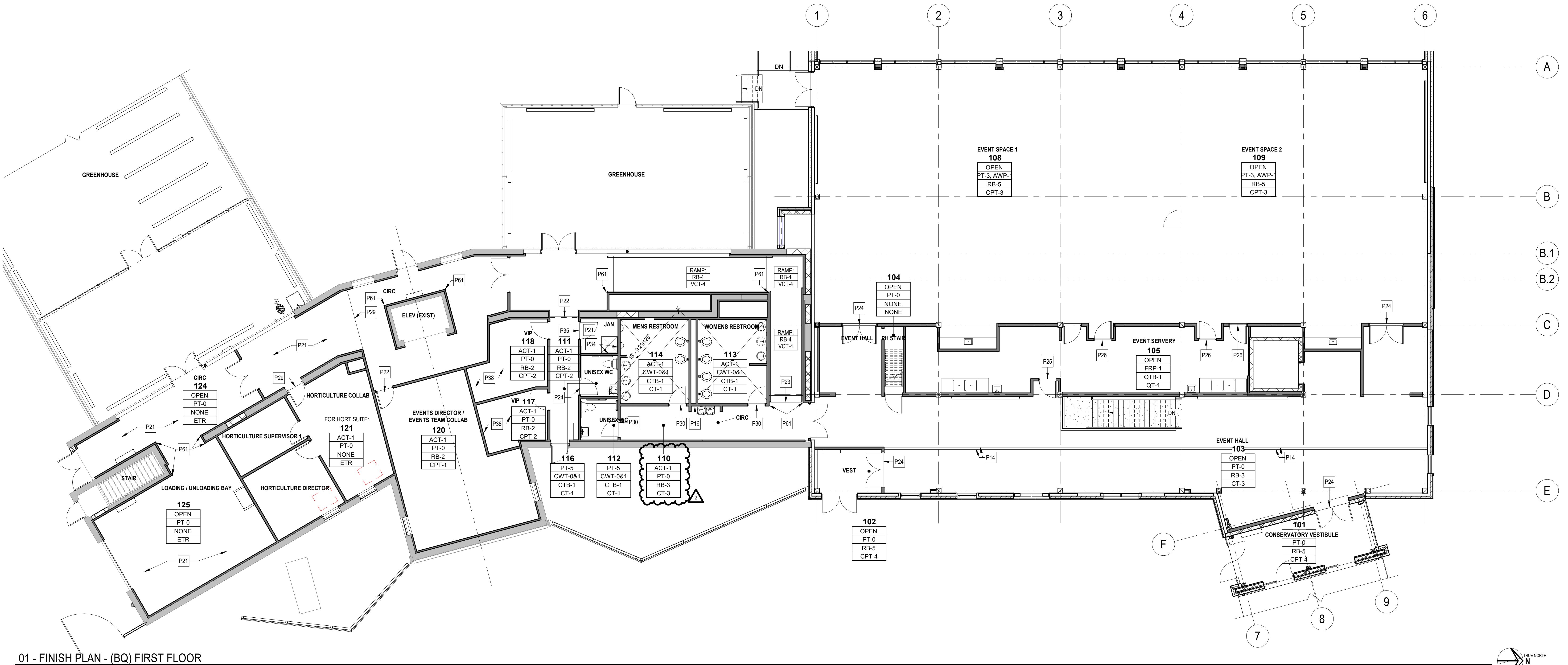
WALL FINISH NOTES:

1. ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURERS' RECOMMENDATIONS.
2. 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.
3. 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.
4. 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



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| 2 | Addendum 2 | 03/06/2025 |
| 0 | ISSUE FOR BID | 03/06/2025 |
| NO. | REVISIONS | DATE |

FINISH PLAN - FIRST FLOOR

| | |
|-----------|-------------------|
| 0 | GENERIC SCALE BAR |
| 2' | |
| SCALE | As indicated |
| DWY. | SSS |
| PROJ. No. | 605802 |
| DWG. No. | |

| BASIS OF DESIGN FINISH SPECIFICATIONS | | | | | | | | | | | | | |
|---------------------------------------|--------------------|--|-----------------|-----------------|-----------------|---------------------------------|-----------|--------------------|--|------------------|------------|-------|--|
| DESIGNATION | MFR | STYLE | STYLE # | COLOR | COLOR # | INSTALL PATTERN | TYPE | FINISH | DESCRIPTION | HEIGHT | LENGTH | WIDTH | |
| ELEVATOR FINISHES | | | | | | | | | ELEVATOR DOOR AND FRAME FINISH | | | | |
| E-PC | BY ELEVATOR MANUF. | POWDER COAT | | PRairie GRASS | F-128 | INSTALL IN VERTICAL ORIENTATION | | ANTIMICROBIAL | INTERIOR CAB PANEL | | | | |
| E-WP | BY ELEVATOR MANUF. | WALL PANEL | | NEUTRAL TWILL | 8826 | | | MATTE | | | | | |
| EXTERIOR - FIBER CEMENT CLADDING | | | | | | | | | REF EXTERIOR ELEVATIONS SHEETS A301-A302 | | | | |
| FCP-TYPE C | NICHIA | VINTAGEWOOD | | CEDAR | | | | | REF EXTERIOR ELEVATIONS SHEETS A301-A302 | | | | |
| FCP-TYPE P | NICHIA | VINTAGEWOOD | | POPLAR | | | | | REF EXTERIOR ELEVATIONS SHEETS A301-A302 | | | | |
| FCP-TYPE R | NICHIA | VINTAGEWOOD | | REDWOOD | | | | | REF EXTERIOR ELEVATIONS SHEETS A301-A302 | | | | |
| FCP-TYPE S | NICHIA | SANDSTONE | | DESERT | | | | | REF EXTERIOR ELEVATIONS SHEETS A301-A302 | | | | |
| EXTERIOR CLADDING | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| FLOORING | | | | | | | | | REF ARCHITECTURAL SPECS | | | | |
| CONC-1 | SCHLUTER SYSTEMS | POLISHED CONCRETE | | ALUMINUM | BRONZE | | | | TRANSITION AT STAIR TREAD | 8MM (5/16 IN) | | | |
| TS-2 | | | | | | | | | | | | | |
| 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 | JH FLOORING | KINETEX TRIPLEX II | 1852 | FIGURES | 2595 | ASHLAR | - | - | EVENT SPACE FLOORING | 0.205 IN | 24 IN | 24 IN | |
| CPT-4 | FORBO | CORAL DUO WALKOFF CARPET SQUARES | | BLACK DIAMOND | 9730 | STACKED BOND | - | - | VESTIBULES | 20 IN | 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 | - | RISER 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 | P06C9 | RIVERBED | IN43 | - | - | - | WALL BASE WITH CT-1 | 6 IN | 12 IN | - | |
| QT-1, QTB-1 | DALTILE | QUARRY TILE | QUARRY | ARID GRAY | 0Q42(2) | STACK BOND | QUARRY | - | EVENT SERVERY: USE GTB-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 | - | - | - | CARROTS, BREAK ROOM | 1/8 IN | 12 IN | 12 IN | |
| GROUT | | | | | | | | | | | | | |
| GT-0 | MAPEI | ULTRACOLOR PLUS FA | | BISCUIT | 14 | | | | USE WITH CNT | | | | |
| GT-1 | MAPEI | ULTRACOLOR PLUS FA | | PENTWTER | 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 | - | - | TAOS GREEN | SW 6242 | - | LATEX | EG-SHELL | FIELD PAINT ALL WALLS | - | - | - | |
| PT-2 | SHERWIN WILLIAMS | - | - | MATTE GRAPE | SW 6266 | - | LATEX | EG-SHELL | PURPLE ACCENT WALLS | - | - | - | |
| PT-3 | SHERWIN WILLIAMS | - | - | UTALIPEA | SW 6088 | - | LATEX | EG-SHELL | EVENT SPACE ACCENT WALLS | - | - | - | |
| PT-4 | SHERWIN WILLIAMS | - | - | GOLDEN PLUMERIA | SW 9019 | - | LATEX | EG-SHELL | YELLOW ACCENT WALL | - | - | - | |
| 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 | - | - | PARKAET | SW 6711 | - | LATEX | EG-SHELL | ACCENT WALL IN GROUND FLOOR CIRC | - | - | - | |
| PT-8 | SHERWIN WILLIAMS | - | - | PARKAET | 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 WC-1 | - | - | - | |
| PT-10 | SHERWIN WILLIAMS | - | - | GREEK VILLA | SW 7551 | - | LATEX | SEMI-GLOSS | TRIM & DOOR FRAMES TO MATCH HOST WALL | - | - | - | |
| PT-11 | SHERWIN WILLIAMS | - | - | TANSTY GREEN | SW 6424 | - | LATEX | SEMI-GLOSS | TRIM & DOOR FRAMES TO MATCH HOST WALL | - | - | - | |
| PT-12 | SHERWIN WILLIAMS | - | - | MATTE GRAPE | SW 6266 | - | LATEX | SEMI-GLOSS | TRIM & DOOR FRAMES TO MATCH HOST WALL | - | - | - | |
| PT-13 | SHERWIN WILLIAMS | - | - | GREEK VILLA | SW 7551 | - | LATEX | FLAT | CEILINGS | - | - | - | |
| PT-14 | SCHUFMASTER | METALLI-COAT 2000 AND ULTRA-CLEAR TOPCOAT | | SOLID METAL | TBD | - | | 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-1, CPT-1, CPT-2 | 4 IN | CONTINUOUS | - | |
| RB-4 | TARKETT | BASEWORKS THERMOSET RUBBER (TYPE TS) W/TOE | - | PEBBLE WG | 32 | - | RUBBER | - | USE WITH CNT, CONG-1 | 4 IN | CONTINUOUS | - | |
| RB-5 | TARKETT | BASEWORKS THERMOSET RUBBER (TYPE TS) W/TOE | - | BURNT UMBER | 63 | - | RUBBER | - | USE WITH CPT-3, CPT-4 | 4 IN | CONTINUOUS | - | |
| ROLLER SUNSHADES | | | | | | | | | | | | | |
| RS-1 | MECHOSHADE | MECHOSK | 3% OPENNESS | LIGHT GRAY | 1683 | | | | SUNSHADE FOR EVENT SPACES AND EVENT HALL, REF DETAIL 6/A451, 14/A922 | | | | |
| SOLID SURFACE | | | | | | | | | | | | | |
| SSM-1 | CORIAN | HI-MACS CLASSIC | - | 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)</td | | | | | | | | |

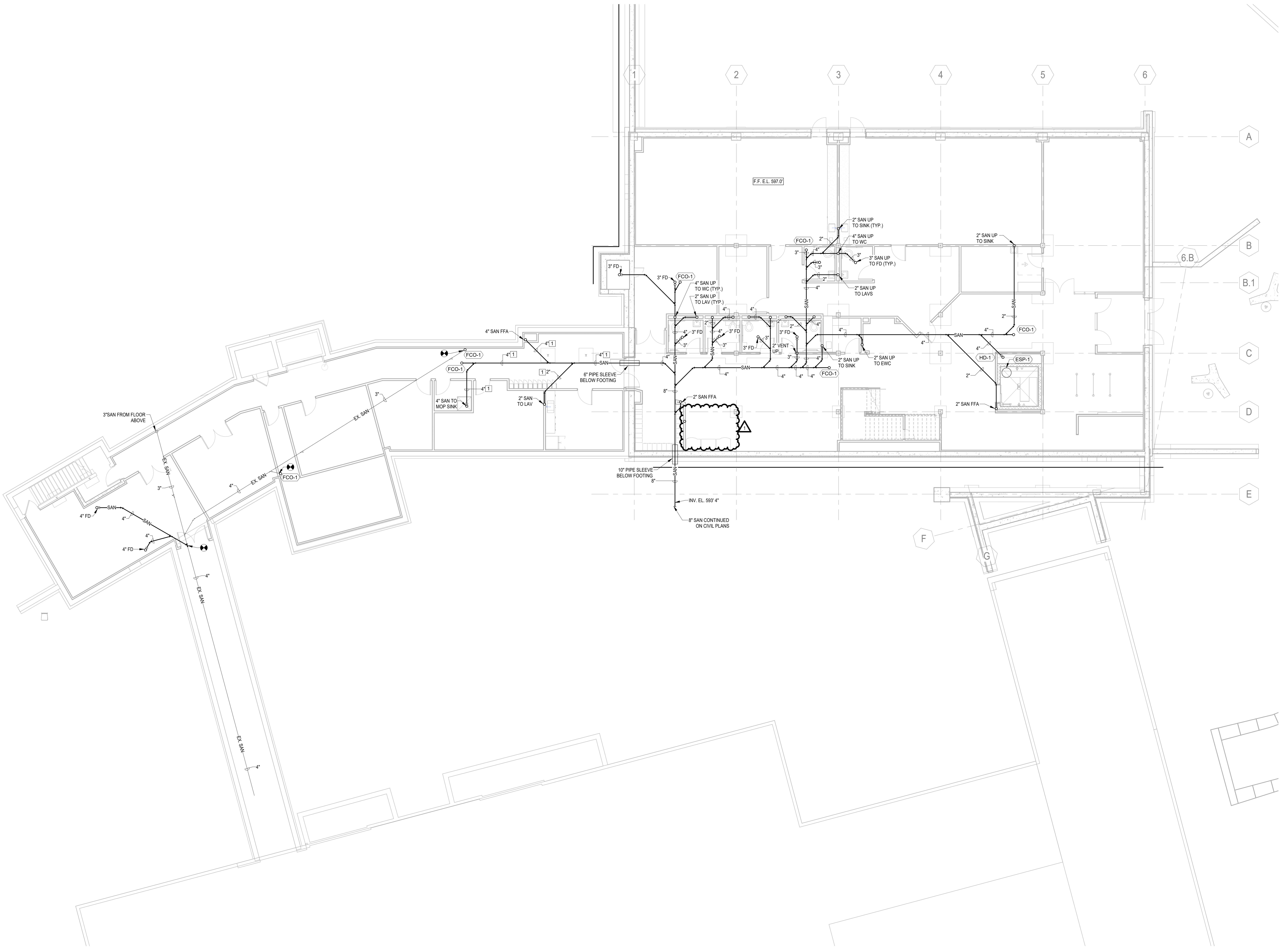


Buffalo And Erie County Botanical Gardens Addition ISSUED FOR BID



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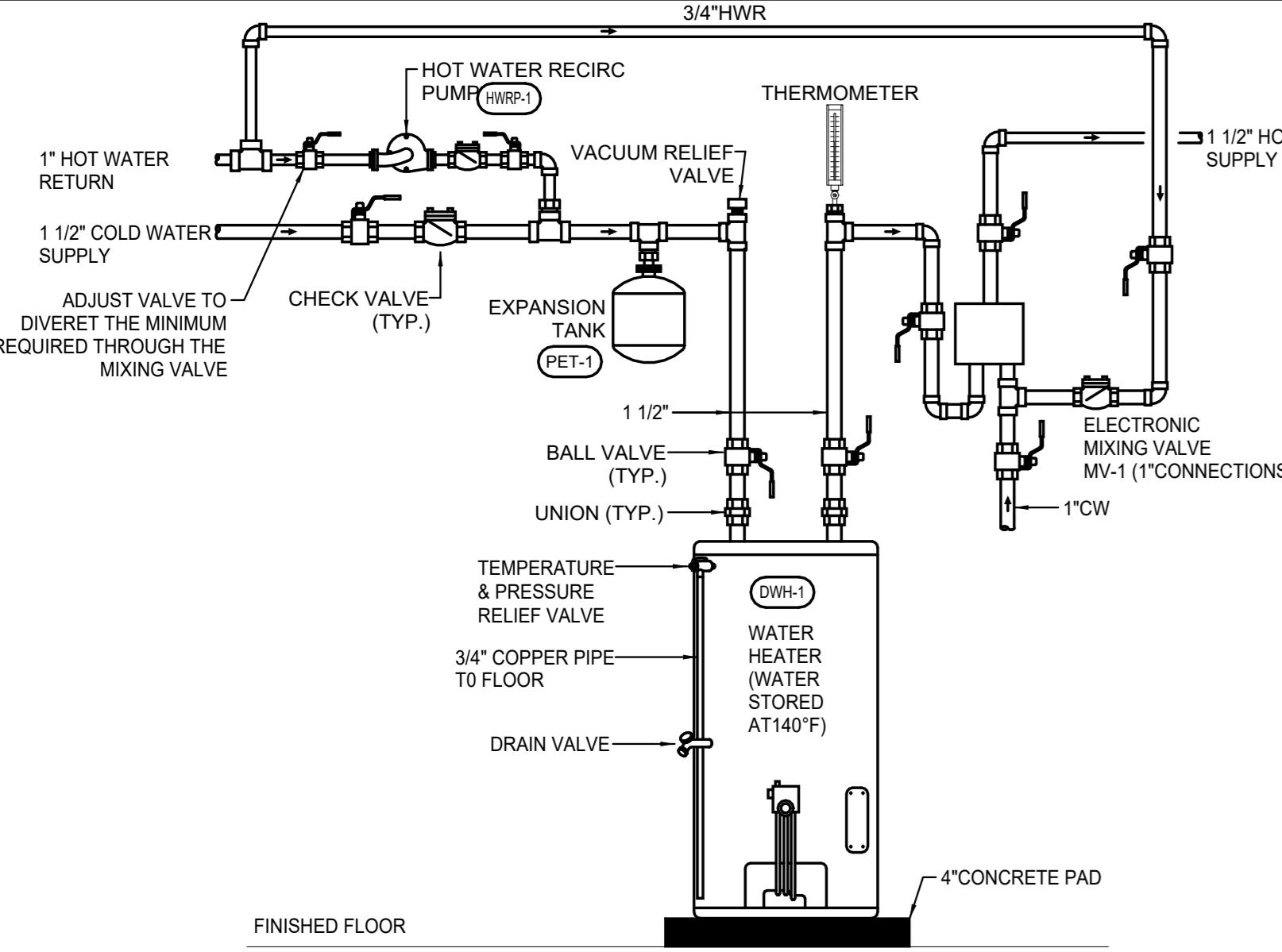
bucholz mcevoy ARCHITECTS



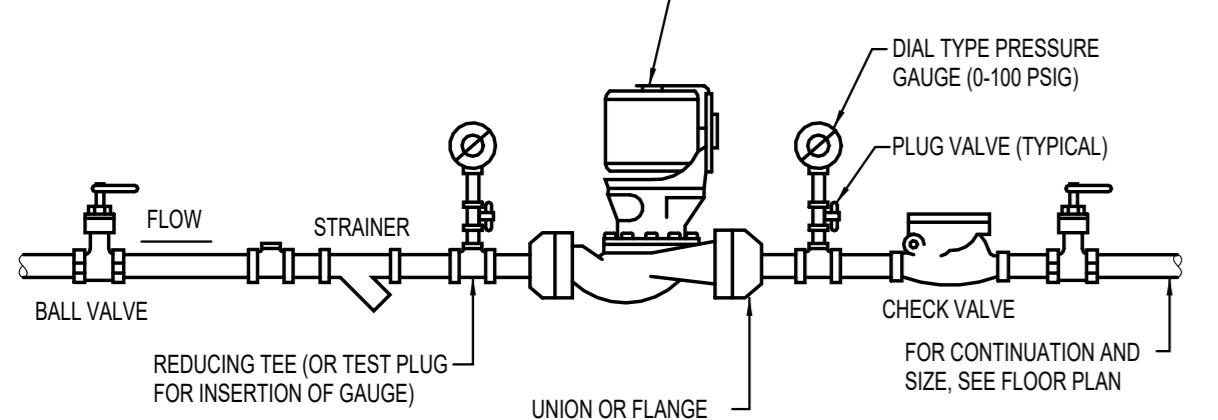
1 **BELLOW GRADE PLUMBING PLAN**

SCALE: 1/8" = 1'

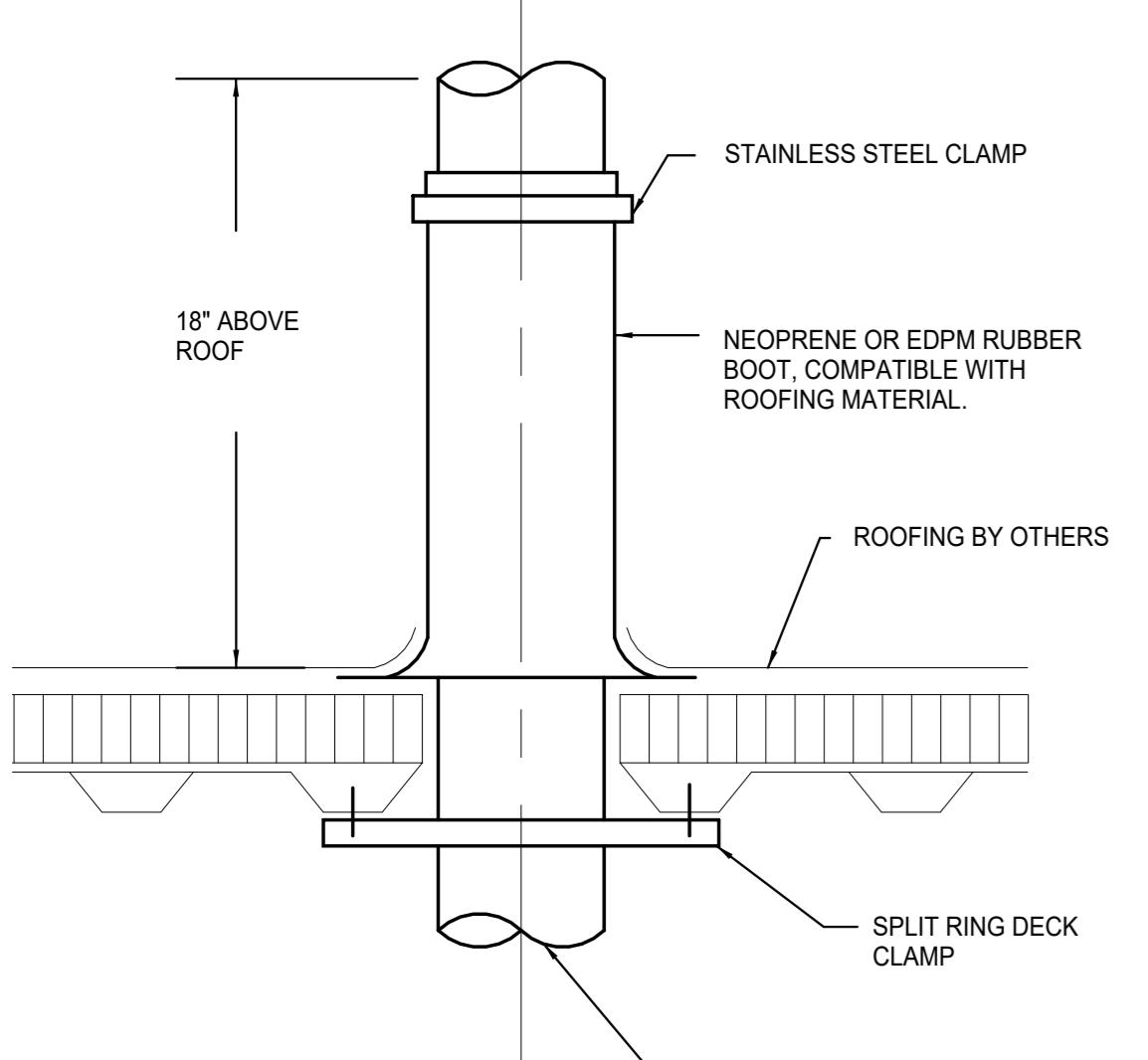
P101


1 ELECTRIC WATER HEATER DETAIL

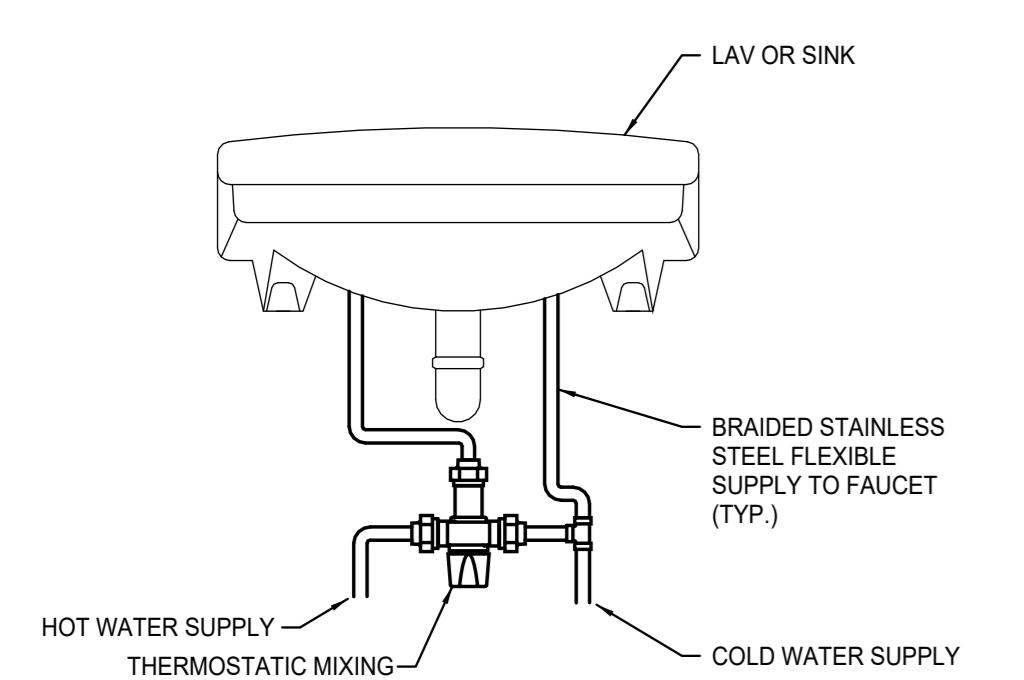
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2 IN-LINE CIRCULATING PUMP DETAIL

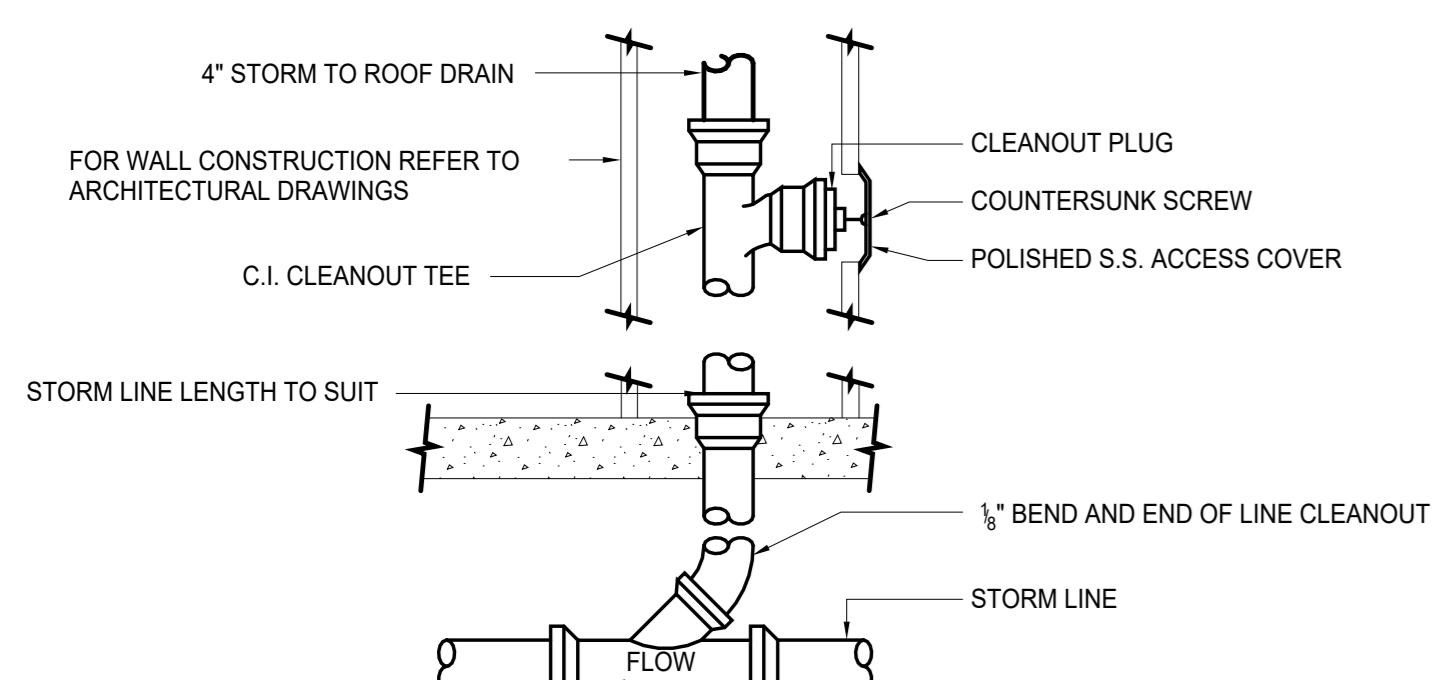
SCALE: NOT TO SCALE


3 VENT/PIPE THRU ROOF DETAIL

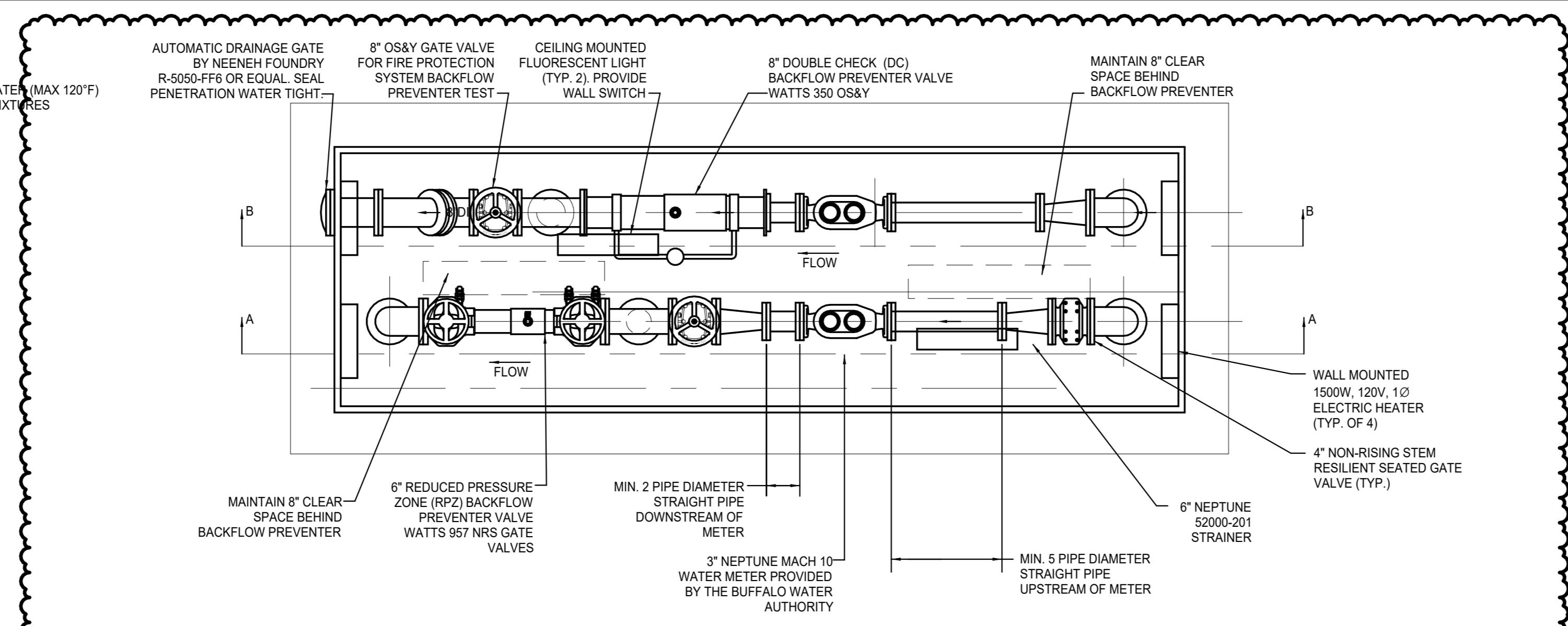
SCALE: NOT TO SCALE


**4 THERMOSTATIC MIXING
VALVE AT HAND SINK DETAIL**

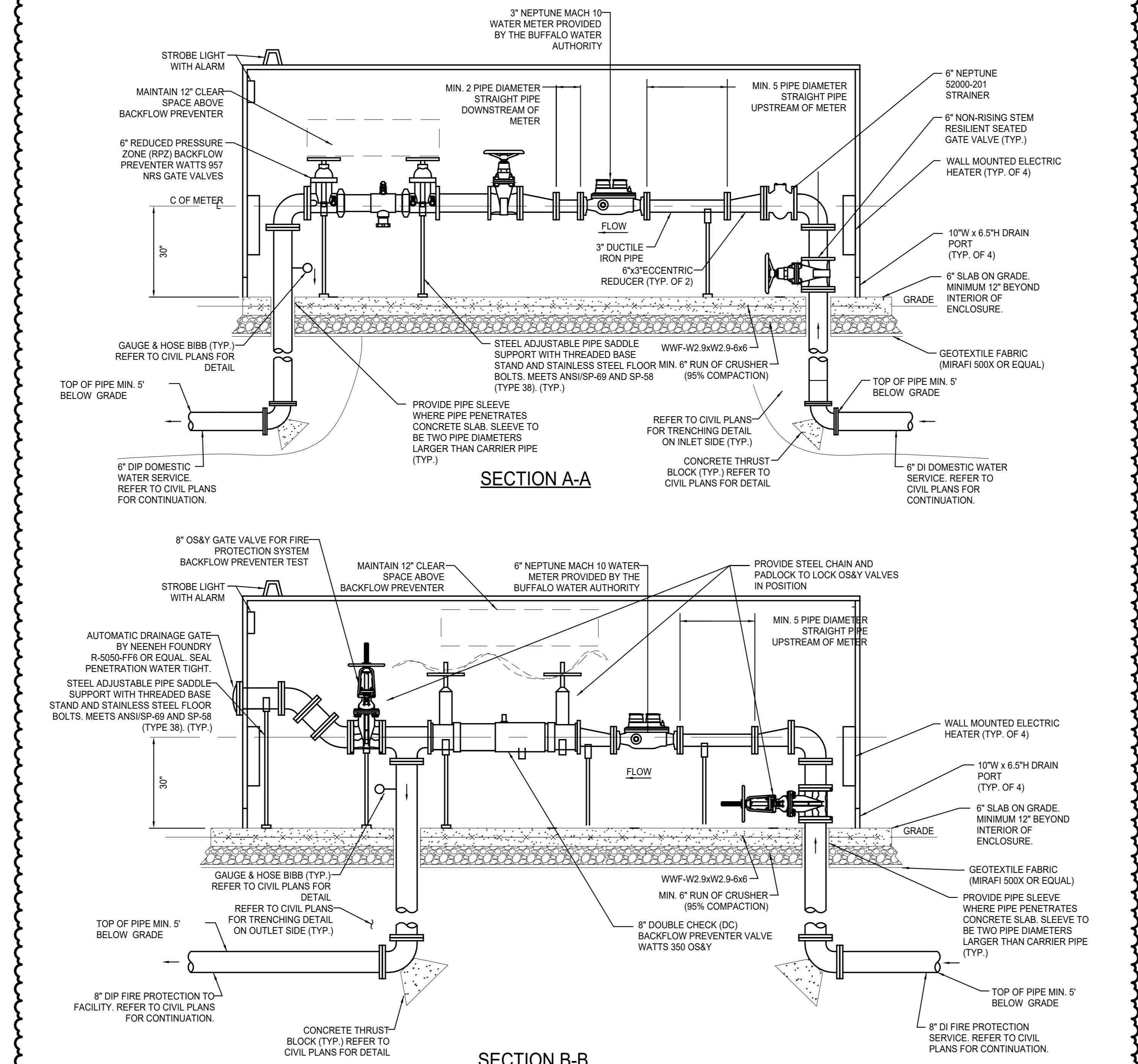
SCALE: NOT TO SCALE


5 STORM PIPING WALL CLEANOUT DETAIL

SCALE: NOT TO SCALE


6 HOT BOX PIPING DETAIL

SCALE: NOT TO SCALE

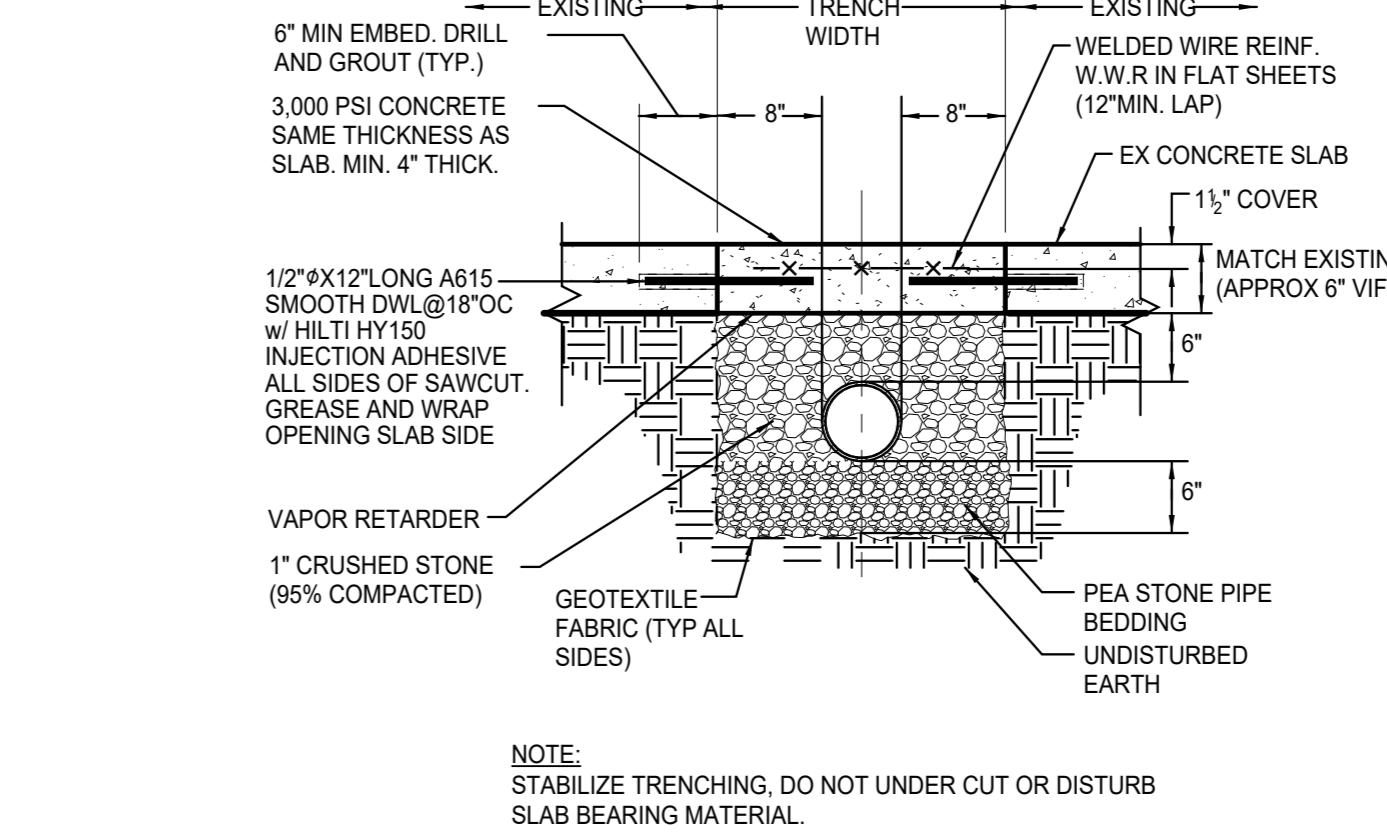

PIPING NOTES:

1. MECHANICAL JOINT FITTINGS SHALL BE RESTRAINED WITH BOTH CONCRETE THRUST BLOCKS AND MECHANICAL WEDGE ACTION RETAINING GLANDS.
2. ALL BOLTS AND NUTS USED FOR BURIED MECHANICAL JOINTS SHALL BE FLUOROCARBON COATED, HIGH STRENGTH, CORROSION RESISTANT, LOW ALLOY STEEL.
3. ALL BURIED PIPING AND FITTINGS SHALL BE BEDDED IN ACCORDANCE TO DETAIL ON CIVIL DRAWINGS.
4. 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.
5. 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.
6. A 6" SPOOL PIECE MAY BE BORROWED FOR INITIAL PIPING INSTALLATION FROM THE CITY OF BUFFALO DIVISION OF WATER PRIOR TO WATER METER INSTALLATION BY THE CITY OF BUFFALO DIVISION OF WATER. THE SPOOL PIECE WILL BE TAKEN BACK BY THE ECWA UPON METER INSTALLATION.

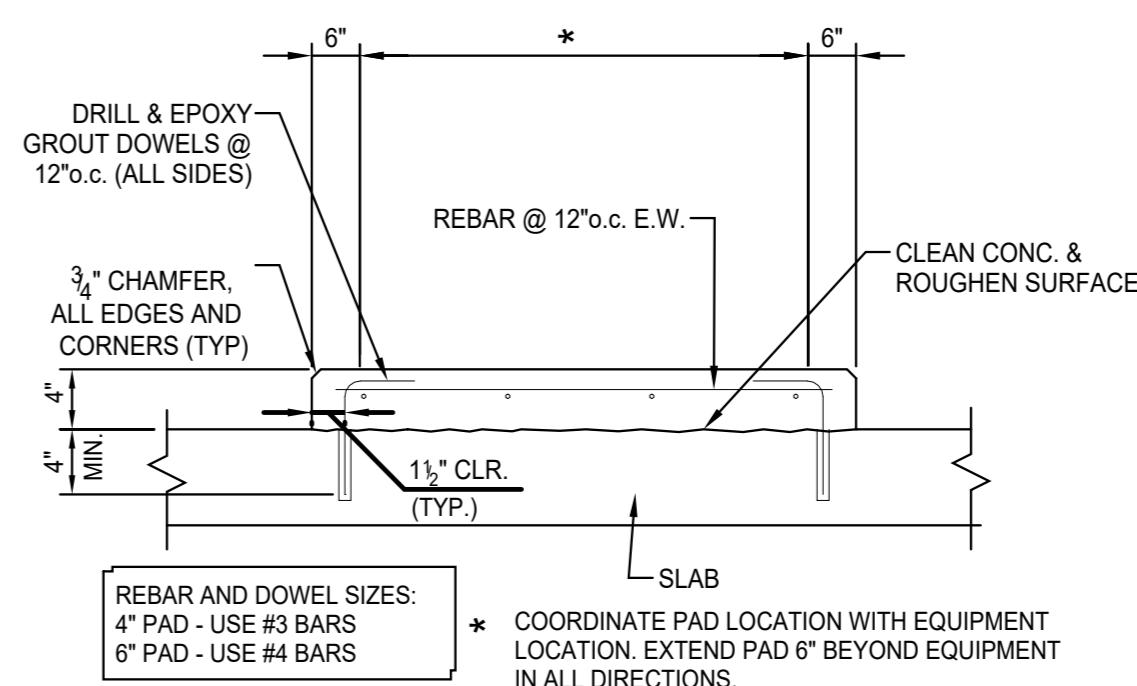
NOTES:
1. MODIFY EXISTING SUPPLY PIPING AS REQUIRED FOR THERMOSTATIC MIXING VALVE INSTALLATION.
2. MOUNT THERMOSTATIC MIXING VALVE AS TIGHT AS POSSIBLE TO UNDERSIDE OF SINK OR LAVATORY AS POSSIBLE TO MAINTAIN ADA CLEARANCE.

FOR WALL CONSTRUCTION REFER TO ARCHITECTURAL DRAWINGS
C.I. CLEANOUT TEE
PROVIDE CUSTOM HUBBELL ALUMINUM HOT BOX ENCLOSURE (OR EQUAL) WITH MINIMUM INTERNAL DIMENSIONS: 607W x 215L x 77H. UNIT SHALL HAVE LOCKABLE INSULATED (R=10) ALUMINUM PROTECTIVE ENCLOSURE WITH ELECTRIC UNIT HEATERS FOR FREEZE PROTECTION TO 40°F WITH AN OUTDOOR TEMPERATURE OF -30°F. PROVIDE REMOVABLE FRONT DOORS ON BOTH SIDES WITH LOCKABLE LIFTING HANDLES. PROVIDE STROBE LIGHT, ALARM, AND LIGHT WITH WALL SWITCH OPTIONS. REFER TO CIVIL PLANS FOR ENCLOSURE LOCATION. CONTRACTOR SHALL PROVIDE CONNECTIONS FOR EQUIPMENT SECURE ENCLOSURE TO CONCRETE AND WITH STAINLESS STEEL HARDWARE AND PER ENCLOSURE MANUFACTURER'S REQUIREMENTS. SEAL JOINTS BETWEEN WALL PANELS AND CONCRETE SLAB WATER TIGHT.

NOTE:
MAINTAIN THE FOLLOWING CLEARANCES AROUND EACH BACKFLOW PREVENTER (BFP):
1. MIN 8" BEHIND EACH BFP.
2. MIN 12" ABOVE EACH BFP.
3. MIN 18" BELOW BFP DRAIN PORT.
4. MIN 30" IN FRONT OF EACH BFP THROUGH THE USE OF REMOVABLE DOORS.


7 TYPICAL INDOOR SLAB PATCH DETAIL

SCALE: NOT TO SCALE



④ 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 DOWNSIZE AT BASEMENT LEVEL. CAP PIPING IN BASEMENT FOR CONNECTION TO NEW WATER SERVICE LINE.
7. REMOVE HOSE BIB AND ALL ASSOCIATED PIPING.

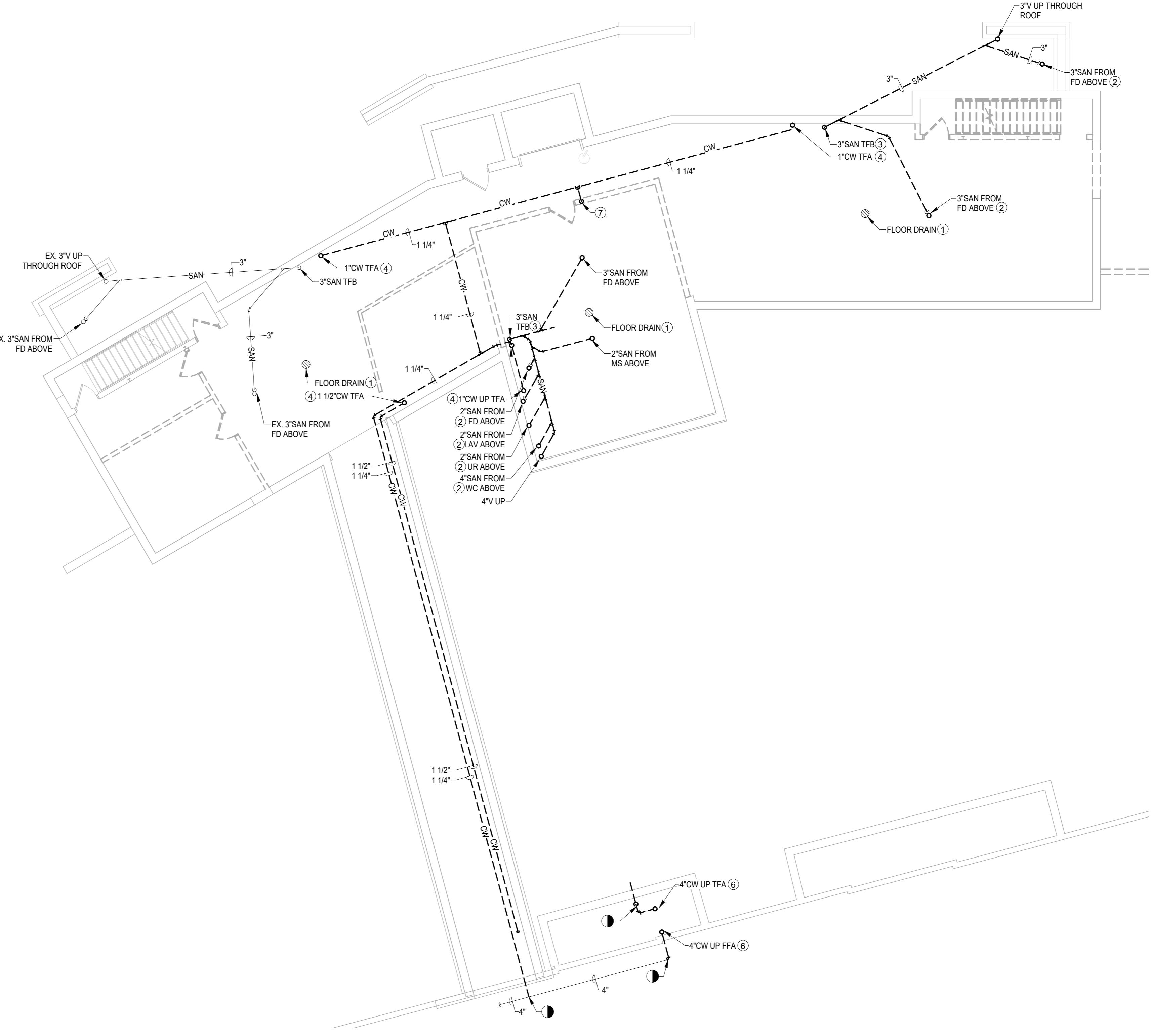
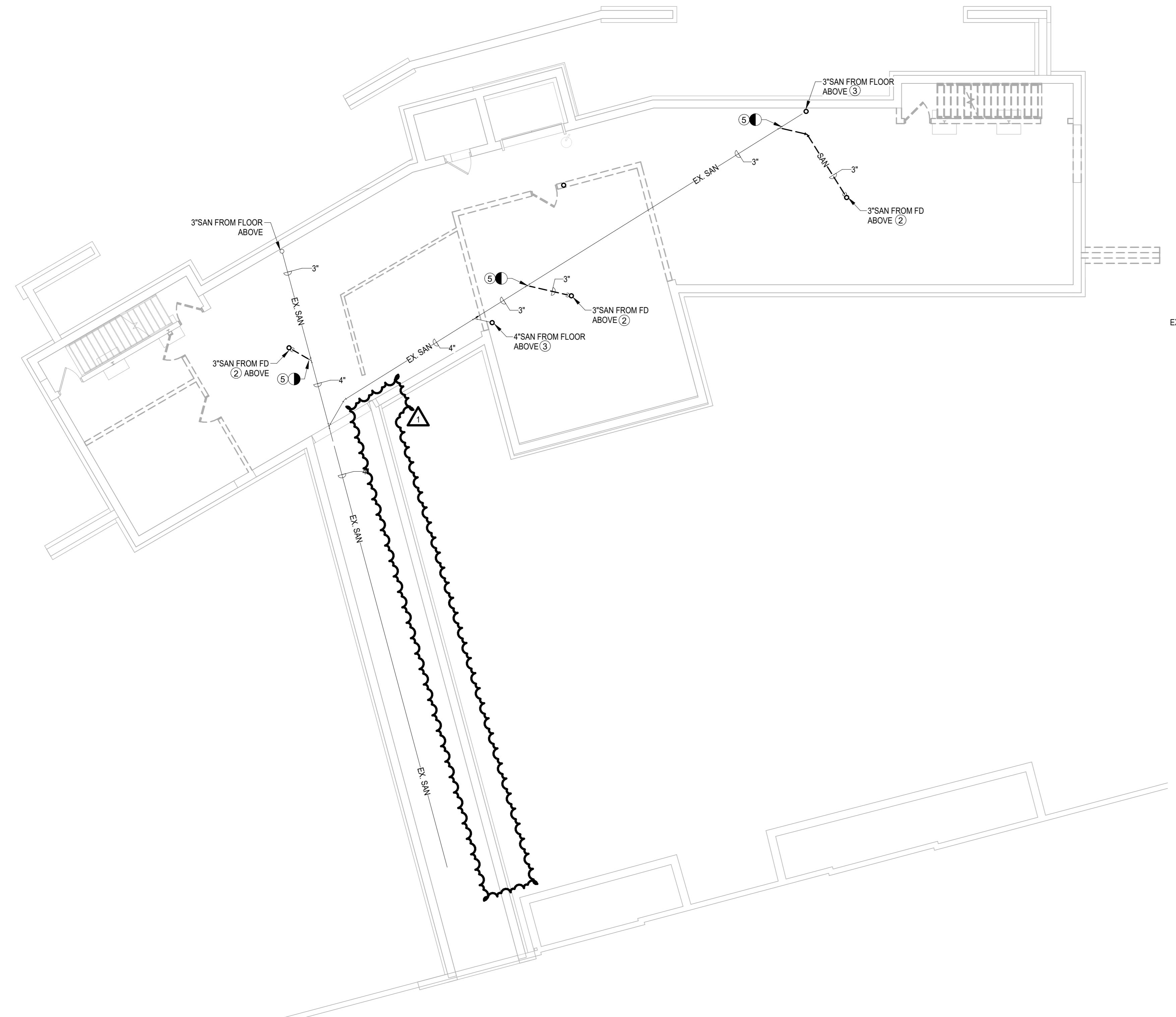
Buffalo And Erie County Botanical
Gardens Addition
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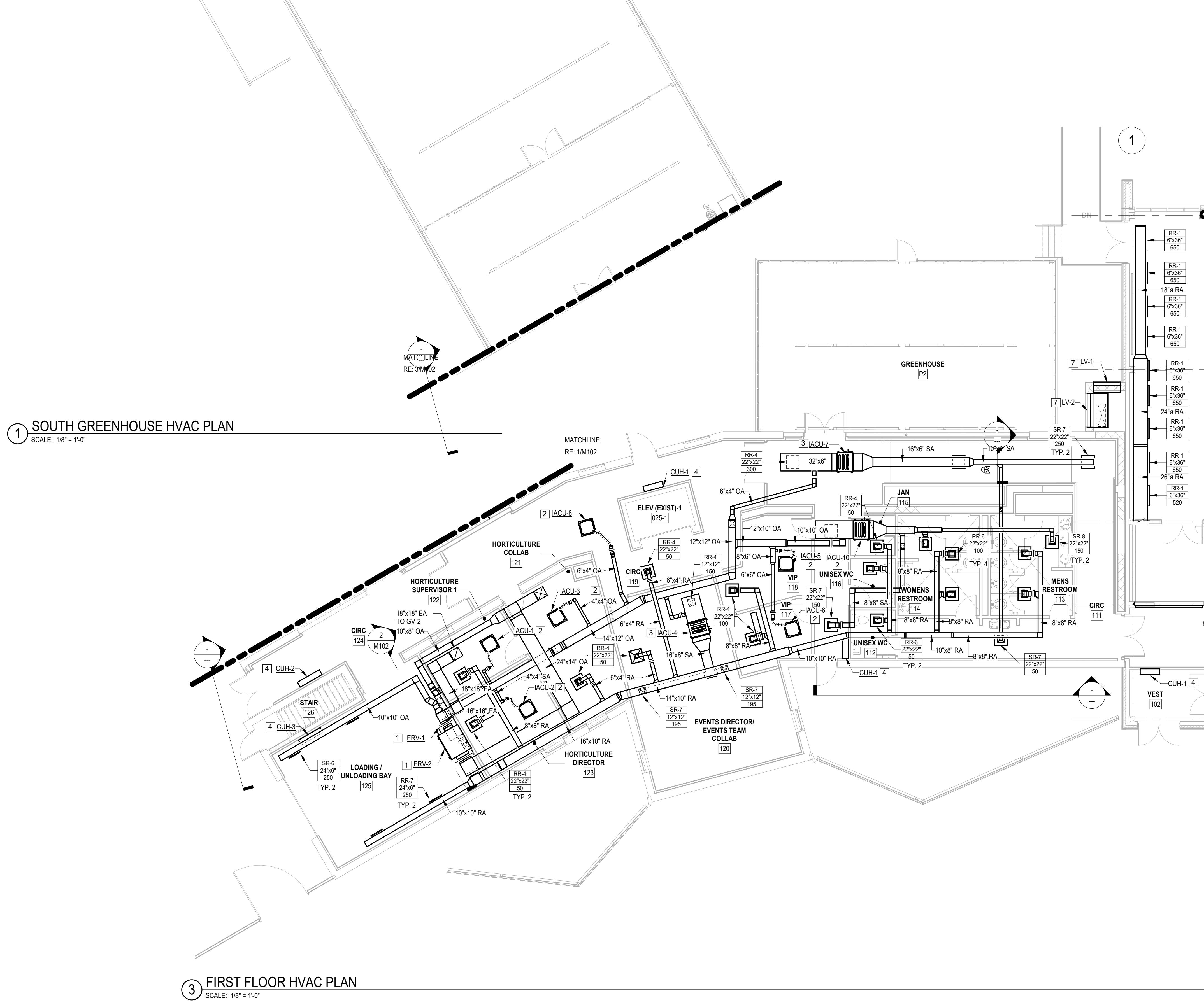
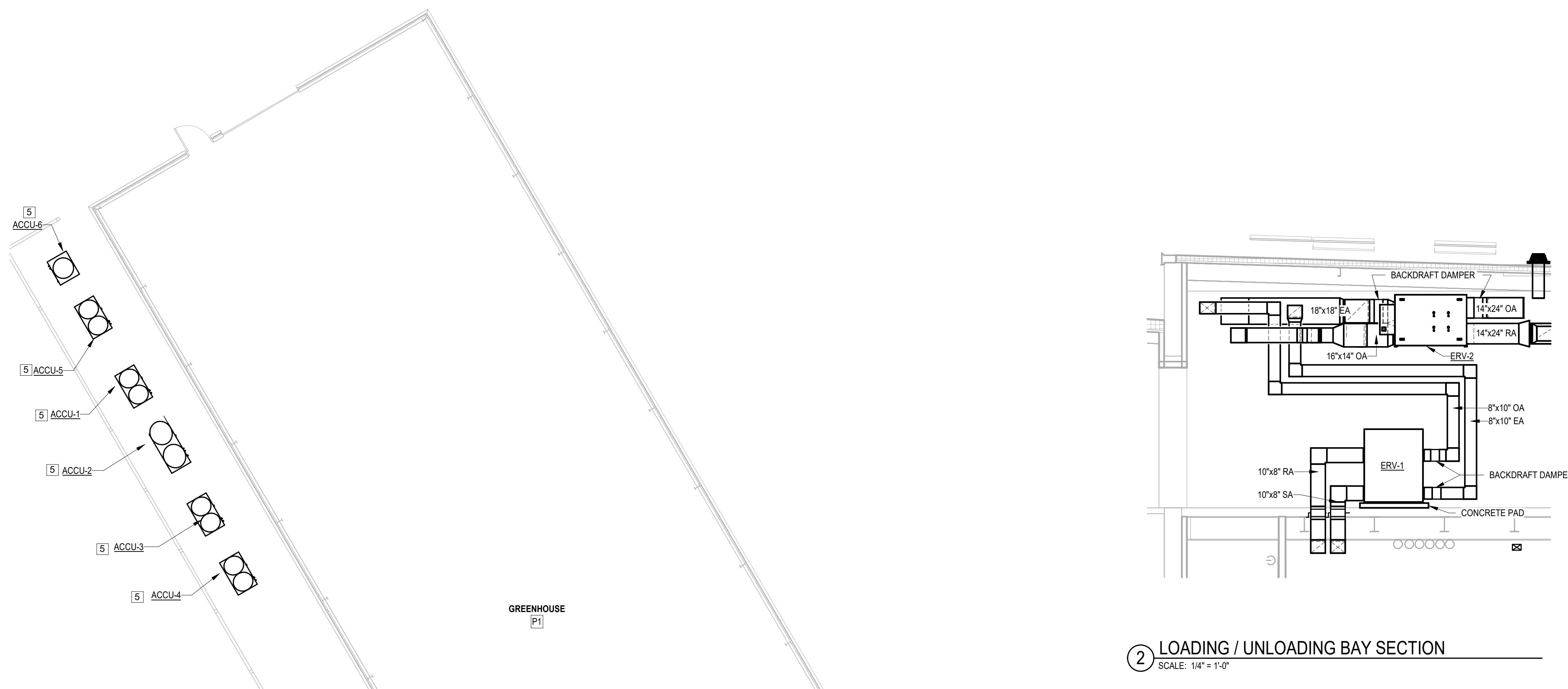
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| 1 ADDENDUM 2 | 03/06/2025 |
| 0 ISSUED FOR BID | 02/18/2025 |
| NO. | REVISIONS |

DWG. TITLE
GROUND FLOOR DEMOLITION
PLAN

| | |
|-----------|--|
| 0 | GENERIC SCALE BAR |
| 1 | SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY |
| DATE | 02/18/2025 |
| SCALE | 1/8" = 1'-0" |
| DWY. | NBN |
| PROJ. No. | 605802 |
| DWG. No. | |

CONSTRUCTION NOTES

1. PROVIDE INDOOR ENERGY RECOVERY UNIT (IACU). 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 DUCTLESS CASSETTE INDOOR AIR CONDITIONING UNIT (IACU) WITH INTEGRAL CONDENSATE LINE 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 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 DRAWINGS 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 M301 FOR ASSOCIATED DETAIL AND DRAWING M301 FOR SCHEDULED CAPACITY. 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.



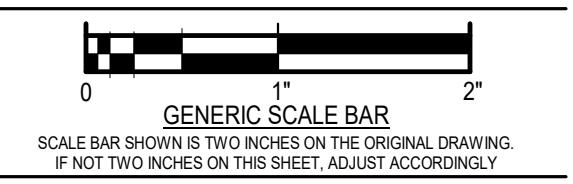
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| 1 ADDENDUM #2 | 3/7/2025 |
| 0 ISSUE FOR BID | 2-18-2025 |
| NO. REVISIONS | DATE |

DWG TITLE

FIRST FLOOR HVAC PLAN



SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.
NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE 2/18/2025

SCALE As indicated

DWG. CJP CHK JTWT

PROJ. No. 605802

DWG. No.

M102

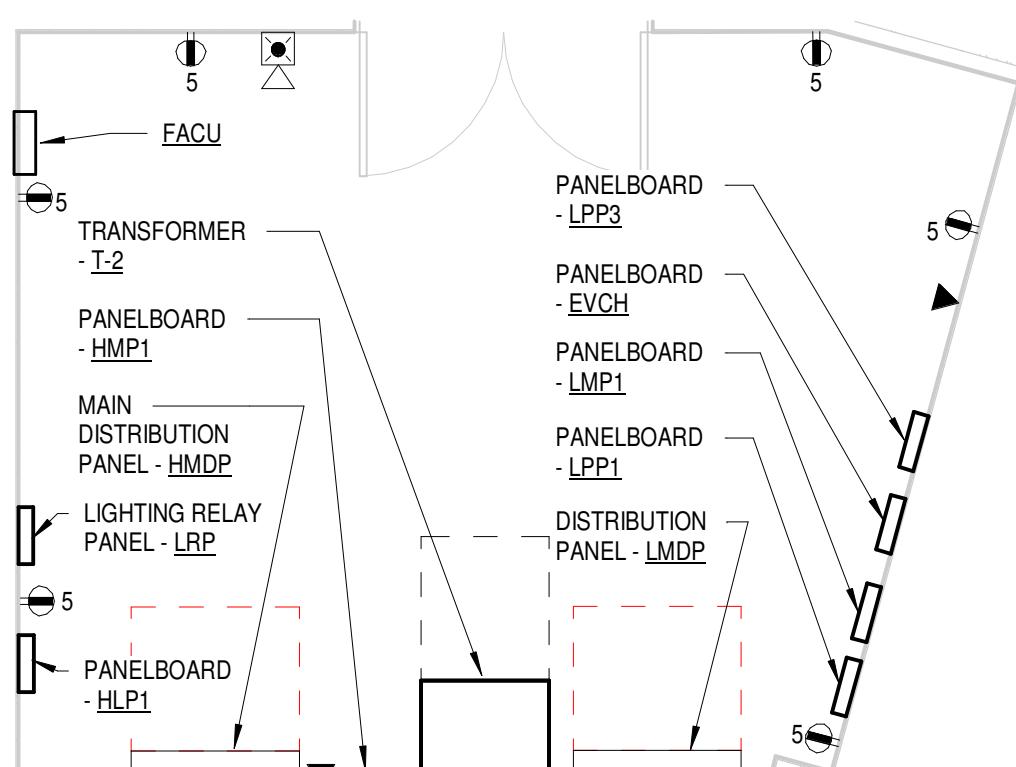


CONSTRUCTION NOTES:

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 ELECTRION 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. OWNER'S 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. OWNER'S VENDOR WILL PROVIDE SECURITY CAMERA, MOUNT AND INTEGRATION.

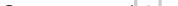
GENERAL NOTES:

- 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.

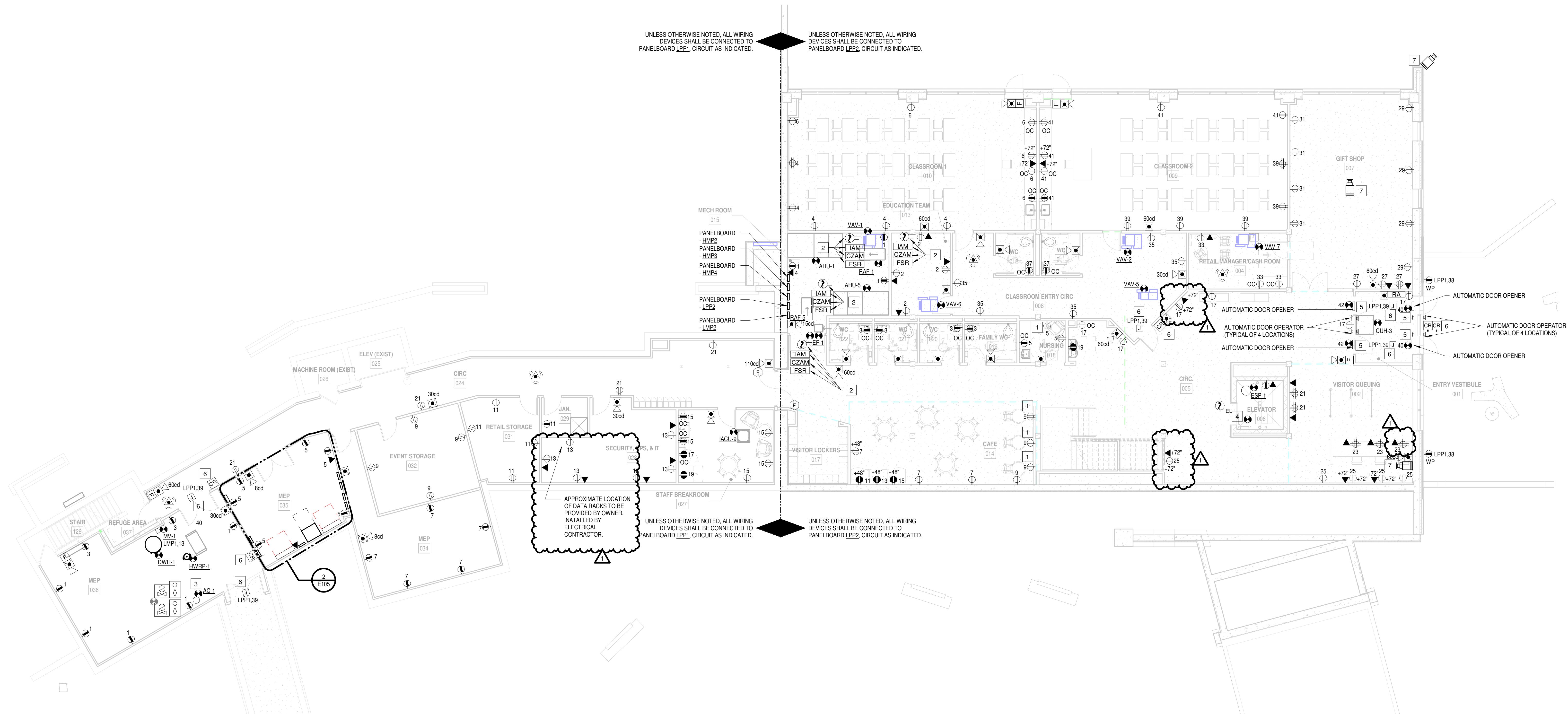


2 ENLARGED PLAN - ROOM MEP 035

SCALE: 1/4" = 1'

UNLESS OTHERWISE NOTED, ALL WIRING
DEVICES SHALL BE CONNECTED TO
PANELBOARD LPP1, CIRCUIT AS INDICATED.  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 LPP1, CIRCUIT AS INDICATED.  UNLESS OTHERWISE NOTED, ALL WIRING
DEVICES SHALL BE CONNECTED TO
PANELBOARD LPP2, CIRCUIT AS INDICATED



1 GROUND FLOOR PLAN - POWER & SYSTEMS

1 SCALE: 1/8" =

SCALE: 1/6 -

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DWG. TITLE

GROUND FLOOR PLAN - POWER & SYSTEMS



GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.
IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

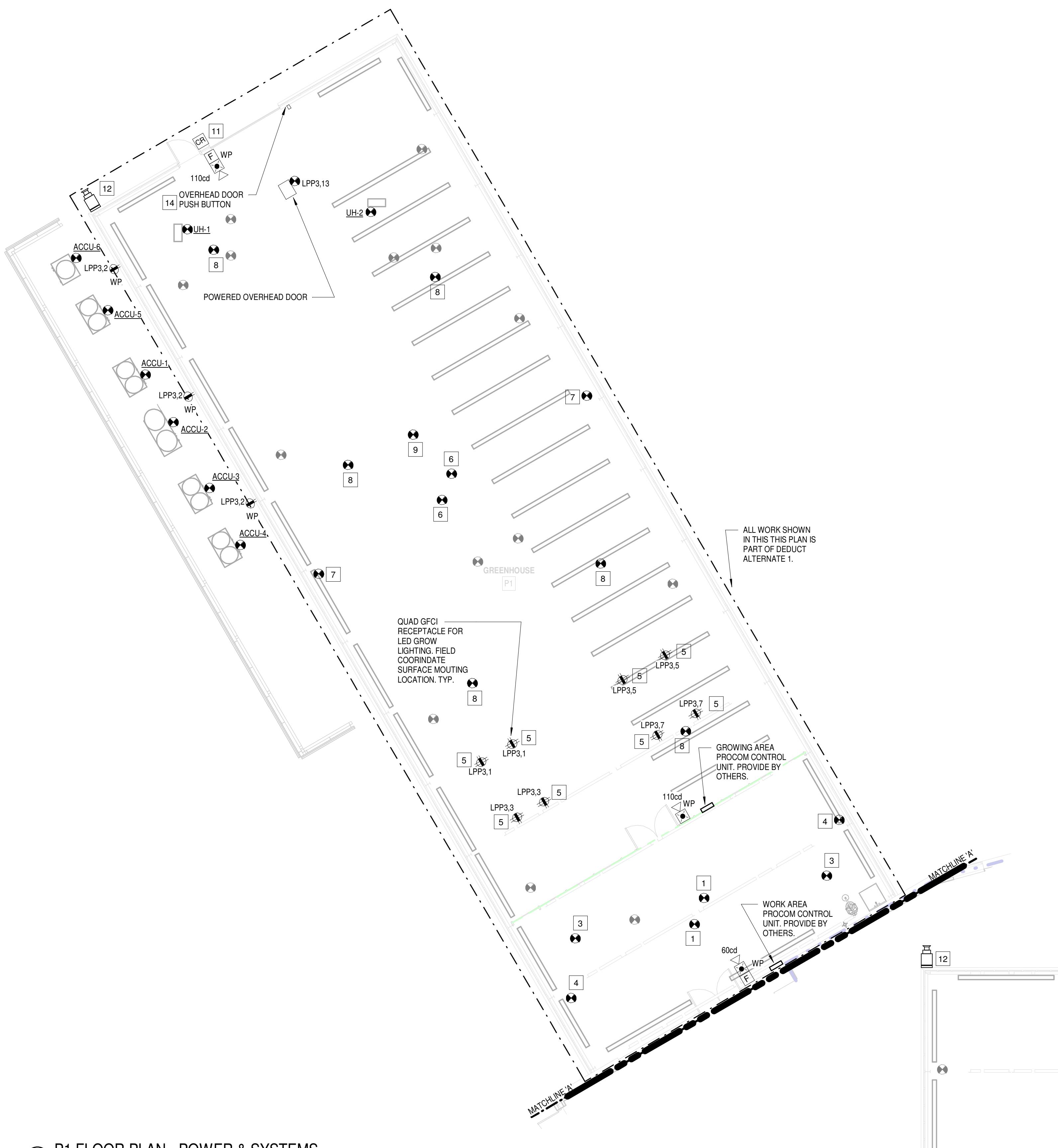
| | | |
|-----------|--------------|----------|
| DATE | 08/16/24 | |
| SCALE | As indicated | |
| OWN. | VB1 | CHK. JFW |
| PROJ. No. | 605802 | |
| DWG. No. | | |

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.

CONSTRUCTION NOTES:

1. PROVIDE 120V ELECTRICAL CONNECTION TO RIDGE VENT MACHINE. CIRCUIT SHALL BE ROUTED THRU WORK AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" CONDUIT.
2. WATER FLOW ALARM BELL, TO BE PROVIDED BY 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 LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" 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 LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" 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 RIDGE VENT MACHINE. CIRCUIT SHALL BE ROUTED THRU GROWING AREA PROCOM CONTROL UNIT TO ALLOW FOR AUTOMATIC CONTROLS. ELECTRICAL CONNECTION SHALL BE SUPPLIED FROM PANELBOARD LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" 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 LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" 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 LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" 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 LPP3. PROVIDE (2) #12 AWG AND #12 GND CONDUCTORS IN A 3/4" CONDUIT.
10. HEAT DETECTOR SHALL BE LOCATED WITHIN 2'-0" 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 120V 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 FROM ACCESS CONTROL PANEL AND CONTROL EACH DOOR. OWNER'S VENDOR WILL PROVIDE ACCESS CONTROL PANEL 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. AT ROOM 028 TO CAMERA LOCATION. OWNER'S VENDOR WILL PROVIDE SECURITY CAMERA, MOUNT AND INTEGRATION.
13. PROVIDE AUTOMATIC DOOR OPERATOR AND ASSOCIATED DOOR OPERATOR PUSH BUTTONS AT LOCATIONS SHOWN. PROVIDE 120 VOLT POWER TO EACH DOOR. PROVIDE 3/4" RACEWAY WITH #14 AWG FROM THE DOOR OPERATOR TO EACH PUSH BUTTON. AUTOMATIC DOOR OPERATOR SHALL OPEN BOTH DOORS WHEN SHOWN WITH DOUBLE DOORS.
14. PROVIDE 120V BRANCH CIRCUIT TO OVERHEAD DOOR. PROVIDE 1/2" CONDUIT WITH 18/6 CABLE FROM THE OVERHEAD DOOR TO THE PUSH BUTTON STATION.
15. OWNER PROVIDED BACK LIT LETTER SIGN. CONTRACTOR TO PROVIDE POWER FEED AND (7) LETTERS. CONTRACTOR TO PROVIDE POWER FEED AND (1) LOGO. OWNER PROVIDED LOGO. PROVIDE INTERCONNECTION BETWEEN LETTERS AND LOGOS AS REQUIRED. FINAL LOCATION SHALL BE COORDINATED WITH OWNER. SIGN SHALL BE FEED FROM PANELBOARD LPP1, CKT#16. PROVIDE (2) #10 AWG AND (1) #10 GND CONDUCTORS IN A 3/4" CONDUIT. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION.



| PANELBOARD SCHEDULE | | | | | | | | | | | | | |
|---------------------|---------|---|------|------------------|-------|-----------|----|---------------------|------|--------------------------------|---------|--------------|--|
| PANELBOARD | | NAME | | VOLTS: 480 Y/277 | | 3Ø 4-WIRE | | BUS CAPACITY: 600 A | | AIC: 22KA | | MTC: SURFACE | |
| HMDP | | | | | | | | | | | | | |
| No. | BKR | DESCRIPTION | Type | LOAD | L1 | L2 | L3 | LOAD | Type | DESCRIPTION | BKR | No. | |
| 1 | | | | 3000 | | | | 3000 | PWR | MINI-POWER CENTER - M2-P1 | 40A/2P | 2 | |
| 3 | | | | 3000 | | | | 0 | PWR | | 40A/2P | 4 | |
| 5 | | | | 0 | | | | 0 | PWR | | 40A/2P | 6 | |
| 7 | | | | 0 | | | | 0 | PWR | | 40A/2P | 8 | |
| 9 | | | | 0 | | | | 0 | PWR | | 40A/2P | 10 | |
| 11 | | | | 0 | | | | 0 | PWR | | 40A/2P | 12 | |
| 13 | | | | 0 | | | | 0 | PWR | | 40A/2P | 14 | |
| 15 | 60A/3P | DWH-1 (CIRCUIT TO BE SUB-METERED FOR LEED) | PWR | 12748 | 12748 | | | 0 | PWR | | 40A/2P | 16 | |
| 17 | | | | 0 | | | | 0 | PWR | | 40A/2P | 18 | |
| 19 | 100A/3P | ELEVATOR | PWR | 16033 | | | | 0 | PWR | PANELBOARD HMP4 | 225A/3P | 22 | |
| 21 | | | | 16033 | | | | 0 | PWR | | 225A/3P | 24 | |
| 23 | | | | 16033 | | | | 0 | PWR | | 225A/3P | 26 | |
| 25 | | | | 35183 | | | | 0 | PWR | DISTRIBUTION PANELBOARD - LMDP | 225A/3P | 28 | |
| 27 | | | | 31934 | | | | 0 | PWR | VIA XMFR T-2 | 225A/3P | 30 | |
| 29 | | | | 33605 | | | | 0 | PWR | | 225A/3P | 32 | |
| 31 | | | | 55259 | 76797 | | | 0 | PWR | PANELBOARD HMP2 | 225A/3P | 34 | |
| 33 | 225A/3P | PANELBOARD HMP1 | PWR | 55259 | | | | 0 | PWR | | 225A/3P | 36 | |
| 35 | | | | 55259 | | | | 0 | PWR | | 225A/3P | 38 | |
| 37 | | | | 76797 | | | | 0 | PWR | PANELBOARD HMP3 | 225A/3P | 40 | |
| 39 | 100A/3P | PANELBOARD HLP1 | LTG | 2877 | 30712 | | | 0 | PWR | | 225A/3P | 42 | |
| 41 | | | | 32843 | | | | 0 | PWR | | 225A/3P | 44 | |

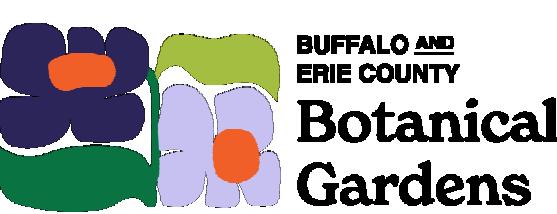
| PANELBOARD SCHEDULE | | | | | | | | | | | | | |
|---------------------|--------|--|------|------------------|------|-----------|----|---------------------|------|--|---------|--------------|--|
| PANELBOARD | | NAME | | VOLTS: 208 Y/120 | | 3Ø 4-WIRE | | BUS CAPACITY: 225 A | | AIC: 22KA | | MTC: SURFACE | |
| EVCH | | | | | | | | | | | | | |
| No. | BKR | DESCRIPTION | Type | LOAD | L1 | L2 | L3 | LOAD | Type | DESCRIPTION | BKR | No. | |
| 1 | 40A/2P | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC1A | CPMR | 3120 | 6240 | | | 3120 | CPMR | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC1B | 40A/2P | 2 | |
| 3 | 40A/2P | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC2A | CPMR | 3120 | 6240 | | | 3120 | CPMR | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC2B | 40A/2P | 6 | |
| 5 | 40A/2P | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC3A | CPMR | 3120 | 6240 | | | 3120 | CPMR | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC3B | 40A/2P | 8 | |
| 7 | 40A/2P | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC4A | CPMR | 3120 | 6240 | | | 3120 | CPMR | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC4B | 40A/2P | 10 | |
| 9 | 40A/2P | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC5A | CPMR | 3120 | 6240 | | | 3120 | CPMR | ELECTRICAL VEHICLE CHARGER - EV-CAHGER - EVC5B | 40A/2P | 12 | |
| 11 | 225A | PANELBOARD HMP4 | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 20 | |
| 13 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 22 | |
| 15 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 24 | |
| 17 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 26 | |
| 19 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 28 | |
| 21 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 30 | |
| 23 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 32 | |
| 25 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 34 | |
| 27 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 36 | |
| 29 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 38 | |
| 31 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 40 | |
| 33 | | | PWR | 16033 | | | | 0 | PWR | | 225A/3P | 42 | |

| PANELBOARD SCHEDULE | | | | | | | | | | | | | |
|---------------------|--------|--|------|------------------|-----|-----------|----|---------------------|------|--------------------------------------|--------|--------------|--|
| PANELBOARD | | NAME | | VOLTS: 480 Y/277 | | 3Ø 4-WIRE | | BUS CAPACITY: 100 A | | AIC: 65KA | | MTC: SURFACE | |
| HLP1 | | | | | | | | | | | | | |
| 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 | 20A/1P | 2 | |
| 3 | 20A/1P | LIGHTING - RM 033, 034, 035, 036 | LTG | 990 | | | | 990 | LTG | SPARE | 20A/1P | 4 | |
| 5 | 20A/1P | LIGHTING - RM 027, 028, 029, 031, 032 | LTG | 748 | | | | 1558 | LTG | LIGHTING - PENTHOUSE | 20A/1P | 6 | |
| 7 | 20A/1P | LTG - RM 015, 016, 019, 020, 0221, 022 | LTG | 360 | 390 | | | 30 | LTG | LIGHTING - ELVATOR PIT | 20A/1P | 8 | |
| 9 | 20A/1P | LIGHTING - RM 014, 017 | LTG | 599 | | | | 879 | LTG | 280 LTG, EXTERIOR WGL & FLU LIGHTING | 20A/1P | 10 | |
| 11 | 20A/1P | LIGHTING - RM 001, 005 | LTG | 756 | | | | 856 | LTG | EXIT SIGNS GROUND FLOOR | 20A/1P | 12 | |
| 13 | 20A/1P | LIGHTING - RM 008, 011, 012, 013 | LTG | 485 | 585 | | | 100 | LTG | EXTERIOR WGL & FLU LIGHTING | 20A/1P | 14 | |
| 15 | 20A/1P | LIGHTING - RM 004, 007 | LTG | 486 | | | | 500 | LTG | BUILDING SIGN | 20A/1P | 16 | |
| | | | | | | | | | | | | | |

| PANELBOARD SCHEDULE | | | | | | | | | | | | |
|---------------------|--------|-------------------------------|------|------|------|---------------------|----|------|------|---------------|--------|-----|
| PANELBOARD | | VOLTS: 208 Y/120 3Ø 4-WIRE | | | | BUS CAPACITY: 150 A | | | | MECH ROOM 015 | | |
| NAME | | A/C 22kA | | | | MCB: 150 A | | | | MTG SURFACE | | |
| NAME | | ENCL. NEMA 1 | | | | MLO: | | | | LOCATION | | |
| 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 | PWR | 528 | | 528 | | | | SPARE | 20A/1P | 4 |
| 5 | 20A/1P | SPARE - MECH CONTROLS CIRCUIT | | | | | | | | 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 | | | | | | | | SPARE | 20A/1P | 12 |
| 13 | | | | | | | | 0 | | SPARE | 20A/1P | 14 |
| 15 | | | | | | | | | | 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 | | | | BUS CAPACITY: 150 A | | | | MEP 035 | | |
| NAME | | A/C 22kA | | | | MCB: 150 A | | | | MTG SURFACE | | |
| NAME | | ENCL. NEMA 1 | | | | MLO: | | | | LOCATION | | |
| No. | BKR | DESCRIPTION | TYPE | LOAD | L1 | L2 | L3 | LOAD | TYPE | DESCRIPTION | BKR | No. |
| 1 | 20A/1P | RECEPTACLE - ROOM 038 | REC | 900 | 1800 | | | 900 | REC | RECEPTACLE - ROOM 117 | 20A/1P | 2 |
| 3 | 20A/1P | RECEPTACLE - ROOM 036 | REC | 360 | | | | 540 | REC | RECEPTACLE - ROOM 112, 115, 116 | 20A/1P | 4 |
| 5 | 20A/1P | RECEPTACLE - ROOM 035 | REC | 1080 | | | | 1980 | REC | RECEPTACLE - ROOM 110, 111 | 20A/1P | 6 |
| 7 | 20A/1P | RECEPTACLE - ROOM 034 | REC | 900 | 1440 | | | 540 | REC | RECEPTACLE - ROOM 110 | 20A/1P | 8 |
| 9 | 20A/1P | RECEPTACLE - ROOM 032 | REC | 720 | | 1080 | | 360 | REC | RECEPTACLE - ROOM 113, 114 | 20A/1P | 10 |
| 11 | 20A/1P | RECEPTACLE - ROOM 031, 029 | REC | 900 | | | 1440 | 540 | REC | DRINKING FOUNTAIN (GFCI BREAKER) | 20A/1P | 12 |
| 13 | 20A/1P | RECEPTACLE - ROOM 028 | REC | 1080 | 1960 | | | 900 | REC | RECEPTACLE - EXTERIOR | 20A/1P | 14 |
| 15 | 20A/1P | RECEPTACLE - ROOM 027 | REC | 900 | | | 3188 | 2288 | REC | GOLF CART CHARGER PLUG | 20A/1P | 16 |
| 17 | 20A/1P | REC. MICROWAVE (GFCI BREAKER) | REC | 180 | | | 2468 | 2288 | REC | REC. MICROWAVE | 20A/1P | 18 |
| 19 | 20A/1P | REC. REFRIGERATOR (GFCI BREAKER) | REC | 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 | | | | | | 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 | 400 | PWR | AUTOMATIC DOOR OPENER - CONS VEST. 001 | 20A/1P | 42 |

| PANELBOARD SCHEDULE | | | | | | | | | | | | |
|---------------------|--------|--------------------------------------|------|------|------|---------------------|----|------|------|-----------------------|--------|-----|
| PANELBOARD | | VOLTS: 208 Y/120 3Ø 4-WIRE | | | | BUS CAPACITY: 150 A | | | | MEP 035 | | |
| NAME | | A/C 22kA | | | | MCB: 150 A | | | | MTG SURFACE | | |
| NAME | | ENCL. NEMA 1 | | | | MLO: | | | | 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 | | | | |



Buffalo & Erie County Botanical Society

**Gardens
2655 SOUTH PARK AVENUE
BUFFALO, NEW YORK 14218**

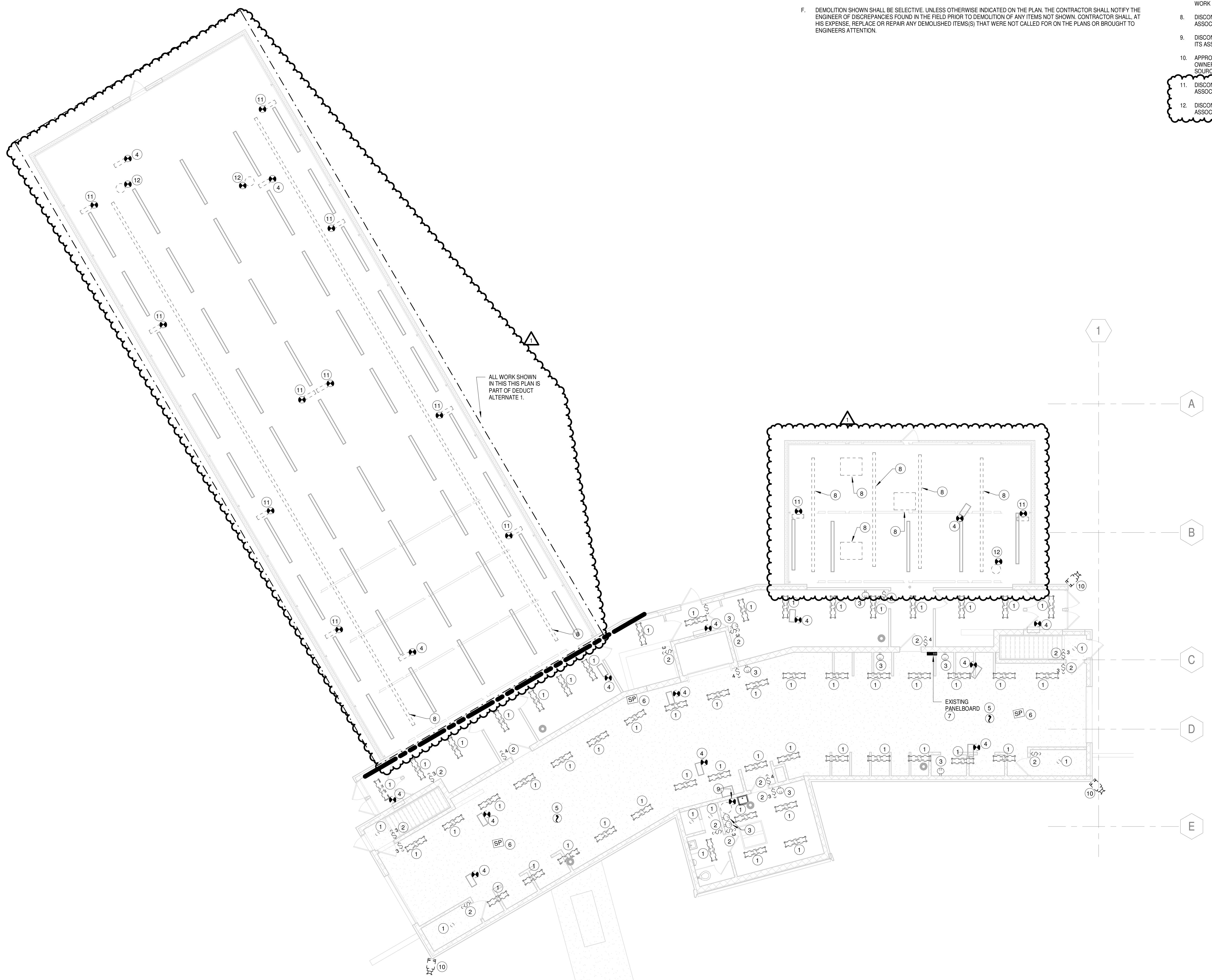
GENERAL DEMOLITION NOTES

- A. 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.
- B. 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.
- C. 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.
- D. 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.
- E. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ELECTRICAL DEVICES AND MISC. ITEMS AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR ANY COST ASSOCIATED WITH DISPOSAL.
- F. 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 ITEMS(S) THAT WERE NOT CALLED FOR ON THE PLANS OR BROUGHT TO ENGINEERS ATTENTION.

- 1. DISCONNECT AND REMOVE EXISTING LUMINAIRE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- 2. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- 3. DISCONNECT AND REMOVE EXISTING RECEPTACLE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- 4. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO UNIT HEATER AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
- 5. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING FIRE ALARM CONTROL PANEL.
- 6. DISCONNECT AND REMOVE EXISTING SPEAKER AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- 7. DISCONNECT AND REMOVE EXISTING PANELBOARD AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- 8. DISCONNECT AND REMOVE EXISTING LIGHTING SYSTEM IN THE GREENHOUSE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- 9. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO WATER HEATER AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- 10. 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.
- 11. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO SASH MOTOR AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
- 12. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO HVAC FAN AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.

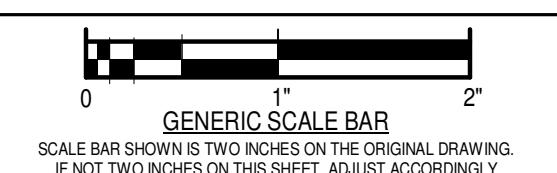
DEMOLITION NOTES:

1. DISCONNECT AND REMOVE EXISTING LUMINAIRE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
2. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING PANELBOARD BA.
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5. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO EXISTING FIRE ALARM CONTROL PANEL.
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7. DISCONNECT AND REMOVE EXISTING PANELBOARD AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
8. DISCONNECT AND REMOVE EXISTING LIGHTING SYSTEM IN THE GREENHOUSE AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
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11. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO SASH MOTOR AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.
12. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION TO HVAC FAN AND ALL ITS ASSOCIATED ELECTRICAL WORK BACK TO SOURCE.



1 DEMO - FIRST FLOOR PLAN

SCALE: 1/8"



NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

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

ED103