

WTP BUILDING IMPROVEMENTS 2026

BID AND PERMIT SET

CLACKAMAS RIVER WATER
9100 SE MANGAN DR., CLACKAMAS, OR 97015

Tax Lot Information (22E16A, LOT 200)

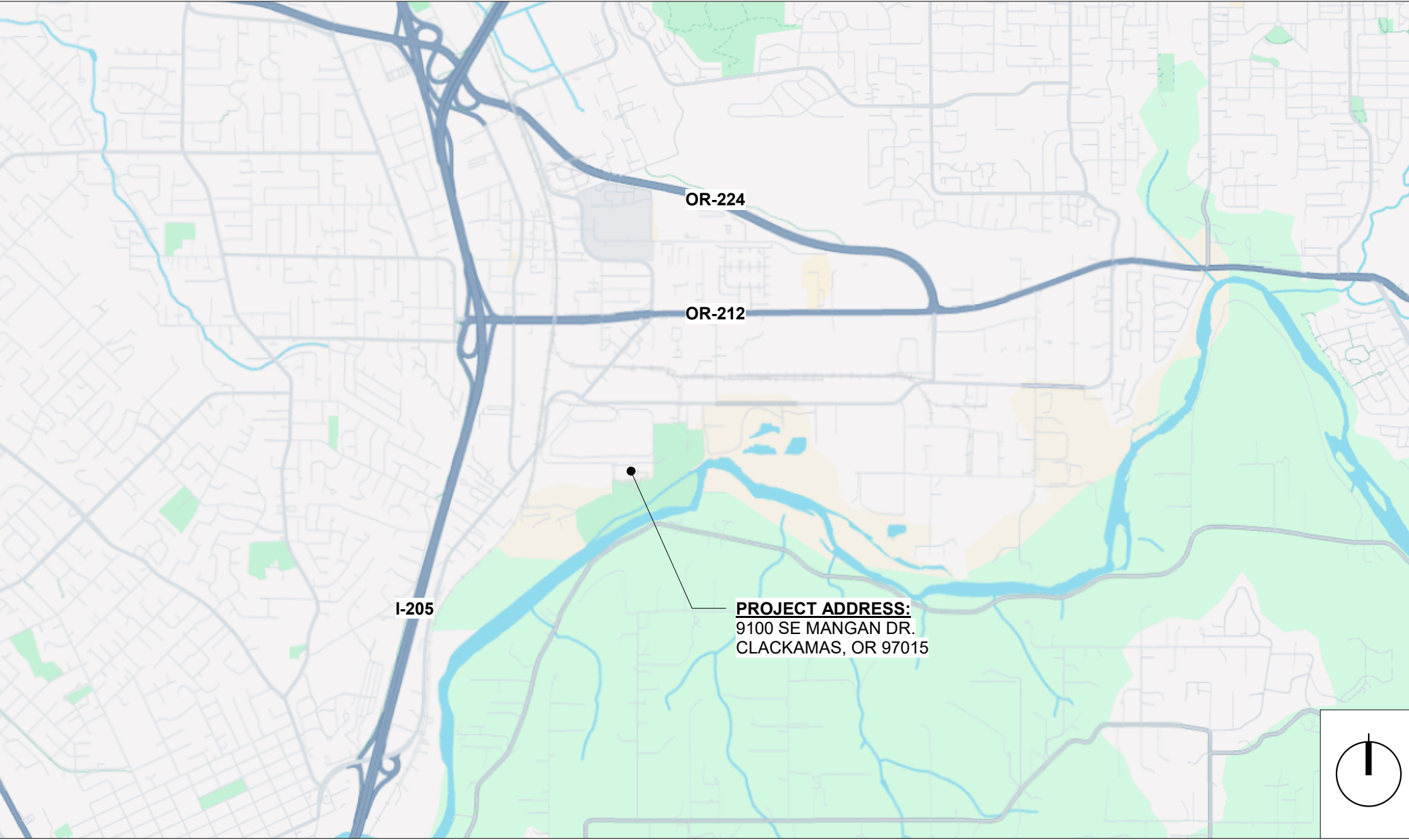


524 Main Street, Suite 2
Oregon City, OR 97045
503.659.2205

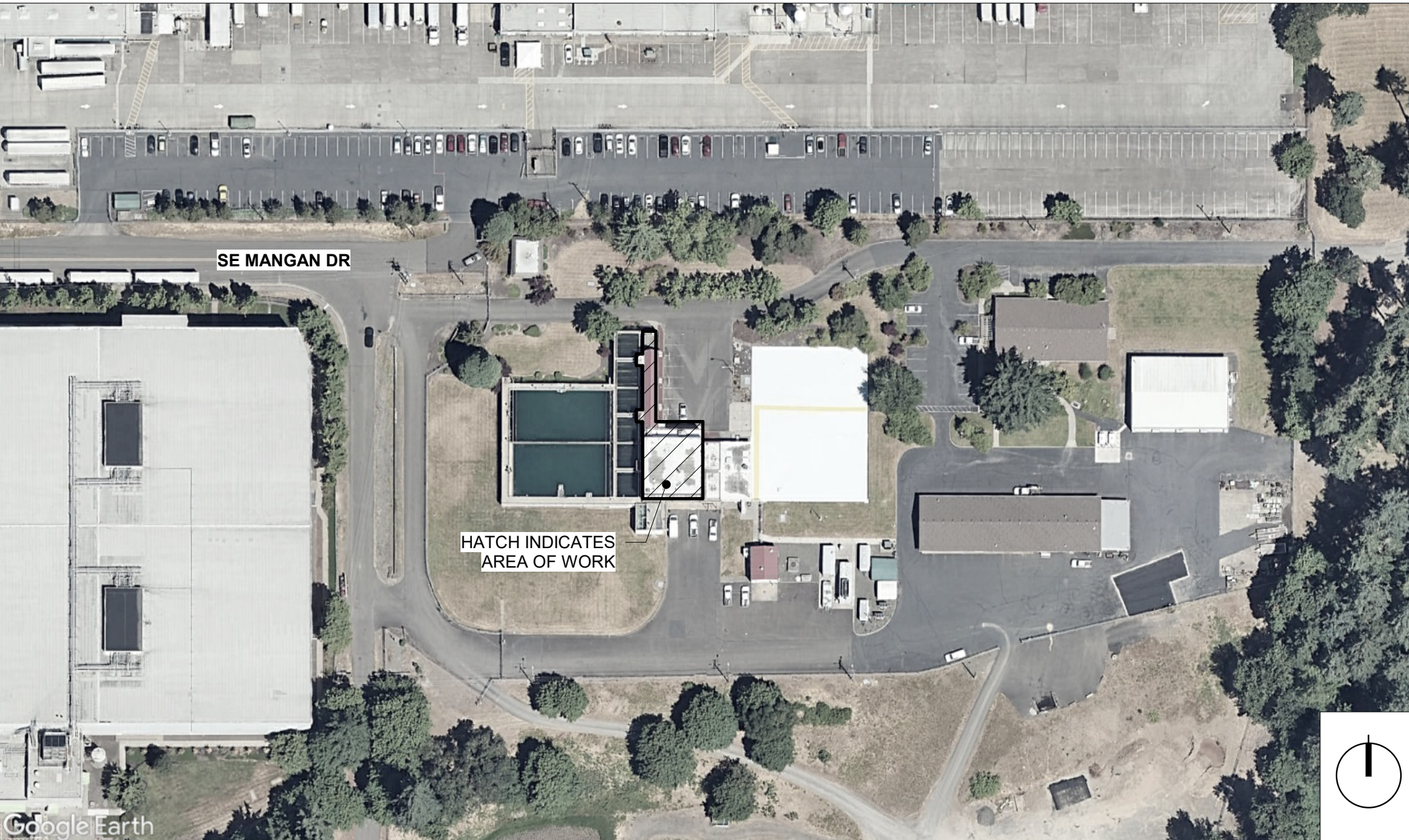
PROJECT NOTES	ABBREVIATIONS	PROJECT TEAM	PROJECT NARRATIVE	SHEET INDEX
1. FIELD VERIFICATION: ALL EXISTING CONDITIONS MUST BE FIELD-VERIFIED. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES WITH THE DRAWINGS OR SPECIFICATIONS TO THE PROJECT TEAM. 2. CONSTRUCTION RESPONSIBILITY: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION METHODS, TECHNIQUES, SEQUENCING, SAFETY MEASURES, AND DEMOLITION ACTIVITIES. 3. INSPECTION: BEFORE STARTING WORK, THE CONTRACTOR MUST INSPECT PRIOR WORK TO ENSURE IT IS PROPERLY ALIGNED AND LEVEL, ALLOWING SEAMLESS INTEGRATION WITH ADJACENT WORK. 4. CODE COMPLIANCE: THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL MATERIALS AND WORKMANSHIP COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES. 5. DOCUMENT VERIFICATION: THE CONTRACTOR MUST VERIFY THE ACCURACY OF ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS BEFORE PROCEEDING. ANY QUESTIONS MUST BE CLARIFIED WITH THE PROJECT TEAM PRIOR TO THE COMMENCEMENT OF WORK. 6. DIMENSIONS: DRAWINGS SHALL NOT BE SCALED. IF DIMENSIONS ARE MISSING OR UNCLEAR, THE CONTRACTOR MUST SEEK CLARIFICATION FROM THE PROJECT TEAM BEFORE PROCEEDING. 7. PROTECTION & REPAIR: THE CONTRACTOR MUST PROTECT, PATCH, AND REPAIR ANY SURFACES DISTURBED DURING THE INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING, OR OTHER WORK, ENSURING THEY MATCH EXISTING FINISHES. 8. CUTTING & PATCHING: THE CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING, AND DEMOLITION NECESSARY FOR MATERIAL AND EQUIPMENT INSTALLATION, INCLUDING RELATED REPAIRS. 9. UNFORESEEN CONDITIONS: IF UNFORESEEN CONDITIONS ARE ENCOUNTERED, THE CONTRACTOR MUST NOTIFY THE PROJECT TEAM AND RESOLVE THE ISSUE BEFORE CONTINUING WORK. 10. PERMITS: THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PROJECT-RELATED PERMITS, UNLESS OTHERWISE AGREED UPON. 11. JOB SITE SAFETY: THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR MAINTAINING JOB SITE SAFETY, INCLUDING THE PROTECTION OF PERSONNEL AND PROPERTY, IN COMPLIANCE WITH OSHA STANDARDS. 12. DESIGN-BUILD COORDINATION: FOR DESIGN-BUILD ELEMENTS, THE CONTRACTOR IS RESPONSIBLE FOR DESIGN, PERMITS, AND COORDINATION WITH SUBCONTRACTORS. ALL DESIGN-BUILD ELEMENTS MUST BE COORDINATED WITH THE ARCHITECT/ENGINEER OF RECORD BEFORE FIELDWORK IS COMPLETED. 13. BUILDING OPERATIONS: THE CONTRACTOR MUST AVOID DISRUPTING THE BUILDING'S NORMAL OPERATIONS AND FOLLOW RULES FOR SCHEDULING AND USING ELEVATORS, LOADING DOCKS, AND OTHER FACILITIES. 14. ABATEMENT: ALL HAZMAT ABATEMENT SCOPE OF WORK IS BY OWNER. COORDINATE DEMOLITION WORK WITH OWNER AS REQUIRED.	AB ADJ ADJ AFF ASC ALM ARCH ASCE ASTM AYS BO BIT BTM BTWN BOD CG CI CJP CLR CMU CO CONC CONC CONST CONT CORR CPT DBL DEKO DF DIA, Ø DIM DN DR DWS EA (E) EQ EW ETR EXT FA FD FND FOF FOS FRT FSD FTG GA GALV GL GRID GLB GLC GRAB GRB GND GSM GYP GWB HB HC HM HORZ HPC HSS IBC IN INT LAM LB ANCHOR BOLT AMERICAN CONCRETE INSTITUTE ACUSTIC CEILING TILE ADJACENT ABOVE FINISH FLOOR AMERICAN INSTITUTE OF STEEL CONSTRUCTION ALUMINUM ARCHITECT AMERICAN SOCIETY OF CIVIL ENGINEERS AMERICAN SOCIETY FOR TESTING AND MATERIALS BOTTOM OF BOARD BITUMINOUS BOTTOM BETWEEN BASIS OF DESIGN CORNER GUARD CONTINUOUS INSULATION COMPLETE JOINT PENETRATION CLEAR CONCRETE MASONRY UNIT CARBON MONOXIDE COLUMN CONC CONCRETE CONCRETE CONSTRUCTION CONTINUOUS CORRIDOR CARPET DOUBLE DEMO DRINKING FOUNTAIN DIAMETER DIMENSION DOWN DOOR DOWNSPOUT DRAWINGS EACH EXISTING ELECTRICAL EQU EACH WAY EXISTING TO REMAIN EXTERIOR FIRE ALARM FLOOR DRAIN FOUNDATION FACE OF FINISH FACE OF STUDS PRESSURE-TREATED FIRE RETARDANT FIRE SEPARATION DISTANCE FOOTING GALVANIZED SHEET METAL GRID LINE GLULAM BEAM GLULAM COLUMN GRAB BAR GROUND GALVANIZED SHEET METAL GYPSUM GYPSUM WALL BOARD HOSE BIBB HOLLOW CORE HOLLOW METAL HORIZONTAL HIGH PERFORMANCE COATING HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INCH INTERIOR LAMINATE FOUND LL LH LLV LOC LONG LP LVL LWR MAX MBMA ME MECH MFR MIN MISC NEW NIC NOM NTS ON CENTER OFCI OWNER FURNISHED CONTRACTOR INSTALLED OFDI OWNER FURNISHED OWNER INSTALLED OH OPPOSITE HAND OHD OVERHEAD PRECAST (CONCRETE) PL PLAM PLY PJP PARTIAL JOINT PENETRATION PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT POST-TENSIONED PRESSURE TREATED RCP ROOF DRAIN REF REFERENCE REINFC REINFORCING REQD REQUIRED RO ROUGH OPENING SAM SELF-ADHERED MEMBRANE SAMF SELF-ADHERED MEMBRANE FLASHING SC SOLID CORE SCADA SUPERVISORY CONTROL AND DATA ACQUISITION SCHED SCHEDULE SIMLAR SIMILAR SOG SLAB ON GRADE SPEC SPECIFICATION SQUARE SQ STAINLESS STEEL SS STEEL STUD MANUFACTURERS ASSOCIATION STD STANDARD STRUCT STRUCTURAL SYM SYMMETRICAL TECH TECHNOLOGY THRU THROUGH T&G TONGUE AND GROOVE TRANS TRANSVERSE TO TOP OF TOW TOP OF WALL TYP TYPICAL UNO UNLESS NOTED OTHERWISE UPR UPPER VERT VERTICAL VERIFY IN FIELD VF WITH W/O WITHOUT WF WIDE FLANGE WWF WELDED WIRE FABRIC	OWNER: CLACKAMAS RIVER WATER CONTACT: JASON BRAINSTETTER, CHIEF ENGINEER 16770 SE 82ND DR CLACKAMAS, OR 97015 T 503.722.9246 ARCHITECTURE: STAMPING REGISTRANT: MATTHEW CRAWFORD, AIA ZCS, INC. T 503.659.2205 STRUCTURAL ENGINEERING: CONTACT: KEVIN M. HASSETT STAMPING REGISTRANT: MATTHEW R. SMITH, P.E., SE ZCS, INC. T 503.659.2205 MECHANICAL: CONTACT: TROY LOWELL STAMPING REGISTRANT: ANDREW LASSE, PE OWNER FURNISHED CONTRACTOR INSTALLED 100 SW MAIN ST., SUITE 1600 PORTLAND, OR 97204 T 503.382.2742 PLUMBING: CONTACT: CHRIS SCOTT INTERFACE ENGINEERING 100 SW MAIN ST., SUITE 1600 PORTLAND, OR 97204 T 503.382.2742 ELECTRICAL: CONTACT: CLEO NARANJO STAMPING REGISTRANT: MARK O'LEARY, PE INTERFACE ENGINEERING 100 SW MAIN ST., SUITE 1600 PORTLAND, OR 97204 T 503.382.2742 ICT TECHNOLOGY: CONTACT: TODD SCHENBECK INTERFACE ENGINEERING 100 SW MAIN ST., SUITE 1600 PORTLAND, OR 97204 T 503.382.2742 FIRE PROTECTION: CONTACT: KAYLA AHNEM INTERFACE ENGINEERING 100 SW MAIN ST., SUITE 1600 PORTLAND, OR 97204 T 503.382.2742	PROJECT SCOPE: THIS PROJECT CONSISTS OF THE REPAIR AND RENOVATION OF THE PRIMARY OCCUPIED SPACES WITHIN CLACKAMAS RIVER WATER DISTRICT'S CONTROL (WTP) BUILDING. THE WORK INCLUDES REPAIRS TO THE FAILING BUILDING ENVELOPE WHICH HAVE RESULTED IN SIGNIFICANT WATER INTRUSION AND ASSOCIATED BUILDING DAMAGE. THE WORK ALSO INCLUDES A REMODEL TO RECONFIGURE INTERIOR SPACES TO BETTER SUPPORT OPERATIONAL AND ACCESSIBILITY NEEDS. THE PROJECT IS LIMITED IN SCOPE TO RENOVATION AND REPAIR ACTIVITIES. MODIFICATIONS TO THE BUILDING'S PRIMARY OR SECONDARY STRUCTURAL SYSTEMS ARE NOT ANTICIPATED AS PART OF THIS PROJECT. UNDER SEPARATE CONTRACT CONTRACTOR SHALL COORDINATE ALL WORK WITH THE FOLLOWING VENDORS AND PROVIDE ALL NECESSARY ACCOMMODATIONS AND SCOPES OF WORK FOR THEIR INSTALLATION AND OPERATION, PER THE TECHNOLOGY RESPONSIBILITY MATRIX, DRAWING T0.01: OWNER-CONTRACTED INTEGRATOR (OCI) — UNDER SEPARATE CONTRACT WITH OWNER, NOT A SUBCONTRACTOR TO THE CONTRACTOR: SCADA: STONER ELECTRIC OWNER DELEGATED CONTRACTORS (ODC) — SUBCONTRACTED TO THE CONTRACTOR, NO SUBSTITUTION WITHOUT OWNER APPROVAL: FIRE ALARM: FIRST RESPONSE SECURITY AND ACCESS CONTROL: POINT MONITOR DESIGN-BUILD SCOPE GENERAL CONTRACTOR AND SUBCONTRACTORS TO REVIEW CONSTRUCTION DOCUMENTS AND PROVIDE CODE REQUIRED MEP DESIGN IN COORDINATION WITH THE ARCHITECTURE PLANS. FURTHER MODIFICATION MAY BE REQUIRED. ELECTRICAL: SUBMIT CO DETECTION SYSTEM DESIGN FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. COMPLY WITH OSSC §3403.8.1, NFPA 72, AND AHJ REQUIREMENTS. REMOVAL OF EXISTING UNDERLAYMENT: PROVIDE A UNIT PRICE PER 10 SQUARE FEET OF REMOVAL OF EXISTING UNDERLAYMENT AS REQUIRED FOR INSTALLATION OF NEW UNDERLAYMENT. FLOOR LEVELING REPLACEMENT: PROVIDE A UNIT PRICE PER ADDITIONAL 10 SQUARE FEET OF INSTALLATION OF FLOOR LEVELING FLOOR UNDERLAYMENT FOR NEW FLOORINGS WITHIN THE CONTROL ROOM AND OPERATIONS OFFICE. ASSUME 200 SF IN BASE BID.	-GENERAL- G0.00 COVER SHEET G1.00 CODE PLAN G2.00 ACCESSIBILITY STANDARDS - EXISTING G2.10 ACCESSIBILITY STANDARDS - EXISTING -DEMO- D1.10 DEMO FIRST FLOOR PLAN D1.20 DEMO SECOND FLOOR PLAN D1.30 DEMO THIRD FLOOR AND ROOF PLANS D2.10 DEMO FIRST FLOOR REFLECTED CEILING PLAN D2.20 DEMO SECOND FLOOR REFLECTED CEILING PLAN D4.10 DEMO EXTERIOR ELEVATIONS D4.20 DEMO EXTERIOR ELEVATIONS -ARCHITECTURAL- A0.10 ASSEMBLIES AND FINISH SCHEDULES A0.20 DOOR AND WINDOW SCHEDULES A0.30 DOOR HARDWARE SCHEDULE A1.10 FIRST FLOOR PLAN A1.20 SECOND FLOOR PLAN A1.30 THIRD FLOOR PLAN AND ROOF PLAN A2.10 FIRST FLOOR REFLECTED CEILING PLAN A2.20 SECOND FLOOR REFLECTED CEILING PLAN A3.10 FIRST FLOOR FINISH PLAN A3.20 SECOND FLOOR FINISH PLAN A4.00 OVERALL EXTERIOR ELEVATIONS A4.10 EXTERIOR ELEVATIONS A4.20 EXTERIOR ELEVATIONS A5.00 BUILDING SECTIONS A5.10 WALL SECTIONS A5.20 WALL SECTIONS A5.30 WALL SECTIONS A5.40 WALL SECTIONS A6.00 HANDRAIL AND GUARDRAIL PLANS AND SECTIONS A6.10 FIRST FLOOR DIMENSION PLAN A6.20 SECOND FLOOR DIMENSION PLAN A6.30 THIRD FLOOR DIMENSION PLAN A7.10 ENLARGED PLANS AND INTERIOR ELEVATIONS A7.20 ENLARGED PLANS AND INTERIOR ELEVATIONS A8.00 EXTERIOR DETAILS A8.10 EXTERIOR DETAILS A8.20 EXTERIOR DETAILS A8.30 FRAMING DETAILS A9.00 INTERIOR DETAILS A9.10 INTERIOR DETAILS A9.20 INTERIOR DETAILS -PLUMBING- P0.01 SYMBOL LIST AND GENERAL NOTES - PLUMBING P0.02 SCHEDULES & DETAILS - PLUMBING PD2.10 DEMO FIRST FLOOR PLAN - PLUMBING PD2.20 DEMO SECOND FLOOR PLAN - PLUMBING P2.10 FIRST FLOOR PLAN - PLUMBING P2.20 SECOND FLOOR PLAN - PLUMBING -MECHANICAL- M0.01 SYMBOL LIST AND GENERAL NOTES - MECHANICAL M0.02 SCHEDULES - MECHANICAL MD2.10 DEMO FIRST FLOOR PLAN - MECHANICAL MD2.20 DEMO SECOND FLOOR PLAN - MECHANICAL MD2.30 DEMO THIRD FLR PLAN AND ROOF - MECHANICAL M2.10 FIRST FLOOR PLAN - MECHANICAL M2.20 SECOND FLOOR PLAN - MECHANICAL M2.30 THIRD FLOOR PLAN AND ROOF - MECHANICAL M3.01 SECTIONS & ELEVATIONS - MECHANICAL M4.01 DETAILS - MECHANICAL M4.02 DETAILS - MECHANICAL -ELECTRICAL- E0.01 SYMBOL LIST AND GENERAL NOTES - ELECTRICAL E0.02 LUMINAIRE SCHEDULES - ELECTRICAL ED2.10 DEMO FIRST FLOOR PLAN - POWER ED2.20 DEMO SECOND FLOOR PLAN - POWER ED2.30 DEMO THIRD FLOOR PLAN - POWER ED3.10 DEMO FIRST FLOOR PLAN - LIGHTING ED3.20 DEMO SECOND FLOOR PLAN - LIGHTING E2.10 FIRST FLOOR PLAN - POWER E2.20 SECOND FLOOR PLAN - POWER E2.30 THIRD FLOOR PLAN AND ROOF - POWER E3.10 FIRST FLOOR PLAN - LIGHTING E3.20 SECOND FLOOR PLAN - LIGHTING E6.01 SCHEDULES - ELECTRICAL E6.02 PANEL SCHEDULES - ELECTRICAL E7.01 DETAILS - ELECTRICAL -TECHNOLOGY- T0.01 SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY TD2.10 FIRST FLOOR PLAN - TECHNOLOGY TD2.20 SECOND FLOOR PLAN - TECHNOLOGY T2.10 FIRST FLOOR PLAN - TECHNOLOGY T2.20 SECOND FLOOR PLAN - TECHNOLOGY T4.01 ENLARGED PLANS - TECHNOLOGY

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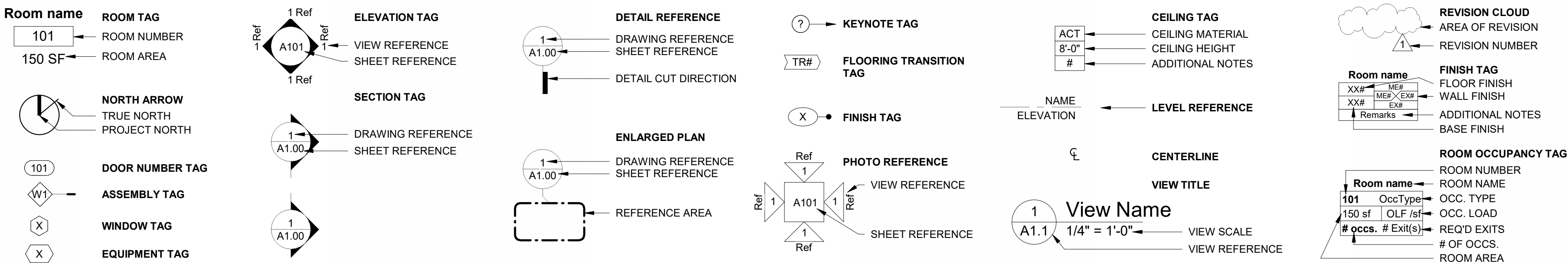
WTP BUILDING
IMPROVEMENTS
2026
CRW #: 25-1199



AERIAL PHOTO



SYMBOL LEGEND



DESCRIPTION	DATE
1 ADDENDUM 1	08-21-2026
2 ADDENDUM 2	09-04-2026

PROJECT NO. P-3116-26
DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

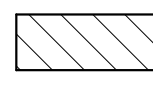
COVER SHEET

GO.00

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CODE PLAN LEGEND

- 1 HOUR FIRE PARTITION
2 HOUR FIRE BARRIER
LINE INDICATES EGRESS PATH



HATCH INDICATES AREA OUT OF SCOPE OF WORK



FIRE EXTINGUISHER



WALL MOUNTED ILLUMINATED EXIT SIGN



LOCATION OF (2) OPTIONS OF EGRESS



(E) EXIT SIGN PLACARD



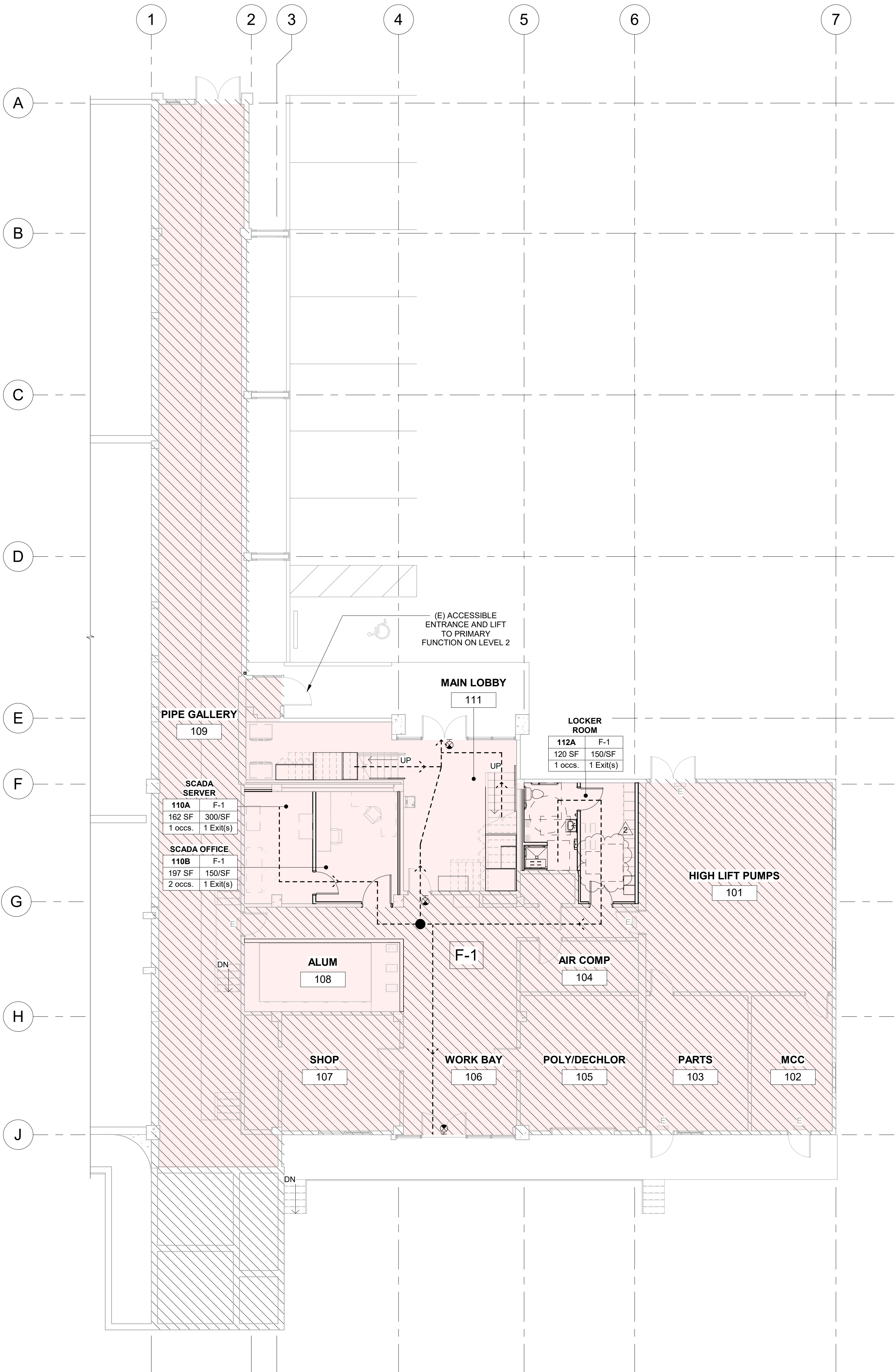
'B' OCCUPANCY



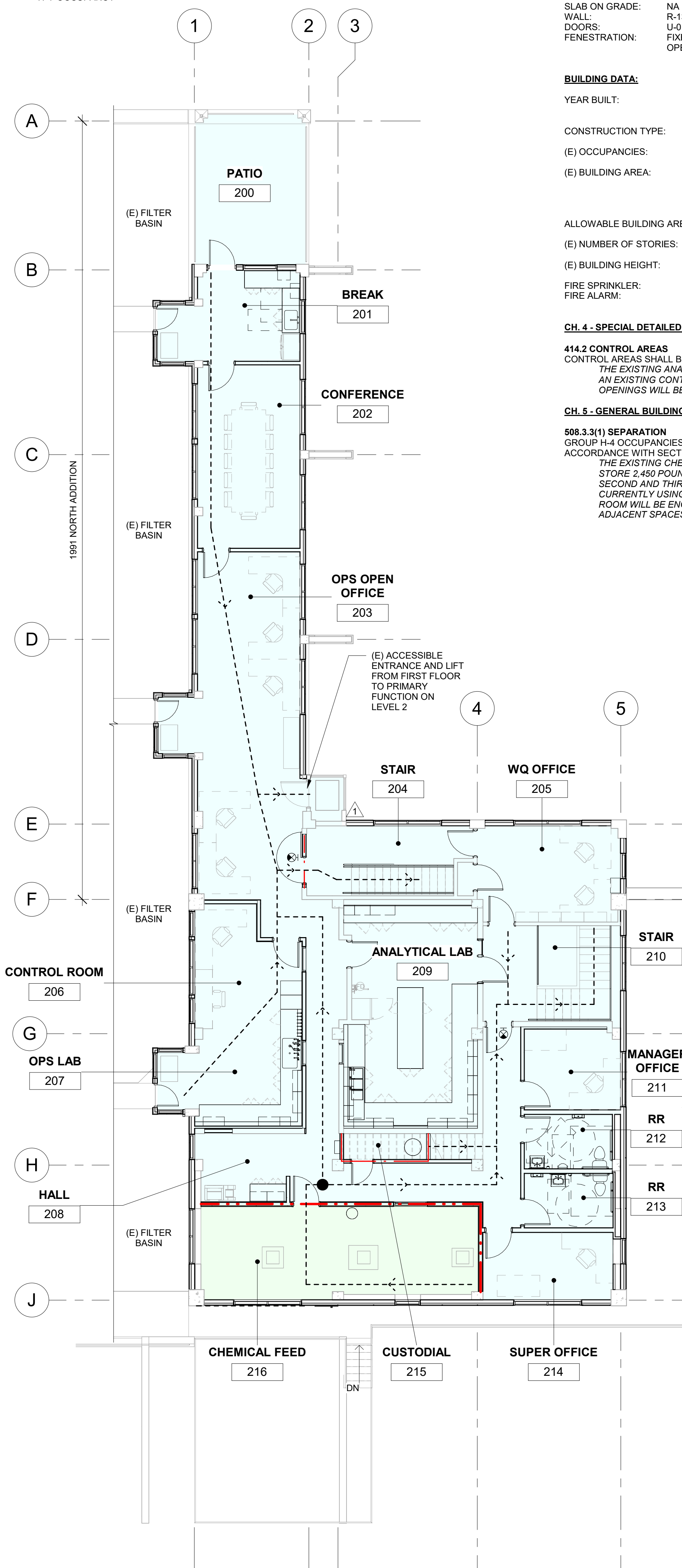
'F-1' OCCUPANCY



'H-4' OCCUPANCY



1 FIRST FLOOR CODE PLAN
1/8" = 1'-0"



2 SECOND FLOOR CODE PLAN
1/8" = 1'-0"

CODE SUMMARY

LIFE SAFETY NARRATIVE

- PROJECT CONSISTS OF:
• DEMOLISHING AND RECONSTRUCTING THE EXISTING EXTERIOR NON-LOAD BEARING WALLS ON THE SECOND AND THIRD FLOORS
• INTERIOR ALTERATIONS ON THE FIRST AND SECOND FLOORS

EXISTING EGRESS ROUTES HAVE BEEN SLIGHTLY ALTERED ON THE SECOND FLOOR WHILE EXIT LOCATIONS REMAIN UNCHANGED. NEW EXTERIOR WALLS, DOORS AND WINDOWS WILL COMPLY WITH PRESCRIPTIVE ENVELOPE REQUIREMENTS OF THE ENERGY CODE.

APPLICABLE CODES

BUILDING CODE	2025 OSSC
PLUMBING CODE	2023 OPSC
MECHANICAL CODE	2025 OMSC
ELECTRICAL CODE	2023 OESC
ENERGY EFFICIENCY	2024 OEESC
ACCESSIBILITY	2017 ICC A117.1
FIRE CODE	2025 OFC

ENERGY CODE REQUIREMENTS:

ROOF:	NA
FLOOR:	NA
SLAB ON GRADE:	NA
WALL:	R-13 + R-7.5 C.I.
DOORS:	U-0.370
FENESTRATION:	FIXED: U-0.36 MAX, SHGC 0.36 MAX OPERABLE: U-0.45 MAX, SHGC 0.33 MAX

BUILDING DATA:

YEAR BUILT:	1983 1991 NORTH ADDITION
CONSTRUCTION TYPE:	IB (NON-SPRINKLERED)
(E) OCCUPANCIES:	F-1, B, H-4 (NONSEPARATED)
(E) BUILDING AREA:	1ST FLOOR: 6,368 SF 2ND FLOOR: 3,911 SF 3RD FLOOR: 2,474 SF TOTAL: 12,753 SF
ALLOWABLE BUILDING AREA:	15,500 SF
(E) NUMBER OF STORIES:	3
(E) BUILDING HEIGHT:	34'-4" ±
FIRE SPRINKLER:	NO
FIRE ALARM:	YES

CH. 4 - SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE

414.2 CONTROL AREAS

CONTROL AREAS SHALL BE SEPARATED FROM EACH OTHER BY FIRE BARRIERS. THE EXISTING ANALYTICAL LAB (RM 209) ON THE SECOND FLOOR IS TREATED AS AN EXISTING CONTROL AREA. THE WALLS ARE EXISTING BUT THE NEW OPENINGS WILL BE RATED.

CH. 5 - GENERAL BUILDING HEIGHTS AND AREAS

508.3.3(1) SEPARATION
GROUP H-4 OCCUPANCIES SHALL BE SEPARATED FROM ALL OTHER OCCUPANCIES IN ACCORDANCE WITH SECTION 508.4.
THE EXISTING CHEMICAL FEED ROOM HAS TWO HOPPERS THAT CAN EACH STORE 2,450 POUNDS OF SODA ASH. THE AMOUNT SPANS BETWEEN THE SECOND AND THIRD FLOORS BASED ON HOW FULL THE HOPPER(S) THEY ARE CURRENTLY USING ROUGHLY 400 - 600 POUNDS OF SODA ASH PER DAY. THE ROOM WILL BE ENCLOSED AS PART OF THIS PROJECT AND SEPARATED FROM ADJACENT SPACES WITH A 2-HOUR FIRE BARRIER PER TABLE 508.4.

CH. 6 - TYPES OF CONSTRUCTION

602.2 TYPES I AND II
TYPES I AND II CONSTRUCTION ARE THOSE TYPES OF CONSTRUCTION IN WHICH THE BUILDING ELEMENTS SPECIFIED IN TABLE 601 ARE OF NONCOMBUSTIBLE MATERIALS, EXCEPT AS PERMITTED IN SECTION 603 AND ELSEWHERE IN THE CODE.

CH. 7 - FIRE AND SMOKE PROTECTION FEATURES

707.5 CONTINUITY

FIRE BARRIERS SHALL EXTEND FROM THE TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE AND SHALL BE SECURELY ATTACHED THERETO.

TABLE 716.1(2) OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

SEE DOOR SCHEDULE FOR COMPLIANCE

CH. 8 - INTERIOR FINISHES

TABLE 803.13 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

ROOMS AND ENCLOSED SPACES		CORRIDORS
GROUP B:	C	B
GROUP F:	C	A
GROUP H:	C	A
CLASS A = FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450		
CLASS B = FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450		
CLASS C = FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450		

CH. 10 - MEANS OF EGRESS

2ND FLOOR OCCUPANT LOAD SUMMARY				
OCCUPANCY	ROOM #	FLOOR AREA	LOAD FACTOR	# OF OCCUPANTS
B	200	225 SF	1/15 NET	15
B	202	256 SF	1/15 NET	17
B	201, 203-211, 213-216	3001 SF	1/150 GROSS	20
H-4	217	355 SF	1/300 GROSS	2
TOTAL		3837 SF		54
ACTUAL # OF EMPLOYEES				11

1011.7.3 ENCLOSURES UNDER INTERIOR STAIRWAYS

THE WALLS AND SOFFITS WITHIN ENCLOSED USEABLE SPACES UNDER ENCLOSED STAIRWAYS SHALL BE PROTECTED BY 1-HOUR FIRE-RESISTANCE RATED CONSTRUCTION.

CH. 34 - EXISTING BUILDINGS

3403.1.3.1 PRESCRIPTIVE COMPLIANCE METHOD
ALTERATIONS COMPLYING WITH SECTION 3405 SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CHAPTER.

PRESCRIPTIVE COMPLIANCE METHOD IS THE CHOSEN METHOD FOR THIS PROJECT

3403.6.7.1 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION

WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION, INCLUDING THE ROUTE FROM THE AREA OF PRIMARY FUNCTION TO THESE FACILITIES, SHALL BE ACCESSIBLE.

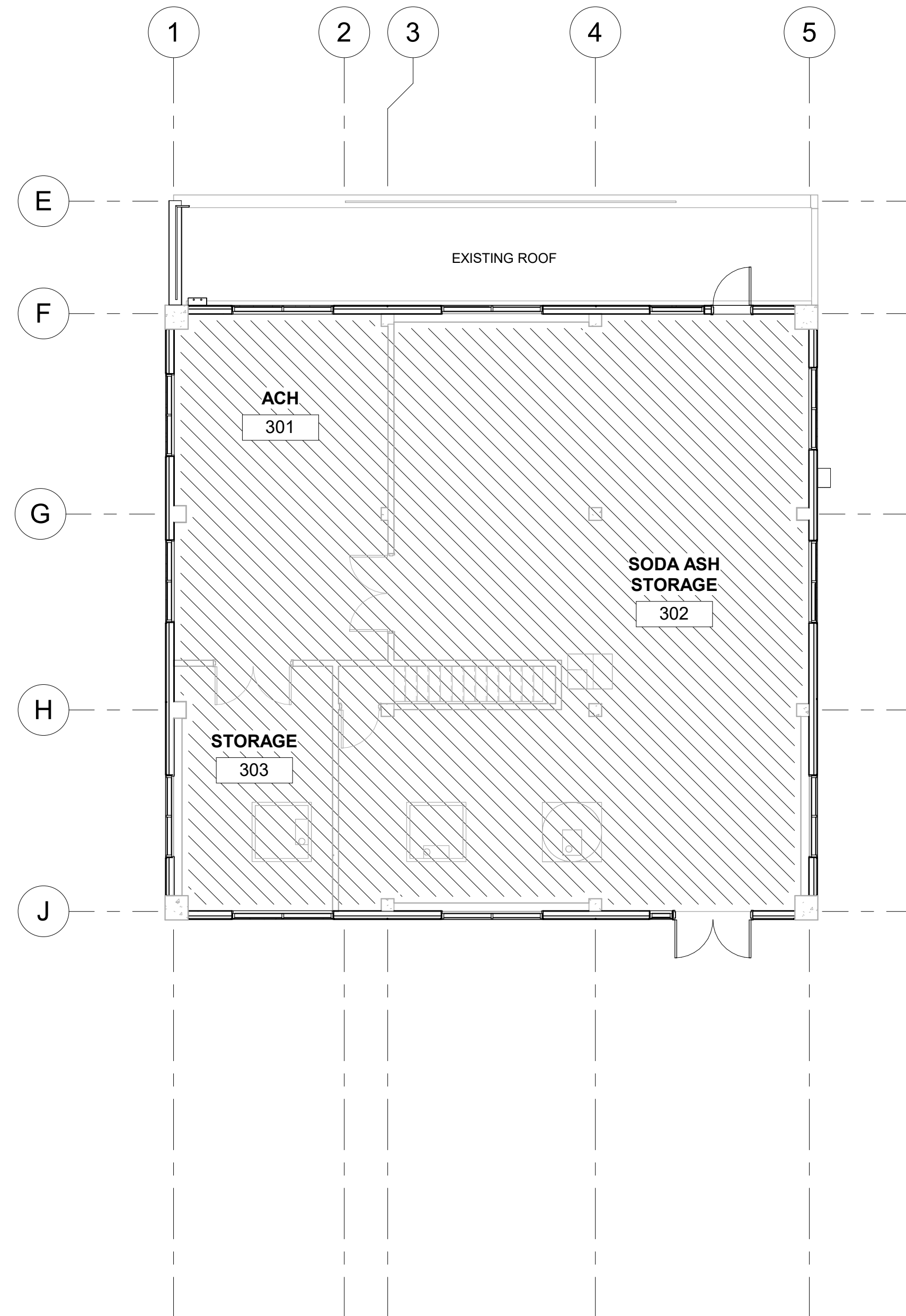
THIS ALTERATION PROJECT INCLUDES REMODEL OF THE EXISTING RESTROOM AND LOCKER ROOM ON THE FIRST FLOOR TO BE ADA COMPLIANT, CONSTRUCTING TWO NEW ADA COMPLIANT SINGLE-USER RESTROOMS ON THE SECOND FLOOR, AND REPLACING EXISTING RAILING AT BOTH STAIRS TO THE SECOND FLOOR WITH ADA COMPLIANT HANDRAILS.

3405.3.1 GENERAL

ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THIS CODE FOR NEW CONSTRUCTION. ALTERATION SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS COMPLIANT WITH THE PROVISIONS OF THIS CODE FOR NEW CONSTRUCTION THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION.

THE PROPOSED ALTERATIONS DO NOT MAKE THE EXISTING BUILDING ANY LESS COMPLIANT THAN BEFORE. IN FACT, THE PROPOSED ALTERATIONS BRING THE BUILDING CLOSER INTO COMPLIANCE THAN IT WAS WITH THE FOLLOWING:

- ADDS ADA COMPLIANT RESTROOMS ON THE SECOND FLOOR
- IMPROVES THERMAL ENVELOPE ON SECOND AND THIRD FLOORS
- ENCLOSURES THE CHEMICAL FEED ROOM ON THE SECOND FLOOR IN AN 2-HR RATED ENCLOSURE
- ENCLOSURES THE USABLE SPACE UNDER INTERIOR STAIRS ON THE SECOND FLOOR IN A 1-HR RATED ENCLOSURE



3 THIRD FLOOR CODE PLAN
1/8" = 1'-0"



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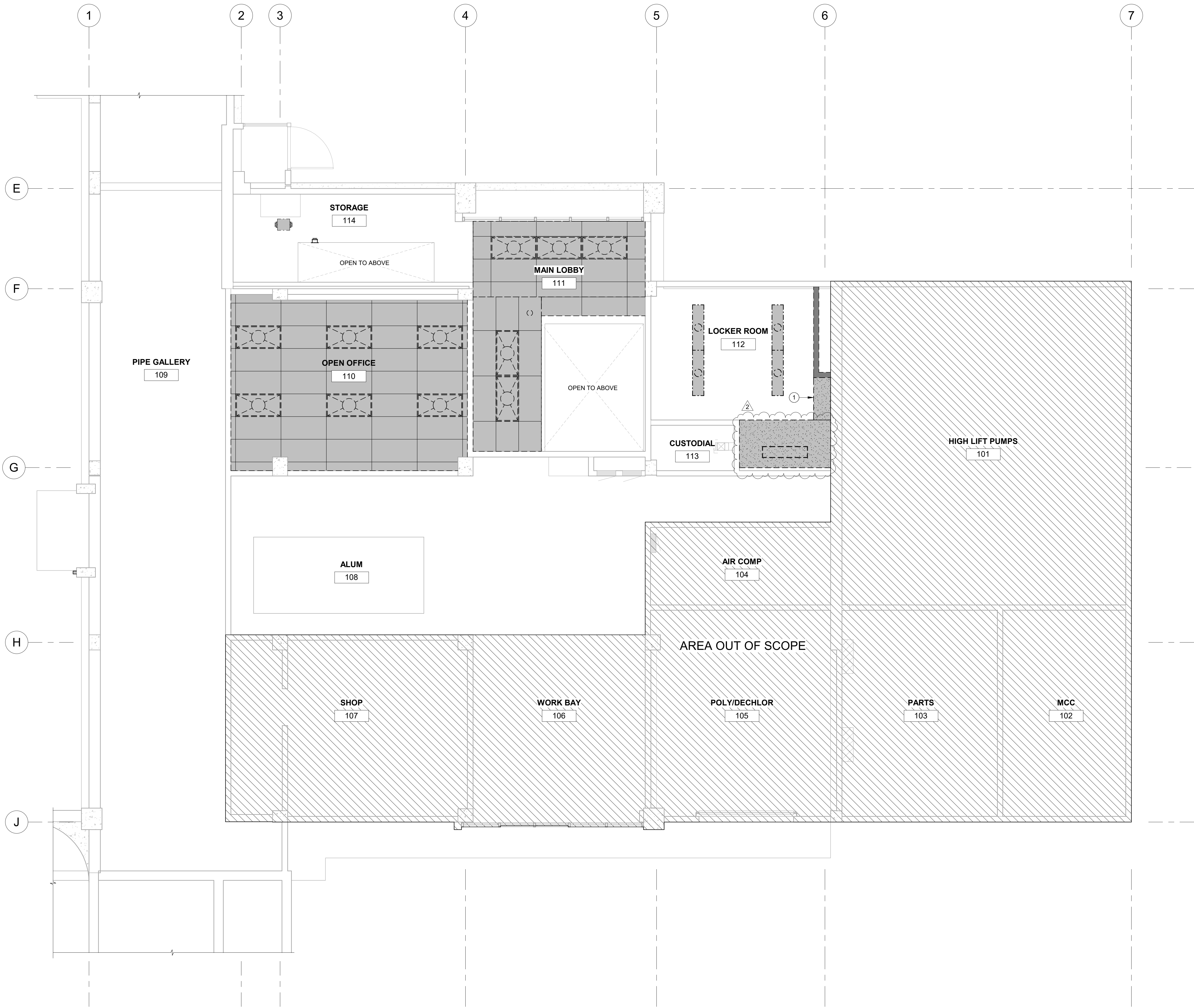
PROJECT NO. P-3116-26
DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

CODE PLAN

G1.00

BID AND PERMIT SET

Autodesk Docs\\P3116 Clackamas River Water\\P3116_ARCH\\R2b.rvt 9/4/2026 7:54:45 AM ONE INCH EQUALS FULL SCALE



1 DEMO REFLECTED CEILING PLAN - FIRST FLOOR
D2.10 1/4" = 1'-0"

DEMO RCP GENERAL NOTES

- A. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND TECHNOLOGY DRAWINGS FOR FULL SCOPE OF MEP DEMOLITION. ONLY SHOWN IN ARCHITECTURAL DRAWINGS FOR REFERENCE. PATCHING AND INFILL OF FLOORS, WALLS, CEILINGS, AND ROOF ASSEMBLIES AFFECTED BY MEP DEMOLITION IS INCLUDED IN THE SCOPE OF WORK, WHETHER OR NOT INDICATED. MATCH ADJACENT CONSTRUCTION AND MAINTAIN ALL REQUIRED FIRE-RESISTANCE RATINGS.
- B. ALL EXISTING BUILDING COLUMNS, EXTERIOR WALLS AND STRUCTURAL MEMBERS TO REMAIN, U.N.O.
- C. OBTAIN DEMOLITION PERMITS AND INCLUDE ALL COSTS OF SAME IN CONTRACT PRICE.
- D. CONTRACTOR SHALL MAINTAIN CONSTRUCTION AREA(S) FREE OF DUST AND DEBRIS FOR THE DURATION OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR DISPOSAL OR REMOVAL OF ALL DEBRIS AND MISCELLANEOUS MATERIALS. AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION.
- E. FURNISH ALL LABOR AND MATERIALS/EQUIPMENT TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED. PATCH AND REPAIR INTERIOR SPACE AS REQUIRED UPON COMPLETION OF DEMOLITION. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH PROJECT TEAM BEFORE PROCEEDING.
- F. IN PARTITIONS TO BE REMOVED, REMOVE AND CAP ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC., TO THEIR SOURCE.
- G. WHERE INTERIOR PARTITIONS, COLUMN FURRING, FIXTURES, CABINETRY, DOORS AND DOOR FRAMES, ARE SCHEDULED FOR REMOVAL, DISPOSE OF ALL DEBRIS AND PATCH FLOOR AND WALLS AS REQUIRED. PREPARE SURFACES FOR NEW FINISHES U.N.O. TYPICAL THROUGHOUT ENTIRE SPACE.
- H. REMOVE ALL ABANDONED ELECTRICAL CONDUIT, CABLING BACKBOARD AND EQUIPMENT, TYPICAL THROUGHOUT ENTIRE SPACE.
- I. IN ADDITION TO SPECIFIC DEMOLITION SCOPE IDENTIFIED, PERFORM MISCELLANEOUS DEMOLITION AS REQUIRED TO SUPPORT NEW CONSTRUCTION.
- J. NO EXISTING SMOKE DETECTOR, FIRE ALARM BOX OR SIMILAR DEVICE, INCLUDING THE ASSOCIATED WIRING SHALL BE DAMAGED DURING DEMOLITION AND SUBSEQUENT CONSTRUCTION.
- K. RELOCATION OF SMOKE DETECTORS, AND FIRE ALARM EQUIPMENT, NECESSITATED BY NEW CONSTRUCTION, SHALL BE ACCOMPLISHED AS A FIRST PRIORITY, AND PER THE PLANS. NO ACTIVE SMOKE DETECTOR SHALL BE PERMANENTLY COVERED OR OTHERWISE REMOVED OR USED FOR OTHER THAN ITS INTENDED PURPOSE. REMOVE TEMPORARY COVERS DAILY.
- L. REMOVAL OF ANY EQUIPMENT, CABLING SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED WITH OWNER/TENANT AND PROJECT TEAM.
- L. EXISTING ELEMENTS SHOWN ON PLANS IS BASED ON AS-BUILT DRAWINGS AND NON-DESTRUCTIVE SITE OBSERVATION. FIELD VERIFY LOCATIONS, QUANTITIES AND CONFIGURATIONS OF EXISTING ELEMENTS. NOTIFY PROJECT TEAM IF EXISTING CONDITIONS ARE MATERIALLY DIFFERENT THAN WHAT IS SHOWN ON FLOOR PLANS. MARK MATERIAL DIFFERENCES DISCOVERED ON CONTRACTOR RED-LINED AS BUILTS.

DEMO RCP LEGEND

- (E) CEILING TO BE DEMOLISHED
- (E) GYP BD CEILING
- (E) ACT CEILING
- (E) WALL TO BE DEMOLISHED
- (E) CEILING BEAM TO REMAIN
- ELEMENT TO BE DEMOLISHED
- (E) LIGHTING
- (E) HVAC REGISTER
- (E) EXIT PLACARD

KEYNOTES

- 1 DEMO PORTION OF GYP BD SOFFIT



CLACKAMAS RIVER WATER
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CLACKAMAS, OR 97015

WTP BUILDING IMPROVEMENTS 2026

CRW #: 25-1199

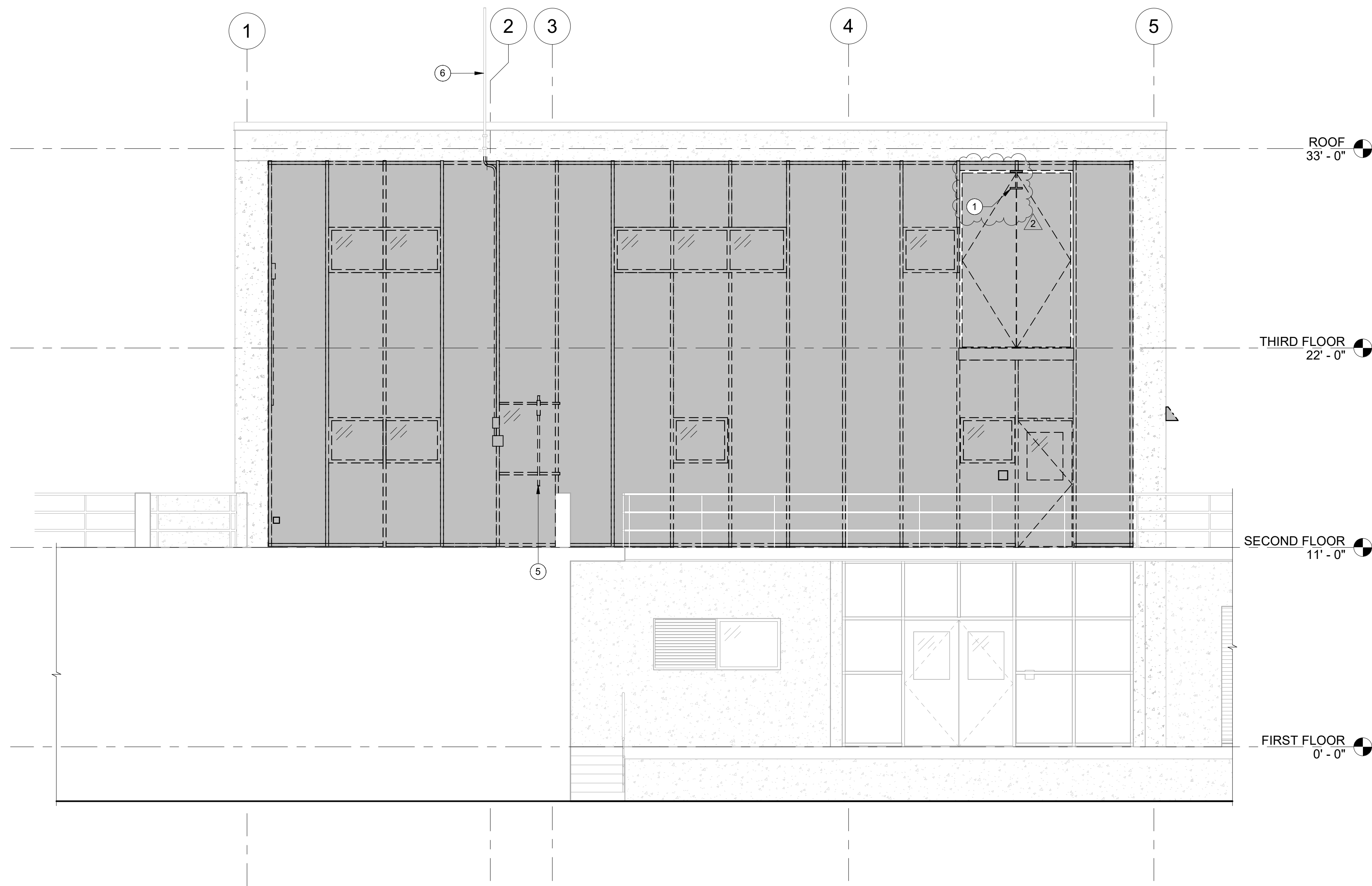


DESCRIPTION	DATE:
2 ADDENDUM 2	09-04-2026

PROJECT NO. P-3116-26
DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

DEMO FIRST FLOOR REFLECTED CEILING PLAN
D2.10

BID AND PERMIT SET



1 DEMO EXT ELEVATION - SOUTH
D4.20 1/4" = 1'-0"

DEMO ELEVATION LEGEND

- (E) SIDING TO REMAIN. PREP FOR PAINT, TYP
- (E) CURTAIN WALL SYSTEM TO BE DEMOLISHED
- (E) EIFS SIDING TO BE DEMOLISHED
- (E) ALM LAP SIDING TO BE DEMOLISHED

KEYNOTES

- 1 DEMO HOIST RAIL. ANCHOR BOLTS TO REMAIN
- 2 DEMO SHEET METAL COPING
- 3 REMOVE GUARDRAIL AND PREP FOR REINSTALLATION
- 4 DEMO PREFINISHED SHEET METAL CONDUCTOR HEAD AND DOWNSPOUT. PROTECT IN PLACE (E) DRAINAGE OUTLET AT CONCRETE FLOOR
- 5 REMOVE ANTENNA AND SUPPORT BRACKETS AND PREP FOR REINSTALLATION
- 6 (E) ANTENNA. PROTECT IN PLACE. REMOVE (E) CONDUIT CONNECTION FOR REINSTALLATION IN CAVITY OF (N) WALL
- 7 DEMO STOREFRONT SYSTEM
- 8 DEMO PORTION OF SHEET METAL WALL FLASHING

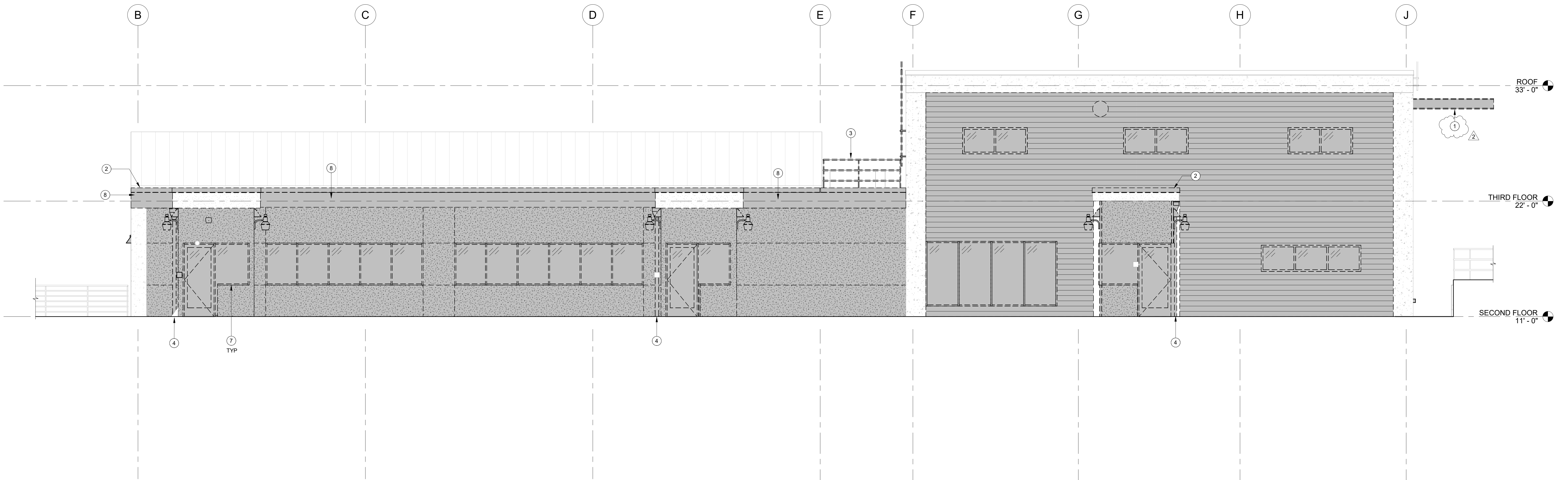


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CRW #: 25-1199



2 DEMO EXT ELEVATION - WEST
D4.20 1/4" = 1'-0"



DESCRIPTION	DATE
2 ADDENDUM 2	09-04-2026

PROJECT NO. P-3116-26
DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

DEMO EXTERIOR ELEVATIONS

D4.20

BID AND PERMIT SET

ONE INCH EQUALS FULL SCALE

CEILING FINISHES						
FINISH CODE	MATERIAL	MANUFACTURER	STYLE / COLOR	SIZE / NRC RATING	INSTALLATION NOTES	
ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	DUNE LAY-IN REGULAR 1775 / WHITE	24" x 24" x 5/8" / 0.50	9/16" SUPRAPINE XL SUSPENSION SYSTEM	
ACT2	ACOUSTICAL CEILING TILE	ARMSTRONG	FINE FISSURED HIGH NRC 1754 / WHITE	24" x 24" x 7/8" / 0.75		
BAF	ACOUSTICAL BAFFLE	CSI CREATIVE	SINGLE BAFFLES 001 / ENGLISH WALNUT	3/4" T / LENGTH PER PLAN	SPACE 6" OC	

W12 | INTERIOR WALL | NON-RATED |

5/8" GYP BD, FINISH PER PLAN
 4" CFS STUDS @ 16" OC
 4" CFS BATT INSULATION
 1" AIR GAP
 (E) CONCRETE WALL

#

INDICATES ASSEMBLY FOOTNOTE

INDICATES ASSEMBLY TYPE

GENERAL ASSEMBLY NOTES:

A. PROVIDE BLOCKING AS REQUIRED TO SECURE WALL HUNG COMPONENTS.

B. PROVIDE "MOISTURE RESISTANT GYPSUM" IN ALL WEED LOCATIONS ADJACENT TO PLUMBING FIXTURES

C. PROVIDE CEMENTITIOUS BOARD AT ALL SURFACES TO RECEIVE TILE FINISH

D. EXTEND ALL COMPONENTS THROUGH A CEILING/TIC TO UNDERSIDE OF DECK ABOVE, U.N.O.

E. ON EXPOSED GYPSUM SURFACES, FINISH SHALL BE LEVEL 4 U.N.O.

F. REFER TO SHEET A8.30 FOR TYPICAL CFS WALL FRAMING DETAILS.

ASSEMBLY FOOTNOTES:

1. RUN TO BOTTOM OF CONC STAIRS.

2. PROVIDE ADDITIONAL LAYERS OF TYPE 'X' GYP BD TO FLUSH OUT W (E) WALL EACH SIDE.

PROVIDE ACOUSTIC TREATMENT AS FOLLOWS:

• PROVIDE CONT ACOUSTIC SEALANT ALONG TOP AND BOTTOM TRACK, AND AT ALL PERIMETER CONDITIONS.

• SEAL ALL THROUGH PENETRATIONS W/ ACOUSTIC SEALANT, WHERE WALL CROSSES DUCT OR CEILING PLENUM, SEAL DUCT PENETRATIONS AND PROVIDE DUCT SILENCERS.

• OFFSET ANY ELEC OR DATA BOXES ON OPPOSITE WALL FACES MIN 24" HORIZ. PROVIDE ACOUSTIC GASKET BOXES OR PUTTY PADS AT EA OUTLET.

W1 | EXTERIOR WALL | NON-RATED |

-EXTERIOR-
FIBER CEMENT PANEL SIDING
1x4 (FRT) PT FIRE-RETARDANT-TREATED FURRING, FASTEN W/ #14x4" SELF DRILLING SCREWS @ 12" OC
2" MINERAL WOOL RIGID INSULATION, R-8 MIN
FLUID APPLIED AIR BARRIER MEMBRANE
15/32" FIRE-RETARDANT-TREATED PLYWOOD SHEATHING, FASTEN W/ #8 SCREWS @ 12" OC FIELD AND 6" OC PANEL EDGE
4" 400S162-54 [50] CFS STUDS @ 16" OC
MINERAL WOOL BATT INSULATION, R-13 MIN
5/8" GYP BD, FINISH PER PLAN
-INTERIOR-

W2 | EXTERIOR WALL | NON-RATED |

-EXTERIOR-
FIBER CEMENT PANEL SIDING
1x4 (FRT) PT FIRE-RETARDANT-TREATED FURRING, FASTEN W/ #14x4" SELF DRILLING SCREWS @ 12" OC
2" MINERAL WOOL RIGID INSULATION, R-8 MIN
FLUID APPLIED AIR BARRIER MEMBRANE
15/32" FIRE-RETARDANT-TREATED PLYWOOD SHEATHING, FASTEN W/ #8 SCREWS @ 12" OC FIELD AND 6" OC PANEL EDGE
4" 400S162-54 [50] CFS STUDS @ 16" OC
MINERAL WOOL BATT INSULATION, R-13 MIN
E) PLYWOOD
E) CONCRETE WALL
-INTERIOR-

W3 | INTERIOR WALL | NON-RATED |

5/8" GYP BD, FINISH PER PLAN
4" 400S300-68 [50] CFS STUDS @ 16" OC
SOUND BATT INSULATION
5/8" GYP BD, FINISH PER PLAN

W4 | INTERIOR WALL | NON-RATED |

5/8" GYP BD, FINISH PER PLAN
5-1/2" 2502S125-33 [33] CFS STUDS @ 16" OC
SOUND BATT INSULATION
5/8" GYP BD, FINISH PER PLAN

W5 | INTERIOR WALL | NON-RATED |

5/8" GYP BD, FINISH PER PLAN
ALIGN W/ FACE OF (E) WALL
4" 400S300-68 [50] CFS STUDS @ 16" OC
STAGGER EA STUD
SOUND BATT INSULATION
5/8" GYP BD, FINISH PER PLAN
ALIGN W/ FACE OF (E) WALL

W6 | INTERIOR WALL | 1 HR PARTITION | GA FILE NO. WP 1072

5/8" TYPE 'X' GYP BD, FINISH PER PLAN
4" 400S300-68 [50] CFS STUDS @ 16" OC
SOUND BATT INSULATION
5/8" TYPE 'X' GYP BD, FINISH PER PLAN

W7 | INTERIOR WALL | 2 HR FIRE BARRIER | GA FILE NO. WP 1522

(2) LAYERS 5/8" TYPE 'X' GYP BD, FINISH PER PLAN
4" 400S300-68 [50] CFS STUDS @ 16" OC
SOUND BATT INSULATION
(2) LAYERS 5/8" TYPE 'X' GYP BD, FINISH PER PLAN

W8 | INTERIOR WALL | NON-RATED |

5/8" GYP BD, FINISH PER PLAN
2-1/2" 2502S137-33 [33] CFS STUDS @ 16" OC
SOUND BATT INSULATION

W9 | EXTERIOR WALL | NON-RATED |

-EXTERIOR-
FIBER CEMENT PANEL SIDING
1x4 (FRT) PT FIRE-RETARDANT-TREATED FURRING, FASTEN W/ #14x4" SELF DRILLING SCREWS @ 12" OC
2" MINERAL WOOL RIGID INSULATION, R-8 MIN
FLUID APPLIED AIR BARRIER MEMBRANE
15/32" FIRE-RETARDANT-TREATED PLYWOOD SHEATHING, FASTEN W/ #8 SCREWS @ 12" OC FIELD AND 6" OC PANEL EDGE
2-1/2" 2502S137-33 [33] CFS STUDS @ 16" OC
CLOSED CELL POLYURETHANE SPRAY FOAM INSULATION, R-13 MIN
5/8" GYP BD, FINISH PER PLAN
-INTERIOR-

W10 | INTERIOR WALL | NON-RATED |

5/8" GYP BD, FINISH PER PLAN
4" 400S300-68 [50] CFS STUDS @ 16" OC
SOUND BATT INSULATION
1/2" RESILIENT CHANNEL, RUN HORIZ
5/8" GYP BD, FINISH PER PLAN

W11 | EXTERIOR WALL | NON-RATED |

-EXTERIOR-
FIBER CEMENT PANEL SIDING
1x4 (FRT) PT FIRE-RETARDANT-TREATED FURRING, FASTEN W/ #14x4-1/2" COUNTERSUNK HEAD TITEN HD ANCHORS @ 16" OC
2" MINERAL WOOL RIGID INSULATION, R-8 MIN
FLUID APPLIED AIR BARRIER MEMBRANE
E) CONCRETE WALL
2-1/2" 2502S137-33 [33] CFS STUDS @ 16" OC
CLOSED CELL POLYURETHANE SPRAY FOAM INSULATION, R-13 MIN
5/8" GYP BD, FINISH PER PLAN
-INTERIOR-

CLACKAMAS RIVER WATER
16770 SE 82ND DR,
CLACKAMAS, OR 97015

WTP BUILDING IMPROVEMENT 2026
CRW #: 25-1199

Clackamas River Water

REGISTERED ARCHITECT
Matthew J. Crawford
STATE OF OREGON

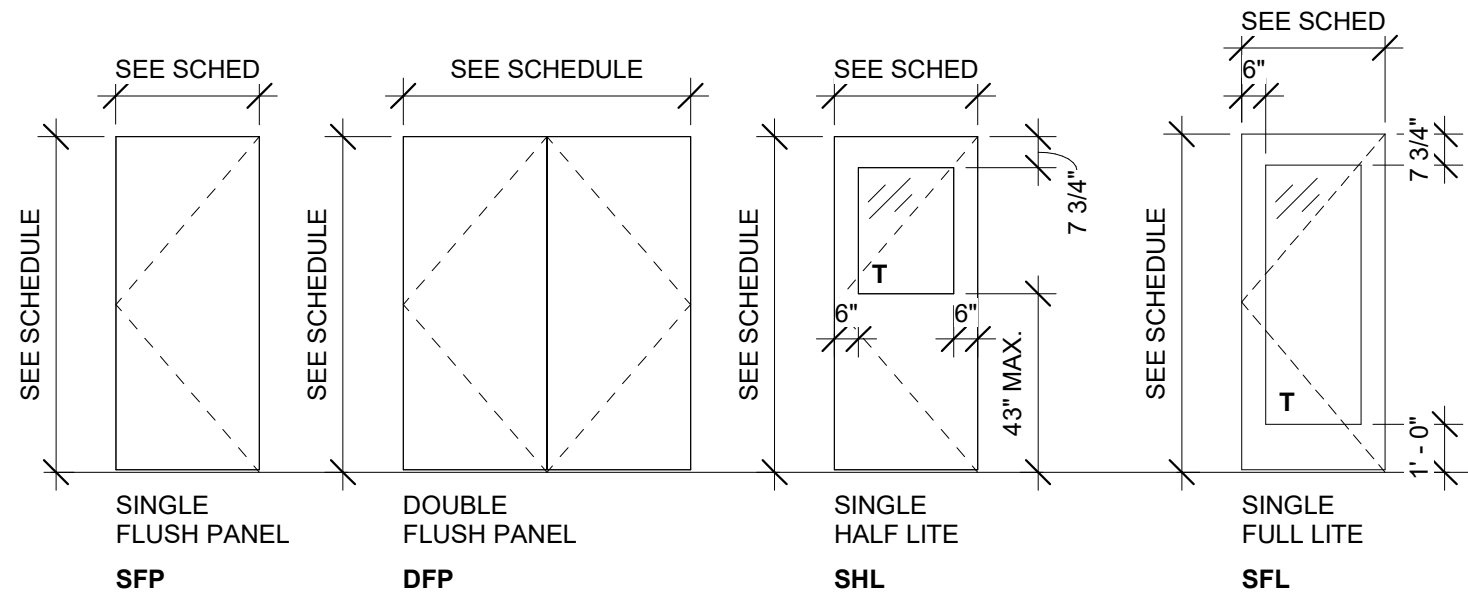
DESCRIPTION	DATE:
1. ADDENDUM 1	08-21-2026
2. ADDENDUM 2	09-04-2026
PROJECT NO.	P-3116-26
DESIGNED:	TBS/EWC
REVISED:	MJC
DATE:	08-07-2026

ASSEMBLIES AND FINISH SCHEDULES

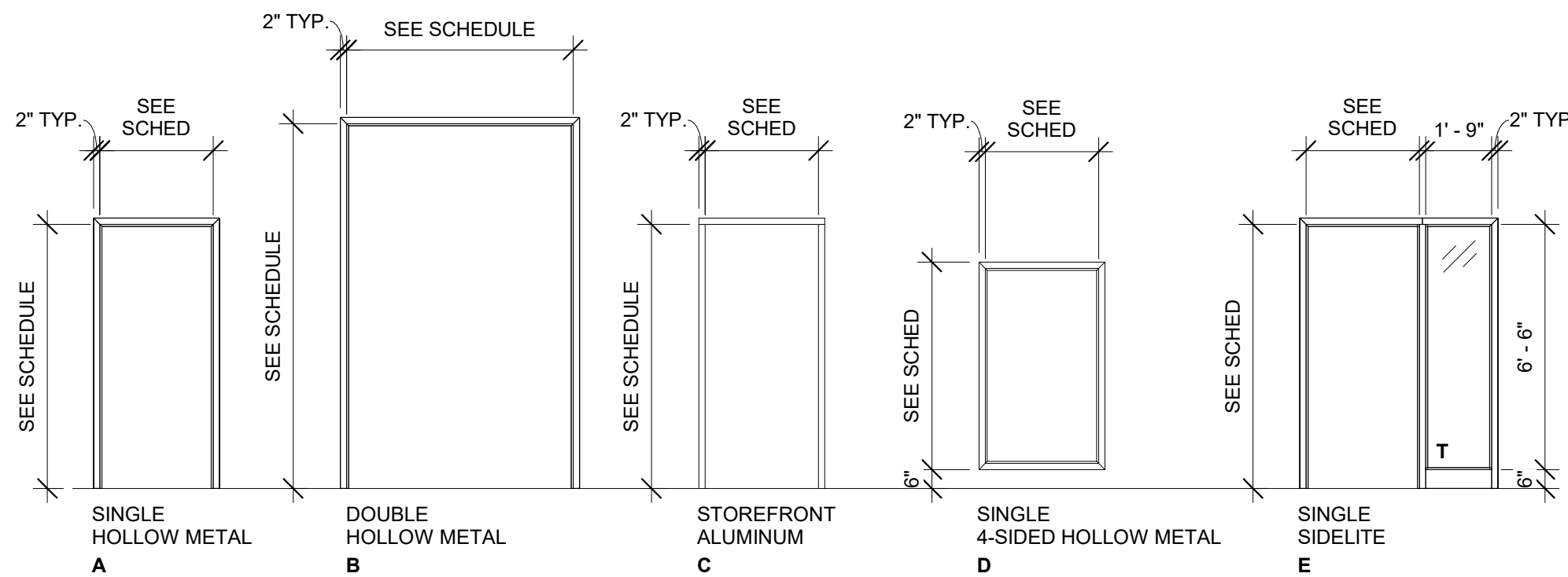
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DOOR TYPES
1/4" = 1'-0"



FRAME TYPES
1/4" = 1'-0"

DOOR, FRAME AND HARDWARE SCHEDULE																		
DOOR NUMBER	ROOM NUMBER	ROOM NAME	SIZE			DOOR		GLAZING	NOTES	FRAME		FIRE RATING	HARDWARE		DETAILS			
			W	H	T	MTL	TYPE			MTL	TYPE		NOTES	GROUP	NOTES	HEAD	JAMB	SILL
110A	110A	SCADA SERVER	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	6, 8	HM	A	1	-	1	1	6/A9.00	6/A9.00	-
110B	110B	SCADA OFFICE	3'-10"	7'-0"	0'-1 3/4"	HM	SHL	T, 1" IGU	6, 7, 8	HM	E	1	-	18	1	10/A9.00	10/A9.00	-
112A	112A	RR	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	3	HM	A	1	-	3	-	2/A9.00	2/A9.00	-
112B	112B	LOCKER ROOM	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	6, 8	HM	A	1	-	4	-	9/A9.00	9/A9.00	-
201A	201	BREAK	3'-0"	7'-0"	0'-1 3/4"	ALM	SFL	T, 1" IGU	1	ALM	C	1	-	5	-	3/A8.10	8/A8.10	13/A8.10
201B	201	BREAK	2'-6"	7'-0"	0'-1 3/4"	ALM	SFL	T, 1" IGU	1, 9	ALM	C	1, 2	-	6	1	4/A8.10	9/A8.10	14/A8.10
201C	201	BREAK	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	8	HM	A	1	-	19	-	2/A9.00	2/A9.00	-
202	202	CONFERENCE	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	8	HM	A	1	-	7	-	2/A9.00	2/A9.00	-
203	203	OPS OPEN OFFICE	2'-6"	7'-0"	0'-1 3/4"	ALM	SFL	T, 1" IGU	1, 9	ALM	C	1, 2	-	6	1	4/A8.10	9/A8.10	14/A8.10
204A	204	STAIR	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	2, 8	HM	A	1	20 MIN	8	-	2/A9.00	2/A9.00	-
204B	204	STAIR	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	-	HM	A	1	20 MIN	20	-	2/A9.00	2/A9.00	-
205A	205	WQ OFFICE	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	8	HM	A	1	19	-	-	2/A9.00	2/A9.00	-
205B	205	WQ OFFICE	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	8	HM	A	1	20 MIN	9	-	2/A9.00	2/A9.00	-
D-H-T-W-60																		
206	206	CONTROL ROOM	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	6, 8	HM	A	1	-	2	1	2/A9.00	2/A9.00	-
207	207	OPS LAB	2'-6"	7'-0"	0'-1 3/4"	ALM	SFL	T, IGU	1, 8, 9	ALM	C	1, 2	-	6	1	4/A8.10	9/A8.10	14/A8.10
209A	209	ANALYTICAL LAB	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T, D-H-45	8	HM	A	1	45 MIN	10	-	2/A9.00	2/A9.00	-
209B	209	ANALYTICAL LAB	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T, D-H-45	8	HM	E	1, 3	45 MIN	11	-	14/A9.00	14/A9.00	14/A9.00
210	210	STAIR	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	-	HM	A	1	20 MIN	8	-	2/A9.00	2/A9.00	-
D-H-T-W-60																		
211	211	MANAGER OFFICE	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	8	HM	A	1	-	-	1	2/A9.00	2/A9.00	-
212	212	RR	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	4	HM	A	1	-	-	-	2/A9.00	2/A9.00	-
213	213	RR	3'-0"	7'-0"	0'-1 3/4"	WD	SFP	-	5	HM	A	1	-	12	-	2/A9.00	2/A9.00	-
214	214	SUPER OFFICE	3'-0"	7'-0"	0'-1 3/4"	WD	SHL	T	8	HM	A	1	-	2	1	2/A9.00	2/A9.00	-
215	215	CUSTODIAL	2'-6"	7'-0"	0'-1 3/4"	HM	SFP	-	7	HM	A	1	20 MIN	13	-	2/A9.00	2/A9.00	-
216	216	CHEMICAL FEED	3'-0"	7'-0"	0'-1 3/4"	HM	SHL	T, D-H-W-90	7	HM	A	1	90 MIN	14	-	2/A9.00	2/A9.00	-
302A	302	SODA ASH STORAGE	3'-0"	7'-0"	0'-1 3/4"	EXISTING	EXISTING	EXISTING	-	EXISTING	EXISTING	1	-	EXISTING	15	2	-	-
302B	302	SODA ASH STORAGE	6'-0"	9'-8"	0'-1 3/4"	FG	DFP	EXISTING	1	FG	B	1, 2, 4	-	16	-	1/A8.10	6/A8.10	11/A8.10
302C	302	SODA ASH STORAGE	3'-0"	5'-6"	0'-1 3/4"	HM	SFP	-	1	HM	D	1, 2	-	17	-	2/A8.10	7/A8.10	12/A8.10

DOOR, FRAME AND HARDWARE SCHEDULE NOTES

DOOR, FRAME & HARDWARE GENERAL NOTES

- ALL CLOSERS TO COMPLY WITH ANSI A117.1-2017, SECTION 404.2
- CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES WITH DOOR MANUFACTURER. SEE FLOOR PLANS FOR DOOR SWING.
- PROVIDE SAFETY GLAZING WHERE INDICATED
- PROVIDE SHOP DRAWINGS FOR ZCS AND OWNER REVIEW AND APPROVAL.
- ALL ALUMINUM STOREFRONT FRAMES TO HAVE FINISH UC109848 PERMAFLUOR DOVE GRAY.

DOOR NOTES

- DOOR SHALL BE INSULATED W/ A MAX U-VALUE OF U-0.63 AND A MAX SHGC OF 0.33
- 180 DEGREE SWING
- PROVIDE ACCESSIBLE RESTROOM SIGNAGE ON DOOR
- PROVIDE ACCESSIBLE MEN'S RESTROOM SIGNAGE ON DOOR
- PROVIDE ACCESSIBLE WOMEN'S RESTROOM SIGNAGE ON DOOR
- DOOR TO HAVE MIN STC RATINGS OF 50
- PAINT PT3
- PROVIDE SIGNAGE W/ ROOM NAME
- DARKER TINT GLAZING; SEE SPECS

FRAME NOTES

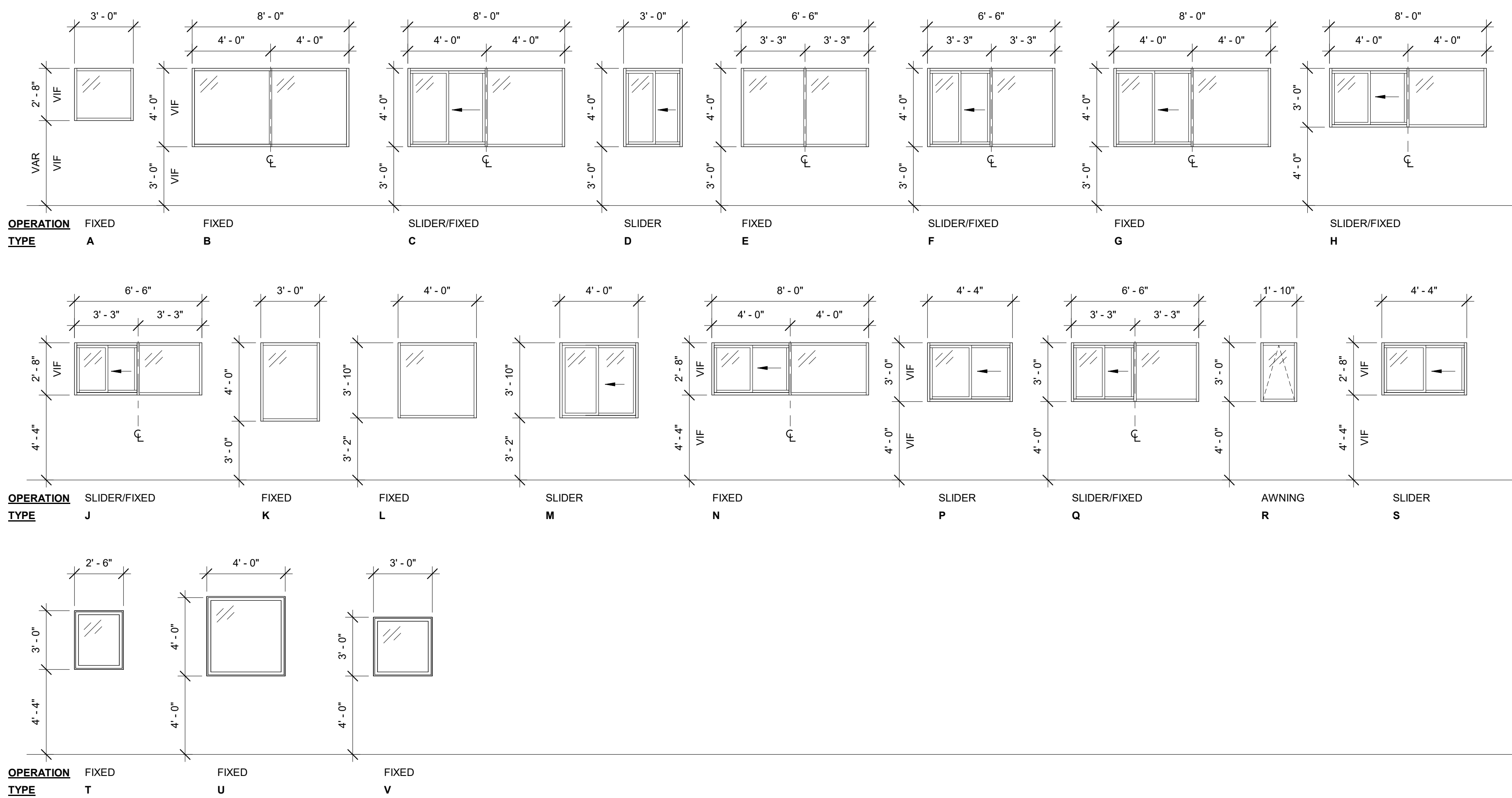
- PAINT PT6
- FRAME SHALL BE INSULATED AND THERMALLY BROKEN
- FIRE-RESISTANCE-RATED GLAZING ASSEMBLY TESTED TO ASTM E119 OR UL 263
- FIELD CUT HEAD FRAME AS REQ'D FOR INSTALLATION AROUND (E) HOIST BEAM

HARDWARE NOTES

- CARD READER, POWER SUPPLY ACCESS CONTROL AND WIRING BY OTHERS
- BALANCE OF EXISTING HARDWARE TO REMAIN

ABBREVIATIONS

- ALM ALUMINUM STOREFRONT
FG FIBERGLASS
HM WELDED HOLLOW METAL
IGU INSULATED GLASS UNIT
T TEMPERED SAFETY GLASS
WD WOOD, SOLID CORE WHITE OAK W/ CLEAR STAIN - SEE SPECS
- D-H-45 FIRE-RATED GLAZING MARKING - SEE OSSC 716.1(1)
D-H-W-80
D-H-T-W-60



WINDOW SCHEDULE NOTES

WINDOW, FRAME & HARDWARE GENERAL NOTES

- ALL EXTERIOR WINDOWS SHALL BE INSULATED GLAZING UNITS (IGUs)
- ALL WINDOWS SHALL BE CLEAR GLAZING UNO SURFACE 2 OF OUTER PANE OF GLASS TO BE LOW-E
- ALL WINDOWS SHALL COMPLY WITH ASTM E 774
- TO PROVIDE SAFETY GLAZING AS INDICATED ON PLANS
- ALL ALUMINUM WINDOW FRAMES TO HAVE FINISH UC109848 PERMAFLUOR DOVE GRAY.

FRAME NOTES

- 1 HR FIRE-RATED WINDOW FRAME ASSEMBLY
 - 2 HR FIRE-RATED PROTECTIVE FRAMED GLAZING ASSEMBLY
- GLAZING NOTES
- PRIVACY GLAZING
 - FIRE-RESISTANCE-RATED GLAZING ASSEMBLY TESTED TO ASTM E119 OR UL 263
 - FIRE-RESISTANCE-RATED GLAZING ASSEMBLY TESTED TO ASTM E119 OR UL 263
 - DARKER TINT GLAZING; SEE SPECS

ABBREVIATIONS

- ALM ALUMINUM
IGU INSULATED GLASS UNIT
T TEMPERED SAFETY GLASS
FRG FIRE-RESISTIVE-RATED GLAZING

WINDOW TYPES

1/4" = 1'-0"



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CLACKAMAS COUNTY STAMP

CLACKAMAS RIVER WATER
16770 SE 82ND DR.
CLACKAMAS, OR 97105

WTP BUILDING IMPROVEMENTS 2026

CRW #: 25-1199



DESCRIPTION	DATE
2 ADDENDUM 2	09-04-2026

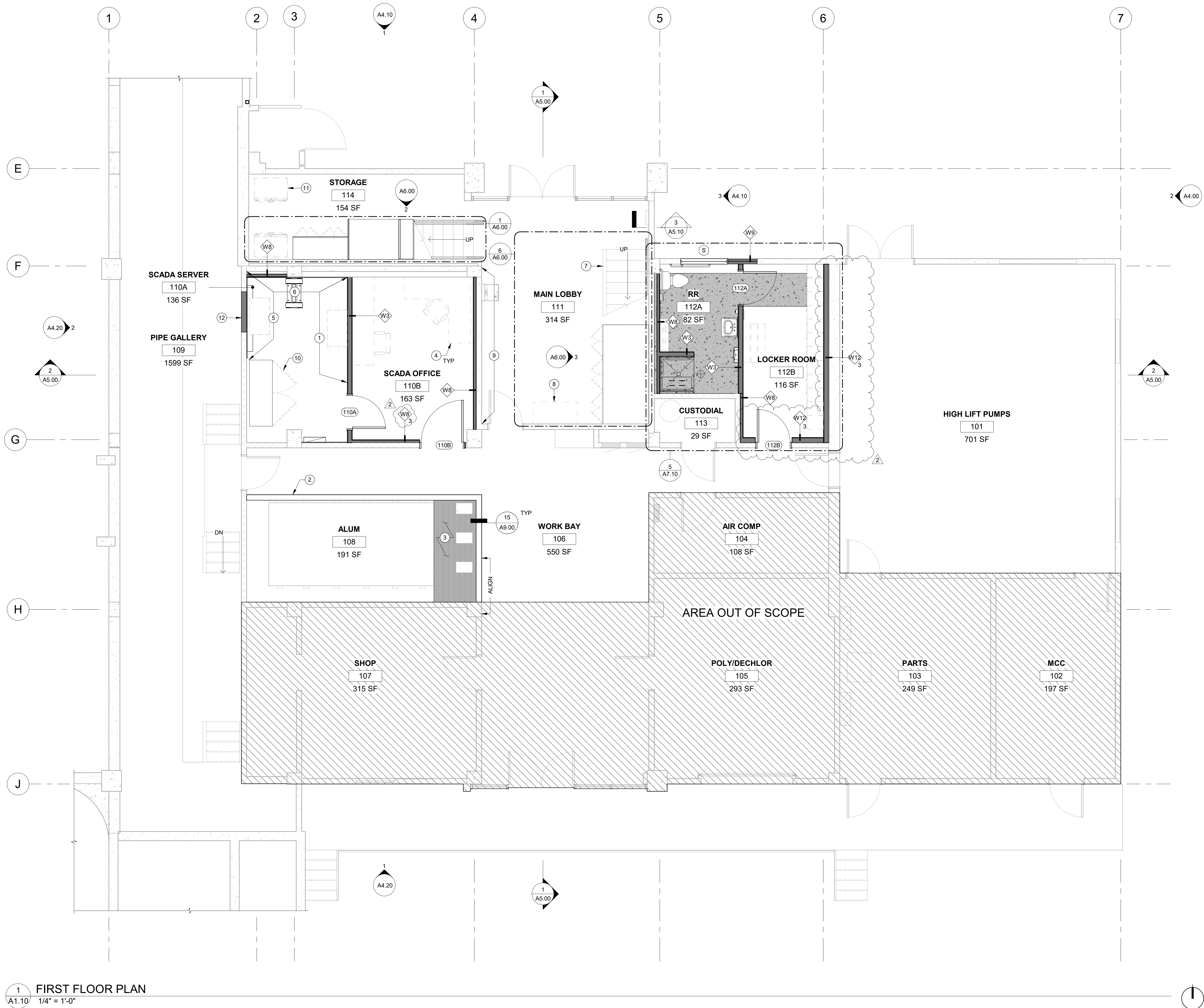
PROJECT NO. P-3116-26
DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

DOOR AND WINDOW SCHEDULES

A0.20

BID AND PERMIT SET

ONE INCH EQUALS FULL SCALE 9/4/2026 7:54:48 AM Autodesk Docs\\P3116 Clackamas River Water\\P3116_ARCH\\R261.rvt



1 FIRST FLOOR PLAN
A1.10 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

- VERIFY ALL DIMENSIONS AND NOTIFY PROJECT TEAM IF DISCREPANCIES OCCUR.
- G.C. TO PROVIDE FIRE BLOCKING AS REQUIRED PER CODE.
- G.C. SHALL PROVIDE ALL APPROPRIATE BACKING AS REQUIRED FOR ACCESSORIES AND OTHER MISCELLANEOUS ITEMS.
- G.C. TO COORDINATE INSTALLATION OF ALL UTILITIES WITH RESPECTIVE SUPPLIERS/SUBCONTRACTORS PRIOR TO CONSTRUCTION, TYPICAL.
- ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE SUPPRESSION AND LANDSCAPE TO BE DESIGN BUILD PER APPLICABLE CODES.
- ALL DIMENSION LINES TO THE FACE OF FRAMING, U.N.O.
- NEW OR RELOCATED DOORS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL OR SHALL BE RELOCATED FOUR INCHES FROM FINISH WALL TO HINGE SIDE OF DOOR.
- PATCH ALL ABANDONED CORE DRILL HOLES THROUGH CONCRETE FLOOR SLAB.

FLOOR PLAN LEGEND

- (E) CONG COLUMN TO REMAIN
- CONC PATCH OF (E) SLAB - SEE DETAIL S/A9.00
- CAST UNDERLAYMENT
- VINYL ESTER COATING
- TRAFFIC COATING OVER (E) CONG FLOOR
- (N) WALL, SEE ASSEMBLIES A0.10
- (E) CONG WALL TO REMAIN
- (E) CMU WALL TO REMAIN
- INDICATES (1) HR FIRE PARTITION
- INDICATES (2) HR FIRE BARRIER

KEYNOTES

- WALL AREA RESERVED FOR SCADA RACKS, BY OTHERS. SEE MEPT DRAWINGS FOR FURTHER INFO
- 18" H x 6" W CONG EQUIPMENT CURB W/ #4 @ 12" O.C. VERTICAL & HORIZONTAL REINFORCEMENT. DRILL AND BOND VERTICAL BARS 4" MIN INTO (E) SLAB
- EPOXY COATING APPLIED TO (N) CONG EQUIPMENT CURB, (E) CONG FLOOR, AND (E) CONG SUPPORT BRACKETS FOR ALUM TANK TO A HEIGHT OF 18" AFF
- FURNITURE, OFCI
- WALL AREA RESERVED FOR SECURITY RACKS/PANELS, BY OTHERS. SEE MEPT DRAWINGS FOR FURTHER INFO
- WALL AREA RESERVED FOR FIRE PANELS, BY OTHERS. SEE MEPT DRAWINGS FOR FURTHER INFO
- PATCH HOLES IN (E) CONG STRINGER WHERE GUARDRAIL WAS DEMOD. PAINT STRINGER BLACK
- REINSTALL (E) FISH TANK. COORDINATE FINAL LOCATION W/ OWNER
- REINSTALL (E) WALL-MTD MURAL OVER WD SLAT WALL FINISH
- REINSTALL (E) DATA CABINET
- FREEZER, OFCI
- INFILL WALL AT LOCATION OF DEMOD AIR CONDITIONER. MATCH ADJ WALL FINISH



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CLACKAMAS RIVER WATER
16770 SE 82ND DR.
CLACKAMAS, OR 97015

WTP BUILDING
IMPROVEMENTS
2026

CRW #: 25-1199



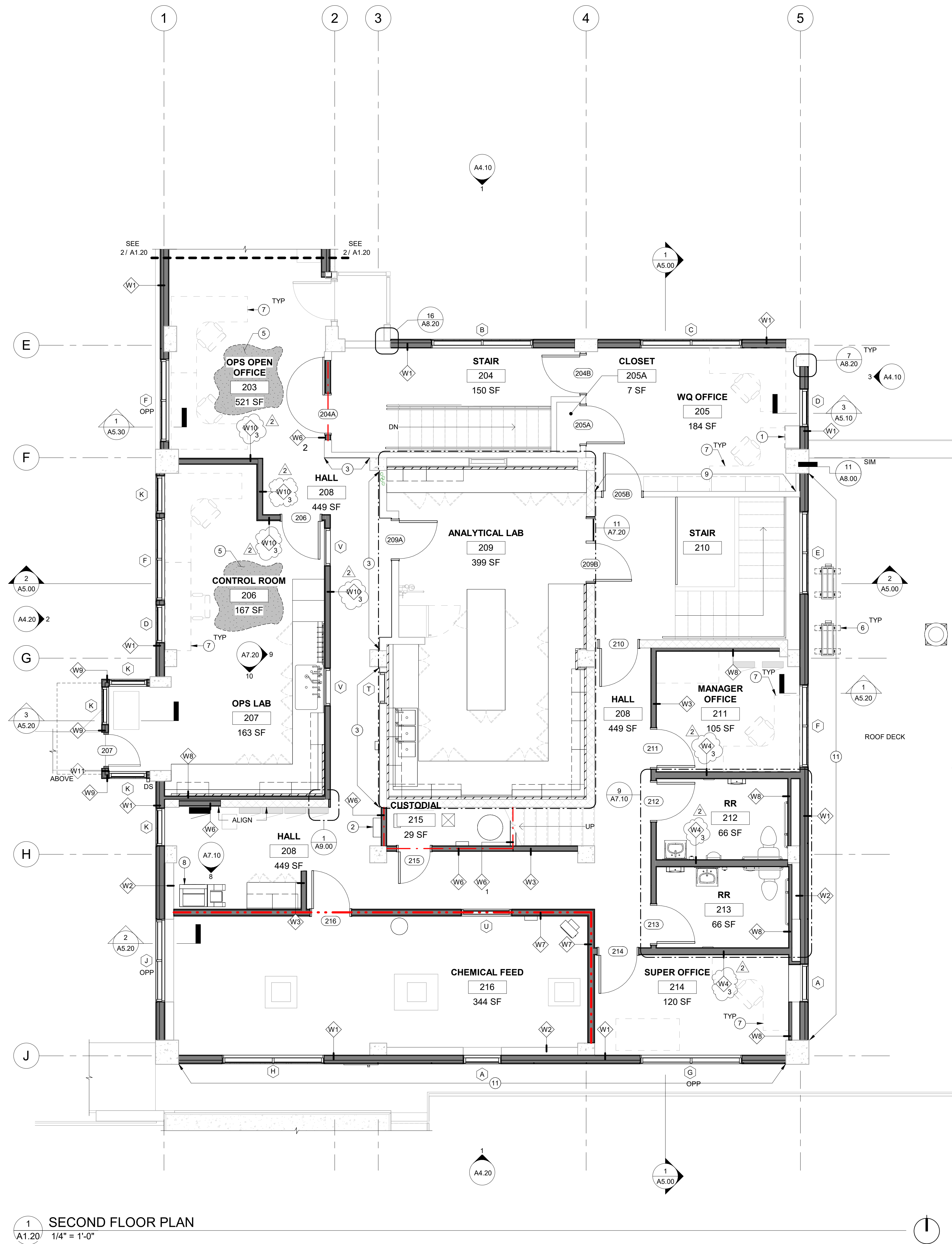
DESCRIPTION	DATE
1 ADDENDUM 1	08-21-2026
2 ADDENDUM 2	09-04-2026

PROJECT NO.	P-3116-26
DESIGNED:	TBS/EWC
REVIEWED:	MJC
DATE:	08-07-2026

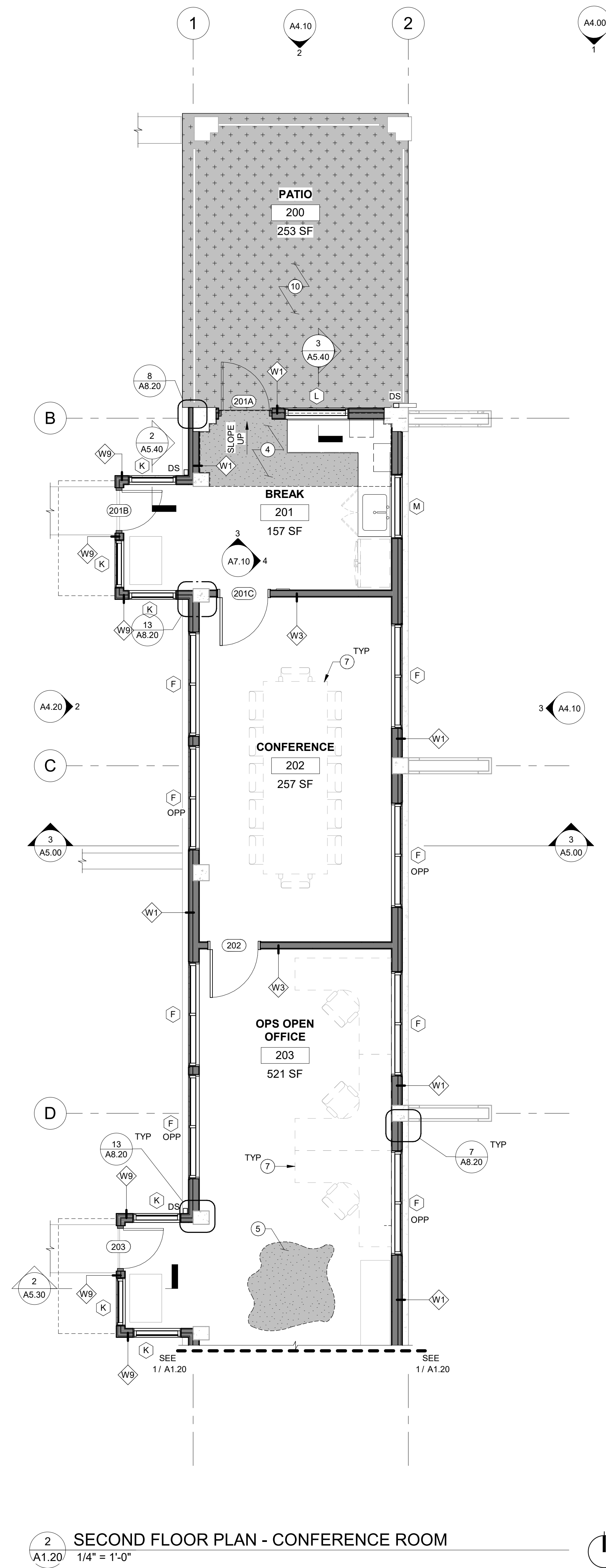
FIRST FLOOR PLAN

A1.10

BID AND PERMIT SET



1 SECOND FLOOR PLAN
A1.20 1/4" = 1'-0"



2 SECOND FLOOR PLAN - CONFERENCE ROOM
A1.20 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

- VERIFY ALL DIMENSIONS AND NOTIFY PROJECT TEAM IF DISCREPANCIES OCCUR.
- G.C. TO PROVIDE FIRE BLOCKING AS REQUIRED PER CODE.
- G.C. SHALL PROVIDE ALL APPROPRIATE BACKING AS REQUIRED FOR ACCESSORIES AND OTHER MISCELLANEOUS ITEMS.
- G.C. TO COORDINATE INSTALLATION OF ALL UTILITIES WITH RESPECTIVE SUPPLIERS/SUBCONTRACTORS PRIOR TO CONSTRUCTION, TYPICAL.
- ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE SUPPRESSION AND LANDSCAPE TO BE DESIGN BUILD PER APPLICABLE CODES.
- ALL DIMENSION LINES TO THE FACE OF FRAMING, U.N.O.
- NEW OR RELOCATED DOORS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL OR SHALL BE RELOCATED FOUR INCHES FROM FINISH WALL TO HINGE SIDE OF DOOR.
- PATCH ALL ABANDONED CORE DRILL HOLES THROUGH CONCRETE FLOOR SLAB.

FLOOR PLAN LEGEND

- (E) CONC COLUMN TO REMAIN
- CONC PATCH OF (E) SLAB - SEE DETAIL 5/A9.00
- CAST UNDERLAYMENT
- VINYL ESTER COATING
- TRAFFIC COATING OVER (E) CONC FLOOR
- (N) WALL, SEE ASSEMBLIES A0.10
- (E) CONC WALL TO REMAIN
- (E) CMU WALL TO REMAIN
- INDICATES (1) HR FIRE PARTITION
- INDICATES (2) HR FIRE BARRIER

KEYNOTES

- REINSTALL (E) CASEWORK
- REINSTALL (E) WALL-MTD AED
- APPLY 5/8" TYPE 'X' GYP BD TO (E) STUD WALL, FULL HEIGHT
- SELF-LEVELING UNDERLAYMENT, SLOPE TO 3/4" HIGH ABOVE (E) FLOOR LEVEL AT GRIDLINE 'B'
- PROVIDE SELF-LEVELING UNDERLAYMENT AS REQ'D TO ESTABLISH LEVEL SLAB THROUGHOUT ROOM. VERIFY EXTENTS IN FIELD; PROVIDE 200 TOTAL SQUARE FEET. SEE COVER SHEET G0.00 FOR ADDITIONAL UNIT PRICE.
- (N) PREMANUFACTURED SUPPORT CURBS FOR ROOFTOP UNIT SET IN MASTIC TO (E) ROOFING, SEE MECH
- FURNITURE, OFCI
- RELOCATE (E) PRINTER, SEE ELEC
- PATCH LOWER 24" OF GYP BD TO MATCH (E)
- FLUID-APPLIED TRAFFIC COATING OVER (E) CONCRETE AT PATIO
- PROVIDE 4" CONC CURB ANCHORED TO (E) SLAB W/ #5 DOWELS W/ STD 90 HOOK W/ HIT-RE 500 V3 W/ 4" EMBED @ 32" OC MAX AND #4 HORIZ. ROUGHEN (E) CONC SURFACE AND SET IN BONDING ADHESIVE PRIOR TO PLACEMENT OF (N) CURB.



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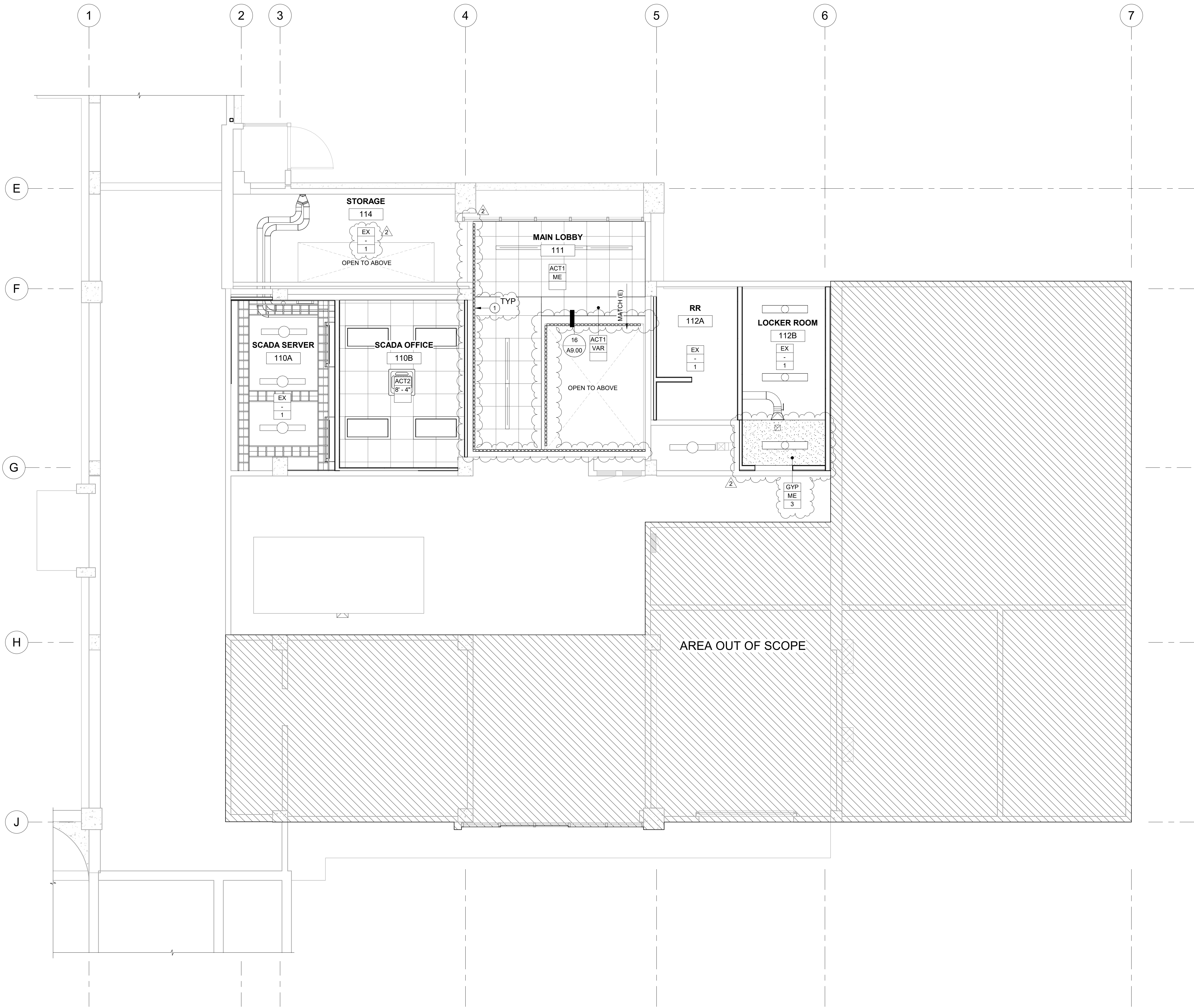
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SECOND FLOOR PLAN

A1.20

BID AND PERMIT SET

Autodesk Docs\\P3116 Clackamas River Water\\P3116_ARCH\\R26.rvt 9/4/2026 7:54:40 AM ONE INCH EQUALS FULL SCALE



1 REFLECTED CEILING PLAN - FIRST FLOOR
A2.10 1/4" = 1'-0"

RCP GENERAL NOTES

- A. REFER TO ARCHITECTURAL FLOOR PLAN FOR ADDITIONAL DIMENSIONS.
- B. ALL DIMENSIONS ARE REFERENCED TO FACE OF FRAMING U.N.O.
- C. ALL HEIGHT REFERENCES ARE TAKEN FROM DATUM-T.O.S. FOR AREA INDICATED.
- D. PROVIDE WALL BACKING FOR REINFORCEMENT AS REQUIRED.
- E. PROVIDE SOLID BLOCKING FOR ALL 'J' BOXES SUSPENDED LIGHT AND CEILING FAN FIXTURES, TELEVISION SUPPORT, ARTIFACT SHELVES AND ANY OTHER CEILING MOUNTED EQUIPMENT.
- F. ANY LIGHT NOT DIMENSIONALLY LOCATED TO BE CENTERED IN THE CEILING AREA OR ROOM AS APPLICABLE. ALL "CAN" TYPE FIXTURES TO BE MOUNTED IN THE CENTER OF THE CEILING TILES U.N.O.
- G. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL BE NOT LESS THAN 1 FOOTCANDLE AT THE WALKING SURFACE. ALONG EXIT ACCESS STAIRWAYS, EXIT STAIRWAYS AND AT THEIR REQUIRED LANDINGS, THE ILLUMINATION LEVEL SHALL NOT BE LESS THAN 10 FOOTCANDLES AT THE WALKING SURFACE WHEN THE STAIRWAY IS IN USE.
- H. PROVIDE OCCUPANCY SENSORS AND EMERGENCY BATTERY BACKUP IN ALL SPACES RECEIVING NEW LIGHTING.
- I. ALL EXPOSED CONDUITS AND 'J' BOXES SHALL BE PAINTED TO MATCH THE ADJACENT FINISH U.N.O.
- J. ALL ROOMS THAT ARE TO RECEIVE A CEILING PATCH SHALL BE PAINTED PTX IN ITS ENTIRETY U.N.O.

RCP LEGEND

- (N) SUSPENDED GYP BD CEILING
- (N) ACT CEILING
- LIGHTING FIXTURE - SEE ELEC
- MECHANICAL UNIT - SEE MECH

CEILING FINISHES

- ACT 2X2 ACOUSTICAL LAY-IN PANEL
- BAF ACOUSTICAL BAFFLE
- EX EXPOSED TO STRUCTURE
- GYP GYPSUM BOARD

CEILING HEIGHT

- VAR VARIES
- TTS TIGHT TO STRUCTURE

ADDITIONAL NOTES

1. PAINT EXPOSED CONC DECK AND BEAMS PT6
2. REMOVE AND REINSTALL ACT PANELS AS REQ'D FOR MEPT WORK. SEE MEPT DRAWINGS FOR FURTHER INFO.
3. ATTACH GYP TO (E) CEILING FRAMING

KEYNOTES

- 1 INSTALL WOOD SLAT PANEL 'WSP' ALONG WALL, BULKHEAD, (E) CONC BEAM, AND STAIR STRINGERS



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FIRST FLOOR
REFLECTED
CEILING PLAN

A2.10

BID AND PERMIT SET

- A. ALL PRODUCTS ARE TO BE INSTALLED PER MANUFACTURERS INSTRUCTIONS, USING MANUFACTURERS ADHESIVES, TOOLS AND METHODS.
- B. REFER TO SPECIFICATIONS AND FINISH SCHEDULES FOR FURTHER FINISH MATERIAL, PRODUCT INFORMATION.
- C. SEE ELEVATIONS FOR ADDITIONAL FINISHES
- D. FOR CEILING HEIGHTS AND ADDITIONAL FINISHES SEE RCP
- E. COORDINATE ALL OWNER FURNISHED EQUIPMENT, ACCESSORIES, AND FURNITURE WITH OWNER.
- F. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
- G. ALL FLOOR TRANSITIONS ARE TO OCCUR DIRECTLY BENEATH DOOR U.O.
- H. PROVIDE TRANSITION STRIPS/REDUCERS AT ALL LOCATIONS WHERE PERMITTED FLOORING MATERIALS MEET. PROVIDE APPROPRIATE TRANSITIONS STRIPS/REDUCERS AT ALL OTHER LOCATIONS BETWEEN DIFFERING MATERIALS U.O. SEE TRANSITION CALL OUTS, ALL FLOOR TRANSITIONS TO MEET ACCESSIBILITY REQUIREMENTS.
- I. REFER TO FINISH PLAN FOR LOCATION OF CORNER GUARDS. ALL CORNER GUARDS ARE TO BE INSTALLED WITH BOTTOM OF CORNER GUARDS AT TOP OF WALL BASE AND EXTEND 48" A.P.F. U.O.
- J. ALL AFFECTED GYPF WALLS, CEILINGS AND SOFFITS SHALL BE PAINTED U.O.
- K. ALL METAL ACCESS PANELS, COVER PLATES, VENTS AND GRILLES TO BE PAINTED TO MATCH THE SURFACE IT IS LOCATED ON, UNLESS PREFINISHED.
- L. ALL BASE CABINETS AND UPPER CABINETS ARE TO RECEIVE PLASTIC LAMINATED ON ALL EXPOSED EXTERIOR SURFACES AS INDICATED ON ELEVATIONS. U.O. ALL INTERIOR SURFACES TO RECEIVE WHITE MELAMINE ON ALL CONCEALED SURFACES. RUN WOOD GRAIN VERTICAL LAMINATE AND USE 0.008" THICK MATCHING PVC T-MOULDING ON CABINET DOORS AND DRAWERS.
- M. ALL COUNTERTOPS ARE TO RECEIVE BACKSPASHES TO MATCH, PROVIDE PAINTABLE SEALANT AT WALL.
- N. PAINT VISIBLE PORTION OF INSIDE OF DOOR WORK FLAT BLACK
- O. PAINT SHOWN - INTERIOR AND EXTERIOR WALL AND TRIM: SMOOTH SHELL, CEILING & SOFFIT: FLAT/MATTE, INT. DOORS & FRAMES - SEMI-GLOSS.

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WTP BUILDING IMPROVEMENTS 2026

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	CPT - CARPET TILE
	EPX - EPOXY
	SDF - STATIC DISSIPATING FLOORING
	ID - INTERLOCKING FLOOR DECKING
	RS - RESILIENT SHEET
	RUB - RUBBER TILE
	WOM - WOLF OFF MAT
CG#	CORNER GUARD

FLOORING	
ETR	(E) TO REMAIN
CPT	CARPET TILE
EPX#	EPOXY
ID	INTERLOCKING FLOOR DECKING
RUB	RUBBER TILE
SDF	STATIC DISSIPATING FLOORING
STR	STAR TREAD
TL#	CERAMIC TILE
WOM	WALK OFF MAT
TRANSITIONS	
TR#	TRANSITION
BASE	
RB#	RUBBER BASE
TB#	TILE BASE
WALL	
ETR	(E) TO REMAIN
PT#	PAINT
WSP	WOOD SLAT PANEL
WALL PROTECTION	
CG	CORNER GUARD
FRP	FIBER REINFORCED PANEL
TL#	CERAMIC TILE
CASEWORK	
PL#	PLASTIC LAMINATE
SS	SOLID SURFACE
EPX#	EPOXY COUNTERTOP
MISCELLANEOUS	
RS#	ROLLER SHADE

ADDITIONAL NOTES	
1.	PATCH AREAS OF EXPOSED CONC SLAB WHERE (E) WALLS WERE DEMO'D W/ (N) EPX1
2.	INSTALL FRP FULL HEIGHT
3.	PROVIDE INTEGRAL EPXY COVE BASE @ WALLS MATCH (E) FLOOR COLOR AND TEXTURE. PREPARE AND RECOAT (E) FLOOR W/ (N) TOPCOAT OVER FULL FLOOR AREA
4.	PROVIDE CRACK ISOLATION MEMBRANE BELOW FLOOR TILE
5.	INSTALL W/ 4" INTEGRAL COVE BASE

- 1 REINSTALL (E) WALL-MTD MURAL OVER WD SLAT WALL FINISH
- 2 (E) DOOR FINISH TO REMAIN
- 3 PROVIDE INTEGRAL EPOXY COVE BASE @ CONC CURB. MATCH
COLOR AND TEXTURE OF (E) EPOXY FLOORING. PREP AND
RECOAT (E) FLOORING AS REQ'D TO INTEGRATE INTO COVE
BASE

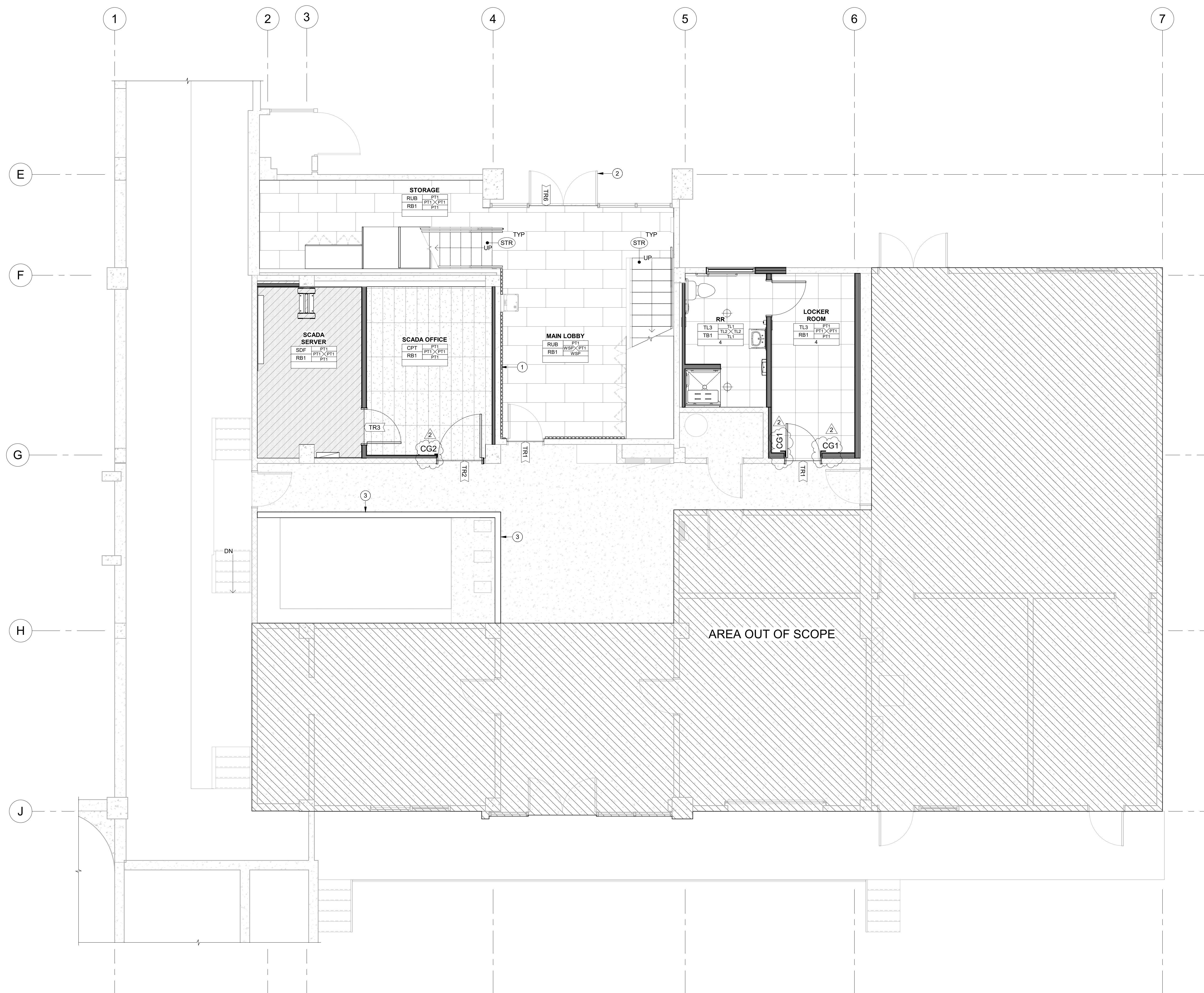
REGISTERED ARCHITECT
Matthew J.
Crawford
OREGON CITY, OR
17004
STATE OF OREGON

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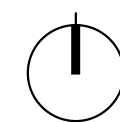
FIRST FLOOR
FINISH PLAN

A3.10

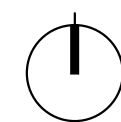
BID AND PERMIT SET



1 FIRST FLOOR FINISH PLAN
A3.10 1/4" = 1'-0"

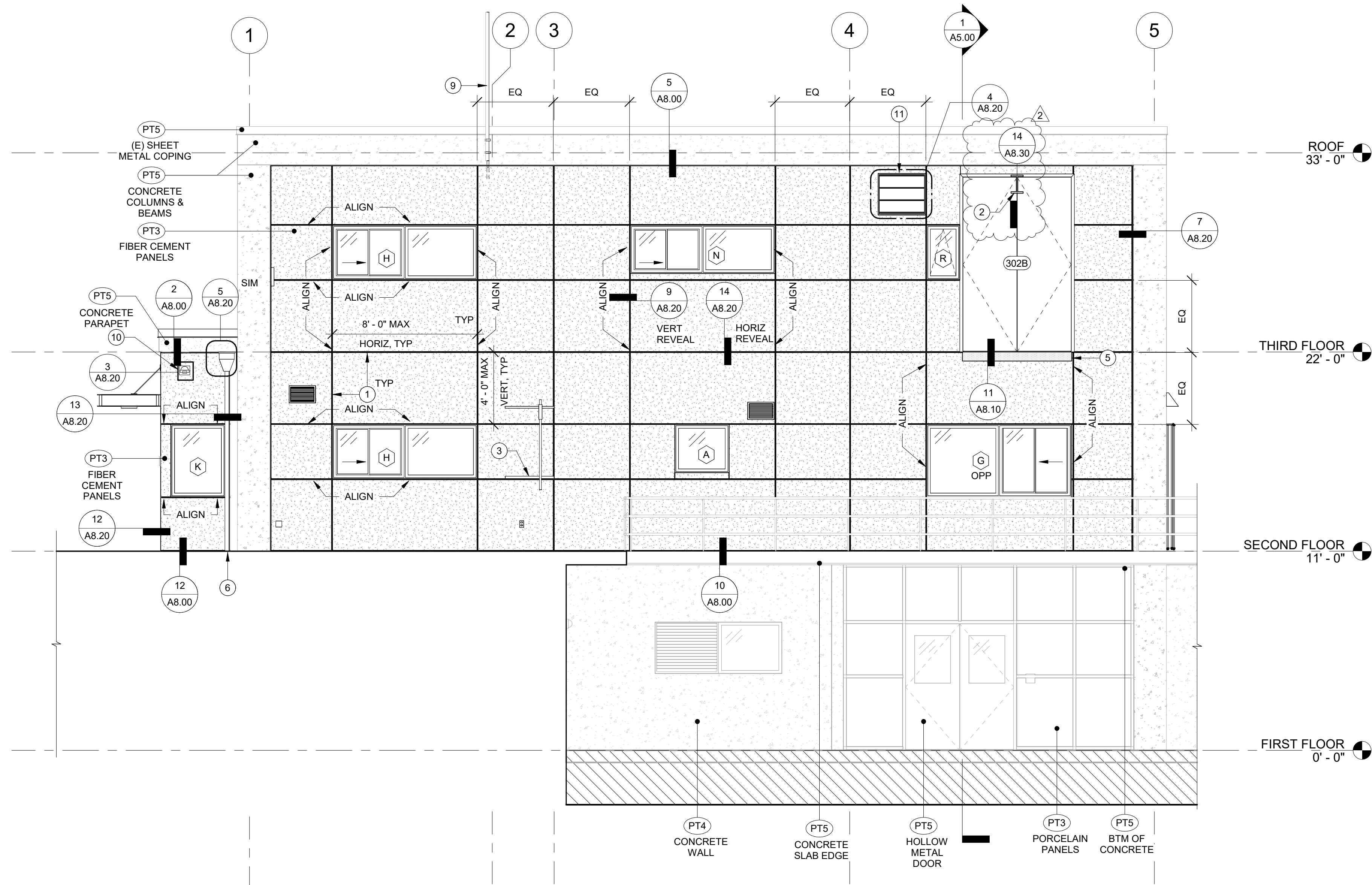


A3.20 $1/4" = 1'-0"$

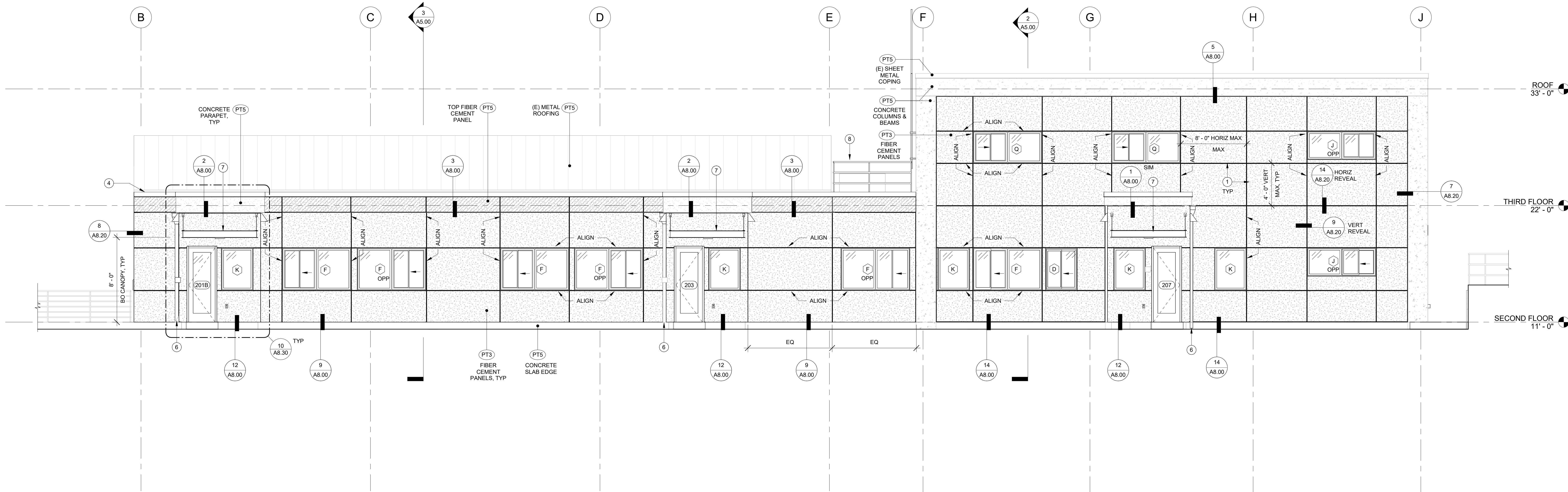


A3.20 $1/4" = 1'-0"$

A3.20



1 EXTERIOR ELEVATION - SOUTH
A4.20 1/4" = 1'-0"



2 EXTERIOR ELEVATION - WEST
A4.20 1/4" = 1'-0"

ELEVATION GENERAL NOTES

- A. PREP ALL EXTERIOR SURFACES TO RECEIVE NEW PAINT. FILL ALL CONCRETE CRACKS LARGER THAN 0.01" IN WIDTH. REMOVE LOOSE CONCRETE AND CLEAN AREAS OF SPALLED CONCRETE FOR NEW PAINT.
- B. PAINT (E) SURFACE-MOUNT CONDUIT, STEEL SUPPORTS, PIPES, LOUVERS, DUCTS, EXPOSED FACE OF SHEET METAL, ROOF EDGE, CONDUCTOR HEAD AND DOWNSPOUTS TO MATCH ADJACENT WALL CALLED OUT TO BE PAINTED.
- C. ALL ANODIZED ALUMINUM, LIGHT FIXTURES, PLUMBING FIXTURES, SIGNAGE, VINYL WINDOWS, GALVANIZED HANDRAILS AND GALVANIZED CATWALK SUPPORT TO REMAIN UNPAINTED, UNO.

ELEVATION LEGEND

- (N) FIBER CEMENT PANEL SIDING
- (N) PREFINISHED SHEET METAL WALL FLASHING
- (E) CONC WALL, COLUMN AND BEAM
- X FINISH TAG; SEE FINISH SCHEDULE

KEYNOTES

- 1 1/2" ALUMINUM REVEALS
- 2 (N) HOIST RAIL. PAINT TO MATCH DOOR
- 3 REINSTALL (E) ELECTRICAL CONDUIT/ANTENNA. PROVIDE FURRING BACKING TO ANCHOR TO (N) WALL. SEE ELEC
- 4 PREFINISHED SHEET METAL COPING
- 5 PREFINISHED SHEET METAL WALL FLASHING OVER (E) FLOOR SLAB EDGE
- 6 PREFINISHED SHEET METAL CONDUCTOR HEAD AND DOWNSPOUT. CONNECT (E) ROOF DRAIN OUTLET AT TOP AND (E) ROOF DRAIN OUTLET AT FLOOR
- 7 7'-8" X 3'-6" PREMANUFACTURED METAL AWNING ON HANGER RODS. DELEGATED DESIGN
- 8 REINSTALL (E) GUARDRAIL. SEAL ANCHOR BOLT AND STEEL PLATE TO (N) PREFINISHED SHEET METAL FLASHING W/ PMMA PER FLUID-APPLIED WATERPROOFING MFR INSTRUCTIONS
- 9 REINSTALL (E) ANTENNA AND SUPPORT BRACKETS ANCHORED TO (N) WALL. ROUTE CONDUIT IN (N) WALL CAVITY. SEE ELEC.
- 10 ELECTRICAL PENETRATION THRU WALL. SEE ELEC DWGS
- 11 DEMO LOUVER AND DUCT OUTLET. SEE MECH



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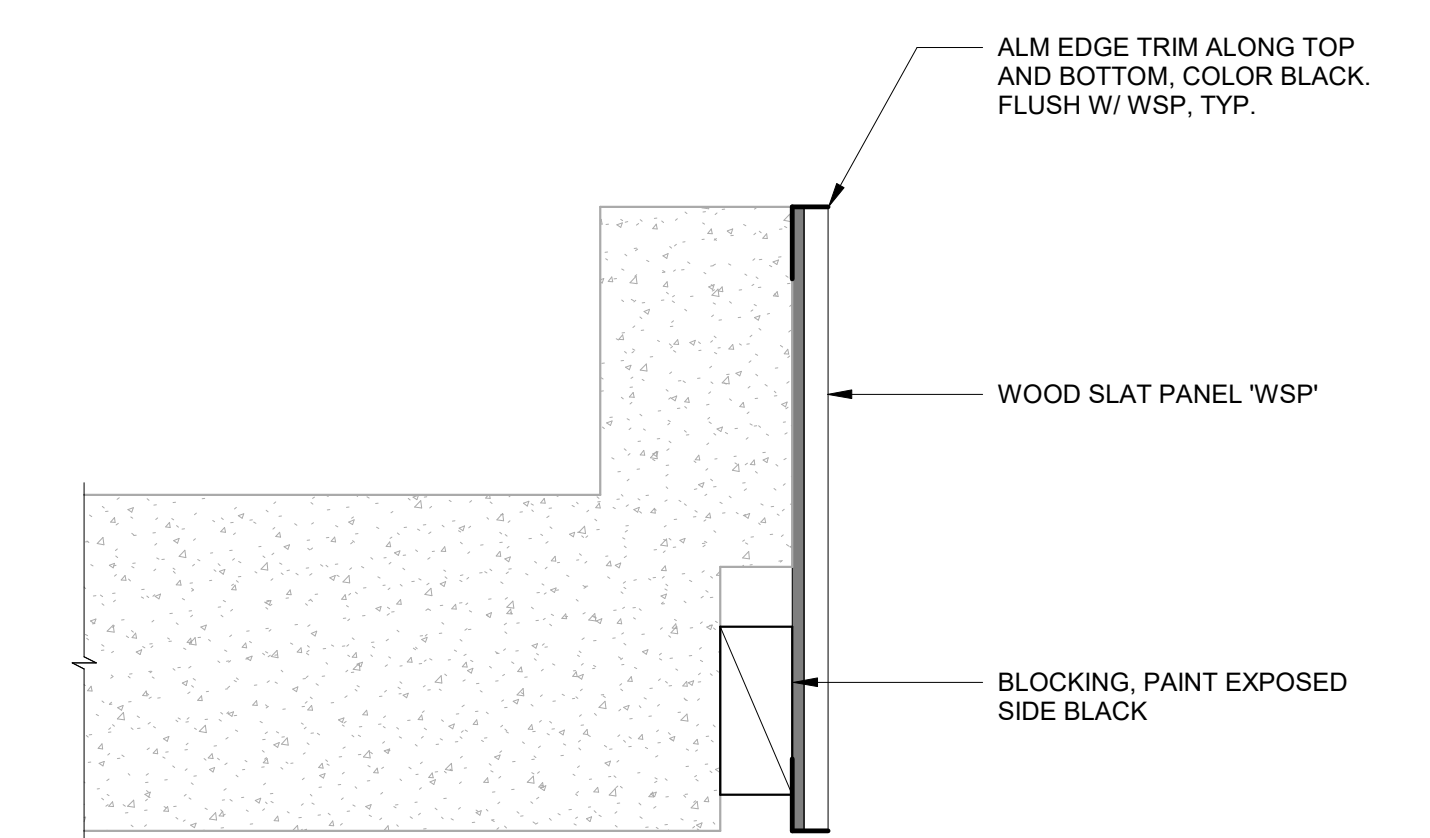
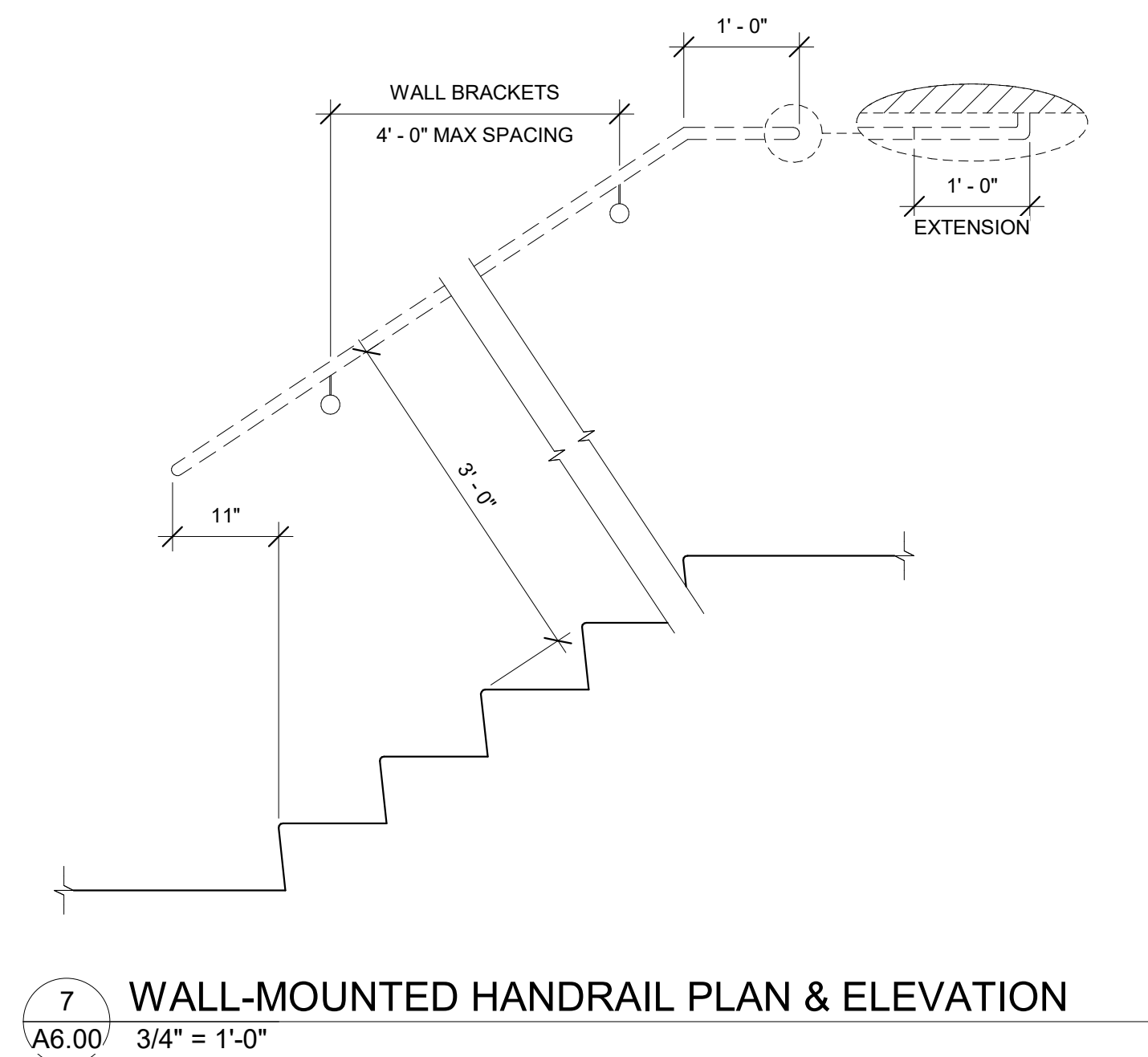
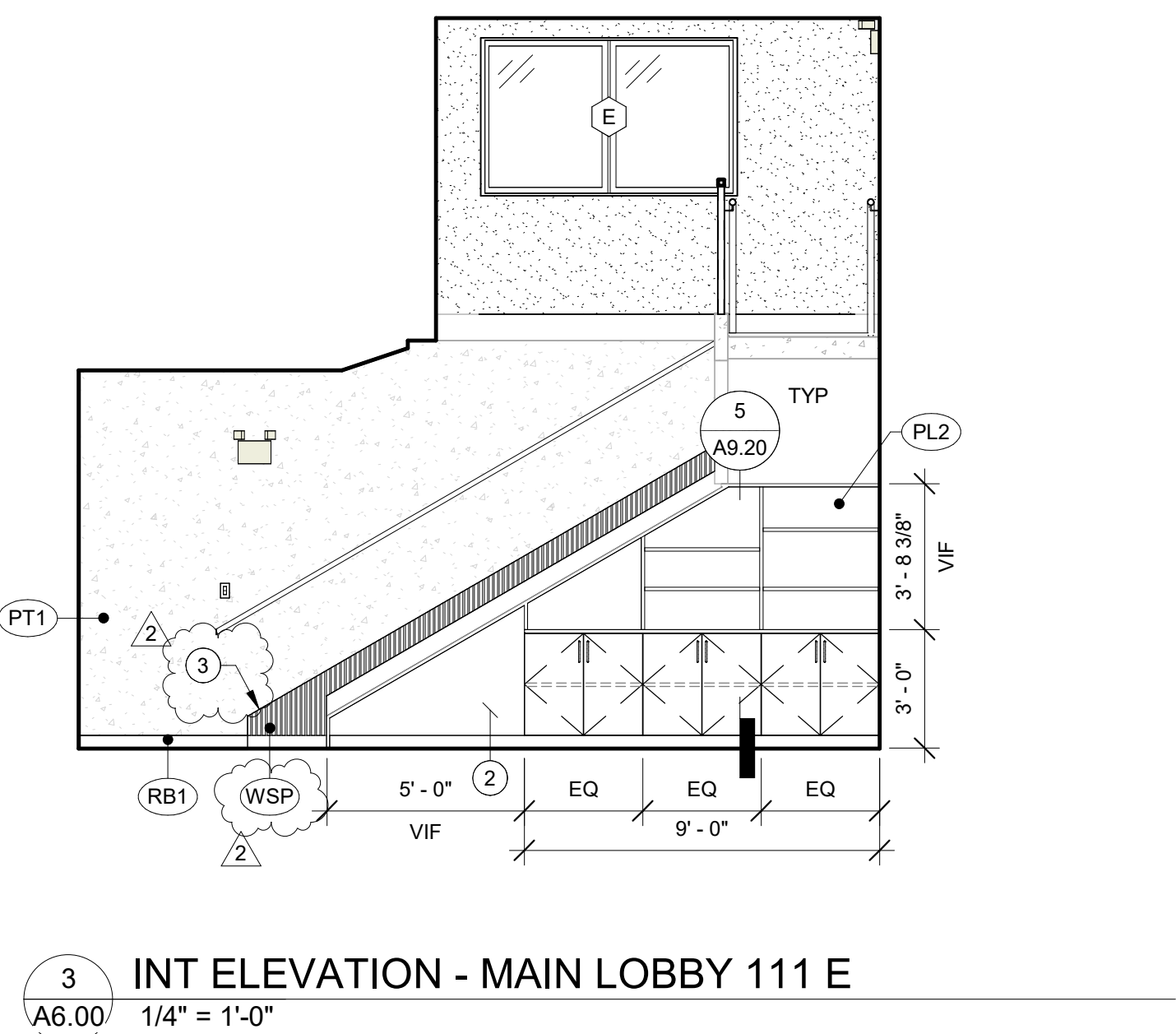
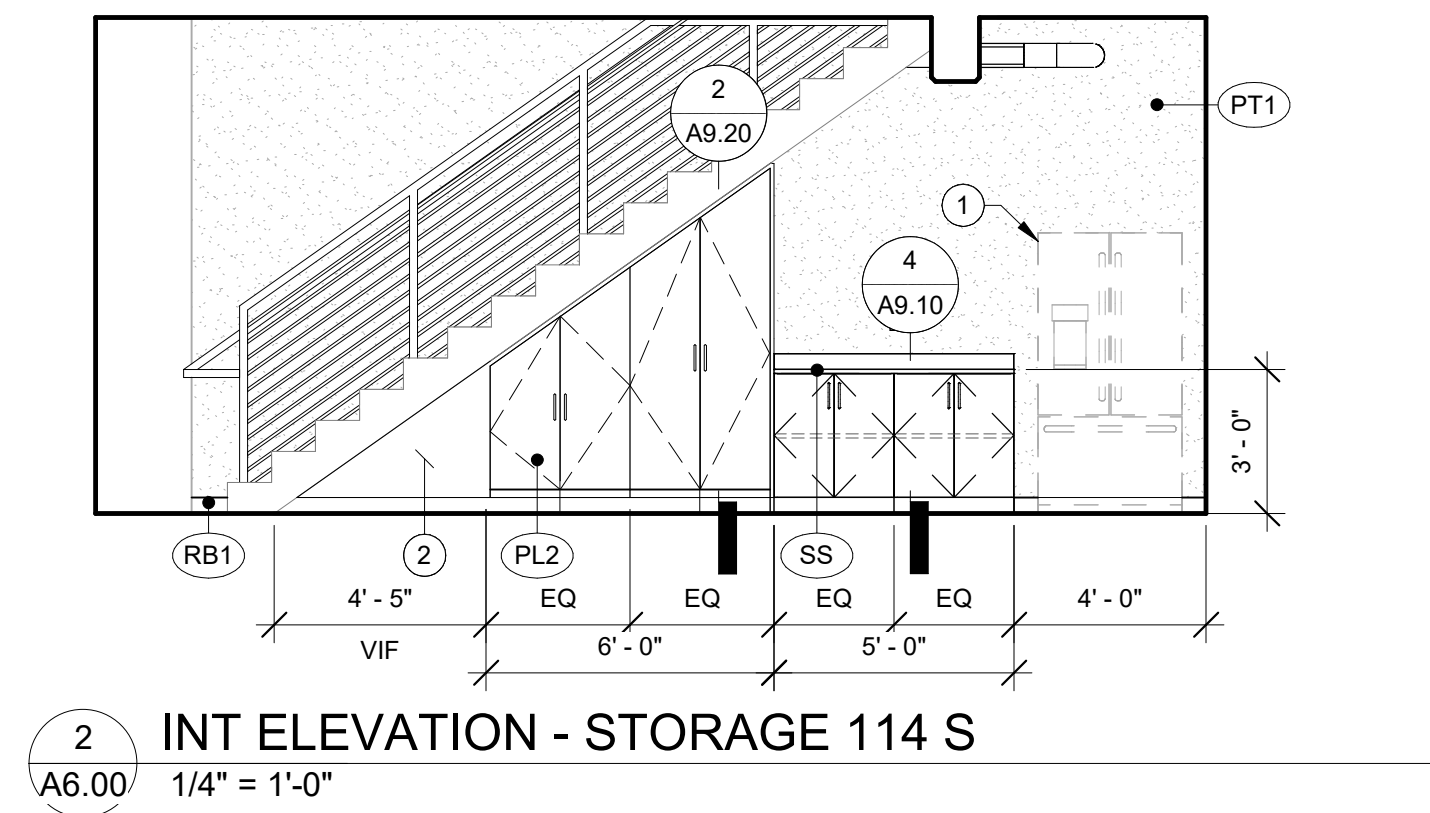
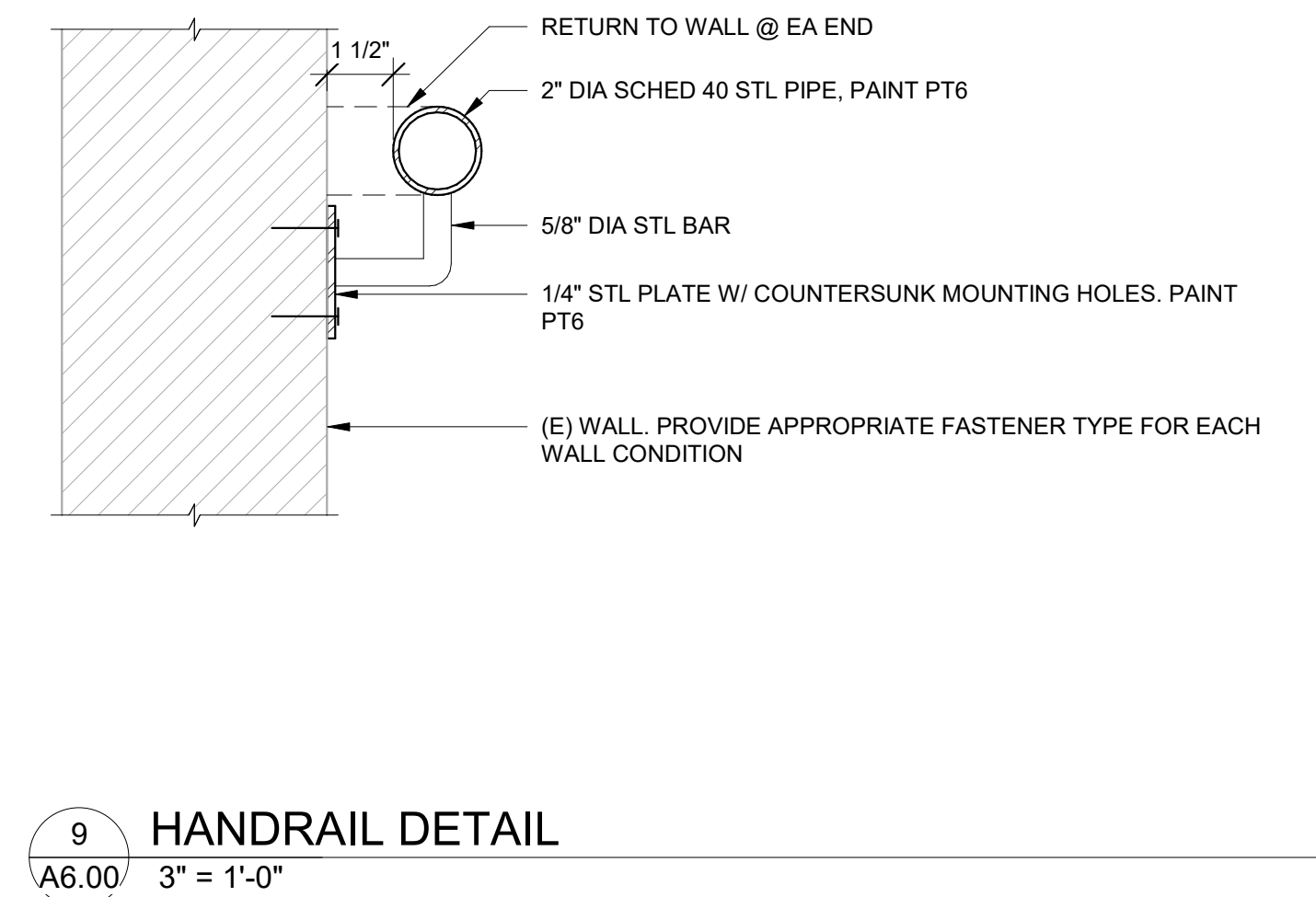
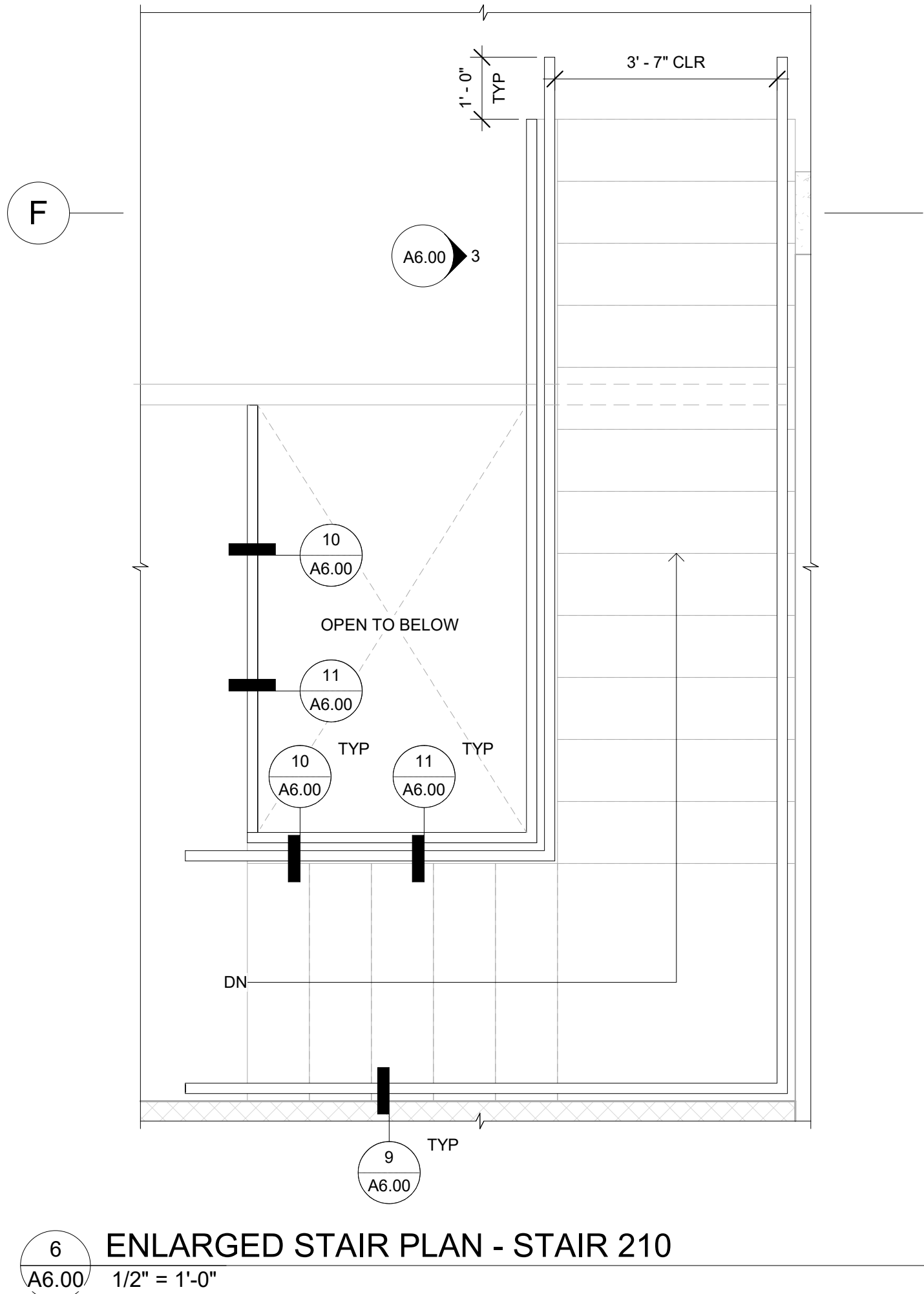
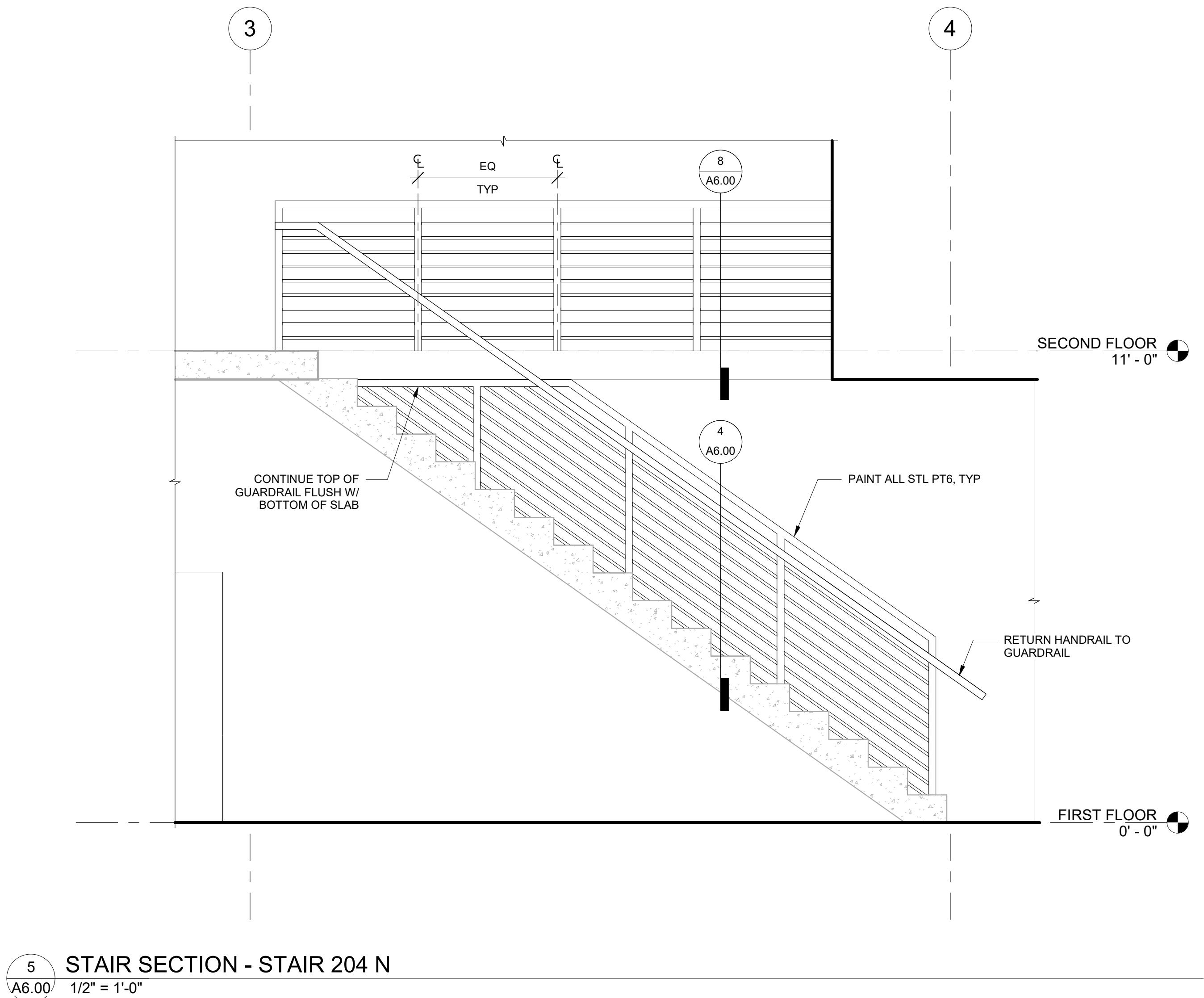
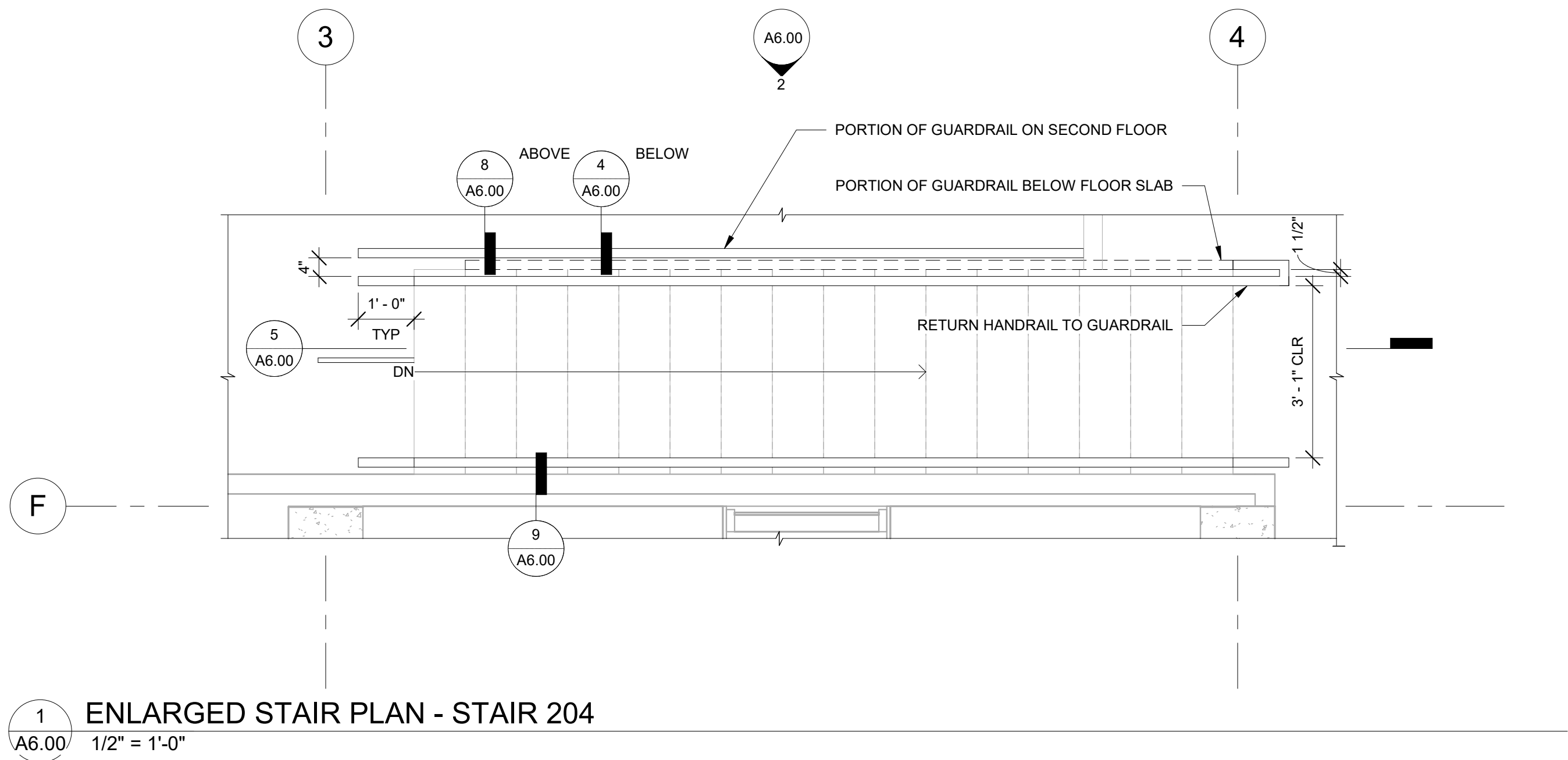


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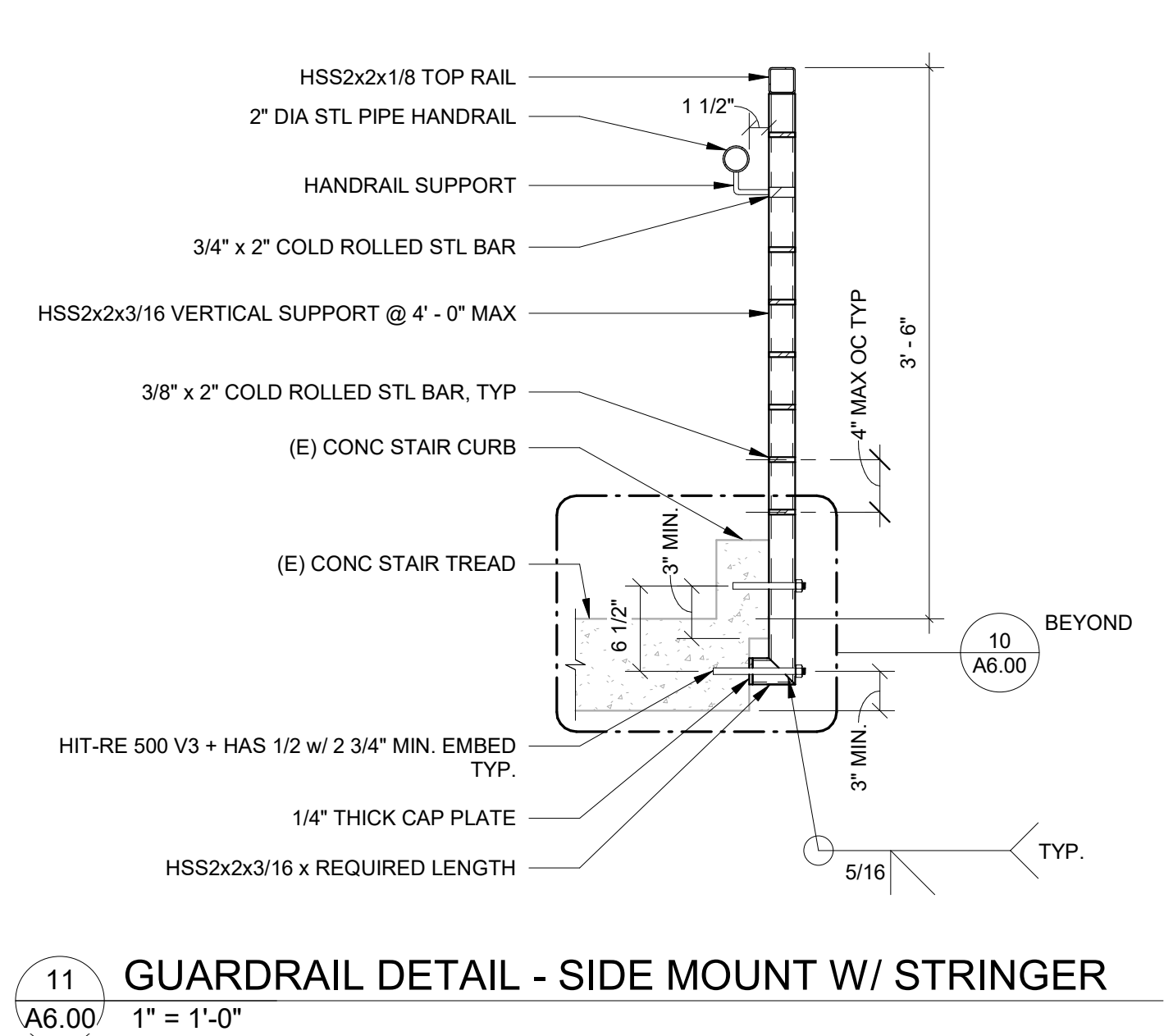
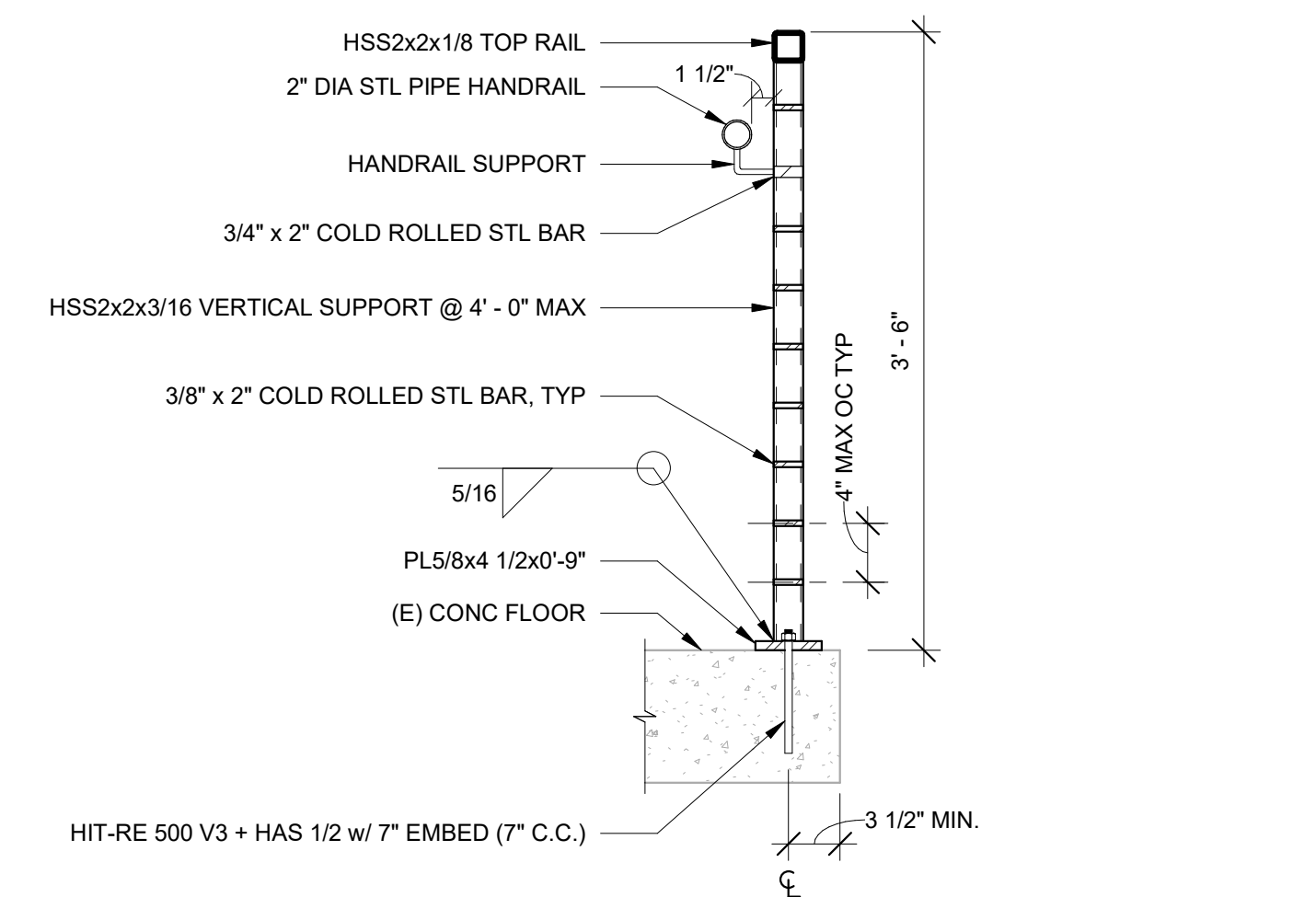
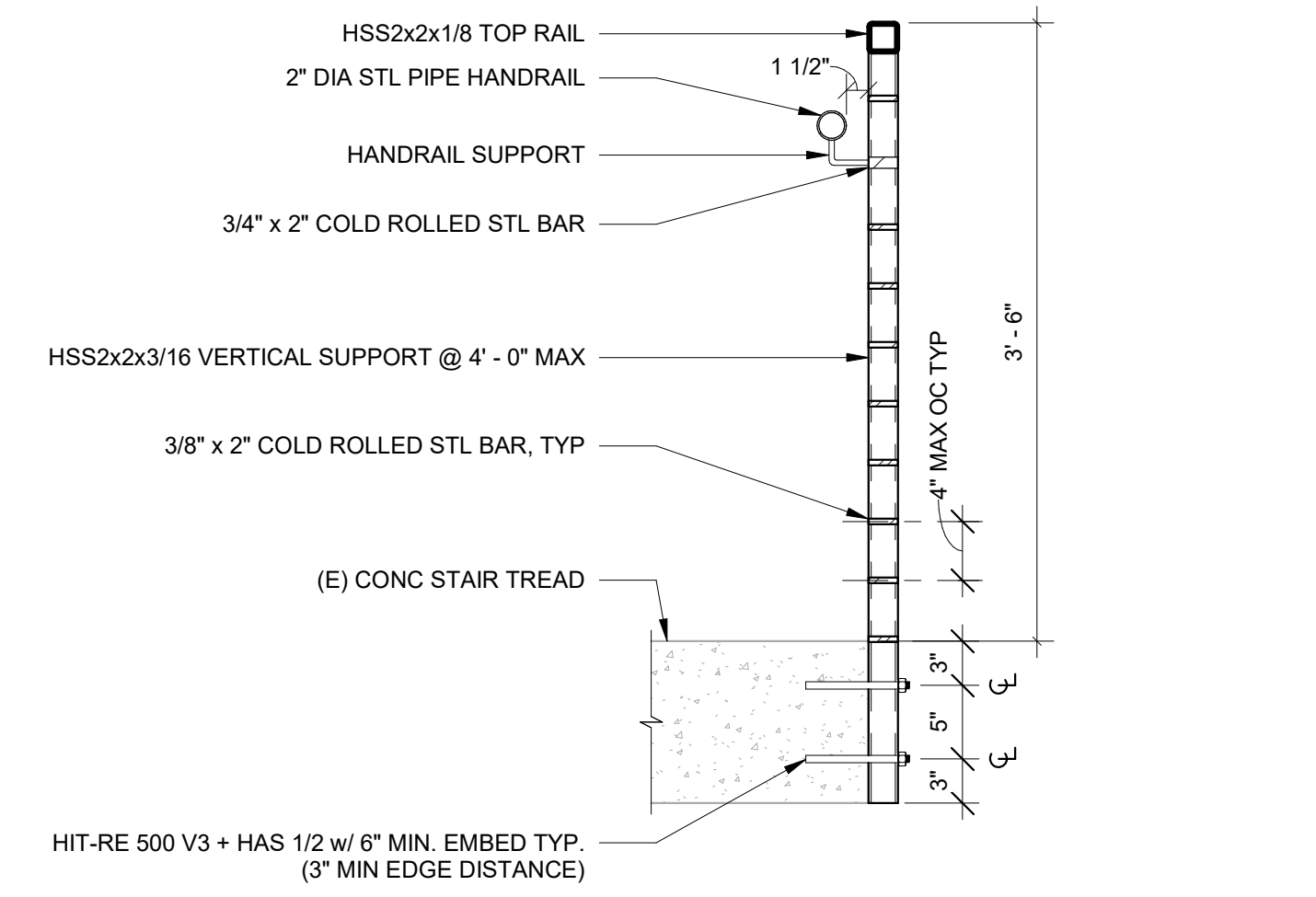
EXTERIOR
ELEVATIONS

A4.20

BID AND PERMIT SET



- # KEYNOTES
- 1 REFRIGERATOR, OFCI
 - 2 PLASTIC LAMINATE PANEL FLUSH W/ FACE OF CABINET
 - 3 CUT SLATS TO ALIGN W/ TOP OF (E) STRINGER. PROVIDE MTL TRIM ALONG TOP EDGE OF WSP SIMILAR TO DETAIL 10/A6.00, COLOR BLACK



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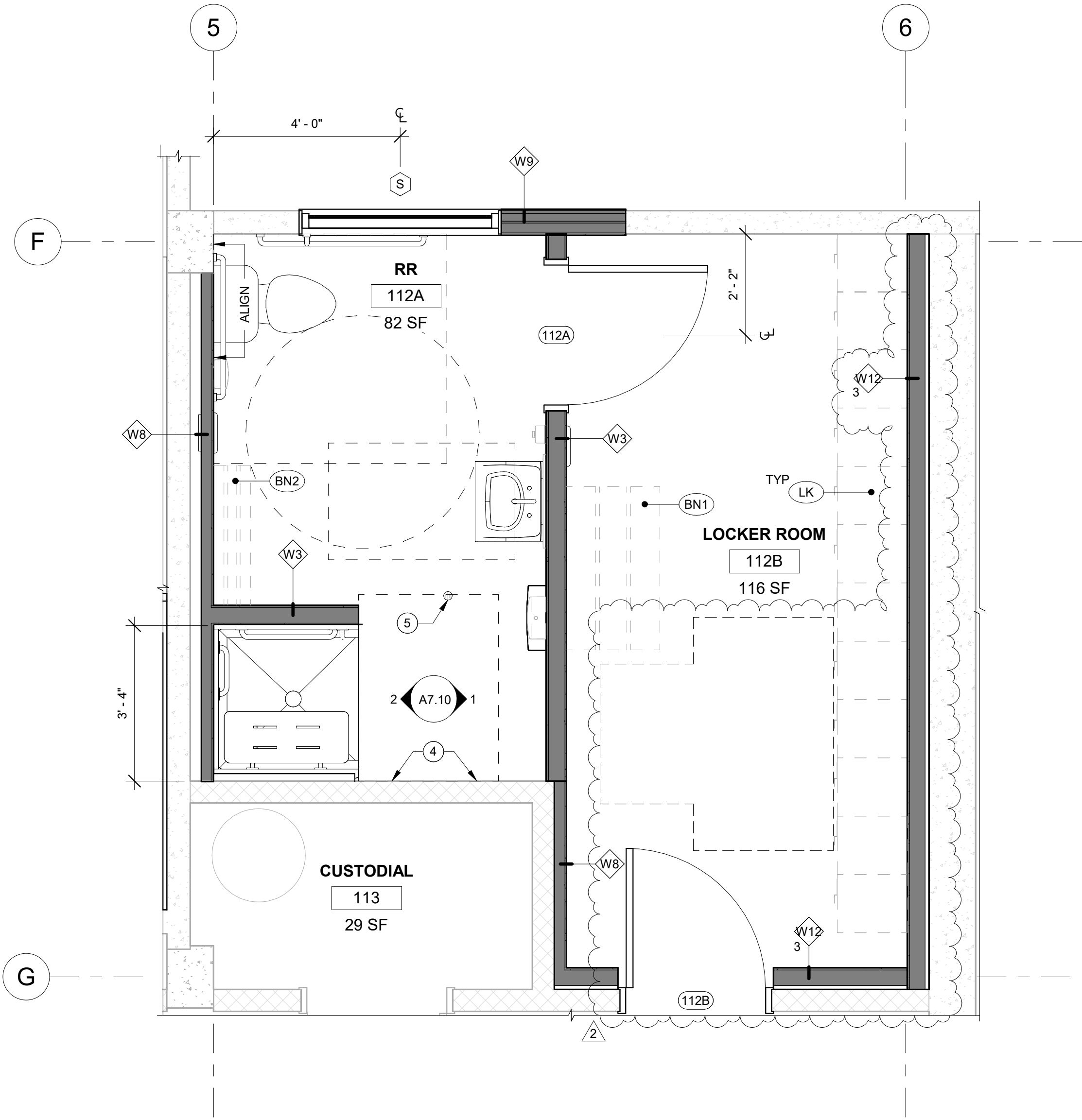


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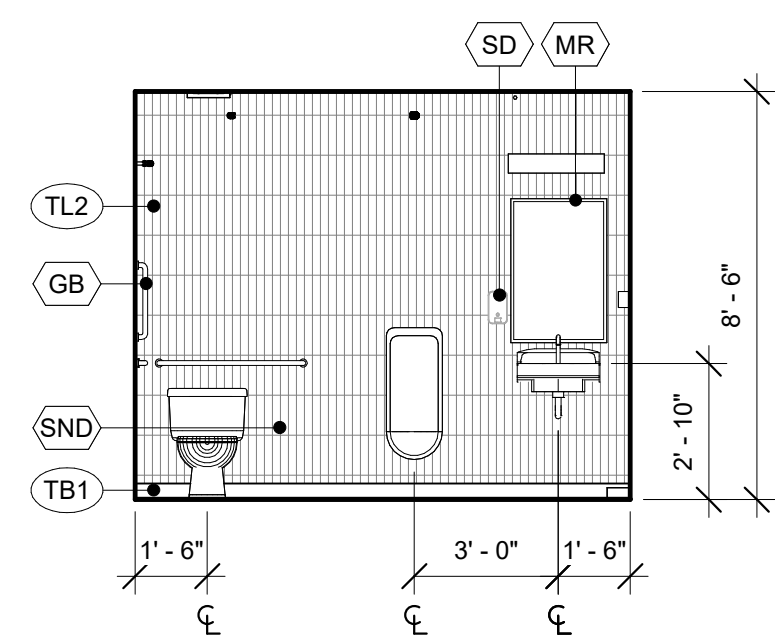
HANDRAIL AND
GUARDRAIL PLANS
AND SECTIONS

A6.00

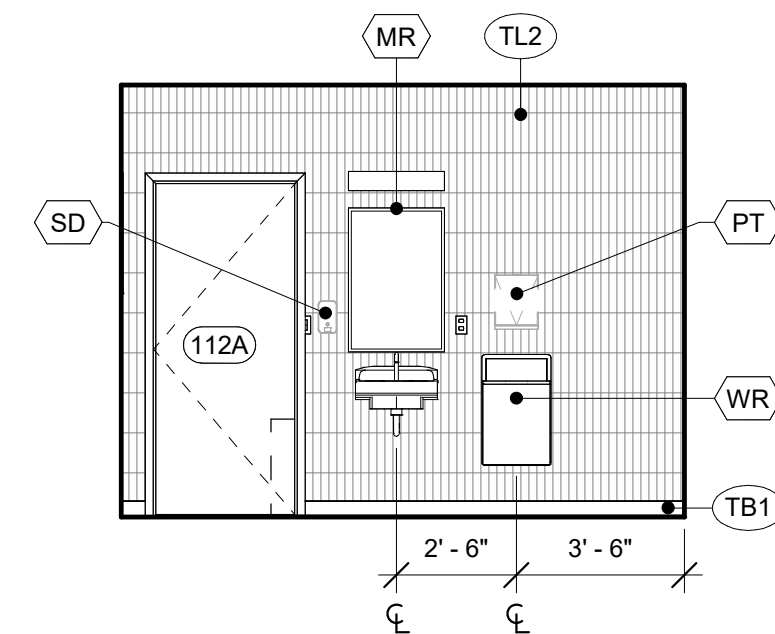
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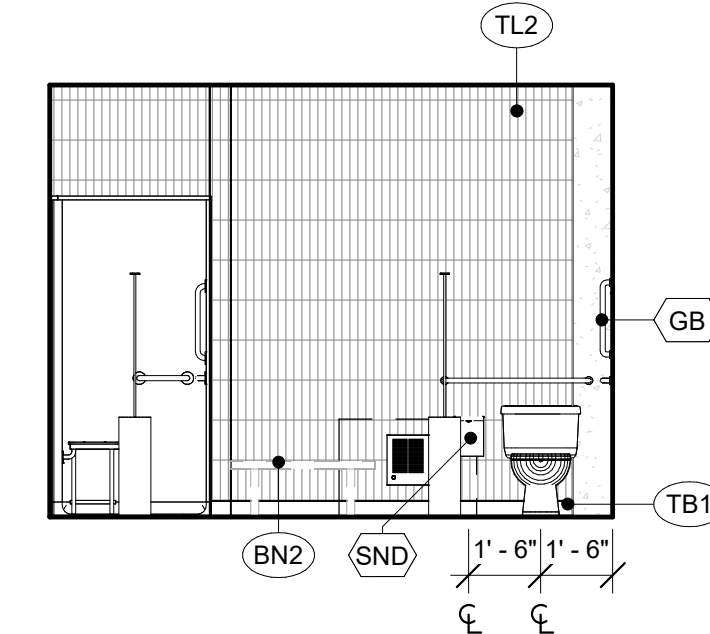
5 ENLARGED PLAN - RR 112A & LOCKER ROOM 112B
A7.10 1/2" = 1'-0"



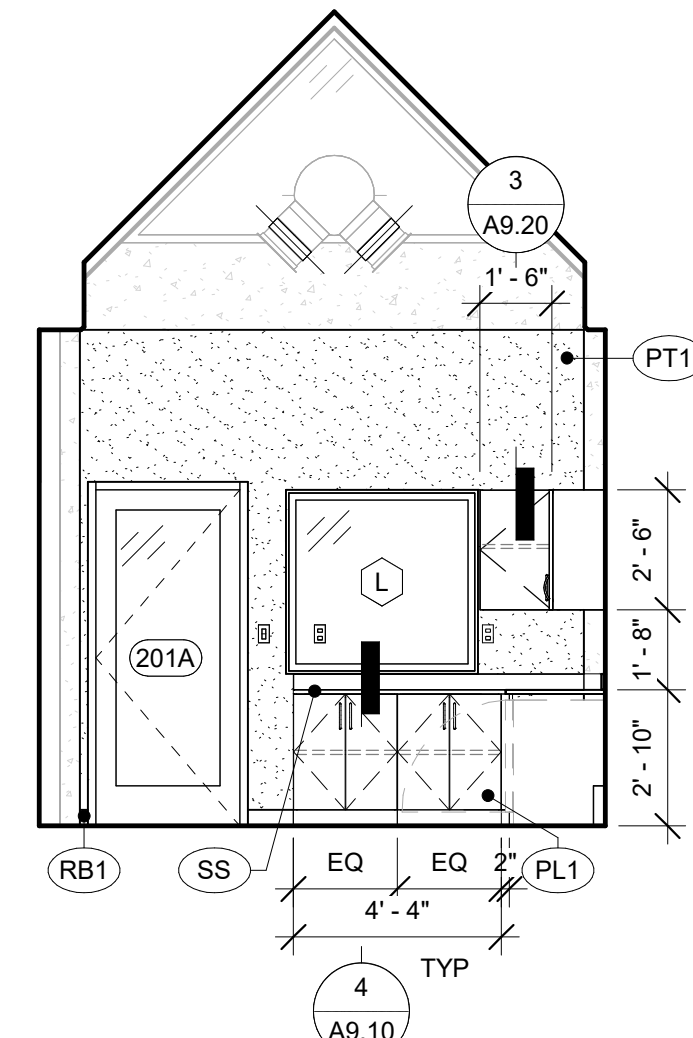
6 INT ELEVATION - RR 213 S
A7.10 1/4" = 1'-0"



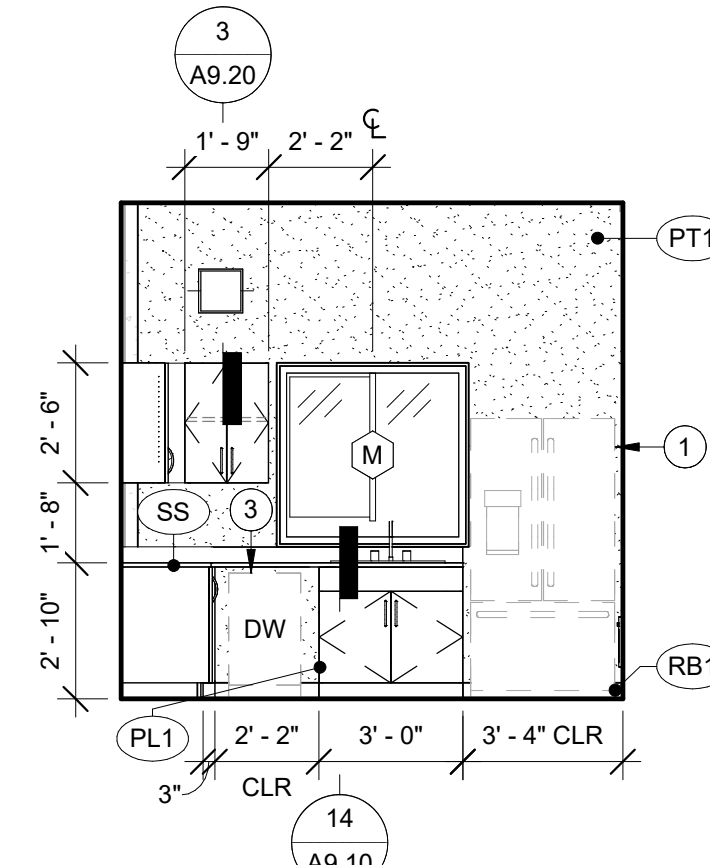
1 INT ELEVATION - RR 112A E
A7.10 1/4" = 1'-0"



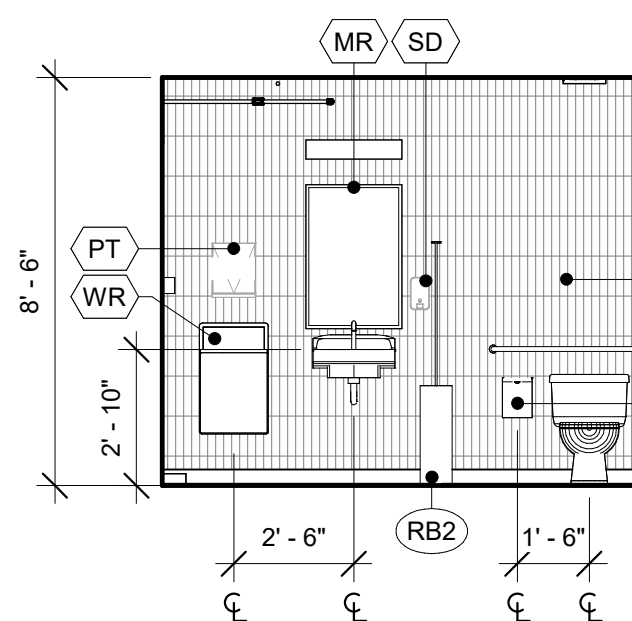
2 INT ELEVATION - RR 112A W
A7.10 1/4" = 1'-0"



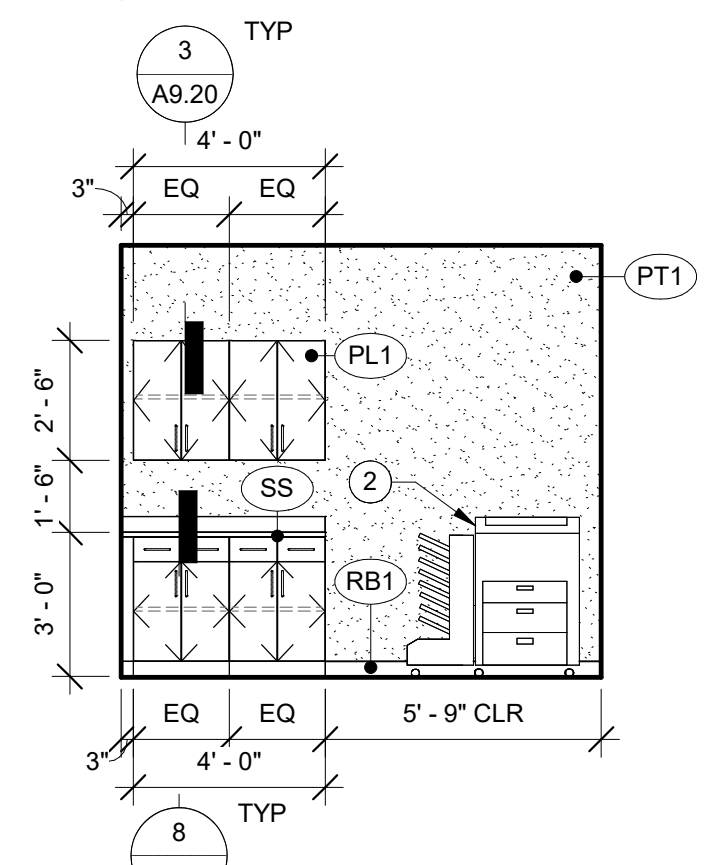
3 INT ELEVATION - BREAK 201 N
A7.10 1/4" = 1'-0"



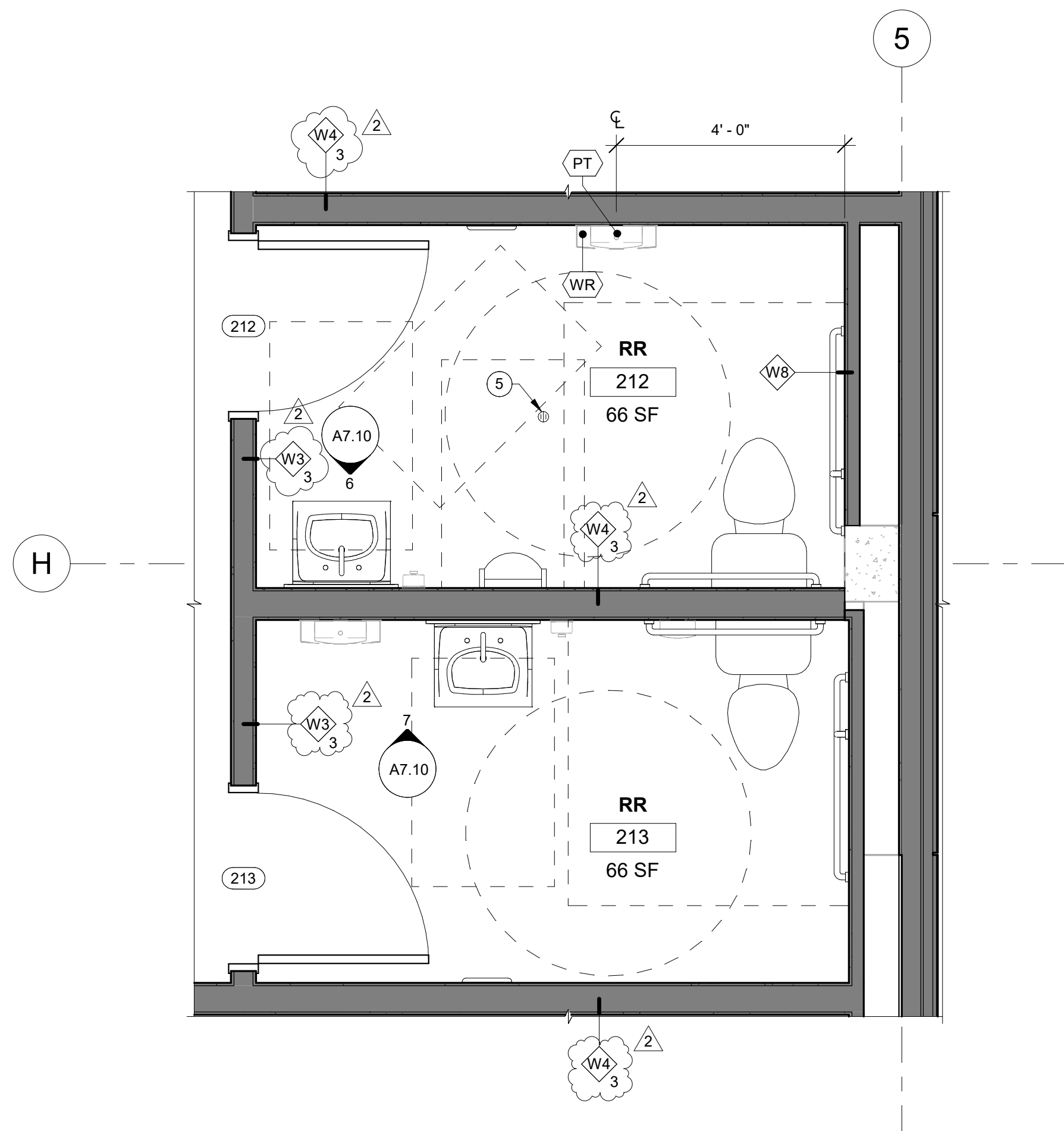
4 INT ELEVATION - BREAK 201 E
A7.10 1/4" = 1'-0"



7 INT ELEVATION - RR 214 N
A7.10 1/4" = 1'-0"



8 INT ELEVATION - HALL 208 S
A7.10 1/4" = 1'-0"



9 ENLARGED PLAN - RR 213 & RR 214
A7.10 1/2" = 1'-0"

ROOM FINISH ABBREVIATIONS

BASE	
RB#	RUBBER BASE
TB#	TILE BASE
WALL	
PT#	PAINT
WALL PROTECTION	
TL#	CERAMIC TILE
CASEWORK	
PL#	PLASTIC LAMINATE
SS	SOLID SURFACE
EPX	EPOXY COUNTERTOP
RESTROOM ACCESSORIES	
GB	GRAB BARS
MR	MIRROR
SND	SANITARY NAPKIN DISPOSAL
WR	WASTE RECEPTACLE
TP	TOILET PAPER DISPENSER (OFCI)
PT	PAPER TOWEL DISPENSER (OFCI)
SP	SOAP DISPENSER (OFCI)
MISC	
BN#	BENCH

KEYNOTES

- 1 REFRIGERATOR, OFCI
- 2 RELOCATE (E) PRINTER. SEE ELEC
- 3 18" DISHWASHER, OFCI
- 4 WALL-MTD ROBE HOOK 'HK'. SEE FINISH SCHED
- 5 SLOPE TILE TO FLOOR DRAIN



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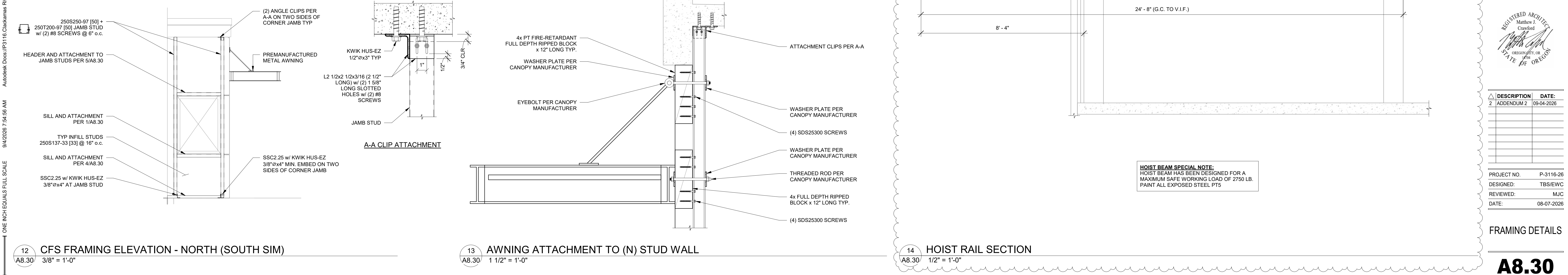
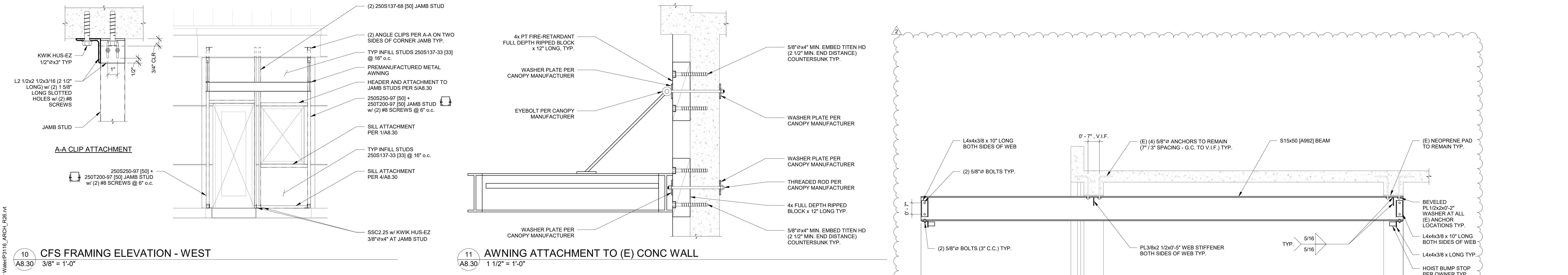
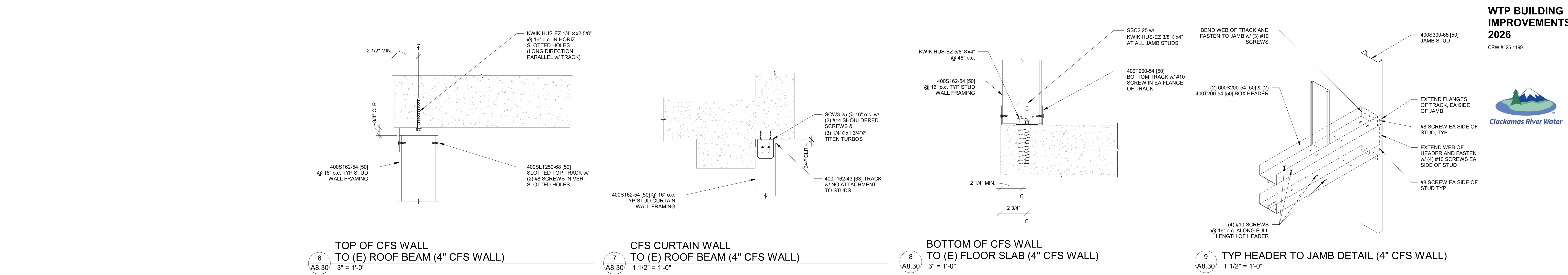
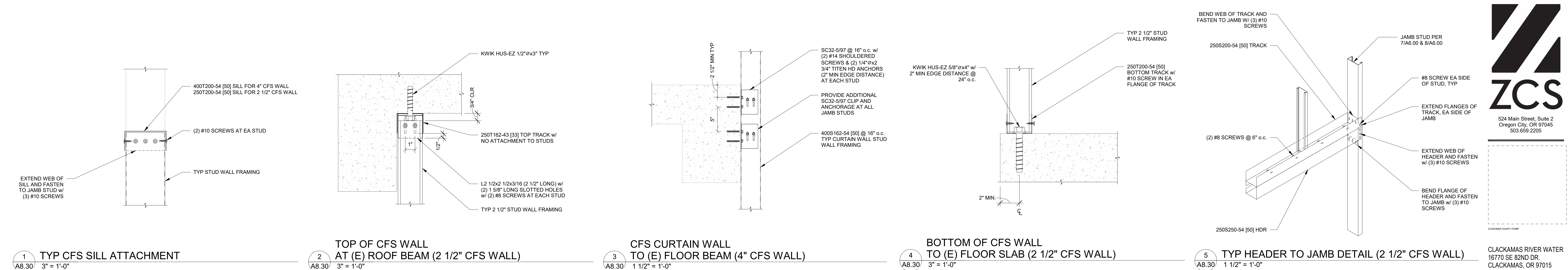
PROJECT NO. P-3116-26
DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

ENLARGED PLANS
AND INTERIOR
ELEVATIONS

A7.10

BID AND PERMIT SET

Autodesk Docs\IP3116 Clackamas River Water\IP3116_ARCH\A8.30.dwg
9/4/2026 7:54:46 AM
ONE INCH EQUALS FULL SCALE



ZCS
524 Main Street, Suite 2
Oregon City, OR 97045
503.659.2205

CLACKAMAS RIVER WATER
16770 SE 82ND DR.
CLACKAMAS, OR 97015

WTP BUILDING IMPROVEMENTS 2026
CRW #: 25-1199

Clackamas River Water

REGISTERED ARCHITECT
Matthew J. Crawford
OREGON CITY, OR
STATE OF OREGON

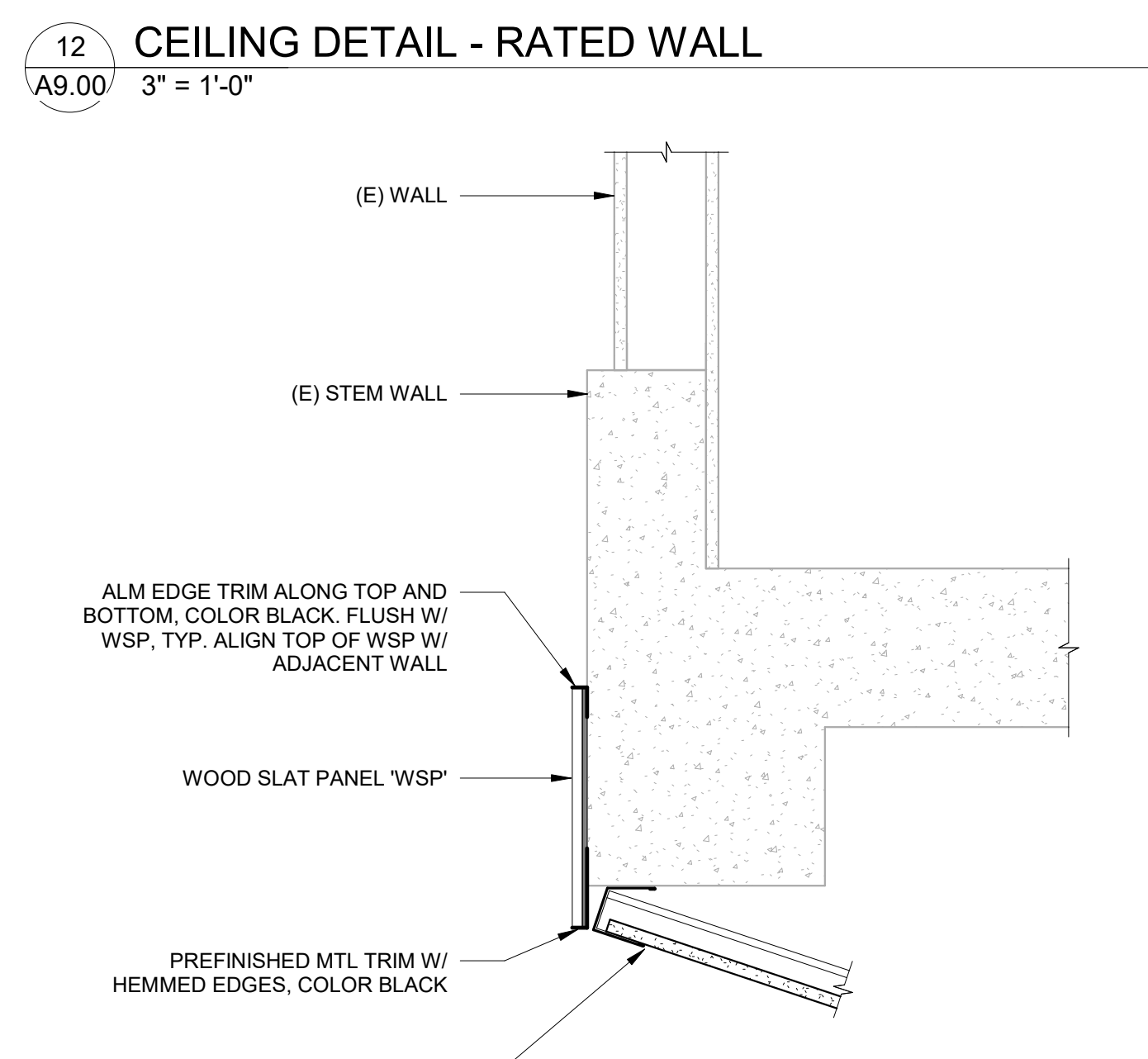
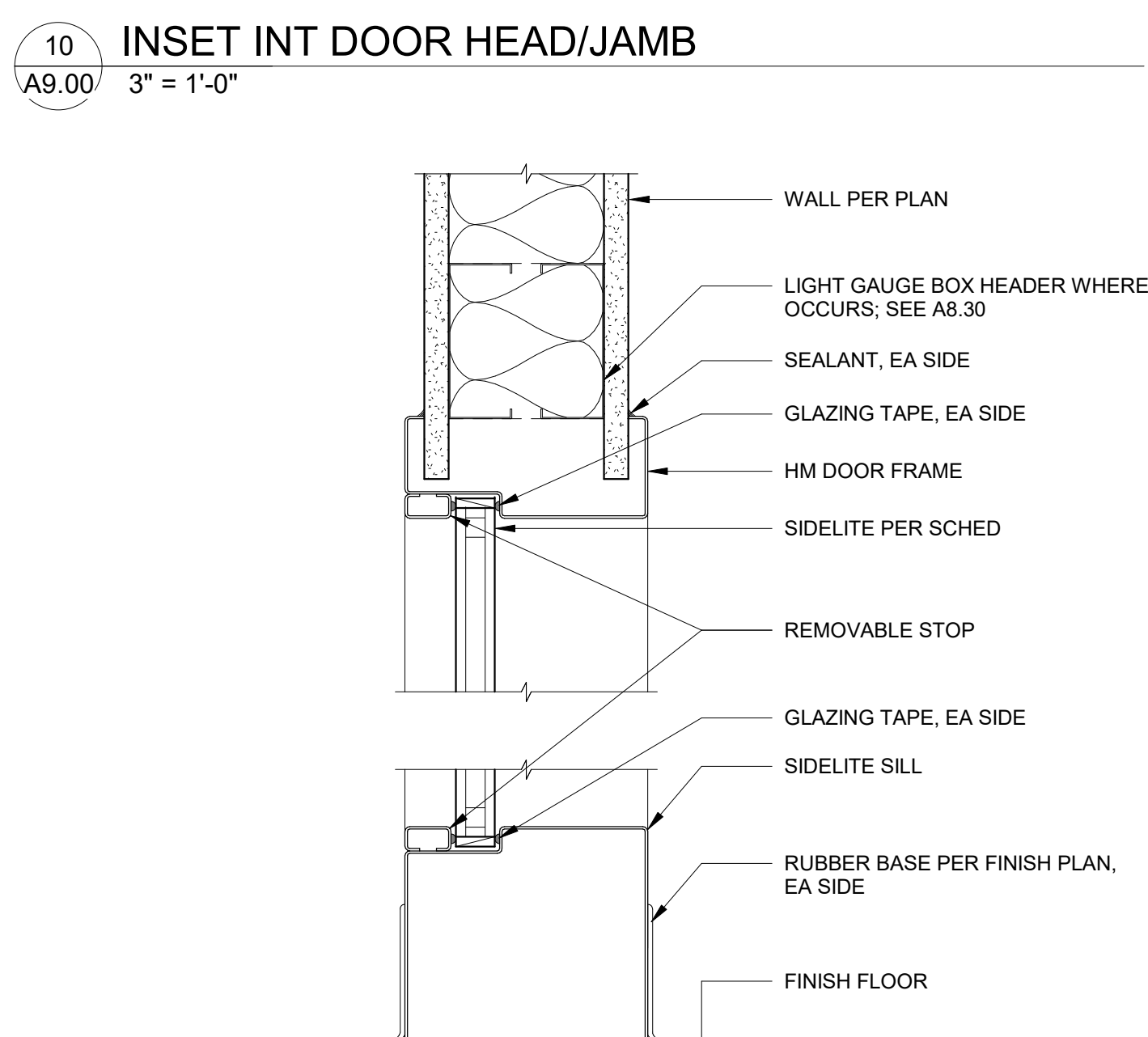
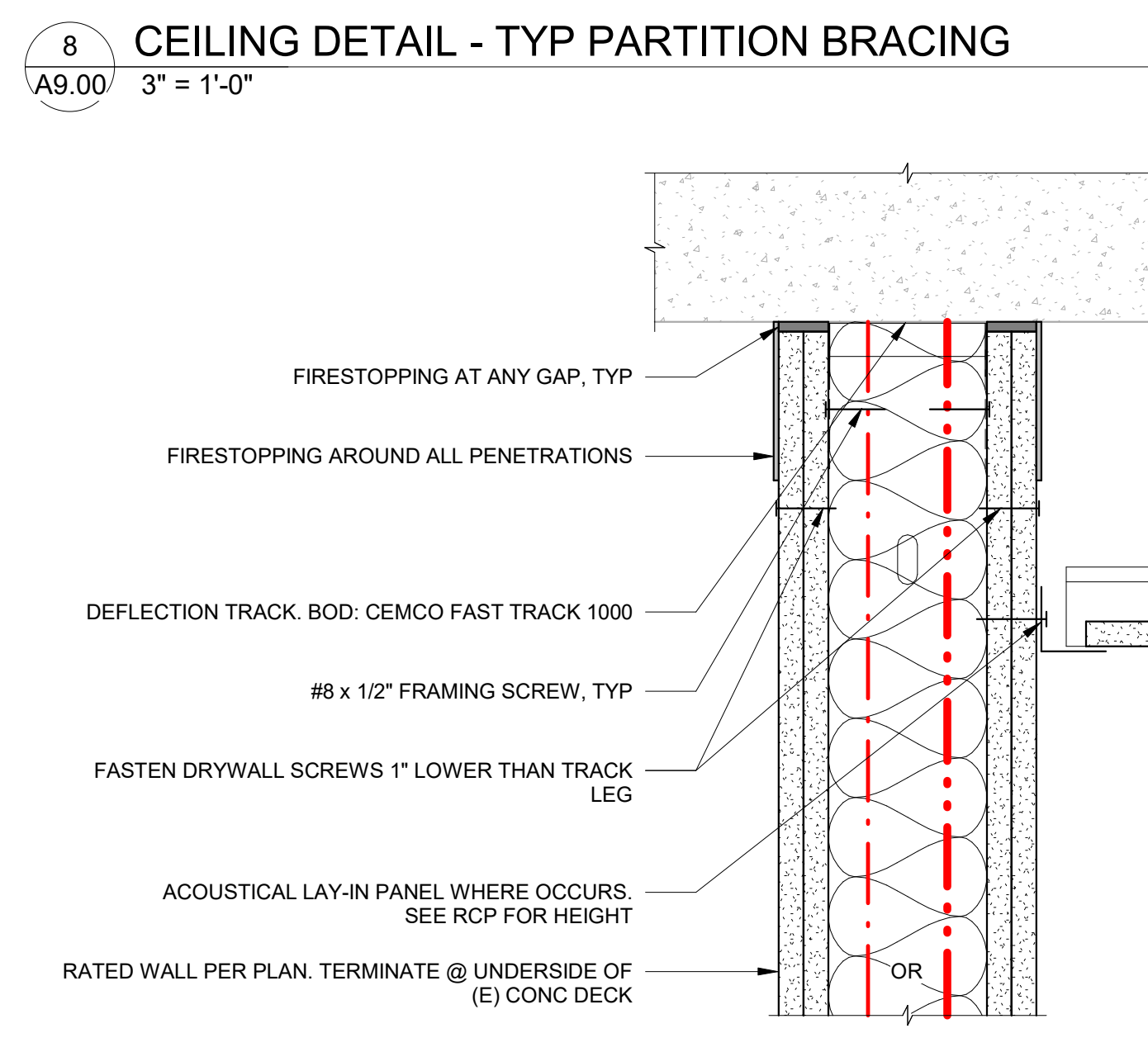
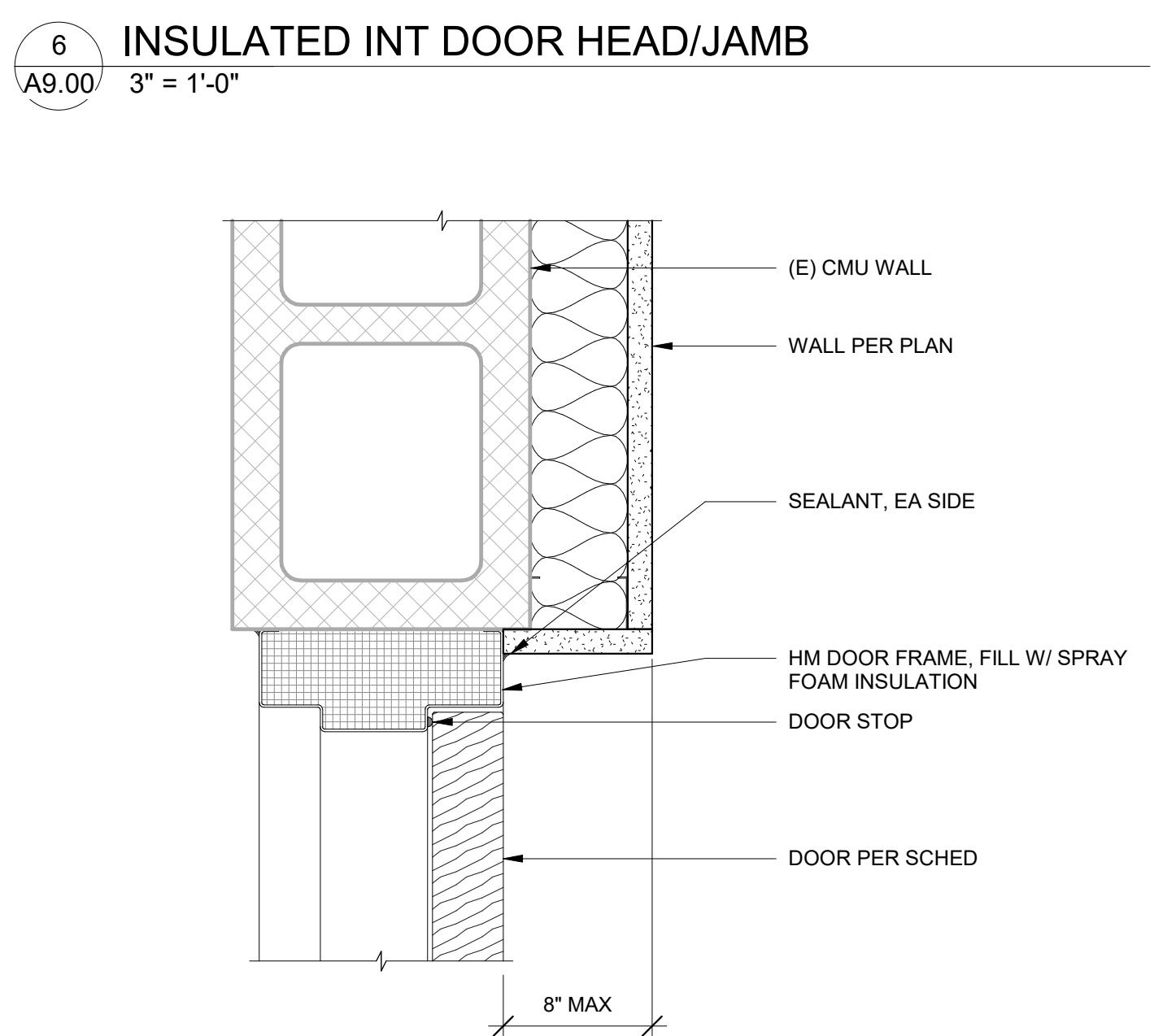
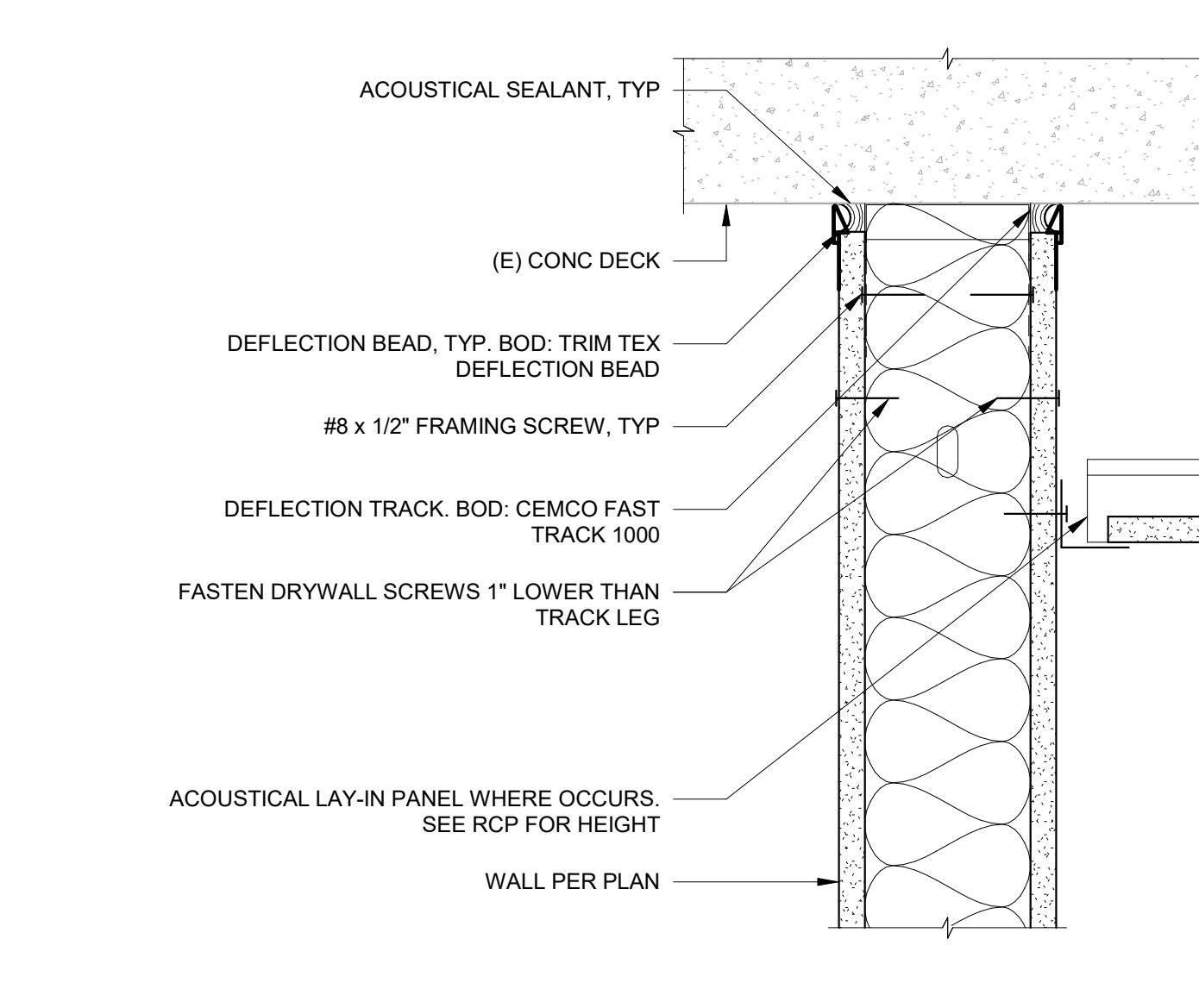
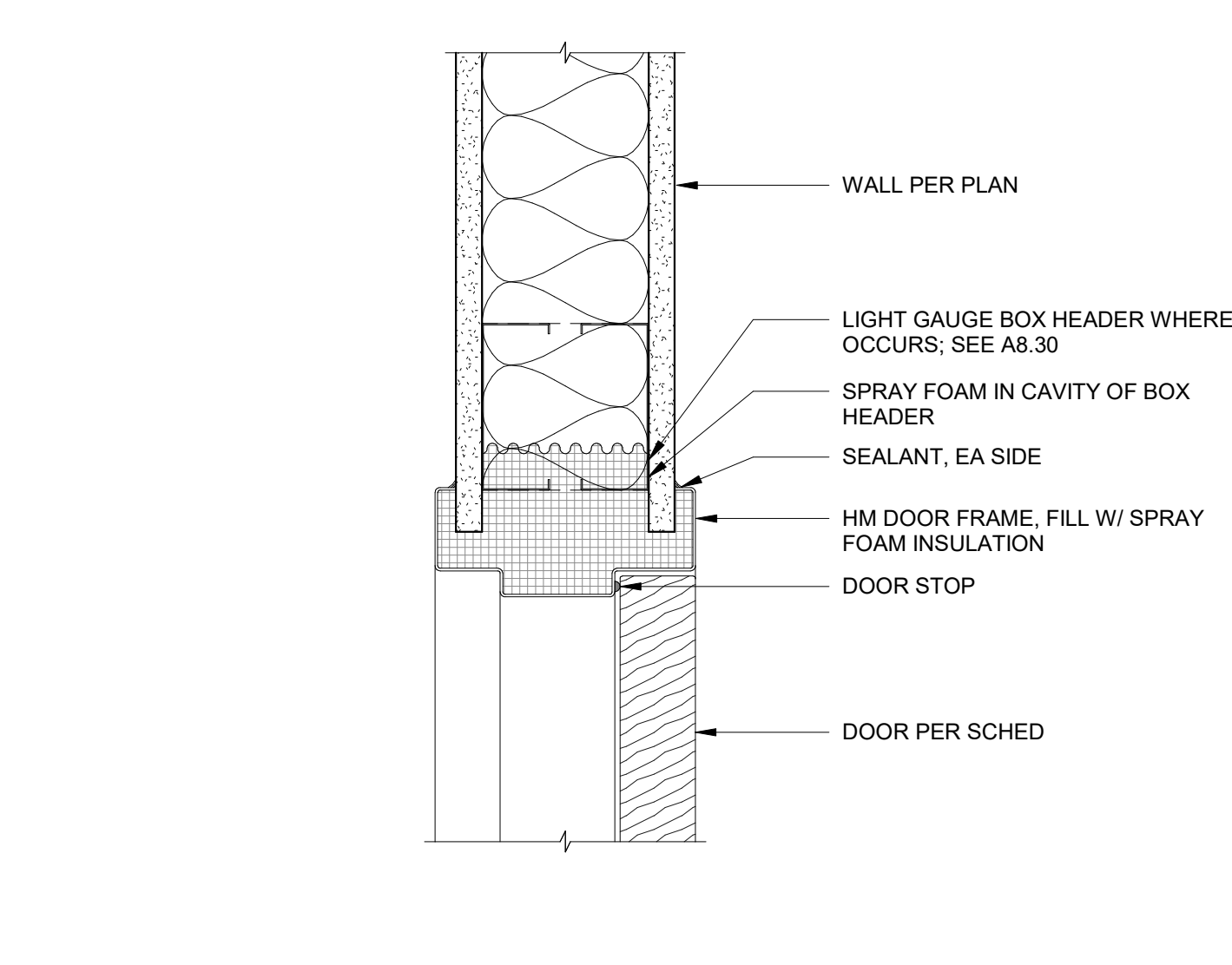
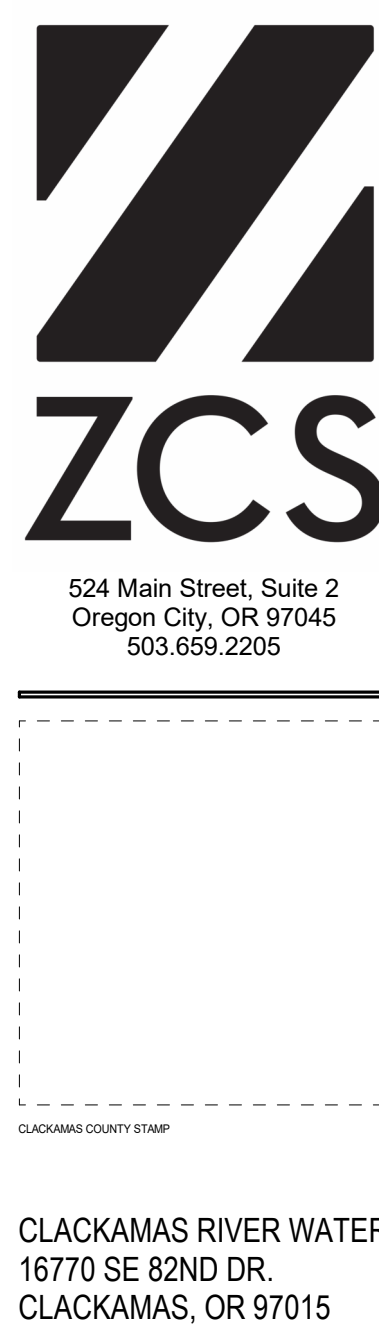
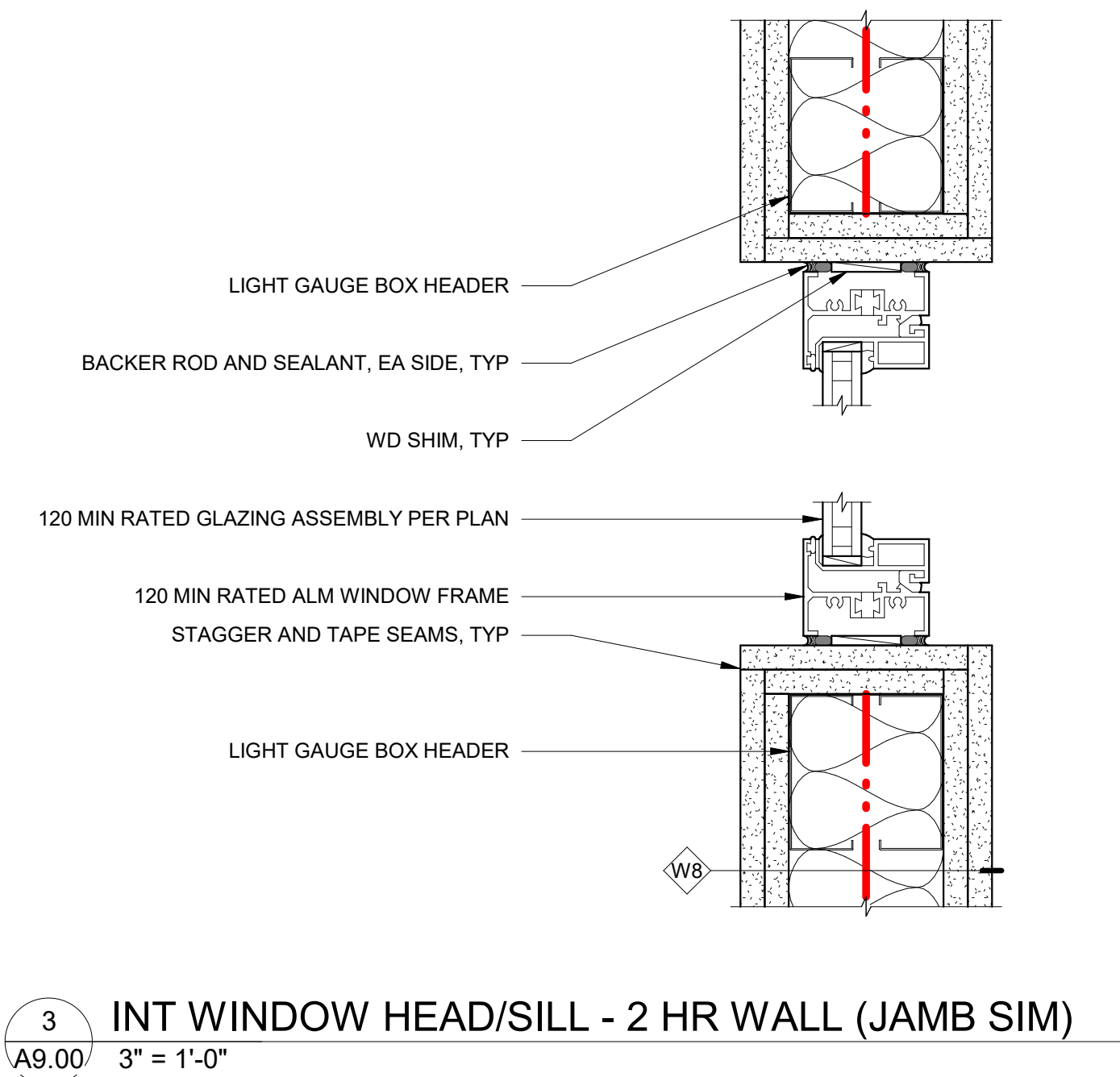
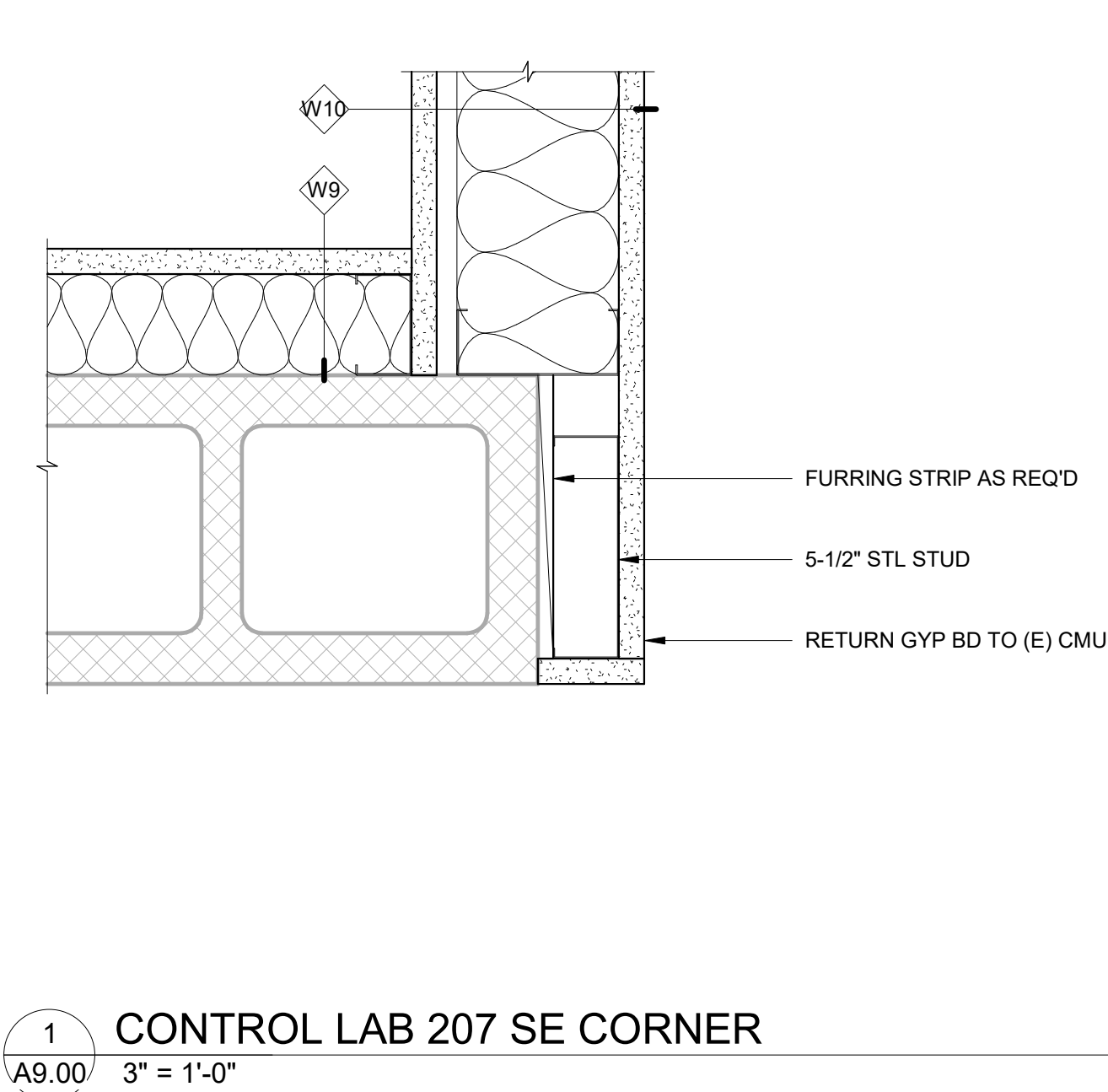
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2 ADDENDUM 2	09-04-2026
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DESIGNED: TBS/EWC
REVIEWED: MJC
DATE: 08-07-2026

FRAMING DETAILS

A8.30

BID AND PERMIT SET



TECHNOLOGY SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AV	AUDIO VISUAL
CAT	CATEGORY CABLE
CCTV	CLOSED CIRCUIT TELEVISION
COM	COMMUNICATION
CFOI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
(X)	DEMOLISH
(E)	EXISTING
LC	FIBER OPTIC CONNECTOR
FDU	FIBER OPTIC DISTRIBUTION UNIT
FT	FOOT, FEET
IN	INCH, INCHES
ICT	INFORMATION AND COMMUNICATIONS TECHNOLOGY
IT	INFORMATION TECHNOLOGY
ISP	INSIDE PLANT
LAN	LOCAL AREA NETWORK
LV	LOW VOLTAGE
NTS	NOT TO SCALE
OSP	OUTSIDE PLANT
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFCI	OWNER FURNISHED, OWNER INSTALLED
PTZ	PAN, TILT, ZOOM
PBB	PRIMARY BONDING BUSBAR
QTY	QUANTITY
RU	RACK UNIT
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TBC	TELECOMMUNICATIONS BONDING CONDUCTOR
TBC	TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
TR	TELECOMMUNICATIONS ROOM
TR	TYPICAL
UPS	UNINTERRUPTABLE POWER SUPPLY
WP	WEATHERPROOF
WAN	WIDE AREA NETWORK
WAP	WIRELESS ACCESS POINT
WFI	WIRELESS FIDELITY

AUDIO/VIDEO

	FLOOR BOX HDMI OUTLET - HDMI OUTLET WITH SINGLE-GANG ADAPTER PLATE AND 1-1/2-INCH CONDUIT STUBBED TO AV IN-WALL BOX BEHIND MONITOR OR ACCESSIBLE CEILING SPACE (SEE ELECTRICAL FLOOR BOX SCHEDULE FOR FLOOR BOX TYPE)
	HDMI OUTLET - HDMI OUTLET IN AV IN-WALL BOX WITH SINGLE-GANG ADAPTER PLATE AND 1-1/2-INCH CONDUIT TO FLOOR BOX OR ACCESSIBLE CEILING SPACE

ELECTRONIC SECURITY

	CARD READER (RACEWAY ONLY) - 3/4-INCH CONDUIT WITH PROTECTIVE BUSHING TO ACCESSIBLE CEILING SPACE
	M = MULLION MOUNT K = CARD READER WITH KEYPAD
	SURVEILLANCE CAMERA OUTLET - ONE (1) CAT6A UTP CABLE WITH ISO BOX AND SINGLE GANG ADAPTER RING WITH 1-INCH CONDUIT AND PROTECTIVE BUSHING STUBBED TO ACCESSIBLE CEILING SPACE

PATHWAYS

	3/4" FIRE RATED PLYWOOD BACKBOARD
	CONDUIT AND CONDUCTORS ABOVE GRADE
	CONDUIT AND CONDUCTORS BELOW GRADE OR SLAB
	CONDUIT DOWN
	CONDUIT SLEEVE
	CONDUIT UP
	CONDUIT/WIRING CONTINUATION

CABLE RUNWAY, WIDTH AS INDICATED

REFERENCE SYMBOLS

	DETAIL NUMBER AND SHEET LOCATION
	KEYED NOTES
	SECTION NUMBER AND SHEET LOCATION

TELECOMMUNICATIONS

	FLOOR BOX WITH TELECOM OUTLET - FOUR (4) INDOOR/OUTDOOR RATED CAT6A UTP CABLES AND FACEPLATE WITH CAT6A MODULAR CONNECTORS AND 1-1/4-INCH IN-SLAB EMT CONDUIT WITH PROTECTIVE BUSHING STUBBED TO ACCESSIBLE CEILING SPACE (SEE ELECTRICAL FLOOR BOX SCHEDULE FOR FLOOR BOX TYPE)
	TELECOM OUTLET - FOUR (4) CAT6A UTP CABLES ROUTED TO ISO BOX WITH SINGLE-GANG PLASTER RING AND FLUSH-MOUNTED FACEPLATE WITH CAT6A MODULAR CONNECTORS AND 1-1/4-INCH EMT CONDUIT WITH PROTECTIVE BUSHING STUBBED TO ACCESSIBLE CEILING SPACE
	TELECOM OUTLET - TWO (2) CAT6A UTP CABLES ROUTED TO ISO BOX WITH SINGLE-GANG PLASTER RING AND FLUSH-MOUNTED FACEPLATE WITH CAT6A MODULAR CONNECTORS AND 1-1/4-INCH EMT CONDUIT WITH PROTECTIVE BUSHING STUBBED TO ACCESSIBLE CEILING SPACE
	WAP CEILING OUTLET - ONE (1) CAT6A UTP CABLE ROUTED TO ISO BOX WITH SINGLE-GANG PLASTER RING AND FLUSH-MOUNTED FACEPLATE WITH CAT6A MODULAR CONNECTOR AND 1-1/4-INCH EMT CONDUIT WITH PROTECTIVE BUSHING STUBBED TO ACCESSIBLE CEILING SPACE

TECHNOLOGY RESPONSIBILITY MATRIX					
COMMUNICATIONS – TELECOM SYSTEMS:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
CONDUITS TO TELECOM ROOMS			•		
CABLE TRAY			•		
PLYWOOD BACKBOARDS			•		
EQUIPMENT RACKS AND ENCLOSURES			•		
CABLE RUNWAY			•		
OPTICAL FIBER BACKBONE CABLING	•				
COPPER HORIZONTAL CABLING			•		
FIBER TERMINATION PANELS	•				
COPPER PATCH PANELS			•		
WORK AREA OUTLETS AND CONNECTORS			•		
RACK-SIDE PATCH CORDS			•		
WORKSTATION-SIDE PATCH CORDS			•		
DATA COMMUNICATIONS SWITCHES AND ROUTING EQUIPMENT	•				
DATA COMMUNICATIONS WIRELESS ACCESS POINTS		•			
GROUNDING & BONDING			•		
COMMUNICATIONS – AUDIO-VISUAL SYSTEMS:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
AV CONDUITS			•		
FLOOR BOXES AND AV BACKBOXES			•		
AV EQUIPMENT RACKS	•				
AV CABLING	•				
DISPLAY MOUNTING HARDWARE	•				
FLAT-PANEL DISPLAYS	•				
HDMI, USB, AND AV EXTENDER EQUIPMENT	•				
SECURITY – ACCESS CONTROL:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
SECURITY DEVICE BACKBOXES			•		
SECURITY CABLING			•		
DOOR POWER TRANSFER DEVICES			•		
ELECTRIFIED LOCKING HARDWARE			•		
CARD READERS			•		
DOOR POSITION SWITCHES			•		
REQUEST-TO-EXIT DEVICES			•		
ACCESS CONTROL POWER SUPPLIES			•		
ACCESS CONTROL PANELS AND CONTROLLERS			•		
ACCESS CONTROL HEAD-END EQUIPMENT AND SOFTWARE			•		
SECURITY – VIDEO SURVEILLANCE:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
CAMERA BACKBOXES AND MOUNTS			•		
CAMERA CABLING			•		
IP CAMERAS			•		
NETWORK VIDEO RECORDERS			•		
VIDEO MANAGEMENT SYSTEM SOFTWARE			•		
VIDEO MONITORING WORKSTATIONS			•		
SECURITY – INTRUSION DETECTION:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
INTRUSION DETECTION DOOR POSITION SENSORS (EXT DOORS, 2ND FLOOR)			•		
INTRUSION DETECTION CABLING			•		
FIRE ALARM SYSTEM:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
CONDUIT TO FACP LOCATION			•		
DEVICE BACKBOXES			•		
FIRE ALARM CABLING			•		
FIRE ALARM CONTROL PANEL (FACP) AND CONTROL EQUIPMENT			•		
INITIATING DEVICES (SMOKE/HEAT DETECTORS, PULL STATIONS)			•		
NOTIFICATION APPLIANCES (HORNS/STROBES)			•		
POWER SUPPLIES / BATTERY BACKUP			•		
FIRE ALARM SYSTEM PROGRAMMING			•		
SCADA / PLC / CONTROLS:					
ITEM	OFOI	OFCI	CFCI	ODC	OCI
ROUGH-IN, PATHWAYS AND SLEEVES			•		
CONDUIT/RACEWAY TO PANEL LOCATIONS			•		
PANEL MOUNTING PADS / BACKBOARDS			•		
POWER (BRANCH CIRCUIT) TO PLORUTU PANEL LOCATIONS			•		
PLC/RTU PANELS AND ENCLOSURES			•		
PANEL INTERNALS, WIRING, AND TERMINATIONS				•	
SCADA NETWORK COMMUNICATIONS EQUIPMENT				•	
FIELD INSTRUMENTATION (LEVEL, FLOW, PRESSURE TRANSMITTERS, ETC.)				•	
PLC PROGRAMMING AND HMI CONFIGURATION				•	
TIE-IN TO EXISTING OWNER SCADA NETWORK / CUTOVER COORDINATION				•	
RESPONSIBILITY LEGEND					
OFOI	OWNER FURNISHED OWNER INSTALLED				
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED				
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED				
ODC	OWNER DELEGATED CONTRACTOR (UNDER CONTRACTOR'S CONTRACT)				
OCI	OWNER-CONTRACTED INTEGRATOR (UNDER OWNER'S CONTRACT)				

GENERAL TELECOMMUNICATIONS NOTES

- A. COMMUNICATIONS RACEWAYS, TRAYS, AND OUTLETS ARE SHOWN DIAGRAMMATICALLY. LOCATIONS ARE APPROXIMATE UNLESS SPECIFICALLY DIMENSIONED. FIELD COORDINATE ALL WORK WITH OTHER TRADES.
- B. CONSTRUCTION DETAILS SHOW TYPICAL INSTALLATION, AND APPLY TO ALL COMMUNICATIONS WORK INCLUDED IN THE SUMMARY OF WORK FOR THIS PACKAGE EVEN THOUGH NOT SPECIFICALLY REFERENCED ON THE PLAN DRAWINGS.
- C. THE TECHNOLOGY DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS WHICH, WHEN COMPLETE, CONSISTS OF DRAWINGS LISTED BY THE "INDEX OF DRAWINGS." PARTIAL SETS OF DRAWINGS NOT INCLUSIVE OF ALL DISCIPLINES ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED.
- D. INSTALL PULL STRINGS IN CONDUITS AT THE TIME OF CONDUIT AND CABLE INSTALLATION.
- E. WHERE CEILINGS ARE PROVIDED, CENTER CABLE TRAY, OUTLETS, AND CABLING BETWEEN LUMINAIRES AND CEILING DEVICES AND WITHIN CEILING TILES WHERE THEY OCCUR, COORDINATE WITH ARCHITECTURAL ELEVATIONS FOR EXACT WALL LOCATIONS, PRIOR TO INSTALLATION.

CONDUIT BEND RADIIUSES	
INTERNAL DIAMETER	MINIMUM BEND RADIUS
2" OR LESS	6 TIMES THE INTERNAL CONDUIT DIAMETER
2.5" OR MORE	10 TIMES THE INTERNAL CONDUIT DIAMETER

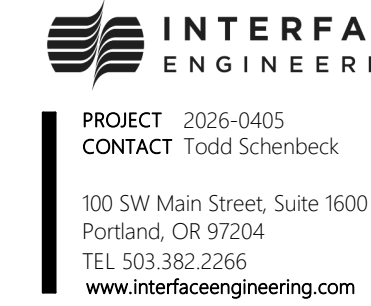
CONDUIT REQUIREMENT CABLE FILL *				
CONDUIT TRADE SIZE	CONDUIT AREA (SQ IN)	40% FILL BASED ON DIAMETER OF CABLES		
		.250"	.265"	.275"
1.25"	1.5"	4	4	4
2"	3.36"	27	24	22
3"	7.39"	72	64	59
4"	12.73"	120	106	99
* INDUSTRY STANDARD AND NEC CODES IS TO DESIGN FOR A MAXIMUM OF 40% FILL. THE ACTUAL NUMBER OF CABLES WHICH CAN BE INSTALLED IN A PARTICULAR CONDUIT CAN BE SLIGHTLY MORE OR SIGNIFICANTLY LESS DEPENDING UPON FOLLOWING:				
1. ALL CABLES MUST BE PULLED AT THE SAME TIME TO ACHIEVE THE GREATER FILL LEVELS.				



CLACKAMAS RIVER WATER
16770 SE 82ND DR.
CLACKAMAS, OR 97015

WTP BUILDING IMPROVEMENTS 2026

CRW #: 25-1199



DESCRIPTION	DATE:
2 ADDENDUM 2	09-04-26

PROJECT NO.	P-3116-26
DESIGNED:	TS
REVIEWED:	MO
DATE:	08-07-26

SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY

T0.01

SHEET INDEX

T0.01	SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY
TD2.10	FIRST FLOOR PLAN - TECHNOLOGY
TD2.20	SECOND FLOOR PLAN - TECHNOLOGY
T2.10	FIRST FLOOR PLAN - TECHNOLOGY
T2.20	SECOND FLOOR PLAN - TECHNOLOGY
T4.01	ENLARGED PLANS - TECHNOLOGY