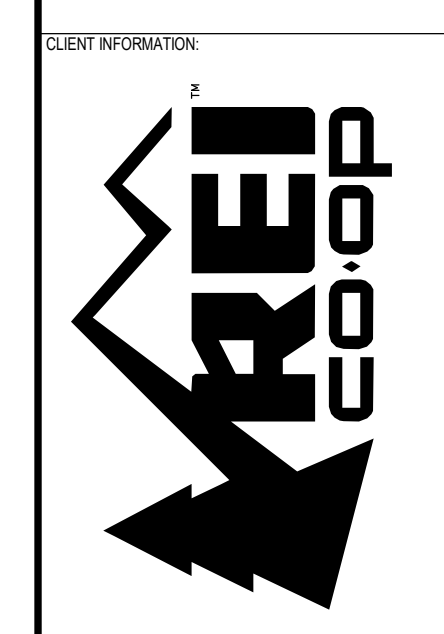


- ALL ANGLED WALLS ARE @ 45°, 90°, OR 135° UON.
- CONTRACTOR TO PROVIDE CLEAT AT ALL WALLS WHERE RACKING OCCURS. SEE 2A.302. MAINTAIN 38" CLEAR ROUTE AT ALL RACKING LOCATIONS.
- AFTER PLUMBING LEAVEOUTS ARE CONFIRMED, INFILL EXISTING SLAB LEAVEOUTS TO MATCH EXISTING ADJACENT.
- SECURE ALL EQUIPMENT TO WALL OR FLOOR WITH APPROPRIATE ANCHORS.
- PROVIDE SOUND INSULATION BLANKETS IN WALLS AS INDICATED BY PARTITION TYPE.
- STORAGE RACKING IN STORAGE AREAS IS TYPICALLY 18"-24" AFF WHICH FALLS BELOW THE HIGH PILE FOR OWNER'S INSURANCE.
- PROVIDE BLOCKING AND BACKING IN PARTITIONS FOR ALL CASEWORK, SHELVING, COUNTERTOPS, TOILET ACCESSORIES, AND OWNER SUPPLIED EQUIPMENT. COORDINATE WITH SHOP DRAWINGS.
- PROVIDE PLUMB STRAIGHT AND FLAT PARTITIONS IN RETAIL (110) FOR INSTALLATION OF FIXTURES. REVIEW EXISTING PARTITIONS - NOTIFY ARCHITECT IF NOT COMPLIANT AND FIX AS REQUIRED.
- ALL LEVEL CHANGES BETWEEN 1/4" AND 1/2" TO HAVE 1:2 BEVEL. LEVEL CHANGES GREATER THAN 1/2" TO HAVE A 1:12 SLOPE.



PROJECT INFORMATION
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CONSULTANT INFORMATION

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CO, 81601

SIGNATURE SEAL

SHEET LEGEND

- NEW CONSTRUCTION
- EXISTING CONSTRUCTION
- FLOOR BOX
- CONDUIT STUBBED THRU SLAB
- FIRE EXTINGUISHER
- FLOOR DRAIN
- METAL CORNER GUARD
- FOIO, UON
- 1HR FIRE RATED
- 2HR FIRE RATED
- SECURITY MESH
- FIELD VERIFY FLOOR FLATNESS AND LEVELNESS FOR ROLLING RACKS. PROVIDE UNIT PRICING FOR CONCRETE LEVELING OVERLAY. FEATHER TO EXISTING AT MAX 18" PER FOOT
- CONCRETE SLAB INFILL

REVISIONS:

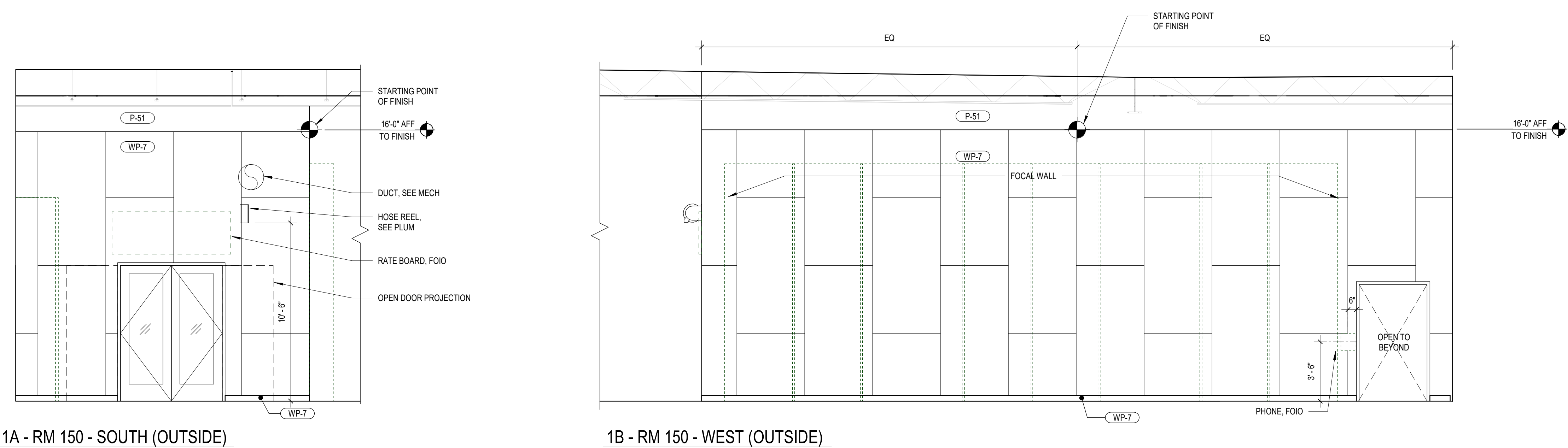
REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	12/20/21	BULLETIN 2
4	01/14/22	CONSTRUCTION SET
5	03/11/22	BULLETIN 4
5	03/02/22	BULLETIN 5

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

TRUE NORTH

A-111

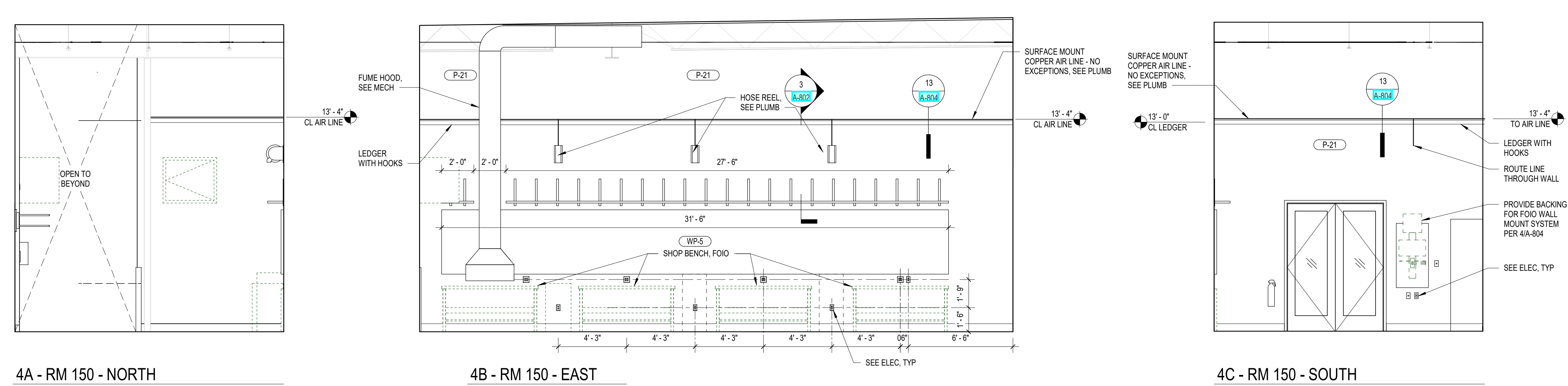
1 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



1A - RM 150 - SOUTH (OUTSIDE)

1B - RM 150 - WEST (OUTSIDE)

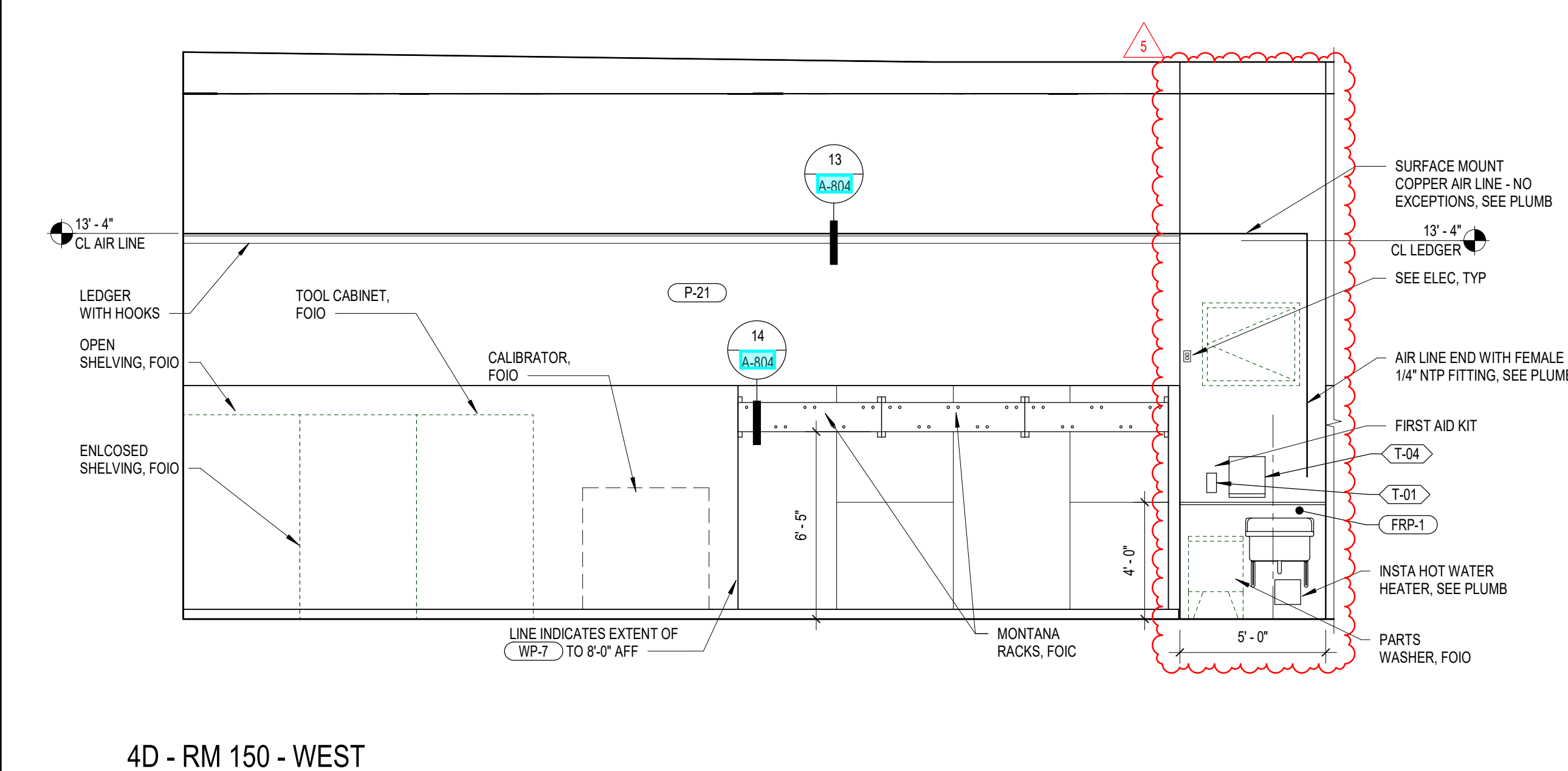
1 BIKE ASSEMBLY EXTERIOR - ELEVATIONS
SCALE: 1/4" = 1'-0"



4A - RM 150 - NORTH

4B - RM 150 - EAST

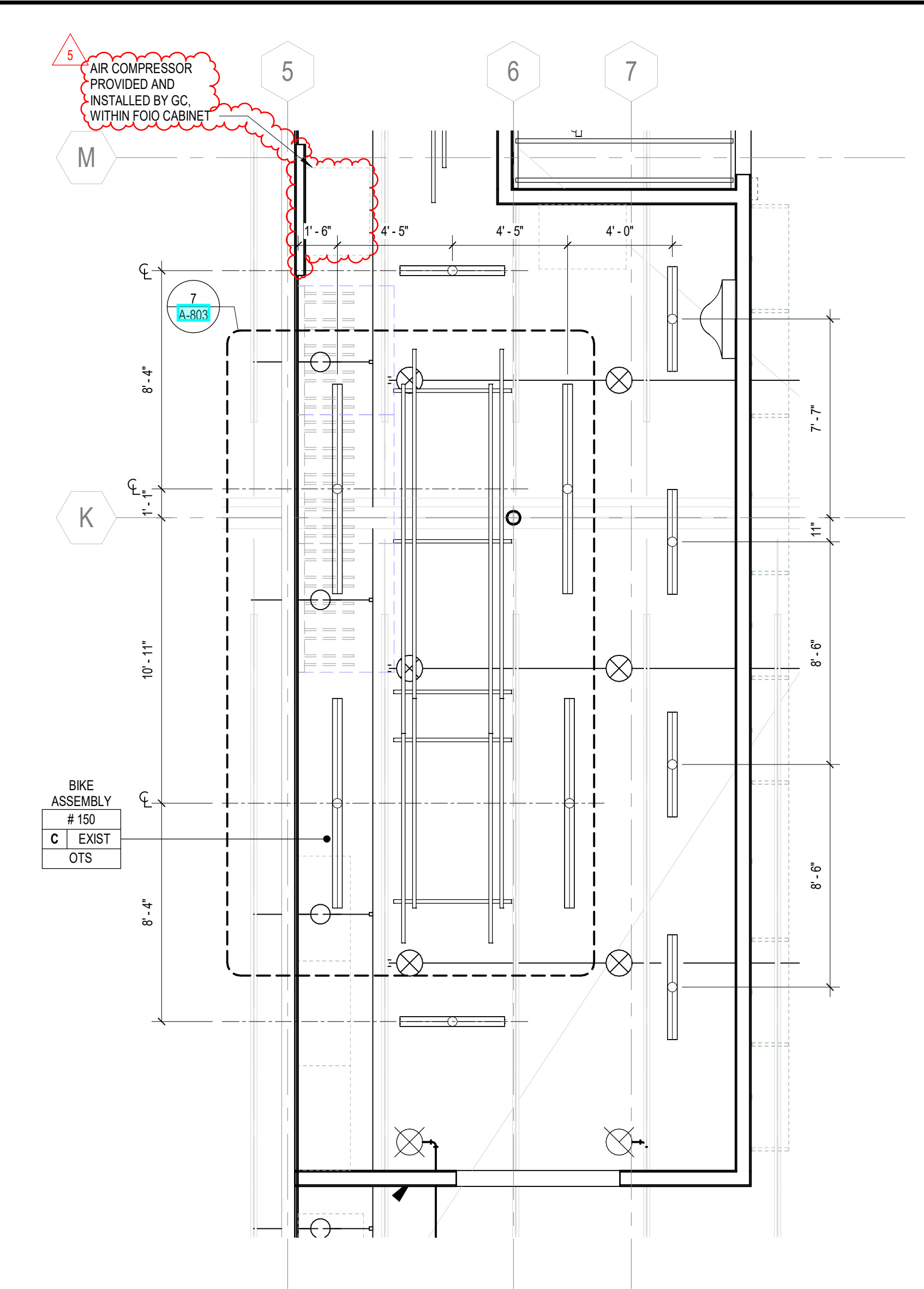
4C - RM 150 - SOUTH



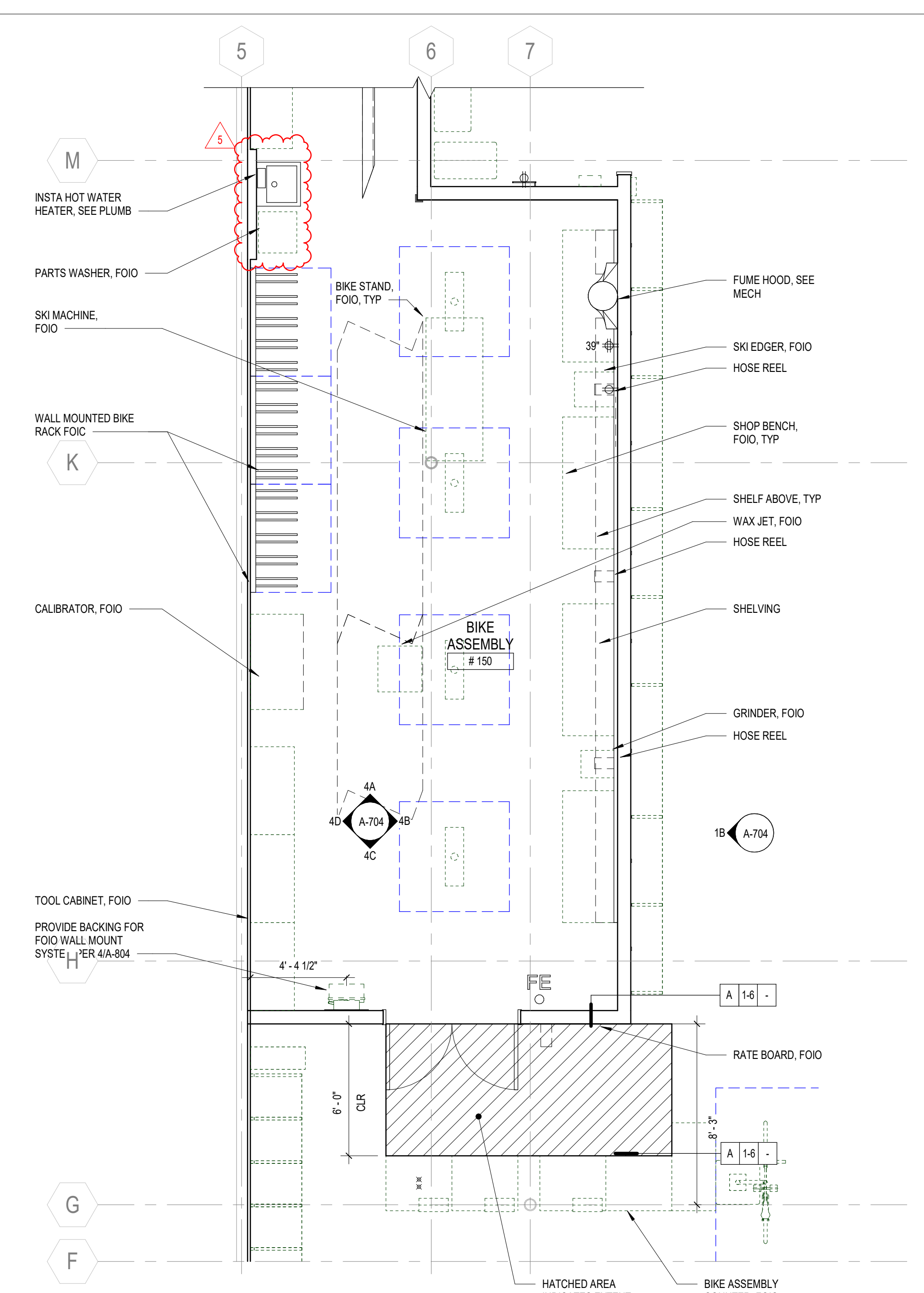
4D - RM 150 - WEST

SHOP EQUIPMENT AND REQUIREMENTS					
ITEM	RESPONSIBILITY	TYPE OF SERVICE	MODEL NAME	POWER REQMTS	SPECIAL REQUIREMENTS
SHOP BENCH	FOIO	BOTH	LISTA, 72"W X 30"D x 35.25"H, 3 DRAWERS		
MANUAL BIKE STAND	FOIO	BOTH	PARK TOOL PRS 2.2C		
POWERED BIKE STAND	FOIO	BOTH	PARK TOOL PRS 33.2	115V	POWER DROP FROM CEILING
PARTS CABINET	FOIO	BOTH	LISTA MS 1350		
OPEN SHELVING UNIT	FOIO	BOTH	HALLOWELL STARTER BOLTLESS SHELVING WITH PARTICLE BOARD DECKING		5 SHELVES, 48"W X 18"D X 84"H
GRINDING WHEEL WITH STAND	FOIO	BOTH	DAYTON, 6" BENCH GRINDER	120V/240V, 1/3 HP, 3450 MAX. RPM, 1/2" ARBOR, 3.5/1.75 AMPS	
HOSE REEL	FOIC	BOTH	REFER TO PROJECT MANUAL		
COMPRESSOR	FOIC	BOTH	REFER TO PROJECT MANUAL		
COMPRESSOR CABINET	FOIO	BOTH			PROVIDED BY THE FIXTURE TEAM
PARTS WASHER	FOIO	BOTH	BIKE CLEANERS MODEL: B2-XYG-912	115V	10' CORD LENGTH
WALL SHELVING	FOIC	BOTH			
WALL CABINETS	FOIO	BOTH	TENNSCO, COMMERCIAL STORAGE CABINET		BLACK, 72"H X 36"W X 18"D, ASSEMBLED
FILE CABINET	FOIO	BOTH			
EXHAUST FAN	FOIC	SKI	REFER TO PROJECT MANUAL		CAP DUCTWORK AT 10' AFF IN BIKE ONLY STORES
MANUAL SKI MACHINE	FOIO	SKI	WINTERSTEIGER OMEGA SBI	220V	POWER DROP FROM CEILING
SKI EDGER	FOIO	SKI	WINTERSTEIGER TRIM B	115V	POWER DROP FROM CEILING
BINDING CALIBRATOR	FOIO	SKI	WINTERSTEIGER SAFETRONIC	220V	SKI HARDGOOD ASSORTED STORES ONLY
WAXER	FOIO	SKI	WINTERSTEIGER WAX JET PRO	115V	
REPAIR GUN	FOIO	SKI	WINTERSTEIGER POLYMAN	208V	WALL OUTLET LOCATED ON BENCH
WALL-MOUNTED SKIBIKE STORAGE	FOIC	BOTH	MONTANA EASY HANG		1-1/4" PLYWOOD UNDERLAYMENT
WALL-MOUNTED HOOKS	FOIC	BIKE ONLY	REFER TO CONSTRUCTION DWGS		PLYWOOD HOOKS
OVERHEAD BIKE HOOKS	FOIC	BOTH	REFER TO CONSTRUCTION DWGS		UNISTRUT HOOKS
NON-STANDARD					
LIGHT DUTY SKI MACHINE (ALT)	FOIO	SKI	REICHMANN PROFIVARIO-B	208V	NON HARDGOODS
AUTOMATED SKI MACHINE	FOIO	SKI	WINTERSTEIGER SCOUT	220V	
SKI STORAGE RACKS	FOIO	SKI	MONTANA		INSTALLED IN STORES WITH RENTALS
BOOT DRYERS	FOIO	SKI	MONTANA		INSTALLED IN STORES WITH RENTALS
HOT BOX	FOIO	SKI	SUN VALLEY SKI TOOLS	220V	NO LONGER IN PRODUCTION

4 BIKE ASSEMBLY ROOM 150 - ELEVATIONS
SCALE: 1/4" = 1'-0"



3 ENLARGED BIKE ASSEMBLY RCP
SCALE: 1/4" = 1'-0"



6 ENLARGED BIKE ASSEMBLY PLAN
SCALE: 1/4" = 1'-0"

CLIENT STROKE NUMBER: #235

CLIENT INFORMATION: REI CO-OP

PROJECT INFORMATION: CALLISONRTKL

CONSULTANT INFORMATION: CALLISONRTKL, Inc. 1450 Drake Ave. Seattle, WA 98101 006-132864.81

PROJECT INFORMATION: REI-GLENWOOD SPRINGS 3216 S. GLEN AVENUE GLENWOOD SPRINGS, CO. 81601

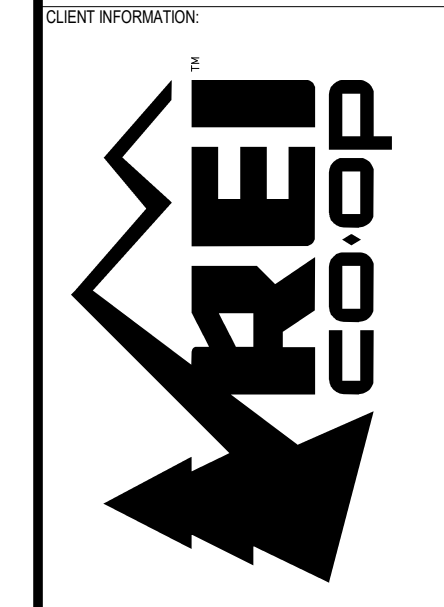
ISSUING/REVISION LOG:

REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	12/20/21	BULLETIN 2
3	01/14/22	BULLETIN 3
4	01/14/22	CONSTRUCTION SET
5	03/10/22	BULLETIN 5

SHEET TITLE: ENLARGED BIKE AREA PLAN AND ELEVATIONS

SHEET NUMBER: A-704

3/3/2022 9:56:37 PM © 2022 CallisonRTKL, Inc.

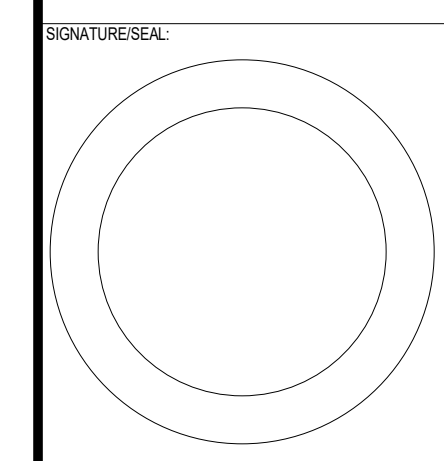


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City, State, Zip
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CONTRACTOR INFORMATION



DRAWING REVISION LOG

REV	DATE	DESCRIPTION
1	1/10/2021	BID SET
2	1/20/2021	BULLETIN 2
3	1/14/2022	BULLETIN 3
4	2/16/2022	BULLETIN 4
5	3/01/2022	BULLETIN 5

SHEET TITLE
1ST FLOOR PLAN - POWER & SIGNAL

SHEET NUMBER
E-100

POWER & SIGNAL GENERAL NOTES

- VERIFY EXACT LOCATIONS OF HVAC EQUIPMENT, CONDUIT SUB-UPS, AND POWER CONNECTIONS PRIOR TO ROUGH-IN. ALL NEW HVAC EQUIPMENT SHALL BE PROVIDED WITH A FACTORY INSTALLED AND WIRED DISCONNECT SWITCH UNLESS NOTED OTHERWISE.
- VERIFY EXACT LOCATION, MOUNTING HEIGHTS, AND CONDUIT ROUTING FOR ALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, AND CO2 SENSORS WITH TEMPERATURE CONTROLS CONTRACTOR PRIOR TO ROUGH-IN.
- REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS. COORDINATE PROVISIONS FOR ALL CONTROL CONDUIT AND WIRING AS REQUIRED FOR INTERLOCKING OF FANS, MOTORS, ETC. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- ALL DEVICES INSTALLED ON HVAC EQUIPMENT SHALL BE MOUNTED ON A NON-REMOVABLE PANEL OF THE EQUIPMENT. COORDINATE LOCATION WITH THE MECHANICAL AND/OR PLUMBING CONTRACTOR PRIOR TO COMMENCING ROUGH-IN WORK.
- ALL CONDUITS ON WALL OR COLUMNS SHALL RUN TO ROOF DECK.
- CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF POWER CONDUIT AT REPAIR COUNTER BEFORE BIDDING AND PROVIDING NEW CONDUIT AND WIRE. CONNECT TO EXISTING CIRCUITS. CONTRACTOR TO SUB-UP (1) 1" CONDUIT AND (1) 2" CONDUIT FOR POWER. FOR PHOTODATA TO ACCESSIBLE CEILING SPACE OR ROOF STRUCTURE.
- ALL 120 VOLT BRANCH CIRCUITS IN EXCESS OF 75 FEET SHALL HAVE CONDUCTOR SIZE INCREASED A MINIMUM OF ONE CONDUCTOR SIZE. INSTALLING CONTRACTOR SHALL DETERMINE ACTUAL CONDUCTOR SIZE TO BE INSTALLED TO ADHERE TO VOLTAGE DROP REQUIREMENTS.
- REFER TO ARCHITECTURAL ELEVATIONS FOR DIMENSIONS OF OUTLET LOCATIONS. DO NOT SCALE OFF DRAWINGS.
- ALL PHONE JACKS IN RETAIL SPACE SHALL BE MOUNTED SUCH THAT THEY ARE CENTERED BETWEEN THE DISPLAY PANELS AND NOT IN A SPACE THAT IS SMALLER THAN 12". ALL PHONES AT STRUCTURAL COLUMNS SHALL BE MOUNTED IN A SINGLE-GANG BACK-BOX.
- ALL INTRUSION DEVICES AND CCTV DEVICES REQUIRE BACK-BOX AND 1/2" CONDUIT WITH PULL STRING, TAGGED WITH SOURCE AND DESTINATION BACK TO TOP CLOSET. AT WALL LOCATIONS, STUB CONDUIT INTO ACCESSIBLE CEILING SPACE OR TOP OF WALL. IN RETAIL CEILING AREA, BURGULAR ALARM CONTRACTOR TO RUN WIRING TIGHT TO STRUCTURE. NO CONDUIT NEEDED. VERIFY EXACT DEVICES AND LOCATIONS WITH BURGULAR ALARM CONTRACTOR. KEYPAD, INTERCOM, AND INTERCOM SHOULD ARE INSTALLED BY OWNER.
- TELEPHONE AND DATA OUTLETS: PROVIDE BACKBOX AND CONDUIT WITH PULL CORD TAGGED WITH SOURCE AND DESTINATION, STUBBED UP TO ACCESSIBLE CEILING SPACE. CONDUIT IN WALLS OR ON COLUMNS SHALL BE 1" UNLESS OTHERWISE NOTED. CONDUIT IN SLAB SHALL BE 1" UNLESS OTHERWISE NOTED. REFER TO OWNER DIAGRAMS FOR LOCATIONS OF TERMINALS AND CONDUIT INSIDE OWNER SUPPLIED COUNTERS. CONDUITS AT PARTIAL HEIGHT WALLS SHALL BE ROUTED VIA THE NEAREST FULL HEIGHT WALL.
- ALL CONDUIT STUBS FOR LOW-VOLTAGE CABLING SHALL HAVE PLASTIC BUSHINGS ON ENDS OF CONDUIT.
- NEW RECEPTACLES AND TELEDATA OUTLETS MOUNTED ON COLUMNS IN RETAIL AREA SHALL BE LOCATED ON THE SIDE OF COLUMNS THAT IS FACING AWAY FROM FRONT ENTRANCE.

POWER & SIGNAL KEY NOTES

- EC TO PROVIDE IN-SLAB CONDUIT RUN FOR EAS PEDESTALS. EC SHALL TRENCH FLOOR FOR CONDUIT RUN TO EAS PEDESTALS AND SHALL ROUTE CONDUIT FROM EAS PANEL TO EAS PEDESTAL LOCATIONS, AND STUB CONDUIT UP 6" AFF FOR PEDESTALS. EC SHALL PROVIDE 3/4" CONDUIT TO EAS PEDESTALS.
- LOCATION IS SHOWN FOR REFERENCE ONLY. EAS PANEL AND DUPLEX RECEPTACLE SHALL BE SURFACE MOUNTED NEAR MAIN ENTRANCE. FIELD COORDINATE FINAL LOCATION.
- PROVIDE 120V POWER FOR DOOR OPERATOR. COORDINATE EXACT REQUIREMENTS WITH SUPPLIER.
- PROVIDE PUSHBUTTON FOR HANDICAP DOOR ACCESS. COORDINATE EXACT REQUIREMENTS WITH DOOR SHOP DRAWINGS. VERIFY LOCATION OF DEVICES, MOUNTING AND REQUIREMENTS PRIOR TO CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- VERIFY LOCATION WITH SECURITY VENDOR. REFER TO GENERAL NOTE 10 THIS SHEET.
- BURGULAR KEYPAD AT +8" AFF TO HIGHEST OPERABLE PART. PROVIDE 1/2" CONDUIT FROM DECK TO 48" AT INSIDE WALL.
- RECEPTACLES ARE SHOWN FOR REFERENCE ONLY. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH CASEWORK VENDOR.
- COORDINATE EXACT LOCATION OF RETAIL COUNTER CONDUIT SUB-UP WITH ARCHITECTURAL SHEETS.
- EXISTING (1) 1" CONDUIT FOR POWER AND (1) 2" CONDUIT FOR TELEDATA FROM STUB-UP LOCATION TO NEAREST EXTERIOR WALL. E.C. SHALL PROVIDE HOMERUN AND MAKE FINAL CONNECTION TO PANEL. E.C. SHALL PROVIDE JUNCTION BOX IN CASEWORK FOR POWER TO RECEPTACLES. COORDINATE LOCATION OF JUNCTION BOX AND CONNECTION TO RECEPTACLES WITH CASEWORK VENDOR.
- PROVIDE 1/2" CONDUIT WITH CONTROL WIRING FROM THERMOSTAT SENSORS AT +0" AFF TO CORRESPONDING UNIT.
- PROVIDE CEILING-MOUNTED RECEPTACLE AT BOTTOM OF STRUCTURE FOR PUBLIC VIEW MONITOR. SEE A.154 FOR LOCATION AND MOUNTING HEIGHT.
- PROVIDE JUNCTION BOX AND DEDICATED CIRCUIT FOR HAND DRYER. COORDINATE MOUNTING HEIGHT OF JUNCTION BOX WITH MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE (1) 4" CONDUIT FROM TOP RACK TO IDF. VERIFY TERMINATION POINT AND ROUTING PRIOR TO BID. ADD PULL BOXES AT ALL 90 DEGREE TURNS. LEAD CONDUIT AT 0" ABOVE PL/WOOD ENCLOSURE.
- PROVIDE (2) 1/2" (1) #12G, 3/4" FROM AG-1 TO CONDENSATE PUMP, WHICH IS MOUNTED TO AG-1. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.
- PROVIDE CEILING-MOUNTED NEMA TYPE 1/4-20R 208V/1P RECEPTACLE FOR BOAT LIFT. VERIFY EXACT MOUNTING LOCATION IN THE FIELD.
- EXHAUST FAN TO BE CIRCUITED TO LOCAL FITTING ROOM CIRCUIT. EXHAUST FAN SHALL BE CONTROLLED BY LOCAL OCCUPANCY SENSOR LOCATED ON THE SPACE IT SERVES. SEE SHEET E-200 FOR OCCUPANCY SENSOR LOCATION.
- PROVIDE (1) 4" CONDUIT FROM JUNCTION BOX IN TOP ROOM TO JUNCTION BOX IN RPSU STORAGE AREA. ADD PULL BOXES AT ALL 90 DEGREE TURNS.
- PROVIDE 2"x2"x4" PULL BOX FOR TOP COUNTER.
- PROVIDE (1) 1-1/2" CONDUIT FOR TELEDATA RECEPTACLES. SEE GENERAL NOTE 11 FOR ADDITIONAL REQUIREMENTS.
- EC TO PROVIDE FLUSH FLOOR MOUNTED FLOOR BOX RECEPTACLE HUBBELL #B4329 FLOOR BOX, WITH #5A825 ELECTRICAL PLATE FLOOR BOX. EC SHALL PROVIDE (1) 3/4" CONDUIT FOR POWER TO NEAREST COLUMN OR EXTERIOR WALL. ELECTRICAL CONTRACTOR SHALL PROVIDE HOMERUN AND MAKE FINAL CONNECTION TO PANEL.
- EC SHALL PROVIDE (1) 3/4" CONDUIT FOR POWER TO NEAREST COLUMN OR EXTERIOR WALL. ELECTRICAL CONTRACTOR SHALL PROVIDE HOMERUN AND MAKE FINAL CONNECTION TO PANEL.
- INSTALL TENANT FURNISHED BOATBIKE LIFT CONTROLS. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE. CONTROLS ARE SURFACE MOUNTED. NO CONDUIT REQUIRED.
- PROVIDE JUNCTION BOX RECESSED IN CEILING FOR TRAFFIC COUNTER. TRAFFIC COUNTER SHALL BE ORIENTED SUCH THAT THE LONGEST DIMENSION OF THE TRAFFIC COUNTER IS PARALLEL WITH THE DOOR. VERIFY EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE A 1" CONDUIT WITH PULLSTRING.
- MOUNT TIMER SWITCH IN RECESSED 2-GANG BOX AT 48" ON WALL ADJACENT TO ROPE CUTTER. DO NOT MOUNT ABOVE ROPE CUTTER.
- PROVIDE JUNCTION BOX FOR DOOR COUNTER AND CAMERA SURFACE MOUNTED ADJACENT TO ENTRY DOOR. VERIFY EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE A 3/4" CONDUIT WITH PULLSTRING.
- PROVIDE CONDUIT AND PULL STRING TO ABOVE ACCESSIBLE CEILING FOR ELECTRONIC ARTICLE SURVEILLANCE (EAS) SYSTEM. CONDUIT TO STUB OUT TO WALL AT +54" AFF AT LOCATION SHOWN. COORDINATE WITH CHECKPOINT SECURITY DRAWINGS.
- EAS PANEL. PROVIDED 12"x12"x4" ENCLOSURE WITH (2) JUNCTION BOXES MOUNTED IN SIDES OF BOX FOR EAS PEDESTAL POWER SUPPLIES. MOUNT ABOVE CEILING UNLESS OTHERWISE NOTED. COORDINATE REQUIREMENTS WITH REI CONSTRUCTION MANAGER.
- PROVIDE CONDUIT AND WIRING FROM MOTORIZED DOOR TO J BOX ON INTERIOR OF PREMISES. J BOX TO BE MOUNTED A MINIMUM OF 18" AFF. TENANT WILL PROVIDE HOMERUN AND FINAL CONNECTION TO PANEL. DOOR INSTALLATION INCLUDES DOOR OPERATOR CONTROLS. PROVIDE A MTC 38LM EXTERIOR THREE-BUTTON LOCKOUT SURFACE MOUNT CONTROL STATION. CONTROL STATION SHALL BE LOCATED ADJACENT TO DOOR. PROVIDE WIRING FROM CONTROL STATION TO MOTOR PER MANUFACTURER REQUIREMENTS.
- PROVIDE DUPLEX FOR POWER TO SINK SENSOR. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- RECEPTACLE SHALL BE INSTALLED 18" MAX ABOVE THE TOP OF THE WINDOW. REFER TO ARCHITECTURAL SHEETS FOR EXACT LOCATION.
- PROVIDE 2" CONDUIT WITH PULL STRINGS STUBBED INTO SPACE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS.
- PROVIDE ELECTRICAL CONNECTIONS FOR WASHER & DRYER. COORDINATE ELECTRICAL REQUIREMENTS WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATION WITH OWNER. PROVIDE (1) #10G, 1" TO ELECTRIC DRYER LOCATION.
- EXISTING DEVICES IN THIS SPACE SHALL BE RE-CIRCUITED TO NEW PANELS.
- PROVIDE (2) 50 AMP, 2-POLE NON-FUSED, TOGGLE DISCONNECT SWITCHES FOR INSTANTANEOUS WATER HEATER. VERIFY LOCATION OF DISCONNECTS WITH ARCHITECT. VERIFY ADDITIONAL REQUIREMENTS WITH PLUMBING CONTRACTOR. DISCONNECTS SHALL BE INTEGRALLY LOCKABLE AND SHALL BE CLEARLY AND PERMANENTLY LABELED AS "WH-1".

SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF POWER AND SIGNAL DEVICES.



1 1ST FLOOR PLAN - POWER & SIGNAL
SCALE: 1/8" = 1'-0"
ELECTRICAL

NOVAR CONTROL NOTES:

NOTE: NOT ALL OF THE FOLLOWING WILL BE USED AT EVERY LOCATION.

- 1. ZONE 'a' - EMPLOYEE AND CUSTOMER LIGHTING (NOVAR OUTPUT #1) = TYPE 'CZ' FIXTURES SHALL TURN ON TO 50% DURING EMPLOYEE HOURS AND RAISE TO 100% DURING CUSTOMER HOURS. TYPE 'CZ' FIXTURES SHALL DIM CONTINUOUSLY BASED ON PHOTOSENSOR READINGS. DIMMING SYSTEM TO BE PROVIDED WITH DEMAND RESPONSE CONTROL INPUT TO REDUCE TOTAL LIGHTING LOAD BY 15% WHEN SIGNAL IS RECEIVED.
2. ZONE 'b1' - EMPLOYEE HOURS 1 (NOVAR OUTPUT #2) = CONTROLLED BY NOVAR TIME SCHEDULE WHEN EMPLOYEES ONLY ARE IN THE FACILITY. THIS OUTPUT SHALL CONTROL ALL LAMPS IN THE FIXTURE. DIMMING SYSTEM TO BE PROVIDED WITH DEMAND RESPONSE CONTROL INPUT TO REDUCE TOTAL LIGHTING LOAD BY 15% WHEN SIGNAL IS RECEIVED.
3. ZONE 'b2' - EMPLOYEE HOURS 2 (RETAIL SPACE) (NOVAR OUTPUT #3) = CONTROLLED BY NOVAR TIME SCHEDULE WHEN EMPLOYEES ONLY ARE IN THE FACILITY. THIS OUTPUT SHALL CONTROL ALL LAMPS IN THE FIXTURE. ALL FIXTURES ON THIS FUNCTION SHALL BE CONTROLLED THROUGH A DIMMABLE OVERRIDE SWITCH LOCATED IN EMPLOYEE OFFICE.
4. ZONE 'c' - EMPLOYEE AND CUSTOMER LIGHTING (NOVAR OUTPUT #1) = TYPE 'CZ' FIXTURES SHALL TURN ON TO 50% DURING EMPLOYEE HOURS AND RAISE TO 100% DURING CUSTOMER HOURS. DIMMING SYSTEM TO BE PROVIDED WITH DEMAND RESPONSE CONTROL INPUT TO REDUCE TOTAL LIGHTING LOAD BY 15% WHEN SIGNAL IS RECEIVED.
5. ZONE 'd' - SPARE.
6. ZONE 'e' - CUSTOMER LIGHTING (NOVAR OUTPUT #5) = 100% OF ALL TRACK LIGHT FIXTURES (TYPES 'B2', '1C', & 'W').
7. ZONE 'f' - SIGNS AND EXTERIOR LIGHTS (NOVAR OUTPUT #8) CONTROLLED BY NOVAR TIME SCHEDULE AND OUTDOOR PHOTOCCELL.
8. ZONE 'g' - SHOW WINDOWS (NOVAR OUTPUT #9) CONTROLLED BY NOVAR TIME SCHEDULE.
9. ZONE 'h' - SITE LIGHTING (NOVAR OUTPUT #10) CONTROLLED BY NOVAR TIME SCHEDULE AND OUTDOOR PHOTOCCELL.
10. EGRESS AND SECURITY LIGHTING = 'ON' 24-HOURS (NOT CONTROLLED BY NOVAR).
11. FIXTURES LABELED 'CZ' SHALL HAVE AN INTEGRAL BATTERY PACK, CIRCUITED TO THE REMOTELY OPERATED CIRCUIT BREAKER FOR EMERGENCY CONTROL.
12. FIXTURES LABELED 'NL' SHALL HAVE A CONTINUOUS HOT TO OPERATE 24 HOURS AND NOT ON NOVAR CONTROL.

PANEL SCHEDULE GENERAL NOTES

- 1. OVERCURRENT DEVICE ENCLOSURE SHALL BE IDENTIFIED AS SERIES RATED AND LABELED IN ACCORDANCE WITH N.E.C. 110-22 AND DEVICES SHALL BE A.I.C. RATED PER MANUFACTURER.
2. SEE SHEET E-501 FOR WIRE SIZES OF ALL NEW CIRCUITS.

PANEL SCHEDULE KEY NOTES

- 1. ALL CIRCUIT BREAKERS ON NOVAR CONTROL SHALL BE TYPE PL BREAKER.
2. EMERGENCY LIGHTS FED BY THIS CIRCUIT SHALL HAVE BOTH A CONTROLLED AND UNCONTROLLED CIRCUIT ROUTED TO IT.
3. PROVIDE (6) SPARE CONTROLLABLE 'PL' BREAKERS IN PANELS 'L' AND 'L1'.
4. PROVIDE GFCI RATED CIRCUIT BREAKER FOR EQUIPMENT INDICATED.

Branch Panel: L
Location: Space 318
Supply From: SEE SINGLE LINE DIAGRAM
Mounting: RECESSED
Volts: 480/277 Vye
Phases: 3
Wires: 4
A.I.C. Rating: 42 KAIC
Mains Rating: 200 A
MCB Rating: 200 A

Branch Panel: L1
Location: Space 318
Supply From: SEE SINGLE LINE DIAGRAM
Mounting: RECESSED
Volts: 120/208 Vye
Phases: 3
Wires: 4
A.I.C. Rating: 22 KAIC
Mains Rating: 225 A
MCB Rating: 225 A

Branch Panel: R1
Location: Space 318
Supply From: SEE SINGLE LINE DIAGRAM
Mounting: RECESSED
Volts: 120/208 Vye
Phases: 3
Wires: 4
A.I.C. Rating: 22 KAIC
Mains Rating: 100 A
MLO Rating: 100 A

Branch Panel: R2
Location: Space 318
Supply From: SEE SINGLE LINE DIAGRAM
Mounting: RECESSED
Volts: 120/208 Vye
Phases: 3
Wires: 4
A.I.C. Rating: 22 KAIC
Mains Rating: 100 A
MLO Rating: 100 A

Branch Panel: MDP
Location: Space 318
Supply From: SEE SINGLE LINE DIAGRAM
Mounting: RECESSED
Volts: 480/277 Vye
Phases: 3
Wires: 4
A.I.C. Rating: 65 KAIC
Mains Rating: 600 A
MCB Rating: 600 A

Branch Panel: LDP
Location: Space 318
Supply From: SEE SINGLE LINE DIAGRAM
Mounting: RECESSED
Volts: 120/208 Vye
Phases: 3
Wires: 4
A.I.C. Rating: 22 KAIC
Mains Rating: 400 A
MCB Rating: 350 A

#235
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PROJECT INFORMATION:
CONSULTANT INFORMATION:
PROJECT INFORMATION:
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REVISION LOG
REV DATE DESCRIPTION
1 11/08/2021 BID SET
2 12/20/2021 BULLETIN 2
1/14/2022 ISSUED FOR CONSTRUCTION
4 2/16/2022 BULLETIN 4
5 3/01/2022 BULLETIN 5

SHEET TITLE: PANEL SCHEDULES
SHEET NUMBER: E-500

EXISTING EQUIPMENT CONNECTION SCHEDULE

TAG (1)	DESCRIPTION (2)	LOAD (3)	WIRE/CONDUIT (4)	STARTER/DISCONNECT (5)	VOLTAGE (6)	FEED (7)	LOCAL DISCONNECT (8)	REMARKS (9)
RTU IX	ROOFTOP UNIT	12 MCA 15 MOCP	3#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	480V 3P	MDP	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	UNIT IS EXISTING TO BE RECIRCUTED
RTU IX	ROOFTOP UNIT	19 MCA 25 MOCP	3#10 AWG 1#10 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	480V 3P	MDP	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	UNIT IS EXISTING TO BE RECIRCUTED
RTU IX,4X	ROOFTOP UNIT	27 MCA 30 MOCP	3#10 AWG 1#10 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	480V 3P	MDP	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	UNIT IS EXISTING TO BE RECIRCUTED
RTU IX	ROOFTOP UNIT	27 MCA 30 MOCP	3#10 AWG 1#10 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	480V 3P	MDP	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	UNIT IS EXISTING TO BE RECIRCUTED
RTU IX,7X	ROOFTOP UNIT	22 MCA 25 MOCP	3#10 AWG 1#10 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	480V 3P	MDP	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	UNIT IS EXISTING TO BE RECIRCUTED

NEW EQUIPMENT CONNECTION SCHEDULE

TAG (1)	DESCRIPTION (2)	LOAD (3)	WIRE/CONDUIT (4)	STARTER/DISCONNECT (5)	VOLTAGE (6)	FEED (7)	LOCAL DISCONNECT (8)	REMARKS (9)
EF 1	EXHAUST FAN	1/3 H.P.	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY MC, INSTALLED BY EC
EF 2	EXHAUST FAN	80W	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY MC, INSTALLED BY EC
EF 3	EXHAUST FAN	1/10 H.P.	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY MC, INSTALLED BY EC
EF 4,5	EXHAUST FAN	1/10 H.P.	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	EC TO PROVIDE DISCONNECT CONTROLLED THROUGH OCCUPANCY SENSOR
EF 6	EXHAUST FAN	1/10 H.P.	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	EC TO PROVIDE DISCONNECT CONTROLLED THROUGH OCCUPANCY SENSOR
AC 1	INDOOR AIR CONDITIONING UNIT	0.5 MCA 15 MOCP	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	208V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY MC, INSTALLED BY EC
CU 1	OUTDOOR CONDENSING UNIT	16.5 MCA 20 MOCP	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	208V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY MC, INSTALLED BY EC
EH 1	ELECTRIC UNIT HEATER	19.2 MCA	2#10 AWG 1#10 AWG EQ. GND. 3/4"	<input checked="" type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	208V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT FURNISHED WITH UNIT
UH 1	UNIT HEATER	14 H.P.	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	-
IWH 1	INSTANTANEOUS WATER HEATER	20 KW (2) CCTS REQD	3#6 AWG 1#10 AWG EQ. GND. 1" PER CIRCUIT	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	277V 1P	L	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY EC
EW 1	ELECTRIC WATER HEATER	6 KW	3#10 AWG 1#10 AWG EQ. GND. 3/4" PER CIRCUIT	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	277V 1P	L	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY EC
CP 1	CIRCULATION PUMP	45 W	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY EC
EP 1	CIRCULATION PUMP	1/2 H.P.	2#12 AWG 1#12 AWG EQ. GND. 3/4"	<input type="checkbox"/> INTEGRAL TO EQUIPMENT <input type="checkbox"/> IN MCC <input type="checkbox"/> NEMA SIZE <input type="checkbox"/> TYPE	120V 1P	L1	<input type="checkbox"/> FUSED <input type="checkbox"/> NON-FUSED <input type="checkbox"/> THERMAL SWITCH, 120V, 1P <input type="checkbox"/> A FUSE <input type="checkbox"/> A SWITCH	DISCONNECT PROVIDED BY EC

NOTE: PROVIDE SEPARATE GROUNDING CONDUCTOR SIZED PER NEC 250.122 INSTALLED FOR ALL HVAC UNITS.

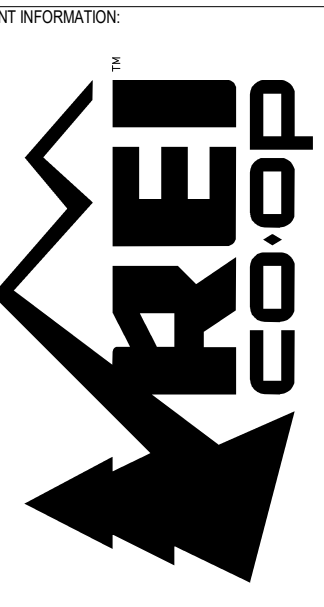
EQUIPMENT CONNECTION SCHEDULE KEY NOTES

- VERIFY FINAL LOCATION OF ALL EQUIPMENT WITH EQUIPMENT INSTALLER BEFORE INSTALLING FEEDERS.
- SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR MORE INFORMATION.
- SIZE STARTER/FEEDER DISCONNECT PER FINAL EQUIPMENT REQUIREMENTS.
- PROVIDE FEEDERS AS INDICATED, VERIFY WITH EQUIPMENT REQUIREMENTS.
- PROVIDE OVERLOAD PROTECTION (FUSES OR MOTOR CIRCUIT PROTECTOR) PER SPECIFICATIONS, ACTUAL FIELD MEASURED FULL LOAD CURRENT, AND EQUIPMENT MANUFACTURERS REQUIREMENTS.
- VERIFY FINAL VOLTAGE AND PHASE REQUIREMENTS OF ALL EQUIPMENT WITH INSTALLER BEFORE INSTALLING FEEDERS.
- COORDINATE SHORT CIRCUIT OGD RATING WITH FINAL EQUIPMENT REQUIREMENTS.
- EC TO PROVIDE LOCAL DISCONNECT WITHIN 5'-0" OF EQUIPMENT.
- NON-STANDARD ITEMS, TIMERS, METERS, INTERLOCKS, ETC.

GENERAL NOTES

- PROVIDE POWER CONNECTIONS TO ALL ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND OWNER FURNISHED EQUIPMENT. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR LOCATIONS AND POWER REQUIREMENTS. VERIFY ALL TECHNICAL DATA WITH FINAL SHOP DRAWINGS.
- OVER CURRENT PROTECTION SIZES LISTED ARE FROM MANUFACTURERS AND STANDARD MOTOR DATA. FURNISH FUSES BASED ON FUSE MANUFACTURERS STANDARDS, ACTUAL FIELD MEASURED FULL LOAD CURRENT, AND EQUIPMENT MANUFACTURERS REQUIREMENTS.
- FLEXIBLE CONNECTIONS TO MOTORS SHALL BE IN FLEXIBLE CONDUIT. PROVIDE COPPER EQUIPMENT GROUND FROM DISCONNECT TO MOTOR CONNECTION.

CLIENT STAKE NUMBER
#235



PROJECT INFORMATION

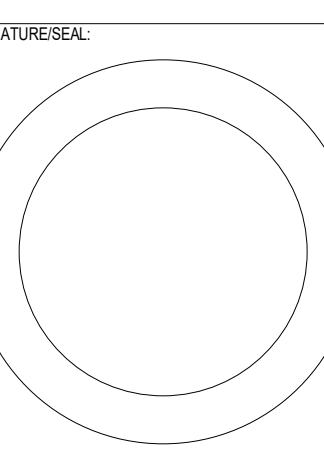
CALLISONRTKL
Legal Entity
Building Name
City, State, Zip
XXX-XXXX-XX

CONSULTANT INFORMATION



PROJECT INFORMATION

REI-GLENWOOD SPRINGS
3200 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601



REV	DATE	DESCRIPTION
1	1/08/2021	BID SET
2	12/20/2021	BULLETN 2
1/4/2022	ISSUED FOR CONSTRUCTION	
5	3/01/2022	BULLETN 5

SHEET TITLE
EQUIPMENT SCHEDULES

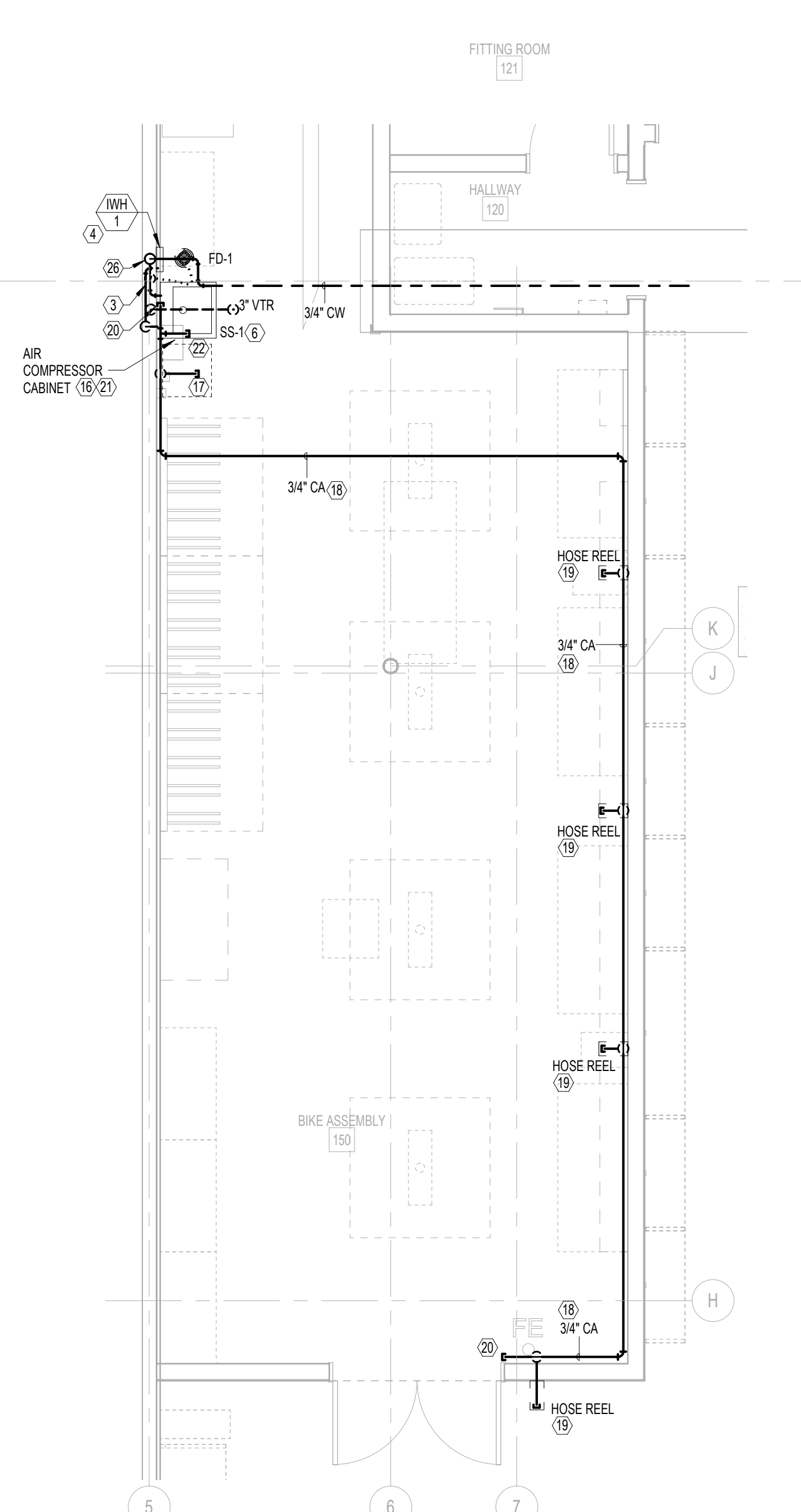
SHEET NUMBER
E-501

PLUMBING GENERAL NOTES

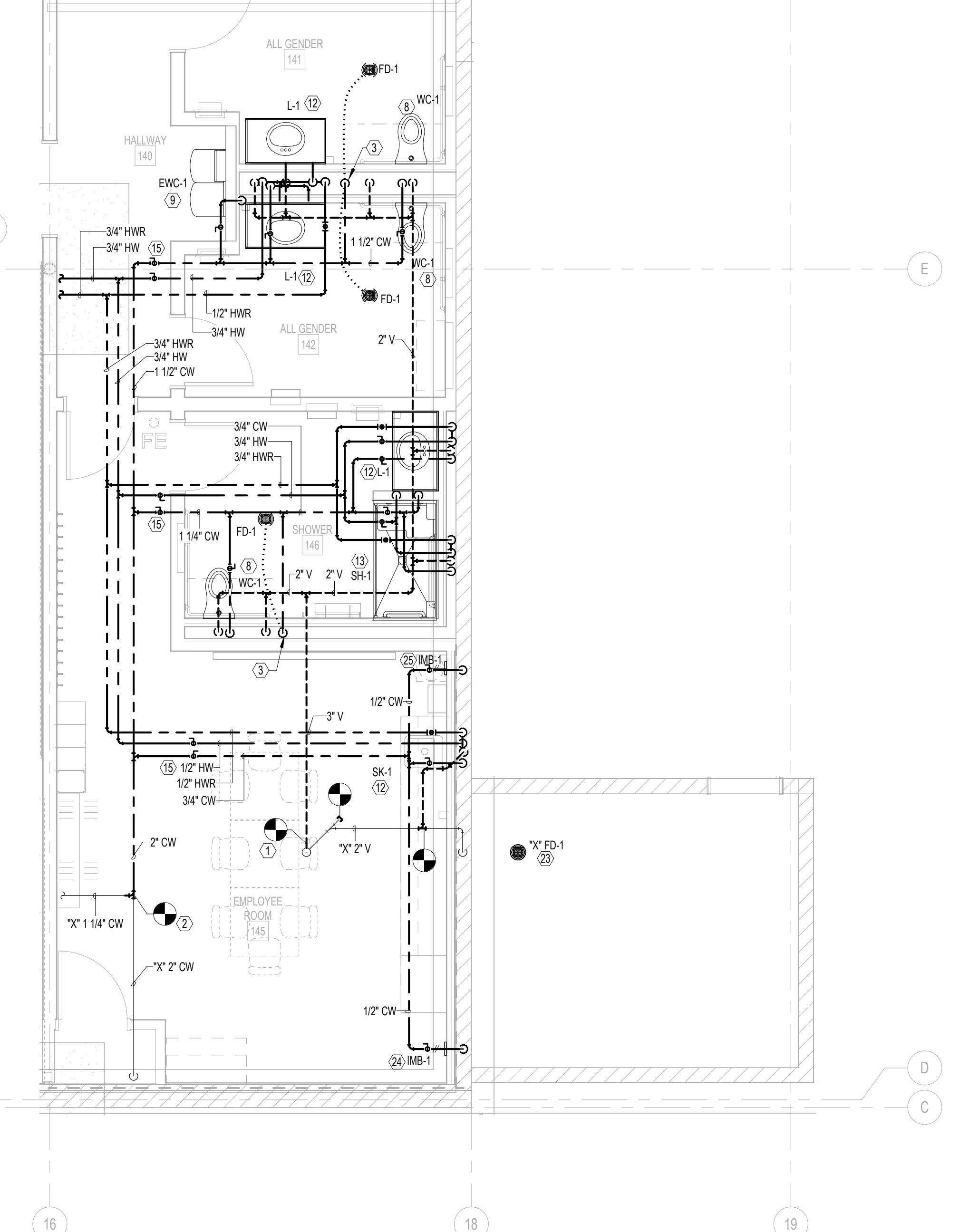
- CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- COORDINATE WITH THE WORK OF OTHER SECTIONS. EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE PIPE RISERS, DROPS, AND OFFSETS, AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE PIPING, CONNECTIONS, FITTINGS, VALVES, OFFSETS, ETCETERA AND ALL MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY AND THE AUTHORITY HAVING JURISDICTION. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- PROVIDE WATER HAMMER ARRESTORS THROUGHOUT WATER SYSTEMS AS REQUIRED. REFER TO DETAIL 5-B-200.
- PROVIDE BACKFLOW PREVENTION DEVICES IN WATER LINES FEEDING PLUMBING FIXTURES AND/OR EQUIPMENT, AS SHOWN ON PLANS AND ELSEWHERE AS REQUIRED BY AUTHORITY HAVING JURISDICTION. USE DEVICES OF APPROVED MANUFACTURER AND TYPE IN ACCORDANCE WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. IF PRESSURE AT BUILDING ENTRY PRIOR TO ALL LOCALLY REQUIRED DEVICES IS LESS THAN 60 PSIG STATIC, CONTACT OWNER'S REPRESENTATIVE. IF PRESSURE EXCEEDS 80 PSIG, PROVIDE PRESSURE REDUCING VALVE.
- SUSPEND HORIZONTAL SERVICE PIPING FROM UNDERSIDE OF ROOF OR FLOOR STRUCTURE UNLESS OTHERWISE INDICATED. INSTALL PIPING AS HIGH AS POSSIBLE. EXTEND PIPING DOWN IN WALLS, PARTITIONS, AND CHASES TO SERVE FIXTURES AND EQUIPMENT.
- VERIFY SERVICE CONNECTION POINTS, SIZES, ELEVATIONS, AND METERING LOCATIONS FOR PROJECT WITH LOCAL UTILITY COMPANIES AND/OR CIVIL ENGINEER AS APPLICABLE.
- USE OF COMBUSTIBLE MATERIALS IS NOT ALLOWED IN RETURN AIR PLenums. MATERIALS USED IN THE PLENUM SHALL HAVE FLAME SPREAD RATING NOT TO EXCEED 25, AND SMOKE DEVELOPED RATING NOT TO EXCEED 500 WHEN TESTED IN ACCORDANCE WITH ASTM E84.

PLUMBING KEY NOTES

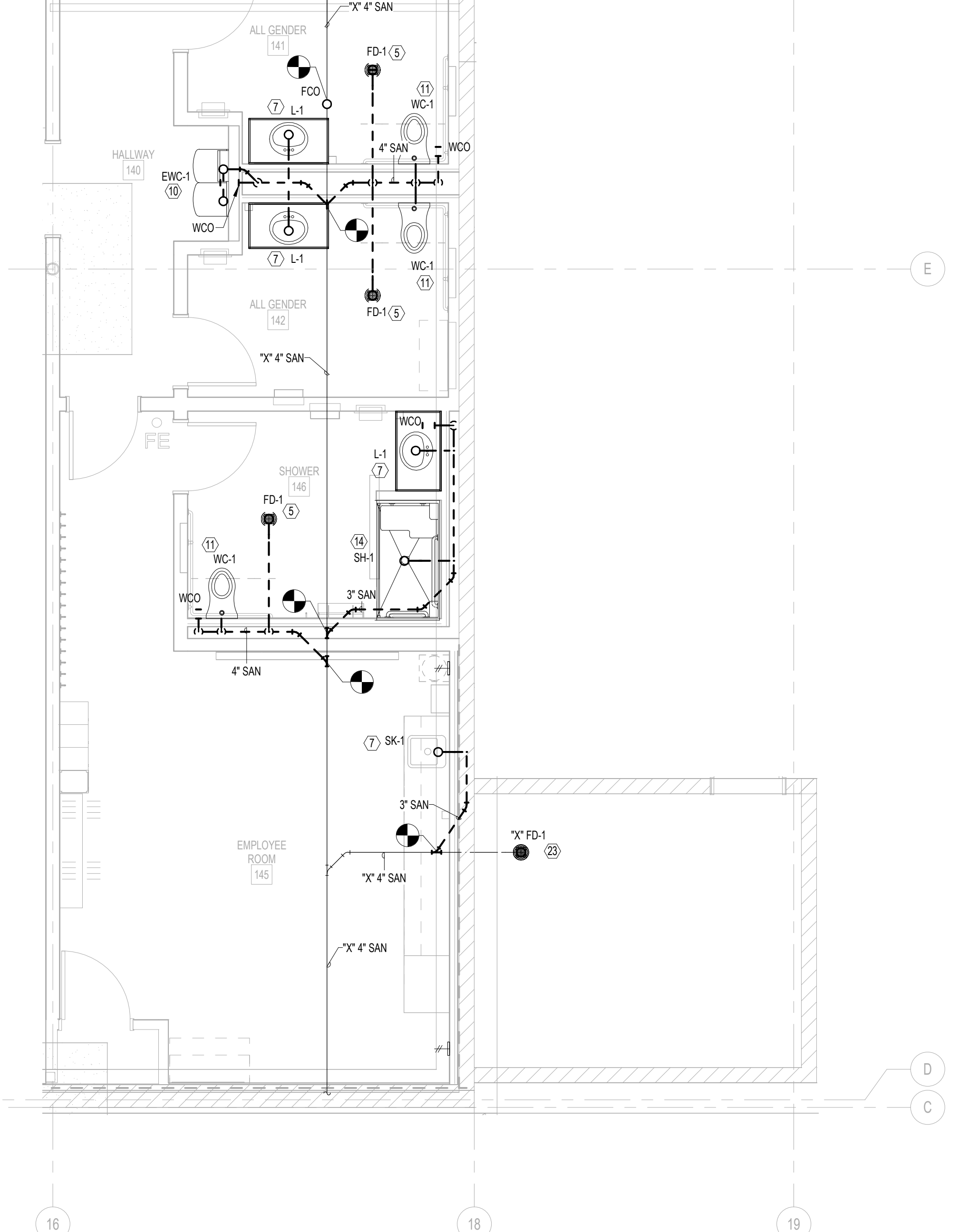
- CONNECT TO EXISTING VENT THRU ROOF PROVIDED BY LL IN THIS VICINITY PER DETAIL 5-B-200. VERIFY ALL VENTS ARE A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKES.
- EXTEND 2" DOMESTIC PIPING TO CONNECT TO EXISTING LANDLORD PROVIDED SERVICE. BACKFLOW PREVENTER AND WATER METER. VERIFY MAIN SHUT-OFF VALVE LOCATION AND PROVIDE ALUMINUM SIGN THAT READS "DOMESTIC WATER SHUT-OFF VALVE".
- PROVIDE TRAP PRIMER IN THIS VICINITY PER DETAIL 1-B-200.
- PROVIDE INSTANTANEOUS WATER HEATER IN THIS VICINITY PER DETAIL 2-B-200.
- INSTALL FLOOR DRAIN AND CONNECT TO UNDERGROUND SANITARY LINE IN THIS VICINITY. FIELD VERIFY EXACT LOCATION AND MAKE NECESSARY CONNECTION.
- PROVIDE 3/4" COLD WATER AND HOT WATER SUPPLY WITH STOP TO SINK. EXTEND 2" VENT UP TO ABOVE CEILING. BELOW FLOOR AND 2" VENT UP TO ABOVE CEILING.
- 1 1/2" SANITARY CONNECTION TO SERVICE SINKS/LAVATORY WITH P-TRAP IN WALL. 2" SANITARY DOWN TO BELOW FLOOR AND 2" VENT UP TO ABOVE CEILING.
- PROVIDE 1-1/4" COLD WATER SUPPLY WITH STOP TO WATER CLOSET.
- PROVIDE 1/2" COLD WATER SUPPLY WITH STOP TO ELECTRIC WATER COOLER.
- 1-1/2" SANITARY CONNECTION TO ELECTRIC WATER COOLER WITH P-TRAP IN WALL. 2" SANITARY DOWN TO BELOW FLOOR AND 2" VENT UP TO ABOVE CEILING.
- 4" UNDERGROUND SANITARY CONNECTION TO WALL MOUNTED WATER CLOSET. CONNECT TO 4" UNDERGROUND SANITARY BELOW FLOOR WITH 2" VENT UP TO ABOVE CEILING.
- PROVIDE 1/2" COLD AND HOT WATER SUPPLIES WITH STOPS TO LAVATORY SINK. EXTEND 2" VENT UP TO ABOVE CEILING. PROVIDE MIXING VALVE (TMV-1) ON ALL LAVATORIES/SINKS. SEE SCHEDULE FOR MORE INFORMATION.
- PROVIDE 1/2" COLD WATER AND HOT WATER SUPPLY WITH STOPS TO SHOWER. EXTEND 2" VENT UP TO ABOVE CEILING.
- 1-1/2" SANITARY CONNECTION TO SHOWER WITH P-TRAP. 2" SANITARY DOWN TO BELOW FLOOR AND 2" VENT UP TO ABOVE CEILING.
- LOCATE SHUT-OFF VALVE BETWEEN 8'-0" AND 11'-0" AFF. IF ABOVE INACCESSIBLE CEILING, PROVIDE WITH ACCESS PANEL. IF ABOVE CEILING, PROVIDE WITH LABEL TO READ "LOCATION OF ZONE SHUT-OFF VALVE".
- CONTRACTOR TO INSTALL COMPRESSOR AND PROVIDE A QUICK CONNECT CONNECTION TO THE COMPRESSOR AND PIPING. CONTRACTOR TO MOUNT COMPRESSOR ON WALL. MAKE NECESSARY ADJUSTMENTS AND ROUTING OF CA PIPING TO CONNECT TO AIR COMPRESSOR.
- 3/4" SUPPLY RISER ON FM MANIFOLD TO 1/4" MALE PIPE THREAD TERMINATION AT 48" AFF. MAKE NECESSARY ADJUSTMENTS TO ROUTING OF CA PIPING TO AIR COMPRESSOR.
- 3/4" COMPRESSED AIR LINE AT 13'-4" AFF. AIRLINE TO BE COPPER AND SURFACE MOUNTED WITH NO EXCEPTIONS. INSTALL BY CONTRACTOR.
- ALL COMPRESSED AIR LINES TO BE INSTALLED TIGHT TO WALL, NOT ON OVERHEAD UNISTRUT. PROVIDE REEL/CRAFT HOSE REEL EQUAL TO GRANNER #26360 (REEL/CRAFT #4420-0L/P). USE FLEXIBLE AIR HOSE TO CONNECT TO HOSE REEL FROM CA PIPE. (FOIC).
- 3/4" CA CAPPED END WITH MALE PIPE THREAD.
- PROVIDE A 90 DEG ELBOW, 1" HOSE, BALL VALVE WITH NPT THREADING, AND A 10'-0" LONG VINYL HOSE FOR DRAINAGE FROM THE COMPRESSOR.
- AIR LINE END WITH FEMALE 1/4" NPT FITTING PER STANDARD.
- EXISTING FLOOR DRAIN AND ALL ASSOCIATED PIPING TO BE REMAIN.
- INSTALL IMB-1 PER MANUFACTURER'S RECOMMENDATION. CONNECT AND CAP 1/2" CW PIPING FOR FUTURE CONNECTION TO REFRIGERATOR TO SUPPLY INTEGRAL ICE MAKER. PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE BACKFLOW PREVENTER AS REQUIRED BY CODE.
- INSTALL IMB-1 PER MANUFACTURER'S RECOMMENDATION. CONNECT AND CAP 1/2" CW PIPING FOR FUTURE CONNECTION TO OWNER-PROVIDED WATER COOLER. COORDINATE SIZE AND LOCATION WITH OWNER. PROVIDE BACKFLOW PREVENTER AS REQUIRED BY CODE.
- LOCATE SHUT-OFF VALVE IN WALL AT 5'-0" AFF. PROVIDE WITH WALL ACCESS PANEL AND LABEL TO READ "LOCATION OF ZONE SHUT-OFF VALVE".
- 2" SAN FROM EP-1 UP FURRED OUT WALL TO CONNECT INTO NEAREST EXISTING SANITARY LINE IN CEILING.



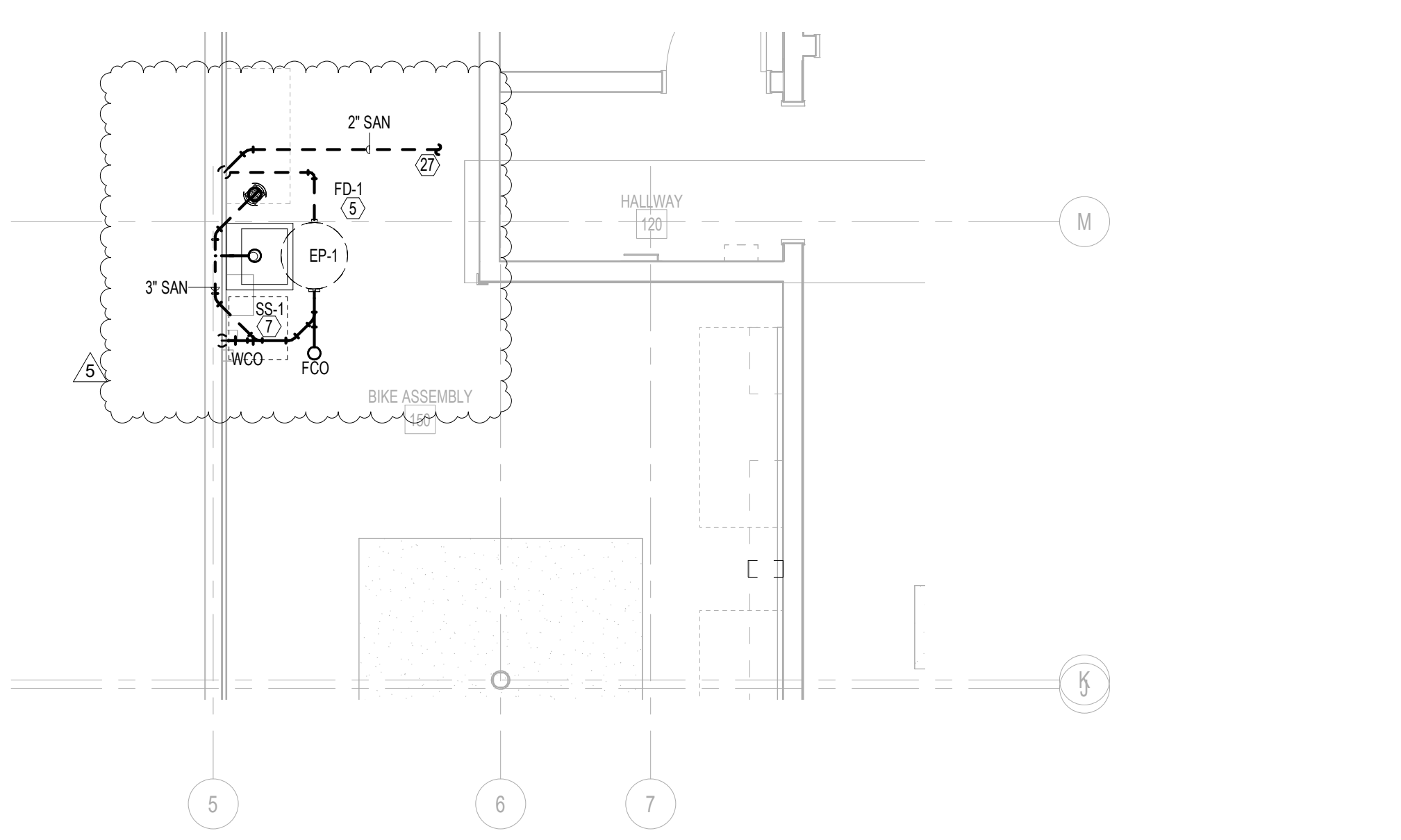
1 ENLARGED BIKE ASSEMBLY PLUMBING PLAN - DOMESTIC WATER AND VENT
P-101 NO SCALE PLUMBING



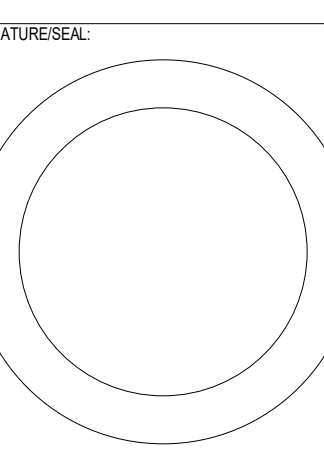
2 ENLARGED PLUMBING PLAN - DOMESTIC WATER AND VENT
P-101 SCALE: 1/4" = 1'-0" PLUMBING



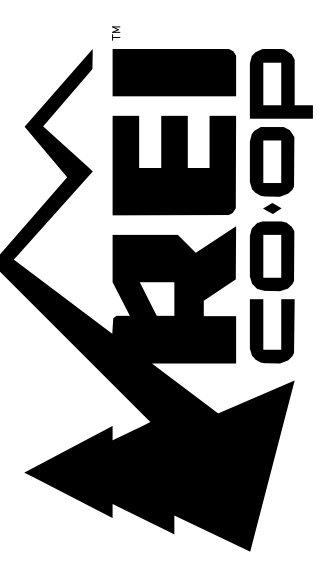
3 ENLARGED PLUMBING PLAN - SANITARY
P-101 SCALE: 1/4" = 1'-0" PLUMBING



4 ENLARGED BIKE ASSEMBLY PLUMBING PLAN - SANITARY
P-101 NO SCALE PLUMBING



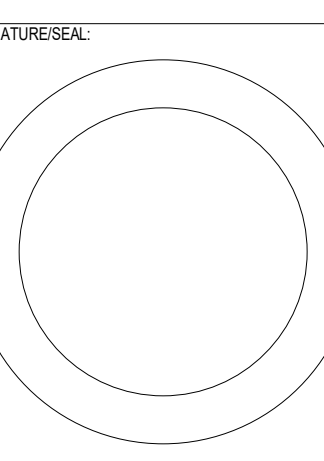
REV	DATE	DESCRIPTION
1	1/08/2021	BID SET
2	12/20/2021	BULLETN 2
3	1/14/2022	ISSUED FOR CONSTRUCTION
5	3/01/2022	BULLETN 5



ARCHITECT INFORMATION: CALLISONRTKL
Legal Entity: REI Co-op
Building Name: REI Co-op
City, State, Zip: XXX-XXXX-XX



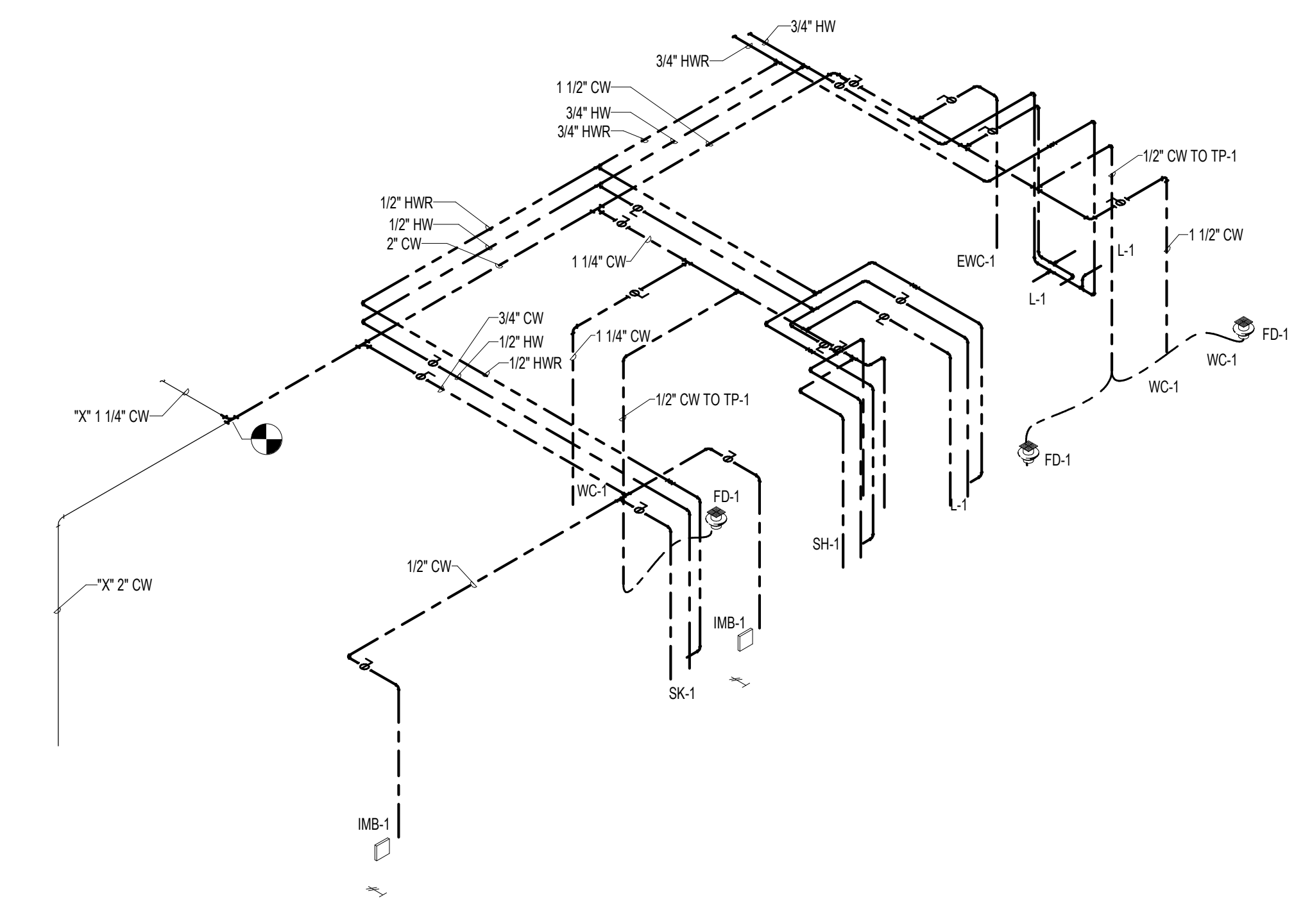
PROJECT INFORMATION: REI-GLENWOOD SPRINGS
3300 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81611



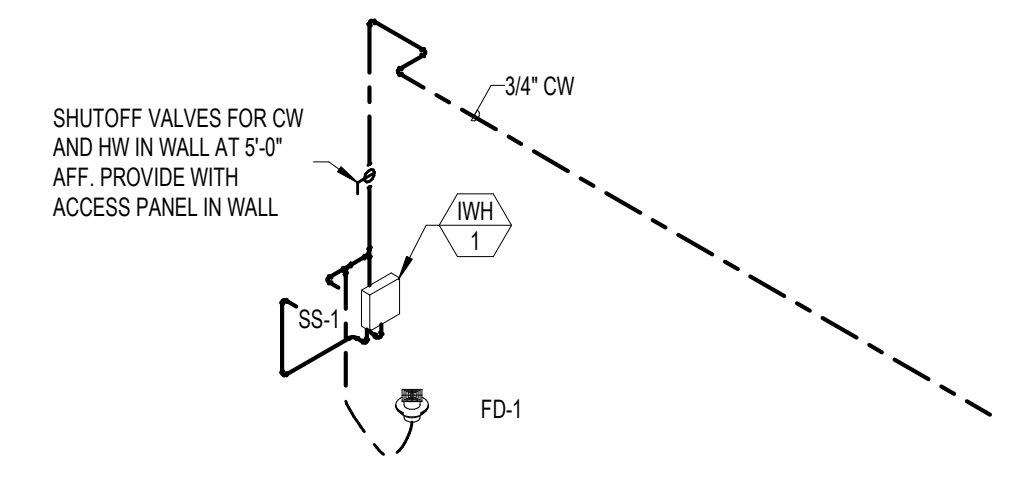
REV	DATE	DESCRIPTION
1	11/08/2021	BID SET
2	1/14/2022	ISSUED FOR CONSTRUCTION
5	3/01/2022	BULLETIN 5

SHEET TITLE: RISER DIAGRAMS - PLUMBING

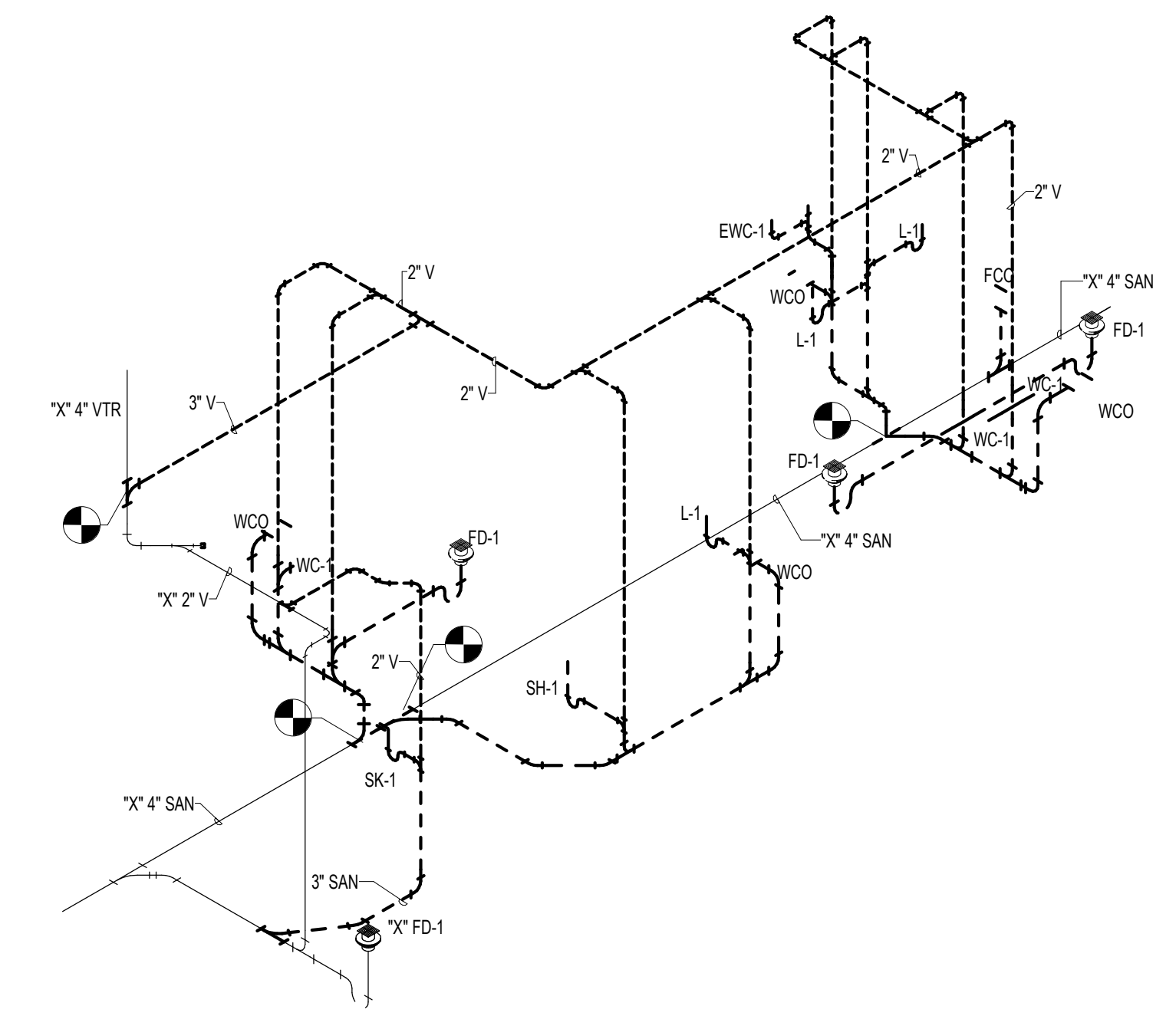
SHEET NUMBER: P-102



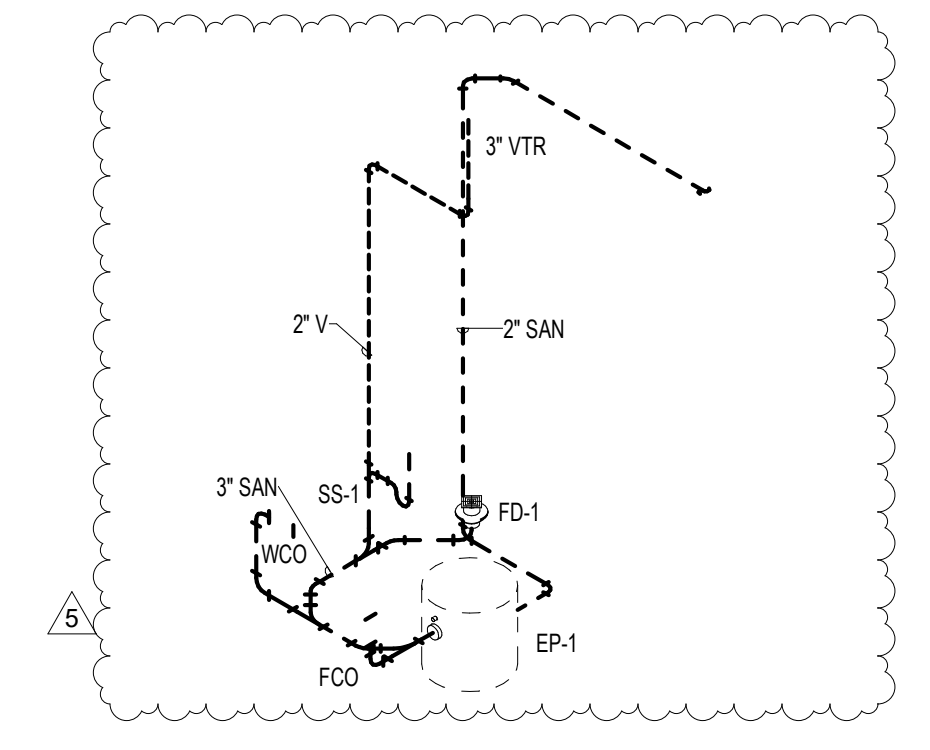
1 DOMESTIC WATER RISER DIAGRAM



2 PLUMBING RISER - BIKE ASSEMBLY - DOMESTIC WATER SUPPLY



3 SANITARY & VENT RISER DIAGRAM



4 PLUMBING RISER - BIKE ASSEMBLY - SANITARY AND VENT

