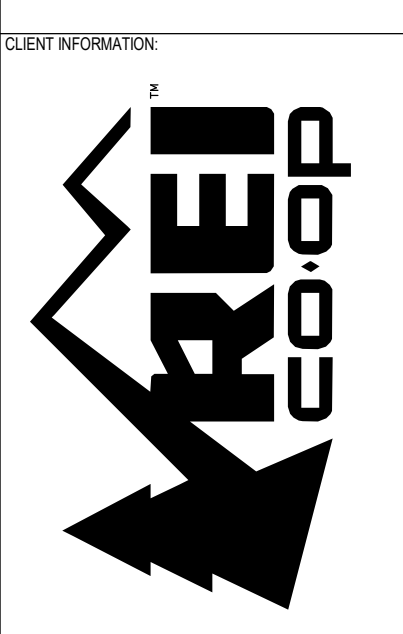


- ALL ANGLED WALLS ARE @ 45°, 90°, OR 135° UON.
- CONTRACTOR TO PROVIDE CLEAT AT ALL WALLS WHERE RACKING OCCURS. SEE 2A.302. MAINTAIN 38" CLEAR ROUTE AT ALL RACKING LOCATIONS.
- AFTER PLUMBING LEAVEOUTS ARE CONFIRMED, INFILL EXISTING SLAB LEAVEOUTS TO MATCH EXISTING ADJACENT.
- SECURE ALL EQUIPMENT TO 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" AFF WHICH FALLS BELOW THE HIGH PILE FOR OWNER'S INSURANCE.
- PROVIDE BLOCKING AND RACKING 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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CallisonRTKL, Inc.
1450 9th Ave
Seattle, WA 98101
006-132964.81

CONSULTANT INFORMATION

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

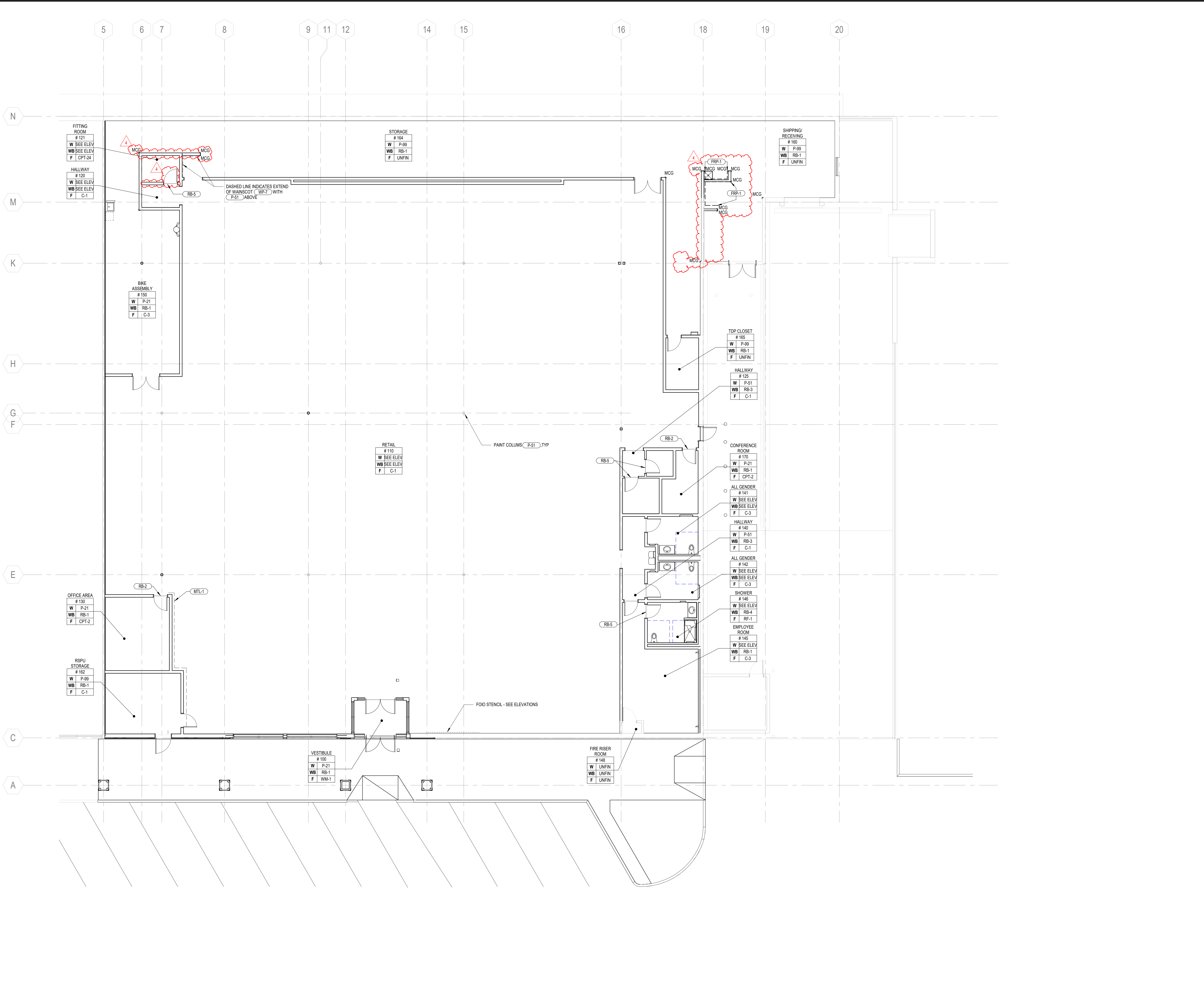
SHEET LEGEND

	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
3	01/14/22	CONSTRUCTION SET
4	02/11/22	BULLETIN 4

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



SHEET NOTES

- PROVIDE DOOR THRESHOLDS AND FLOORING TRANSITIONS SUCH THAT THE DIFFERENCE BETWEEN FINISH ON ONE SIDE IS 1/4" MAXIMUM FROM FINISH ON THE OTHER SIDE. 1/2" MAXIMUM ALLOWED USING A BEVEL WITH A 1:2 SLOPE FOR THE TOP 1/4". USE MAXIMUM CARPET CRUSH DEPTH FOR DETERMINING THIS VALUE WHERE CARPET IS USED. SEE [S-1001](#).
- SEE SHEET [A-110](#) FOR THE FINISH SCHEDULE.
- SEE SHEET [A-114](#) FOR CEILING FINISHES.

CLIENT STORE NUMBER
#235

CLIENT INFORMATION
REI co.op

PROJECT INFORMATION
CALLISONRTKL

CONSULTANT INFORMATION
CallisonRTKL Inc.
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PROJECT INFORMATION
REI-GLENWOOD SPRINGS

CONSULTANT INFORMATION
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GLENWOOD SPRINGS,
CO. 81601

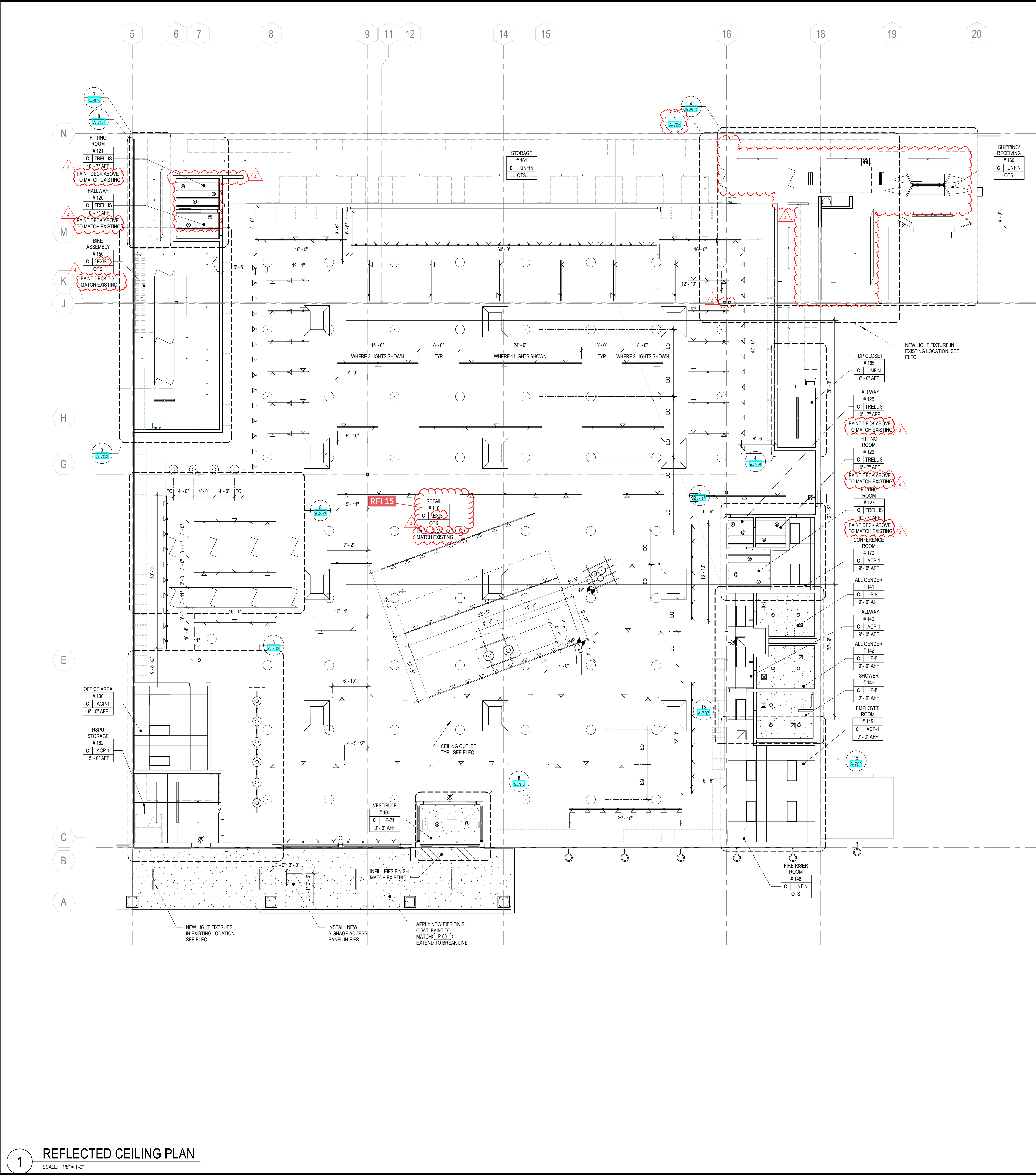
SIGNATURE SEAL

SHEET LEGEND

	METAL CORNER GUARD (MCG)
	INDICATES LOCATION OF FOIO STENCIL WHERE WALL TO RECEIVE PRIMER UNDER FINISH. SEE ELEVATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION - PREPARE FULL HEIGHT AND WIDTH OF IDENTIFIED PARTITION OR AS SHOWN IN ELEVATION

ISSUING REVISION LOG

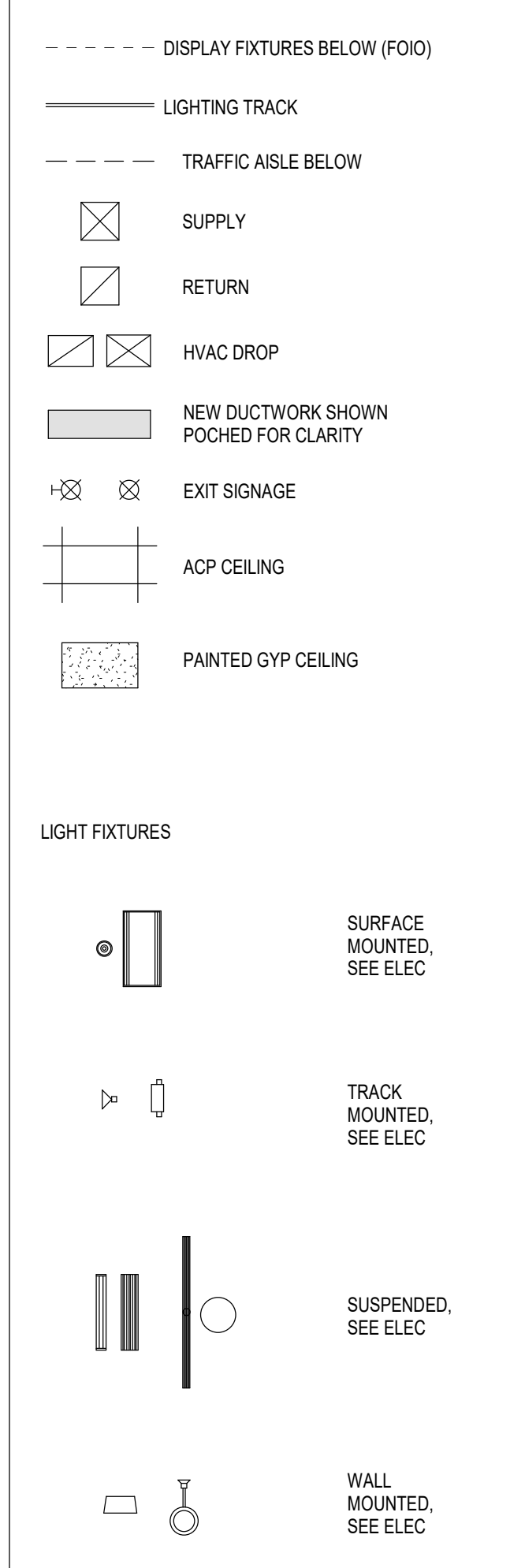
REV	DATE	DESCRIPTION
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2	12/20/21	BULLETIN 2
3	01/14/22	BULLETIN 3
4	02/11/22	BULLETIN 4



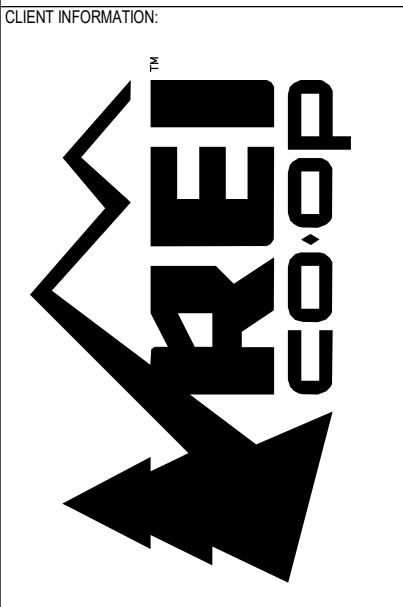
SHEET NOTES

1. CENTER ALL CEILING GRIDS AND LIGHTS WITHIN ROOMS (TYP.) UN.
2. ALL HVAC EQUIPMENT SHOWN FOR COORDINATION PURPOSES ONLY - SEE MEP DRAWINGS FOR EQUIPMENT SPECIFICATIONS.
3. REFER TO ELEC DRAWINGS FOR ALL MOUNTING HEIGHTS OF LIGHT FIXTURES.
4. SEE A.107 FOR LIGHT FIXTURE SUPPORT DETAILS AT CEILING GRID.
5. LOCATE DUCTWORK AS HIGH AS POSSIBLE (SEE MECH). BOTTOM OF DUCTWORK SHOULD ALWAYS BE HIGHER THAN BOTTOM OF LIGHTS. VERIFY WITH ELEC. NOTIFY ARCHITECT IF OBSTRUCTIONS OCCUR.
6. IN ROOMS WITH ACP CEILING, PROVIDE CAULK BETWEEN PERIMETER CEILING GRID AND WALL.
7. ONLY USE UNFINISHED GALVANIZED HVAC DUCT WORK. ONLY USE FACTORY FINISHED FIRE SUPPRESSION EQUIPMENT INSIDE THE SPACE.
8. ONLY USE PRE-GALVANIZED UNISTRUT FINISH (PG) FOR HANGING TRACK, TYP.
9. LOCATE AND CONFIRM DIMENSIONS AT BIKE AND BOAT LIFTS WITH REI PRIOR TO SHIPMENT OF ITEMS.

SHEET LEGEND



CLIENT WORK NUMBER
#235



PROJECT INFORMATION
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DATE: 02/11/22

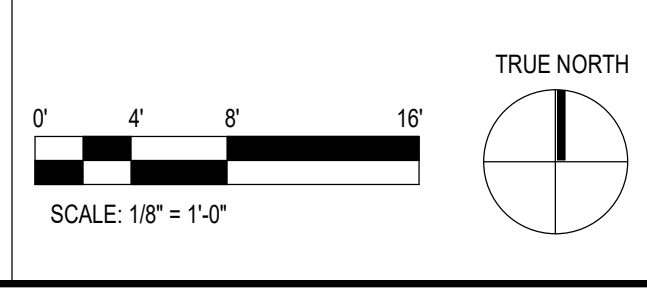
REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	12/20/21	BULLETN 2
3	01/14/22	BULLETN 3
4	02/11/22	CONSTRUCTION SET
5	02/11/22	BULLETN 4

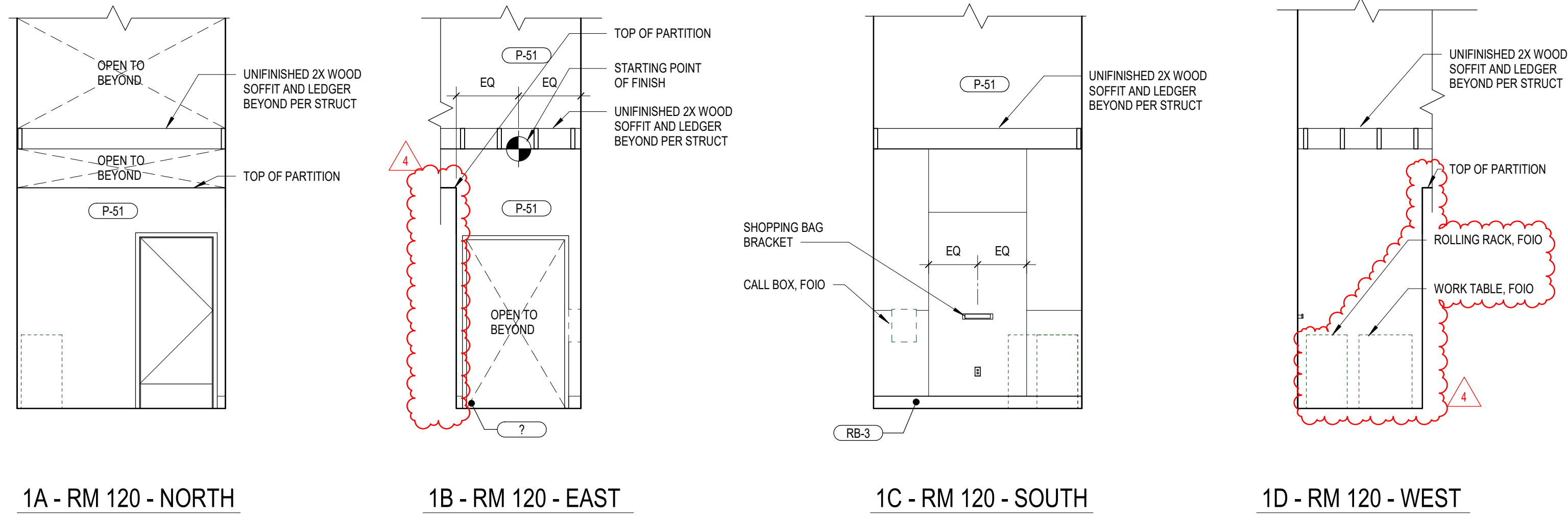
DRIPPING RESOURCE LOG

SHEET TITLE
REFLECTED CEILING PLAN

SHEET NUMBER
A-141

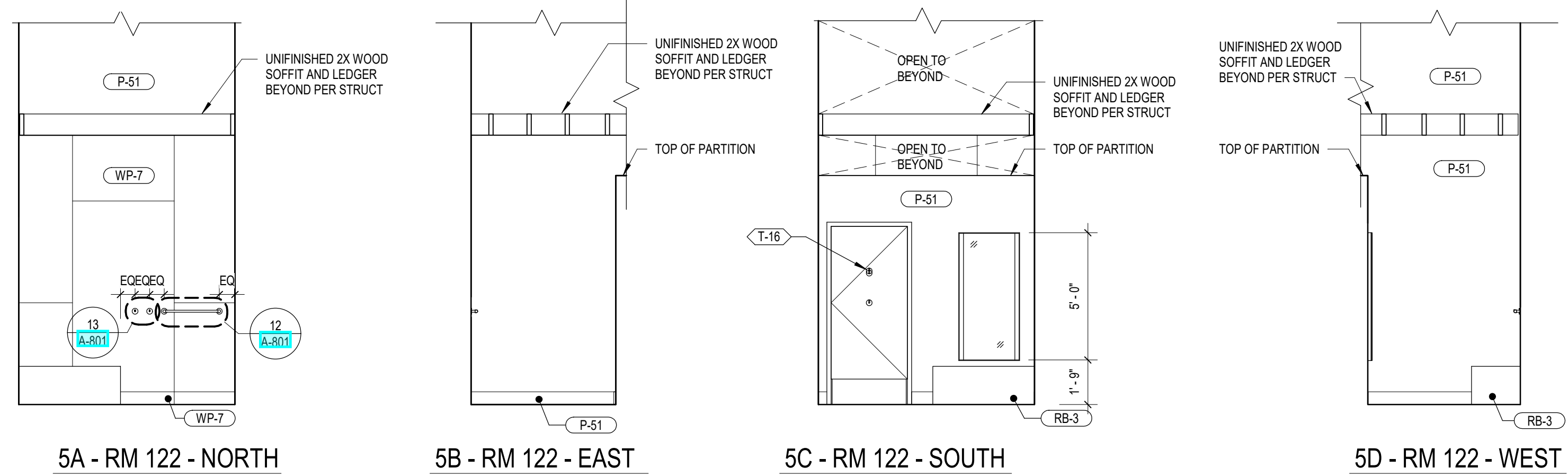
1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"





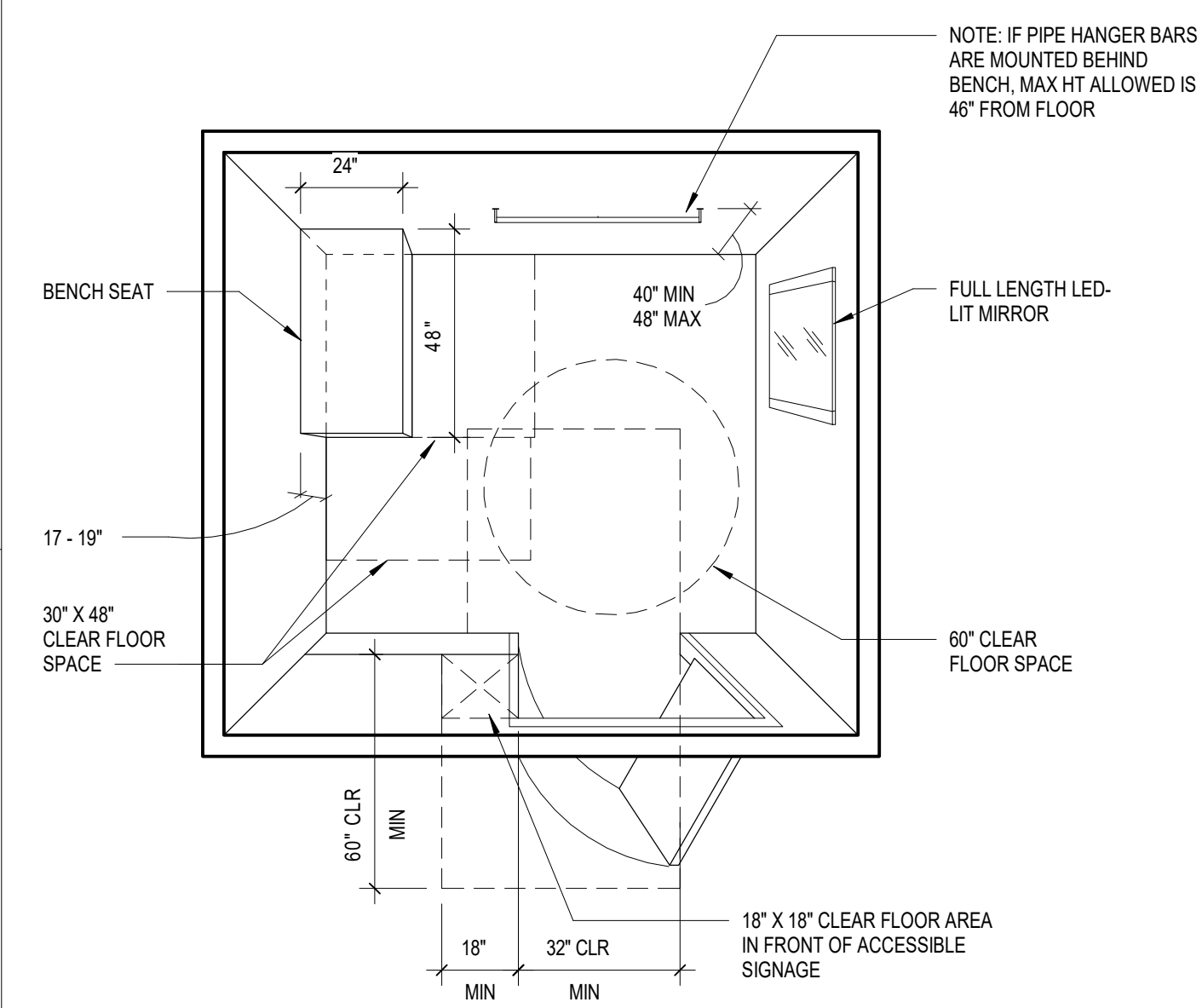
HALLWAY 120 - ELEVATIONS

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



FITTING ROOM 122 - ELEVATIONS

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

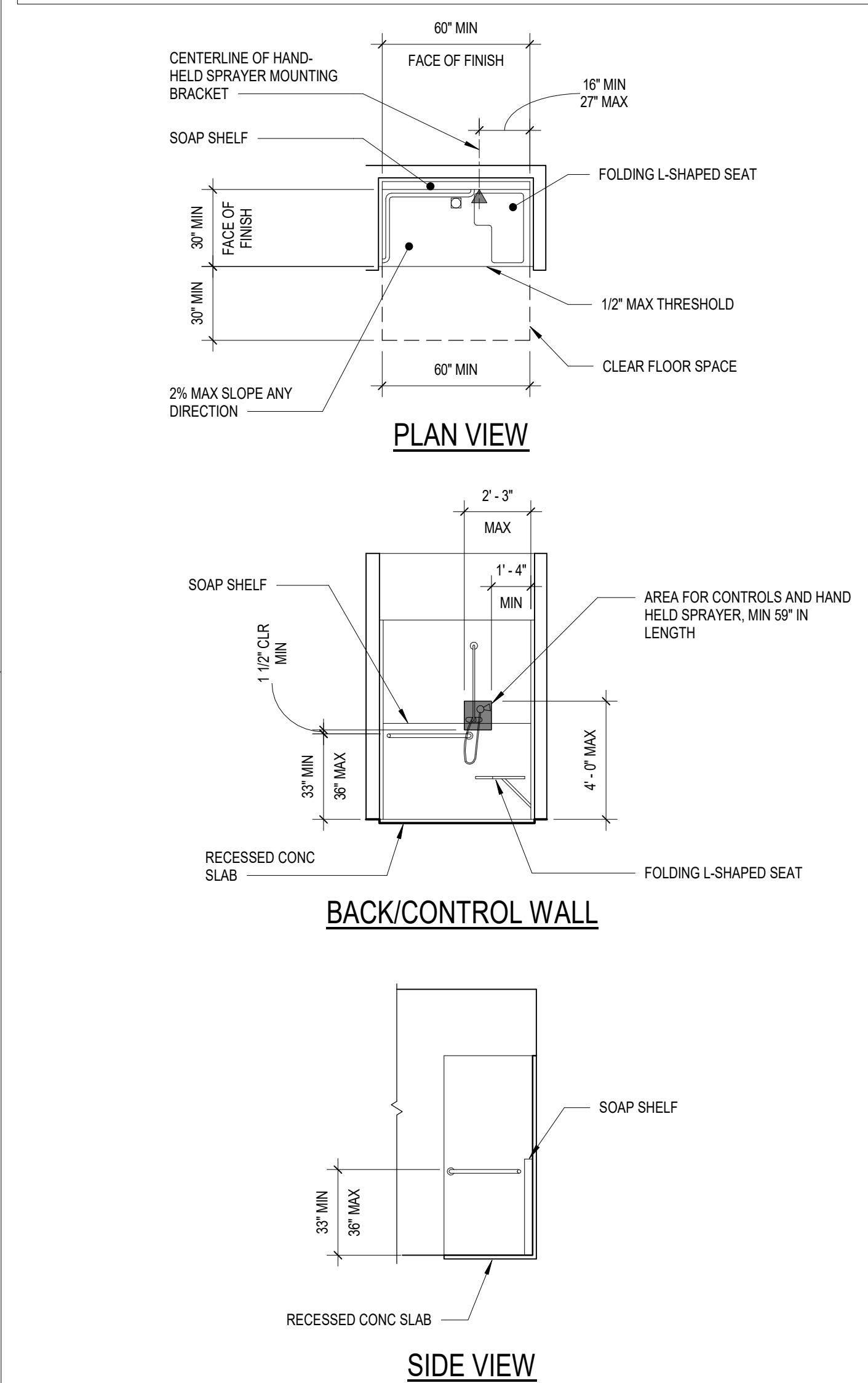


- ### NOTE: ACCESSIBLE FITTING STALL
- A 60" DIA CLEAR FLOOR SPACE ALLOWING A PERSON IN A WHEELCHAIR TO MAKE A 180 DEGREE TURN IS PROVIDED IN THE FITTING STALL.
 - DOOR(S) DO NOT SWING INTO 60" DIA CLEAR FLOOR SPACE.
 - A 30" X 48" CLEAR FLOOR SPACE IS PROVIDED AT THE SHORT END OF THE BENCH ALLOWING A PERSON USING A WHEELCHAIR TO MAKE A PARALLEL TRANSFER ONTO THE BENCH.
 - A 30" X 48" CLEAR FLOOR SPACE IS PROVIDED ALONGSIDE THE BENCH THAT ALLOWS A PERSON USING A WHEELCHAIR TO MAKE A PARALLEL TRANSFER ONTO THE BENCH.
 - THE MINIMUM STRUCTURAL STRENGTH OF THE BENCH WILL SUPPORT A 250 LB POINT LOAD.
 - ADA SIGNAGE IS REQUIRED AT ALL ACCESSIBLE FITTING STALLS.

ACCESSIBLE FITTING STALLS

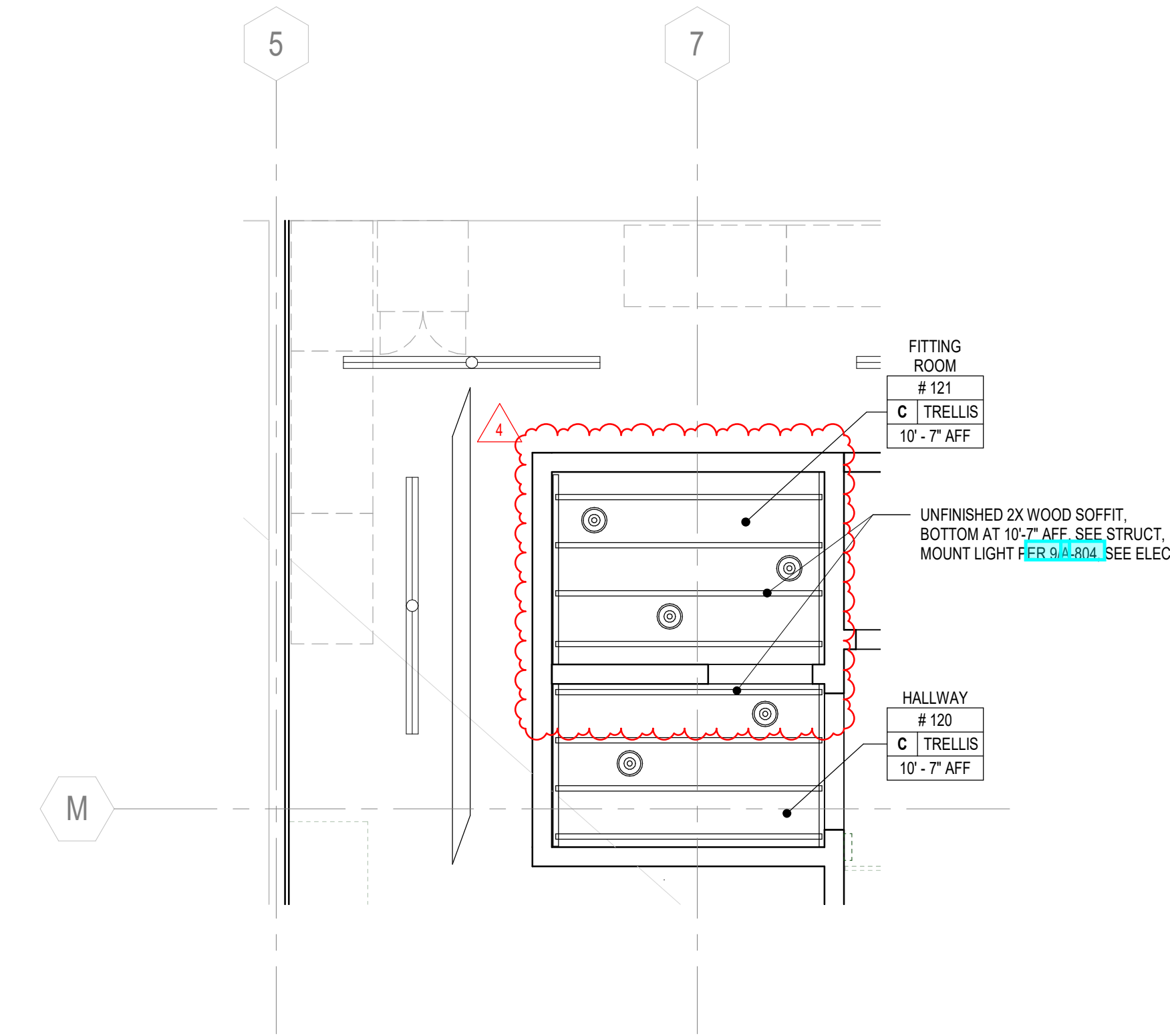
SCALE: 1 1/2" = 1'-0"

- ### NOTES:
- WATER CONTROLS SHALL BE OF A SINGLE LEVER DESIGN, OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF.
 - L-SHAPED SEAT: REAR EDGE SHALL BE 2 1/2" MAX FROM WALL & FRONT EDGE 15'-16" FROM THE SEAT WALL. THE SIDE EDGE SHALL BE 1 1/2" MAX FROM WALL & FRONT EDGE SHALL BE 14'-15" FROM WALL. THE END OF THE "L" SHALL BE 22" MIN TO 23" MAX FROM MAIN SEAT WALL.



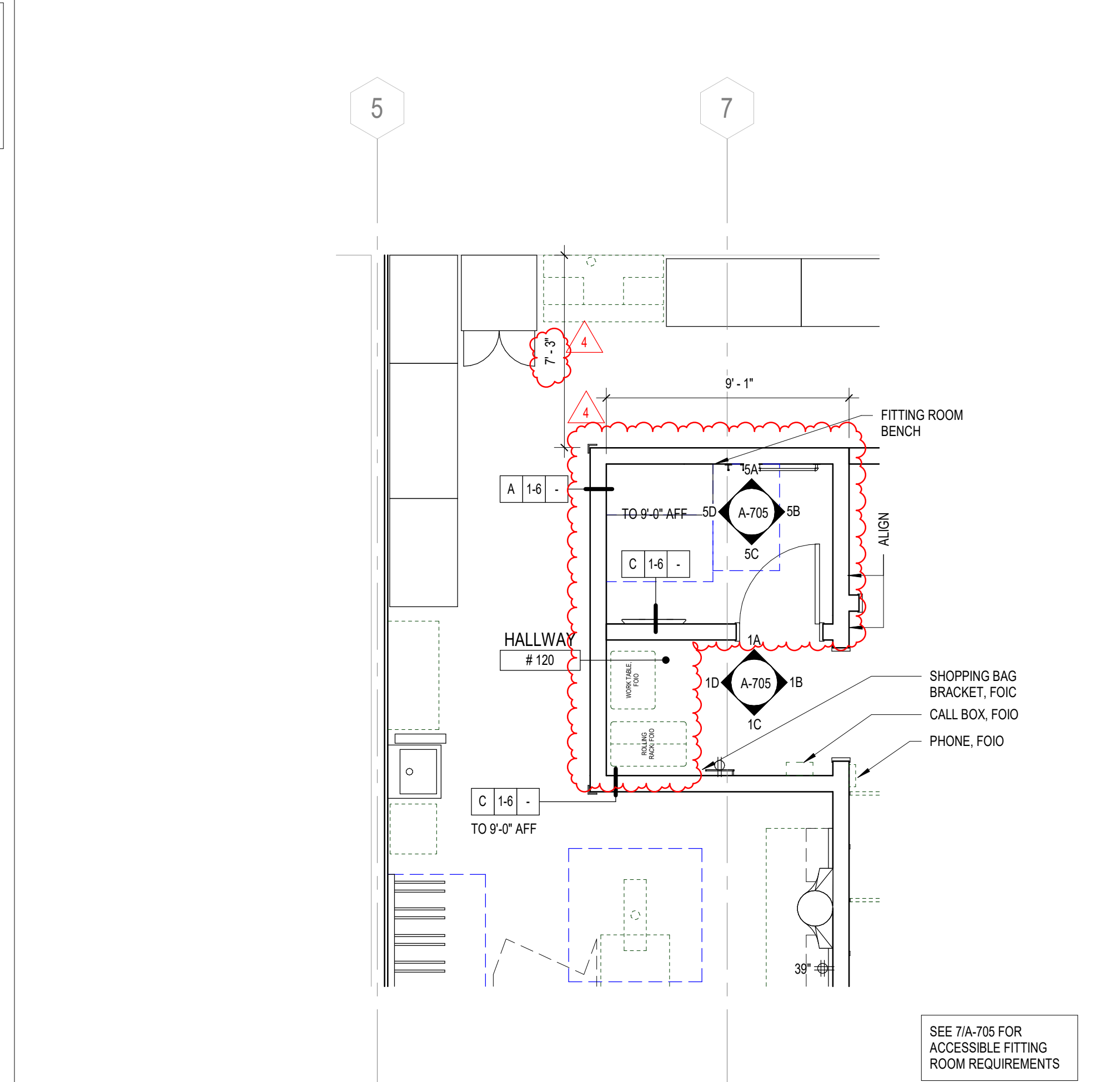
ACCESSIBLE SHOWER

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



ENLARGED STORAGE AND FITTING ROOM RCP

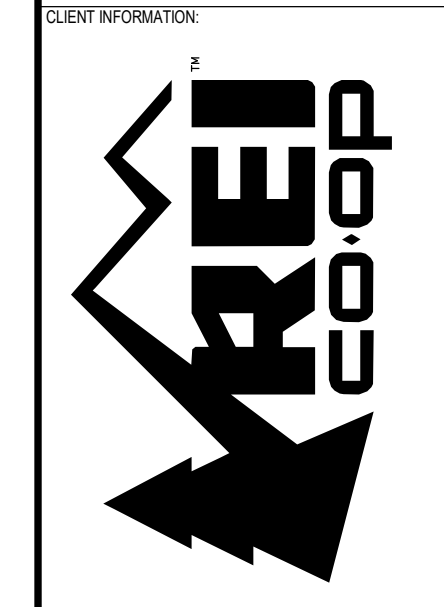
SCALE: 1/4" = 1'-0"



ENLARGED STORAGE AND FITTING ROOM PLAN

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

#235

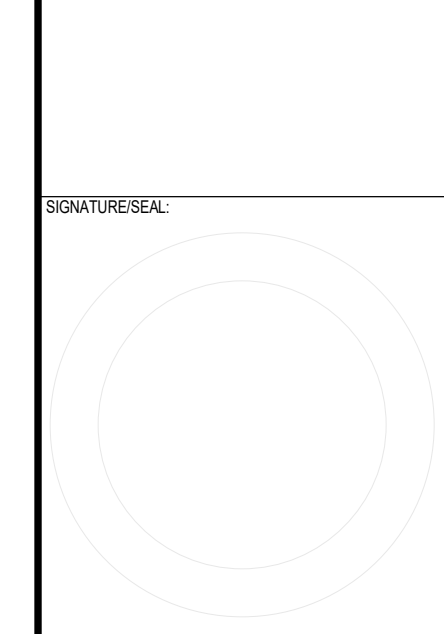


CLIENT INFORMATION:
PROJECT INFORMATION:
CONSULTANT INFORMATION:
PROJECT INFORMATION:

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PROJECT INFORMATION:
CONSULTANT INFORMATION:

REI-GLENWOOD SPRINGS
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GLENWOOD SPRINGS,
CO, 81601

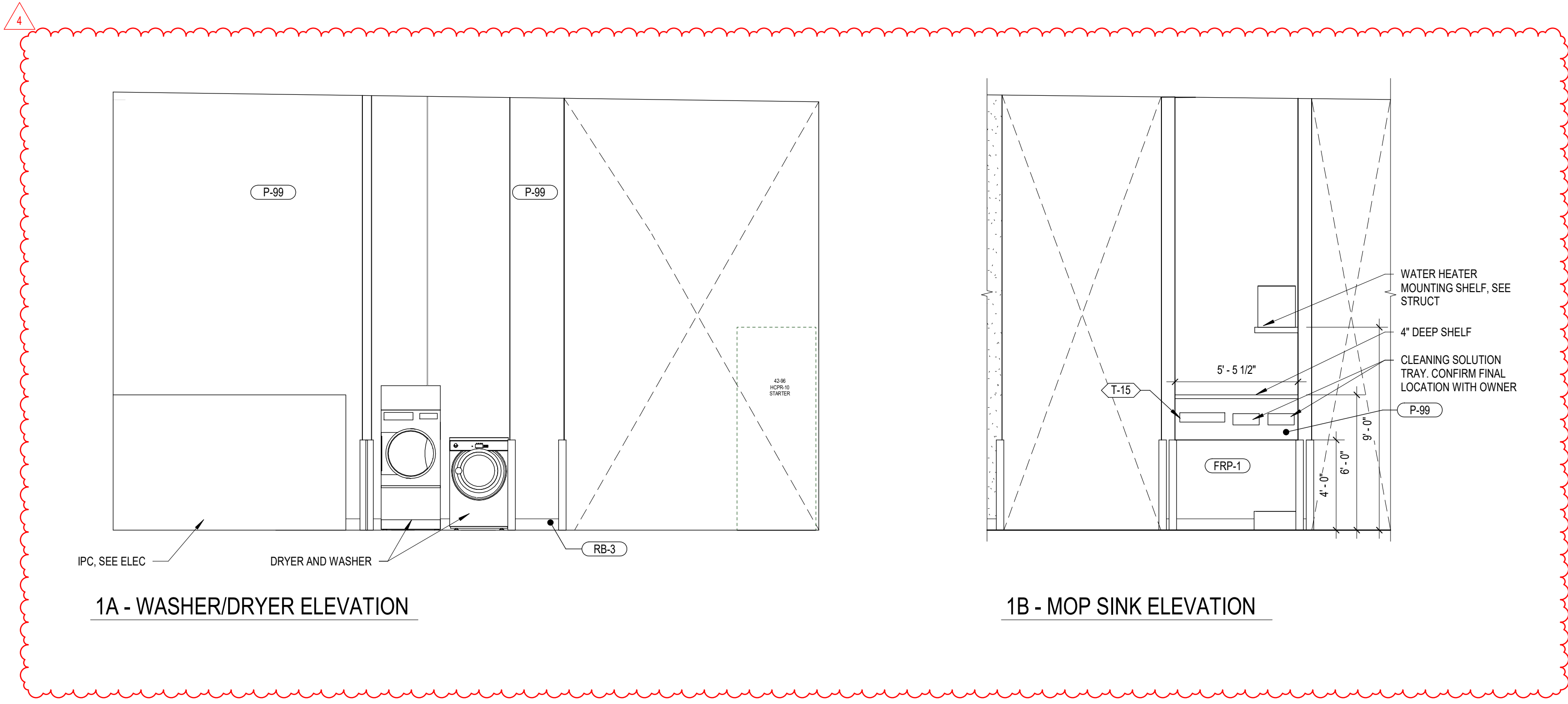


REVISION	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	12/20/21	BULLETN 2
3	01/14/22	CONSTRUCTION SET
4	02/11/22	BULLETN 4

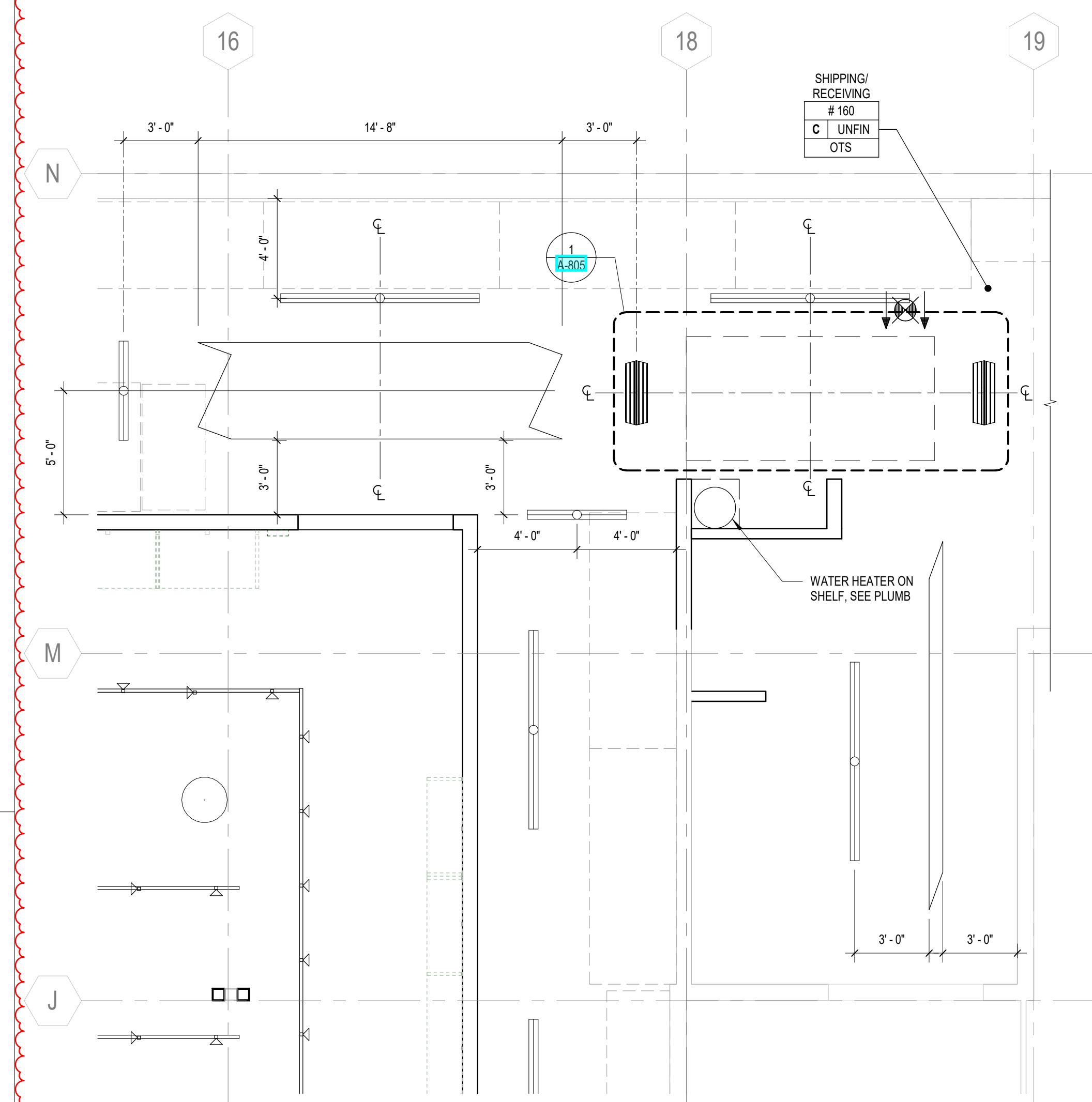
SEE 7/A-706 FOR ACCESSIBLE FITTING ROOM REQUIREMENTS

ENLARGED FITTING ROOM PLAN AND ELEVATIONS

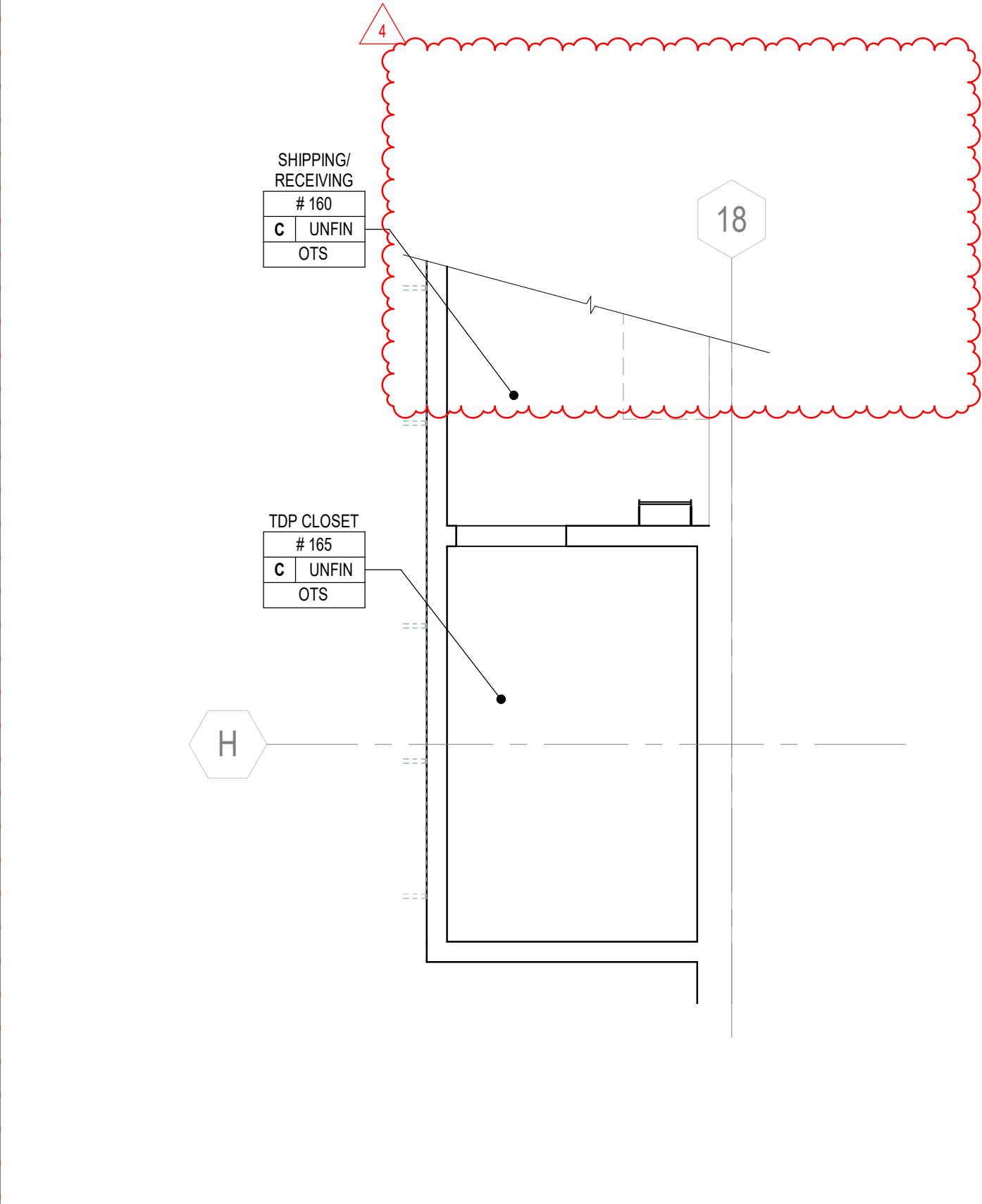
A-705



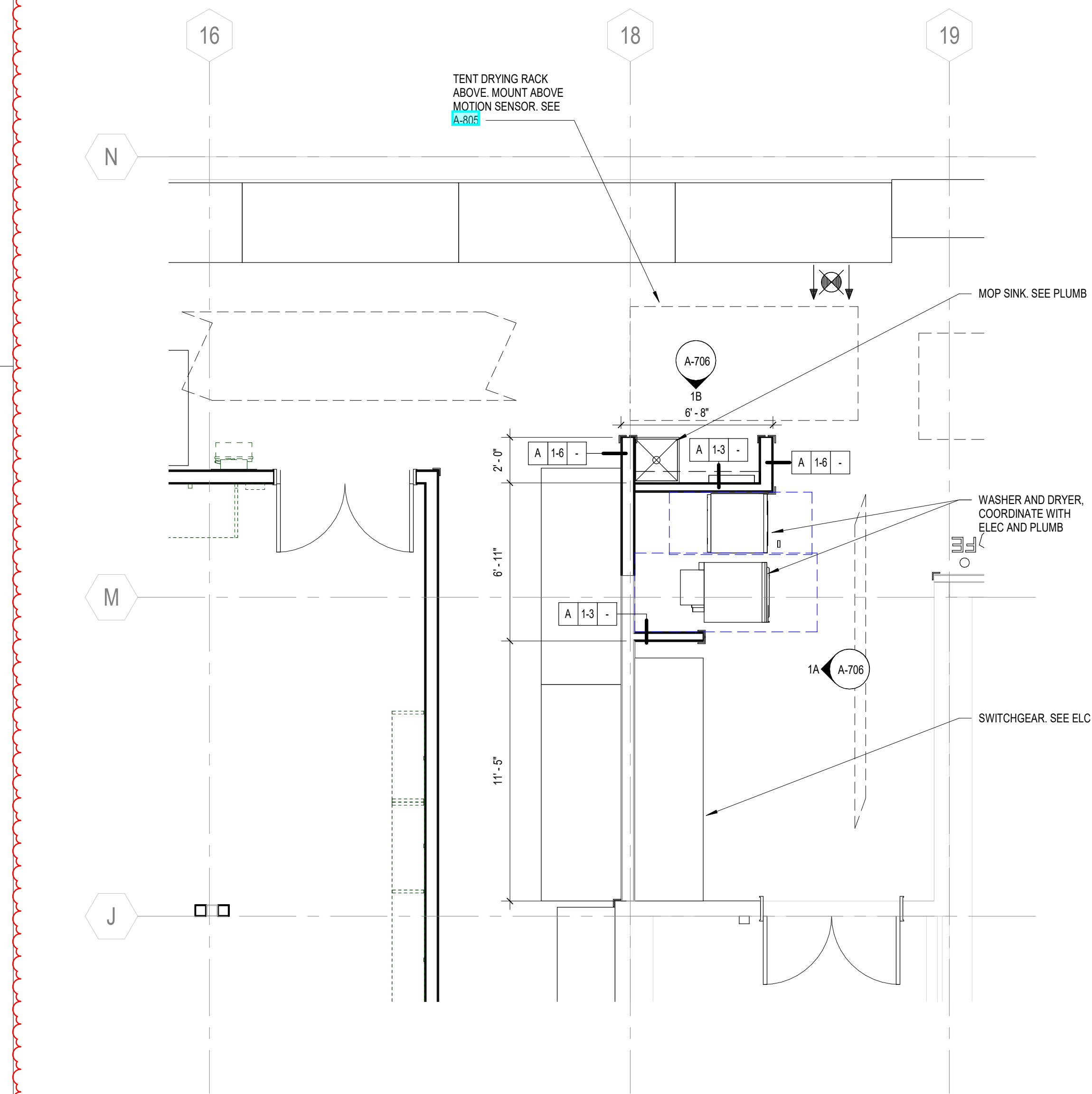
1 JANITOR AREA - ELEVATIONS
SCALE: 1/4" = 1'-0"



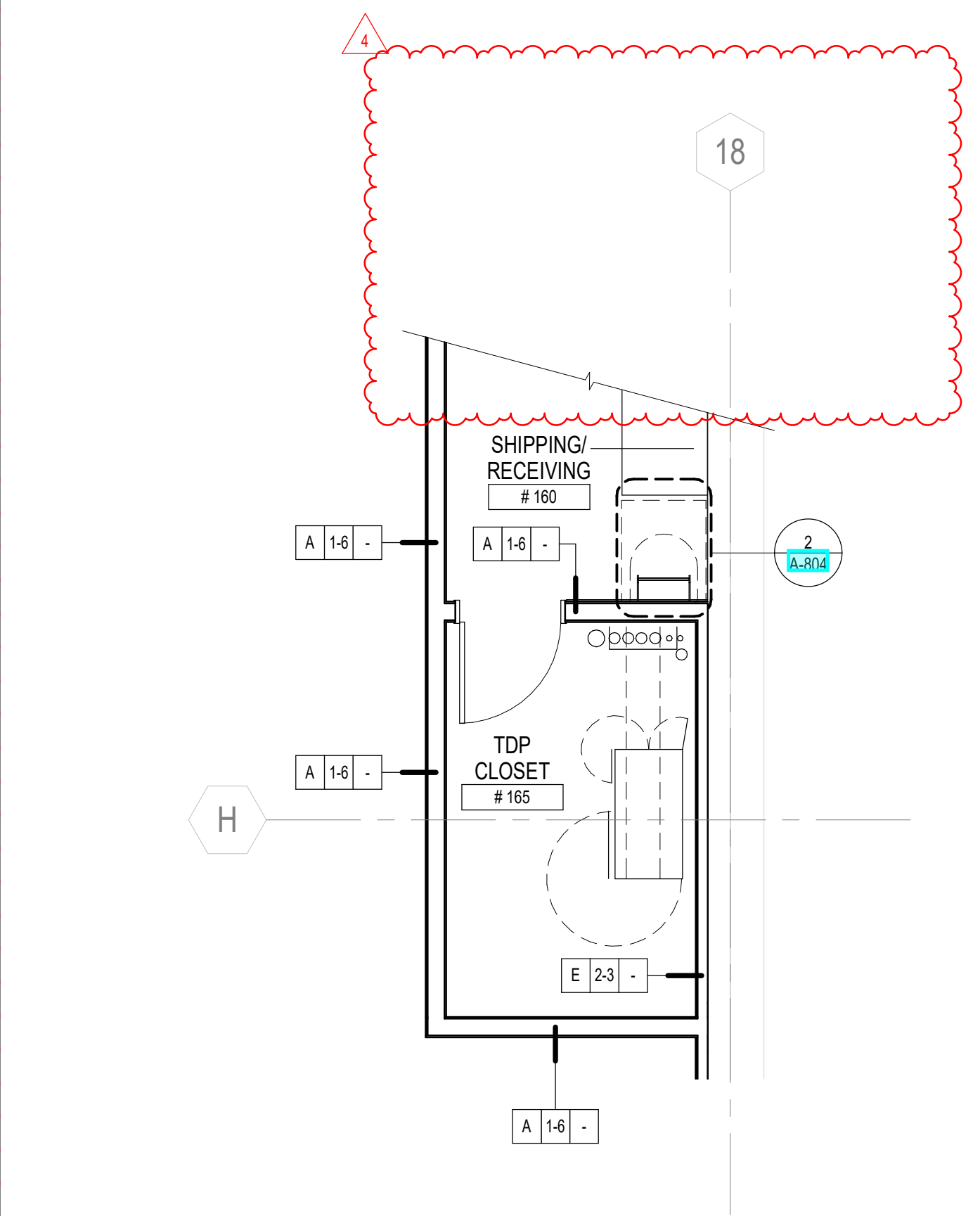
3 ENLARGED JANITOR AREA RCP
SCALE: 1/4" = 1'-0"



4 ENLARGED TDP ROOM RCP
SCALE: 1/4" = 1'-0"

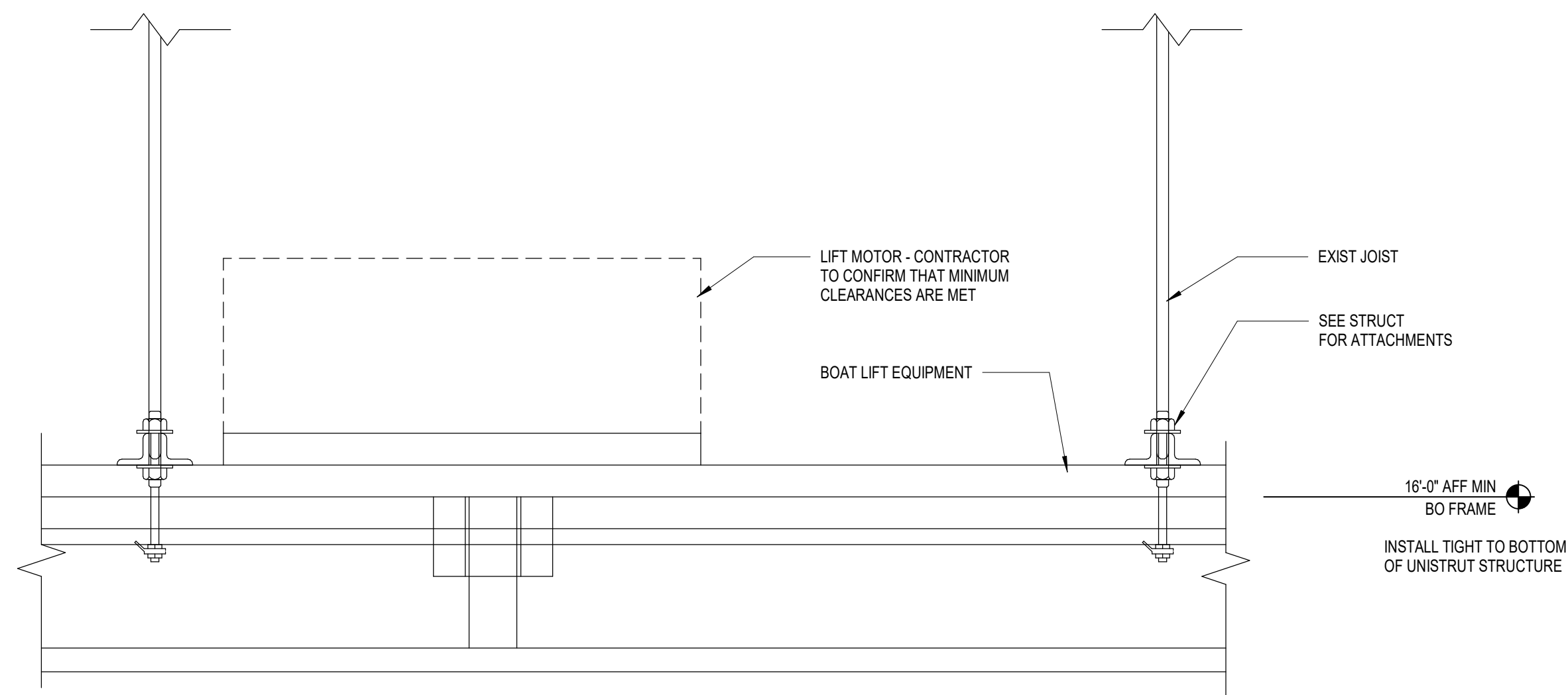


7 ENLARGED JANITOR AREA PLAN
SCALE: 1/4" = 1'-0"



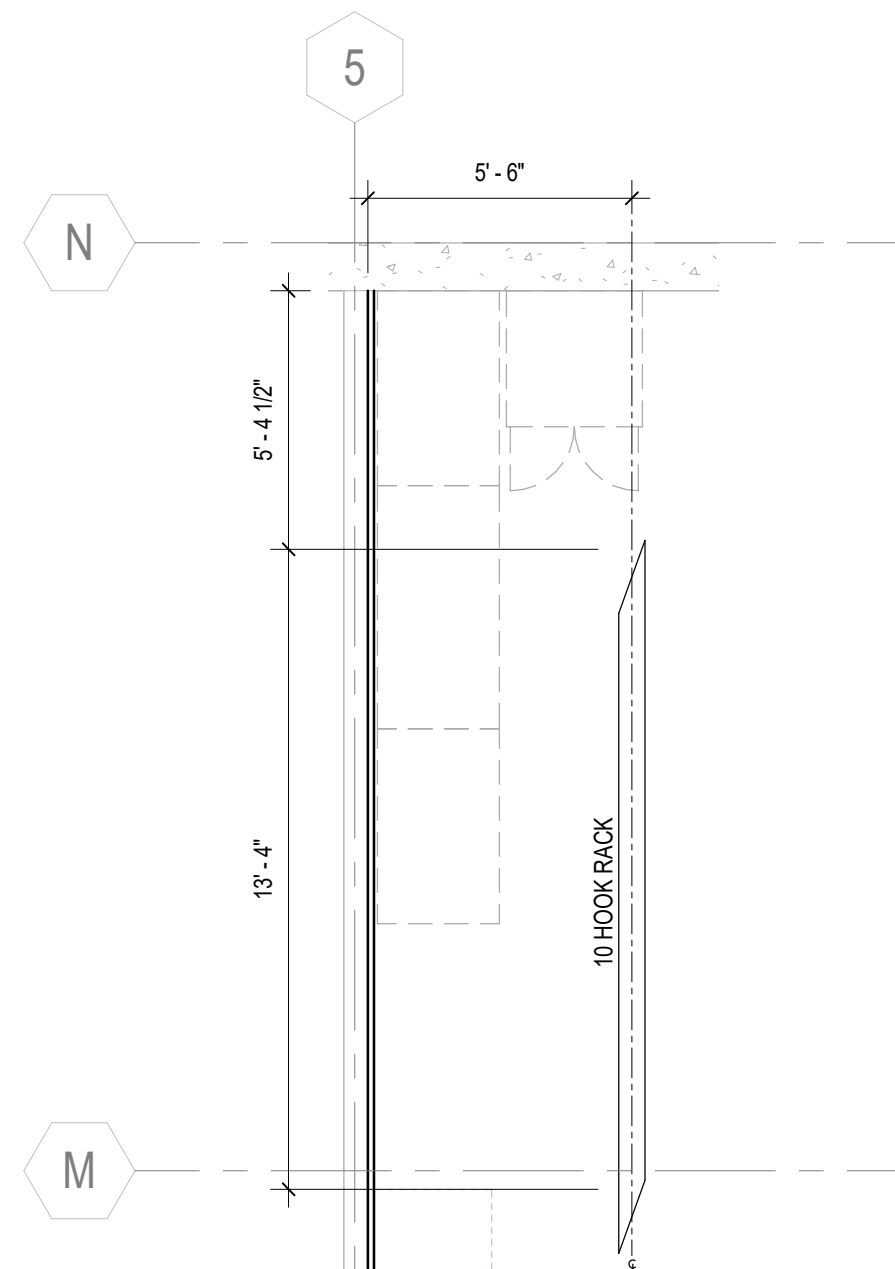
8 ENLARGED TDP ROOM PLAN
SCALE: 1/4" = 1'-0"

REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
1	12/02/21	BULLETN 1
0	01/14/22	CONSTRUCTION SET
4	02/11/22	BULLETN 4

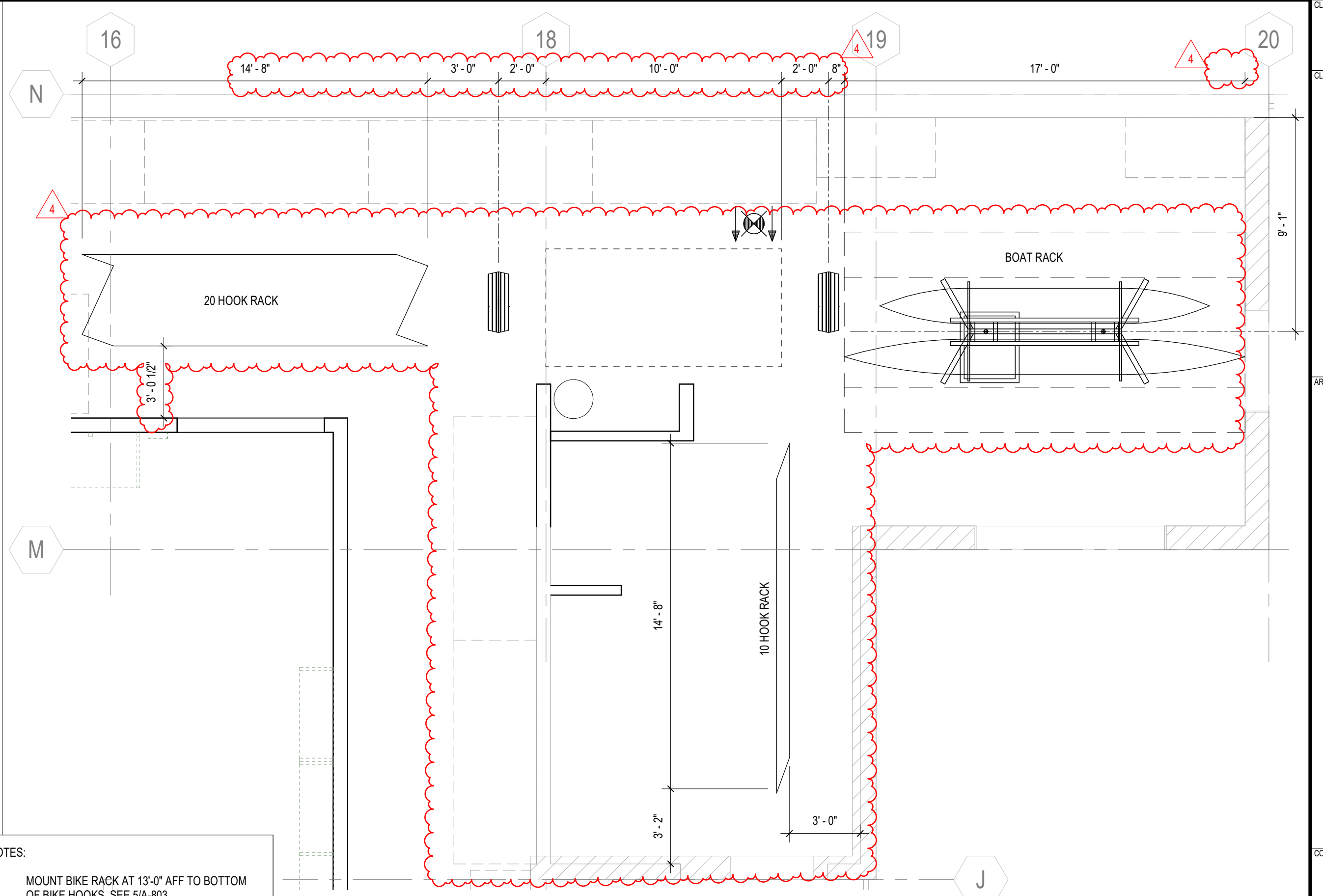


BOAT LIFT TYP:
SEE STRUCTURAL - CONTRACTOR TO VERIFY STRUCTURE HEIGHT AT BOAT LIFT LOCATIONS - COORDINATE WITH CONSTRUCTION MANAGER & BOAT LIFT VENDOR TO ENSURE PROPER CLEARANCES AT EACH BOAT LIFT LOCATION PRIOR TO SHIPMENT AND DELIVERY OF ITEMS

1 BOAT LIFT HANGING DETAIL
SCALE: 1 1/2" = 1'-0"

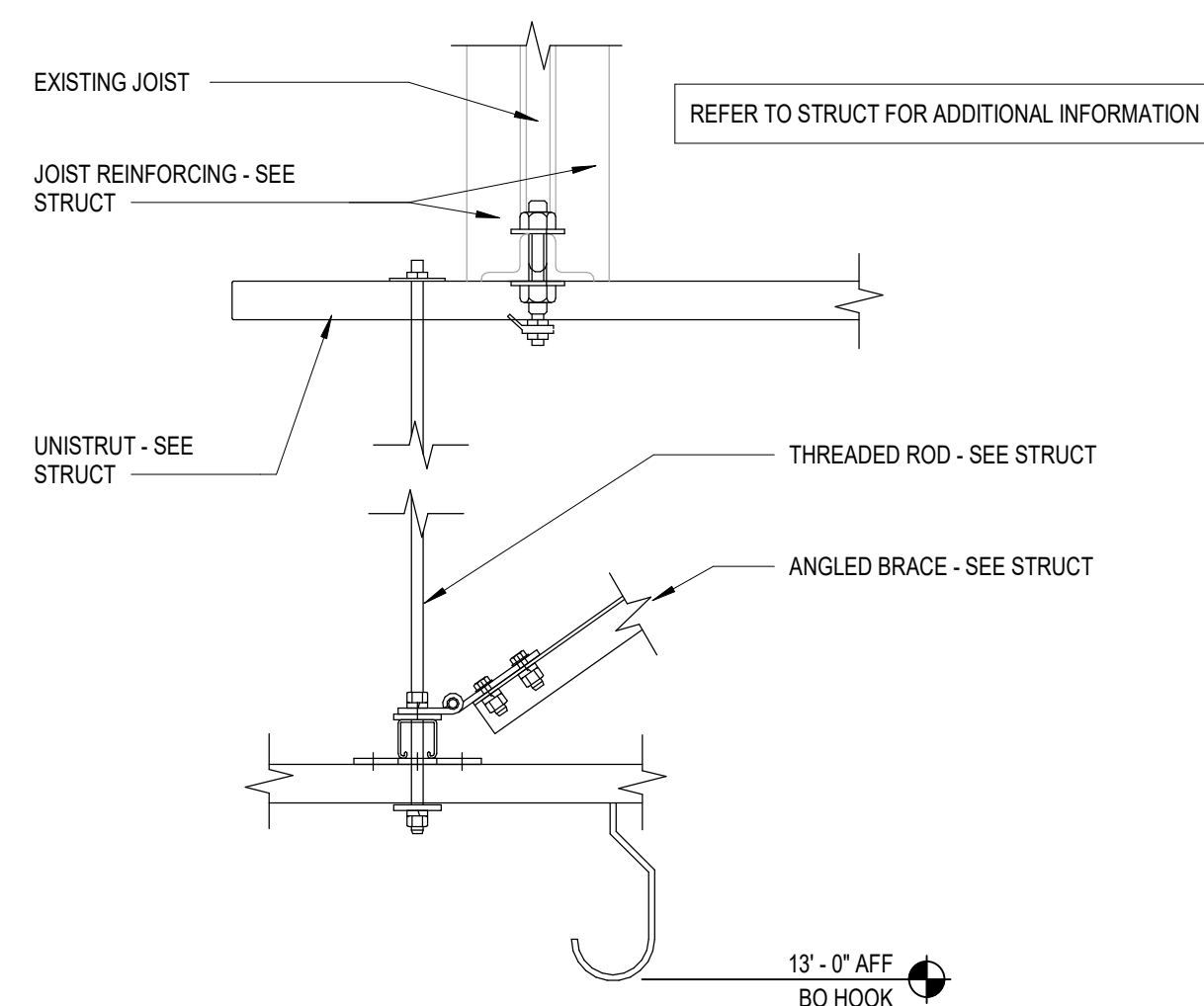


3 BIKE RACK ENLARGED PLAN - BIKE ASSEMBLY
SCALE: 1/4" = 1'-0"

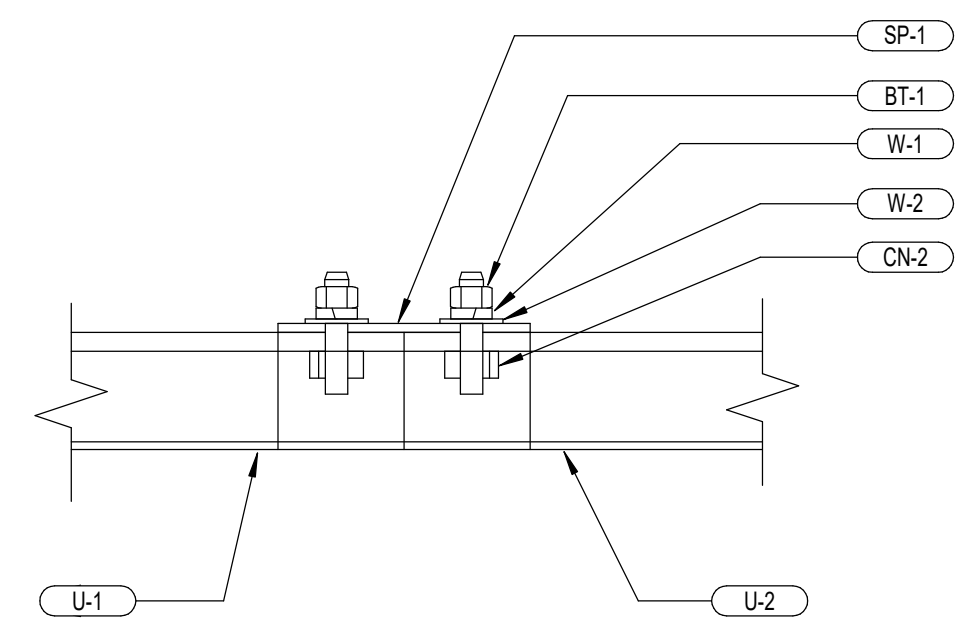


- NOTES:
1. MOUNT BIKE RACK AT 13'-0" AFF TO BOTTOM OF BIKE HOOKS, SEE 5/A-803
 2. SEE 11/A-803 FOR ADDITIONAL INFORMATION
 3. SEE STRUCT FOR ADDITIONAL INFORMATION

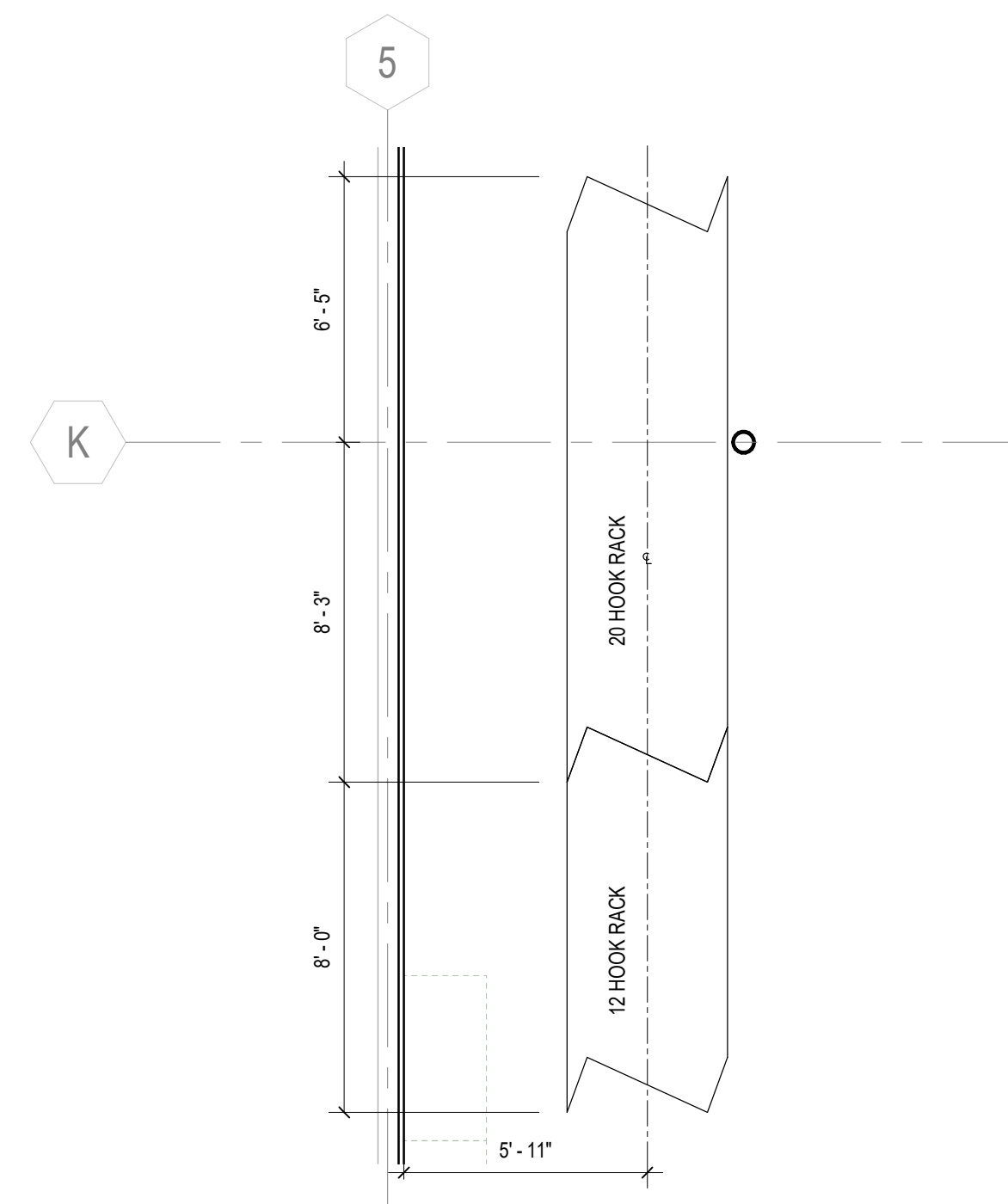
4 BIKE RACK ENLARGED PLAN - BOH
SCALE: 1/4" = 1'-0"



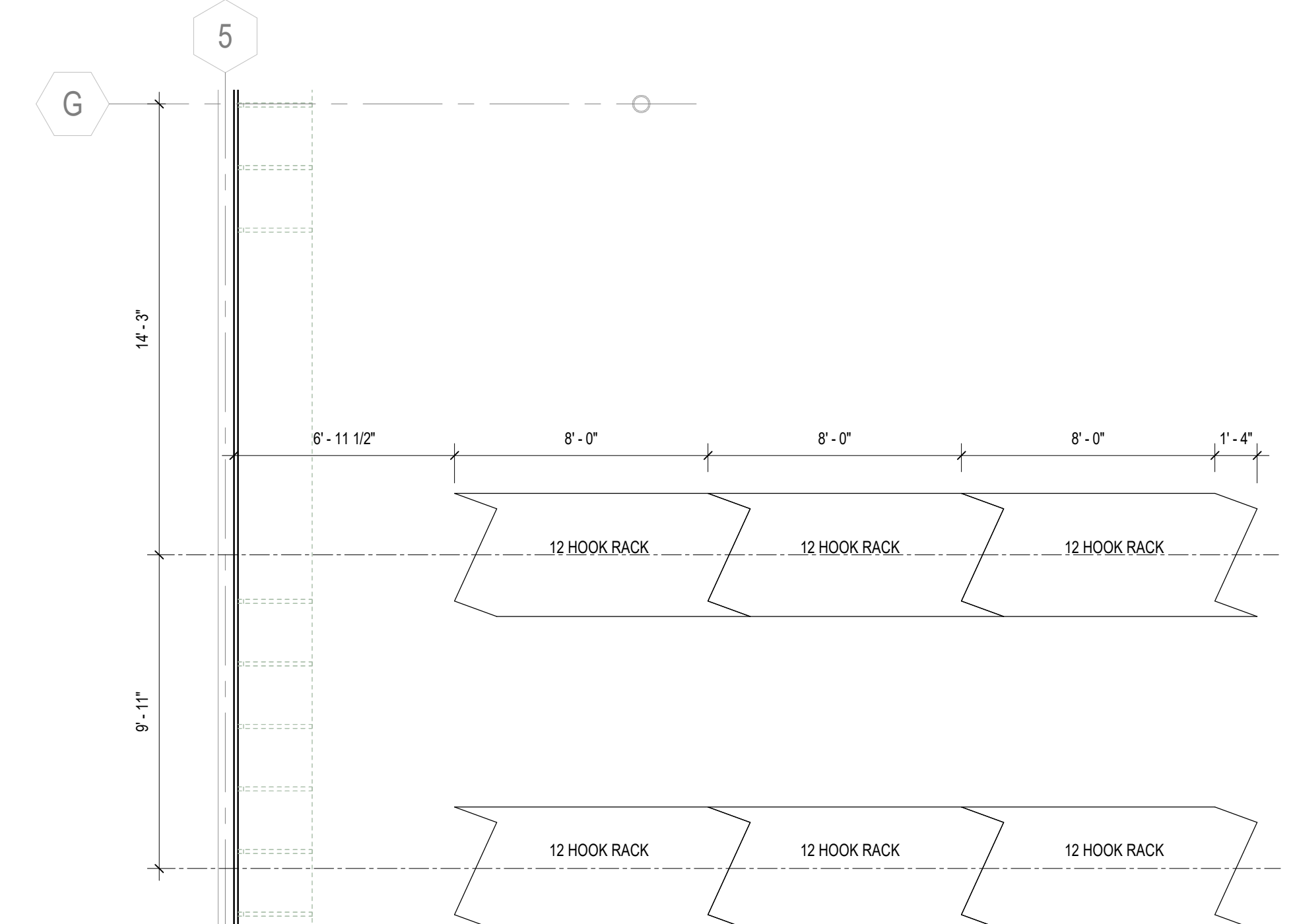
5 BIKE RACK HANGING DETAIL
SCALE: 1 1/2" = 1'-0"



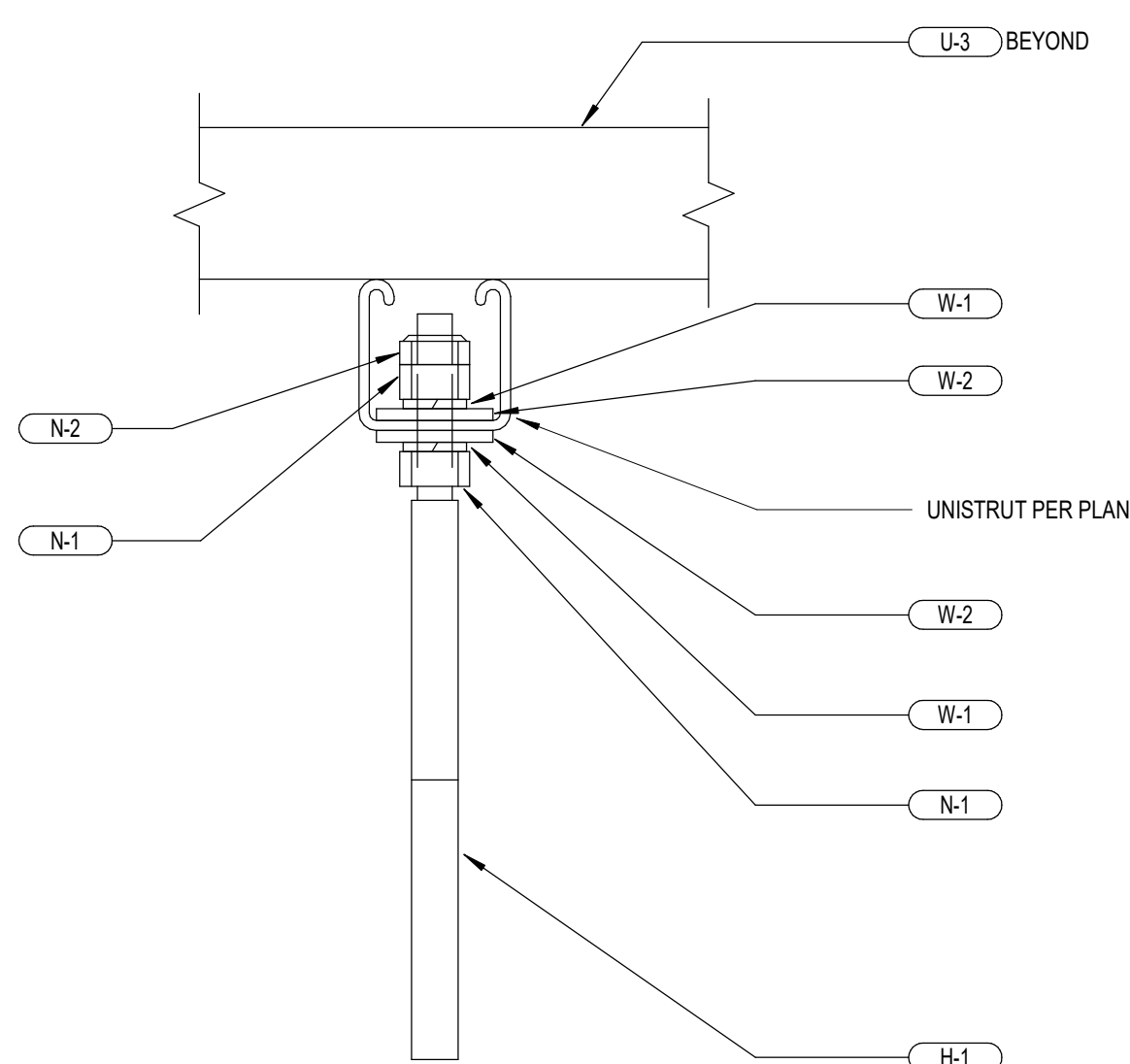
6 SPLICE DETAIL
SCALE: 3" = 1'-0"



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



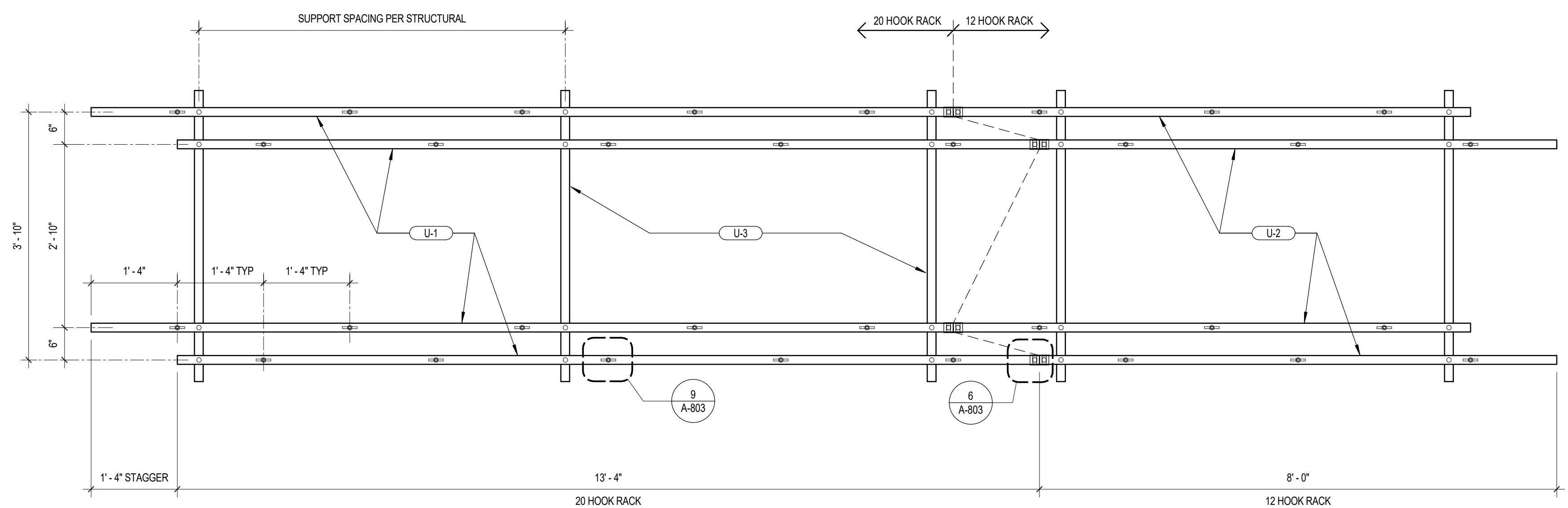
8 BIKE RACK ENLARGED PARTIAL PLAN - RETAIL
SCALE: 1/4" = 1'-0"



9 CONNECTION DETAIL AT HOOK
SCALE: 6" = 1'-0"

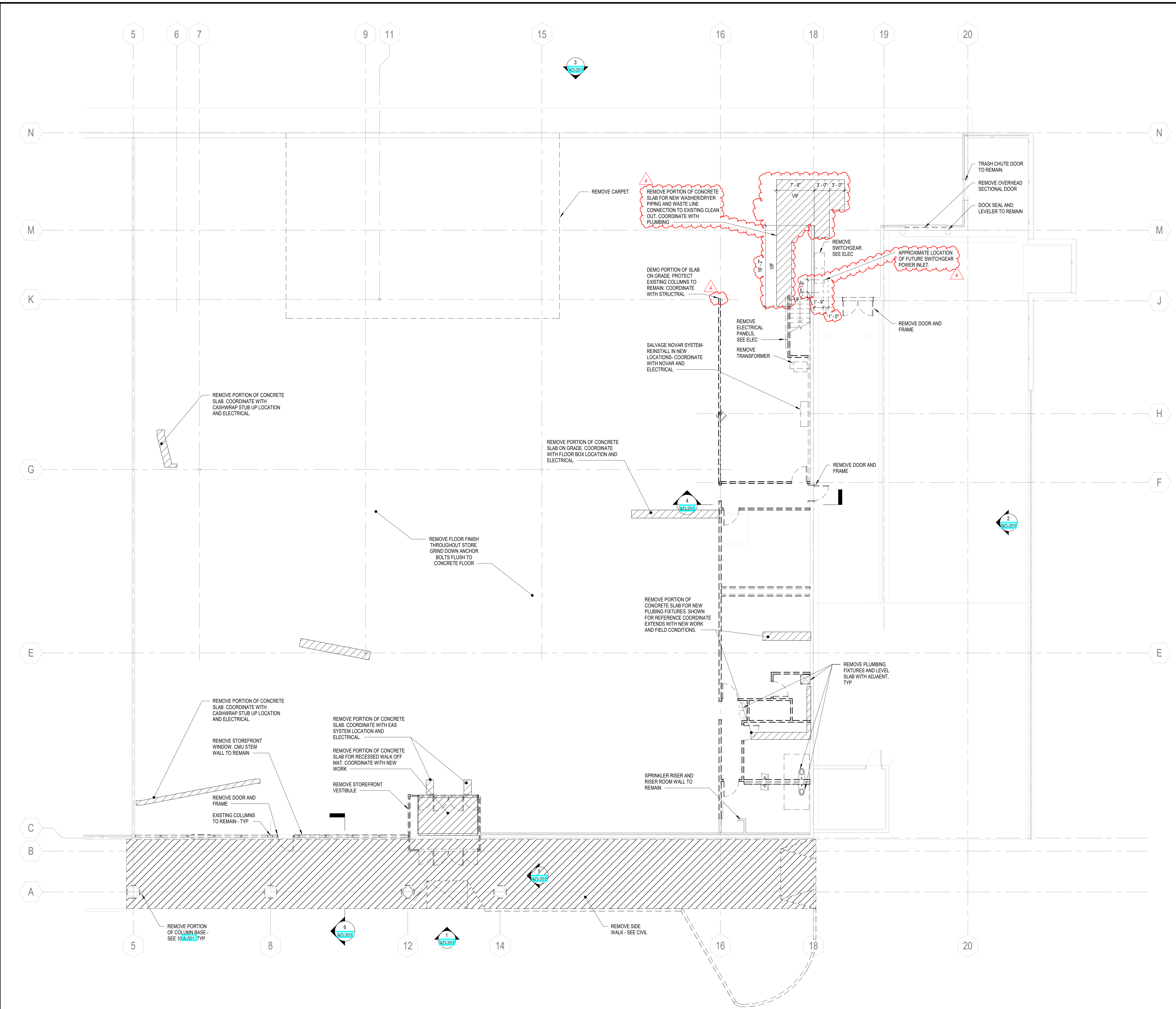
HANGING BIKE RACK PARTS LIST			
PART	DESCRIPTION	QTY PER 20 HOOK RACK	QTY PER 12 HOOK RACK
U-1	160" UNISTRUT PER STRUCTURAL	4	0
U-2	96" UNISTRUT PER STRUCTURAL	0	4
U-3	UNISTRUT SUPPORT MEMBER PER STRUCTURAL	3	2
SP-1	TWO-HOLE SPLICE CLEVIS - ANVIL AS 631	4	4
CN-1	CHANNEL NUT - ANVIL AS NS CLAMPING NUT WITHOUT SPRING FOR 1-5/8" CHANNEL	4	4
BT-1	BOLT 3/8" X 1-1/4" A307 TACOMA SCREW #002-006-1	24	16
W-1	WASHER LOCK 3/8" ZINC	24	16
W-2	WASHER FENDER 5/16" X 1-1/4" ZINC	24	16
H-1	BIKE HOOK - PARK TOOL # 470 NUTS (SEE N-1)	20	12
N-1	NUT PROVIDED WITH H-1	40	24
N-2	NYLOCK	20	12
SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS			

10 HANGING BIKE RACK PARTS LIST
SCALE: 3/4" = 1'-0"

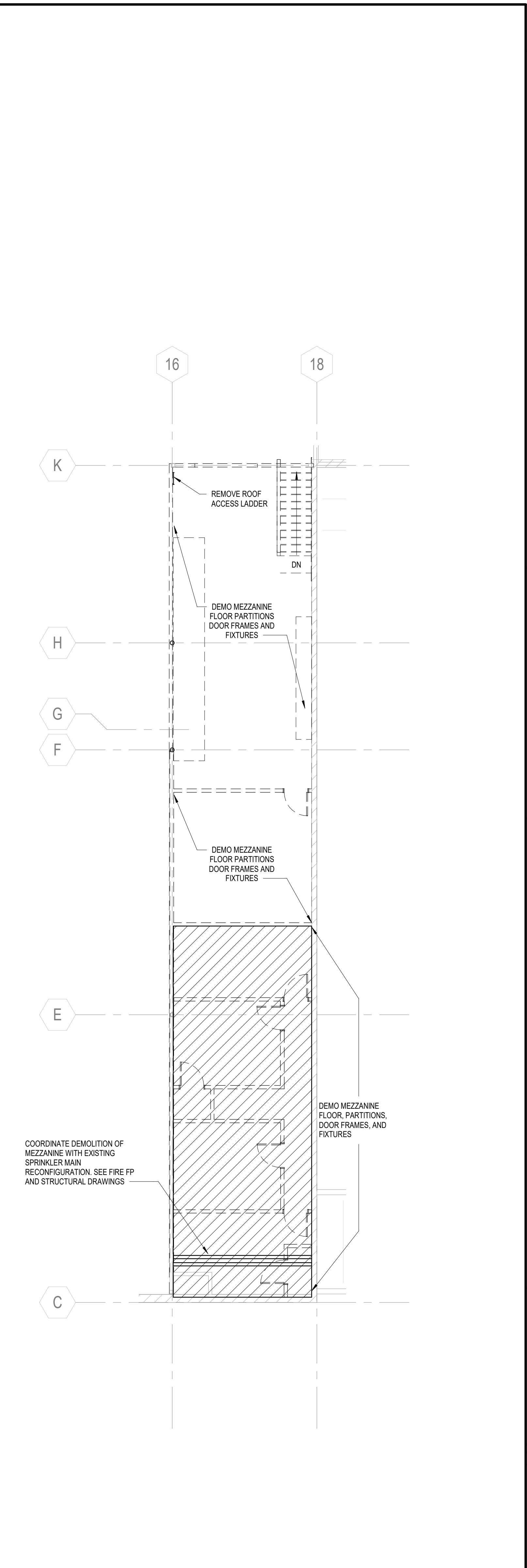


11 BIKE RACK DETAIL
SCALE: 3/4" = 1'-0"

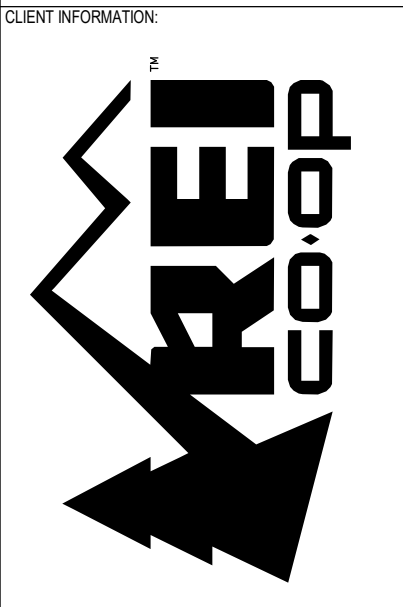
REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	12/20/21	BULLETIN 2
3	01/14/22	CONSTRUCTION SET
4	02/11/22	BULLETIN 4



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



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



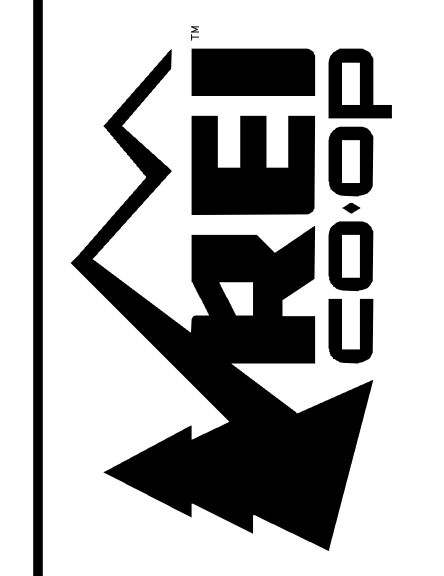
CLIENT INFORMATION
PROJECT INFORMATION
CONSULTANT INFORMATION

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CONSULTANT INFORMATION

PROJECT INFORMATION
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REV	DATE	DESCRIPTION
2	12/20/21	BULLETIN 2
01/14/22		CONSTRUCTION SET
4	02/11/22	BULLETIN 4

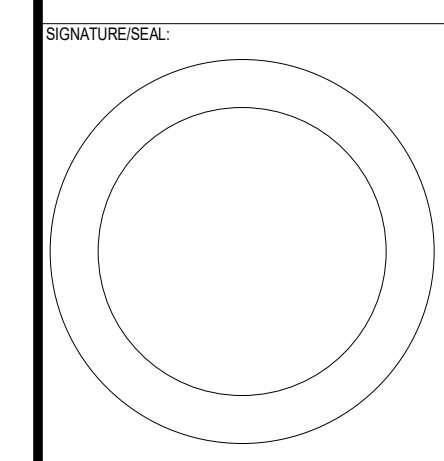
SHEET NUMBER: AD-111
SHEET TITLE: DEMO FLOOR PLAN



CALLISON|TKL



REI-GLENWOOD SPRINGS
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GLENWOOD SPRINGS,
CO 81601



REV	DATE	DESCRIPTION
1	1/16/2021	BID SET
2	12/20/2021	BULLETIN 2
3	1/14/2022	BULLETIN 3
4	2/16/2022	BULLETIN 4

POWER & SIGNAL GENERAL NOTES

- VERIFY EXACT LOCATIONS OF HVAC EQUIPMENT, CONDUIT STUB-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 STUB-UP (1") (1") CONDUIT AND (1/2") CONDUIT(1") FOR POWER, (2") FOR PHONE DATA 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, BURGLAR ALARM CONTRACTOR TO RUN WIRING TIGHT TO STRUCTURE. NO CONDUIT NEEDED. VERIFY EXACT DEVICES AND LOCATIONS WITH BURGLAR 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.

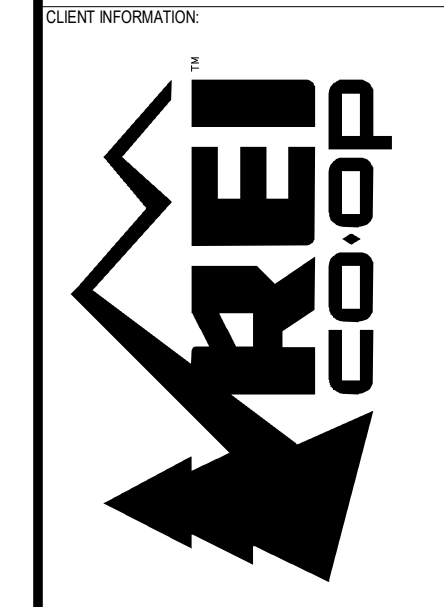
POWER & SIGNAL KEY NOTES

- 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 PUSH-BUTTON 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.
- BURGLAR 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 STUB-UP WITH ARCHITECTURAL SHEETS.
- EXISTING (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 +9" AFF TO CORRESPONDING UNIT.
- PROVIDE CEILING-MOUNTED RECEPTACLE AT BOTTOM OF STRUCTURE FOR PUBLIC VIEW MONITOR. SEE A144 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. AND CONDUIT AT 4" ABOVE PLUMBING ENCLOSURE.
- PROVIDE (2#) 2, (1#) 2G, 3# 1C FROM AC-1 TO CONDENSATE PUMP, WHICH IS MOUNTED TO AC-1. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.
- PROVIDE CEILING-MOUNTED NEMA TYPE L14-20R 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 E200 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# 2x4x8" PULL BOX FOR TOP CONDUIT.
- 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 #B4320 FLOOR BOX, WITH #4S825 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 PULL STRING.
- 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 PULL STRING.
- 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 IN LOCATION ACCESSIBLE BY TENANT'S STEP-LADDER. 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 HOME RUN AND FINAL CONNECTION TO PANEL. DOOR INSTALLATION INCLUDES DOOR OPERATOR CONTROLS. PROVIDE A MTC 38M 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 (3#) 1# 1/2" (1#) 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 INTERNALLY 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
E-100 SCALE: 1/8" = 1'-0"



CALLISON|TKL
Legal Entity
Building Name
City, State, Zip
XXXXXXXXXX



REI-GLENWOOD SPRINGS
3300 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601

REV	DATE	DESCRIPTION
1	11/08/2021	BID SET
2	12/20/2021	BULLETIN 2
3	1/14/2022	ISSUED FOR CONSTRUCTION
4	2/16/2022	BULLETIN 4

ENLARGED PLANS - POWER & SIGNAL

E-101

POWER & SIGNAL GENERAL NOTES

- VERIFY EXACT LOCATIONS OF HVAC EQUIPMENT, CONDUIT STUB-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.
- RECESSED FLOOR BOXES (PFB): CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF POWER CONDUIT BEFORE BIDDING AND PROVIDING NEW CONDUIT. WIRE TRIM PLATES, ELECTRICAL COVER PLATES, RECEPTACLE ADAPTER PLATES AND ADAPTER COLLARS, CONNECT TO CIRCUITS AND INSTALL ADDITIONAL CONDUIT AS REQUIRED, AND AS INDICATED BY HOMERUNS. CONTRACTOR TO STUB-UP (2) 3/4" CONDUITS (1 FOR POWER, 1 FOR PHONE/DATA) 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 AND ELECTRICAL 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 TDP 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 SHROUD 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 NOTED OTHERWISE. CONDUIT IN SLAB SHALL BE 1" UNLESS NOTED OTHERWISE. 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.

BIKE ASSEMBLY KEY NOTES

- PROVIDE LOCAL SWITCH FOR EXHAUST FAN, WHICH IS LOCATED ON ROOF. SEE SHEET E-102 FOR LOCATION. REFER TO MECHANICAL PLANS AND SCHEDULES FOR MORE INFORMATION.
- PROVIDE CONNECTION TO 1NH-1 FROM DISCONNECTS LOCATED NEAR PFS USING CIRCUITING AS SHOWN ON DETAIL 3/E101. E.C. SHALL PERMANENTLY LABEL 1NH-1 WITH FINAL LOCATION OF DISCONNECTS.
- PROVIDE A 20A 120V/1P NEMA 5-20R DUPLEX RECEPTACLE IN CAST METAL BOX W/COVER. PROVIDE SO CORD HARDWIRED TO JUNCTION BOX TIGHT TO DECK. PROVIDE KELLUM GRIPS, SPRING & 3' LOOP FROM CEILING J-BOX. MOUNT SUCH THAT DUPLEX RECEPTACLE HANGS @7'-0" AFF.
- PROVIDE A 30A 208V/1P DEDICATED TWISTLOCK RECEPTACLE IN CAST METAL BOX W/COVER. PROVIDE SO CORD HARDWIRED TO JUNCTION BOX TIGHT TO DECK. PROVIDE KELLUM GRIPS, SPRING & 3' LOOP FROM CEILING J-BOX. MOUNT SUCH THAT RECEPTACLE HANGS @7'-0" AFF.
- PROVIDE A 20A 120V/1P DEDICATED TWISTLOCK RECEPTACLE IN CAST METAL BOX W/COVER. PROVIDE SO CORD HARDWIRED TO JUNCTION BOX TIGHT TO DECK. PROVIDE KELLUM GRIPS, SPRING & 3' LOOP FROM CEILING J-BOX. MOUNT SUCH THAT DUPLEX RECEPTACLE HANGS @7'-0" AFF.

LOCKER KEY NOTES

- PROVIDE JUNCTION BOX AND DEDICATED CIRCUIT FOR HAND DRYER. COORDINATE MOUNTING HEIGHT OF JUNCTION BOX WITH MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE DUPLEX FOR POWER TO SINK SENSOR. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

OFFICE KEY NOTES

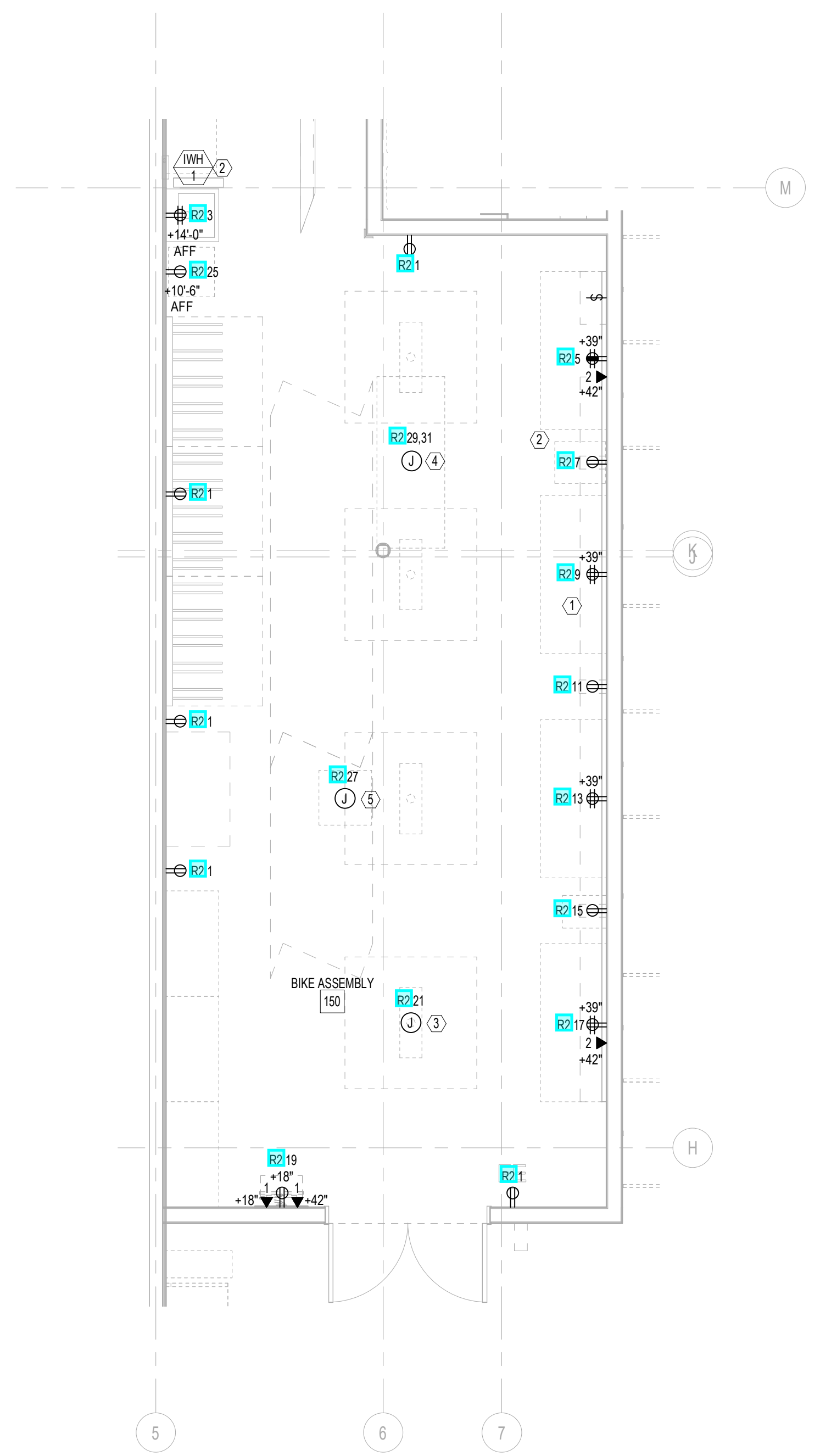
- EC TO PROVIDE CONDUIT STUB-UPS AT CASHWRAP DESK AS INDICATED. ROUTE CONDUIT FROM TDP PANEL TO STUB-UP LOCATION UNDER COUNTER. E.C. SHALL LABEL RECEPTABLES WITH THE CIRCUIT NUMBER & AFFIX TO DEVICE COVERPLATES.
- RECEPTABLES ARE SHOWN FOR REFERENCE ONLY. CASEWORK IS PRE-WIRED WITH PRE-INSTALLED OUTLETS. CONTRACTOR IS ONLY RESPONSIBLE FOR CONNECTING POWER TO FIRST CONNECTION POINT AT CASHWRAP AND FOR MAKING CONNECTIONS BETWEEN EACH SECTION OF CASHWRAP CASEWORK.
- PROVIDE 12"x12"x6" JUNCTION BOX IN STORAGE AREA. MOUNT BOTTOM OF BOX AT 18" AFF. PROVIDE SCREW COVER FOR BOX ACCESS. RUN 4" CONDUIT FOR DATA AND TELEPHONE TIGHT TO CEILING TO TDP RACK. SEE SHEET E-102 FOR MORE INFORMATION REGARDING CONDUIT ROUTING.
- PROVIDE (1) 4" CONDUIT TO THE STRUCTURE DIRECTLY ABOVE THE IDF. CONNECT TO OWNER PROVIDED & INSTALLED IDF CABINET. LOCATE IDF CABINET AT 11'-6" AFF. PROVIDE 48" X 48" X 3/4" FIRE RESISTANT PLYWOOD MOUNTED SECURELY TO WALL STARTING AT 10" FOR IDF CABINET. COORDINATE INSTALLATION OF GROUND BAR WITH VENDOR. PROVIDE A #6G FOR IDF RECEPTACLE TO BE INSTALLED ON PLYWOOD BACKBOARD NEAR THE TOP RIGHT CORNER. COORDINATE EXACT HEIGHT AND LOCATION OF DUPLEX WITH ARCHITECT.

UTILITY KEY NOTES

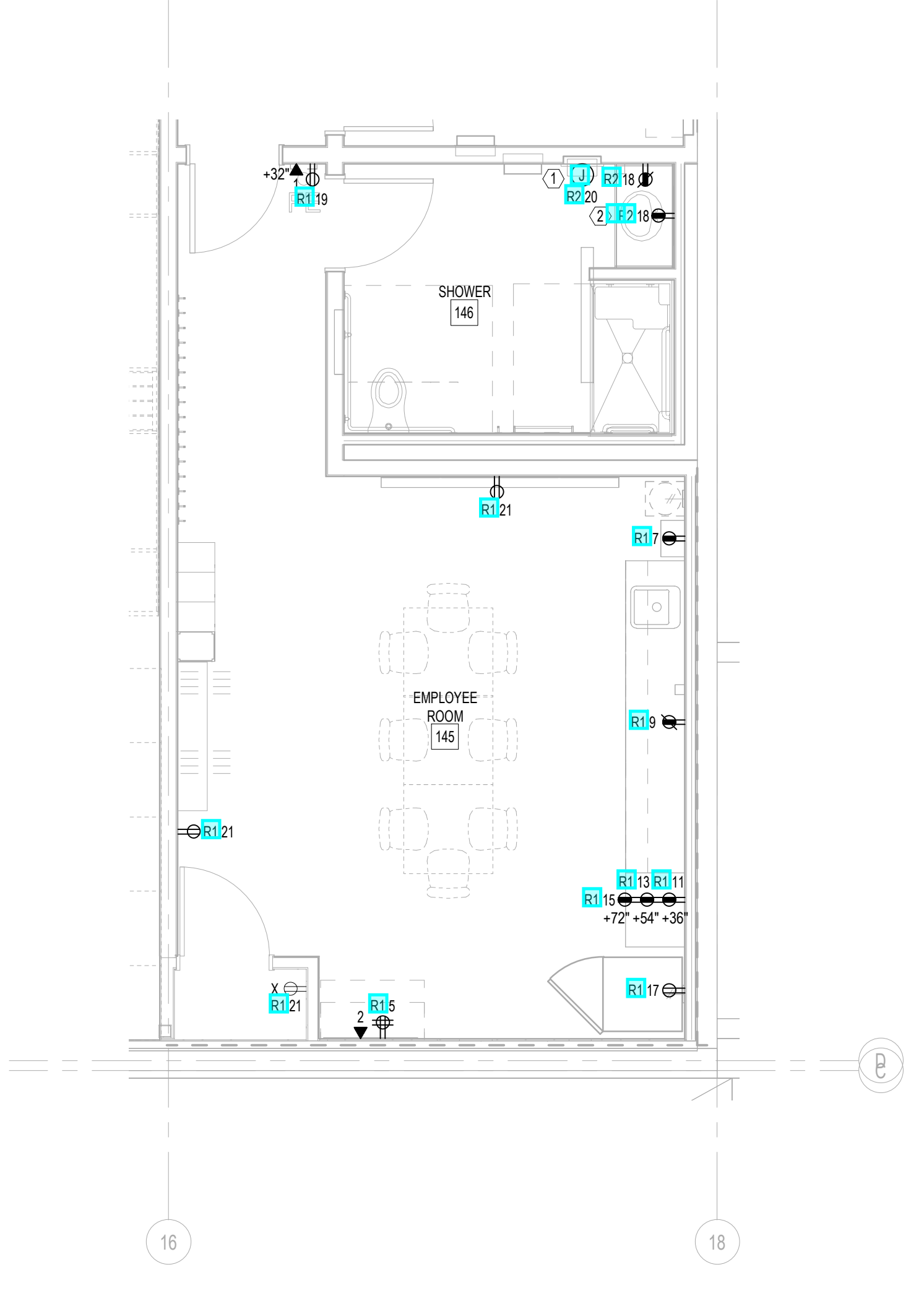
- PROVIDE 2" CONDUIT WITH PULL STRING FROM NOVAR SECTION IN SWITCHGEAR TO SECURITY PANEL.
- OWNER TO PROVIDE AND CONTRACTOR TO INSTALL INTEGRATED FACILITY SYSTEMS SWITCHBOARD. SEE SHEET E-102 FOR DETAILS AND MORE INFORMATION REGARDING INTEGRATED FACILITY SYSTEMS SWITCHBOARD.
- NOT USED.

TDP KEY NOTES

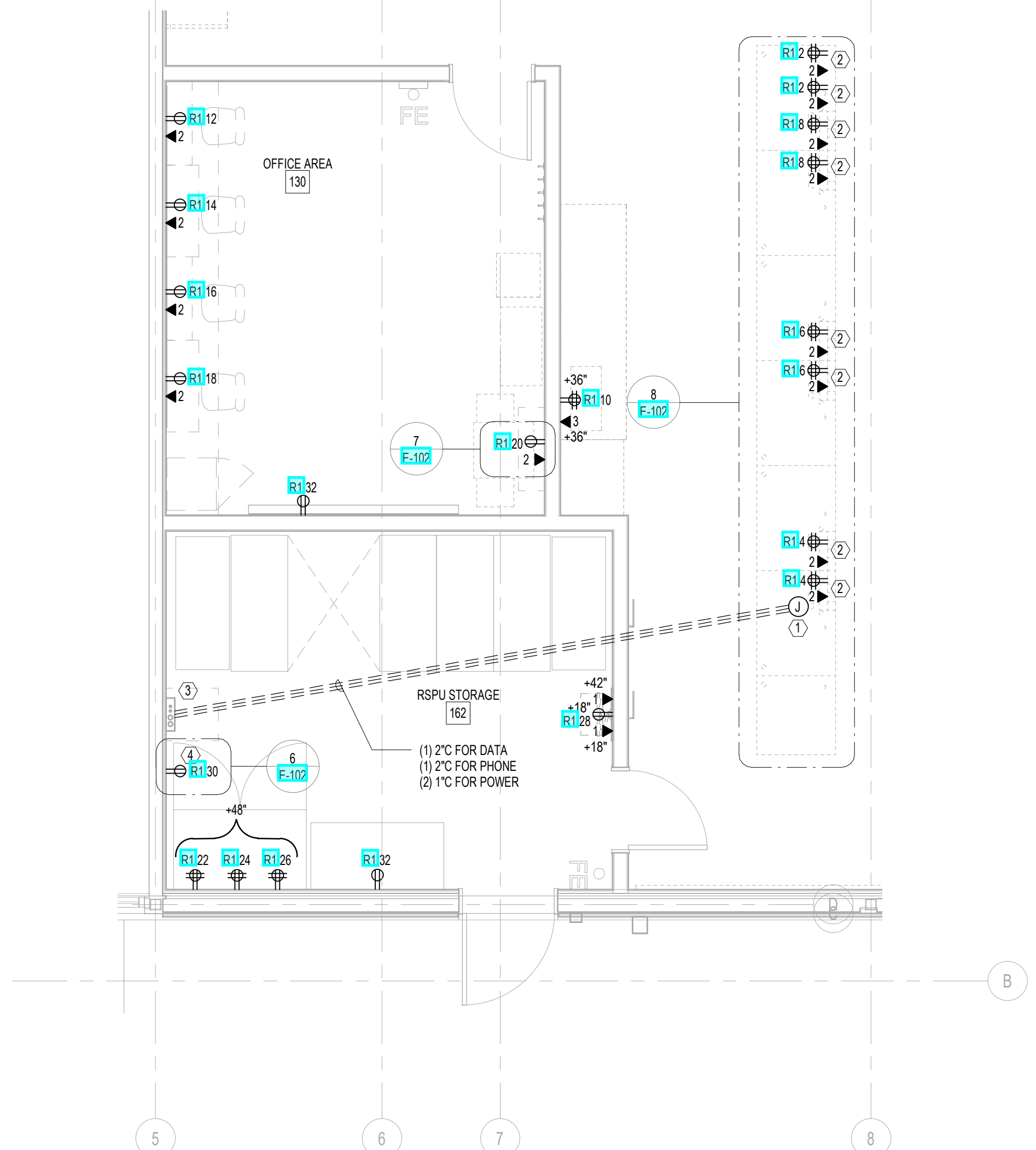
- PROVIDE NEMA L5-30 DEDICATED TWISTLOCK RECEPTACLE WITH (3)#10 IN 3/4" STACK RECEPTABLES AT +19" AFF AND +27" AFF.
- PROVIDE SIGNAL WIRE FROM FACP TO TDP.
- NEW LOCATION OF REI DEMARC. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH UTILITY COMPANY.
- PROVIDE FIRE RESISTANT PLYWOOD COVERING ALL WALLS UP TO 8'-0". EXTEND EXISTING TELEDATA SERVICE CONDUIT WITH PULL STRING TO BACKWARD EDGE. VERIFY TERMINATION POINT AND ROUTING OF EXISTING CONDUIT PRIOR TO BID.
- PROVIDE GROUND BAR. REFER TO GROUND BAR DETAIL 11 ON SHEET E-102 FOR ADDITIONAL INFORMATION.
- PROVIDE 2" CONDUIT WITH PULL STRING FROM NOVAR SECTION IN SWITCHGEAR TO SECURITY PANEL.
- PROVIDE 12X12 BOX FOR SECURITY. COORDINATE EXACT LOCATION WITH OWNER'S REQUIREMENTS AND INSTALL AS REQUIRED.
- PROVIDE (3) RECEPTABLES FOR ALARM CONTROL PANELS. VERIFY REQUIREMENTS AND INSTALL AS REQUIRED.
- MAIN TELEPHONE SERVICE LINE - TRENCH FLOOR TO EXTEND EXISTING (1) 4" CONDUIT TO NEW LOCATION SHOWN.
- PROVIDE 4" CONDUIT WITH PULL STRING FROM IDF PANEL FOR PHONE/DATA CABLING (IF APPLICABLE).
- PROVIDE 4" DIA. CONDUIT WITH PULL STRING FROM UNDERSIDE PLANE OF ROOF STRUCTURE OF RETAIL AREA FOR PHONE/DATA CABLING.
- PROVIDE 4" DIA. CONDUIT WITH PULL STRING FROM GENERAL OFFICE AREA FOR PHONE/DATA CABLING.
- 2" CONDUIT WITH PULL STRING FROM UNDERSIDE OF STRUCTURE OF FIRST FLOOR STRUCTURE FOR AUDIO SYSTEM LINES.
- 2" CONDUIT WITH PULL STRING FROM UNDERSIDE OF ROOF STRUCTURE FOR AUDIO SYSTEM LINES.
- 4" DIA. CONDUIT WITH PULL STRING FROM UNDERSIDE PLANE OF FIRST FLOOR ROOF STRUCTURE OF RETAIL AREA FOR SECURITY SYSTEM.



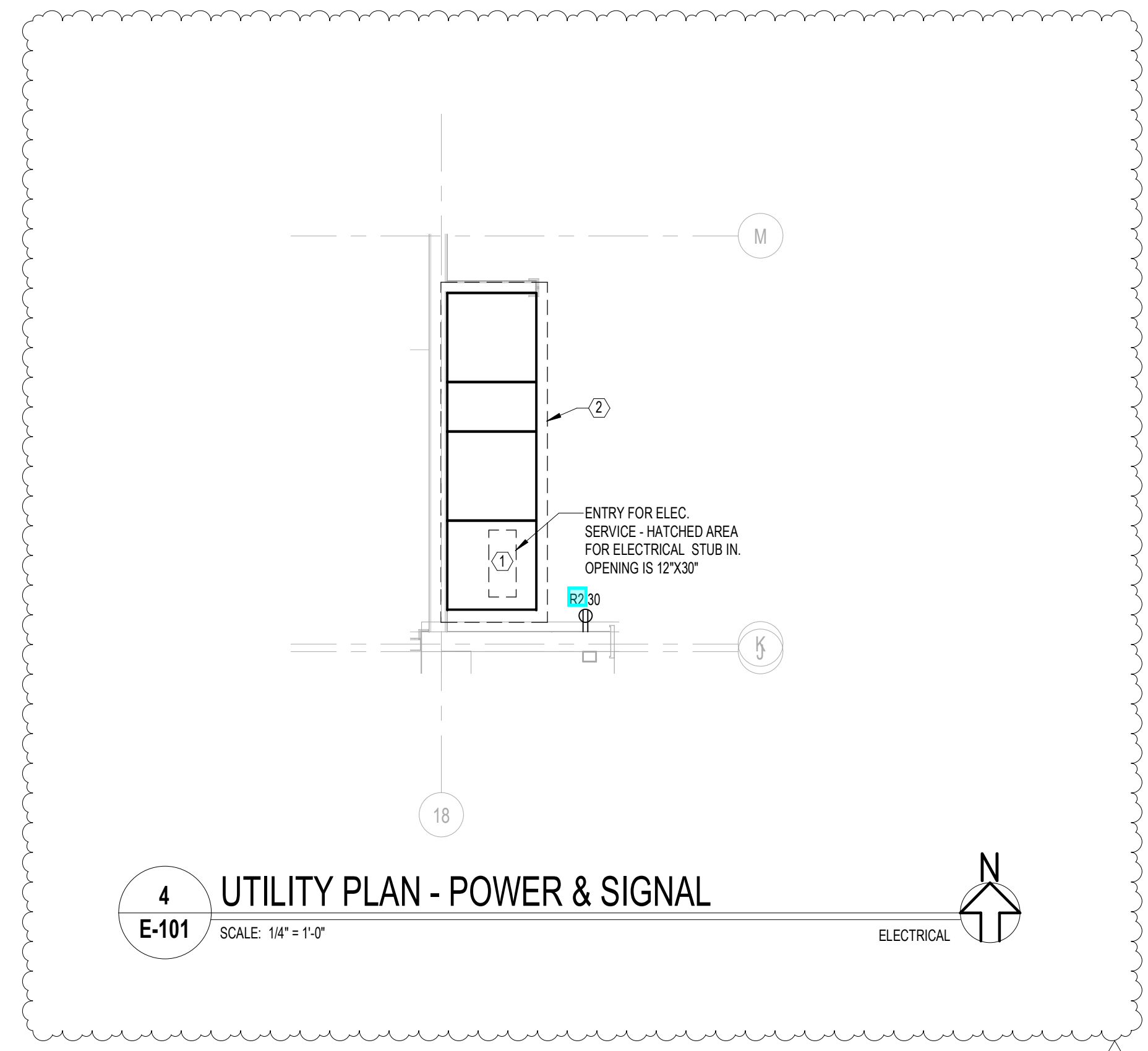
1 ENLARGED BIKE ASSEMBLY PLAN
POWER & SIGNAL
SCALE: 1/4" = 1'-0"



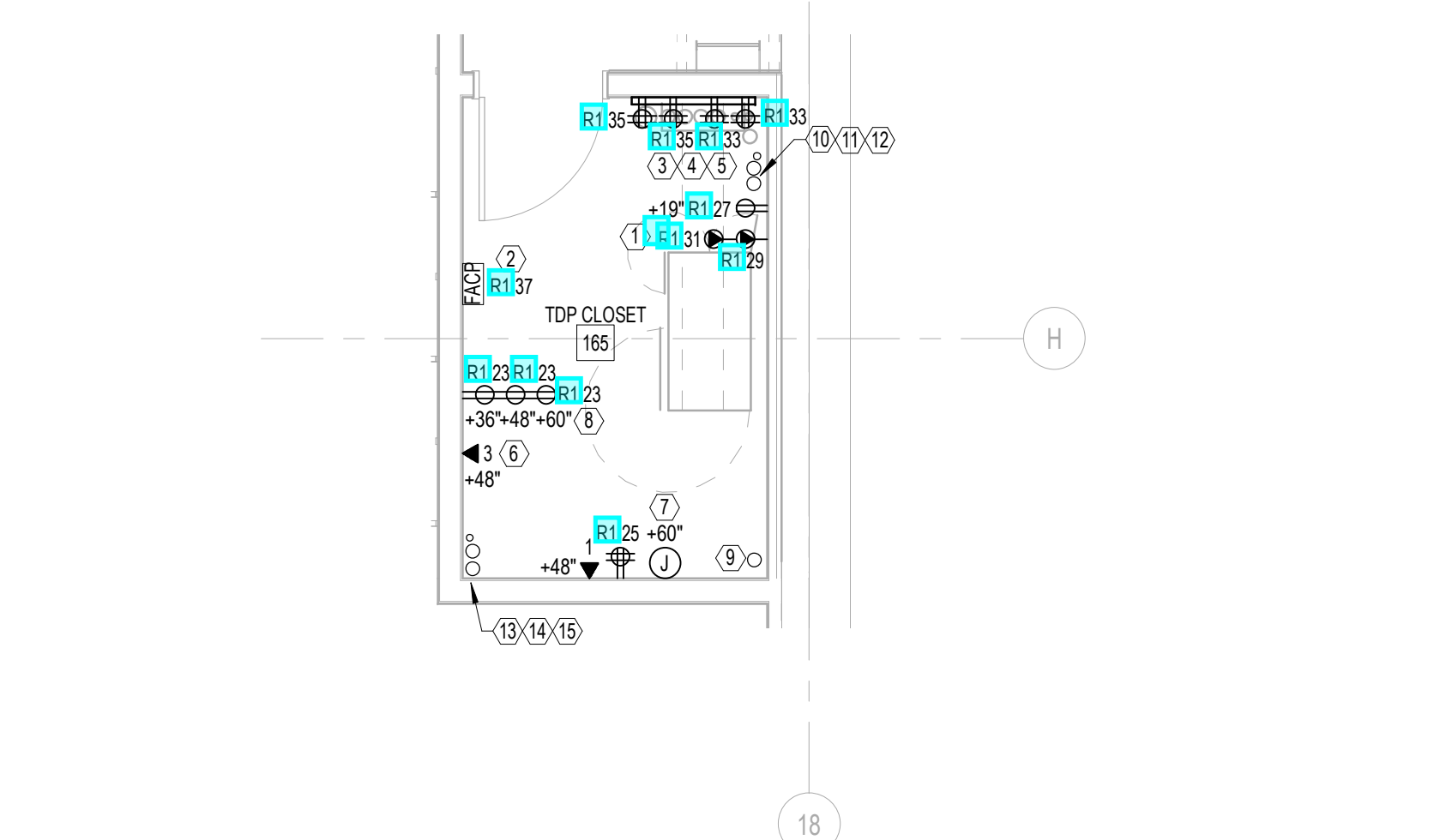
2 ENLARGED LOCKER ROOM PLAN
POWER & SIGNAL
SCALE: 1/4" = 1'-0"



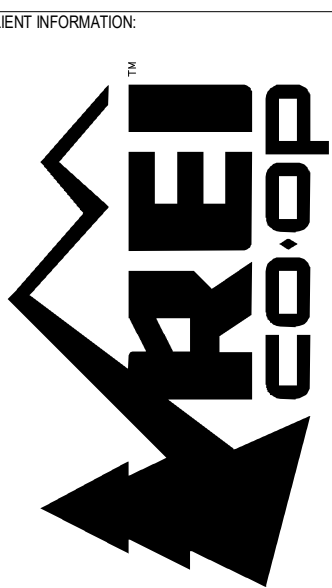
3 ENLARGED OFFICE, CASHWRAP & RPSU PLAN -
POWER & SIGNAL
SCALE: 1/4" = 1'-0"



4 UTILITY PLAN - POWER & SIGNAL
SCALE: 1/4" = 1'-0"



5 ENLARGED TDP PLAN
POWER & SIGNAL
SCALE: 1/4" = 1'-0"



CLIENT INFORMATION

ARCHITECT INFORMATION
CALLISONRTKL
Legal Entity
Building Name
City, State, Zip
XX-XXXXXX

CONSULTANT INFORMATION



PROJECT INFORMATION

REI-GLENWOOD SPRINGS
3300 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO, 80101

REVISIONS

REV	DATE	DESCRIPTION
1	11/08/2021	BID SET
2	12/20/2021	BULLETIN 2
3	1/14/2022	BULLETIN 3
4	2/16/2022	BULLETIN 4

SHEET TITLE

1ST FLOOR PLAN - LIGHTING

SHEET NUMBER

E-200

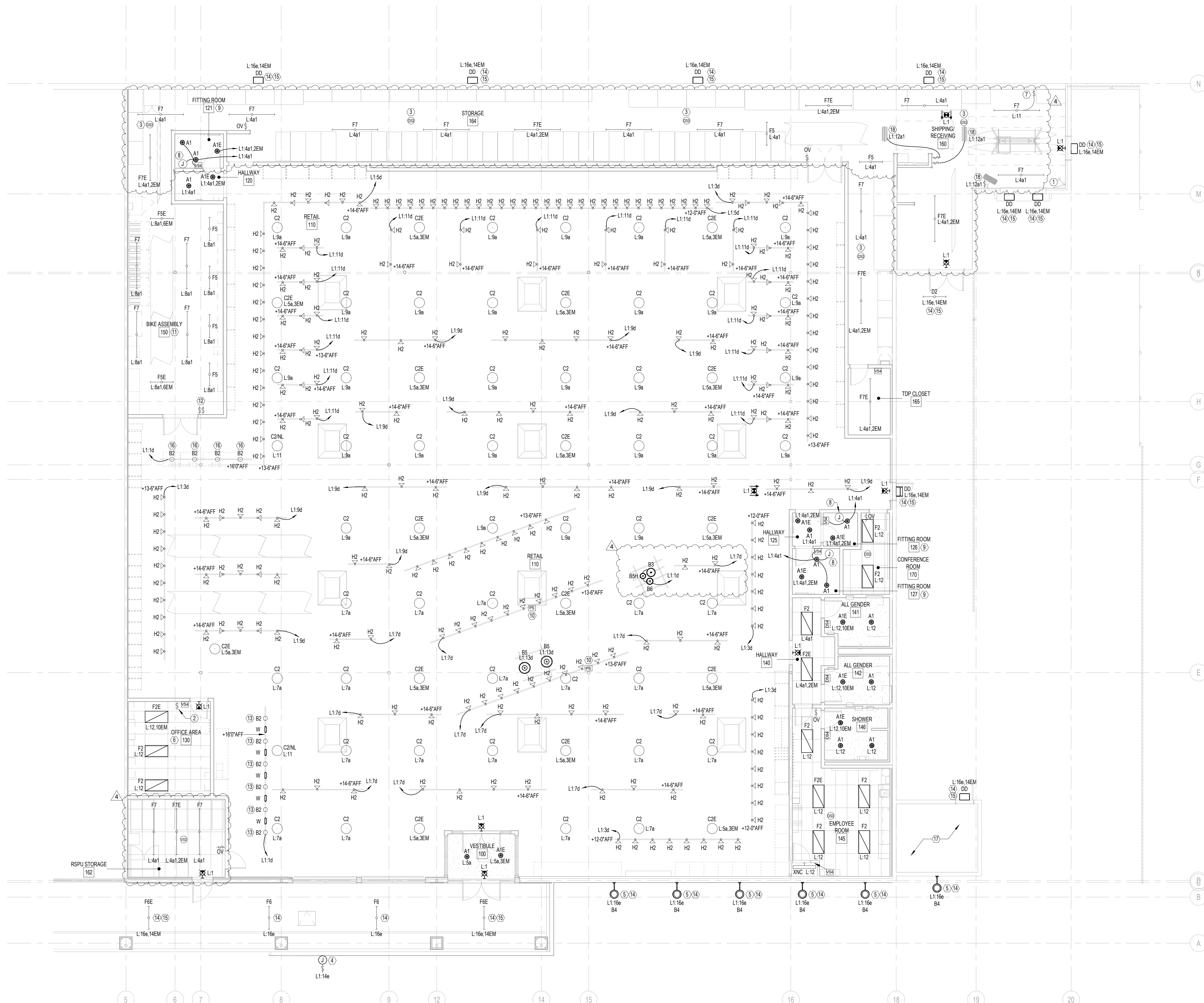
LIGHTING GENERAL NOTES

- ALL LIGHTING IS NEW UNLESS OTHERWISE NOTED.
- ALL LIGHTING IN SALES AREA TO BE CONTROLLED BY NOVAR CONTROL SYSTEM UNLESS SHOWN OTHERWISE.
- ALL TRACK SHALL BE MOUNTED TO FULL LENGTH STEEL CHANNEL FOR SUPPORT. ALL TRACK SHALL BE LOCATED 6'-0" FROM THE WALL UNLESS NOTED OTHERWISE. VERIFY EXACT LOCATIONS WITH ARCHITECT. REFER TO PLAN FOR MOUNTING HEIGHTS. VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT. CONTRACTOR SHALL PAINT STRUT TO MATCH TRACK.
- EXIT LIGHTS SHALL BE MOUNTED 8'-0" ABOVE FINISHED FLOOR (BOTTOM OF FIXTURE) OR JUST ABOVE THE TOP OF THE DOOR IF WALL MOUNTED ABOVE TOP OF A DOOR THAT IS TALLER THAN 8'-0". COORDINATE WITH ARCHITECT ON ALL MOUNTING HEIGHTS.
- ALL WALL PENETRATIONS SHALL BE NEATLY CORE-DRILLED, CAULKED, AND SEALED TO MAINTAIN FIRE AND WATERPROOF RATING. PATCH, REPAIR, AND PAINT TO MATCH EXISTING.
- TESTING OF EMERGENCY LIGHTING IS REQUIRED. CALL FOR TESTING PRIOR TO FINAL INSPECTION (TESTING MUST BE BY DISCONNECTING MAIN).
- BRANCH CIRCUIT CONDUCTORS TO BE TYPE THHN WHERE THERE ARE 6 OR MORE CONDUCTORS IN A CONDUIT.
- ALL 'C2' & 'C2E' LED LIGHT FIXTURES HAVE DIMMABLE DRIVERS & DAYLIGHT CONTROLS.
IN DAYLIGHT ZONES:
a = CIRCUITS FOR CONTROL OF TYPES 'C2' & 'C2E' LIGHTING - FOR EMPLOYEE LIGHTS, CUSTOMER LIGHTS, AND DAYLIGHT CONTROLS
- FIXTURES 'FSE', 'F7E', AND 'A1E' ARE FURNISHED WITH A SWITCHABLE EMERGENCY BATTERY BALLAST. CONTRACTOR SHALL PROVIDE HOT WIRE FROM AHEAD OF LOCAL CONTROL TO ALLOW LOCAL CONTROL FOR CIRCUIT SERVING LIGHT FIXTURE TO ALLOW BATTERY BALLAST TO BE POWERED AT ALL TIMES.
- FIXTURES WITH 'N' DESIGNATION SHALL OPERATE AS NIGHT LIGHT. CONTRACTOR SHALL PROVIDE HOT WIRE FROM AHEAD OF LOCAL CONTROL TO ALLOW LOCAL CONTROL TO ALLOW LOCAL CONTROL FOR CIRCUIT SERVING LIGHT FIXTURE TO ALLOW BATTERY BALLAST TO BE POWERED AT ALL TIMES.
- SEE DETAIL 3-6102 FOR TRACK LIGHTING DETAIL.
- PROVIDE 9155 PAR SPECIAL AUDIO, COMMUNICATION, AND INSTRUMENTATION CABLE TO ALL C2 FIXTURES FOR LIGHTING CONTROLS AT TIME OF FIXTURE INSTALLATION.

LIGHTING KEY NOTES

- DOCK LIGHT SUPPLIED WITH CORD AND PLUG AND SWITCH. SEE SHEET E-100 FOR RECEPTACLE LOCATION.
- NOVAR CONTROLS OVERRIDE KEYPAD.
- MOUNT OCCUPANCY SENSOR ON UNISTRUT. SUCH THAT BOTTOM OF SENSOR IS LEVEL WITH BOTTOM OF LIGHT FIXTURE. ENSURE SENSORS IN SHIPPING/RECEIVING ARE MOUNTED BELOW AND CLEAR OF BIKE AND BOAT LIFTS.
- PROVIDE JUNCTION BOX WITH TOGGLE DISCONNECT SWITCH FOR EACH POWER REQUIRED FOR SIGNAGE ELECTRICAL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS. COORDINATE WITH BUILDING MANAGEMENT ON SIGNAGE OPERATING SCHEDULES. CONTRACTOR SHALL PROVIDE JUNCTION BOX AND "EMPTY" CONDUIT STRIPPED INTO SPACE. COORDINATE WORK WITH SIGNAGE VENDOR PRIOR TO BID. SEE DETAIL 3-6102 FOR MORE INFORMATION.
- REMOTE BALLAST TO BE MOUNTED WITHIN 15'-0" OF FIXTURE (IF REQUIRED).
- IF DAYLITE IS PRESENT, PROGRAM THE BUILT-IN DAYLIGHT SENSOR FOR PHOTO CONTROL.
- LIGHT FIXTURE IN FRONT OF DESK TO BE SWITCHED SEPARATELY FROM REMAINDER OF WAREHOUSE.
- CONTRACTOR TO PROVIDE ROUGH-IN AND MAKE FINAL CONNECTION TO LED/MIRROR ASSEMBLY (PROVIDED BY GC). COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.
- AT FIXTURES USED IN FITTING ROOM AREA WITH OPEN STRUCTURE SHALL ALIGN WITH BOTTOM OF JOISTS. HOUSING AND SUPPORT OF FIXTURES WILL BE COMPLETELY EXPOSED. COORDINATE MOUNTING OF FIXTURE WITH ARCHITECTURAL PLANS.
- MOUNT ONE PHOTOCELL 18" BENEATH SKYLIGHT ON SOUTH OR WEST SIDE OF SKYLIGHT. MOUNT BRACKET TO ROOF JOIST AND SECURE PHOTOCELL TO IT WITH THE LENS OF SENSOR FACING NORTH. MOUNT SECOND PHOTOCELL TO NORTH SIDE OF COLUMN AT 6'-0" AFF TO BOTTOM OF DEVICE, BETWEEN LIGHT FIXTURES AND SKYLIGHT.
- LIGHT FIXTURES IN BIKE ASSEMBLY ROOM TO BE MOUNTED 16'-0" A.F.F.
- LIGHT FIXTURES IN THIS AREA SHALL HAVE LOCAL CONTROL TO PROVIDE DIMMING AND BE ROUTED THROUGH THE TIME CLOCK.
- CONTRACTOR TO PROVIDE JUNCTION BOX MOUNTED TO UNISTRUT FOR EACH 'B2' FIXTURE. 'W' FIXTURES AT CASHWRAP SHALL NOT BE PERMITTED TO BE MOUNTED TO SAME UNISTRUT AS 'B2' FIXTURES. SEE ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- PROVIDE EXTERIOR LIGHTING AND STUB CONDUIT AND WIRING TO JUNCTION BOX ON INTERIOR OF REI SPACE. PROVIDE HOMERUN AND MAKE FINAL CONNECTION TO PANEL.
- PROVIDE EMERGENCY BATTERY PACK WITH WIRING AND CONDUIT TO JUNCTION BOX LOCATED ON BUILDING INTERIOR. PRIOR TO FINAL CONNECTION TO JUNCTION BOX.
- CONTRACTOR TO PROVIDE JUNCTION BOX MOUNTED TO UNISTRUT FOR EACH 'B2' FIXTURE. SEE ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
- LIGHTING AND CONTROLS IN THIS SPACE ARE EXISTING TO REMAIN. RE-CIRCUIT TO SPARE BREAKER ON NEW PANEL.
- COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER. COORDINATE FAN CONTROL REQUIREMENTS AND LOCATION WITH ARCHITECT AND MANUFACTURER.

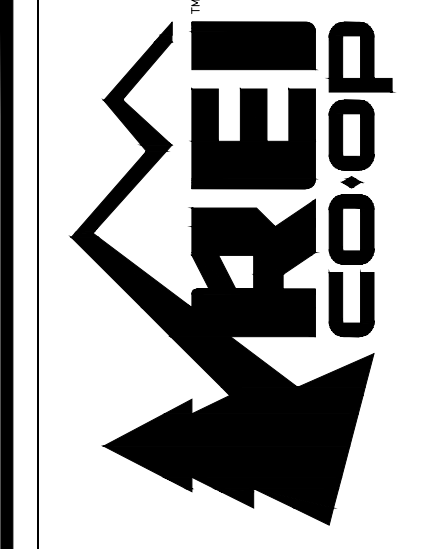
SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF LIGHTING DEVICES & FIXTURES.



1 FLOOR PLAN - LIGHTING
E-200 SCALE: 1/8" = 1'-0" ELECTRICAL

ROOM	CONTROL TYPE	OCCUPANCY SENSOR DESCRIPTION	OS TIME SETTING	NOTES
SALES	NOVAR	NA	NA	-
BIKE ASSEMBLY	NOVAR	NA	NA	-
COMMUNITY ROOM	NOVAR	NA	NA	-
FITTING ROOM AREA	OCCUPANCY SENSOR NOVAR	② DUAL TECHNOLOGY, LINE VOLTAGE CEILING MTD.; WATTSTOPPER #01-355.	15 MIN	-
LOCKER ROOM	OCCUPANCY SENSOR	② DUAL TECHNOLOGY, LINE VOLTAGE CEILING MTD.; WATTSTOPPER #01-355.	15 MIN	-
SHIPPING & RECEIVING	OCCUPANCY SENSOR	② PASSIVE INFRARED HIGH-BAY; WATTSTOPPER #B-300 WITH HBL3 LENS.	15 MIN	1
STORAGE ROOMS	OCCUPANCY SENSOR	② PASSIVE INFRARED HIGH-BAY; WATTSTOPPER #B-300 WITH HBL3 LENS. MANUAL-ON/AUTO-OFF.	15 MIN	1
SMALL OFFICES & BREAK ROOM	OCCUPANCY SENSOR	② WALL MOUNTED, -3'-10" OR AS NOTED; WATTSTOPPER #01-100. MANUAL-ON/AUTO-OFF.	15 MIN	-
CONFERENCE ROOM	OCCUPANCY SENSOR	② WALL MOUNTED, -3'-10" OR AS NOTED; WATTSTOPPER #01-100. MANUAL-ON/AUTO-OFF.	15 MIN	-
RESTROOMS	OCCUPANCY SENSOR	② ULTRASOUNDING CEILING MOUNTED; WATTSTOPPER #01-305.1.	15 MIN	-

NOTE
1. SENSITIVITY ADJUSTMENT TO BE SET TO HIGH AT EMPLOYEE ENTRANCES TO STOCK AND RECEIVING AREAS.



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2400 Seattle, WA 98101
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Seattle, WA 98103
(206) 789-0165
nrgfireconsulting.com

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

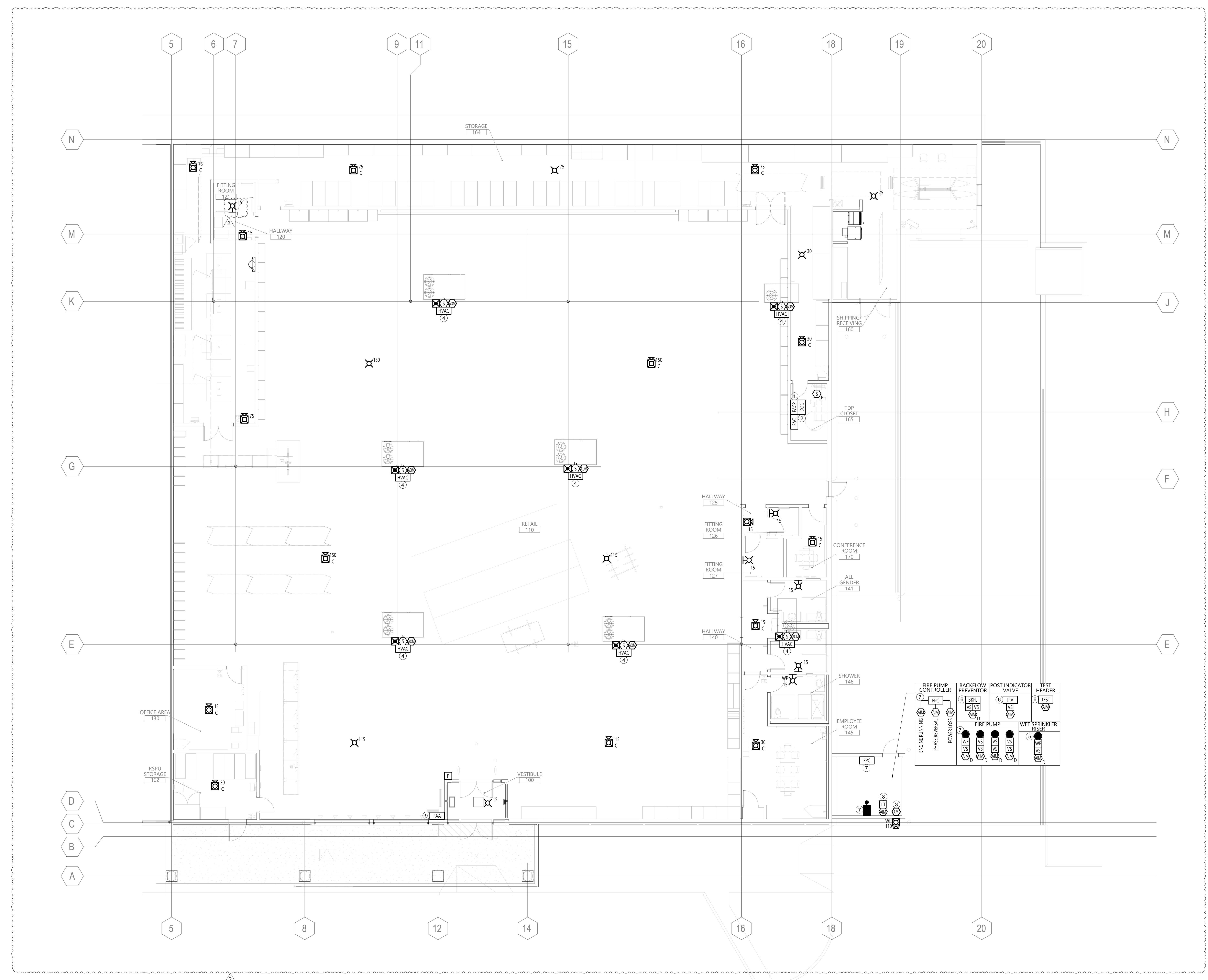
REV	DATE	DESCRIPTION
1	11.05.2021	PERMIT SET
1	12.20.2021	BULLETIN 2
2	02.16.2022	BULLETIN 4

GENERAL NOTES:

- COORDINATE INSTALLATION OF ALL CEILING MOUNTED DEVICES WITH OTHER TRADES.
- PROVIDE DUCT SMOKE DETECTION ON THE RETURN DUCTS OF ALL HVAC UNITS OVER 2000 CFM AND ON BOTH RETURN AND SUPPLY DUCTS OVER AND INCLUDING 15000 CFM.
- INSTALL ALL RELAYS WITHIN THREE FEET OF THE DEVICE BEING CONTROLLED PER NFPA 72.
- INSTALL ALL REMOTE TEST SWITCHES WITHIN 50 FEET OF THE INSTALLED DUCT SMOKE DETECTOR, AT AN ACCESSIBLE LOCATION, CEILING MOUNTED IF NECESSARY. ALL REMOTE TEST SWITCHES SHALL BE LABELED WITH THE APPROPRIATE NUMBER.
- MANUAL PULL STATIONS ARE NOT REQUIRED THROUGHOUT SINCE THIS IS A FULLY SPRINKLERED BUILDING WITH COMPLETE OCCUPANT NOTIFICATION PER IBC/IFC 907.2.7, EXCEPTION 2.
- DO NOT INSTALL ANY SMOKE DETECTOR CLOSER THAN 5 FEET FROM A DIFFUSER OR 12 INCHES FROM A LIGHTING FIXTURE.
- AREAS WITH OPEN CEILINGS ABOVE 30'-0" A.F.F., INSTALL ALL NOTIFICATION DEVICES WITH THE DEVICE LENS AT 30'-0" A.F.F. MINIMUM.
- ANY FIRE ALARM SYSTEM WIRING SHOWN ON THE PLANS IS FOR REFERENCE ONLY. THE INSTALLING CONTRACTOR SHALL VERIFY EXACT WIRE AND ROUTING REQUIREMENTS PRIOR TO INSTALLATION.
- COORDINATE ALL LOCATION AND QUANTITY OF SPRINKLER SYSTEM EQUIPMENT WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.

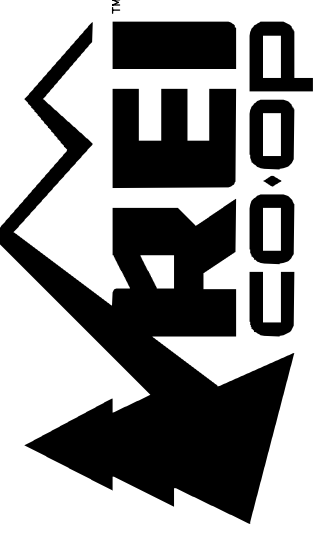
KEYED NOTES:

- NEW FIRE ALARM CONTROL PANEL LOCATE SMOKE DETECTOR WITHIN 5'-0" OF FACP. CONNECT TO 24VDC PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. INSTALLING CONTRACTOR TO VERIFY LOCATION OF FACP WITH OWNER.
- CONFIRM LOCATION OF THE FIRE ALARM DOCUMENT CABINET AND CELLULAR COMMUNICATOR WITH THE OWNER.
- INTERFACE DEVICE WITH THE EXTERIOR NOTIFICATION APPLIANCE AS INDICATED. HOMERUN SIC AND 24VDC WIRING TO THE FACP LOCATED IN THE TDP CLOSET #165. INSTALLING CONTRACTOR TO VERIFY THE LOCATION AND MOUNTING HEIGHT OF THE EXTERIOR NOTIFICATION APPLIANCE WITH THE AHI PRIOR TO INSTALLATION.
- INTERFACE DEVICES WITH THE ASSOCIATED HVAC UNIT. COORDINATE HVAC LOCATIONS AND DEVICE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
- WET SPRINKLER SYSTEM RISER. COORDINATE EXACT QUANTITY AND LOCATION WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- BACKFLOW PREVENTOR, TEST HEADER, AND PIV. COORDINATE EXACT LOCATION AND QUANTITY WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- FIRE PUMP AND FIRE PUMP CONTROLLER. COORDINATE FIRE PUMP LOCATION AND QUANTITY OF MONITORING POINTS WITH THE SPRINKLER CONTRACTOR PRIOR TO INSTALLATION.
- LOW TEMPERATURE SENSOR. CONTRACTOR TO COORDINATE LOCATION WITH SPRINKLER CONTRACTOR PRIOR TO INSTALLATION.
- FIRE ALARM REMOTE ANNUNCIATOR. COORDINATE EXACT LOCATION WITH THE AHI PRIOR TO INSTALLATION.
- RISER DIAGRAM IS FOR DIAGRAMMATICAL PURPOSES ONLY. CONTRACTOR TO COORDINATE ANY REQUIRED WIRE ROUTING AND ASSOCIATED REQUIREMENTS PRIOR TO INSTALLATION. REFER TO FA101 FOR DEVICE PLACEMENT.
- CONTRACTOR SHALL PROVIDE NEW FACP BATTERY CALCULATIONS AND NEW VOLTAGE DROP CALCULATIONS FOR THE CIRCUITS THAT THEY CREATE. CALCULATION EXAMPLES ARE SHOWN FOR REFERENCE ONLY AND DO NOT REFLECT ANY ACTUAL FIRE ALARM CALCULATIONS RELATED TO THIS SPECIFIC PROJECT.



1 DEVICE PLACEMENT PLAN
SCALE 1/8" = 1'-0"
0 4 8 16 IN FEET

ARCHITECTURAL BACKGROUNDS UPDATED.
ROOM NAMES ADDED TO FLOOR PLAN.



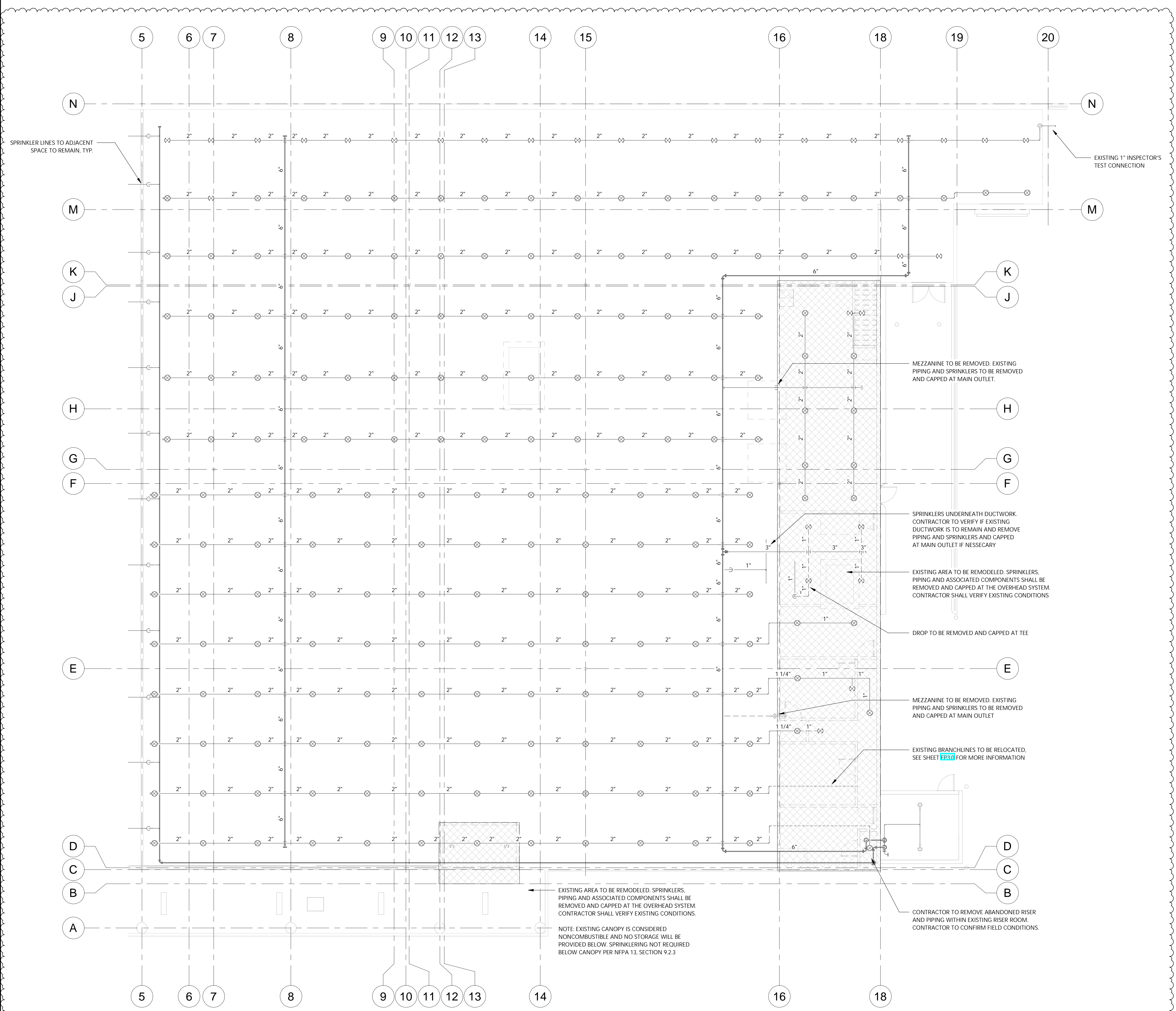
ARCHITECT INFORMATION
CALLISONRTKL
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2400 South, WA 98101
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CONSULTANT INFORMATION
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PROJECT INFORMATION
REI-GLENWOOD SPRINGS
3246 S. GLEN AVENUE
GLENWOOD SPRINGS, CO 81601

REV	DATE	DESCRIPTION
1	11.05.21	PERMIT SET
1	12.20.21	BULLETIN 2
2	02.16.22	BULLETIN 4

SHEET NUMBER
FP2.0



1 FIRE PROTECTION DEMOLITION PLAN
1/8" = 1'-0"



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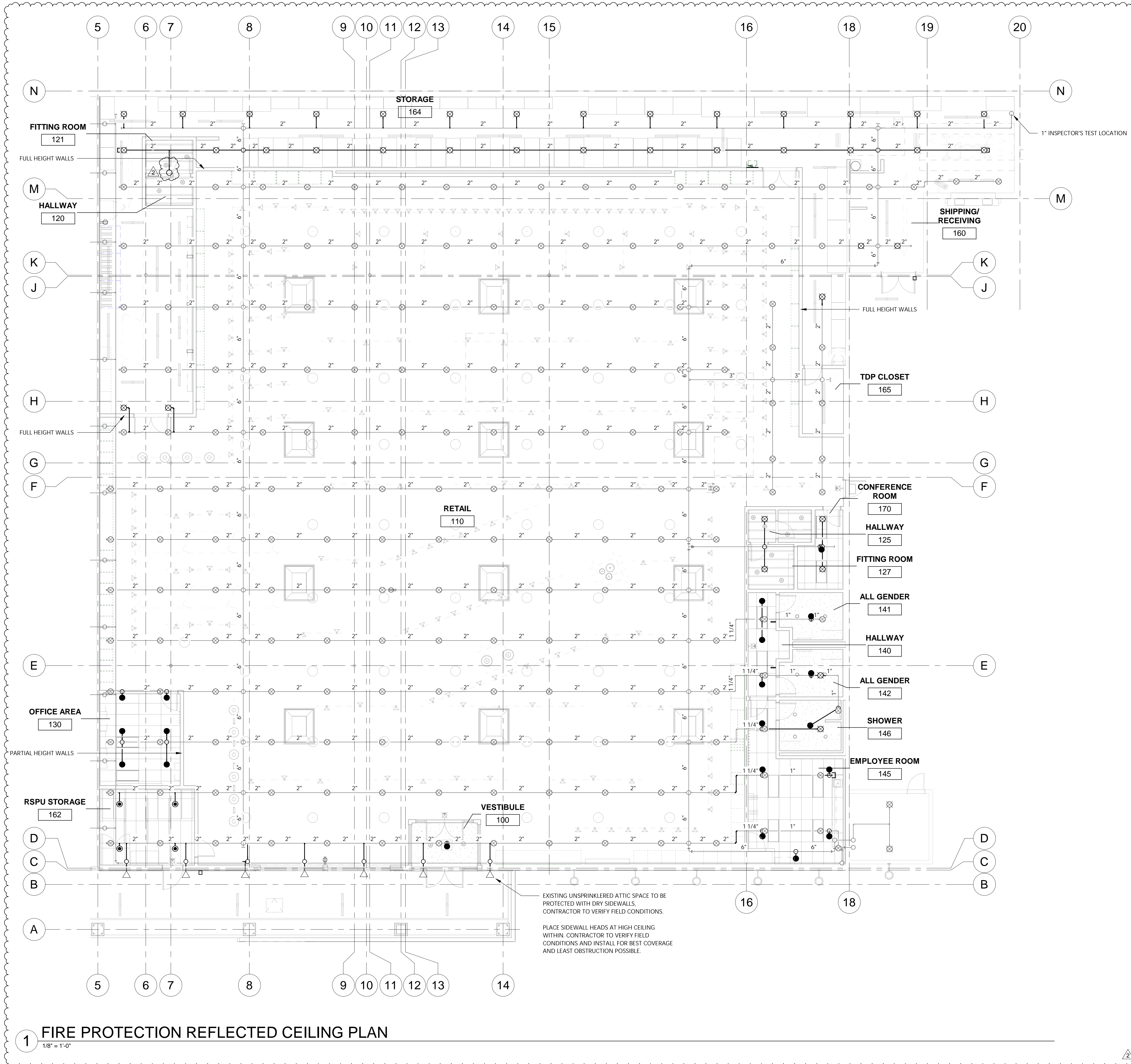
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REV	DATE	DESCRIPTION
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FIRE PROTECTION PIPING
PLAN - TENANT
IMPROVEMENTS

FP3.0



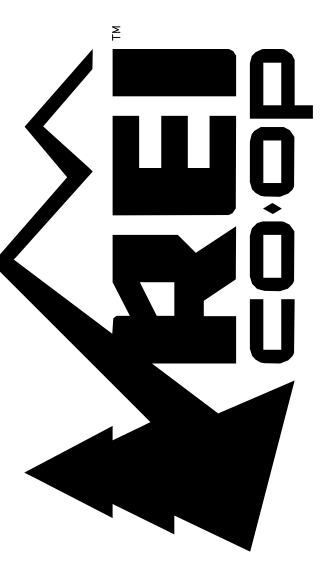
1 FIRE PROTECTION REFLECTED CEILING PLAN

1/8" = 1'-0"

SYMBOL	MANUF.	S.I.N.	STYLE	FINISH	ESC.	TEMP.	K-FAC	Count
◁			SDWL	Brass	Deep	200 °F	5.6	7
●			SSP	Brass	None	200 °F	5.6	27
◉			SSP	Brass	None	200 °F	11.2	4
○			SSU	Brass	None	200 °F	5.6	1
⊗			SSU	Brass	None	286 °F	11.2	39
GRAND TOTAL:								78

NOTES TO THE CONTRACTOR

- IN ADDITION TO THE SPRINKLER QUANTITIES NOTED, ADDITIONAL SPRINKLERS OF EACH TYPE WILL BE REQUIRED PER NFPA 13 REQUIREMENTS.
- ARM-OVER PIPING AND/OR DROPS SHALL BE 1-IN. SCHEDULE-40 PIPING, UNLESS NOTED OTHERWISE.
- DROPS TO NEW SPRINKLERS SHALL MATCH EXISTING OVERHEAD LINES, UNLESS CONTRACTORS' CALCULATIONS PROVE SMALLER PIPING WILL SUFFICE.
- THE CUMULATIVE HORIZONTAL LENGTH OF AN UNSUPPORTED ARM-OVER TO A SPRINKLER, SPRINKLER DROP, OR A SPRIG UP SHALL NOT EXCEED 24-IN. FOR STEEL PIPING.
- FIRE PROTECTION CONTRACTOR SHALL COORDINATE ALL PENDENT SPRINKLER LOCATIONS WITH MECHANICAL AND LIGHT/ELECTRICAL CONTRACTORS AS REQUIRED. COORDINATION MAY REQUIRE THE ADJUSTMENT OF EXISTING/NEW SPRINKLERS OR THE RELOCATION OR NEW/EXISTING LIGHTING. A COORDINATION MEETING WITH THE TRADES AND THE GC IS RECOMMENDED.
- *CORRECT SPRINKLER LOCATIONS AND/OR QUANTITIES IS THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR. CONTRACTOR SHALL PLACE IN THEIR BID AS A SEPARATE LINE ITEM EXTRA QUANTITY OF SPRINKLERS. COST OF EXTRA SPRINKLERS SHALL BE ACCOUNTED FOR AT TIME OF BID. CONTRACTOR WILL NOT BE AWARDED COST OF EXTRA SPRINKLERS AFTER BID APPROVAL, UNLESS OWNER CHANGES INDICATE OTHERWISE.



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Legal Entity
Building Name
City, State, Zip
XXX-XXXXXX



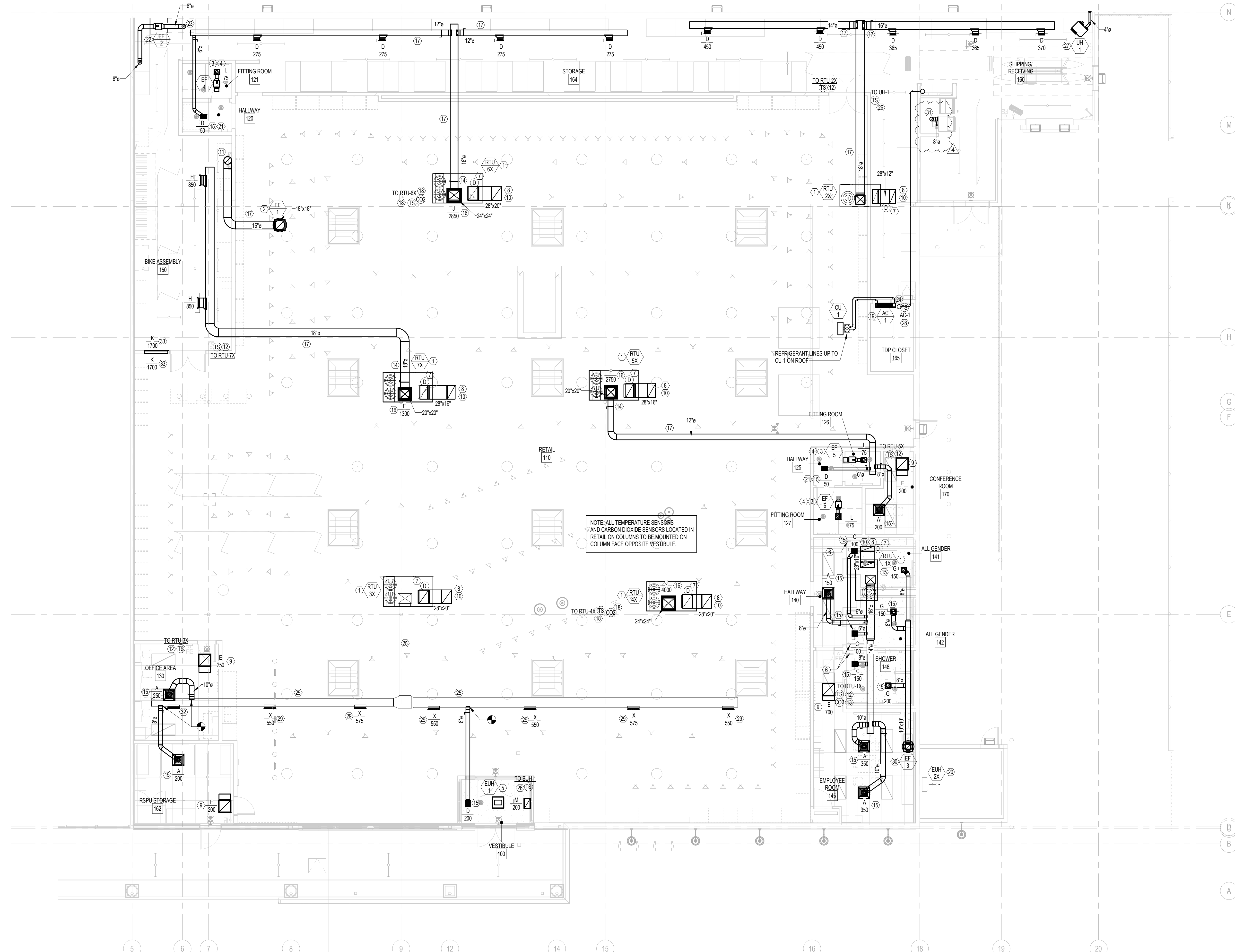
REI-GLENWOOD SPRINGS
3300 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO. 81611

MECHANICAL 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 DUCT RISERS AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- DRAWINGS FOR HVAC 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 DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- EXHAUST OUTLETS SHALL BE LOCATED A MINIMUM OF 15'-0" FROM ANY OUTSIDE AIR INTAKES.
- PROVIDE LABEL ON EACH ROOFTOP UNIT WHICH CLEARLY STATES 'RTU #', UNIT NUMBER SHALL MATCH NUMBER SHOWN ON PLAN. TEXT SHALL BE 4" HELV. MED.
- THE LOCATION OF EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON SITE OBSERVATIONS AND THE BEST AVAILABLE INFORMATION AT THE TIME OF DRAWING PREPARATION AND SOME DISCREPANCIES MAY EXIST. VERIFY EXACT LOCATIONS OF EQUIPMENT TO BE REMOVED IN THE FIELD AND REQUEST CLARIFICATION FROM THE ENGINEER WHEN LOCATION OR EXISTENCE DIFFERS FROM PLANS.
- INSTALL ALL METAL DUCT SUPPORTS AND SPACING ON THE PLANS IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

MECHANICAL KEY NOTES

- EXISTING ROOFTOP UNIT AND ASSOCIATED GAS PIPING TO REMAIN AND BE RE-USED. BALANCE AS PER SCHEDULE. CONTRACTOR TO VERIFY LOCATION IN FIELD AND ADJUST DUCTWORK AS NECESSARY FOR COMPLETE INSTALLATION. PROVIDE ROUTINE MAINTENANCE INCLUDING BUT NOT LIMITED TO, CHANGING FILTERS & BELTS, RECHARGING REFRIGERANT, ETC.
- PROVIDE ROOF MOUNTED EXHAUST FAN ON FACTORY FABRICATED ROOF CURB. REFER TO DETAIL 2A.301.
- PROVIDE IN-LINE EXHAUST FAN SUPPORT FAN FROM STRUCTURE ABOVE WITH STEEL CHANNEL AND THREADED ROD WITH VIBRATION ISOLATORS. PROVIDE FLEXIBLE CONNECTORS ON THE INLET AND DISCHARGE DUCT CONNECTIONS. DISCHARGE DUCT TO HAVE ACOUSTICAL LINER. INSTALL ED PER DETAIL 11.M.300 AND TERMINATE WITH OPEN ENDED DUCT. REFER TO DETAIL 5.A.4.301.
- TERMINATE EXHAUST GRILLE AT 10'-7" A.F.F. COORDINATE WITH STRUCTURAL FRAMING.
- PROVIDE RECESSED CEILING MOUNTED UNIT HEATER. MOUNT HEATER IN CEILING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- UNDERCUT DOOR 1".
- DUCT MOUNTED SMOKE DETECTOR FURNISHED BY FIRE ALARM CONTRACTOR AND INSTALLED IN DUCT BY MECHANICAL CONTRACTOR. INTERLOCK WIRING BETWEEN FIRE ALARM SYSTEM RELAY AND UNIT SHUTDOWN CONTACT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. ALL OTHER WIRING BY FIRE ALARM CONTRACTOR. UPON DETECTION OF SMOKE, UNIT SHALL SHUT DOWN UPON SIGNAL FROM FIRE ALARM SYSTEM.
- PROVIDE RETURN AIR BOOT WITH ACOUSTICAL DUCT LINER. LINER SHALL BE 1" THICK 3 PCF DENSITY, LONG TEXTILE TYPE FIBER, WITH SURFACE CLEANABLE PER NAAMA DUCT CLEANING GUIDELINES. INSTALL LINER IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS. LAMINATE LINER TO INTERNAL SURFACES OF DUCT IN ACCORDANCE WITH LINER MANUFACTURER'S INSTRUCTIONS, AND FASTEN WITH MECHANICAL FASTENERS.
- REFER TO DETAIL 11.M.300.
- ELBOW END OF RETURN AIR DUCT UP. PROVIDE ONE DUCT DEPTH BETWEEN DECK AND OPENING. REFER TO DETAIL 3.A.301.
- REFER TO DETAILS 5.1A.301 AND 7.M.300.
- RELOCATED TEMPERATURE SENSOR. ADJUST CONTROL WIRING AS NECESSARY FOR NEW LOCATION.
- INSTALL CO2 SENSOR COMPATIBLE WITH NOVAR SYSTEM. MOUNT SENSOR AT 6' AFF.
- USE 60° SHOE TAP FOR DUCT CONNECTION.
- PROVIDE RIGID DUCTWORK ALL THE WAY TO DIFFUSER. REFER TO DETAIL 6.M.300.
- BALANCE DROP BOX DIFFUSER TO CFM INDICATED IN ROOFTOP UNIT SCHEDULE MINUS THE BRACH TAKE-OFF CFMS.
- MOUNT TOP OF DUCTWORK TIGHT TO BOTTOM OF JOISTS.
- EXISTING TEMPERATURE SENSOR TO REMAIN AND BE RE-USED.
- NEW SPLIT SYSTEM. ROUTE DX PIPING UP TO ASSOCIATED CU-I ON ROOF. COORDINATE WITH PLUMBING CONTRACTOR FOR CONDENSATE ROUTING AND CONDENSATE PUMP. MOUNT INDOOR UNIT ON WALL (BOTTOM AT 8'-6" AFF). REFER TO DETAIL 8.M.300 OR MORE INFORMATION.
- EXISTING UNIT HEATER TO REMAIN AND BE RE-USED.
- MOUNT BOTTOM OF SUPPLY DIFFUSER AT 10'-7" A.F.F. COORDINATE WITH STRUCTURAL FRAMING.
- PROVIDE IN-LINE EXHAUST FAN SUPPORT FAN FROM STRUCTURE ABOVE WITH STEEL CHANNEL AND THREADED ROD WITH VIBRATION ISOLATORS. MOUNT BOTTOM OF FAN AT 12'-0" ABOVE FINISHED FLOOR. PROVIDE FLEXIBLE CONNECTORS ON THE INLET AND DISCHARGE DUCT CONNECTIONS. TRANSITION FROM FAN DISCHARGE TO DUCT SIZE SHOWN AND EXTEND UP THRU ROOF TO JACK, STORM COLLAR, AND ALL-WEATHER CAP. REFER TO DETAIL 5.A.4.301.
- CONNECT DUCT TO OWNER FURNISHED ROPE CUTTER.
- CONDENSATE DRAIN LINE FROM AC-1. PROVIDE WITH CONDENSATE PUMP AND ROUTE 3/4" CONDENSATE DRAIN TO NEAREST SERVICE SINK. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION. CONDENSATE LINE TO DROP DOWN INTO WALL AND DISCHARGE INTO SERVICE SINK WITH AIR GAP.
- EXISTING DUCTWORK TO REMAIN AND BE RE-USED.
- INSTALL BAS TEMPERATURE SENSOR AT 6' AFF.
- PROVIDE GAS FIRED UNIT HEATER AND SUSPEND HEATER FROM STRUCTURE ABOVE WITH STEEL CHANNEL AND ALL-THREAD ROD. MOUNT BOTTOM OF UNIT HEATER AT 10'-0" AFF. PROVIDE VENT WITH SIDEWALL VENT TERMINATION KIT AND INSTALL IN ACCORDANCE WITH UNIT HEATER MANUFACTURER'S INSTRUCTIONS. TERMINATE VENT PER CODE, AND A MINIMUM OF 10'-0" ABOVE GRADE.
- THERMOSTAT TO BE SET TO 72 DEGREES F. CONNECT TO NOVAR TO ALLOW FOR MONITORING.
- BALANCE EXISTING DIFFUSER/GRILLE TO PLAN SPECIFIED CFM.
- PROVIDE NEW ROOF MOUNTED EXHAUST FAN ON EXISTING ROOF CURB. PROVIDE ADAPTICE CURB AS NECESSARY.
- FURNISH AND INSTALL 8" VENT DUCTWORK FROM DRYER UP THRU ROOF. INSTALL AND TERMINATE VENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- CAP EXISTING DUCTWORK/GRILLE.
- MOUNT BOTTOM OF GRILLE AT 17' A.F.F.

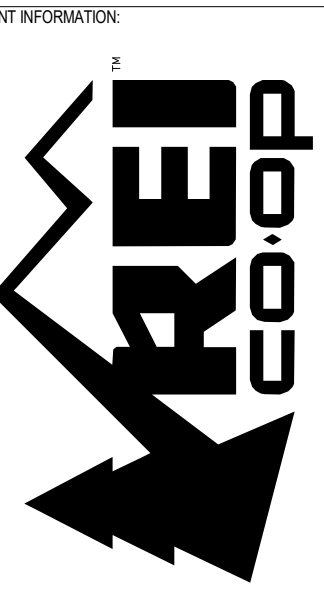


1 1ST FLOOR PLAN - MECHANICAL
M-100 SCALE: 1/8" = 1'-0"
MECHANICAL

REV	DATE	DESCRIPTION
1	11/08/2021	BID SET
2	12/20/2021	BULLETIN 2
3	1/14/2022	ISSUED FOR CONSTRUCTION
4	2/16/2022	BULLETIN 4

FLOOR PLAN - MECHANICAL

M-100



CLIENT INFORMATION:
PROJECT INFORMATION:
CALLISONRTKL
Legal Entity:
Building Name:
City, State, Zip:
XXX-XXXXXX



PROJECT INFORMATION:
REI-GLENWOOD SPRINGS
3300 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601

ISSUING/ISSUANCE LOG:

REV	DATE	DESCRIPTION
1	1/08/2021	BID SET
2	12/20/2021	BULLETN 2
3	1/14/2022	ISSUED FOR CONSTRUCTION
4	2/16/2022	BULLETN 4

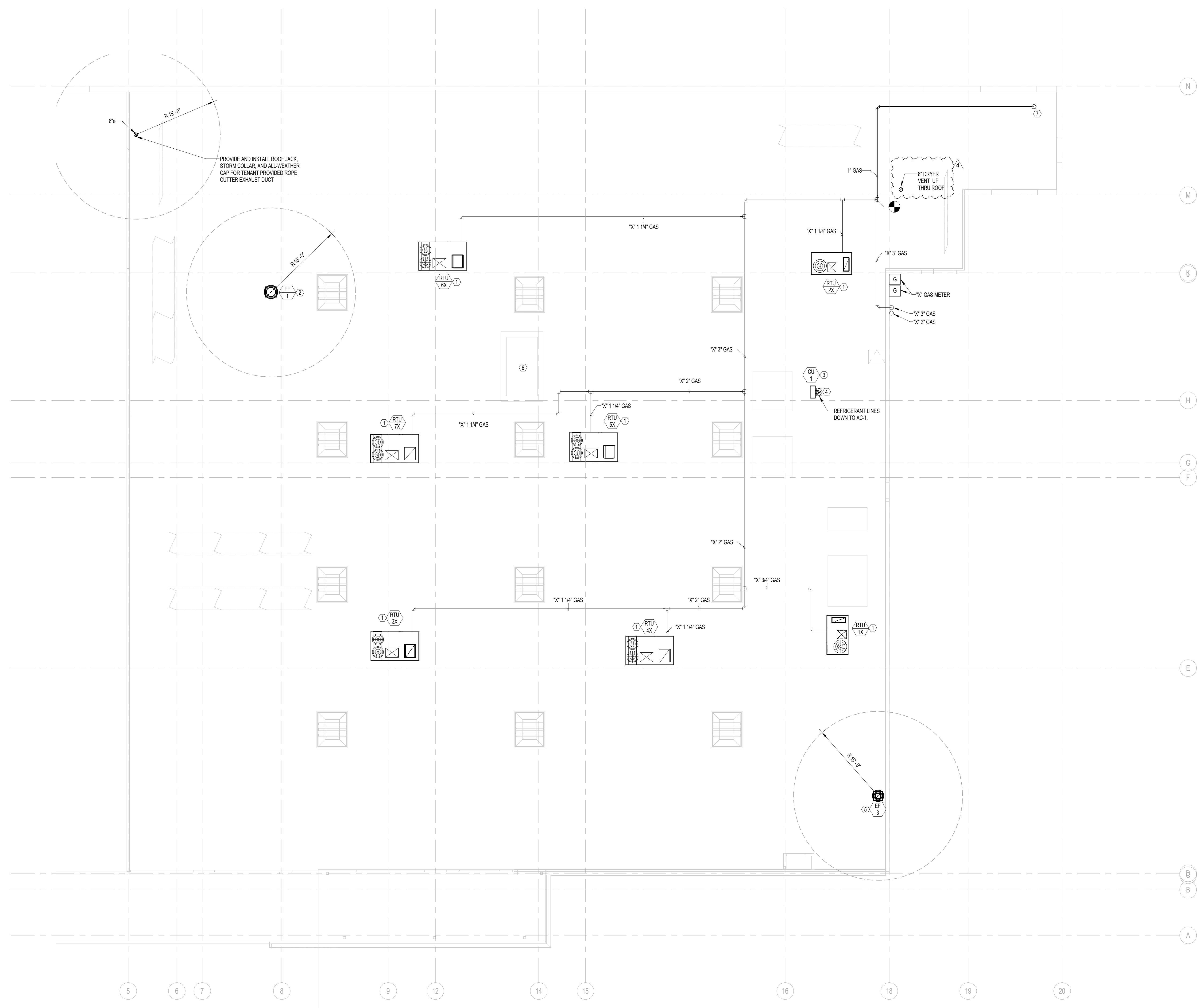
SHEET TITLE:
ROOF PLAN - MECHANICAL
SHEET NUMBER:
M-101

MECHANICAL GENERAL NOTES

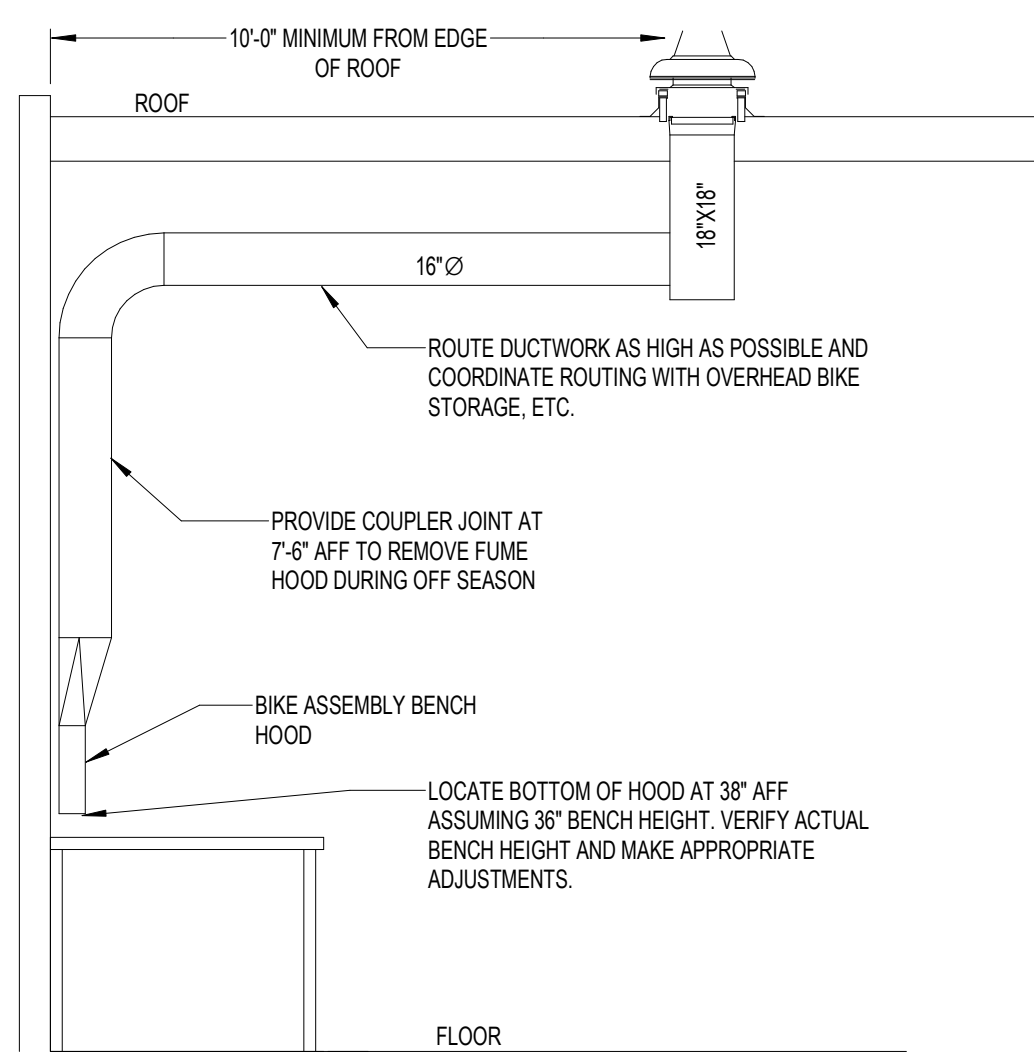
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- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- EXHAUST OUTLETS SHALL BE LOCATED A MINIMUM OF 15'-0" FROM ANY OUTSIDE AIR INTAKES.
- PROVIDE LABEL ON EACH ROOFTOP UNIT WHICH CLEARLY STATES "RTU-#". UNIT NUMBER SHALL MATCH NUMBER SHOWN ON PLAN. TEXT SHALL BE 4" HELIX, MED.
- THE LOCATION OF EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON SITE OBSERVATIONS AND THE BEST AVAILABLE INFORMATION AT THE TIME OF DRAWING PREPARATION AND SOME DISCREPANCIES MAY EXIST. VERIFY EXACT LOCATIONS OF EQUIPMENT TO BE REMOVED IN THE FIELD AND REQUEST CLARIFICATION FROM THE ENGINEER WHEN LOCATION OR EXISTENCE DIFFERS FROM PLANS.
- INSTALL ALL METAL DUCTS SUPPORTS AND SPACING ON THE PLANS IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

MECHANICAL KEY NOTES

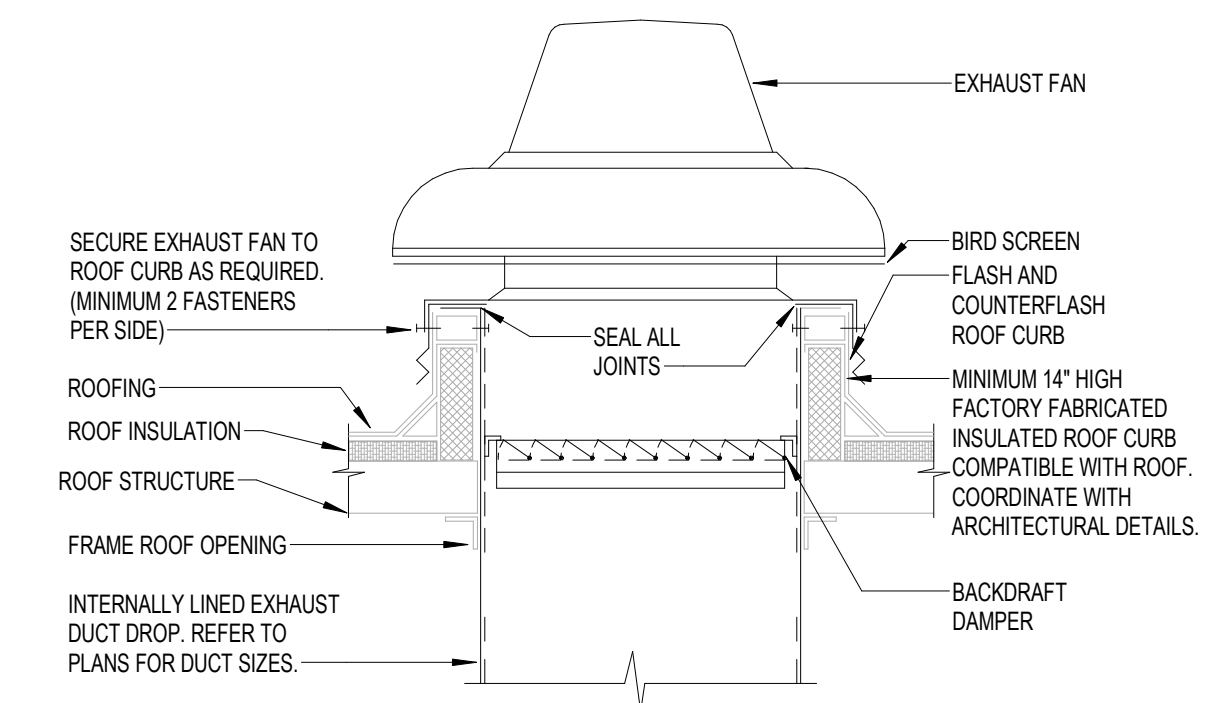
- EXISTING ROOFTOP UNIT AND ASSOCIATED GAS PIPING TO REMAIN AND BE RE-USED. BALANCE AS PER SCHEDULE. CONTRACTOR TO VERIFY LOCATION IN FIELD AND ADJUST DUCTWORK AS NECESSARY FOR COMPLETE INSTALLATION. PROVIDE ROUTINE MAINTENANCE, INCLUDING BUT NOT LIMITED TO, CHANGING FILTERS & BELTS, RECHARGING REFRIGERANT, ETC.
- PROVIDE ROOF MOUNTED EXHAUST FAN ON FACTORY FABRICATED ROOF CURB. REFER TO DETAIL 2A.300.
- PROVIDE CODE APPROVED ROOFTOP STAND SIZED BY MANUFACTURER FOR ROOFTOP EQUIPMENT. INSTALL PER MANUFACTURER'S INSTRUCTION.
- LIQUID/SUCTION LINES DOWN TO AC UNITS. PROVIDE ROOF PENETRATIONS AND BOOT (MODEL TO BE PATE PCC-3 OR SIMILAR).
- PROVIDE NEW ROOF MOUNTED EXHAUST FAN ON EXISTING ROOF CURB. PROVIDE ADAPTIVE CURB AS NEEDED.
- EXISTING RELIEF HOOD TO BE ABANDONED IN PLACE. DUCTWORK TO BE DEMO BACK TO ROOF AND CAPPED.
- ROUTE 1" GAS DOWN BELOW ROOF TO CONNECT TO UNIT HEATER.



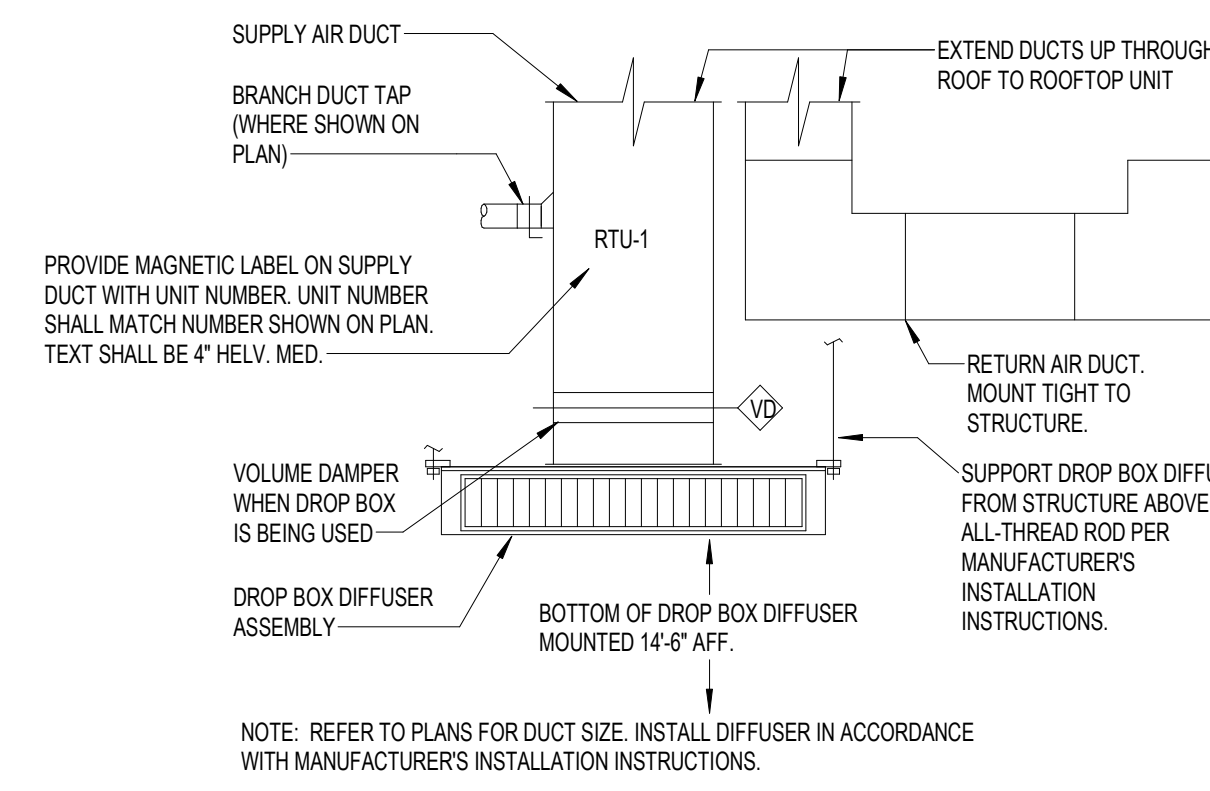
1 ROOF PLAN - MECHANICAL
M-101 SCALE: 1/8" = 1'-0"
MECHANICAL



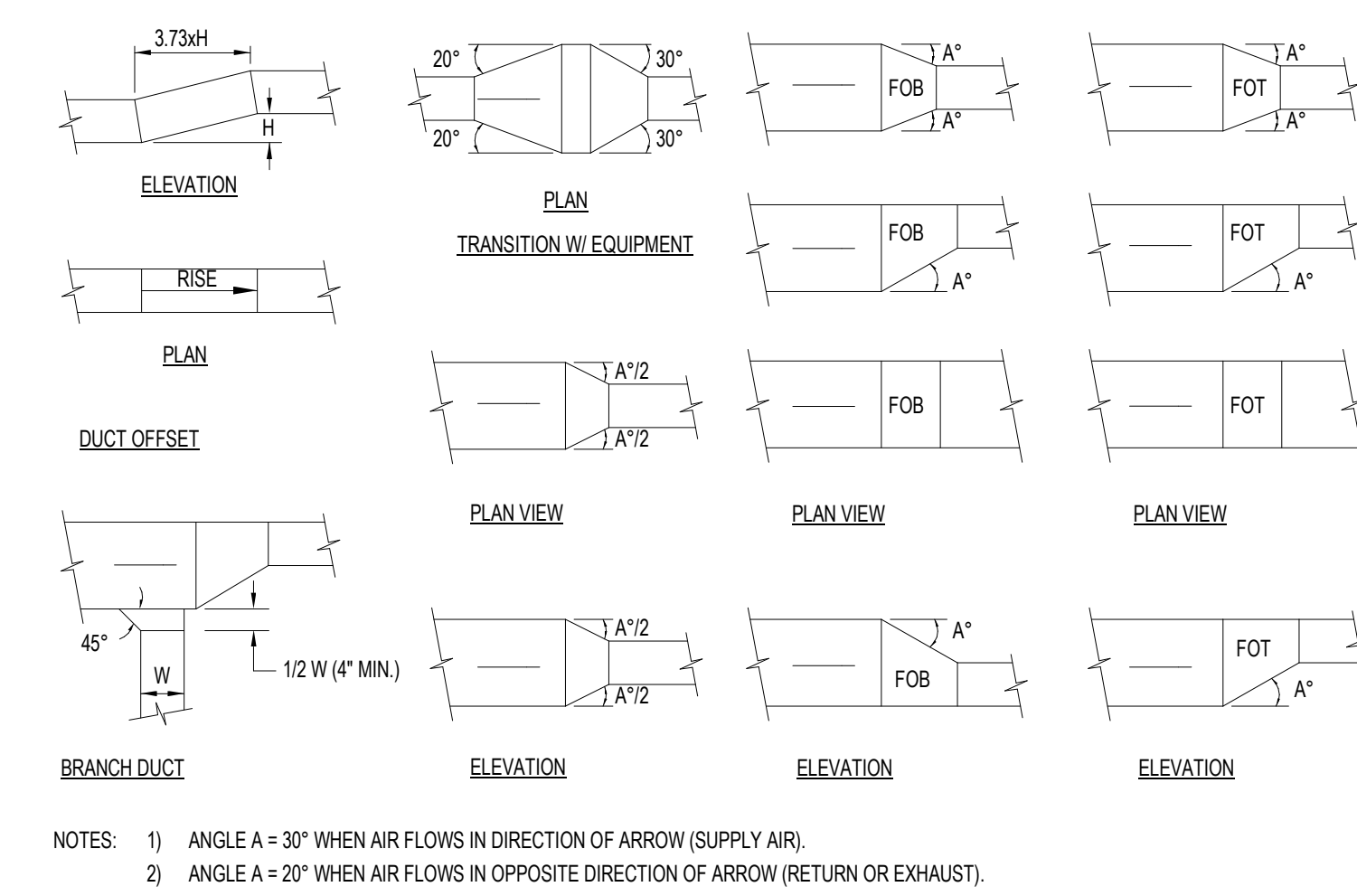
1 BIKE ASSEMBLY EXHAUST
M-300 NO SCALE MECHANICAL



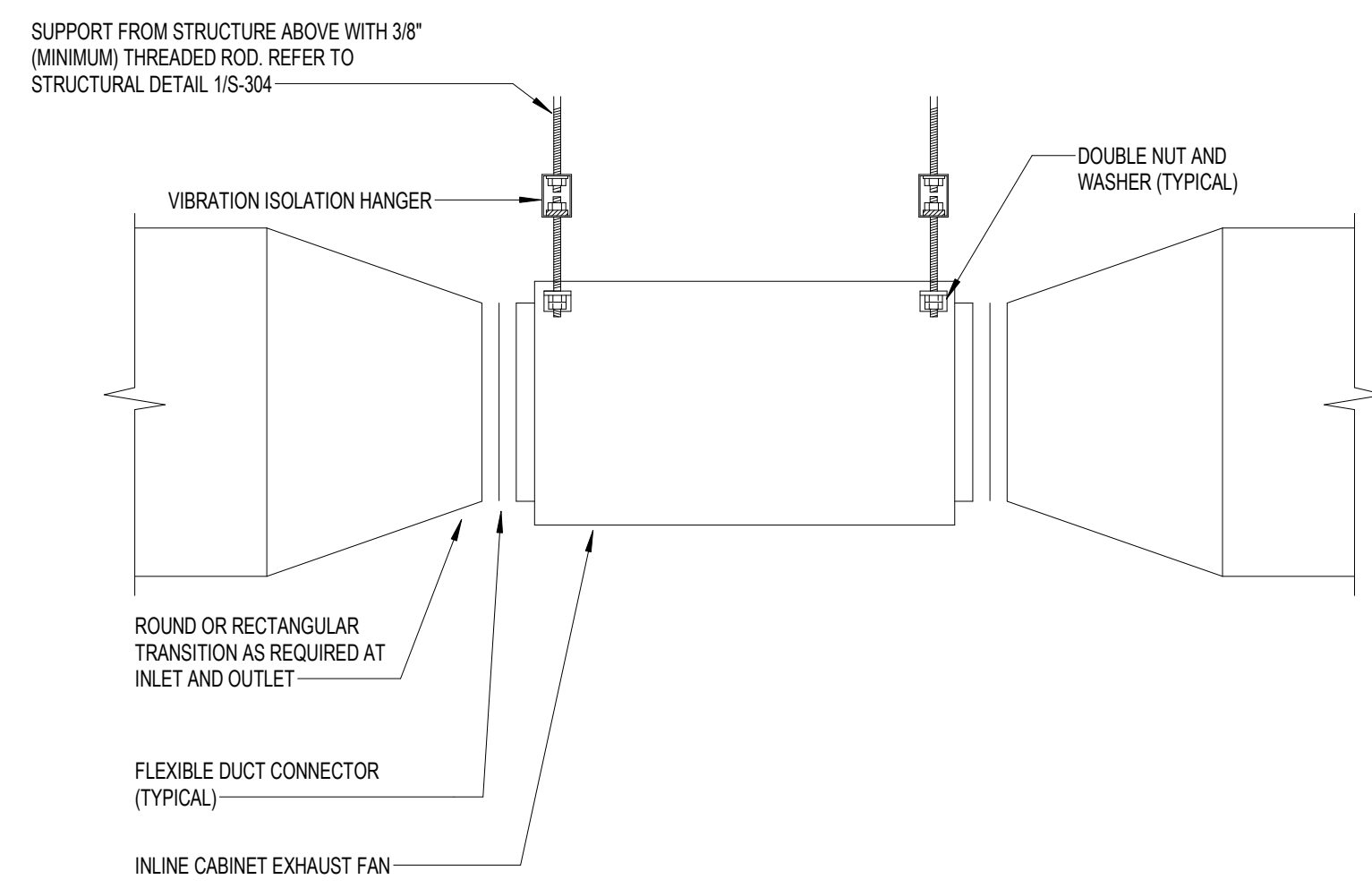
2 ROOF MOUNTED EXHAUST FAN
M-300 NO SCALE MECHANICAL



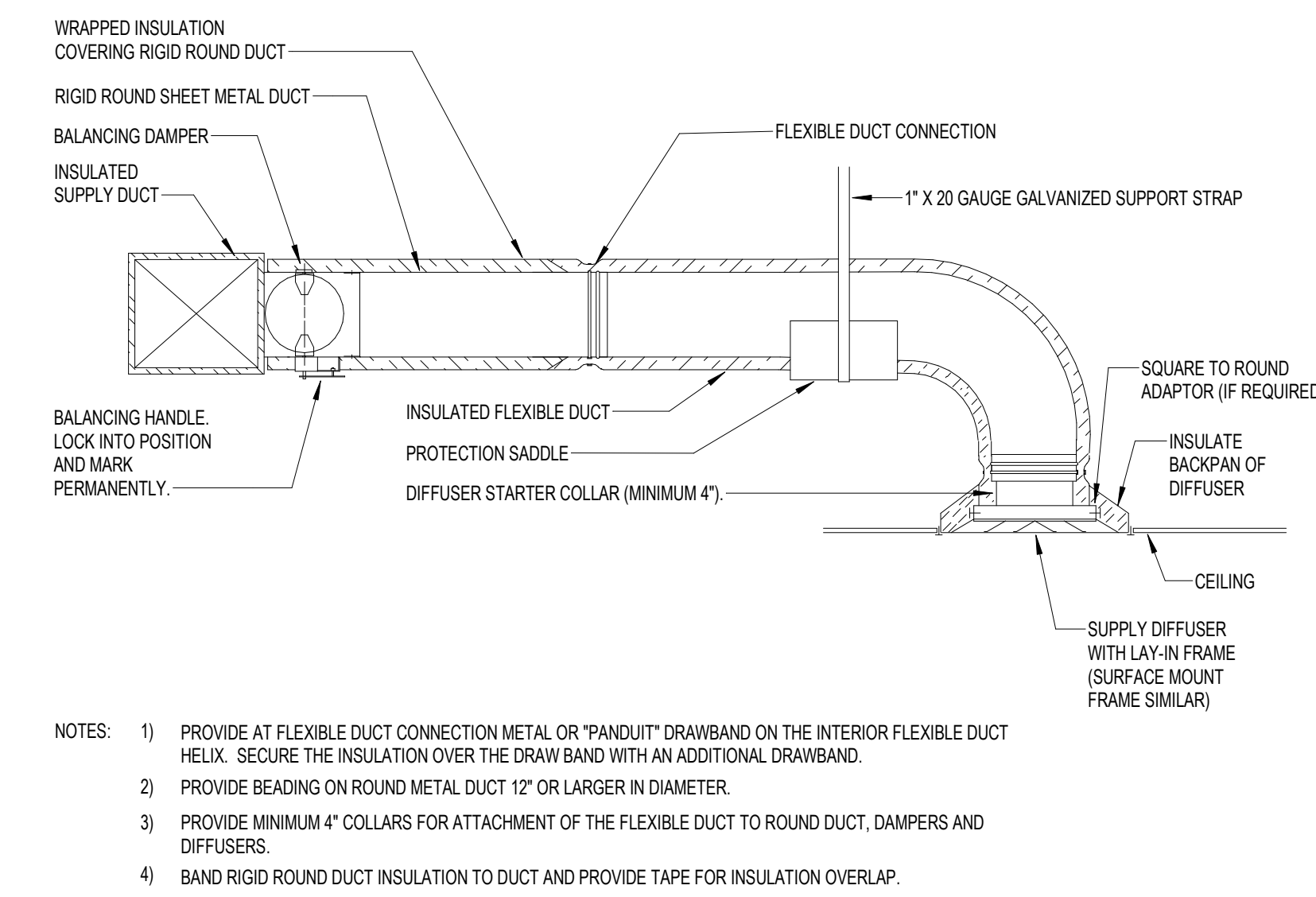
3 DROP BOX DIFFUSER
M-300 NO SCALE MECHANICAL



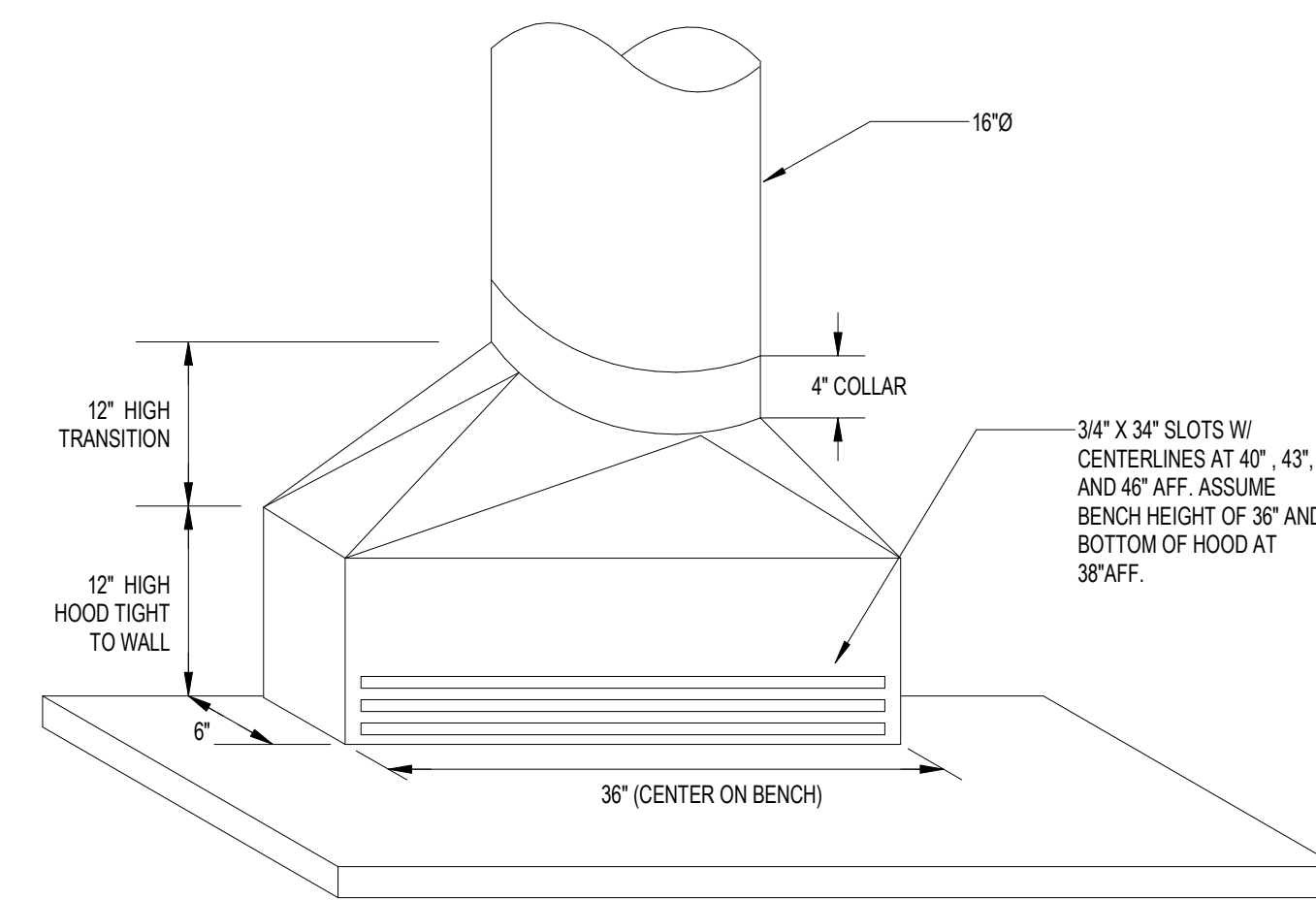
4 LOW VELOCITY DUCT FITTINGS
M-300 NO SCALE MECHANICAL



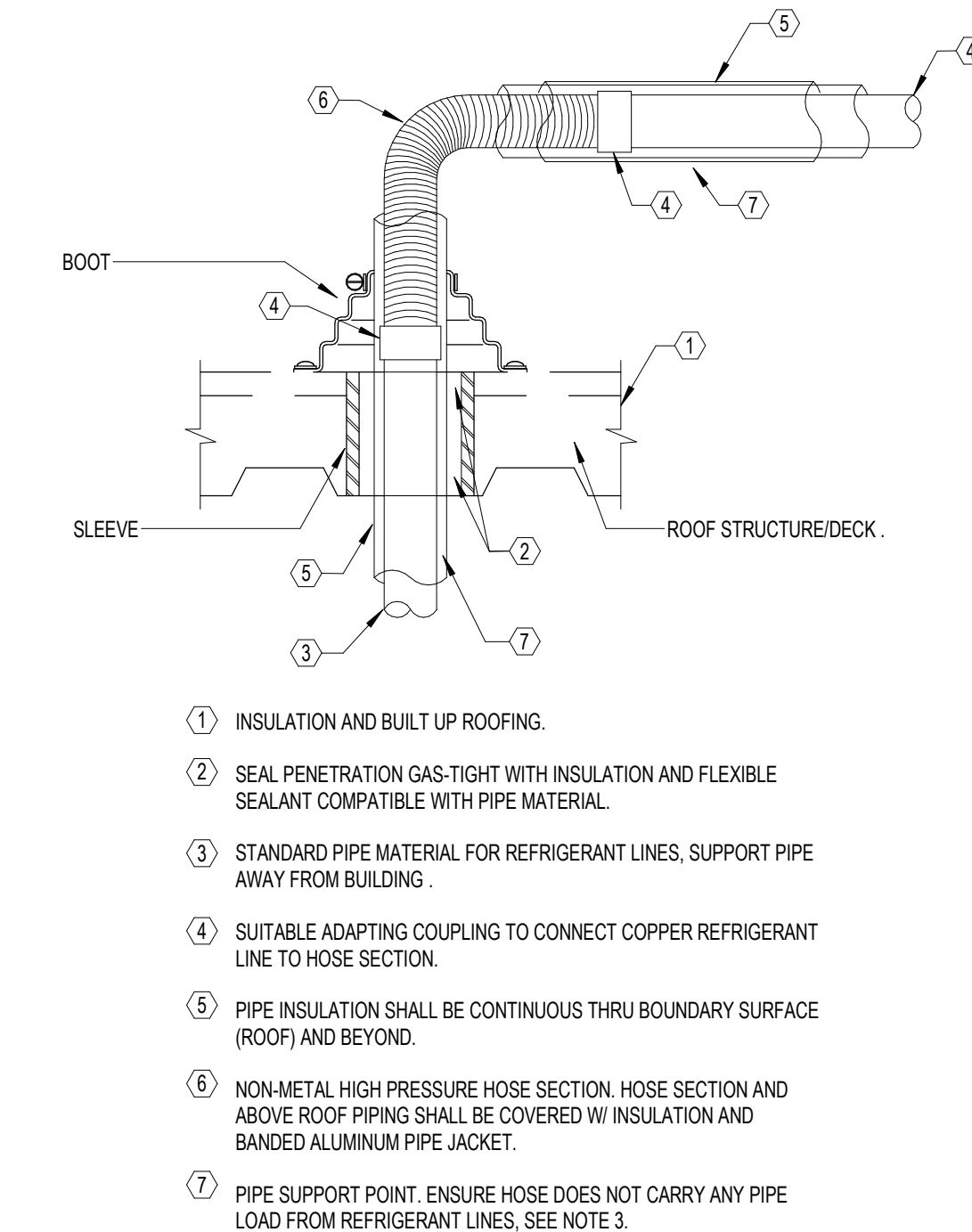
5 INLINE CABINET FAN
M-300 NO SCALE MECHANICAL



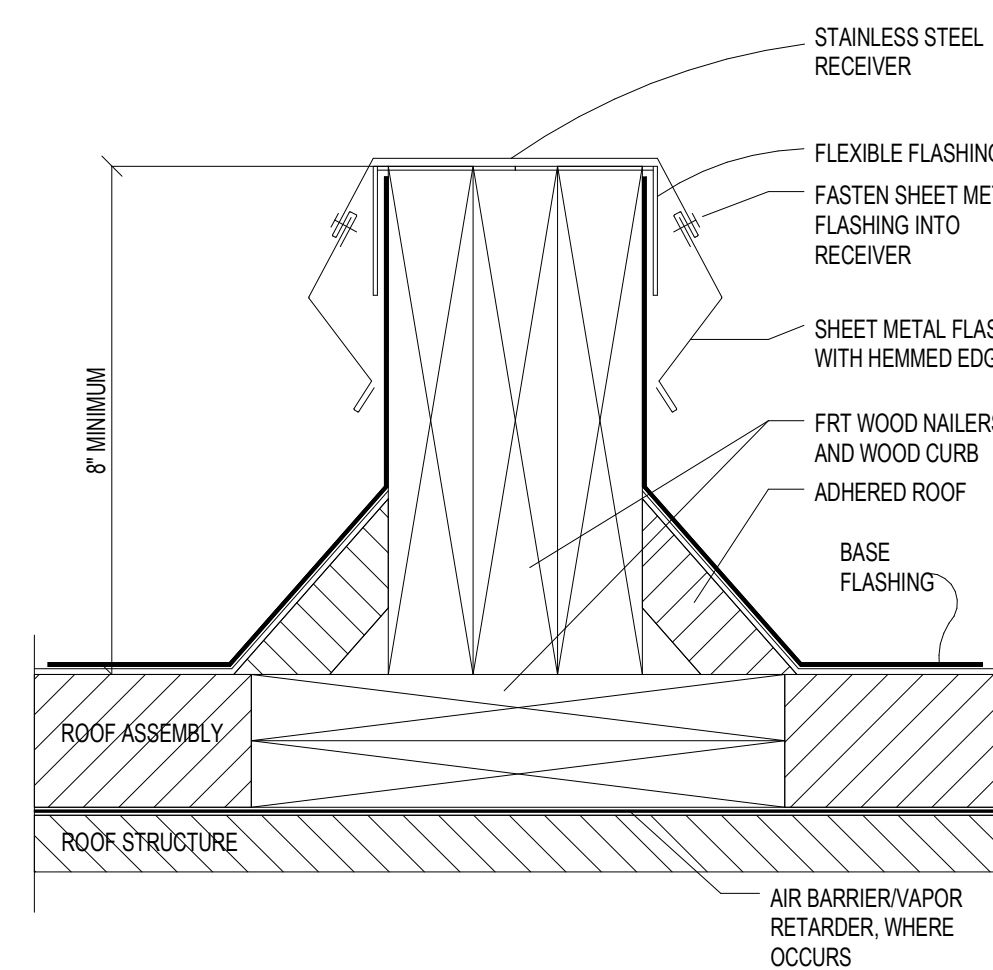
6 DIFFUSER CONNECTION
M-300 NO SCALE MECHANICAL



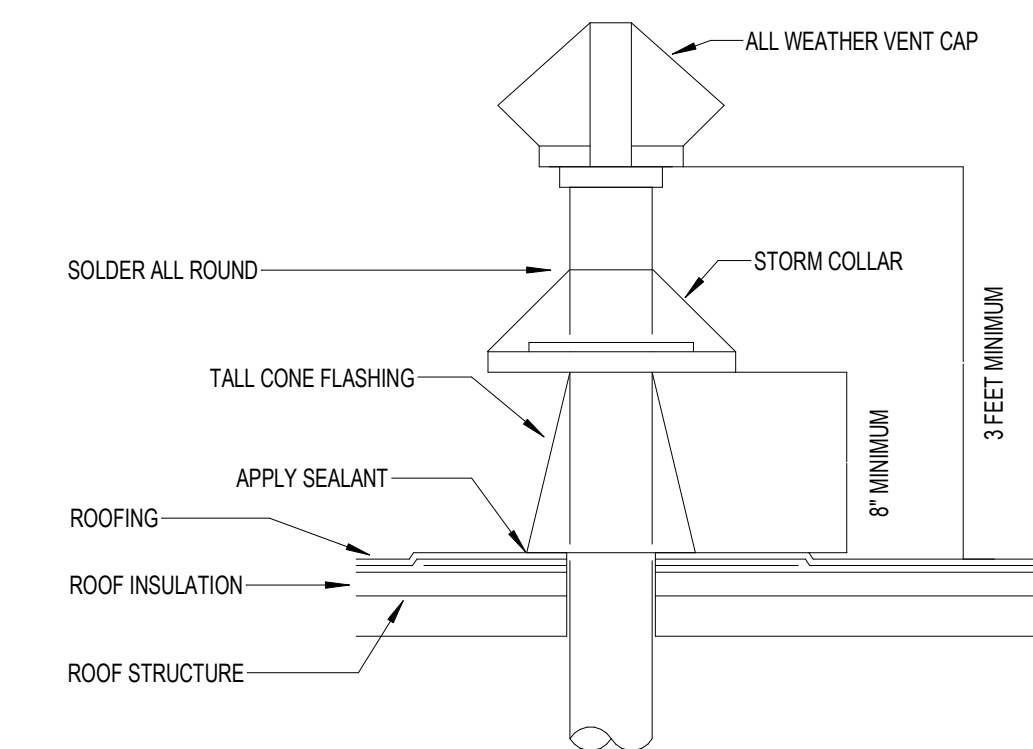
7 BIKE ASSEMBLY BENCH CURB
M-300 NO SCALE MECHANICAL



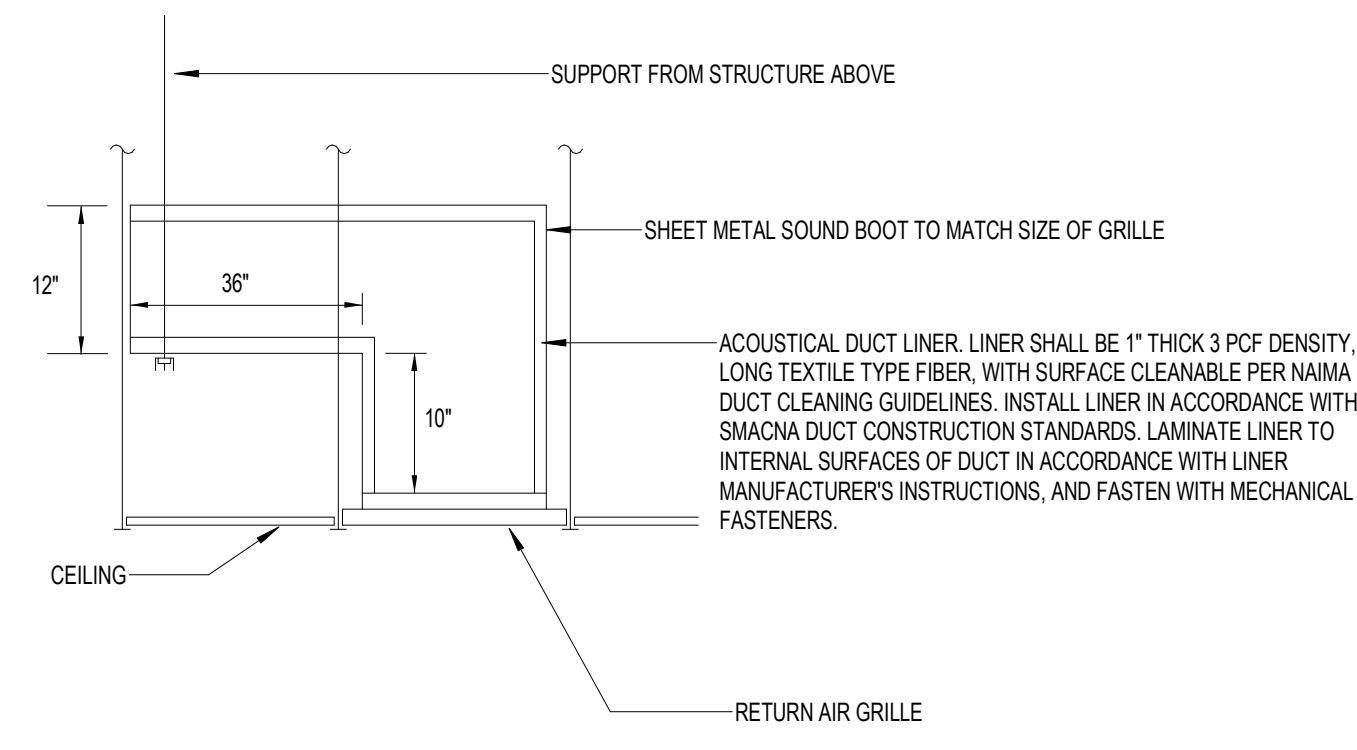
8 REFRIGERANT LINE DETAIL
M-300 NO SCALE MECHANICAL



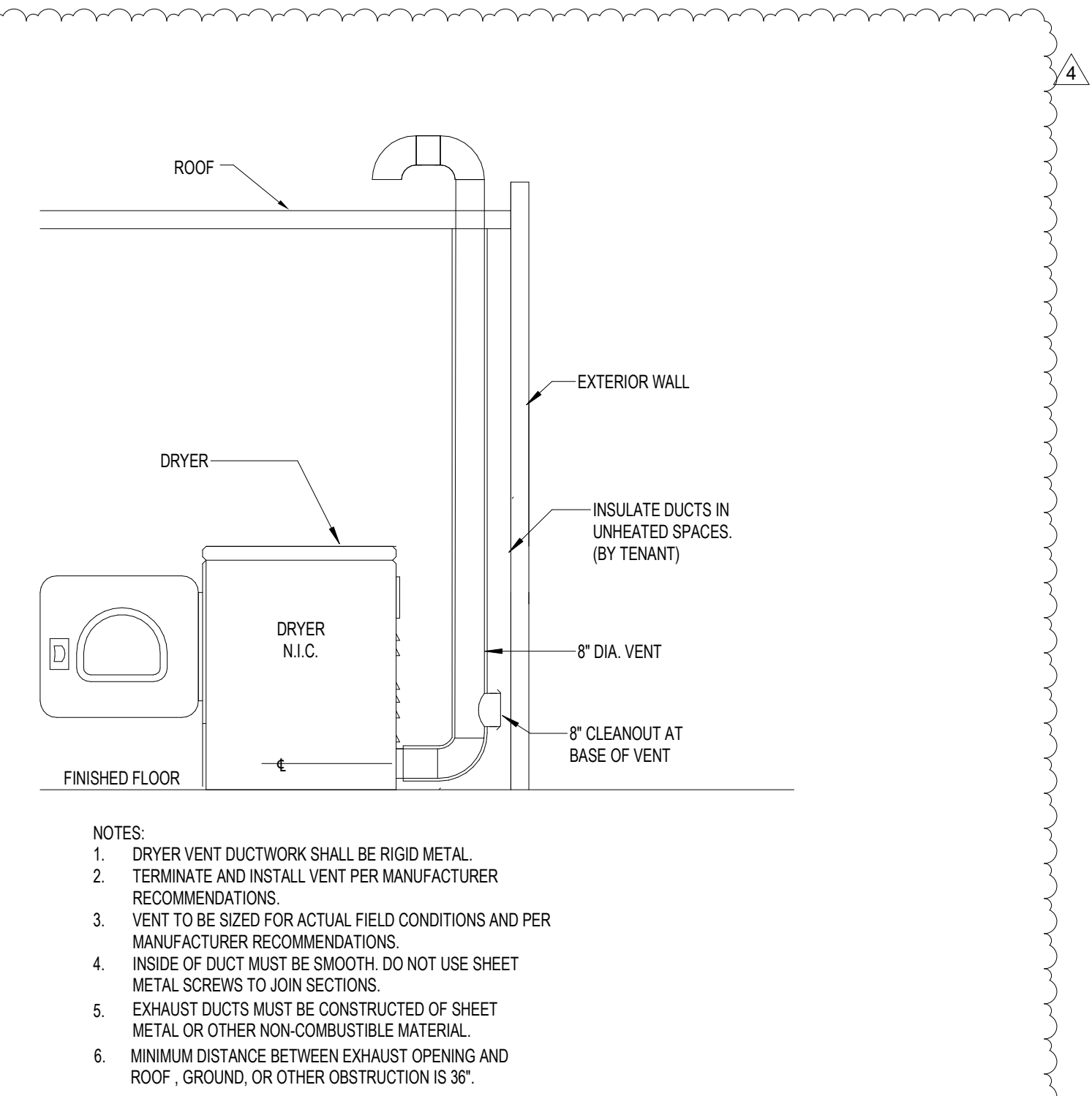
9 CONDENSING UNIT CURB
M-300 NO SCALE MECHANICAL



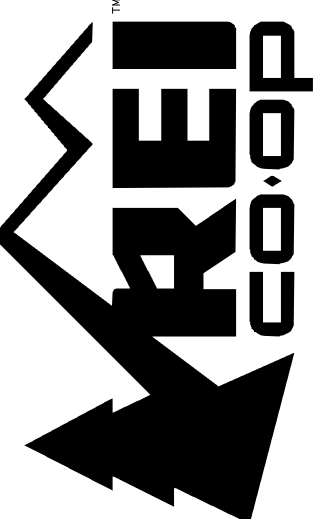
10 DUCT THRU ROOF
M-300 NO SCALE MECHANICAL



11 RETURN GRILLE SOUND BOOT
M-300 NO SCALE MECHANICAL



12 DRYER VENTILATION
M-300 NO SCALE MECHANICAL



CALLISON|TKL
Legal Entity
Building Name
City, State, Zip
XX-XXXXXX



REI-GLENWOOD SPRINGS
3300 SOUTH GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601

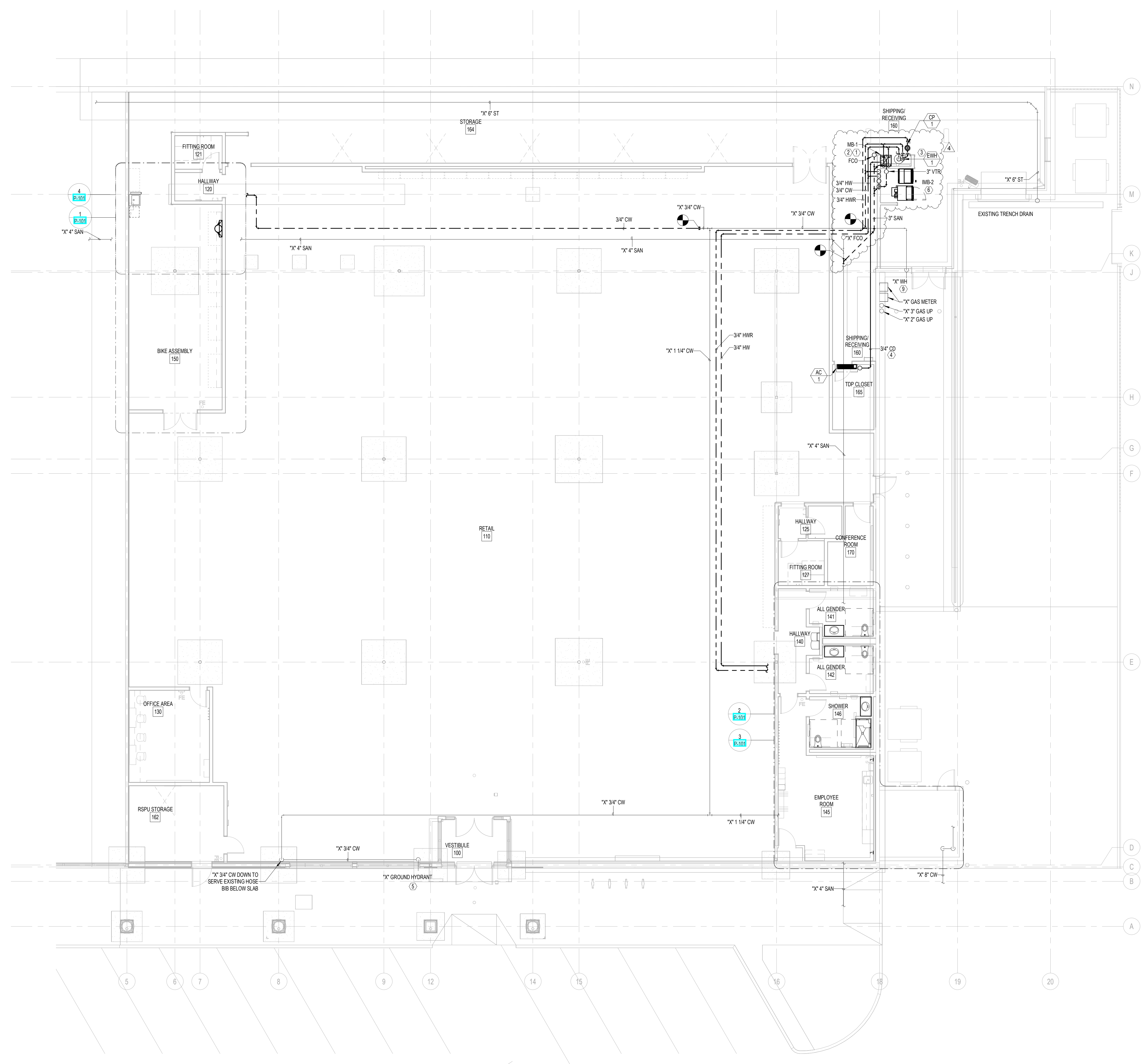
PLUMBING SHEET LIST	
P-100	1ST FLOOR DEMOLITION PLAN - PLUMBING
P-200	PLUMBING SYMBOLS, SCHEDULES, & DETAILS
P-101	RISER DIAGRAMS - PLUMBING
P-102	ENLARGED PLANS - PLUMBING
P-100	1ST FLOOR PLAN - PLUMBING

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, DRIPS, AND OFFSETS, AS REQUIRED FOR FIELD RELATION 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 SP-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.
- INSTANTANEOUS WATER HEATER SHALL NOT ENDOACH INTO ACCESSIBLE CLEARANCE REQUIREMENTS AT THE SINK/LAVATORIES.
- PROVIDE ACCESS PANELS TO SHUT-OFF/CONTROL VALVES LOCATED ABOVE DRYWALL CEILING OR BEHIND WALL WHERE NECESSARY. COORDINATE LOCATION WITH ARCHITECT.

PLUMBING KEY NOTES

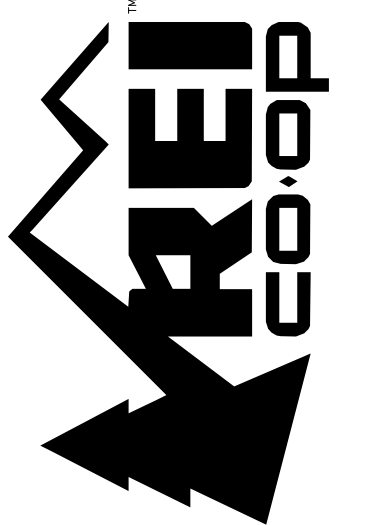
- 3" SANITARY CONNECTION TO SERVICE MOP BASIN WITH P-TRAP IN WALL. 4" SANITARY DOWN TO BELOW FLOOR AND 2" VENT UP TO ABOVE CEILING.
- PROVIDE 3/4" COLD WATER AND HOT WATER SUPPLY WITH STOP TO MOP BASIN.
- PROVIDE AND INSTALL WATER HEATER AND EXPANSION TANK PER DETAIL 3/P-200 AND 4/P-200. WATER HEATER TO BE MOUNTED ON A PLATFORM, WITH THE BOTTOM OF THE PLATFORM A MINIMUM OF 10" AFF. ROUTE DISCHARGE TO NEAREST MOP BASIN.
- CONDENSATE DRAIN LINE FROM AC-1. PROVIDE WITH CONDENSATE PUMP (DAIKIN PART #DACA-CP3-1) AND ROUTE 3/4" CONDENSATE DRAIN TO NEAREST MOP BASIN. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION. CONDENSATE LINE TO DROP DOWN INTO WALL AND DISCHARGE INTO MOP BASIN WITH AIR GAP.
- EXISTING GROUND HYDRANT TO REMAIN.
- INSTALL MB-2 PER MANUFACTURER'S RECOMMENDATION. EXTEND 1/2" COLD AND HOT WATER SUPPLIES FROM ABOVE AND ROUTE DOWN IN WALL TO WASHER. EXTEND 2" VENT UP TO ABOVE CEILING AND 3" SAN DOWN TO SANITARY MAN AS SHOWN.



1 1ST FLOOR PLAN - PLUMBING
 P-100 SCALE: 1/8" = 1'-0"
 PLUMBING

REV	DATE	DESCRIPTION
1	11/08/2021	BID SET
2	1/14/2022	ISSUED FOR CONSTRUCTION
4	2/16/2022	BULLETIN 4

SHEET TITLE
 1ST FLOOR PLAN - PLUMBING
 SHEET NUMBER
 P-100



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JOB NO: 21173

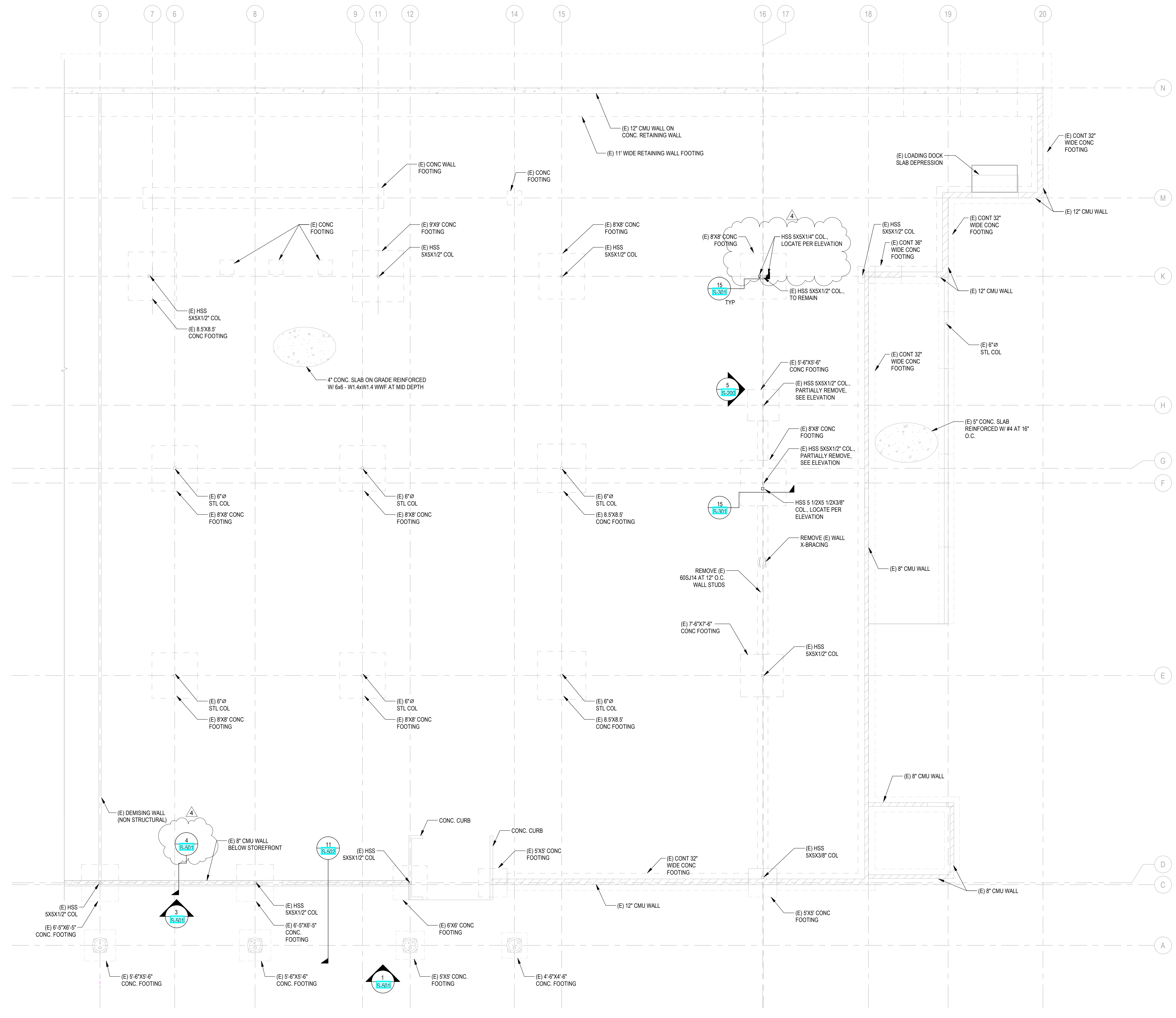
REI-GLENWOOD SPRINGS
3216 S. GLEN AVENUE
GLENWOOD SPRINGS,
CO. 81601



REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	11/08/21	BID SET
3	12/20/21	BULLETIN #2
4	01/14/22	CONSTRUCTION SET
5	02/16/22	BULLETIN #4

LEVEL 1 - STRUCTURAL PLAN

S-111



LEVEL 1 - STRUCTURAL PLAN
SCALE: 1/8" = 1'-0"

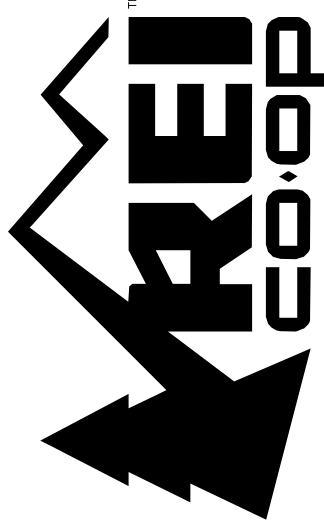
PLAN NORTH

- PLAN NOTES:**
- (E) NON STRUCTURAL INTERIOR PARTITION WALLS NOT SHOWN, UNO.
 - SEE DET. 1S-301 FOR REINFORCEMENT BENDING SCHEDULE
 - SEE DET. 3S-301 FOR TYP. ANCHOR BOLTS
 - SEE DET. 4S-301 FOR TYP. BEAM STRUT/SHOOP ASSEMBLY
 - SEE DET. 5S-301 FOR TYP. SLAB ON GRADE JOINTS
 - SEE DET. 6S-301 FOR TYP. COLUMN BLOCKOUT
 - SEE DET. 6S-301 FOR TRENCH AT (E) SLAB ON GRADE
 - SEE DET. 13S-301 FOR REINF. DEVELOPMENT & SPLICE SCHEDULE
 - SEE DET. 15S-301 FOR TYP. INTERIOR COLUMN TO SPREAD FOOTING CONN.

NOTE:
SPECIAL INSPECTION APPLIES TO THIS PROJECT PER THE GENERAL NOTES. IF THE SPECIAL INSPECTIONS LISTED ARE NOT PROVIDED, TESTING OR REWORK WILL BE REQUIRED FOR FINAL SIGN OFF.

NOTE:
ALL DIMENSIONS SHOWN ON THESE STRUCTURAL PLANS ARE FOR GENERAL REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER IMMEDIATELY.

NOTE:
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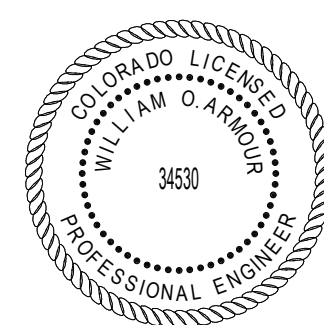


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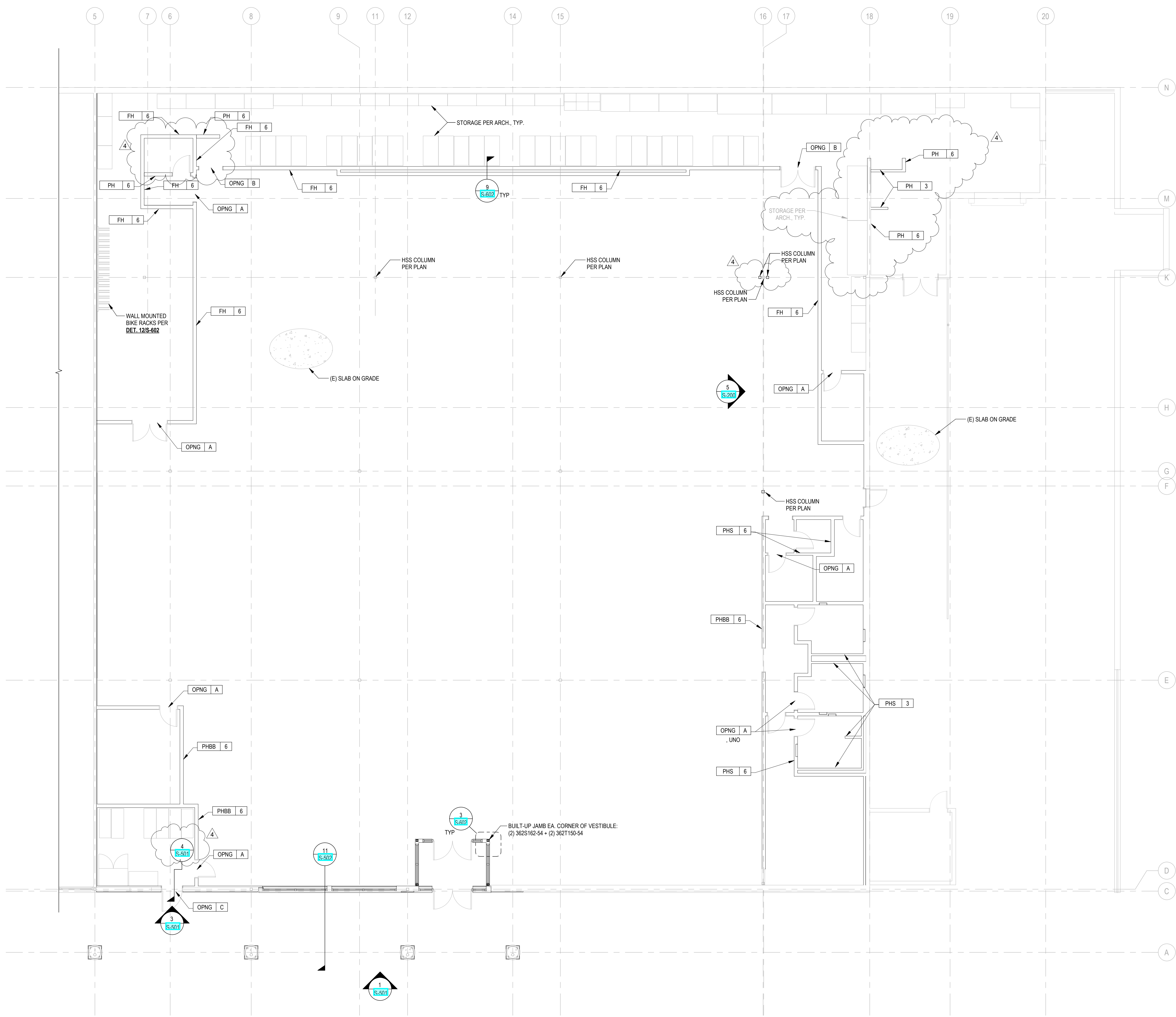
REI-GLENWOOD SPRINGS
3216 S. GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601



REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
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LEVEL 1 - FLOOR PLAN

S-112



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

PLAN NOTES:

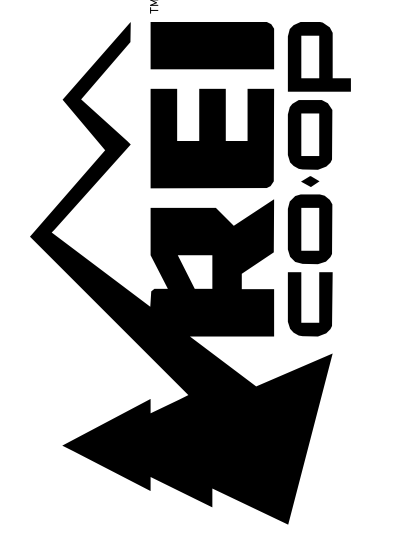
- SEE SHEETS S-201 FOR STRUCTURAL GENERAL NOTES, ABBREVIATIONS AND REQUIRED SPECIAL INSPECTIONS.
- CONCRETE CURB (DETAIL S-S-311) LOCATION PER ARCH.
- INTERIOR WALL PARTITION KEY:

FH	XX	FULL HT. PARTITION WALL, DETAIL S-S-601
PH	XX	PARTIAL HT. WALL, DETAIL S-S-601
PHBB	XX	PARTIAL HT. WALL BOX BEAM BRACED, DETAIL 16/S-602
PHS	XX	PARTIAL HT. STAND-ALONE WALL, DETAIL 19/S-602
OPNG	XX	WALL OPENING, DETAIL 12/S-601

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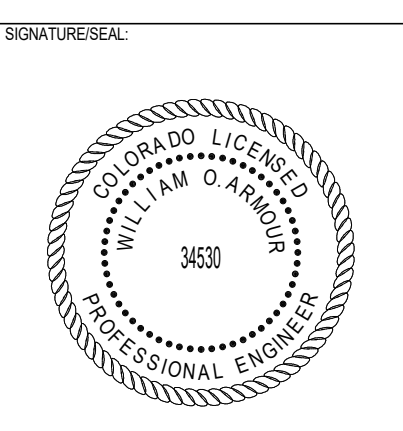
NOTE:
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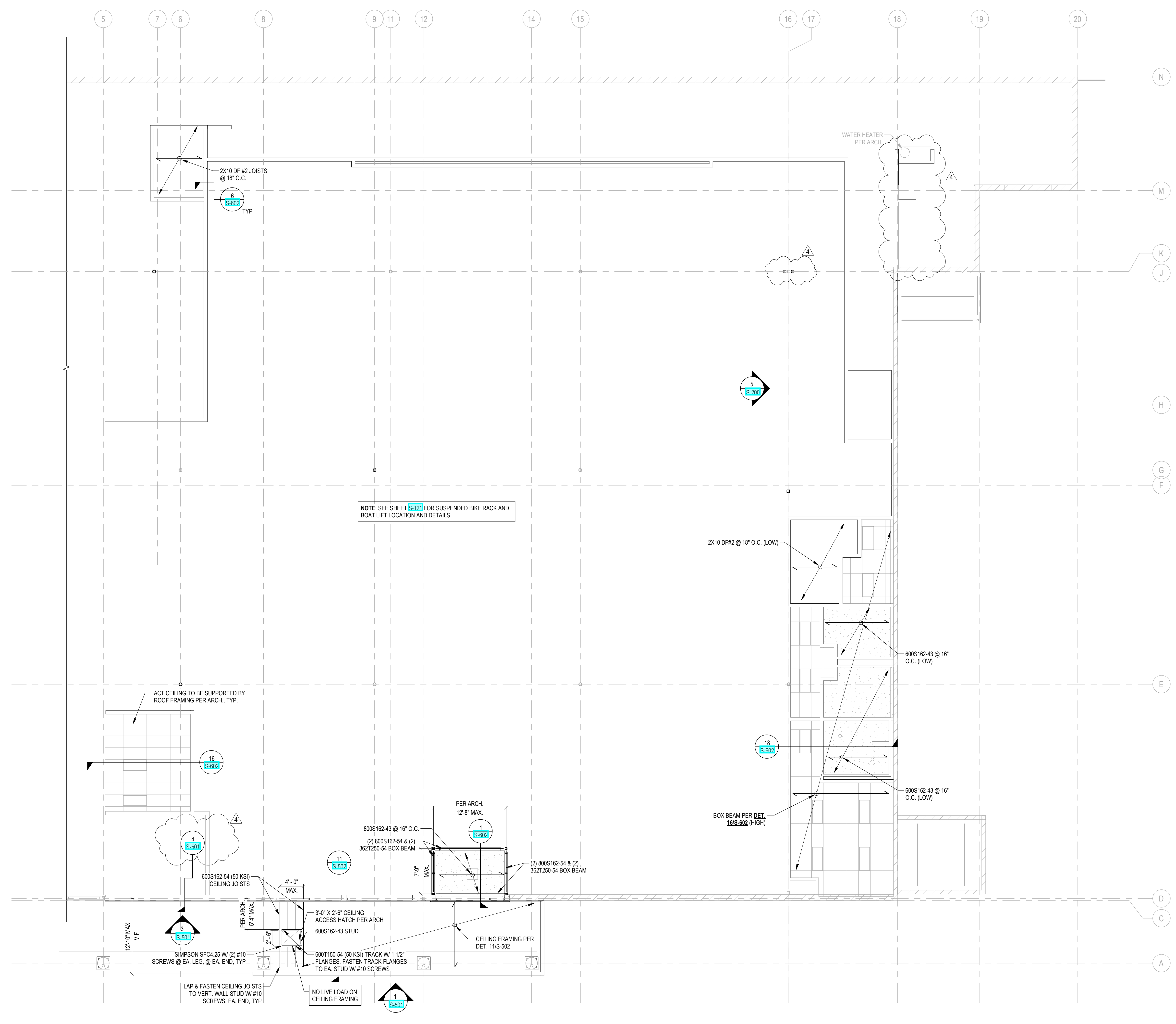
PROJECT INFORMATION
REI-GLENWOOD SPRINGS
3216 S. GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601



DRAWING REVISION LOG

REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
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4	01/14/22	CONSTRUCTION SET
5	02/16/22	BULLETIN #4

SHEET TITLE
REFLECTED CEILING PLAN
SHEET NUMBER
S-113



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

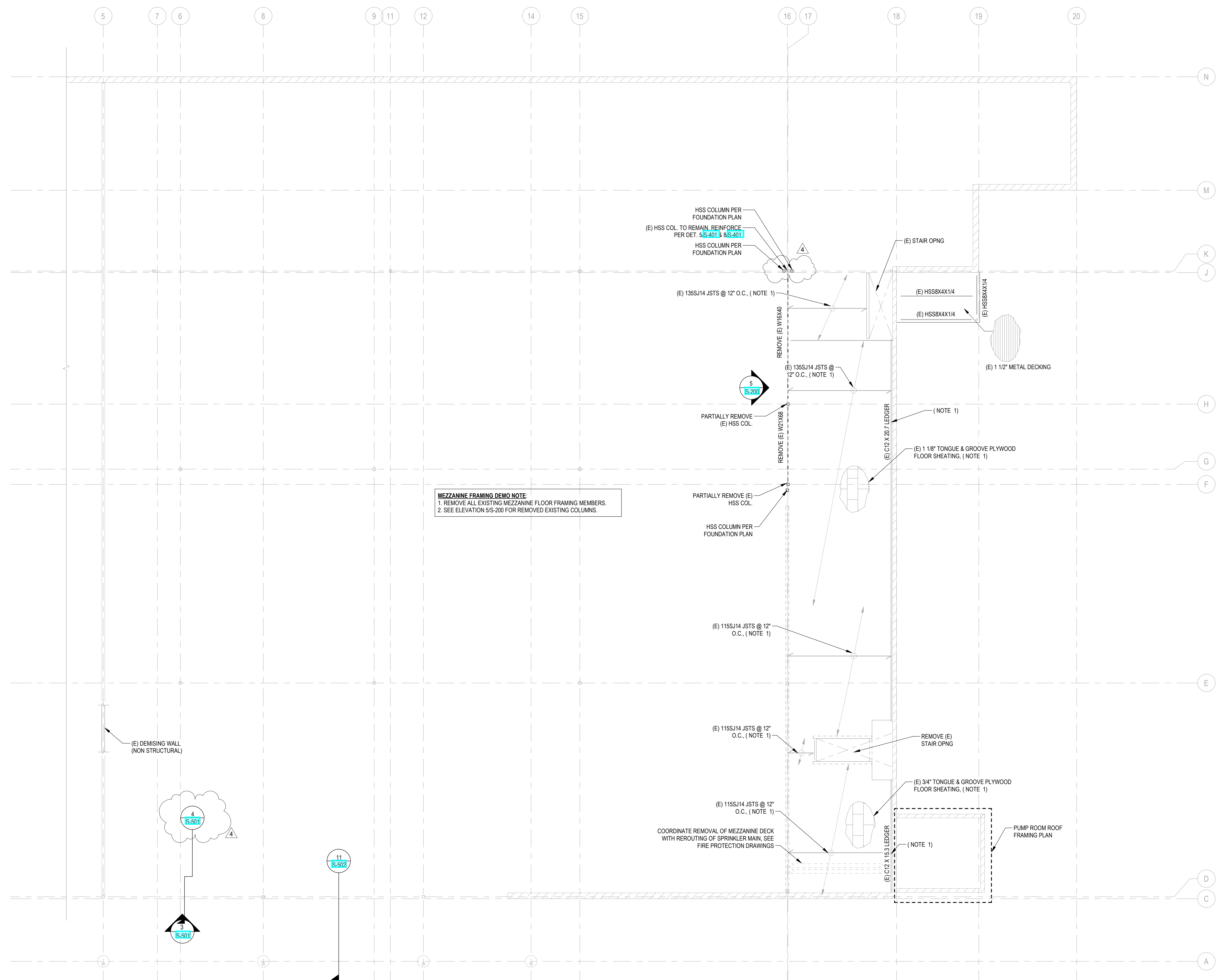
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ISSUANCE LOG

REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
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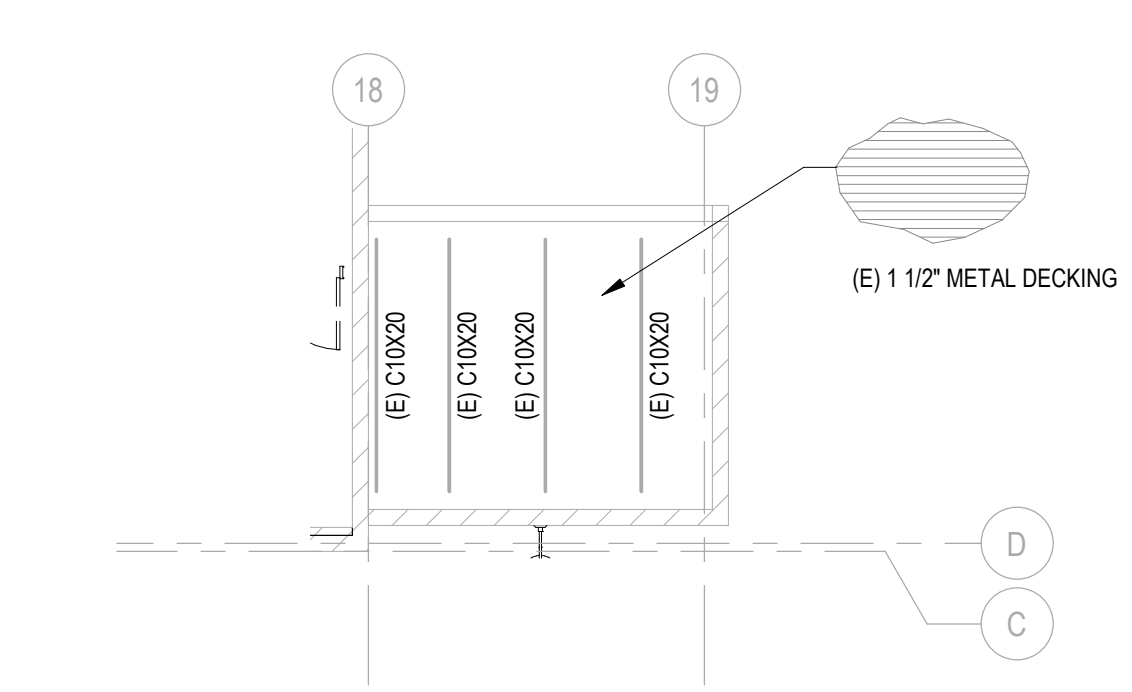


MEZZANINE FRAMING DEMO NOTE
1. REMOVE ALL EXISTING MEZZANINE FLOOR FRAMING MEMBERS.
2. SEE ELEVATION S/S-200 FOR REMOVED EXISTING COLUMNS.

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



PLAN NOTES:
1. (E) NON STRUCTURAL INTERIOR PARTITION WALLS NOT SHOWN. UNDO.

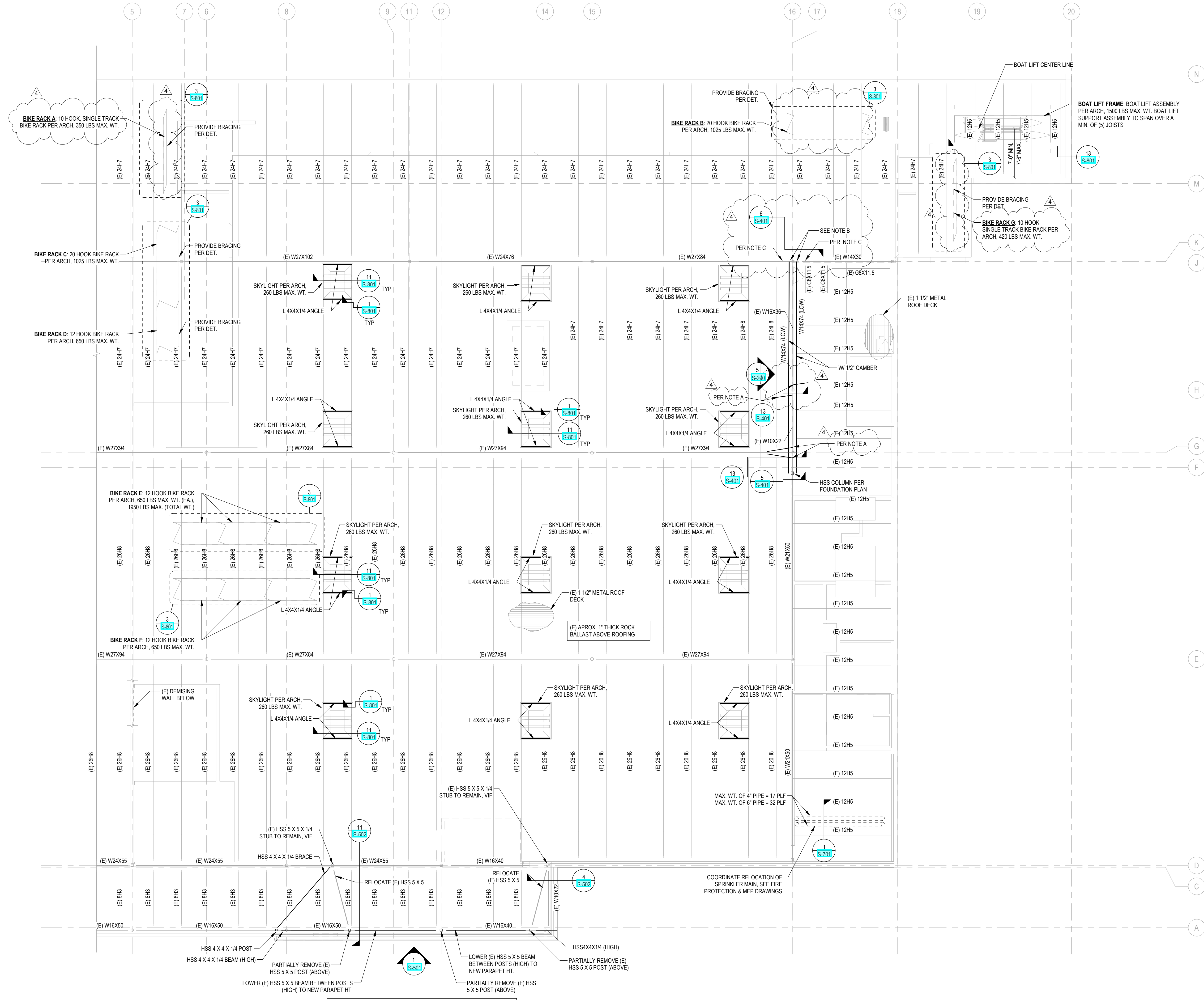


PUMP ROOM ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

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LEVEL 2 - STRUCTURAL PLAN (ROOF)

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

PLAN NORTH

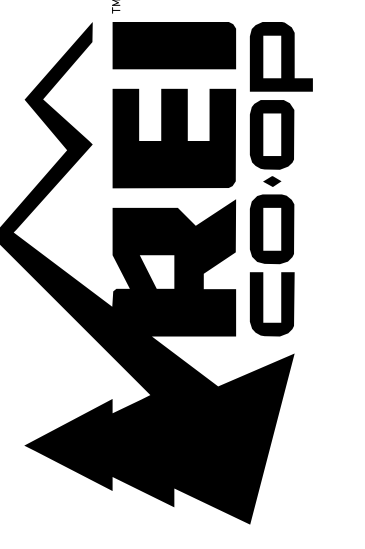
NOTE:
 - REMOVE EXISTING SIGNAGE.
 - ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.

FRAMING NOTES:
 A. PROVIDE L 4X4X1/4 ANGLE BRACE AT TOP FLANGE OF W-BEAMS AS SHOWN, CONN. PER DET. 13S-401, TYP.
 B. HSS COL. BELOW NOT SHOWN FOR CLARITY.
 C. PROVIDE BRACE PER DET. 6S-401

NOTE:
 SPECIAL INSPECTION APPLIES TO THIS PROJECT PER THE GENERAL NOTES. IF THE SPECIAL INSPECTIONS LISTED ARE NOT PROVIDED, TESTING OR REWORK WILL BE REQUIRED FOR FINAL SIGN OFF.

NOTE:
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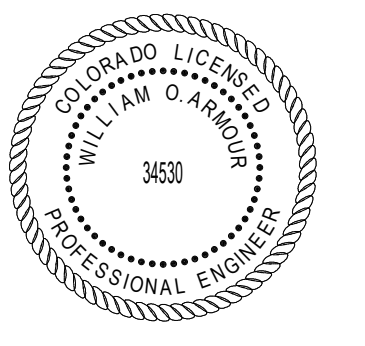


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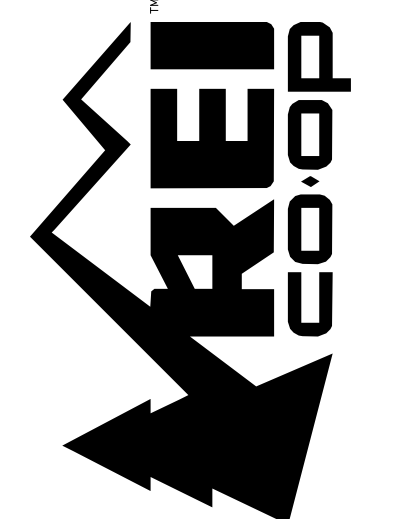
REI-GLENWOOD SPRINGS
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 CO. 81601



REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
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4	01/14/22	CONSTRUCTION SET
5	02/16/22	BULLETIN #4

PROJECT TITLE
LEVEL 2 - STRUCTURAL PLAN (ROOF)

PROJECT NUMBER
S-121

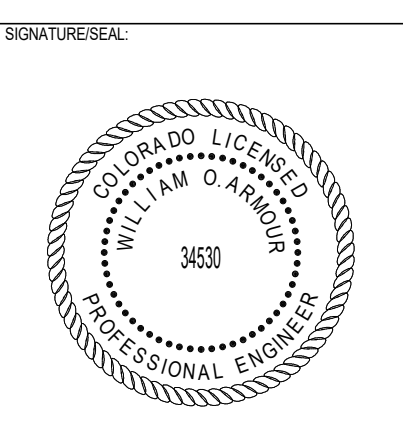


ARCHITECT INFORMATION
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CONSULTANT INFORMATION

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PROJECT INFORMATION
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 CO. 81601

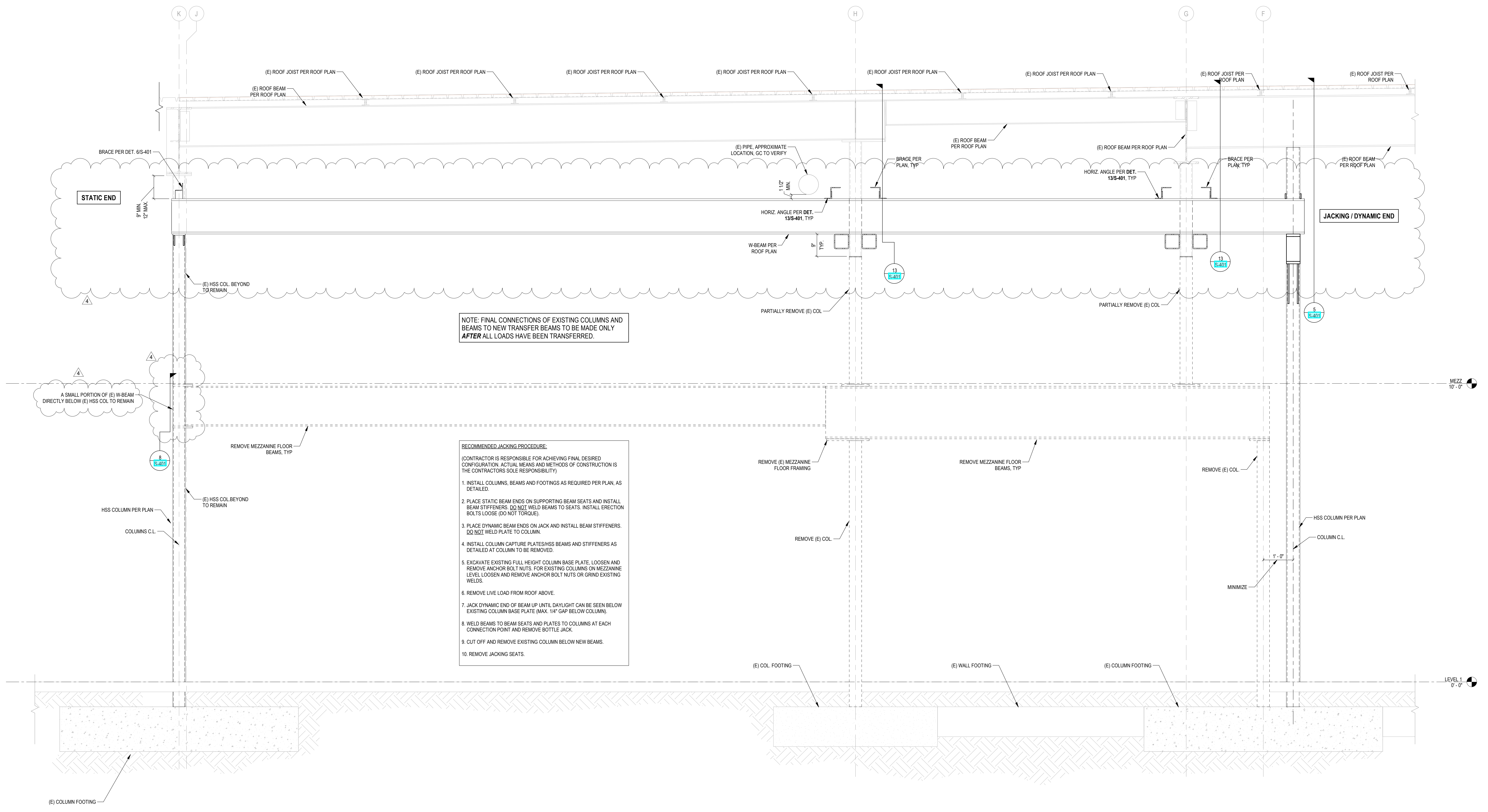


ISSUING REVISION LOG

REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	11/08/21	BID SET
3	01/14/22	BULLETIN #2
4	02/16/22	CONSTRUCTION SET
5	02/16/22	BULLETIN #4

SHEET TITLE
ELEVATION

SHEET NUMBER
S-200



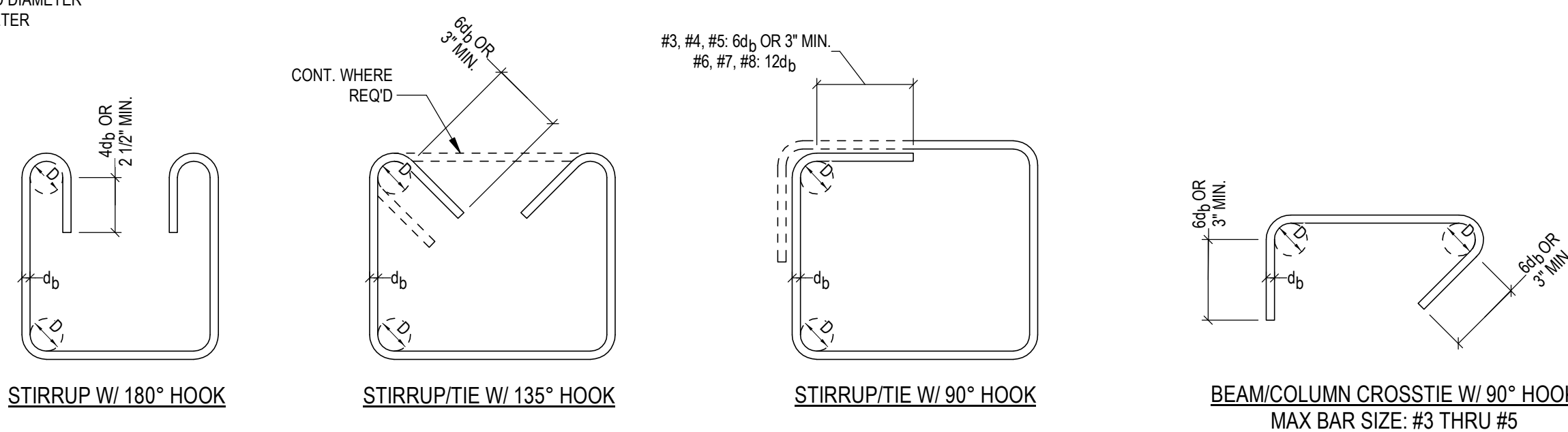
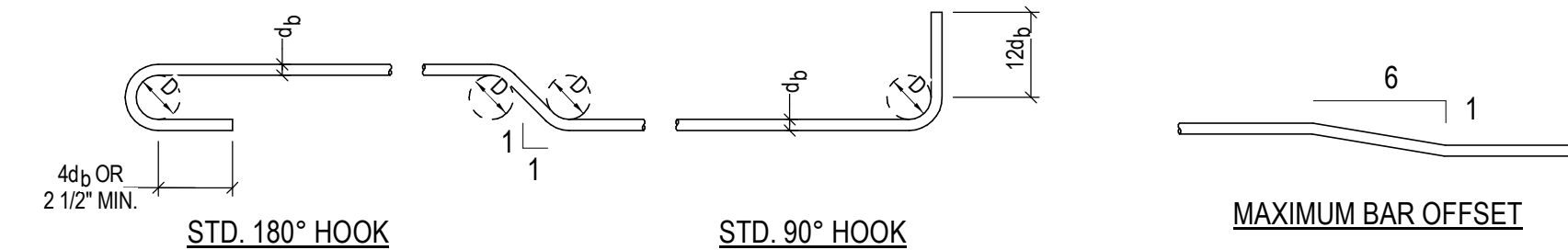
NOTE: FINAL CONNECTIONS OF EXISTING COLUMNS AND BEAMS TO NEW TRANSFER BEAMS TO BE MADE ONLY AFTER ALL LOADS HAVE BEEN TRANSFERRED.

- RECOMMENDED JACKING PROCEDURE:**
 (CONTRACTOR IS RESPONSIBLE FOR ACHIEVING FINAL DESIRED CONFIGURATION. ACTUAL MEANS AND METHODS OF CONSTRUCTION IS THE CONTRACTOR'S SOLE RESPONSIBILITY)
1. INSTALL COLUMNS, BEAMS AND FOOTINGS AS REQUIRED PER PLAN, AS DETAILED.
 2. PLACE STATIC BEAM ENDS ON SUPPORTING BEAM SEATS AND INSTALL BEAM STIFFENERS. DO NOT WELD BEAMS TO SEATS. INSTALL ERECTION BOLTS LOOSE (DO NOT TORQUE).
 3. PLACE DYNAMIC BEAM ENDS ON JACK AND INSTALL BEAM STIFFENERS. DO NOT WELD PLATE TO COLUMN.
 4. INSTALL COLUMN CAPTURE PLATES/HSS BEAMS AND STIFFENERS AS DETAILED AT COLUMN TO BE REMOVED.
 5. EXCAVATE EXISTING FULL HEIGHT COLUMN BASE PLATE. LOOSEN AND REMOVE ANCHOR BOLT NUTS. FOR EXISTING COLUMNS ON MEZZANINE LEVEL LOOSEN AND REMOVE ANCHOR BOLT NUTS OR GRIND EXISTING WELDS.
 6. REMOVE LIVE LOAD FROM ROOF ABOVE.
 7. JACK DYNAMIC END OF BEAM UP UNTIL DAYLIGHT CAN BE SEEN BELOW EXISTING COLUMN BASE PLATE (MAX. 1/4" GAP BELOW COLUMN).
 8. WELD BEAMS TO BEAM SEATS AND PLATES TO COLUMNS AT EACH CONNECTION POINT AND REMOVE BOTTLE JACK.
 9. CUT OFF AND REMOVE EXISTING COLUMN BELOW NEW BEAMS.
 10. REMOVE JACKING SEATS.

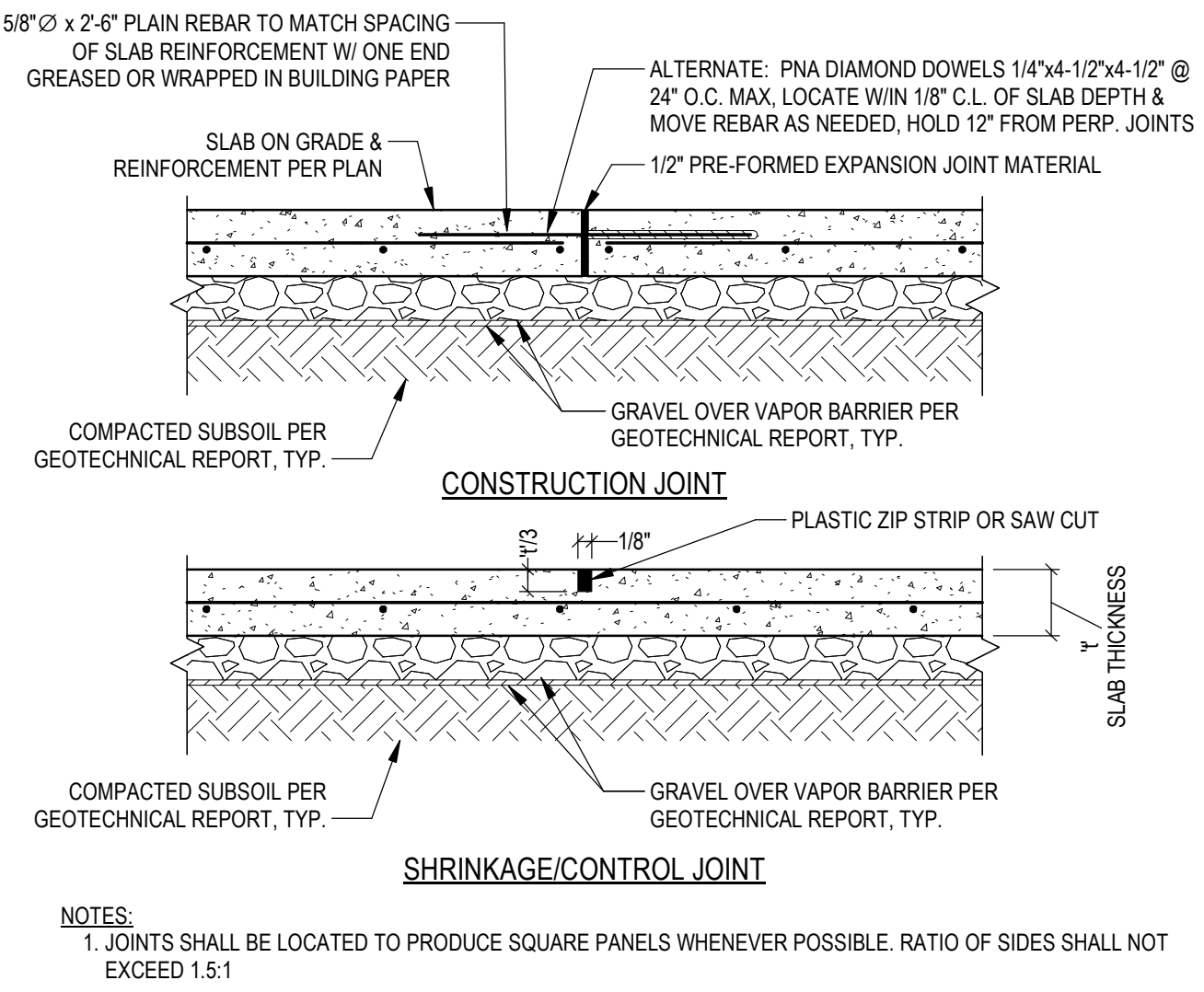
5 FRAMING ELEVATION
 S-200 3/4" = 1'-0"

REBAR BENDING SCHEDULE		
BAR SIZES	D = FINISHED INSIDE BEND DIAMETER	
	STANDARD HOOKS	STIRRUP / TIE HOOKS
#3, #4, #5	6d	4d _b
#6, #7, #8	6d	6d _b
#9, #10, #11	8d _b	N/A
#14, #18	10d _b	N/A

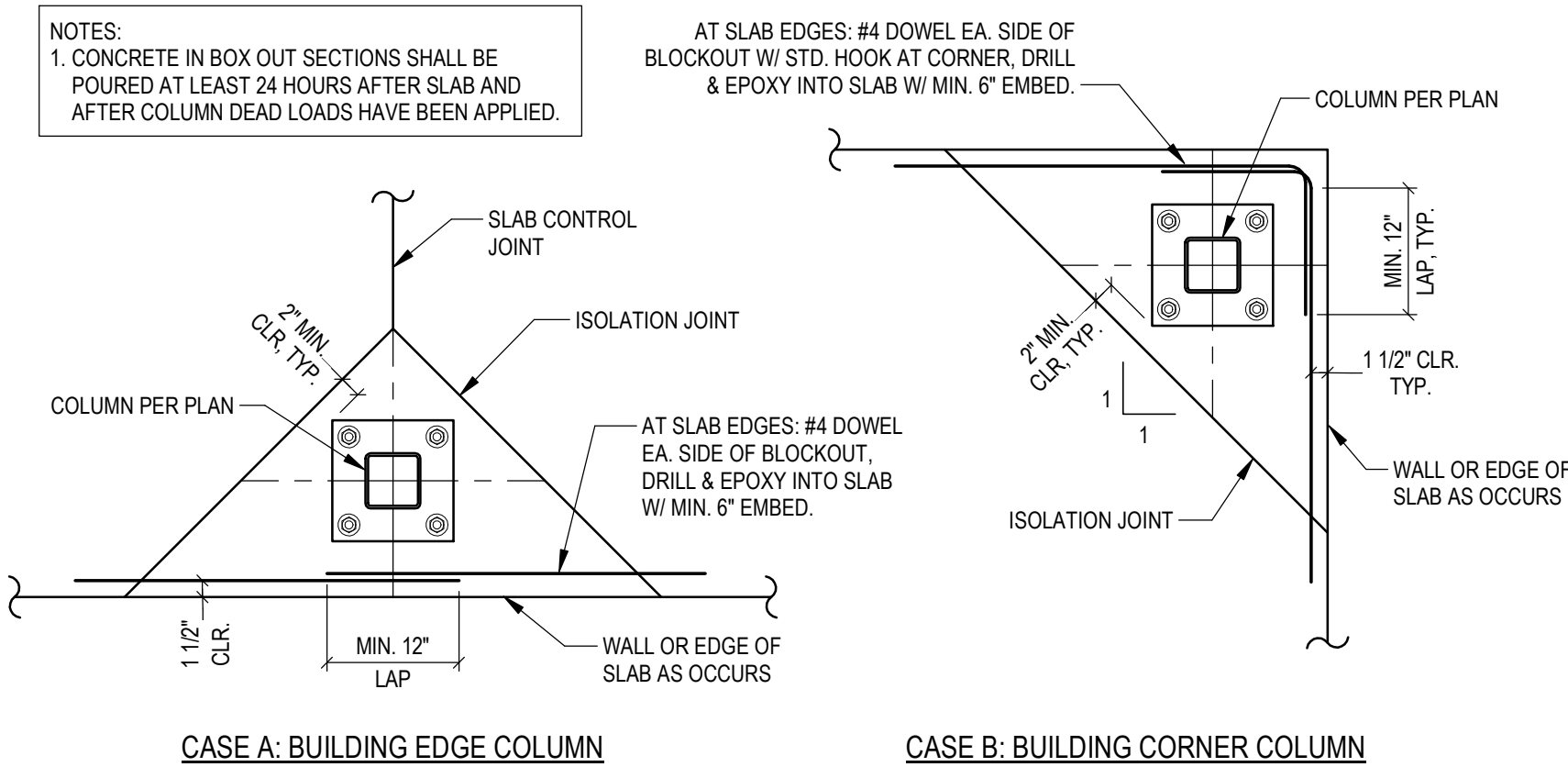
D = INSIDE BEND DIAMETER
d_b = BAR DIAMETER



1 REINFORCEMENT BENDING SCHEDULE
S-301 NTS

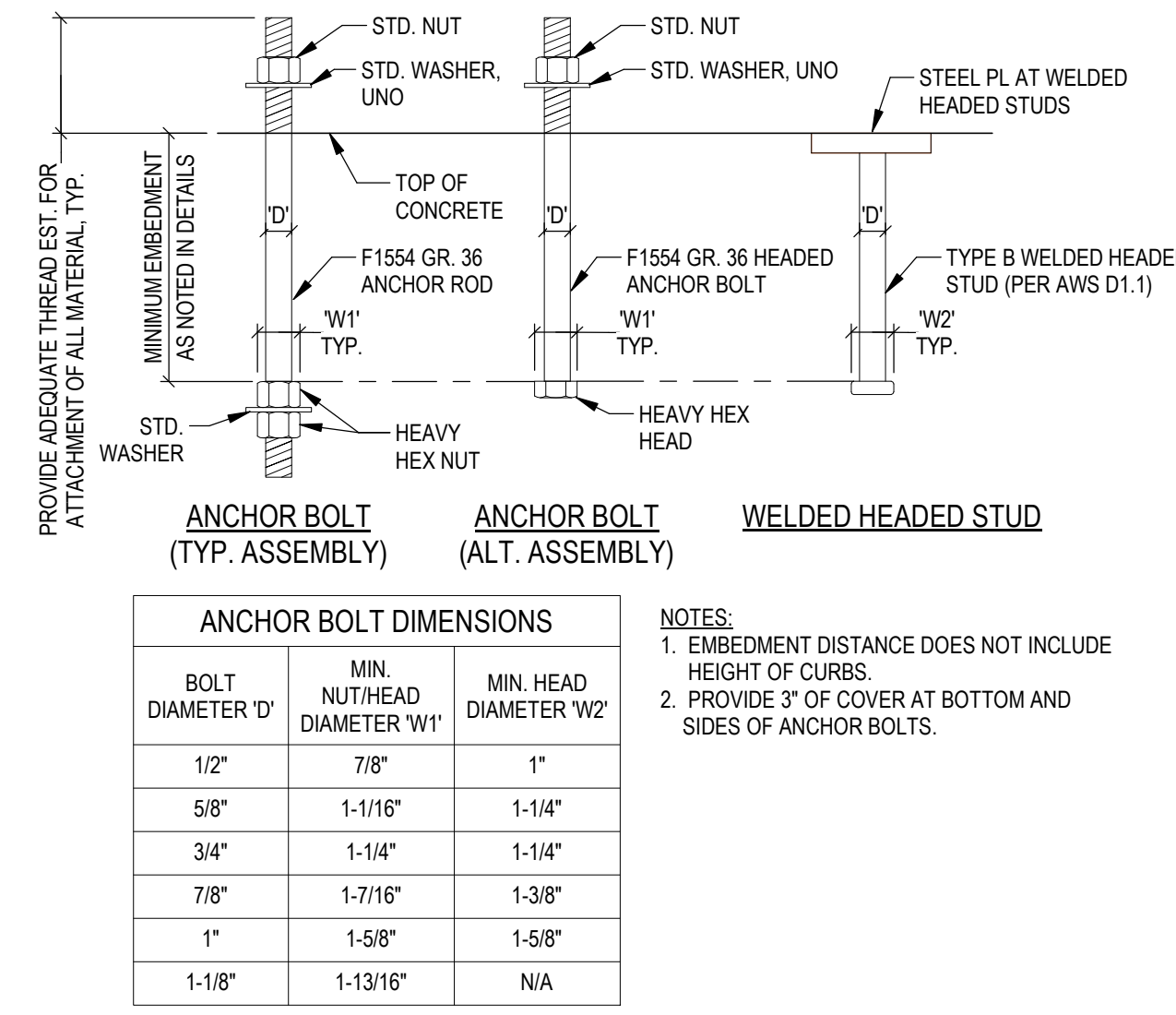


5 TYPICAL SLAB ON GRADE JOINTS
S-301 NTS



6 TYPICAL COLUMN BLOCKOUT
S-301 NTS

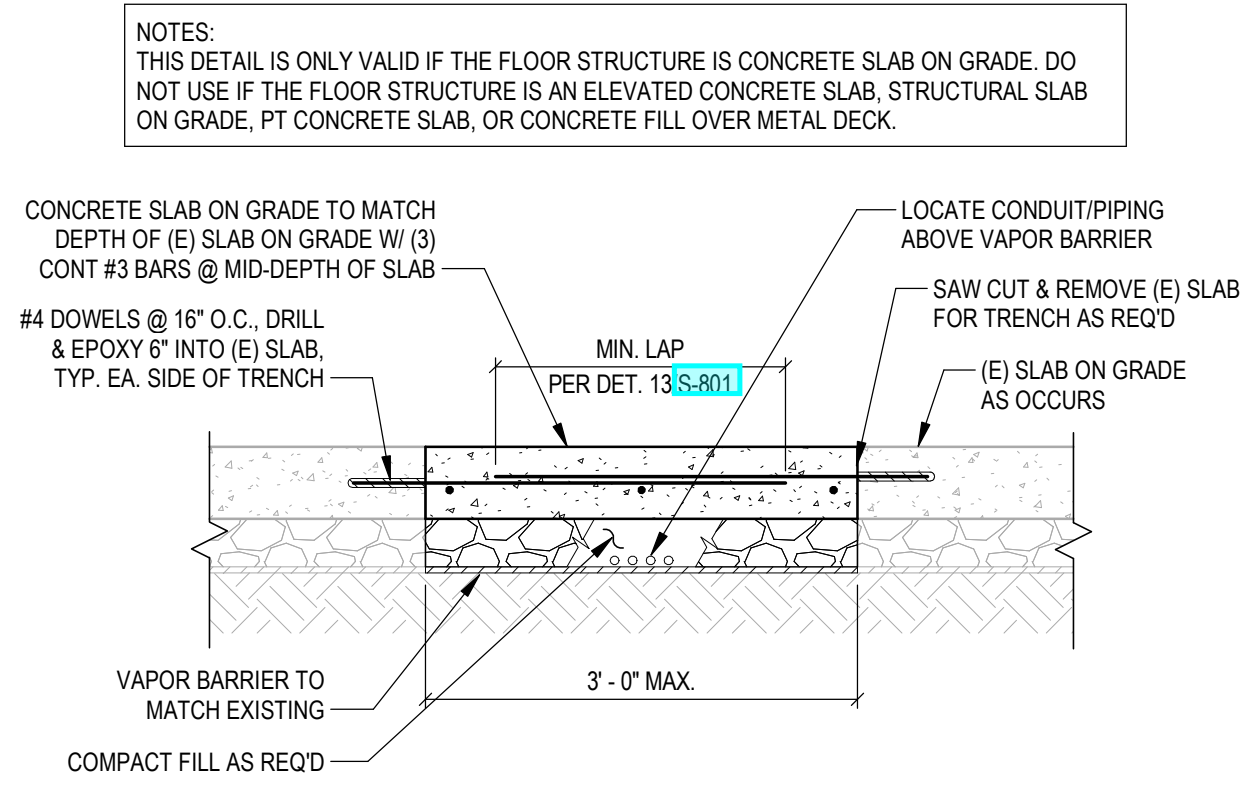
3 TYPICAL ANCHOR BOLTS
S-301 NTS



ANCHOR BOLT DIMENSIONS		
BOLT DIAMETER D'	MIN. NUT HEAD DIAMETER W1	MIN. HEAD DIAMETER W2
1/2"	7/8"	1"
5/8"	1-1/16"	1-1/4"
3/4"	1-1/4"	1-1/4"
7/8"	1-7/16"	1-3/8"
1"	1-5/8"	1-5/8"
1-1/8"	1-13/16"	N/A

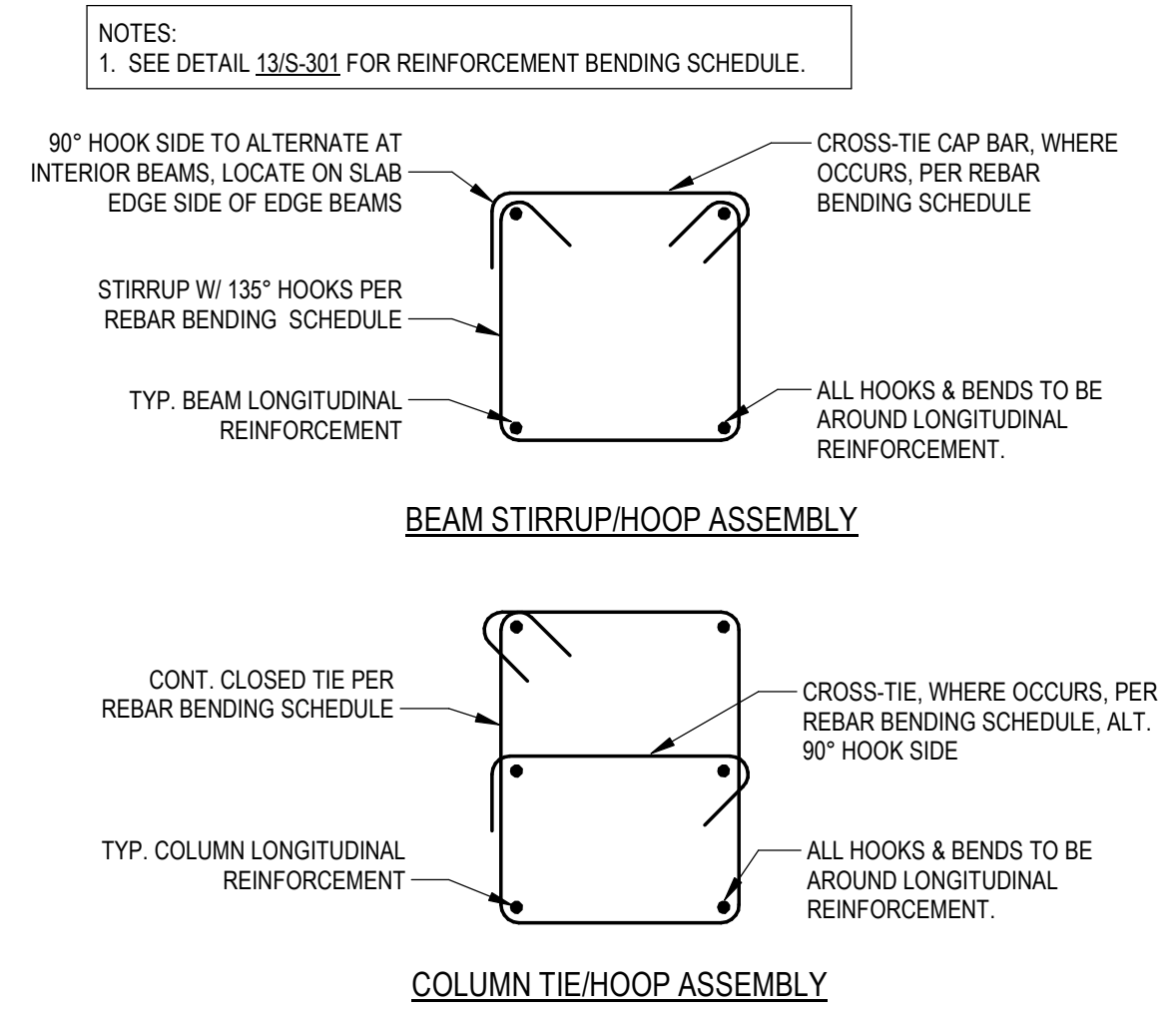
NOTES:
1. EMBEDMENT DISTANCE DOES NOT INCLUDE HEIGHT OF CURBS.
2. PROVIDE 3" OF COVER AT BOTTOM AND SIDES OF ANCHOR BOLTS.

8 TRENCH AT (E) SLAB ON GRADE
S-301 3/4" = 1'-0"



NOTES:
THIS DETAIL IS ONLY VALID IF THE FLOOR STRUCTURE IS CONCRETE SLAB ON GRADE. DO NOT USE IF THE FLOOR STRUCTURE IS AN ELEVATED CONCRETE SLAB, STRUCTURAL SLAB ON GRADE, PT CONCRETE SLAB, OR CONCRETE FILL OVER METAL DECK.

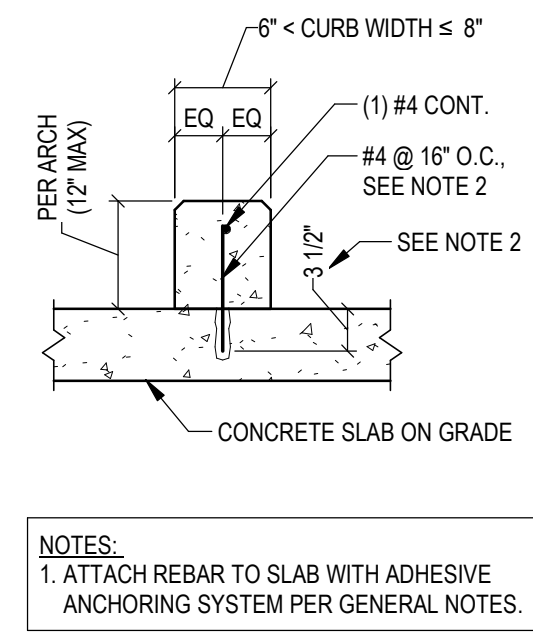
4 TYPICAL BEAM STIRRUP/HOOP COLUMN TIE/HOOP ASSEMBLY
S-301 3/4" = 1'-0"



NOTES:
1. SEE DETAIL 13S-301 FOR REINFORCEMENT BENDING SCHEDULE.

90° HOOK SIDE TO ALTERNATE AT INTERIOR BEAMS. LOCATE ON SLAB-EDGE SIDE OF EDGE BEAMS.
CROSS-TIE CAP BAR, WHERE OCCURS, PER REBAR BENDING SCHEDULE.
STIRRUP W/ 135° HOOKS PER REBAR BENDING SCHEDULE.
TYP. BEAM LONGITUDINAL REINFORCEMENT.
ALL HOOKS & BENDS TO BE AROUND LONGITUDINAL REINFORCEMENT.
CONT. CLOSED TIE PER REBAR BENDING SCHEDULE.
TYP. COLUMN LONGITUDINAL REINFORCEMENT.
CROSS-TIE, WHERE OCCURS, PER REBAR BENDING SCHEDULE, ALT. 90° HOOK SIDE.
ALL HOOKS & BENDS TO BE AROUND LONGITUDINAL REINFORCEMENT.

9 CURBS ON SLAB ON GRADE
S-301 3/4" = 1'-0"



NOTES:
1. ATTACH REBAR TO SLAB WITH ADHESIVE ANCHORING SYSTEM PER GENERAL NOTES.

TYPICAL STRAIGHT (L _d) AND HOOKED (L _{dh}) REINFORCEMENT DEVELOPMENT LENGTH SCHEDULE																					
DEVELOPMENT TYPE	CATEGORY	DESCRIPTION	BAR SIZE:																		
			#3	#4	#5	#6	#7	#8	#9	#10	#11										
STRAIGHT	1	MIN. COVER ≥ 1 1/2" MIN. CLEAR SPACING ≥ 3"	3,000	13"	12"	18"	14"	22"	17"	26"	20"	43"	33"	54"	42"	66"	51"	81"	63"	97"	75"
			4,500	12"	12"	14"	12"	18"	14"	21"	17"	35"	27"	44"	34"	54"	42"	66"	51"	79"	61"
			5,000	12"	12"	14"	12"	17"	13"	20"	16"	33"	26"	42"	32"	52"	40"	63"	49"	75"	58"
			6,000	12"	12"	13"	12"	16"	12"	19"	14"	30"	23"	38"	30"	47"	36"	58"	44"	69"	53"
			3,000	13"	12"	22"	17"	32"	25"	43"	33"	69"	53"	86"	66"	104"	80"	125"	96"	146"	113"
			4,500	12"	12"	18"	14"	26"	20"	35"	27"	57"	44"	70"	54"	85"	65"	102"	79"	120"	92"
	2	MIN. COVER ≥ 3/4" MIN. CLEAR SPACING ≥ 2"	5,000	12"	12"	17"	13"	25"	19"	34"	26"	54"	42"	67"	51"	81"	62"	97"	75"	114"	87"
			6,000	12"	12"	16"	12"	23"	18"	31"	24"	49"	38"	61"	47"	74"	57"	88"	68"	104"	80"
			3,000	9"	11"	11"	14"	17"	20"	22"	25"	28"	28"	31"	31"	31"	31"	31"	31"	31"	31"
			4,500	7"	9"	9"	12"	14"	16"	18"	21"	23"	23"	26"	26"	26"	26"	26"	26"	26"	26"
			5,000	7"	9"	9"	11"	13"	15"	17"	20"	22"	22"	24"	24"	24"	24"	24"	24"	24"	24"
			6,000	6"	8"	8"	10"	12"	14"	16"	18"	20"	20"	22"	22"	22"	22"	22"	22"	22"	22"

TYPICAL REINFORCEMENT LAP SPICE (L _{sl}) DEVELOPMENT LENGTH SCHEDULE																					
LAP CLASS	CATEGORY	DESCRIPTION	BAR SIZE:																		
			#3	#4	#5	#6	#7	#8	#9	#10	#11										
CLASS B	1	MIN. COVER ≥ 1 1/2" MIN. CLEAR SPACING ≥ 3"	3,000	17"	16"	24"	19"	29"	23"	34"	26"	56"	43"	71"	55"	86"	67"	106"	82"	127"	98"
			4,500	16"	16"	19"	16"	24"	19"	28"	23"	46"	36"	58"	45"	71"	55"	86"	67"	103"	80"
			5,000	16"	16"	19"	16"	23"	17"	26"	21"	43"	34"	55"	42"	68"	52"	82"	64"	98"	76"
			6,000	12"	12"	16"	12"	23"	18"	31"	24"	49"	38"	61"	47"	74"	57"	88"	68"	104"	80"
			3,000	17"	16"	29"	23"	42"	33"	56"	43"	90"	69"	112"	86"	136"	104"	163"	125"	190"	147"
			4,500	16"	16"	24"	19"	34"	26"	46"	36"	75"	58"	91"	71"	111"	85"	133"	103"	156"	120"
	2	MIN. COVER ≥ 3/4" MIN. CLEAR SPACING ≥ 2"	5,000	16"	16"	23"	17"	33"	25"	45"	34"	71"	55"	88"	67"	106"	81"	127"	98"	149"	114"
			6,000	16"	16"	21"	16"	30"	24"	41"	32"	64"	50"	80"	62"	97"	75"	115"	89"	136"	104"

GENERAL NOTES:
1. ALL DEVELOPMENT AND LAP SPICE LENGTHS SPECIFIED IN SCHEDULES ARE FOR REINFORCING STEEL WITH A_s F_y = 60,000 psi.
2. TOP - HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE BAR.
3. OTHER - ALL VERTICAL BARS AND HORIZONTAL BARS THAT DO NOT MEET THE "TOP" BAR DESIGNATION.
4. UNLESS NOTED OTHERWISE, ALL HOOKED BARS SHALL EXTEND TO THE FAR FACE W/ MIN COVER BEYOND PER NOTE 5.2.
5. ALL HOOKED BAR LENGTHS SPECIFIED IN SCHEDULE ARE FOR REINFORCING WITH:
5.1 SIDE COVER ≥ 2 1/2",
5.2 COVER BEYOND ≥ 2".

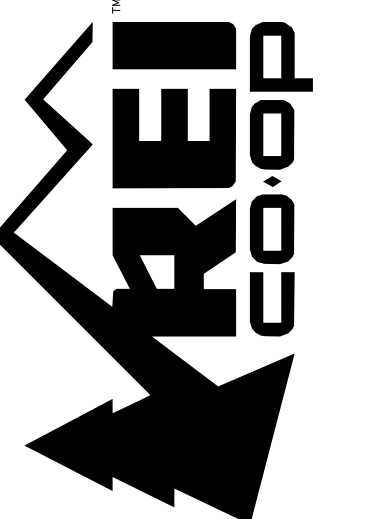
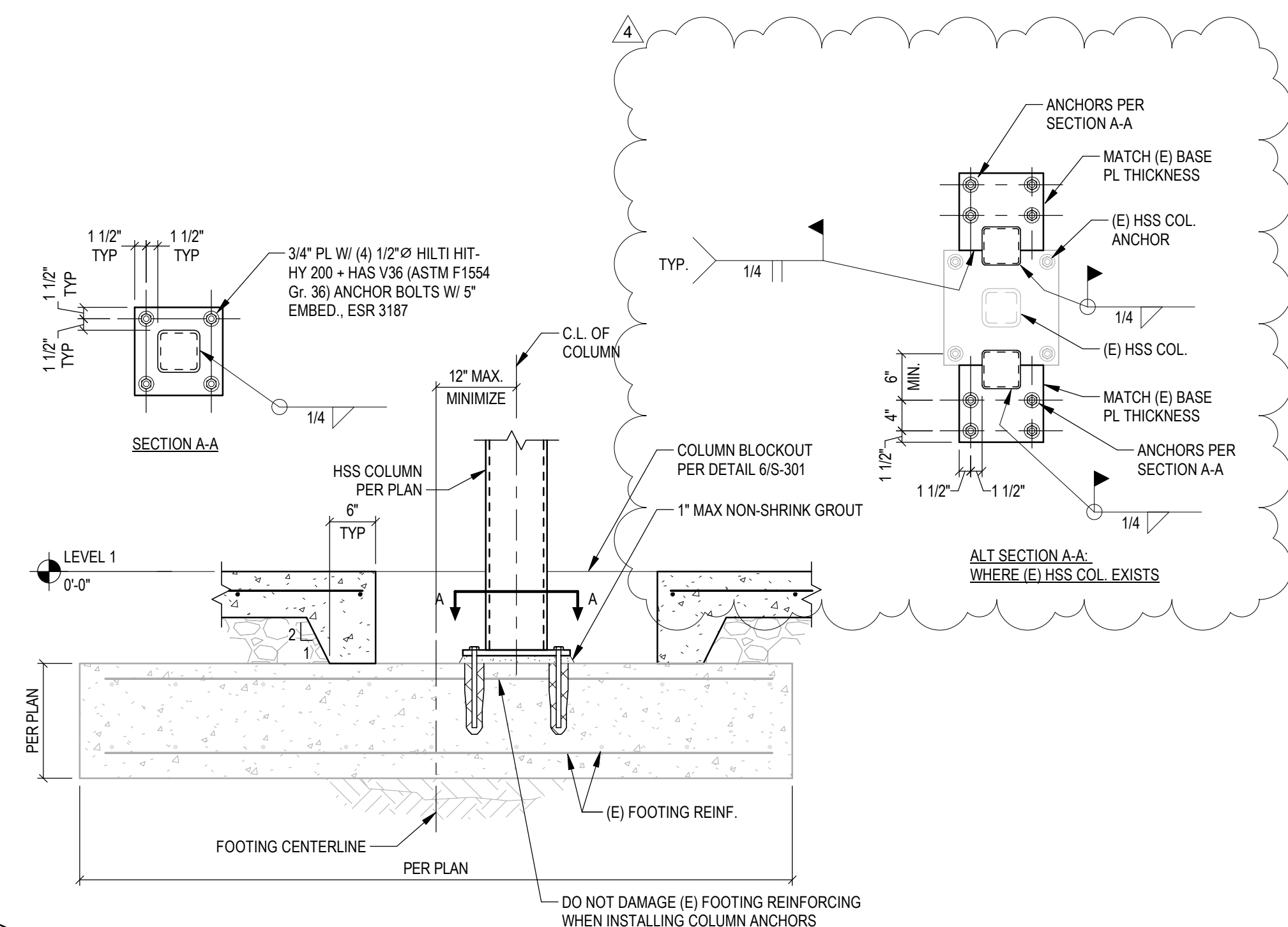
ADJUSTMENTS TO SPECIFIED STRAIGHT DEVELOPMENT AND LAP SPICE LENGTHS:
1. LIGHTWEIGHT CONCRETE: MULTIPLY THE LENGTHS SPECIFIED IN THE SCHEDULE BY 1.33.
2. EPOXY-COATED REINFORCEMENT:
2.1. "TOP" BARS: MULTIPLY THE LENGTHS SPECIFIED IN THE SCHEDULE BY 1.3.
2.2. "OTHER" BARS: MULTIPLY THE LENGTHS SPECIFIED IN THE SCHEDULE BY 1.5.
3. COMBINATIONS OF EFFECTS DUE TO CONCRETE WEIGHT AND EPOXY COATING ARE CUMULATIVE.
L_d / L_{dh} SHALL BE MULTIPLIED BY EACH FACTOR TO FIN THE CORRECT VALUE.

ADJUSTMENTS TO SPECIFIED HOOK DEVELOPMENT LENGTHS:
1. LIGHTWEIGHT CONCRETE: MULTIPLY THE LENGTHS SPECIFIED IN THE SCHEDULE BY 1.33.
2. EPOXY-COATED REINFORCEMENT: MULTIPLY THE LENGTHS SPECIFIED IN THE SCHEDULE BY 1.2.
3. SIDE COVER < 2 1/2": MULTIPLY THE LENGTHS SPECIFIED IN THE SCHEDULE BY 0.7.

LAP SPICE NOTES:
1. ALL SPLICES SHALL BE WIRED IN CONTACT AND STACKED VERTICALLY.
2. SMALLER BAR LAP LENGTH SHALL BE USED WHEN SPLICING DIFFERENT SIZED BARS.
3. LAP LENGTHS SPECIFICALLY DETAILED IN DRAWINGS SHALL GOVERN IN LIEU OF LAP LENGTHS SCHEDULED.

13 REINFORCEMENT DEVELOPMENT & SPICE SCHEDULE
S-301 NTS

15 TYP. INTERIOR SPREAD FTG
S-301 N.T.S.

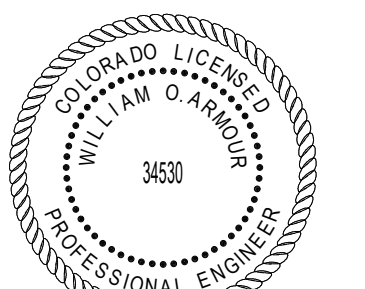


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JOB NO: 21173

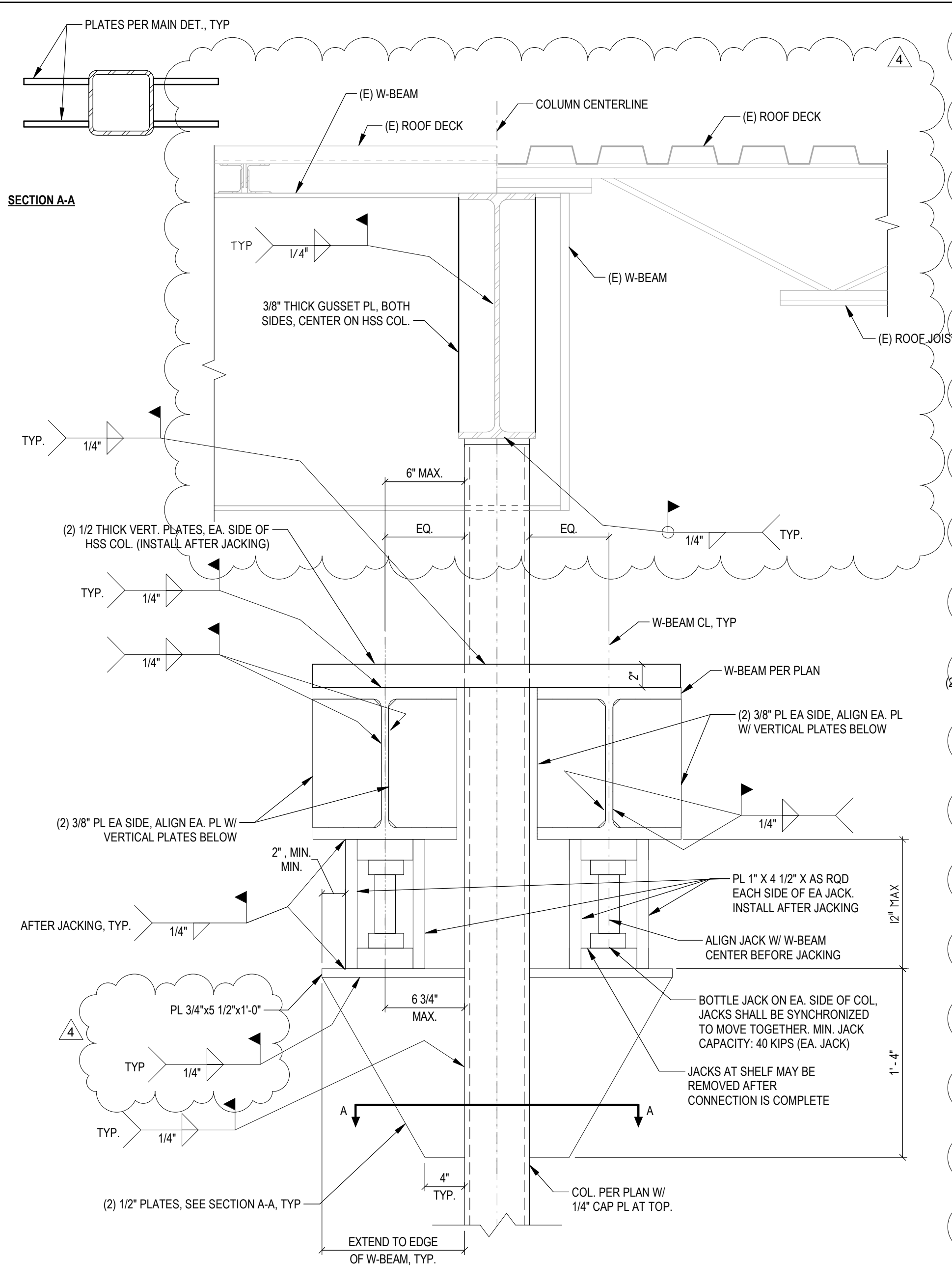
REI-GLENWOOD SPRINGS
3216 S. GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601



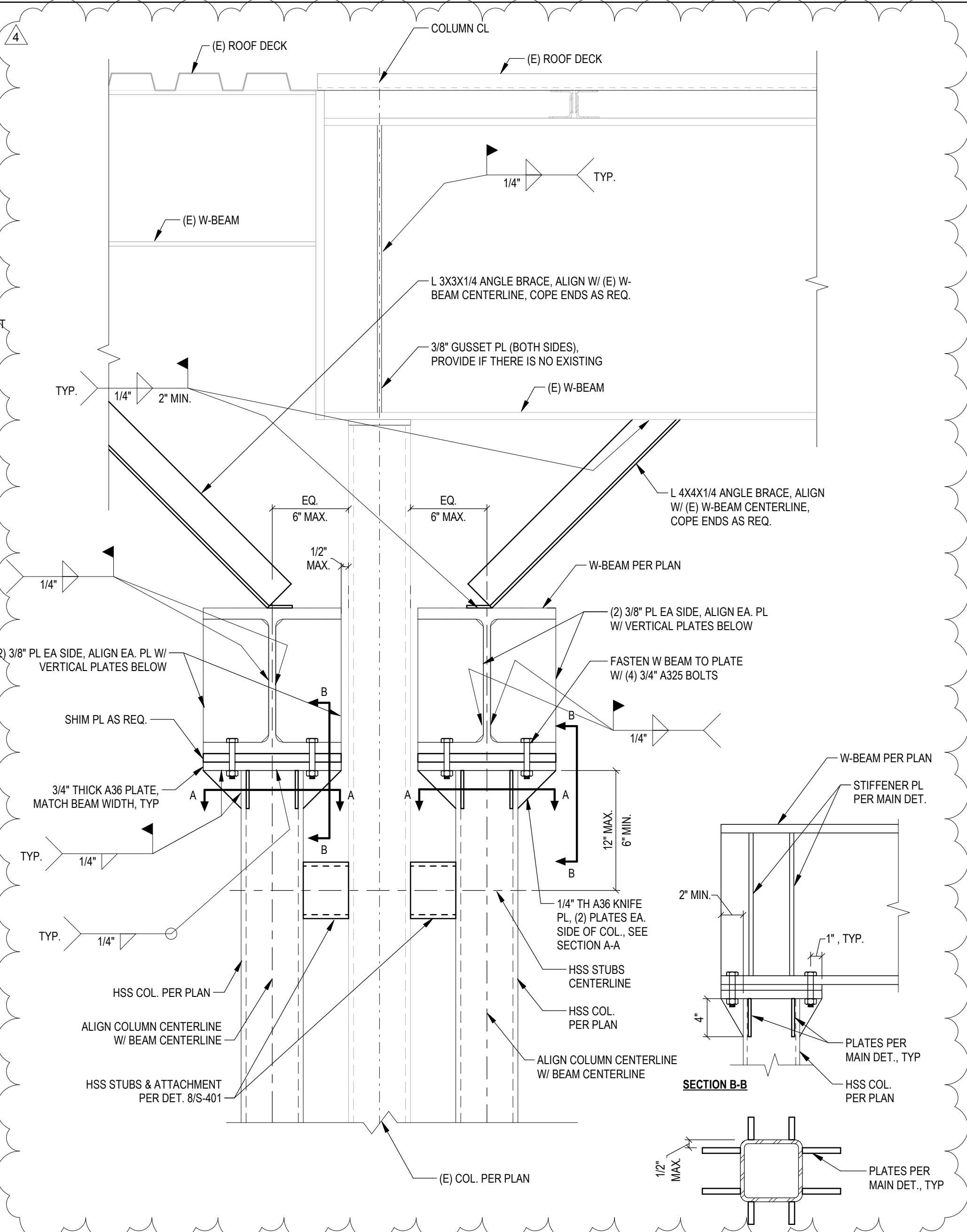
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2	12/20/21	BULLETIN #2
3	01/14/22	CONSTRUCTION SET
4	02/16/22	BULLETIN #4

CONCRETE DETAILS

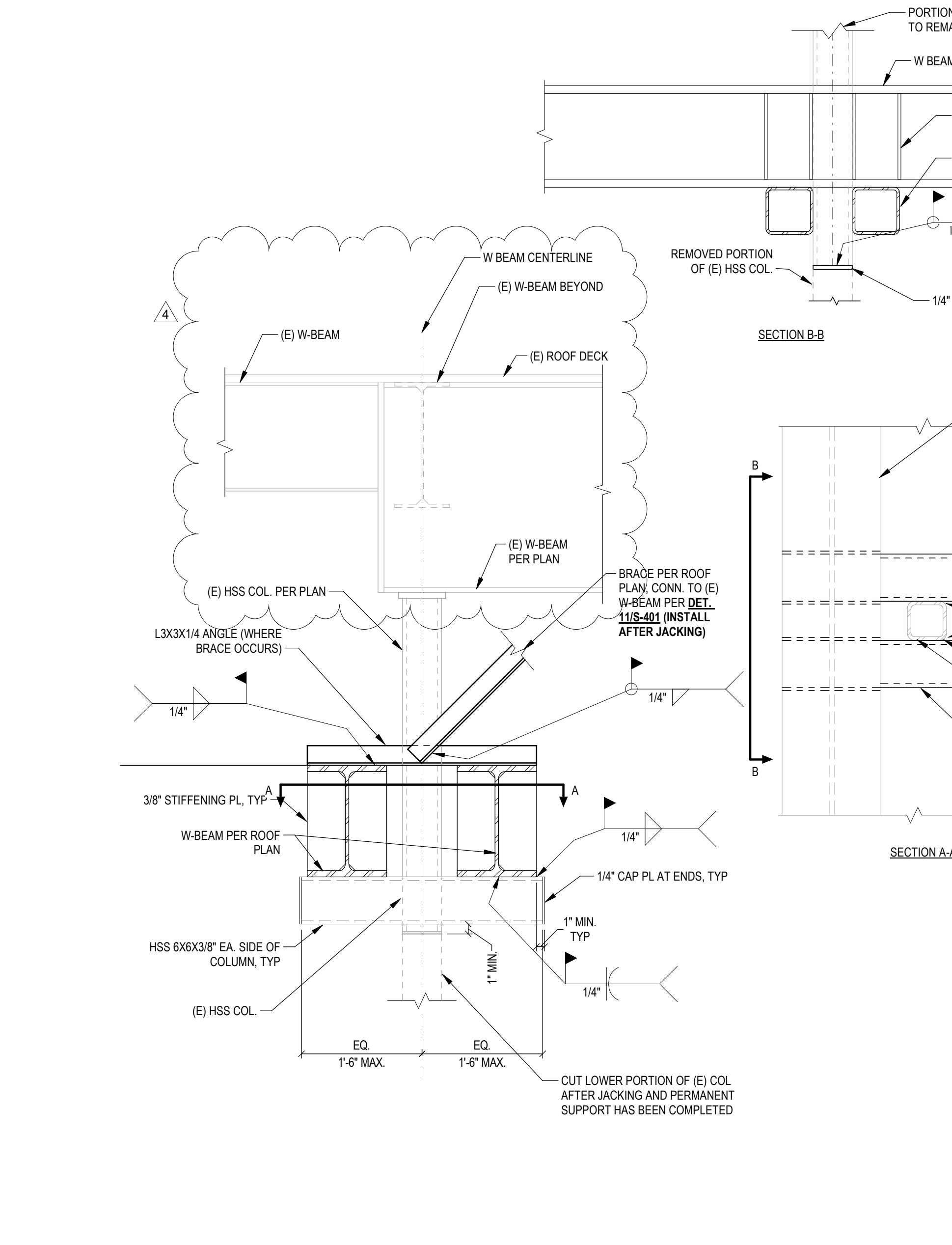
3/4" = 1'-0"



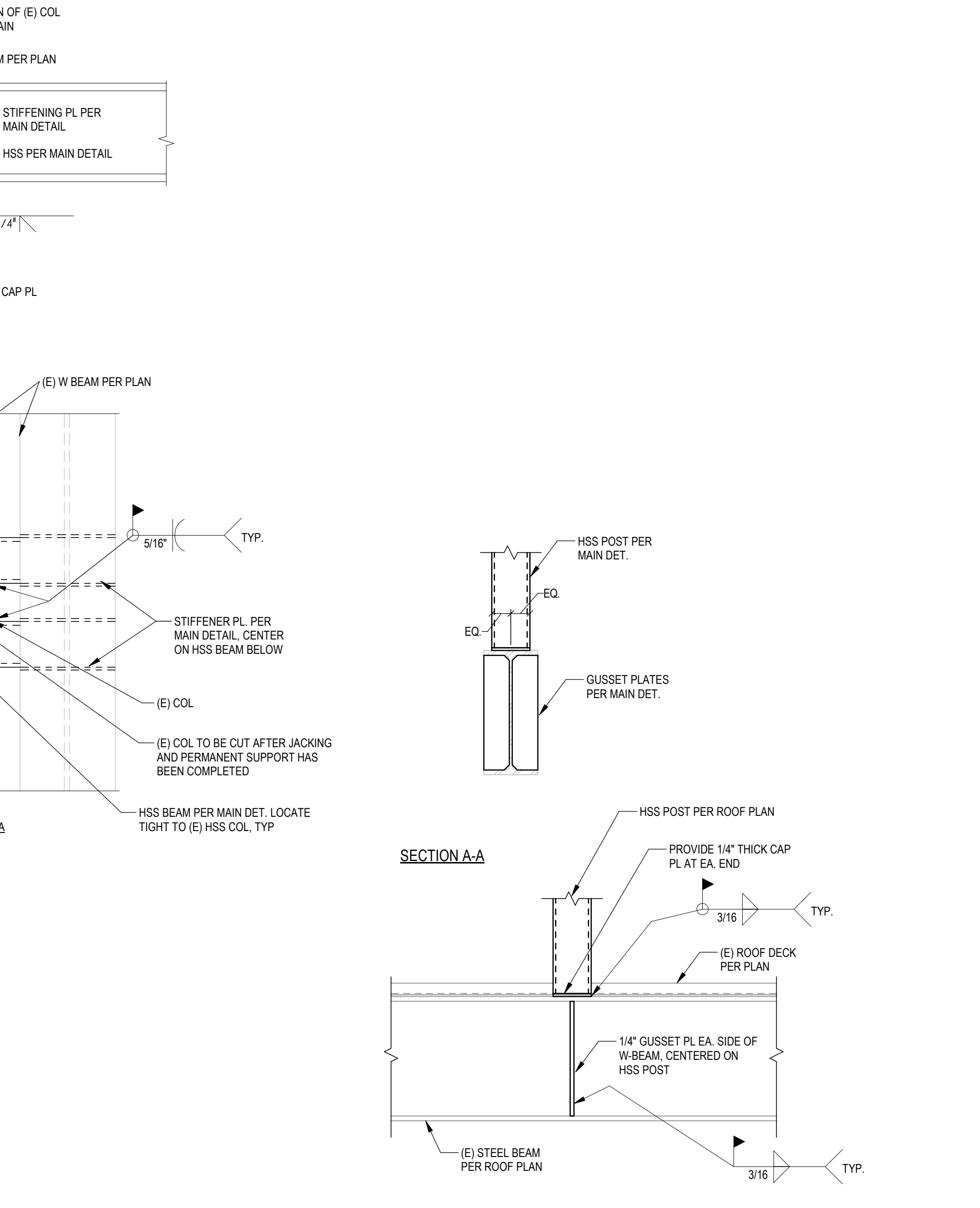
5 TRANSFER GIRDER CONN. NEAR GRID J (DYNAMIC END)
S-401 1 1/2" = 1'-0"



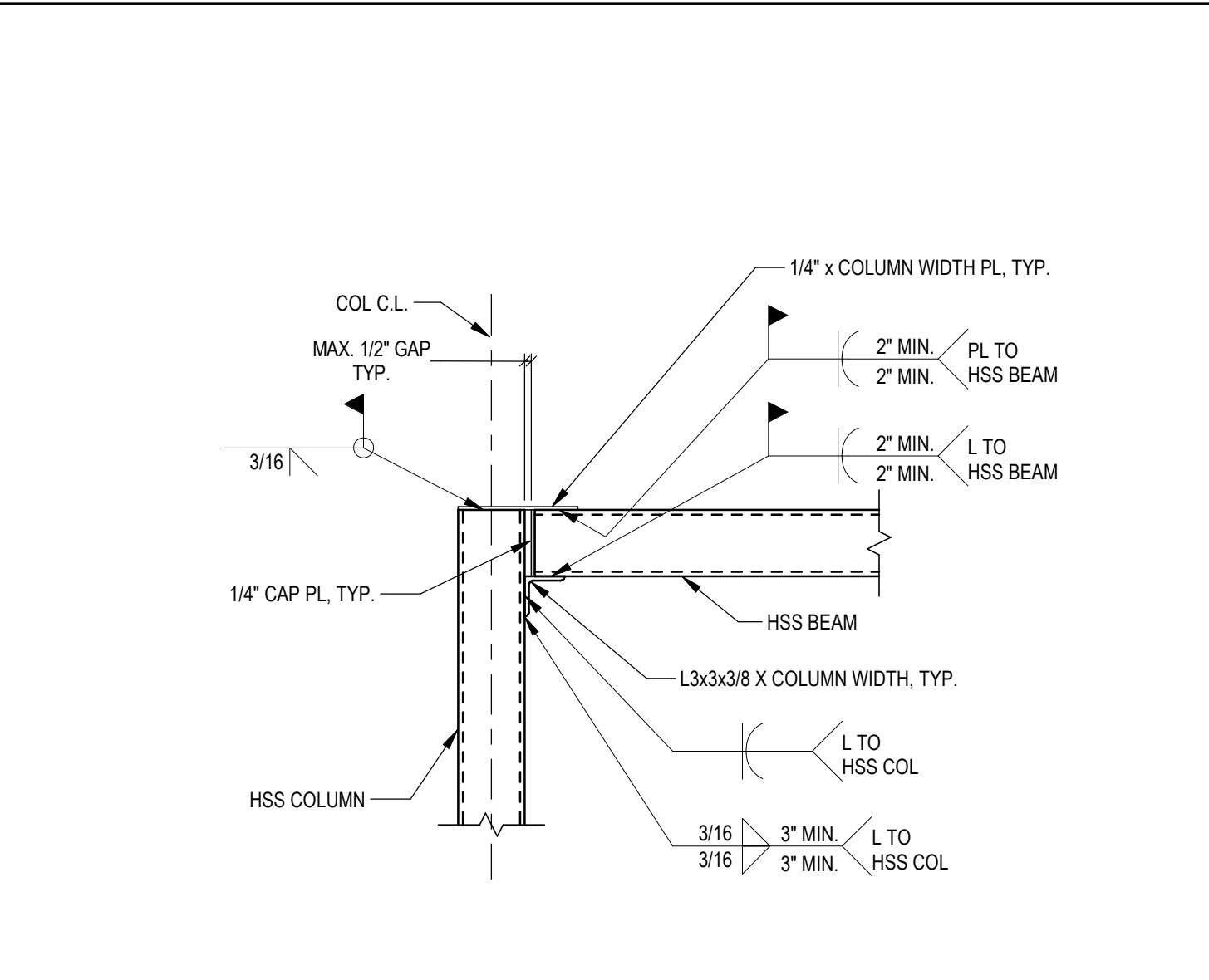
6 TRANSFER GIRDER CONNECTION NEAR GRID G (STATIC END)
S-401 1 1/2" = 1'-0"



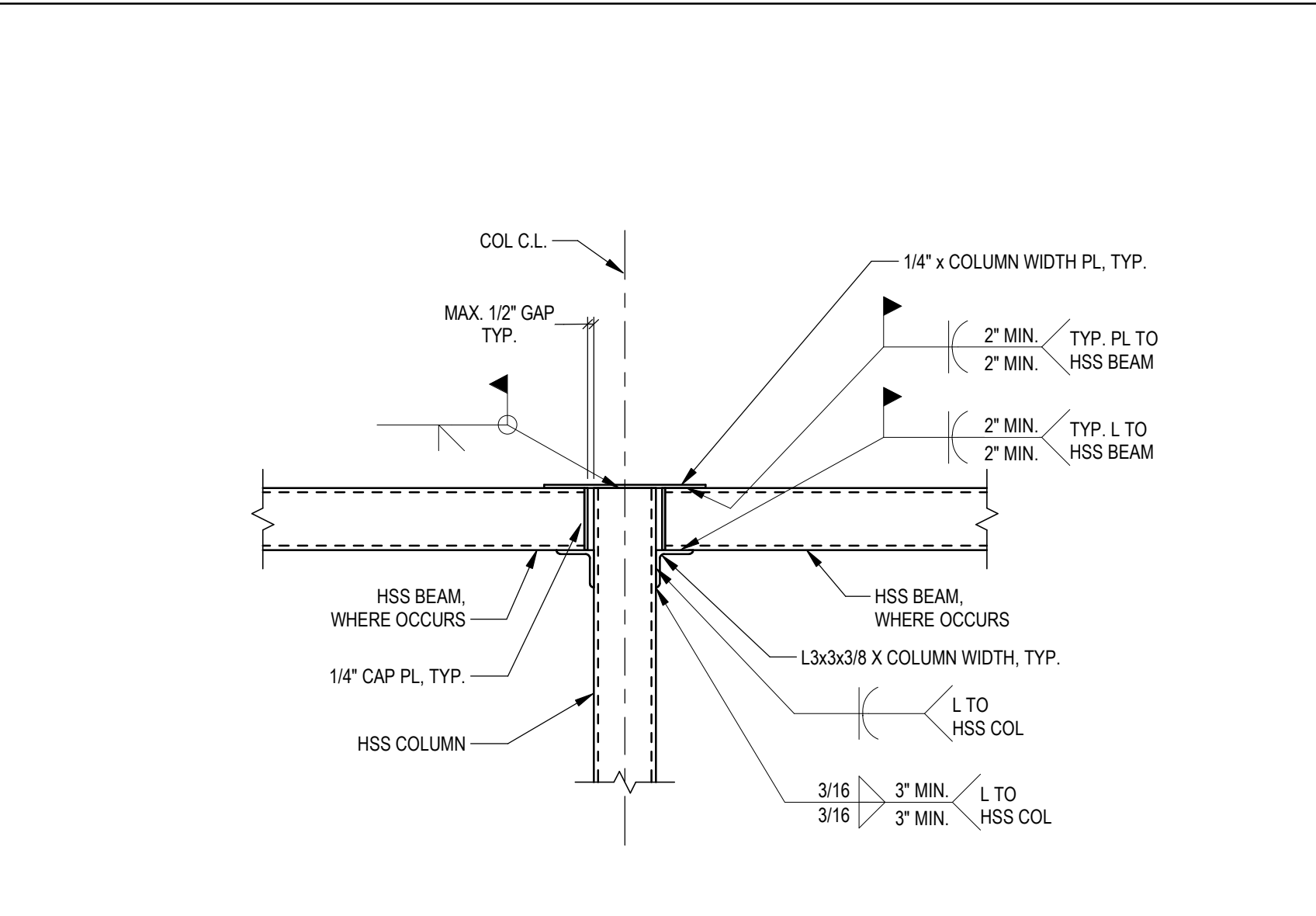
13 COLUMN CAPTURE CONNECTION
S-401 1" = 1'-0"



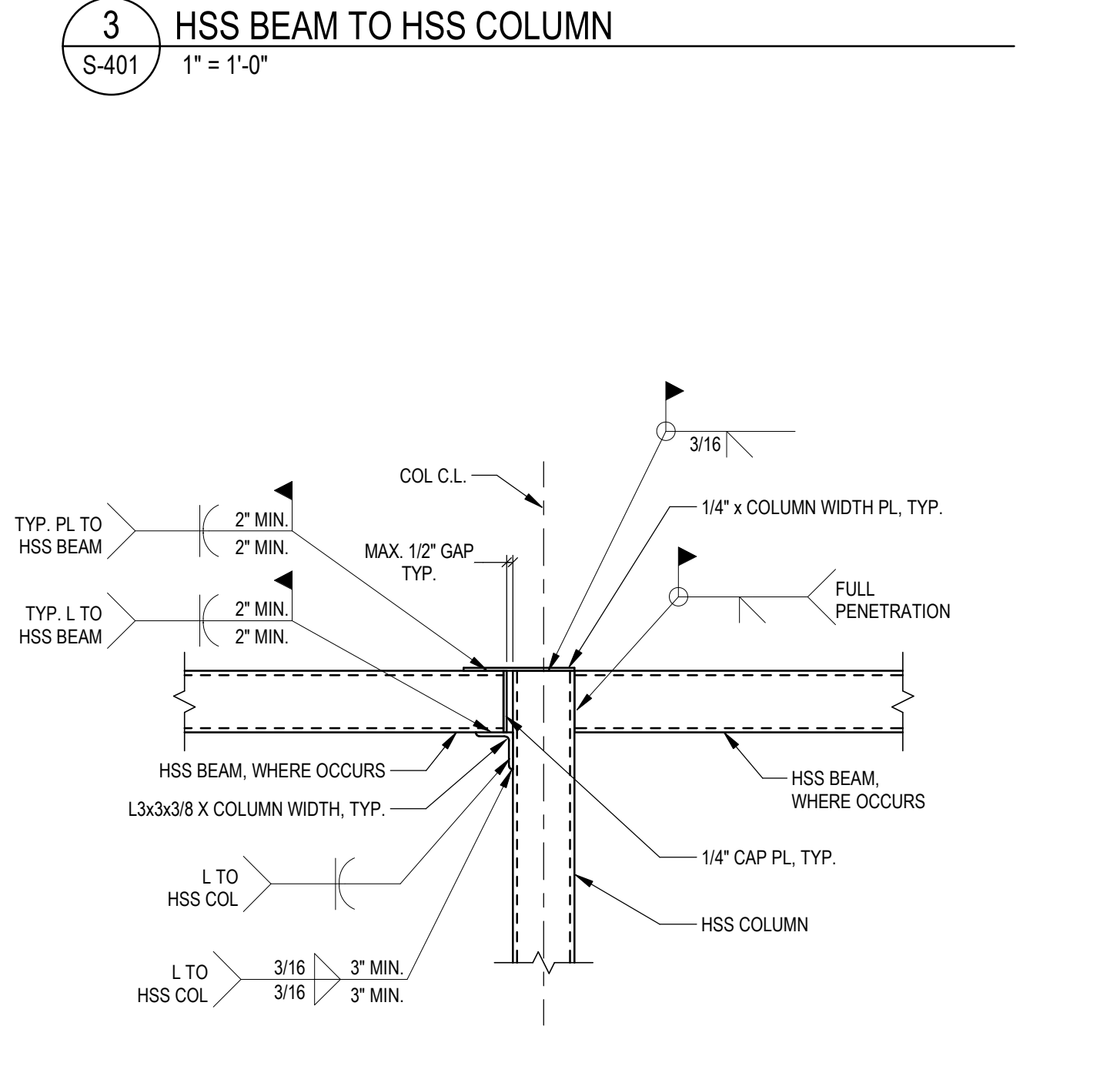
15 HSS POST TO (E) W-BEAM CONN.
S-401 1" = 1'-0"



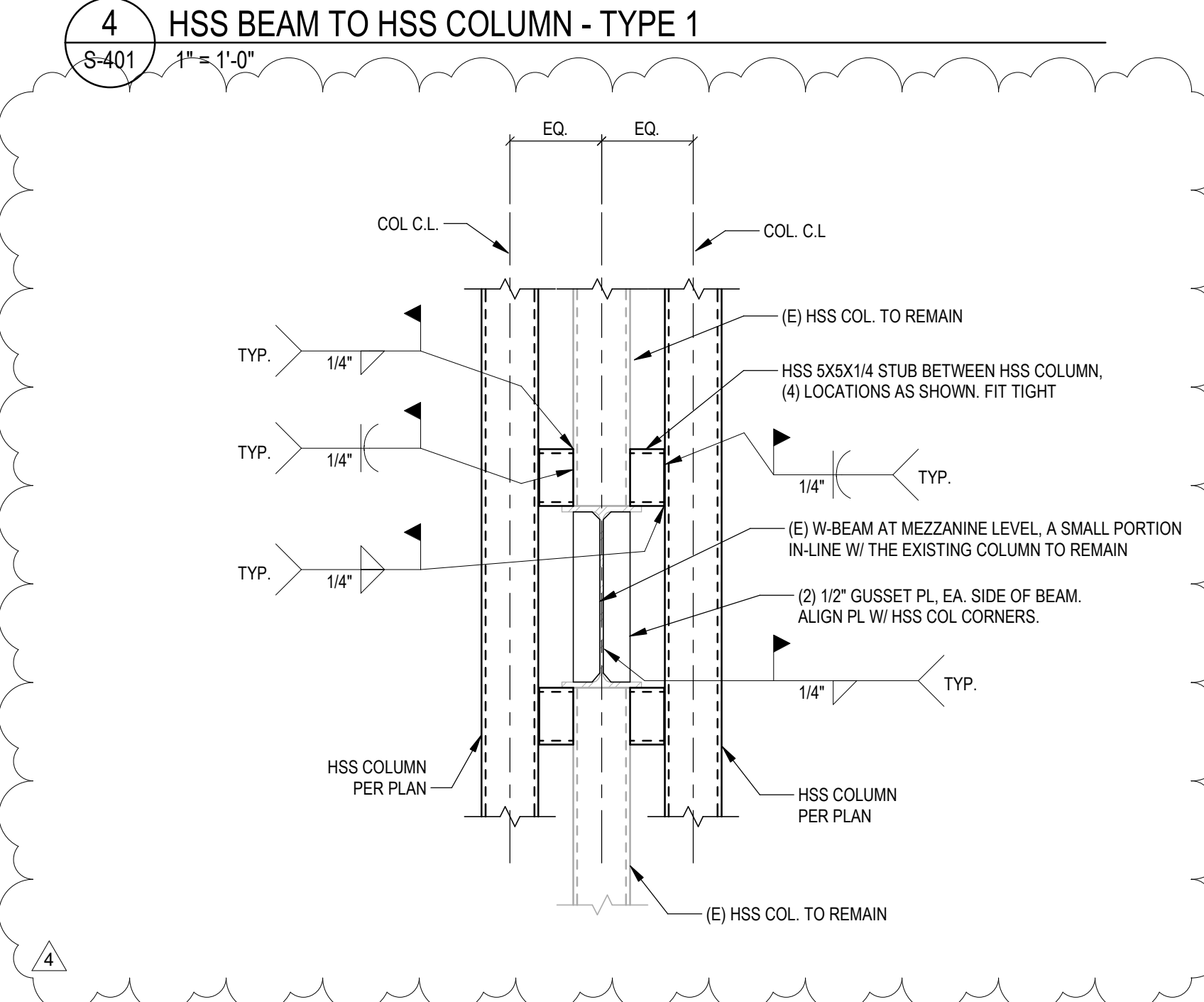
3 HSS BEAM TO HSS COLUMN
S-401 1" = 1'-0"



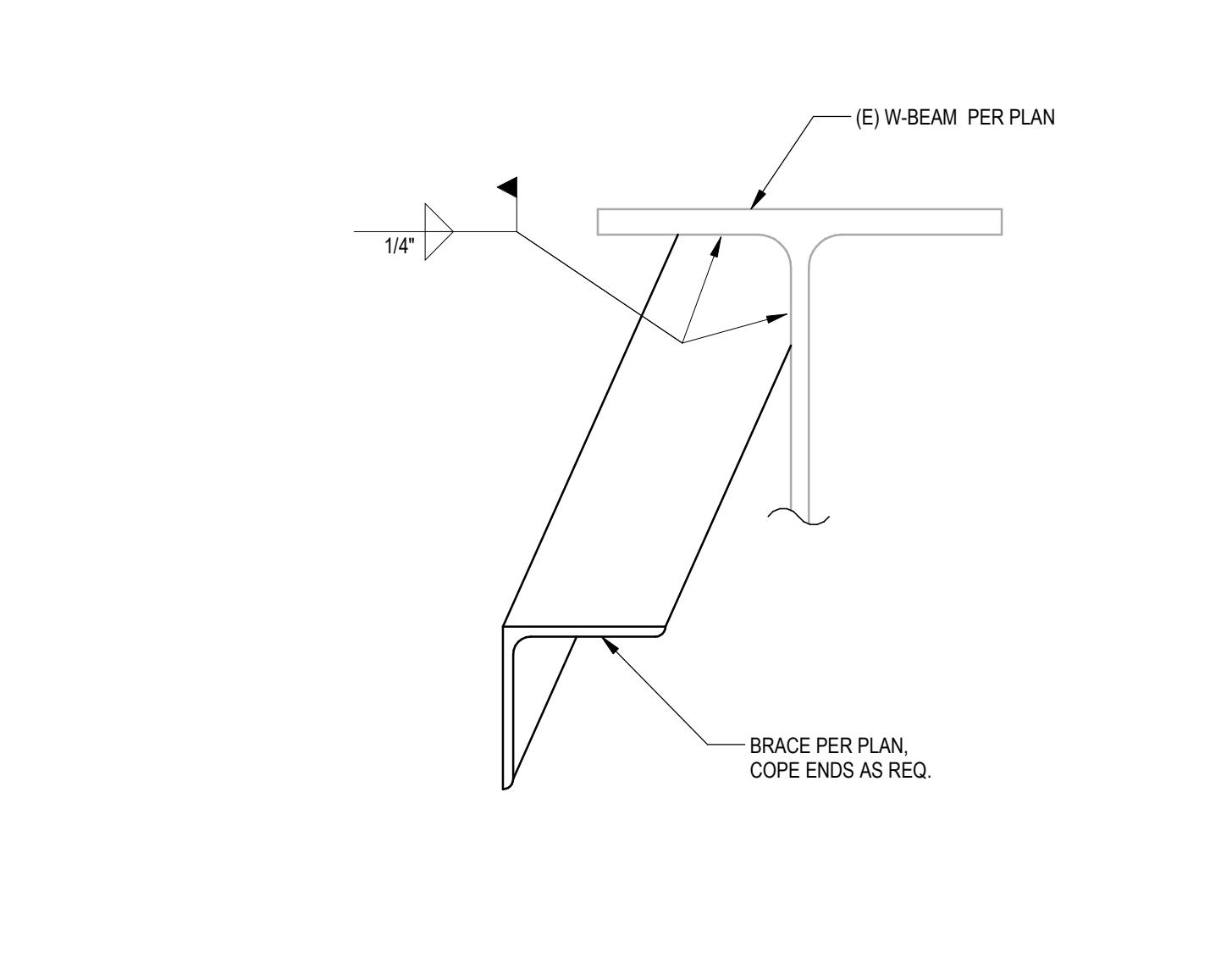
4 HSS BEAM TO HSS COLUMN - TYPE 1
S-401 1" = 1'-0"



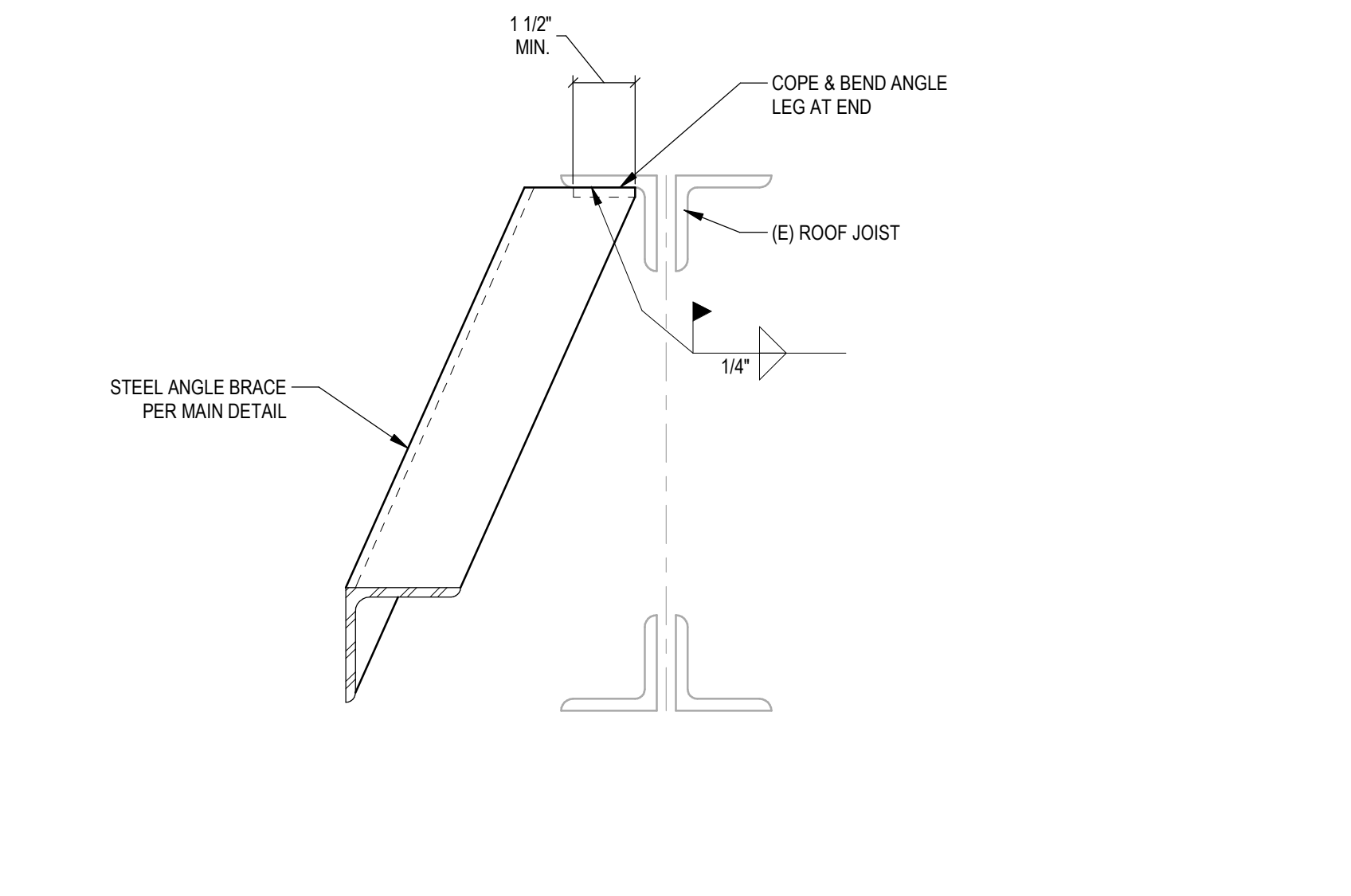
7 CANT. HSS BEAM CONN. TO HSS COL
S-401 1" = 1'-0"



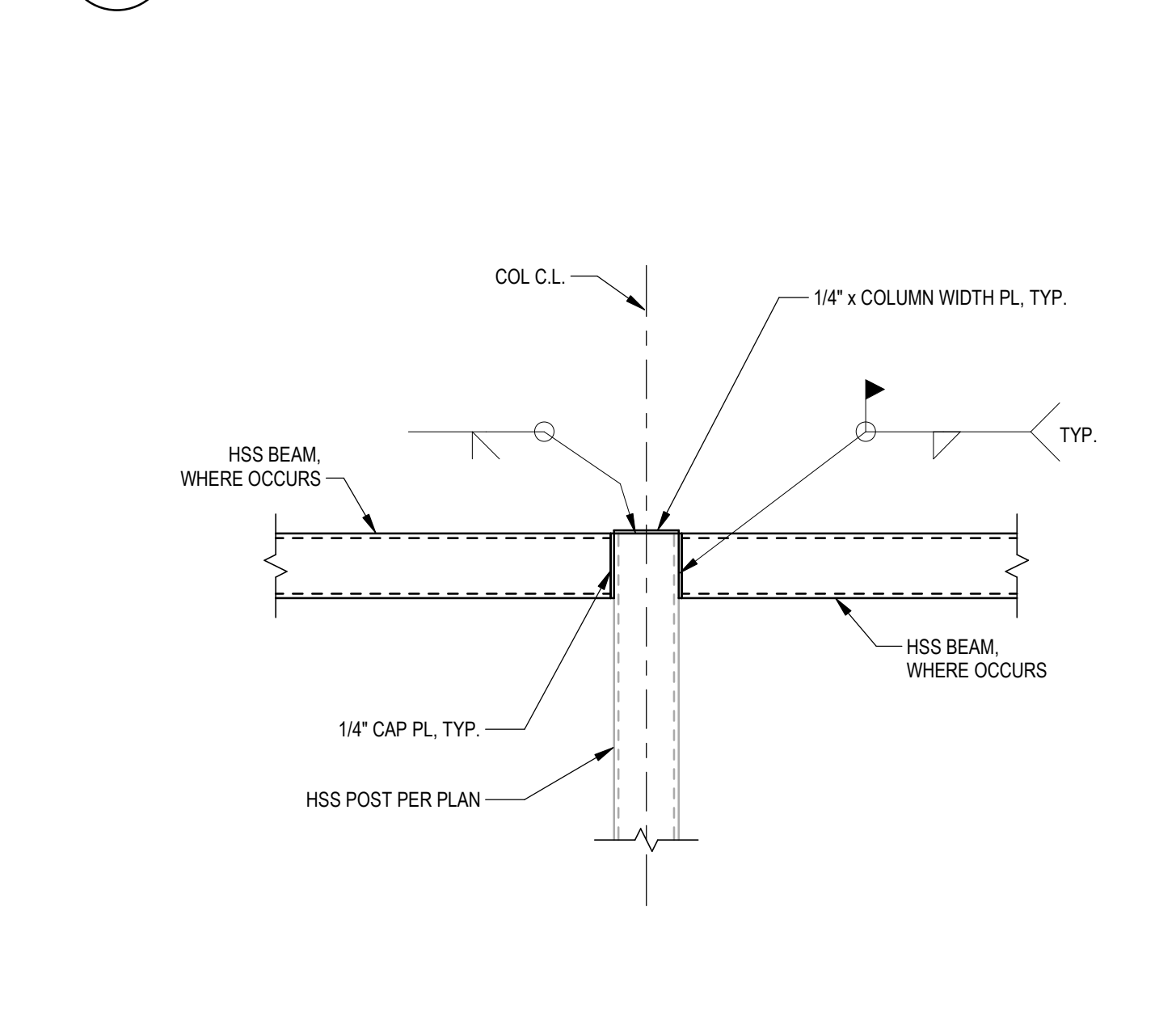
8 EXISTING COL. REINFORCEMENT
S-401 1" = 1'-0"



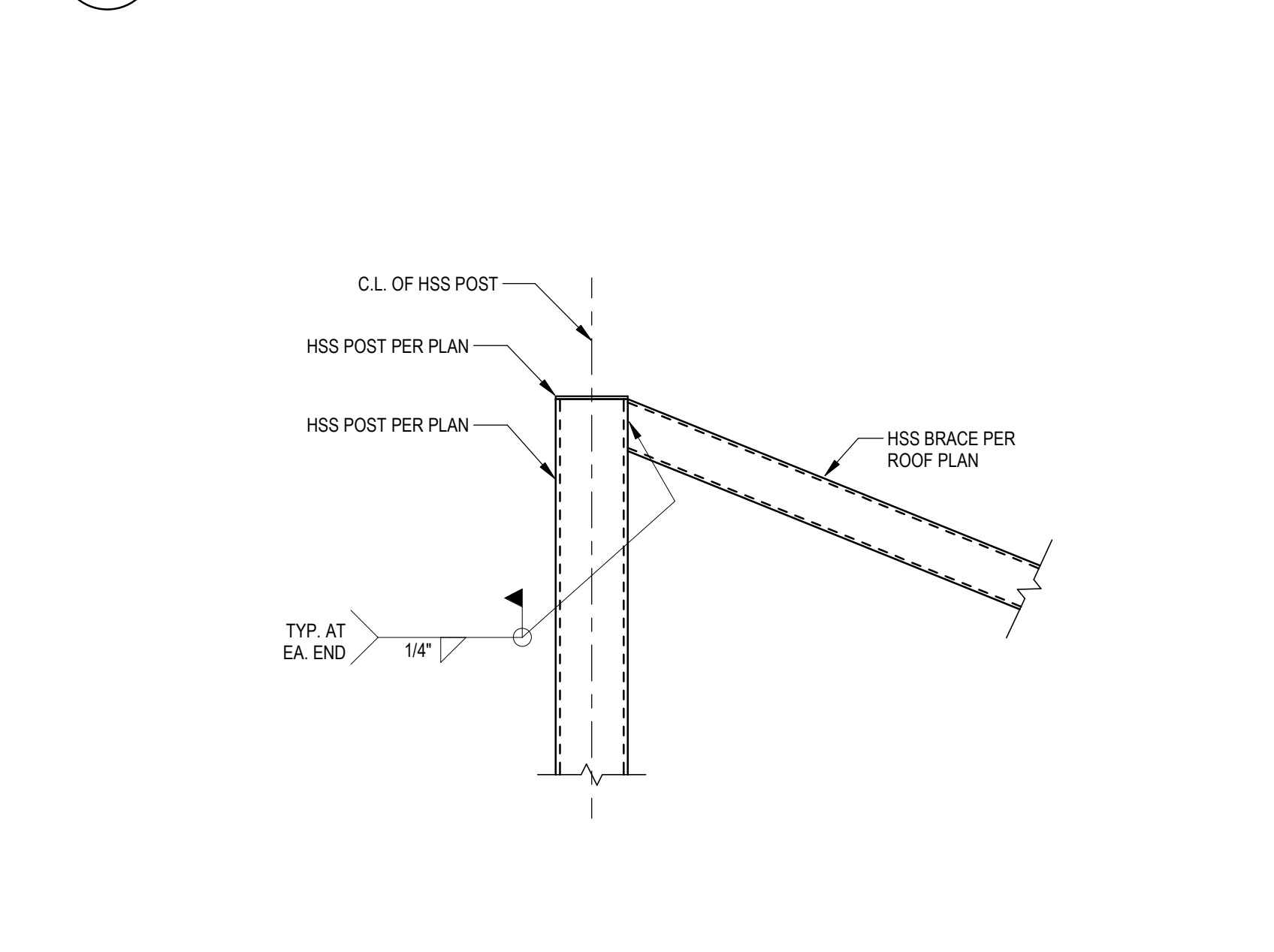
11 ANGLE BRACE TO W-BEAM CONN
S-401 3" = 1'-0"



12 ANGLE BRACE TO OWSJ CONN
S-401 3" = 1'-0"



16 HSS BEAM TO HSS COLUMN - TYPE 2
S-401 1" = 1'-0"



17 HSS BRACE TO STEEL POST CONN.
S-401 1" = 1'-0"

CLIENT WORK NUMBER: **235**

CLIENT INFORMATION: **REI co-op**

PROJECT INFORMATION: **CALLISONRTKL**

CONSULTANT INFORMATION: **AUE**

PROJECT INFORMATION: **REI-GLENWOOD SPRINGS**

3216 S. GLEN AVENUE
GLENWOOD SPRINGS, CO. 81601

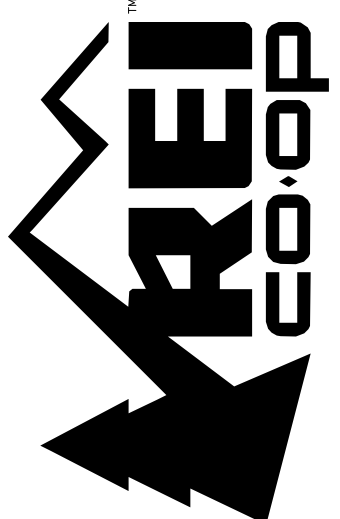
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REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	11/08/21	BID SET
3	12/20/21	BULLETIN #2
4	01/14/22	CONSTRUCTION SET
5	02/16/22	BULLETIN #4

PREPARED BY: **STEEL DETAILS**

PROJECT NUMBER: **S-401**

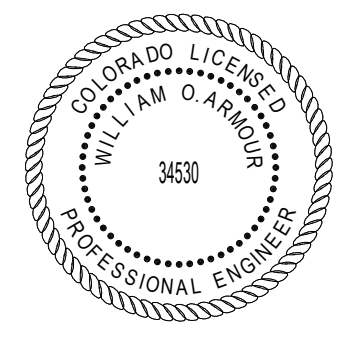


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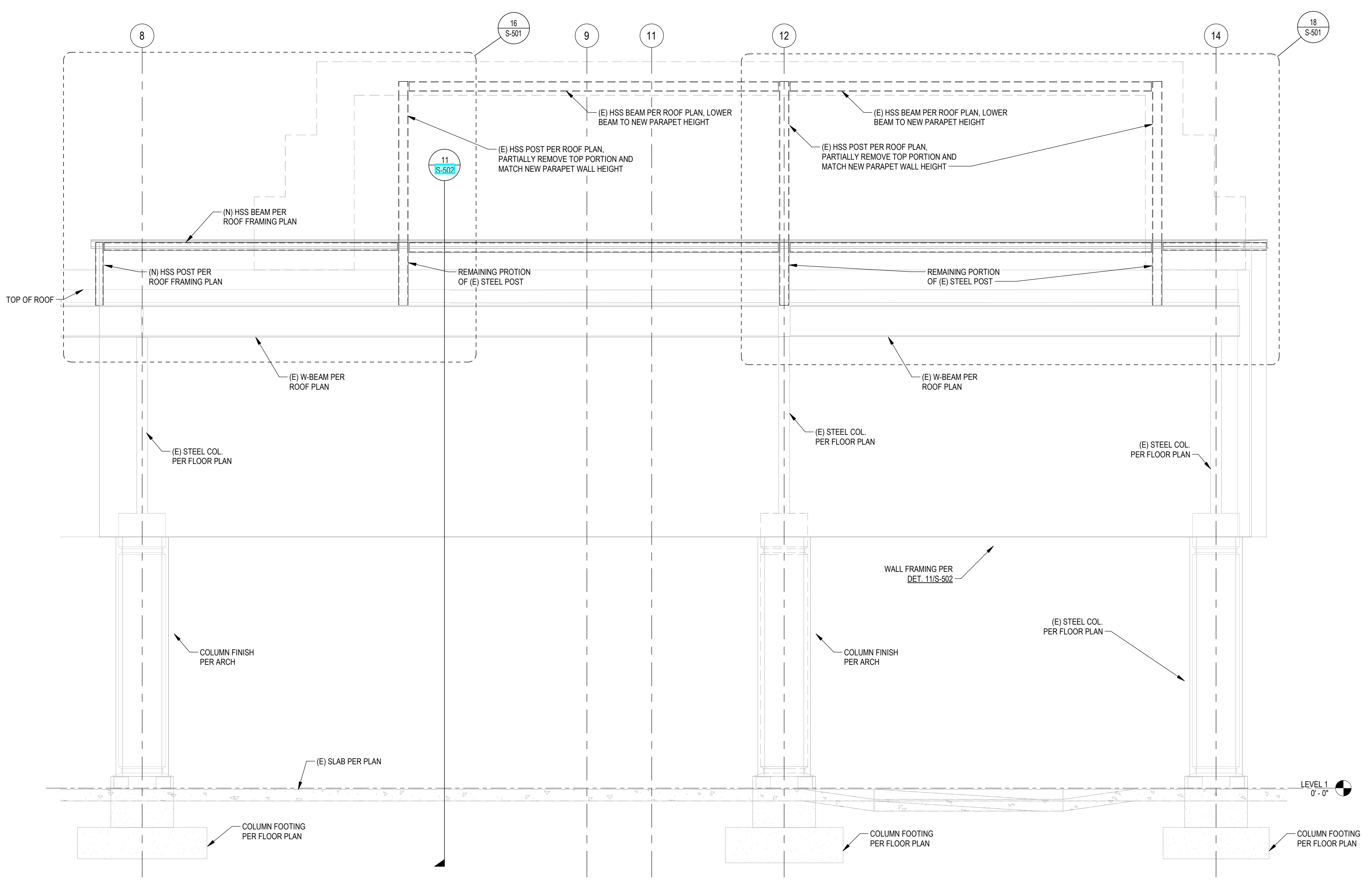


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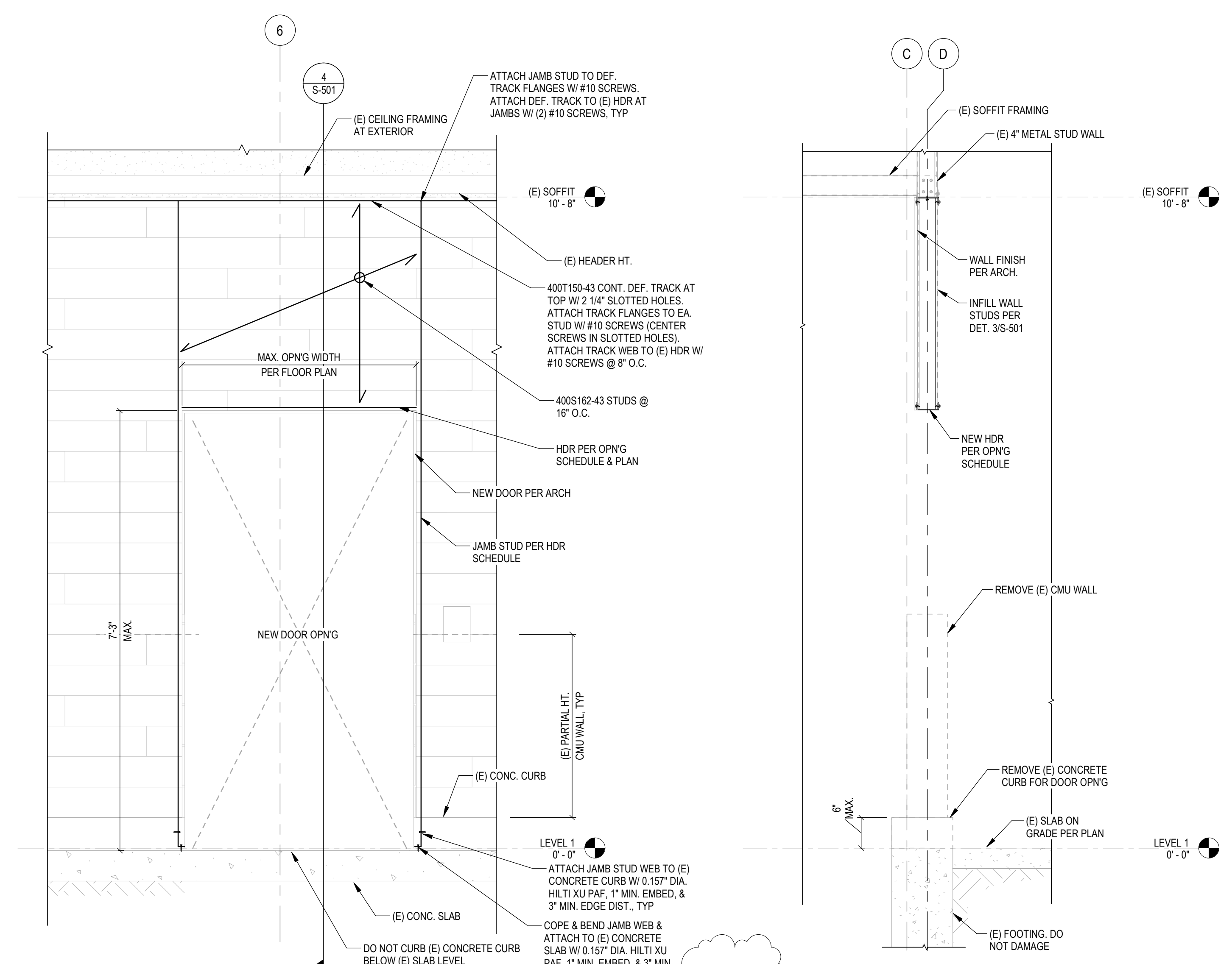
REI-GLENWOOD SPRINGS
3216 S. GLEN AVENUE
GLENWOOD SPRINGS,
CO, 81601



REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
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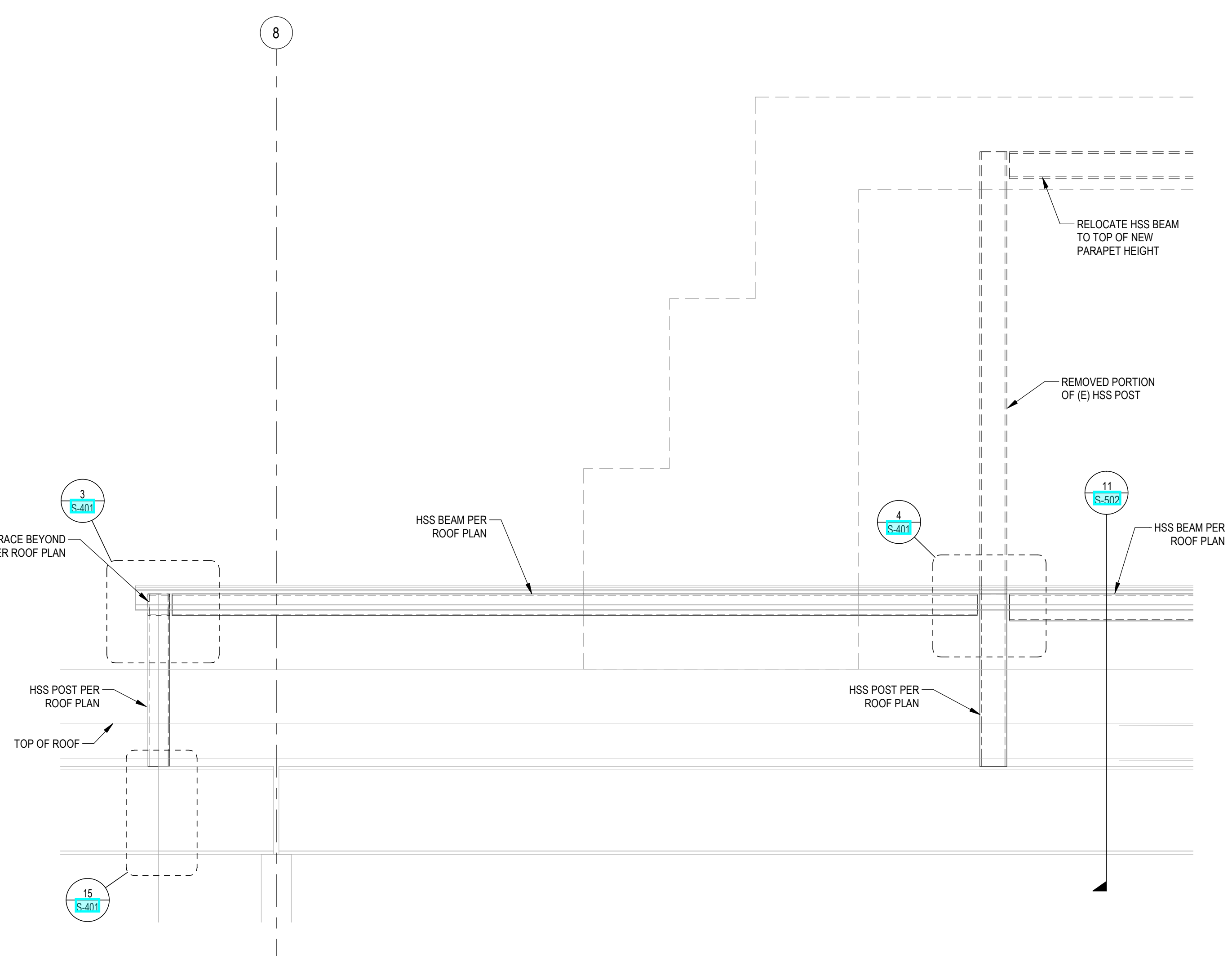


1 STOREFRONT ELEVATION
S-501 3/8" = 1'-0"

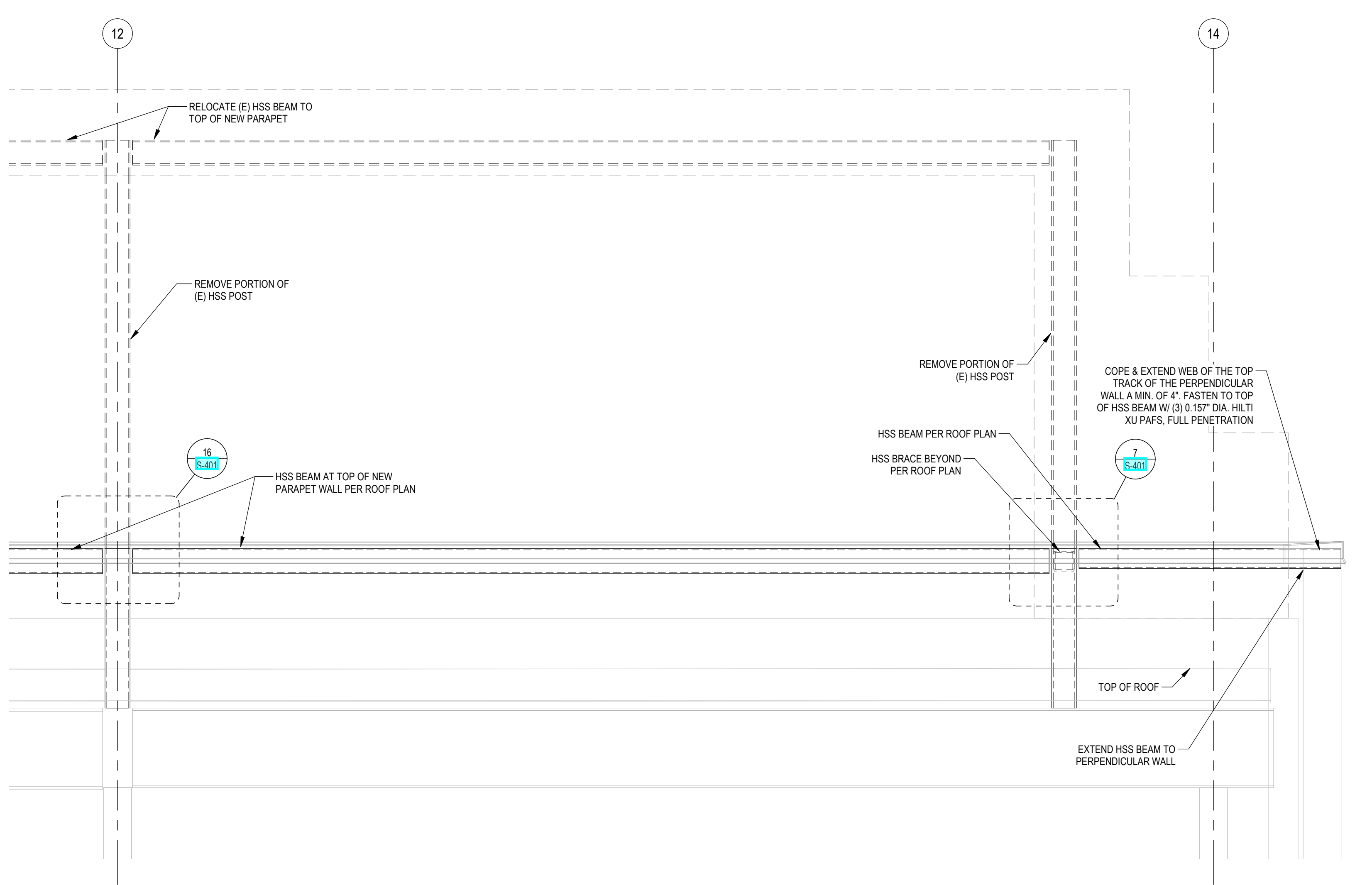


3 OPENING ELEVATION
S-501 3/4" = 1'-0"

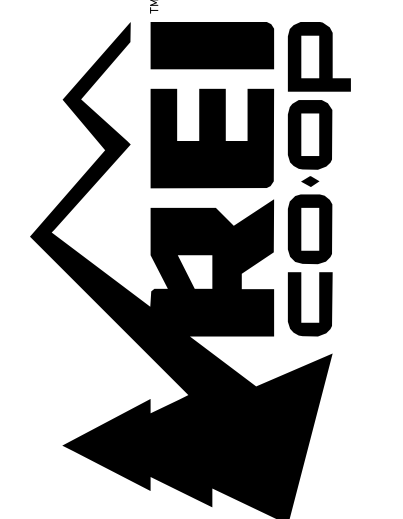
4 SECTION AT OPENING
S-501 3/4" = 1'-0"



16 HSS FRAMING AT PARAPET LVL
S-501 3/4" = 1'-0"



18 HSS BEAMS AND POSTS AT PARAPET LVL
S-501 3/4" = 1'-0"



PROJECT INFORMATION

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CallisonRTKL, LLC
1420 9th Ave. Suite
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006-132864-81

CONSULTANT INFORMATION

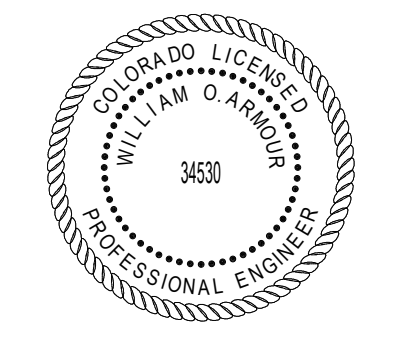


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JOB NO: 21173

PROJECT INFORMATION

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GLENWOOD SPRINGS,
CO, 81601

REGISTERED:



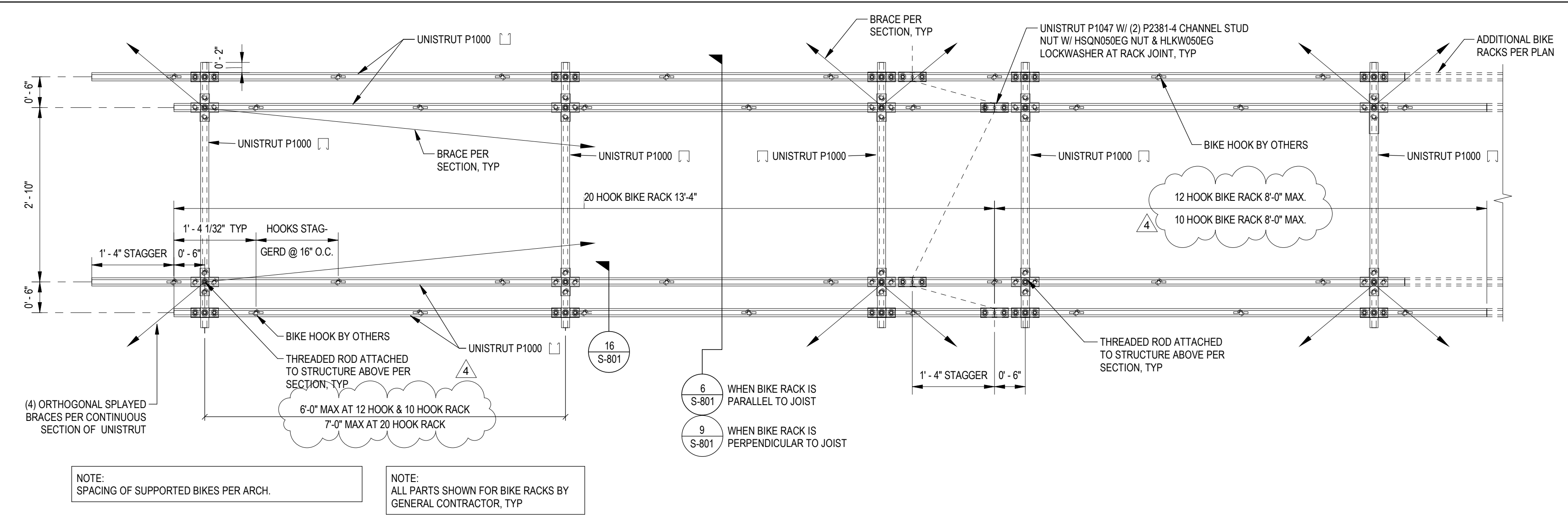
ISSUING SOURCE LOG

REV	DATE	DESCRIPTION
1	11/05/21	PERMIT SET
2	11/08/21	BID SET
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4	01/14/22	CONSTRUCTION SET
5	02/16/22	BULLETIN #4

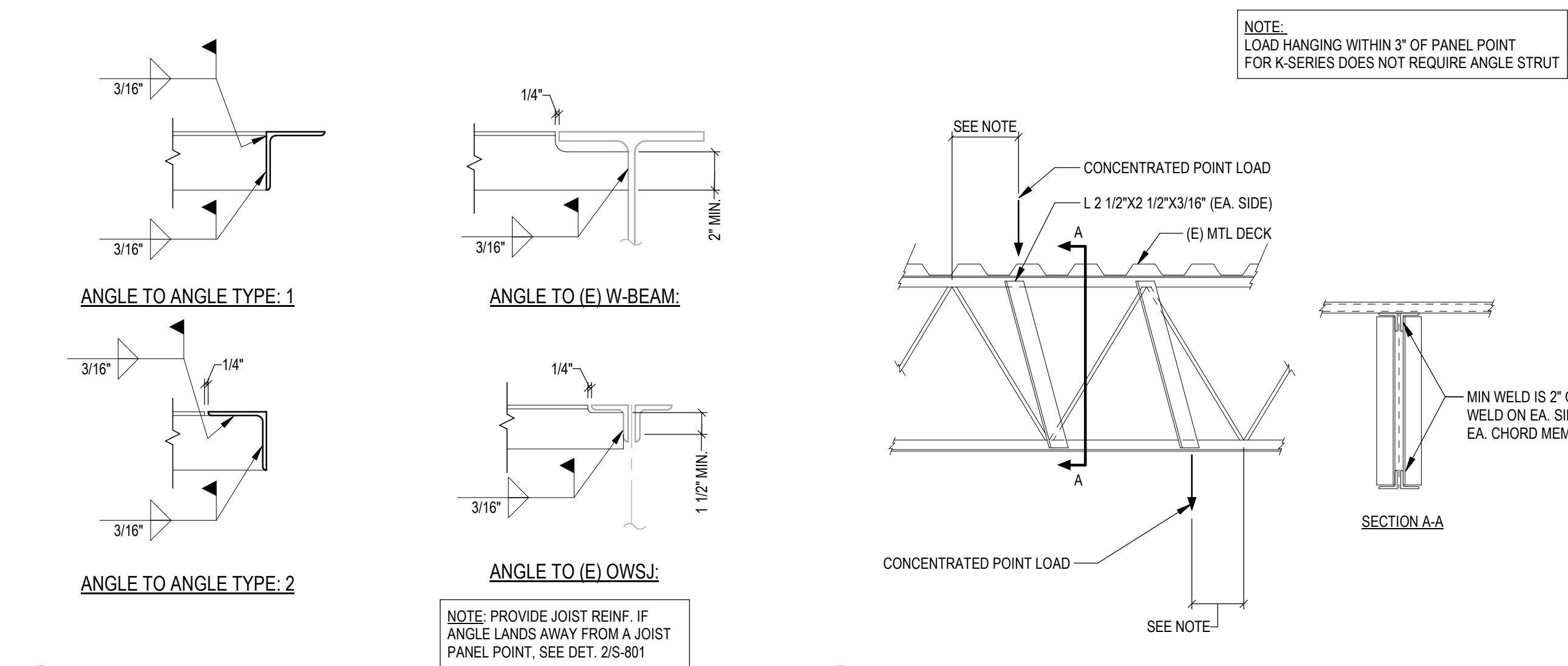
PROJECT TITLE

ROOF SUPPORTED UNITS/FIXTURES

SHEET NUMBER
S-801

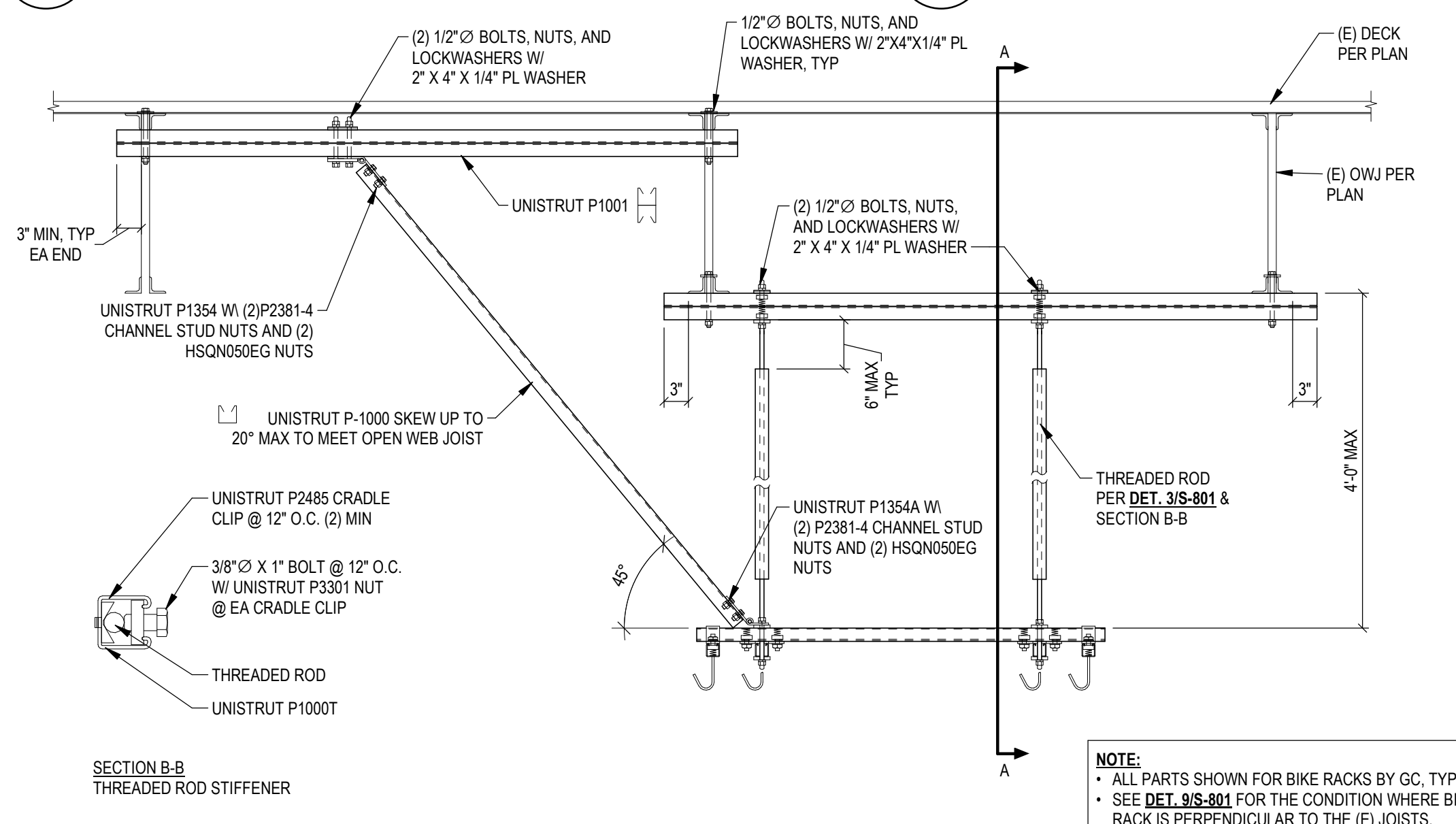


3 TYPICAL SUSPENDED BIKE RACK PLAN
S-801 3/4" = 1'-0"

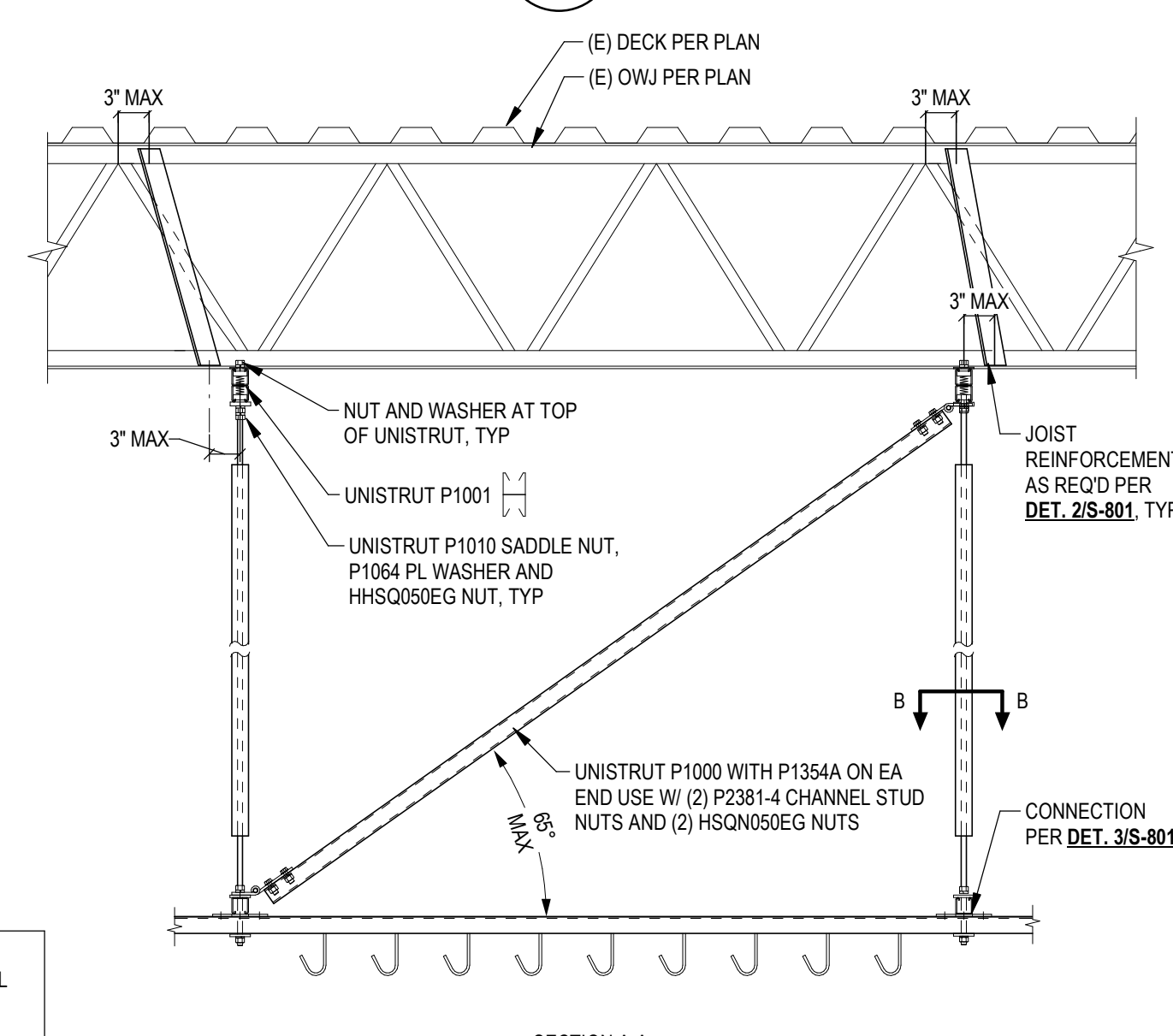


1 TYPICAL ANGLE CONNECTIONS
S-801 1 1/2" = 1'-0"

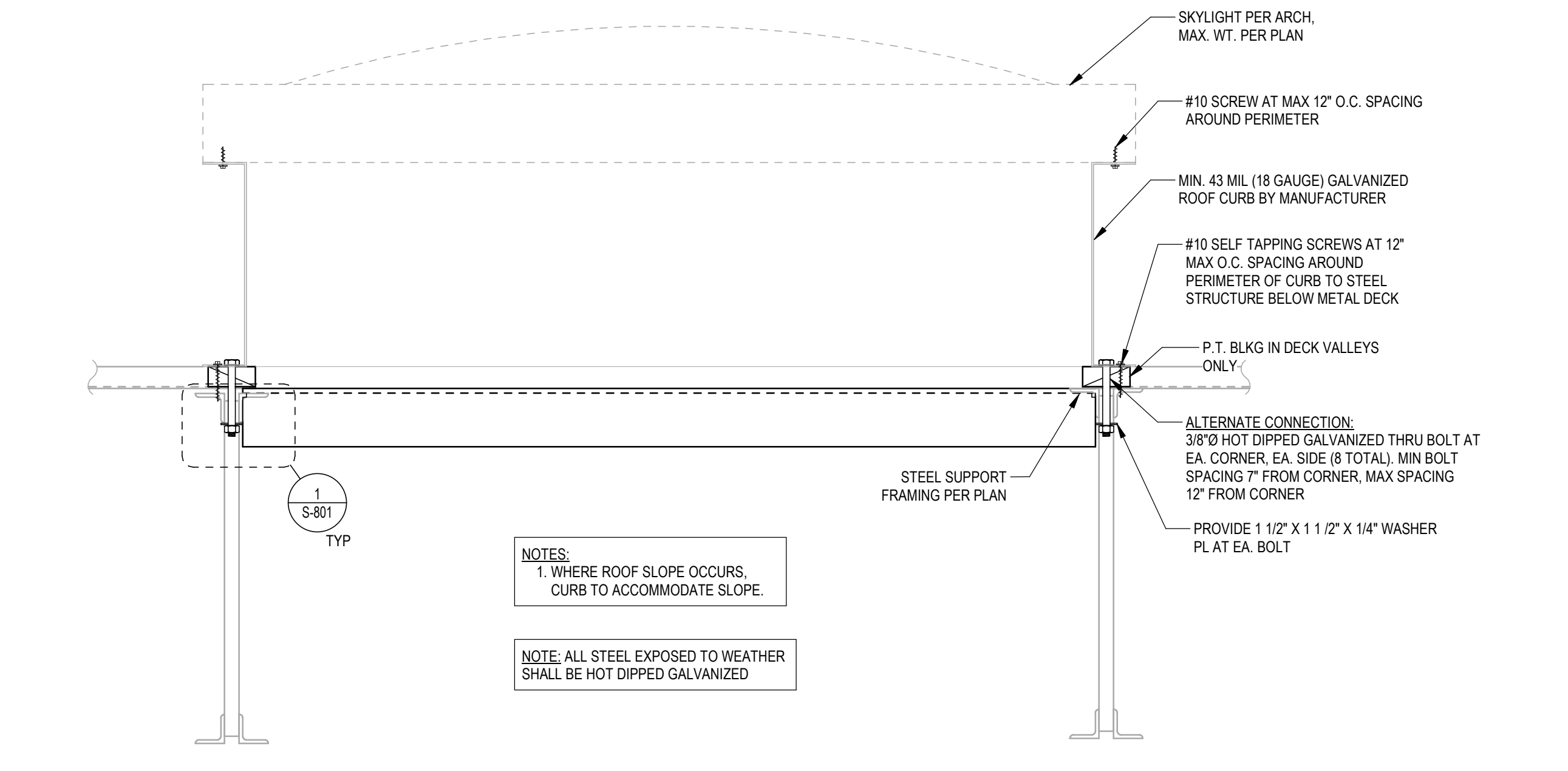
2 TYPICAL JOIST REINFORCEMENT
S-801 3/4" = 1'-0"



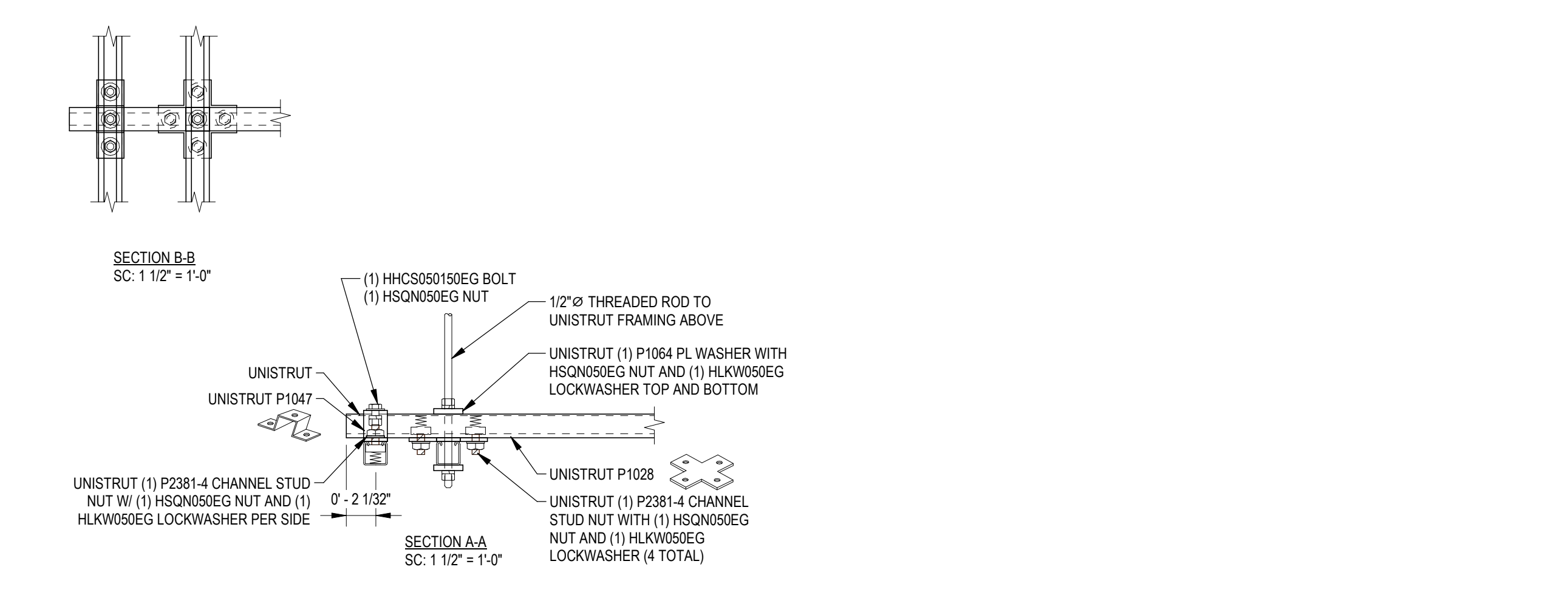
6 SUSPENDED BIKE RACK SECTION PARALLEL TO (E) JOIST
S-801 3/4" = 1'-0"



9 SUSPENDED BIKE RACK SECTION PERPENDICULAR TO (E) JOIST
S-801 3/4" = 1'-0"



11 SKYLIGHT ATTACHMENT
S-801 1 1/2" = 1'-0"



16 BIKE RACK ENLARGED DETAILS
S-801 1 1/2" = 1'-0"