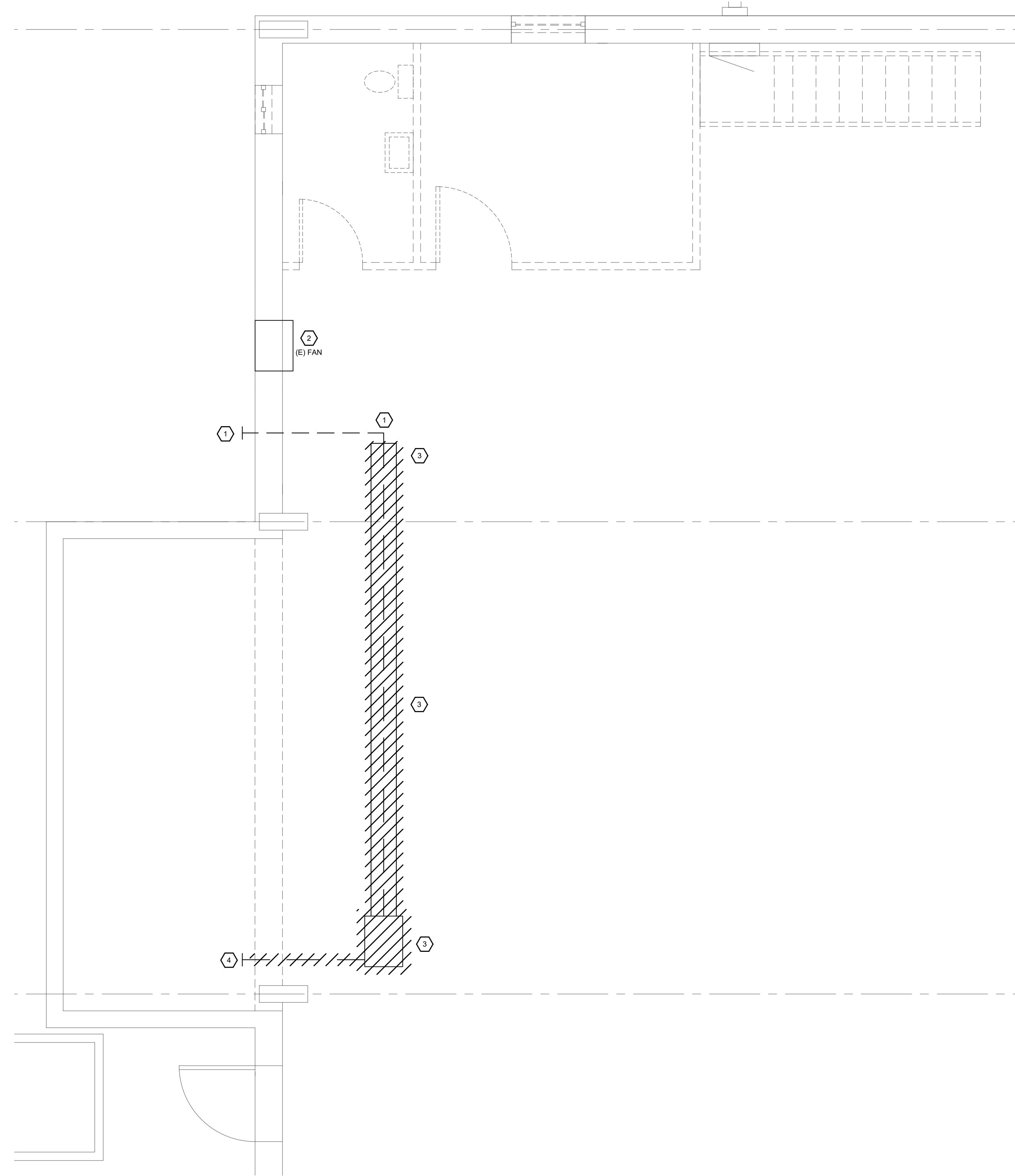
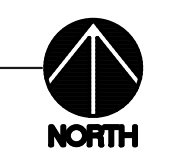


KEY NOTES:

- 1 EXISTING TO REMAIN UNCHANGED
- 2 EXISTING WALL MOUNTED EXHAUST FAN TO REMAIN.
- 3 DEMOLISH INFRARED GAS TUBE HEATER AND SALVAGE FOR RELOCATION PER 1/M1.0.
- 4 DEMOLISH COMBUSTION AIR PIPING AND CAP/SEAL EXISTING PENETRATION, KEEP EXTERNAL INTAKE FITTING FOR REUSE PER 1/M1.0.



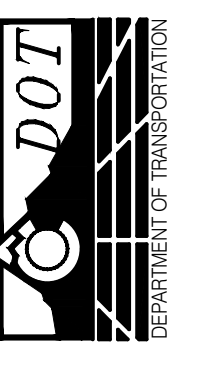
1 MECHANICAL DEMO PLAN
 MD1.0 SCALE: 3/8" = 1'-0"



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6/26/2020	1	70% CONSTRUCTION DOCS
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Colorado Department of Transportation

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RANGELY ADDITION

REGION 3
 2829 EAST SHALE DRIVE
 RANGELY, COLORADO 81648

DRAWN BY: ASF
 DATE: 9/23/2020

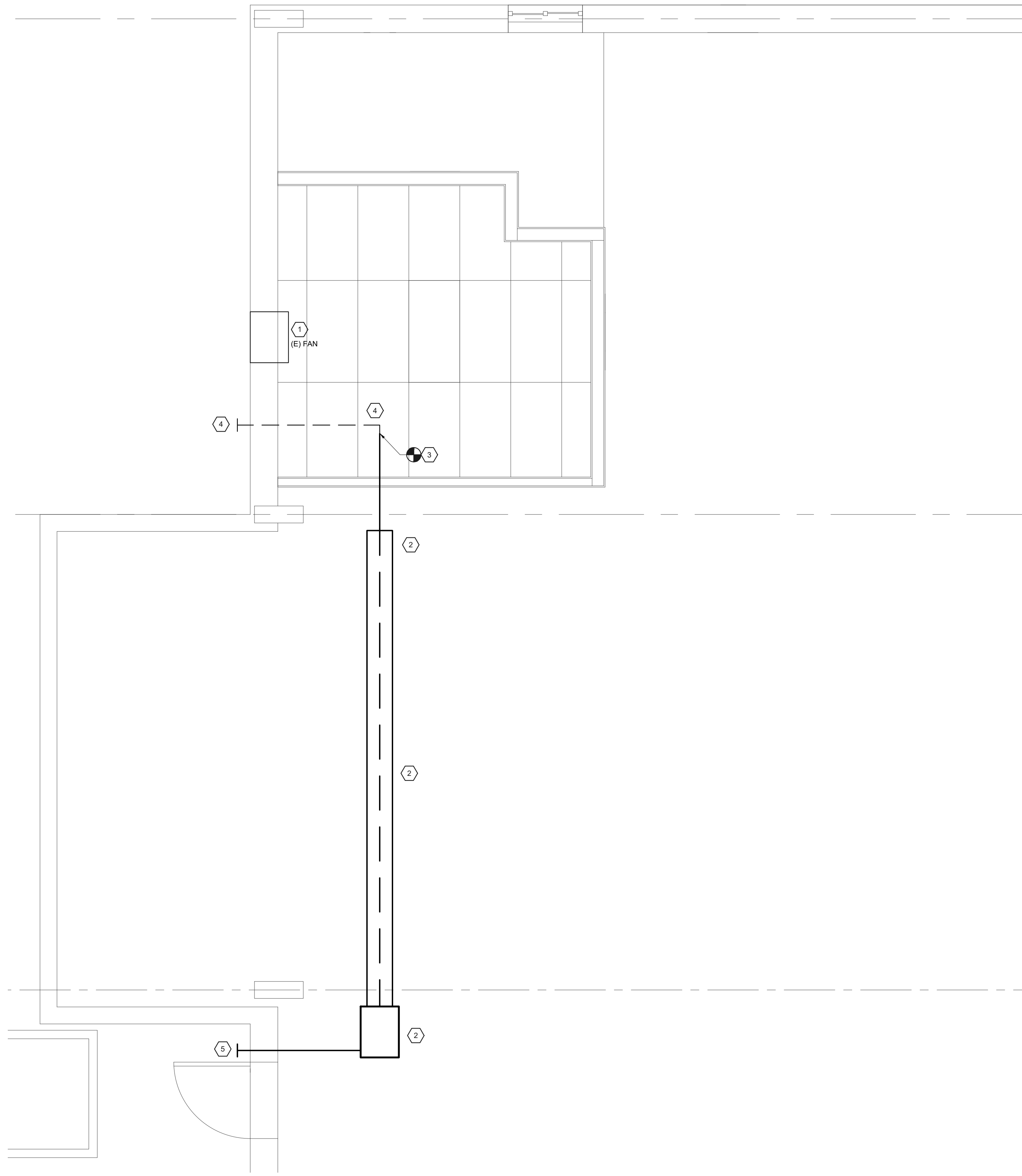
CDOT PROJECT NO.
 17179

DRAWING NUMBER

MD1.0

MEZZANINE KEY NOTES:

- ① EXISTING EXHAUST FAN TO REMAIN.
- ② RELOCATED GAS TUBE HEATER. DEFLECTORS SHALL NOT BE DIRECTLY ABOVE OFFICE 101.
- ③ EXTEND 4"Ø VENT TO RECONNECT TO GAS TUBE HEATER.
- ④ EXISTING 4"Ø VENT TO REMAIN.
- ⑤ NEW AIR INTAKE PENETRATION. REUSE EXISTING INTAKE FITTING. INSTALL BIRD SCREEN IF ONE IS NOT PRESENT.

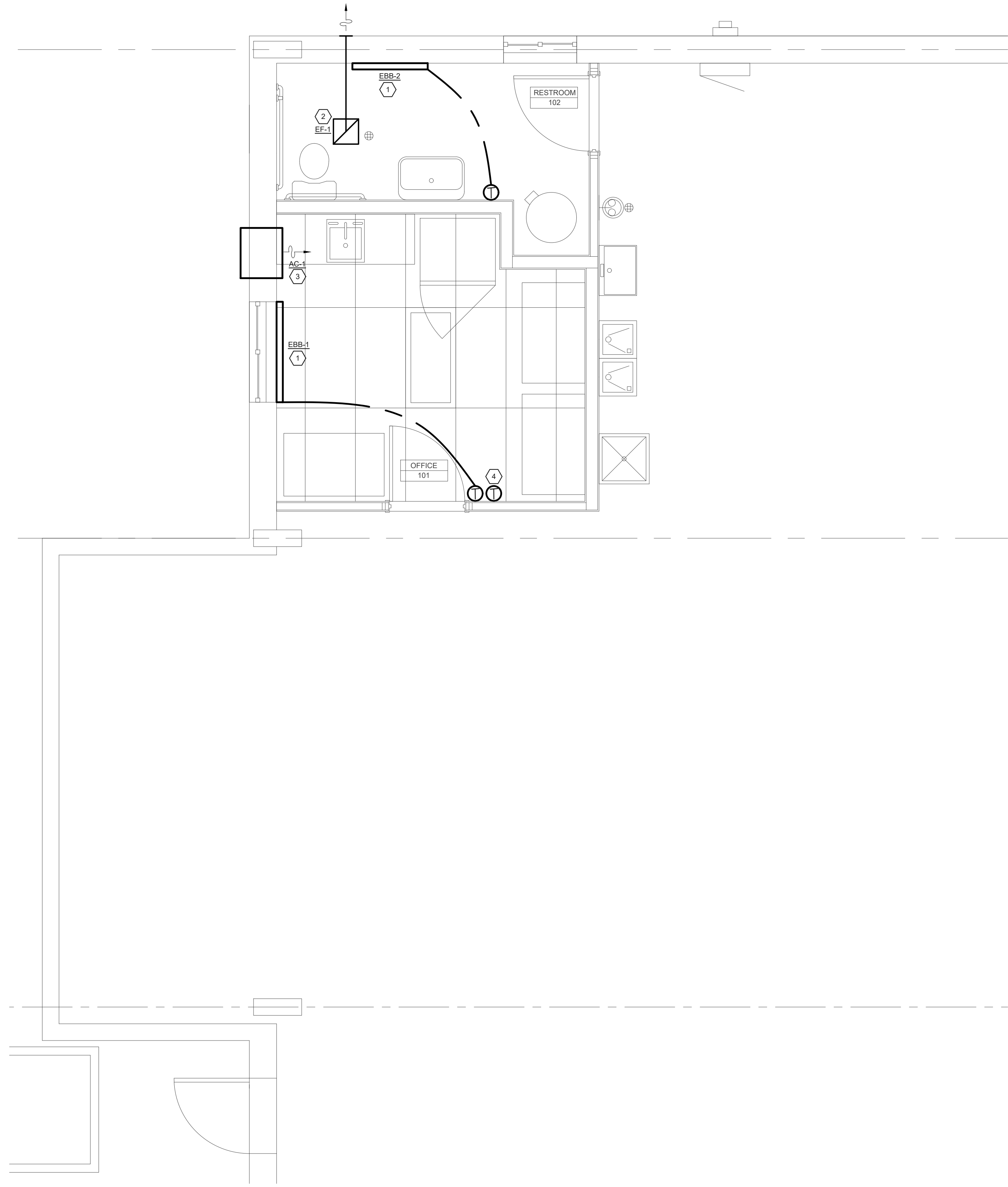


1 MEZZANINE MECHANICAL PLAN
SCALE: 3/8" = 1'-0"



KEY NOTES:

- ① FURNISH AND INSTALL NEW ELECTRIC BASEBOARD HEATER.
- ② FURNISH AND INSTALL NEW CEILING EXHAUST FAN. DUCT TO WALL VENT CAP WITH BIRD SCREEN ON EXTERIOR WALL. PENETRATION SHALL BE AT LEAST 3' FROM OPERABLE OPENINGS.
- ③ FURNISH AND INSTALL NEW THROUGH-WALL AIR CONDITIONING UNIT. MOUNT AS HIGH ON THE WALL AS POSSIBLE.
- ④ FURNISH AND INSTALL WALL MOUNTED HOLDER FOR AC-1 WIRELESS REMOTE CONTROL/THERMOSTAT.



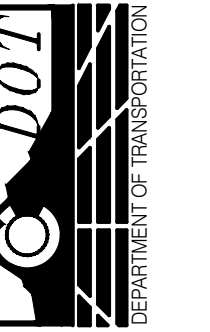
2 MECHANICAL PLAN
SCALE: 3/8" = 1'-0"



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RANGELY ADDITION

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PLUMBING FIXTURE SCHEDULE										
TAG	DESCRIPTION	MANUFACTURER	MODEL NUMBER	FINISH	MANUFACTURER	MODEL NUMBER	FINISH	GPM/GPF	ELECTRICAL	REMARKS
WC-1	WATER CLOSET- FLOOR MOUNTED (ADA)	AMERICAN STANDARD	215AA.104.020	WHITE	CHURCH	9500CT	WHITE	1.28	-	1
L-1	LAVATORY- WALL HUNG (ADA)	DURAVIT	231680000	WHITE	DELTA	3599LF-MPU	CHROME	0.5	-	2,3,6,10,12
S-1	SINK- SINGLE COMPARTMENT (ADA)	JUST	SL-ADA-2117-A-GR	STAINLESS STEEL (18 GA)	DELTA	9193-DST	CHROME	1.8	-	3,6,10
GDU-1	GARBAGE DISPOSAL UNIT	INSINKERATOR	BADGER 5	-	-	-	-	-	120/60/1 1/2 HP	-
MSB-1	MOP SERVICE BASIN	FLORESTONE	MSR2424	WHITE	CHICAGO	445-897SRXKCCP	CHROME	2.2	-	4,14
SS-1	SERVICE SINK FREESTANDING	FLORESTONE	SC	WHITE MOLDED ACRYLIC	KOLHER	K-8907	CHROME	--	-	11,18
FD-1	FLOOR DRAIN	JAY R SMITH	2005-Y-A	NICKEL BRONZE	-	-	-	-	-	7,8
HB-1	HOSE BIBB	CHICAGO	952-CP 3/4"	CHROME	-	-	-	-	-	17
EWC-1	ELECTRIC WATER COOLER (ADA) SURFACE MOUNTED W/ BOTTLE HI/LOW	ELKAY	EZSTL8SC	-	-	-	-	-	115/60/1 5 AMPS	2,3,15,16
EEW-1	EMERGENCY EYE WASH (ADA)	HAWS	7360BTWC	-	-	-	-	-	-	5,9,13
BFP-1	REDUCED PRESSURE BACKFLOW PREVENTER DOMESTIC	WATTS	009QT 1"	-	-	-	-	-	-	17

REMARKS:

- LOOSE KEY ANGLE STOP, STAINLESS STEEL BRAIDED SUPPLY
- PROVIDE WITH CONCEALED FLOOR MOUNTED CARRIER (COORDINATE WITH WALL THICKNESS)
- 17 GA. P-TRAP, LOOSE KEY ANGLE STOPS, STAINLESS STEEL BRAIDED SUPPLIES
- PAIL HOOK, WALL BRACKET, THREAD END, VACUUM BREAKER, INTEGRAL CHECKS & SHUTOFF STOPS
- PROVIDE WITH STAINLESS STEEL BOWL.
- PROVIDE LEONARD #270-LF MIXING VALVE UNDER FIXTURE. (ASSE 1070 RATED)
- PROVIDE WITH TRAP GUARD
- MOUNT FLUSH WITH FLOOR
- PROVIDE WITH BARRIER FREE OPTION.
- PROVIDE WITH TRUEBRO #103 E-Z P-TRAP AND SUPPLIES INSULATION KIT
- FREESTANDING SINK
- SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT
- 3.7 EYE AND FACE WASH. 30 PSI MINIMUM INLET PRESSURE.
- HOSE AND HOSE BRACKET, 3 MOP HANGER, SS WALL GUARD.
- PROVIDE WITH 3-PACK OF FILTERS FOR OWNER STOCK
- VANDAL PROOF
- PROVIDE WITH STRAINER.
- WALL BRACKET, THREAD END, VACUUM BREAKER
-

PLUMBING FIXTURE CONNECTION SCHEDULE						
TAG	CW [IN.]	HW [IN.]	HWC [IN.]	WASTE [IN.]	VENT [IN.]	REMARKS
WC-1	1/2"	--	--	4"	2"	--
L-1	1/2"	1/2"	1/2"	2"	1-1/2"	1
S-1	1/2"	1/2"	--	2"	1-1/2"	--
GDU-1	--	--	--	--	--	--
MSB-1	1/2"	1/2"	--	3"	2"	--
SS-1	1/2"	1/2"	--	2"	1-1/2"	--
FD-1	--	--	--	2"	2"	--
HB-1	3/4"	--	--	--	--	--
EWC-1	1/2"	--	--	2"	1-1/2"	--
EEW-1	--	3/4"	--	2"	--	2
BFP-1	SEE PLAN	--	--	2" DRAIN TO MOP BASIN	--	--

REMARKS:

- CONNECT HOT WATER RECIRCULATION TO HOT WATER LINE PER 2015 IECC TABLE C404.5.1
- CONNECTION FOR 80F TEPID WATER

ELECTRIC WATER HEATER SCHEDULE											
TAG	MANUFACTURER & MODEL	GPH RECOVERY AT 100°F RISE	GALLON CAPACITY	HEIGHT	DIAMETER	OPER. LBS.	ELECTRICAL				REMARKS
							VOLTAGE	PHASE	KW	FLA	
EWH-1	AO SMITH DEL-30	24	30	31	22	350	240	1	6	25	1,2

REMARKS:

- SET WATER HEATER TO STORE WATER AT 140 F
- PROVIDE WITH MAGNESIUM ANODE ROD

PLUMBING MISCELLANEOUS SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL NUMBER	REMARKS
PET-1	PLUMBING EXPANSION TANK	ARMSTRONG	AST-5 ASME RATED	1
TMV-1	THERMOSTATIC MIXING VALVE (BUILDING)	LEONARD	LV-20-E-LF ASSE 1017	2
TMV-2	THERMOSTATIC MIXING VALVE EMERGENCY	HAWS	9201EFE ANSI Z358.1	3,4

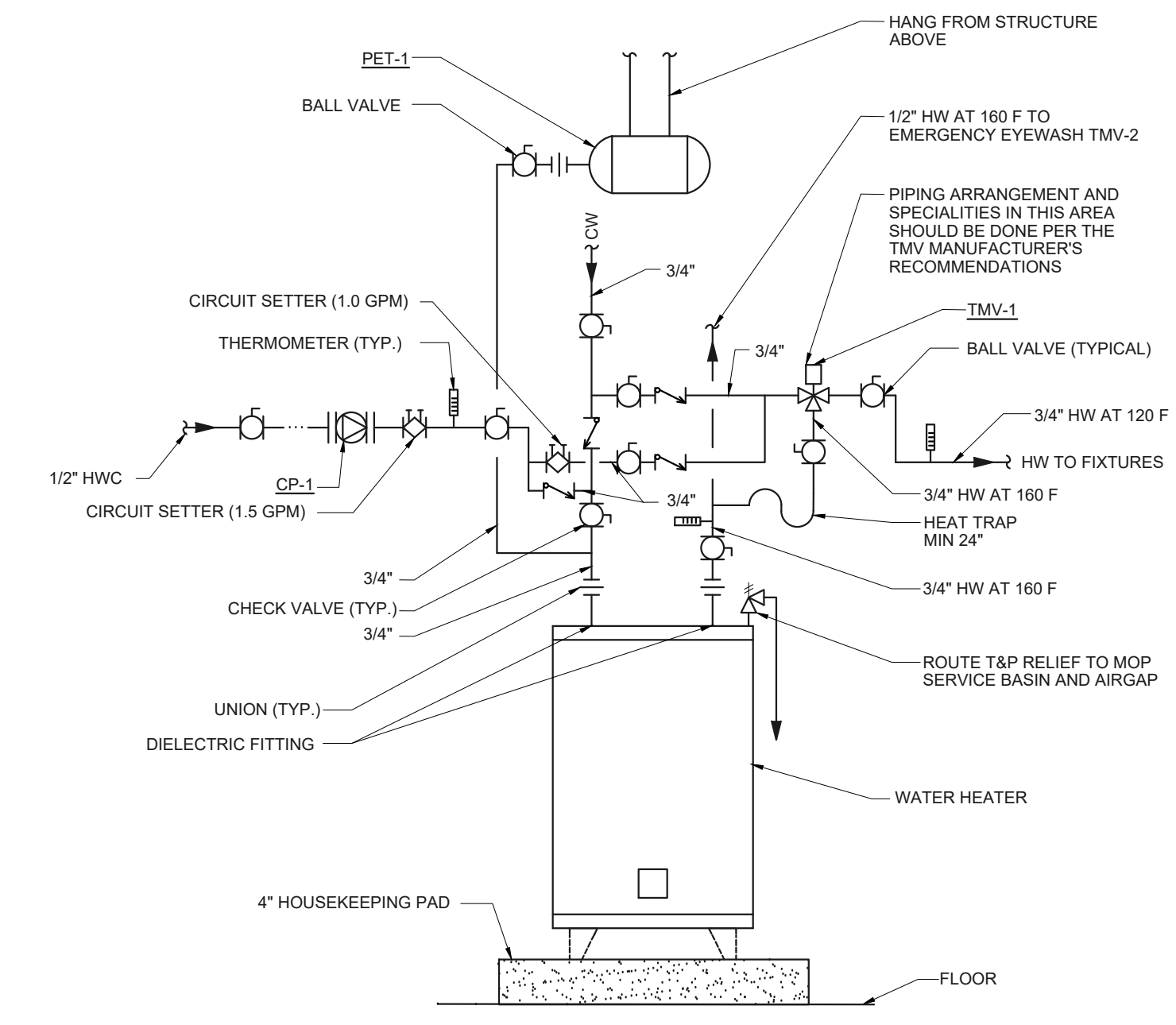
REMARKS:

- 2.3 GALLON ACCEPTANCE VOLUME
- 1 GPM MINIMUM FLOW, 15 PSI LOSS AT 12 GPM.
- 1 GPM MINIMUM FLOW, 5 PSI LOSS AT 5 GPM.
- 180 F MAXIMUM INLET TEMPERATURE

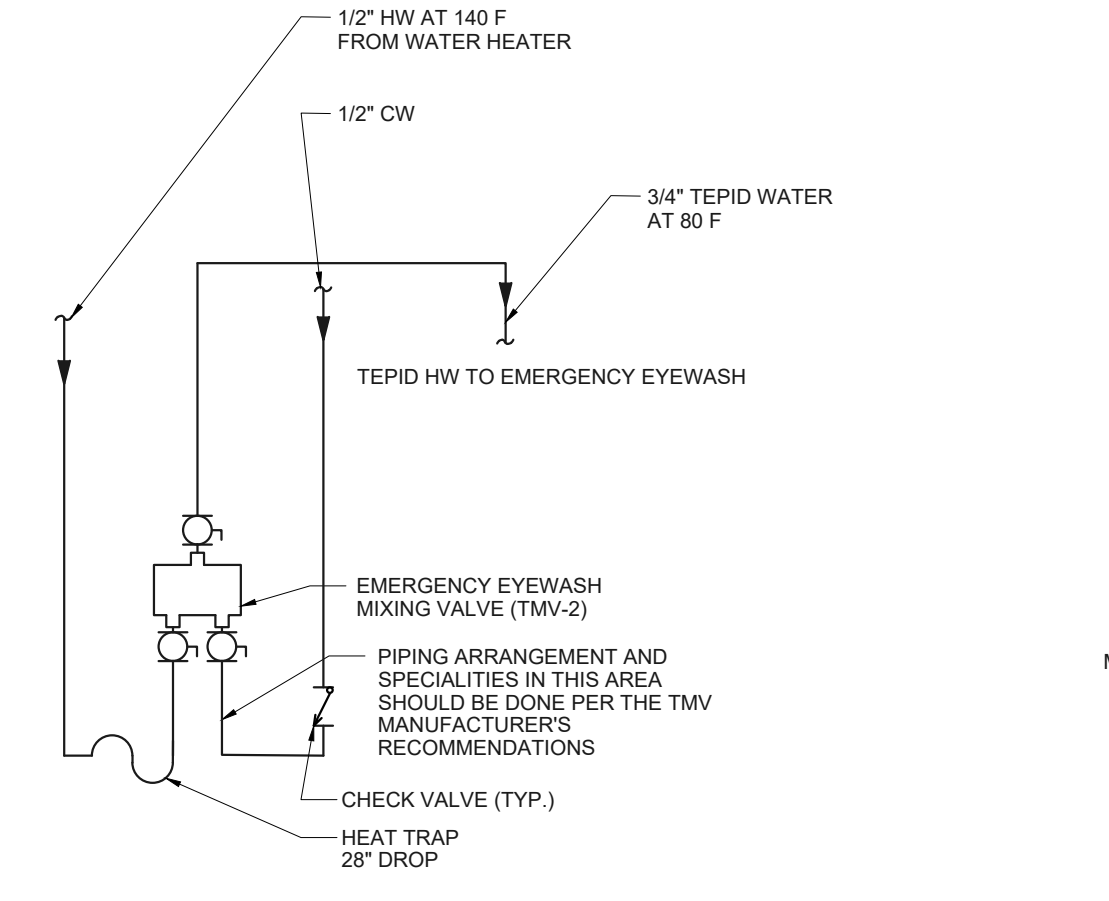
RECIRCULATION PUMP SCHEDULE												
GENERAL				PERFORMANCE				ELECTRICAL				NOTES
TAG	MANUFACTURER	MODEL#	SYSTEM	FLOW [GPM]	HEAD [FT.]	POWER [HP]	VOLTAGE [V]	PHASE	FREQUENCY [HZ]	SPEED [RPM]		
CP-1	BELL & GOSSETT	PL-30	EWH-1	2	19	1/12	115	1	60	2650	1,2	

NOTES:

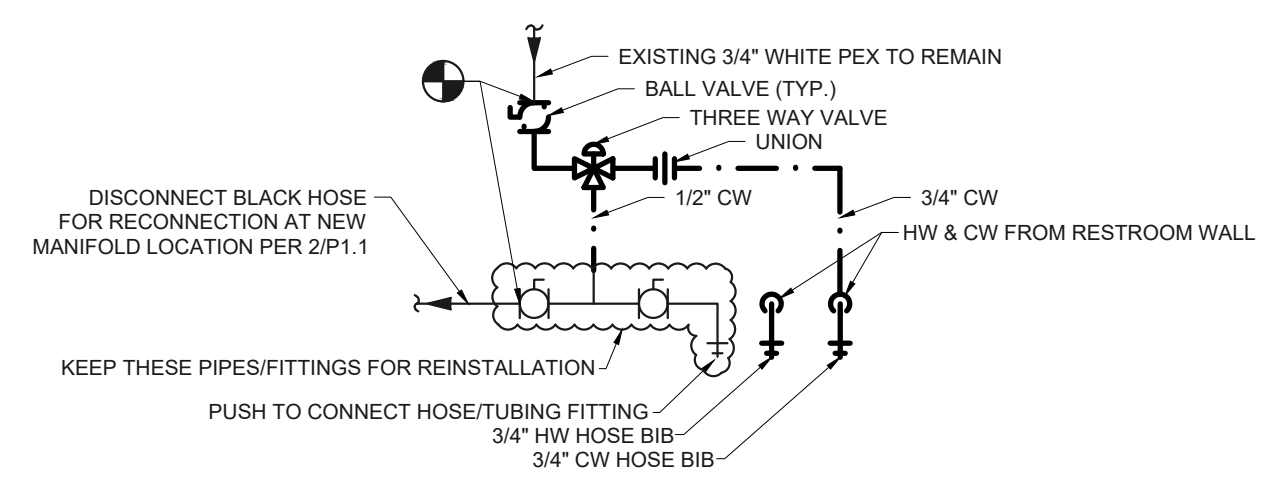
- LEAD FREE BRONZE
- PROVIDE WITH AQUASTAT AND TIMELOCK TO RUN DURING OCCUPIED HOURS



1 WATER HEATER DETAIL
SCALE: NTS



2 DOMESTIC WATER MANIFOLD DETAIL
SCALE: NTS

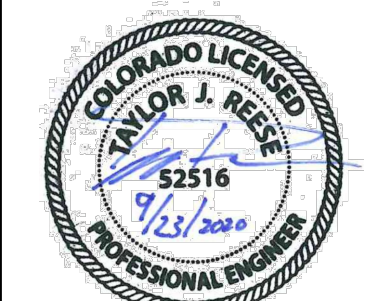


PLUMBING NOTES

- GENERAL
 - THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND NOT INTENDED TO SHOW ALL TRANSITIONS, OFFSETS, ETC. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROVIDE ALL NECESSARY FITTINGS TO COMPLETE THE INTENT OF THE DRAWINGS. ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS SHALL BE REPORTED TO THE DESIGN ENGINEER FOR RESOLUTION.
 - CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AND NOTIFY CDOT REPRESENTATIVE IF ANY CONFLICTS OCCUR.
 - CONTRACTOR SHALL REVIEW THESE DOCUMENTS CAREFULLY. CONTRACTOR SHALL CONTACT CDOT REPRESENTATIVE FOR RESOLUTION OF ANY DISCREPANCIES, OMISSIONS, OR CLARIFICATIONS, BEFORE BID DATE. IN THE EVENT THAT AN INTERPRETATION OF BID DOCUMENTS IS NECESSARY AFTER THE BID DATE, THE DECISION OF CDOT SHALL BE FINAL AND BINDING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF ALL CHANGE ORDERS, WHICH THE OWNER AND ENGINEER HAVE NOT APPROVED IN WRITING PRIOR TO THE EXECUTION OF THE ASSOCIATED WORK.
 - IN THE CASE OF A CONFLICT, UNLESS OTHERWISE NOTED, KEYNOTES ON PLUMBING PLANS SHALL SUPERCEDE ANY GENERAL NOTES ON THE PLANS.
- EXECUTION
 - ALL PLUMBING WORK SHALL COMPLY WITH LOCAL CODES AND ORDINANCES.
 - PITCH WASTE LINES NOT LESS THAN 1/4" PER FOOT. (UNLESS NOTED OTHERWISE).
 - INSULATE ALL COLD WATER AND INDIRECT WASTE PIPING WITH 1" PREFORMED FIBERGLASS PIPE INSULATION WITH A "K" FACTOR OF 0.23 MAXIMUM AT 75 °F MEAN TEMPERATURE. INSULATE ALL HOT WATER PIPING 1-1/4" AND SMALLER WITH 1" PREFORMED FIBERGLASS PIPE INSULATION WITH A "K" FACTOR OF 0.23 MAXIMUM AT 100 °F MEAN TEMPERATURE. INSULATE ALL HOT WATER PIPING 1-1/2" AND LARGER WITH 1-1/2" PREFORMED FIBERGLASS PIPE INSULATION WITH A "K" FACTOR OF 0.23 MAXIMUM AT 100 °F MEAN TEMPERATURE. USE FLEXIBLE ELASTOMERIC CLOSED-CELL FOAM INSULATION ON PEX PIPING WITH SAME K FACTORS AND INSULATION THICKNESSES AS FOR FIBERGLASS INSULATION.
 - RUN ALL PIPING ON WARM SIDE OF BUILDING INSULATION. PIPE INSULATION IS NOT CONSIDERED FREEZE PROTECTION.
 - PROVIDE DIELECTRIC UNIONS AT CONNECTIONS BETWEEN DISSIMILAR METALS, I.E., IRON VALVES AND COPPER TUBING.
 - PROVIDE PIPE HANGERS OF THE SAME MATERIAL AS THE PIPING SYSTEM OR USE COATED HANGERS.
 - SET FLOOR DRAINS SO THAT TOP WILL BE SLIGHTLY LOWER THAN SURROUNDING FLOOR.
 - PROVIDE BALL VALVES AND UNIONS ON ALL LINES TO EQUIPMENT FOR ISOLATION AND REMOVAL.
 - THE CONTRACTOR SHALL X-RAY THE FLOOR BEFORE SAW CUTTING ANY FLOOR FOR UNDERGROUND PLUMBING PIPING.
 - WHERE REMOVAL OR RELOCATION OF EXISTING FIXTURES OCCURS, CONTRACTOR SHALL REMOVE ALL WASTE AND VENT BRANCH LINES NOT REQUIRED FOR NEW, OR REMAINING FIXTURE LOCATIONS.
 - WHERE PIPING HAS BEEN REMOVED FROM FLOOR PENETRATIONS, CONTRACTOR SHALL PATCH CONCRETE FLOOR TO MATCH EXISTING CONDITIONS.
 - FLUSH DOMESTIC WATER SYSTEMS PER 2018 IPC 610.1.

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RANGELY ADDITION
 REGION 3
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 RANGELY, COLORADO 81648

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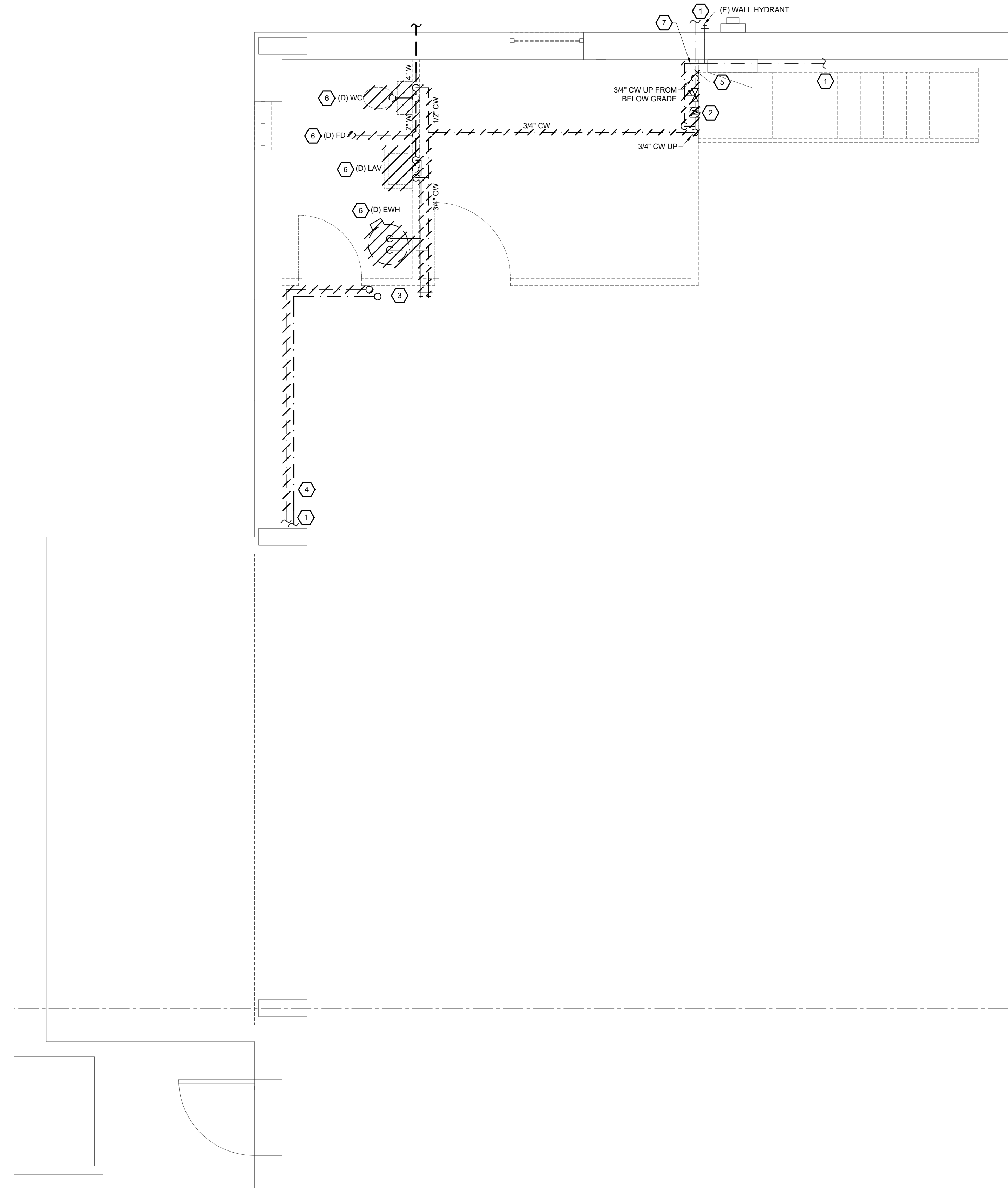
CDOT PROJECT NO. 17179

DRAWING NUMBER

P.O.0

KEY NOTES:

- 1 EXISTING TO REMAIN UNCHANGED
- 2 WATER ENTRY METER, PRV, AND VALVES INSIDE ACCESS PANEL TO BE DEMOLISHED. METER TO BE REUSED PER 1/P1.1
- 3 SEE DETAIL 2/P0.0 FOR FURTHER DETAIL OF WATER PIPING ON THIS WALL. DEMOLISH ALL ITEMS SHOWN ASIDE FROM THOSE CLOUDED FOR REUSE/REINSTALLATION.
- 4 WHITE PEX TUBING TO BE DEMOLISHED BACK TO THIS POINT FOR RECONNECTION TO NEW MANIFOLD LOCATION PER 1/P1.1. DISCONNECT BLACK HOSE FROM CONNECTION SHOWN ON DETAIL 2/P0.0. HOSE WILL NOW BE CONNECTED TO THE NEW MANIFOLD IN THIS LOCATION PER 2/P1.1.
- 5 DEMOLISH 3/4" WATER ENTRY PIPE TO BELOW GRADE FOR NEW BELOW GRADE ROUTING PER 2/P1.1.
- 6 DEMOLISH ALL RESTROOM FIXTURES AND WATER HEATER. DEMOLISH ALL ASSOCIATED DOMESTIC, WASTE AND VENT PIPING. DEMOLISH ALL VENT PIPING BACK TO EXISTING VTR PENETRATION WHICH WILL BE REUSED.
- 7 EXISTING CW PIPING SERVING EXTERNAL WALL HYDRANTS TO REMAIN FOR RECONNECTION PER 2/P1.1



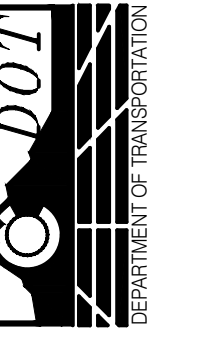
1 PLUMBING DEMO PLAN
 SCALE: 1/8" = 1'-0"



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MEZZANINE KEY NOTES:

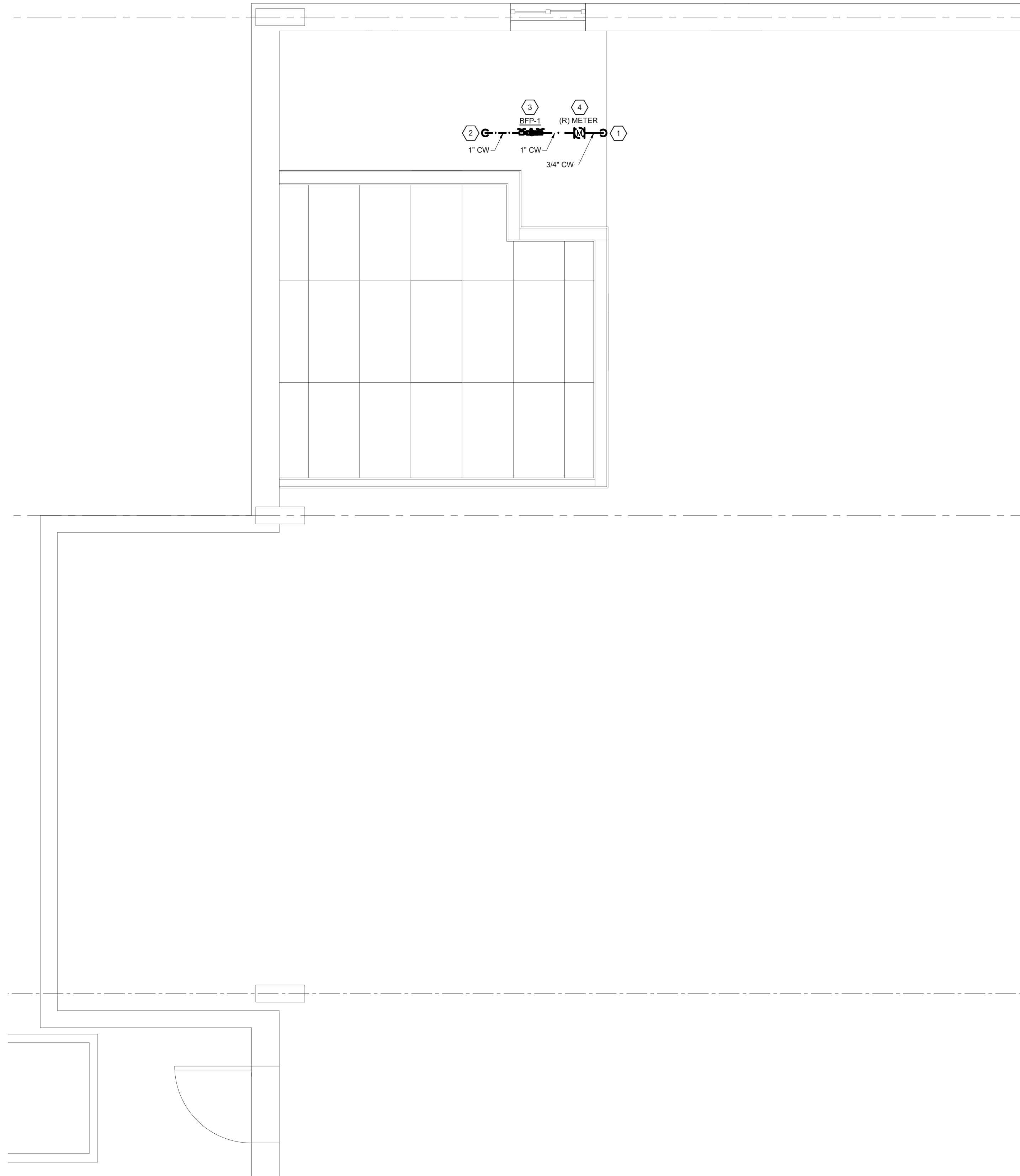
- 1 3/4" CW DOWN IN WALL FROM FLOOR BELOW.
- 2 1" CW DOWN TO CEILING SPACE IN BATHROOM BELOW.
- 3 FINISH AND INSTALL BACKFLOW PREVENTER AND A PRESSURE REDUCING VALVE. INSTALL 2" DRAIN PIPE DIRECTLY OFF THE BOTTOM OF THE BACKFLOW PREVENTER WITH AIRGAP. ROUTE DRAIN PIPE INTO MSB-1. INSTALL WITH ALL MANUFACTURER SPECIFIED CLEARANCES.
- 4 RELOCATED METER INSTALLED IN THIS LOCATION.

GENERAL NOTE:

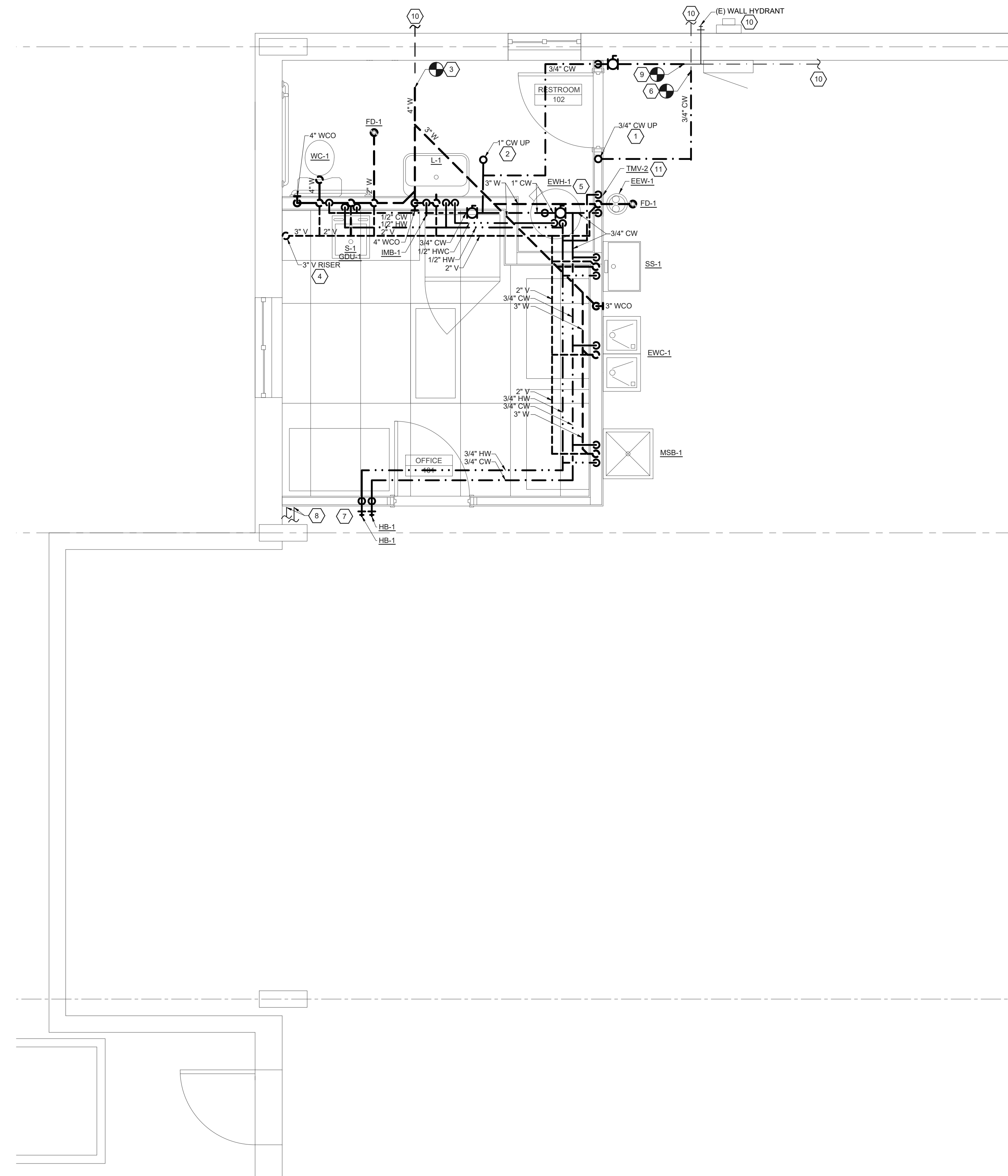
PLUMBING CONTRACTOR SHALL REFER TO FIXTURE CONNECTION SCHEDULE ON P0.0 FOR ALL FIXTURE CONNECTION SIZES. CONTRACTOR TO FURNISH AND INSTALL ALL FIXTURES.

KEY NOTES:

- 1 COLD WATER PIPE FROM BELOW GRADE UP TO WATER ENTRY EQUIPMENT ON MEZZANINE ABOVE. LABEL ALL PIPING UPSTREAM OF WATER ENTRY EQUIPMENT "DO NOT TAP" (LABEL IN WALL PIPING ALSO).
- 2 COLD WATER PIPE DOWN FROM MEZZANINE WATER ENTRY EQUIPMENT, ROUTED IN CEILING.
- 3 CONNECT TO EXISTING WASTE MAIN. EXACT LOCATION UNKNOWN, CONTRACTOR TO VERIFY LOCATION PRIOR TO ROUTING NEW WASTE PIPING.
- 4 ROUTE 3" VENT PIPE UP THROUGH MEZZANINE, TRANSITION NEAR ROOF STRUCTURE TO CONNECT TO EXISTING VTR. UPSIZE EXISTING VTR TO 3" IF NEEDED.
- 5 FURNISH AND INSTALL EWH-1 PER DETAIL 1/P0.0. ROUTE T&P RELIEF DRAIN IN WALL TO DISCHARGE TO MSB-1.
- 6 CONNECT NEW 3/4" CW TO EXISTING WATER ENTRY PIPE BELOW GRADE. ROUTE BELOW GRADE TO RISE WITHIN WALL.
- 7 INSTALL AN IDENTICAL DETAIL TO 2/P0.0 IN THIS NEW LOCATION WHERE HOSE BIBS ARE SHOWN. REUSE ITEMS SHOWN CLOUDED TO REMAIN, REPLACE ALL OTHERS. LABEL HOT WATER HOSE BIB AS "HOT" AND COLD WATER HOSE BIB AS "COLD"
- 8 RECONNECT BLACK HOSE TO MANIFOLD AT THIS LOCATION. RECONNECT MANIFOLD TO DEMOLISHED WHITE PEX STUB IN THIS LOCATION.
- 9 ROUTE 3/4" CW ALONG WALL TO RECONNECT TO EXISTING CW PIPE SERVING EXTERNAL WALL HYDRANTS.
- 10 EXISTING TO REMAIN UNCHANGED.
- 11 FURNISH AND INSTALL TMV ON WALL WITH 1/2" HW, 1/2" CW, AND 3/4" TEPID CONNECTIONS.



1 MEZZANINE PLUMBING PLAN
 SCALE: 3/8" = 1'-0"



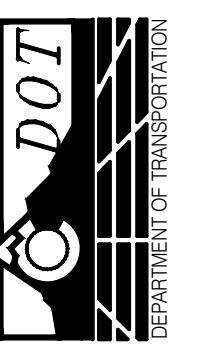
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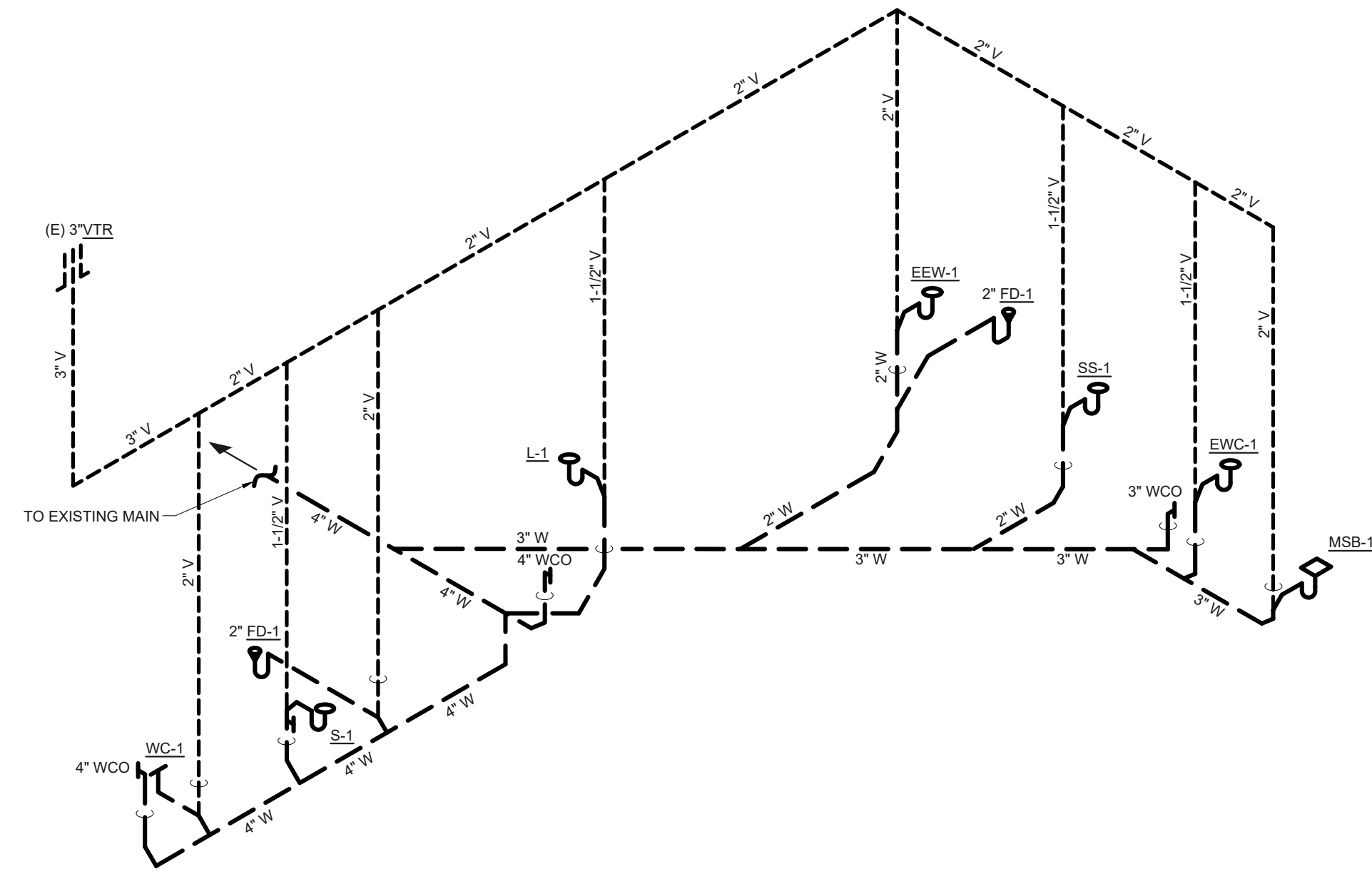


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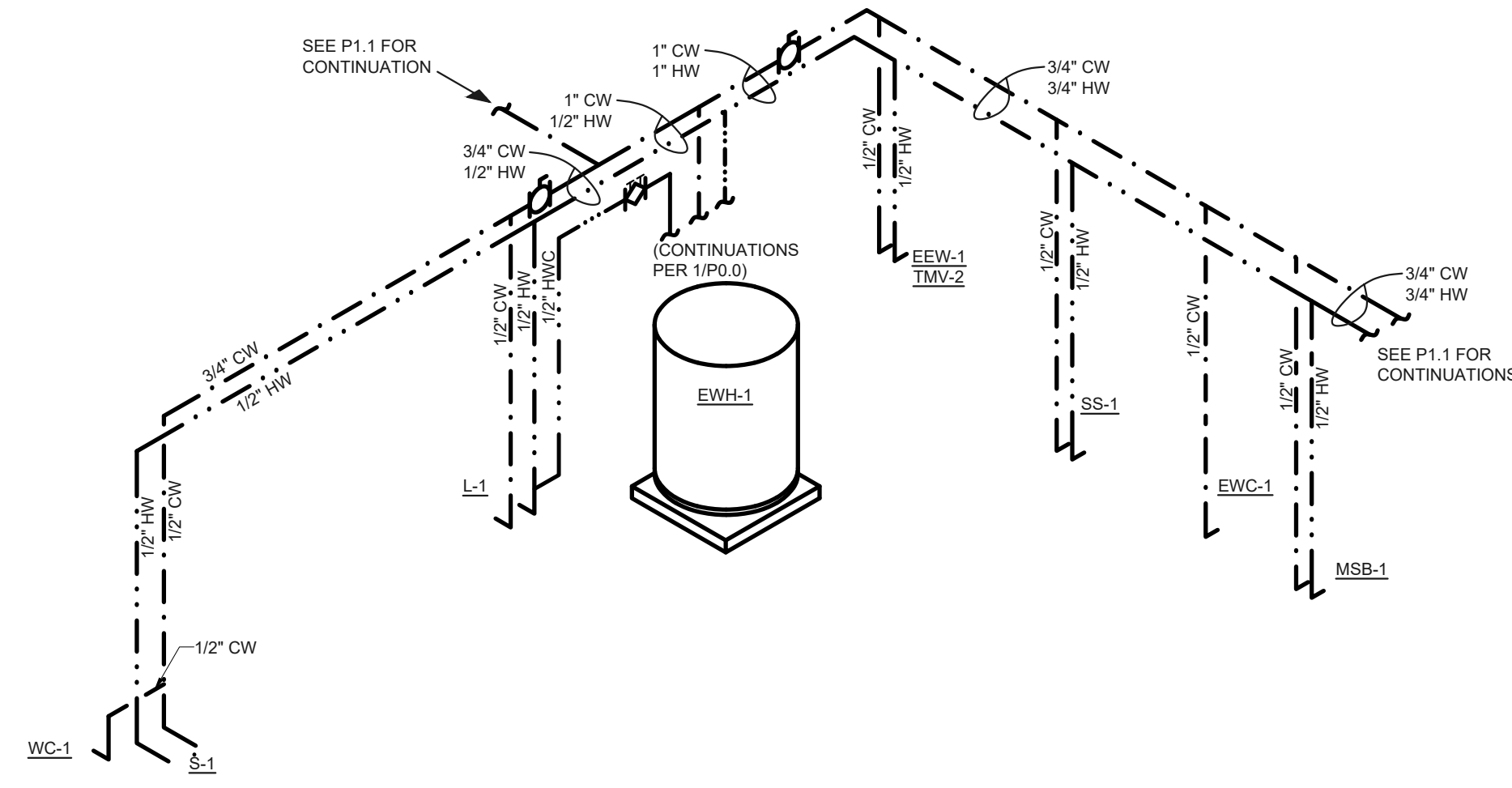
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2 DOMESTIC WASTE & VENT ISOMETRICS
 P2.0 SCALE: NTS

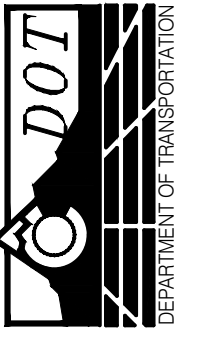


1 DOMESTIC WATER ISOMETRICS
 P2.0 SCALE: NTS

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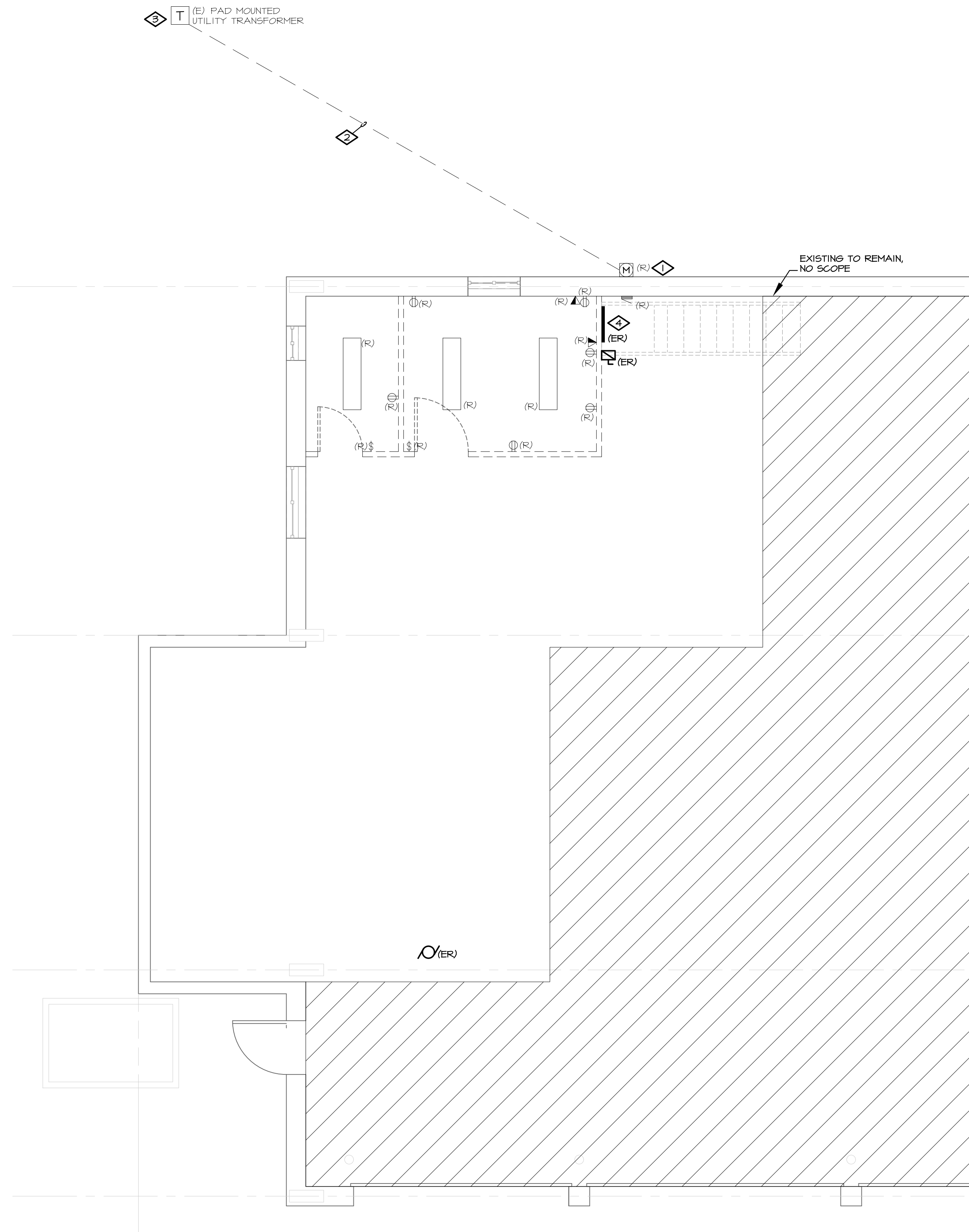


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ELECTRICAL DEMOLITION REQUIREMENTS

1. THE BASIS OF THESE DRAWINGS WERE SITE OBSERVATIONS, ORIGINAL BUILDING DRAWINGS AND VARIOUS OTHER SOURCES. EVERY ATTEMPT HAS BEEN MADE TO DOCUMENT THE ACTUAL CONDITIONS. HOWEVER, THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, VISIT THE SITE, AND THOROUGHLY BECOME FAMILIAR WITH THE BUILDING STANDARDS, THE BUILDING'S EXISTING CONDITION AND LOCAL CONDITIONS RELATING TO THE WORK. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATIONS OF THE CONTRACT.
2. THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER/OWNER OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
3. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN HIS COST THE REMOVAL OF ALL EXISTING ELECTRICAL DEVICES, CONDUITS, FIXTURES AND EQUIPMENT. DISCARD ALL EQUIPMENT AS REQUIRED, UNLESS NOTED OTHERWISE.
4. EXISTING DEVICES NOT NOTED AS EXISTING (E) OR INDICATED ON PLANS SHALL REMAIN, AS THEY PRESENTLY EXIST. FOR DEMOLISHED DEVICES IN WALLS WHICH ARE TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL INSTALL A BLANK FACE PLATE ON THE BACKBOX. FOR DEMOLISHED DEVICES INSTALLED IN THE FLOOR, THE ELECTRICAL CONTRACTOR SHALL CUT THE FLOOR BOX FLUSH WITH THE FLOOR AND FILL WITH CONCRETE, COORDINATE WITH THE GENERAL CONTRACTOR.
5. THE DEMOLITION OF SOME DEVICES MAY INTERRUPT POWER TO DEVICES DOWN STREAM. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR REMORKING THESE CIRCUITS TO MAINTAIN POWER TO THE DOWN STREAM DEVICES WHICH WILL REMAIN.
6. ALL UNENERGIZED/DEMOLISHED CIRCUITRY SHALL HAVE THE CONDUCTORS REMOVED FROM THE CONDUIT AND THE CONDUIT SHALL BE MARKED "EMPTY" WITH INDELIBLE MARKER.

KEYNOTE LEGEND

KEY VALUE	DESCRIPTION
◇	1. EXISTING ELECTRICAL UTILITY SERVICE, METER, AND ASSOCIATED GEAR TO BE REMOVED FOR UPGRADE, REFER TO ELECTRICAL PLAN (SHEET E2.0) FOR MORE INFORMATION REGARDING NEW ELECTRICAL UPGRADE.
◇	2. EXISTING UNDERGROUND SECONDARY FEEDER AND CONDUIT TO BE PULLED BACK TO SOURCE UTILITY TRANSFORMER AND REPLACED WITH NEW. REFER TO NEW ELECTRICAL PLAN (SHEET E2.0) FOR MORE INFORMATION REGARDING NEW ELECTRICAL UPGRADE.
◇	3. UTILITY TRANSFORMER SHOWN FOR REFERENCE ONLY, TRANSFORMER IS LOCATED APPROXIMATELY 150' NORTH WEST FROM EXISTING ELECTRICAL METER.
◇	4. E.C. TO RELOCATE EXISTING TTB. EXTEND ALL EXISTING CONDUIT/CABLING TO NEW LOCATION, SEE SHEET E2.0 FOR MORE INFORMATION/NEW LOCATION.

DATE	NO.	DESCRIPTION
6/26/2020	1	70% CONSTRUCTION DOCS
9/11/2020	2	90% CD/CODE REVIEW
9/23/2020	3	100% CONSTRUCTION DOCS

Colorado Department of Transportation
 PROPERTY MANAGEMENT
 2829 W. HOWARD PL., FL 4
 DENVER, CO 80204
 Phone: 303-757-9011 FAX: 303-512-5550

ELECTRICAL DEMOLITION PLAN
RANGELY OFFICE REMODEL
 2829 E SHALE DRIVE
 RANGELY, COLORADO 81648



DRAWN BY: BJLV

CDOT PROJECT NO. 23364
 SAP BUILDING # 1000/3/381

DRAWING NUMBER
E1.0

1 | ELECTRICAL DEMOLITION PLAN
 E1.0 | SCALE: 1/4" = 1'-0"



COMcheck Software Version 4.1.2.2
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
 Project Title: CDOT Rangely Remodel
 Project Type: Alteration

Construction Site: 2829 E Shale Dr, Rangely, CO 81648
 Owner/Agent:
 Designer/Contractor: Bernard Lennon, AE Design Inc, 1900 Wazee St #205, Denver, CO 80202

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Common Space Types: Office - Enclosed	216	0.93	201
Total Allowed Watts =			201

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types: Office - Enclosed (216 sq. ft.)				
LED 1: D1: Other:	1	1	20	20
LED 2: R1: Other:	1	2	24	48
LED 3: W1: Other:	1	1	21	21
Total Proposed Watts =			90	

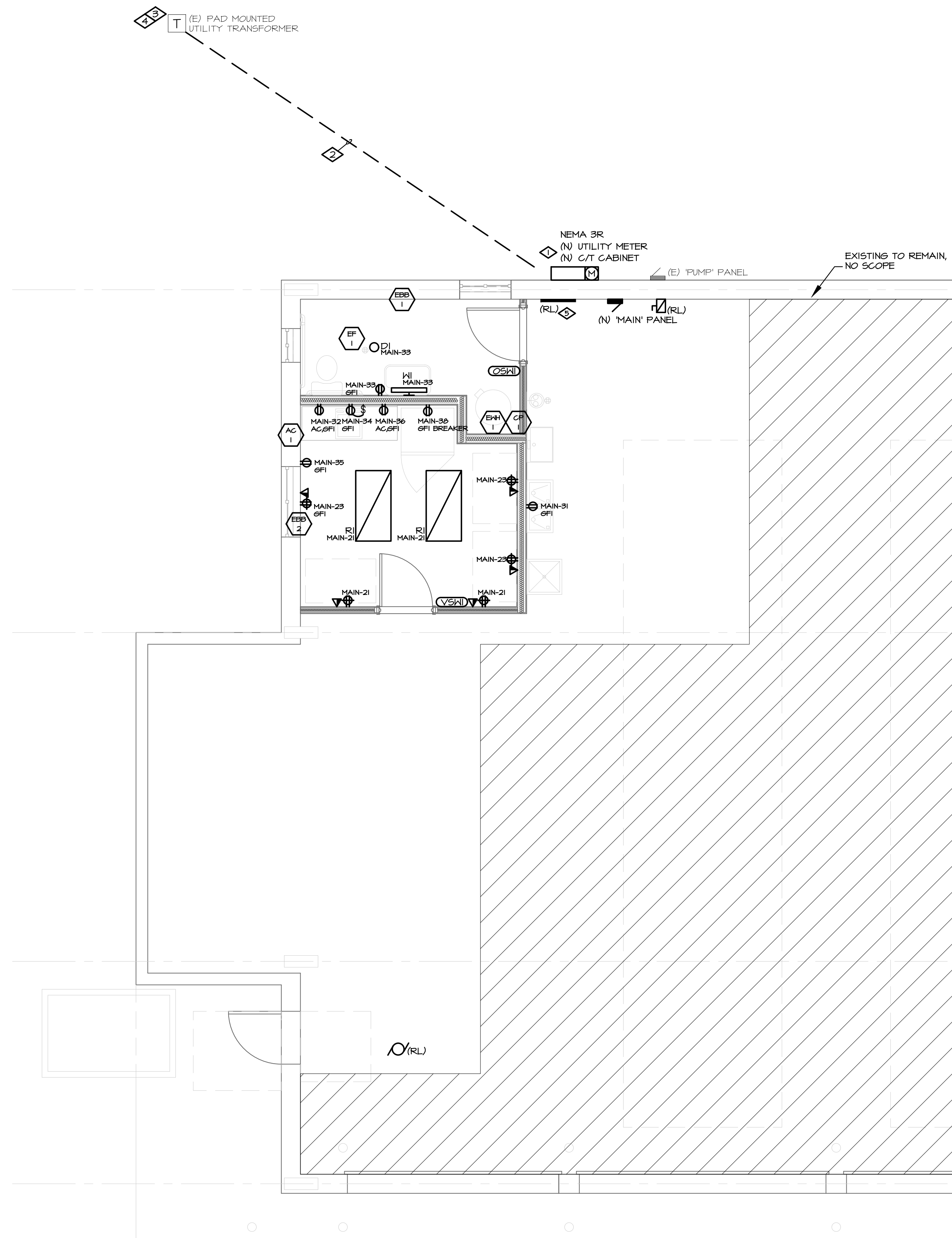
Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.2.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Bernard Lennon - Project Designer
 Name - Title: Bernard Lennon - Project Designer
 Signature: [Signature]
 Date: 08/05/2020

Project Title: CDOT Rangely Remodel
 Data filename: j:\4929.00 - CDOT Rangely Remodel\Tg Calcs\2018 IECC.cck
 Report date: 08/05/20
 Page 1 of 6



KEYNOTE LEGEND

KEY	VALUE
◇	1. E.G. TO COORDINATE WITH LOCAL UTILITY COMPANY (MOON LAKE ELECTRIC) ON NEW LARGER SERVICE INSTALLATION.
◇	2. E.G. TO COORDINATE LOCATION OF UNDERGROUND CONDUCTORS. COORDINATE LOCATION FOR MINIMAL SHUTDOWN TIME.
◇	3. UTILITY TRANSFORMER SHOWN FOR REFERENCE ONLY. TRANSFORMER LOCATED APPROXIMATELY 150' NORTH WEST FROM EXISTING UTILITY METER.
◇	4. E.G. TO COORDINATE WITH UTILITY COMPANY ON POSSIBLE TRANSFORMER UPGRADE FOR SERVICE UPGRADE. COORDINATE UTILITY TRANSFORMER UPGRADE AND SERVICE UPGRADE FOR MINIMUM SHUTDOWN TIME.
◇	5. NEW LOCATION FOR EXISTING TTB. E.G. TO EXTEND EXISTING CONDUITS/CONDUCTORS/ CABLING TO NEW LOCATION. E.G. TO PROVIDE ALL NECESSARY NEW PARTS FOR A COMPLETE INSTALLATION.

1 | ELECTRICAL PLANS
 E2.0 | SCALE: 1/4" = 1'-0"
 NORTH

DATE	NO.	DESCRIPTION
6/26/2020	1	70% CONSTRUCTION DOCS
9/11/2020	2	90% CD/CODE REVIEW
9/23/2020	3	100% CONSTRUCTION DOCS

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 DRAWING NUMBER **E2.0**

