

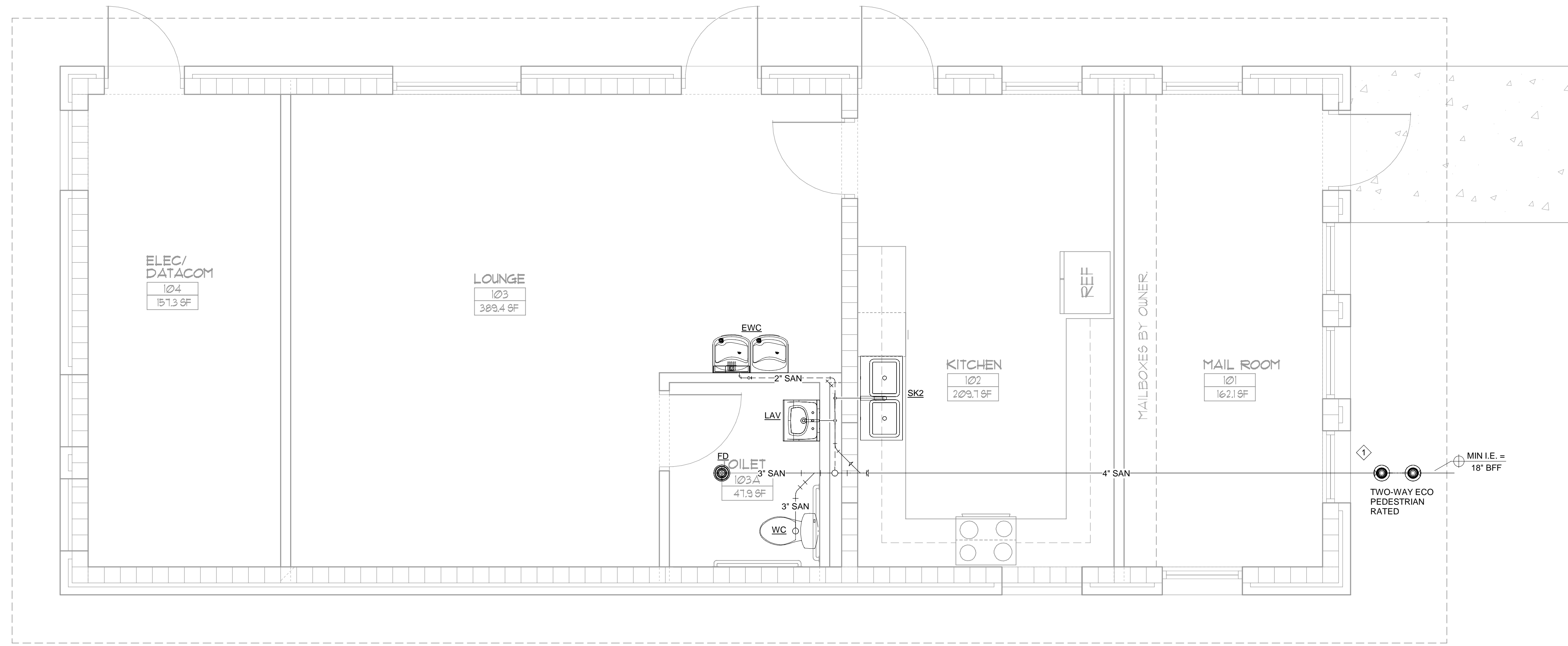


**SANITARY GENERAL NOTES**

1. SANITARY SEWER SYSTEM HAS BEEN DESIGNED & ROUTED WITH COORDINATION OF STRUCTURAL FOOTERS & FOUNDATION PLANS. THESE DOCUMENTS SHOULD BE FIELD VERIFIED PRIOR TO INSTALLATION TO ASSURE COMPLIANCE. COORDINATE SLAB CUT WITH ARCHITECT DEMO SHEETS.
2. CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY PRIOR TO COMMENCEMENT OF WORK.
3. CONTRACTOR SHALL REFER TO OWNER/ ARCHITECT FOR RE-USE OF FIXTURES IN RENOVATION PHASE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF DEMOLISHED PIPES AND FIXTURES.
4. CONTRACTOR SHALL RECONNECT NEW PIPING TO EXISTING PIPES BELOW GRADE AT PROPER ELEVATION INVERT.

**SANITARY KEYED NOTES**

- 1 CONNECT TO EXISTING SAN PIPE.



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REVISIONS				
NO.	DESCRIPTION	DRAWN	CHECKED	DATE
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PHASE			
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SCHEMATIC DESIGN	REGII	REGII	05/02/24
DESIGN DEVELOPMENT	REGII	REGII	05/14/24
90% CONSTRUCTION DOCUMENTS	KRW	BK	06/28/24
CONSTRUCTION DOCUMENTS			
BID SET			
PERMIT DOCUMENTS			

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PROJECT:  
 FLORIDA A&M UNIVERSITY  
 RATTLER POINT  
 WASH HOUSE BUILD OUT DESIGN  
 TALLAHASSEE, FLORIDA

SHEET TITLE:  
 FLOOR PLAN -  
 PLUMBING - RENO -  
 DRAIN & VENT

SHEET NUMBER:  
PI.2

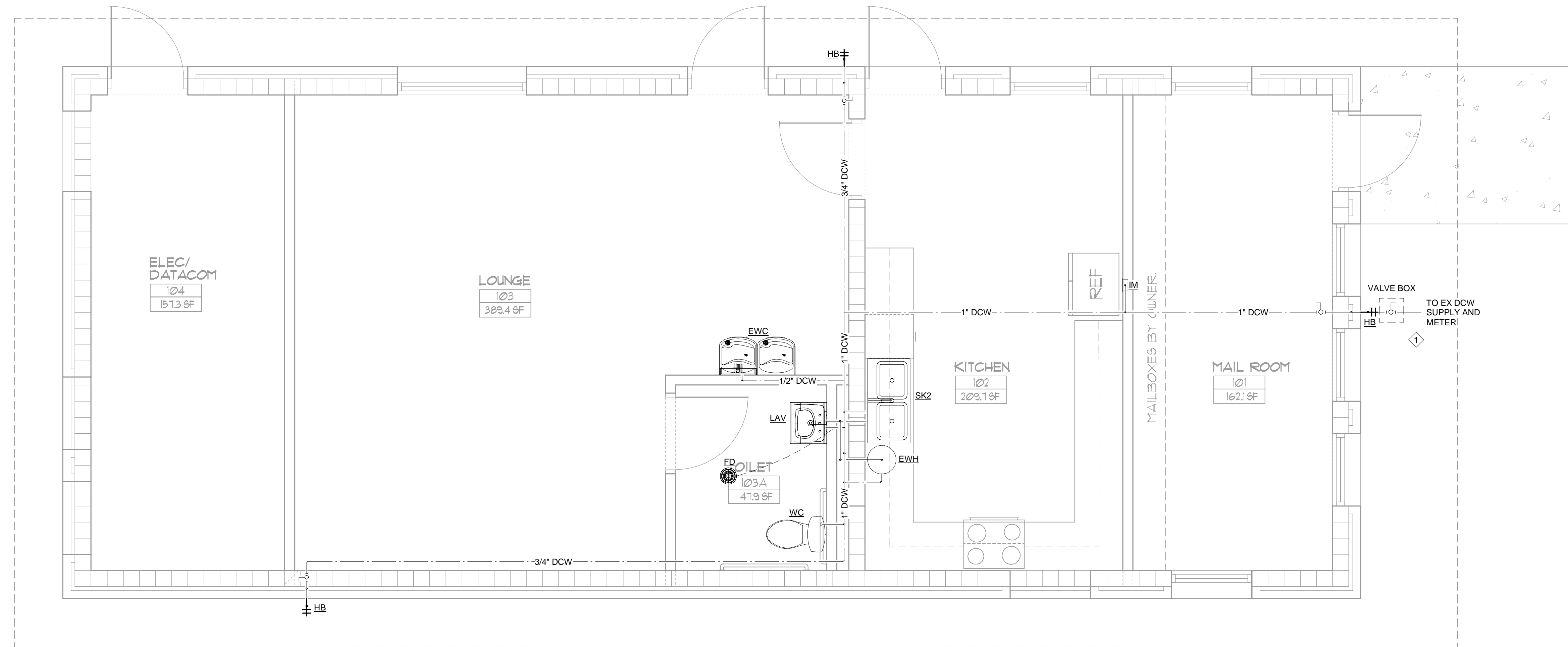
**1 FLOOR PLAN - DRAIN & VENT - RENOVATION**  
 P1.2 Scale: 3/8" = 1'-0"

**PRESSURE GENERAL NOTES**

1. WATER PIPING MATERIAL & FITTINGS FROM PLUMBING FIXTURES ON ALL FLOORS SHALL BE EITHER A) COPPER (AS SPEC'D IN PLUMBING MATERIAL SCHEDULE), OR B) CPVC PRODUCT.
2. ALL HOT WATER & HOT WATER RETURN SYSTEM SHALL BE INSULATED AS INDICATED IN PLUMBING MATERIAL SCHEDULE.
3. ALL FAUCETS SHALL BE EQUIPPED WITH TEMPERATURE & PRESSURE VALVES AS REQUIRED BY ASME-A12.1070-2014, ASSE-1016-2011, ASSE-1017-2014 & ASSE-1070-2014 USING THERMOSTATIC MIXING VALVES. HOT WATER DELIVERED TO MIXING VALVES FROM WATER HEATERS SHALL BE SUPPLIED AT 120°F DEGREES IN ORDER TO CONTROL BACTERIA. ADJUSTMENTS MUST BE MADE AT FIXTURES TO ASSURE TEMPERED WATER COMPLIANCE AS SET FORTH BY GOVERNING CODES.
4. ALL FAUCETS SHALL HAVE FACTORY BUILT-IN TEMPERATURE LIMIT TO PREVENT SCALDING.
5. INSTALL TRAP PRIMER, SERVE FLOOR DRAIN FROM NEAREST DCW SOURCE.

**PRESSURE KEYED NOTES**

- |   |                                |
|---|--------------------------------|
| 1 | CONNECT TO EXISTING DCW METER. |
|---|--------------------------------|



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 PRESSURE

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 P1.4

**1 FLOOR PLAN - PRESSURE - RENOVATION**  
 Scale: 3/8" = 1'-0"



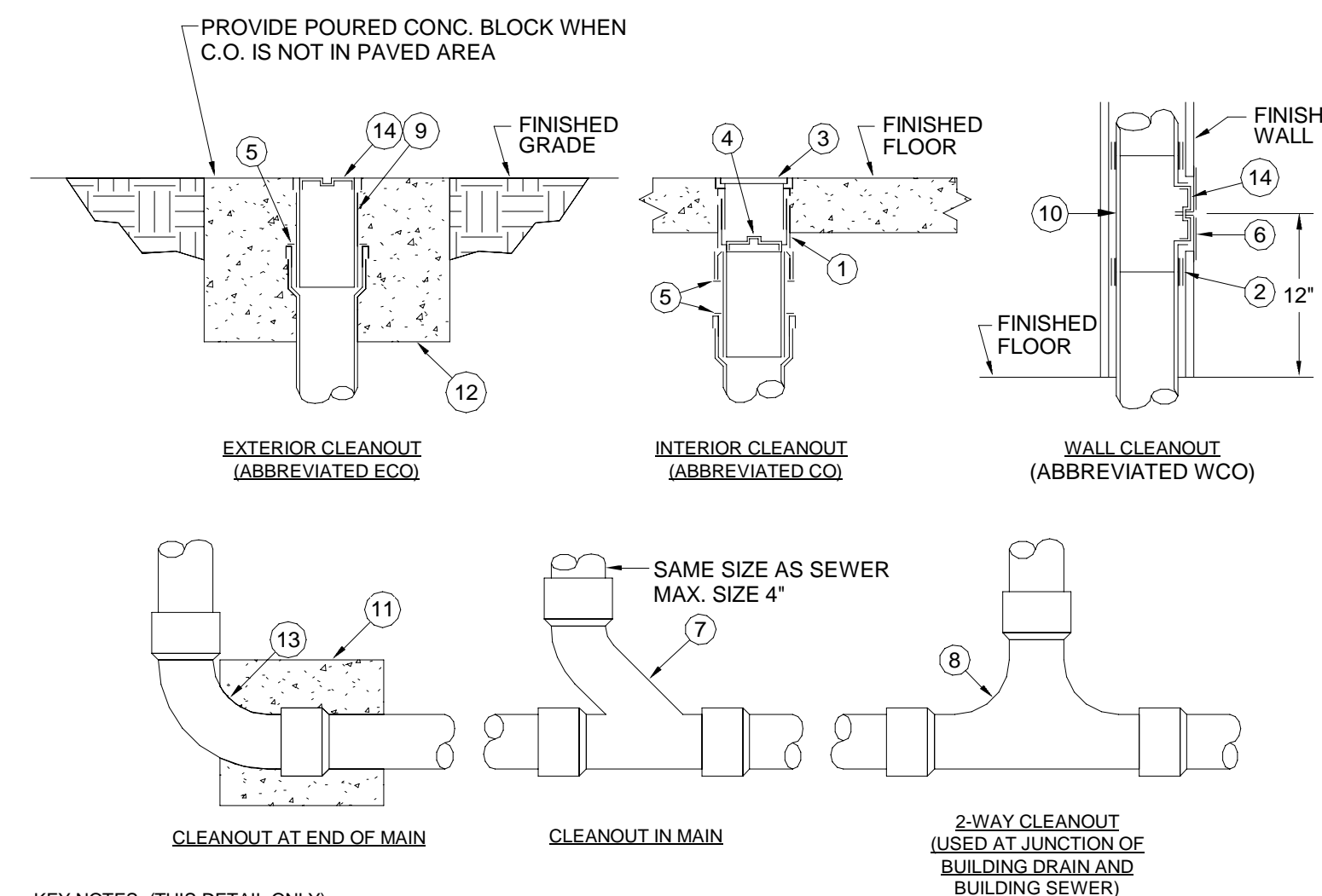
PLUMBING FIXTURE SCHEDULE							
MARK	TYPE	MFG/MODEL	FIXTURE DESCRIPTION	CW	HW	SAN	IMAGE
EWC	DUAL HEIGHT DRINKING FOUNTAIN	ELKAY/LZSTL8WSLK	Chilling Capacity*: 8.0 GPH Full Load Amps 6 Rated Watts: 370	1/2"	0"	1 1/2"	
EWH	ELECTRIC MINI TANK TYPE WATER HEATER	EEMAX/EMT6	INSTALL WITHIN COUNTER SPACE. 1.4KW, 120V PLUG, 12A, SET TEMP TO 120F, MAX 140F 150PSI, 20x15"x15", 30LBS, 6GAL, 40MIN RECOVERY. ROUTE T&P RELIEF TO NEAREST VENT PIPE, SUPPLY WITH CHECK VALVE DCW LINE. INSTALL, TEST, AND FILL PER MANUFACTURER'S RECOMMENDATIONS.	1/2"	1/2"	0"	
FD	FLOOR DRAIN	WATTS/FD-1200-A	EPOXY COATED CAST IRON FLOOR DRAIN, INSTALL WITH TRAP PRIMER.	0"	0"	3"	
HB	HOSE BIB	WOODFORD/24	ANTI-SYPHON VACUUM BREAKER HOSE BIB	1/2"	0"	0"	
IM	ICE MAKER BOX	GUY GREY/88531	WHITE POWDER-COATED COLD-ROLLED STEEL ICE MAKER OUTLET BOX, 4"X4"X2" OPENING, WATER HAMMER ARRESTER VALVE, 1/4 TURN VALVE.	1/2"	0"	0"	
LAV	LAVATORY	AMERICAN STANDARD/0356.028	MOUNT LAVATORY AT ADA HEIGHT AND TRAP GUARDED, SEE DETAIL. INSTALL WITH WALL CARRIER, AMST7385 FAUCET.	1/2"	1/2"	2"	
SK2	2-COMP SINK	ELKAY/LRAD332250	INSTALL WITH DRAIN CATCHERS, OFFSETS, AND LKGT1041 KITCHEN FAUCET.	1/2"	1/2"	2"	
WC	FLOOR MOUNT FLUSH TANK WATER CLOSET	AMERICAN STANDARD/215AA104	ACCESSIBLE TOILET. INSTALL WITH LONG RIM SEAT. INSTALL WITH ADA CLEARANCES, SEE DETAIL AND ARCH PLANS.	1/2"	0"	3"	

PLUMBING FIXTURE CALCULATION										
MARK	QUANTITY	CWFU	TOTAL CWFU	HWFU	TOTAL HWFU	TWFU	COMBINED FU	WFU	TOTAL WFU	
EWC	1	0.25	0.25	0	0	0.25	0.25	0.5	0.5	
FD	1	0	0	0	0	0	0	3	3	
HB	3	0.25	0.75	0	0	0.25	0.75	0	0	
IM	1	0.25	0.25	0	0	0.25	0.25	0	0	
LAV	1	0.5	0.5	0.5	0.5	1	1	1	1	
SK2	1	3	3	3	3	4	4	2	2	
WC	1	2.2	2.2	0	0	3	3	2.2	2.2	
<b>TOTAL</b>	<b>9</b>		<b>6.95</b>		<b>3.5</b>		<b>9.25</b>		<b>8.7</b>	

NOTES:  
FIXTURE UNITS BASED ON TABLES FBC-P 709 & E103.3.  
OCCUPANCY IS LOW ENOUGH TO BE EXEMPT FROM MOP SINK REQUIREMENT.

BUILDING SERVICE PIPING			
TYPE	FU	SIZE	DEV LENGTH
DCW METER		3/4"	
DCW DISTRIB.	10	1"	50'
SEWAGE	10	4"	75'

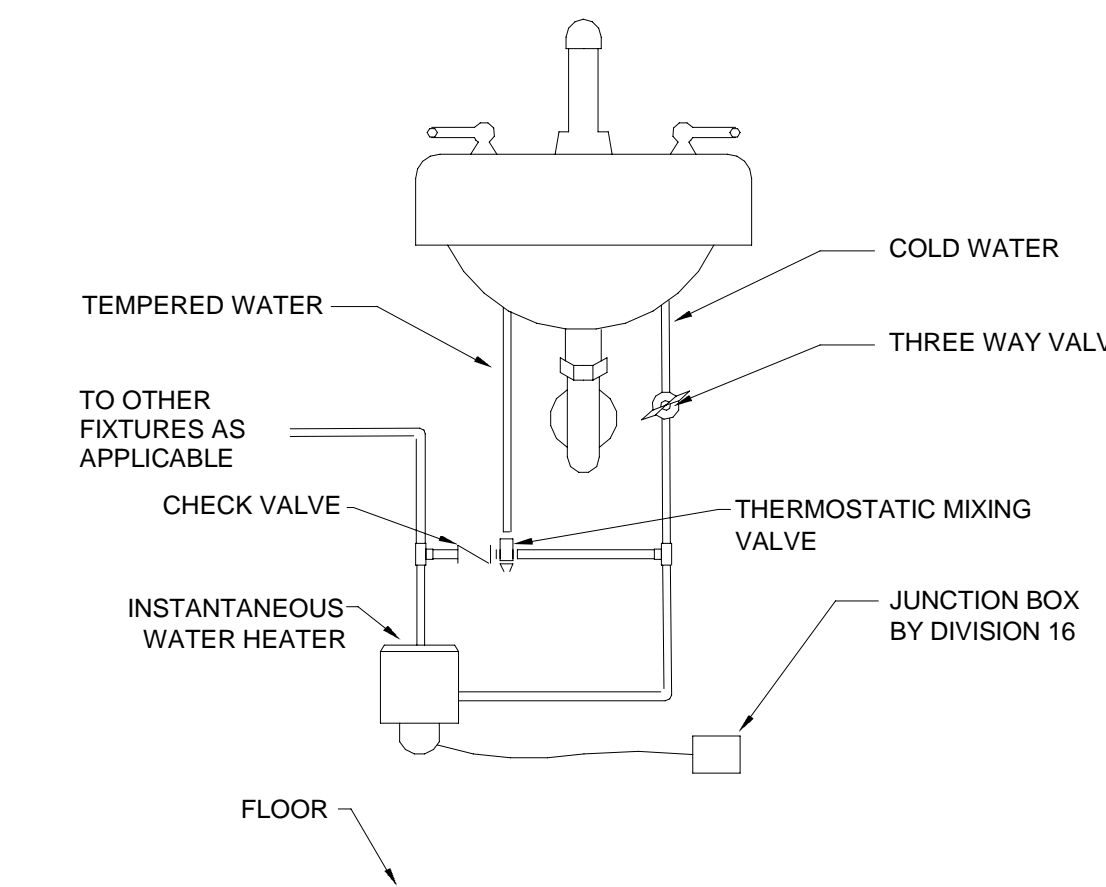
REMARKS:  
BRING ANY ISSUES TO EOR.  
RESIDUAL PRESSURE: ASSUMED 35 PSI  
WATER LINE SIZED PER FBC-P TABLE 201.1  
SEWER SIZED PER FBC-P TABLE 710.1(1)



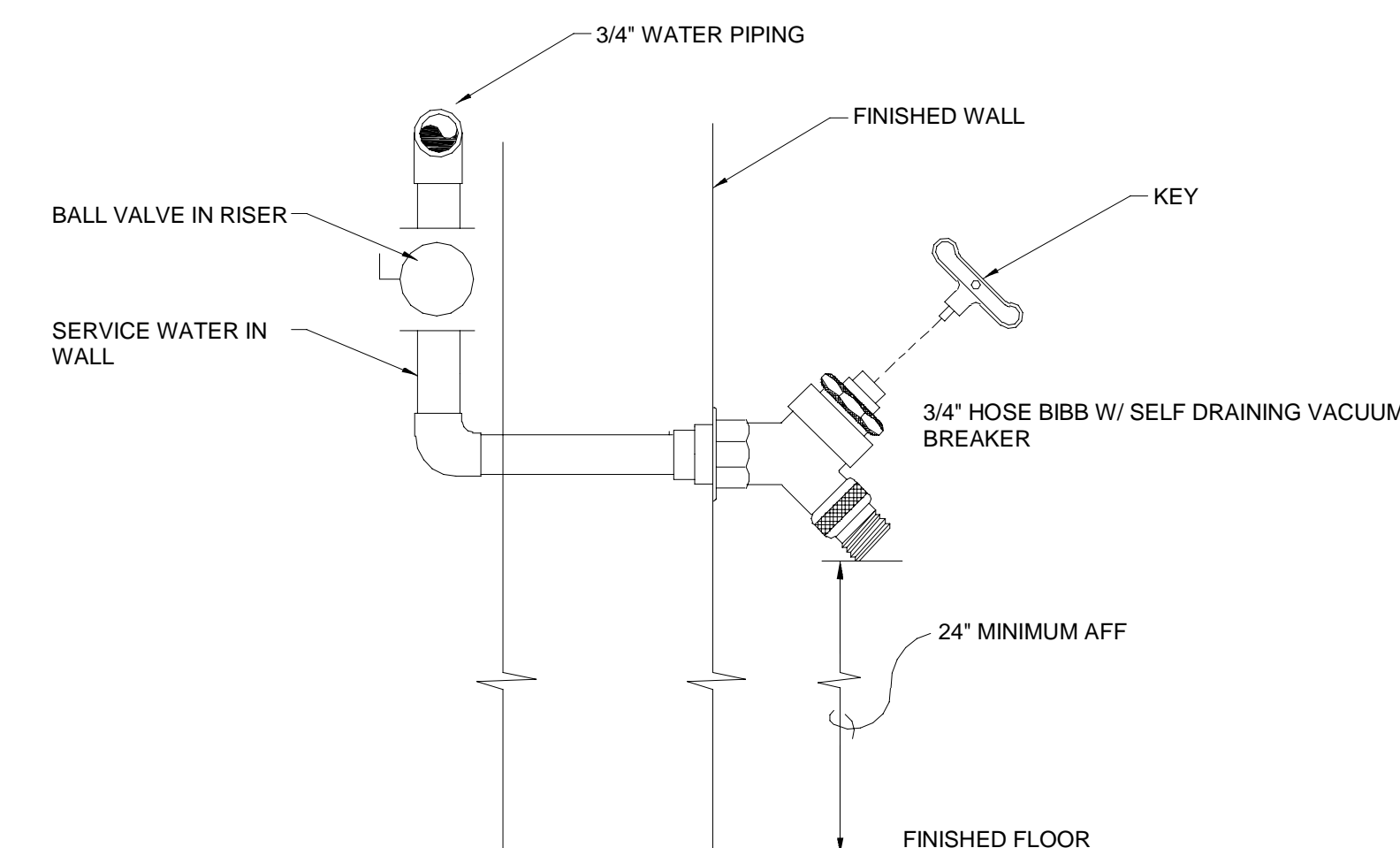
KEY NOTES: (THIS DETAIL ONLY)

- 1 CAST IRON 2-PIECE CLEANOUT BODY WITH ADJUSTABLE HEAD.
- 2 NO-HUB COUPLING (FOR ABOVE GROUND APPLICATION ONLY).
- 3 POLISHED NICKEL BRONZE SCORIATED TOP (PROVIDE CARPET MARKER FOR CARPETED FLOORS).
- 4 BRONZE TAPERED THREAD, RAISED HEAD CLEANOUT PLUG.
- 5 PUSH-ON NEOPRENE RUBBER COMPRESSION GASKET.
- 6 STAINLESS STEEL ROUND WALL ACCESS COVER.
- 7 COMBINATION "Y" & 1/8" BEND FITTING.
- 8 TWO-WAY CLEANOUT FITTING.
- 9 CAST IRON CLEANOUT FERRULE.
- 10 CAST IRON CLEANOUT TEE.
- 11 12" x 12" x 12" CONCRETE THRUST BLOCK.
- 12 24" x 24" x 12" CONCRETE PAD FLUSH WITH GRADE.
- 13 LONG SWEEP ELBOW.
- 14 BRONZE TAPERED THREAD, RECESSED HEAD CLEANOUT PLUG.

**1** TYPICAL CLEANOUT  
SCALE: NTS



**3** ON-DEMAND WATER HEATER  
SCALE: NTS



**2** HOSE BIB DETAIL  
SCALE: NTS

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SHEET TITLE:  
PLUMBING SCHEDULES & DETAILS

SHEET NUMBER:

P6.1