

GENERAL DRAWING NOTES

1. WHERE DIFFERENCES APPEAR BETWEEN PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS IN THE QUANTITIES AND LOCATIONS OF PLUMBING FIXTURES, THE ARCHITECTURAL DRAWINGS SHALL BE USED FOR PRICING. WHERE NECESSARY, THE CONTRACTOR SHALL USE UNIT PRICING FOR WASTE AND VENT PIPING TO EACH PLUMBING FIXTURE.

GENERAL PLUMBING CONTRACT REQUIREMENTS

1. PREPARE SHOP DRAWINGS OF ALL NEW WORK (INCLUDING SLEEVE LOCATIONS) TO VERIFY LOCATIONS AND COORDINATION OF WORK BETWEEN TRADES PRIOR TO INSTALLATION.
2. ALL DRAIN GRATES, CLEANOUT COVERS, AND OTHER FINISHED OR EXPOSED COMPONENTS SHALL BE PROTECTED FROM DAMAGE. DAMAGED COMPONENTS SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
3. COORDINATE ROUTING OF ALL PLUMBING PIPING BELOW SLAB WITH STRUCTURAL GRADE BEAMS, TIE BEAMS, ETC. ALLOW FOR REROUTING OF PIPING AS REQUIRED.
4. PIPING ROUTING ON DRAWINGS IS GENERALLY DIAGRAMMATIC WITH EFFORTS DURING DESIGN TO AVOID STRUCTURAL CONFLICTS. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING THROUGH BUILDING WITH STRUCTURAL CONDITIONS. CONTRACTOR COORDINATION DRAWINGS SHALL REFLECT ALL PIPE ROUTING AND PIPING THAT MAY HAVE TO BE SHIFTED OR MOVED TO AVOID CONFLICTS. SHIFTED OR MOVED PIPING SHALL REFLECT NO ADDITIONAL COST TO THE PROJECT.
5. ALL REQUIRED OPENINGS IN CONCRETE BEAMS AND STRUCTURAL WALLS ARE TO BE ACCOMPLISHED USING SLEEVES PROPERLY SIZED FOR THE PIPE THEY SERVE. CORE DRILLING IN BEAMS NOT ALLOWED. CORE DRILLING IN PANS IS ALLOWED UPON PRIOR APPROVAL OF ARCHITECT AND STRUCTURAL ENGINEER.
6. ALL HORIZONTAL SANITARY PIPING 2-1/2" AND SMALLER WHETHER BELOW OR ABOVE GRADE SHALL SLOPE AT 1/4"/FT. ALL PIPING 3" AND LARGER SHALL SLOPE AT 1/8"/FT UNLESS OTHERWISE NOTED. ALL STORM AND OVERFLOW PIPING SHALL SLOPE AT 1/8"/FT UNLESS OTHERWISE NOTED. ALL GREASE WASTE PIPING SHALL SLOPE AT 1/4"/FT.
7. REFERENCE CIVIL DIVISION DRAWINGS FOR REQUIRED POINT OF CONNECTION AND INVERT REQUIREMENTS. IN GENERAL, THE POINT OF CONNECTION IS AT A POINT 5 FEET OUTSIDE OF BUILDING FOOTPRINT. CONFORM WORK TO MEET INVERT ELEVATIONS ON CIVIL PLANS.
8. CAP ALL SANITARY AND STORM TEES FOR FUTURE BRANCH PIPING AND STAKE LOCATION OF PIPING FOR CONNECTION TO FUTURE BRANCH LINES.
9. WHERE SHOWN, MINIMIZE THE NUMBER OF JOINTS ON ANY PRESSURIZED PIPING BELOW CONCRETE SLABS. ALL BELOW GRADE PIPING TO BE PRESSURE TESTED AND WITNESSED BY ARCHITECT PRIOR TO BACKFILLING.
10. ALL CLEANOUTS FOR HORIZONTAL STORM DRAINAGE SYSTEM SHALL BE PIPE SIZE OR MAXIMUM 6" FOR LARGER PIPE.
11. IN ADDITION TO THE CLEANOUT LOCATIONS SHOWN ON DRAWINGS, CLEANOUTS SHALL BE PROVIDED IN ACCORDANCE WITH THE LOCAL GOVERNING CODE. ADDITIONAL CLEANOUTS SHALL BE PROVIDED AS FOLLOWS:
- A. EACH RUN OF PIPING WHICH IS MORE THAN 75 FEET IN LENGTH OR FRACTION THEREOF.

B. HORIZONTAL LINES 5 FEET OR MORE.

C. HORIZONTAL LINES FOR EACH AGGREGATE CHANGE OF DIRECTION EXCEEDING 135 DEGREES.

D. AT THE BASE OF ALL SANITARY AND STORM RISERS. ALL VERTICAL CLEANOUTS SHALL BE SIZED TO ACCOMMODATE THE LARGEST PIPE ON THAT BRANCH LINE, BUT NEVER LARGER THAN 4".

E. ALL GREASE WASTE PIPING SHALL HAVE CLEANOUTS EVERY 50 FEET OR FRACTION THEREOF AND AS NOTED ABOVE.

F. AT THE END OF FIXTURE BANKS TO INCLUDE WATER CLOSETS, URINALS AND LAVATORIES. CLEAOUT PLUG SHALL BE A MINIMUM OF 24" AFF.
12. NO GAS LINES SHALL BE LOCATED BELOW BUILDING SLAB. ALL GAS PIPING IN AIR PLENUMS SHALL BE WELDED.
13. PROVIDE ISOLATION VALVES ON ALL PIPING SERVING HOSE BIBBS.
14. STANDARD ROOF DRAINAGE IS SIZED AT 3"/HR. OVERFLOW DRAINAGE IS ACCOMPLISHED THROUGH ARCHITECTURAL ROOF SCUPPERS. WHERE OVERFLOW DRAINS ARE USED, THEY WILL BE SIZED USING 3"/HR RATE.
15. WATER HAMMER ARRESTORS (SHOCK ABSORBERS) SHALL BE INSTALLED BETWEEN THE LAST 2 FLUSH VALVE FIXTURES. WHEN THE COLD WATER HEADER IS 20 FEET OR LONGER, A SECOND ARRESTOR SHALL BE INSTALLED HALFWAY DOWN THE HEADER. THE SIZES OF THE ARRESTORS SHALL BE BASED ON PDI SIZING.
16. ALL FLOOR DRAINS IN BUILDING EXCEPT DRAINS IN SHOWERS AND SHOWER AREAS SHALL BE INSTALLED WITH A PROSET TRAP GUARD.
17. ALL DOMESTIC WATER PIPING SERVING TOILET OR RESTROOM GROUPS SHALL BE INSTALLED WITH ISOLATION VALVES IN ORDER TO ISOLATE THESE AREAS WITHOUT CLOSING DOWN ANY OTHER PORTION OF THE BUILDING WATER SUPPLY SYSTEMS. ALL ISOLATION VALVES SHALL BE ACCESSIBLE WITH ACCESS PANELS. MINIMUM ACCESS PANEL SIZE SHALL BE 12"x12". ACCESS PANELS SHALL BE OF THE SAME RATING AS THE STRUCTURAL ELEMENT IN WHICH THEY ARE INSTALLED.
18. ALL GAS PRESSURE REDUCING VALVES SHALL BE PROVIDED WITH VENT PIPING TO ATMOSPHERE.
19. THROUGHOUT THE DRAWINGS, NUMBERS ARE SHOWN IN BRACKETS TO INDICATE QUANTITIES OF UNITS CARRIED WITHIN THE DIFFERENT PIPING SYSTEMS. THEY REPRESENT THE FOLLOWING:
- CW (X)(X) = (GPM)(CPM)

GAS (X)(X) = (CFM)(CFH)

SAN (X)(X) = (DFU)(DFU)

VENT (X)(X) = (DFU)(DFU)

ST/OD (X)(X) = (FT2)(FT2)
- FOR CALCULATION PURPOSES OF ALL PIPE SIZES, VALUES SHOWN ARE WITHIN 10 PERCENT OF ACTUAL LOAD VALUES.
20. ALL EQUIPMENT AND PIPING SHALL BE BRACED FOR SEISMIC REQUIREMENTS APPLICABLE FOR SEISMIC ZONE REQUIREMENTS FOR THIS PROJECT.
21. REFER TO GENERAL MECHANICAL CONTRACT REQUIREMENT NOTES ON MECHANICAL DRAWINGS FOR GENERAL PIPING HEAT TRACE INSTALLATION REQUIREMENTS.
22. PROVIDE DIELECTRIC FITTINGS AT ALL CONNECTIONS BETWEEN DISSIMILAR METALS AND AS SHOWN ON DRAWINGS.
23. ALL TEMPERING VALVES TO BE SET FOR 110° F WATER TEMPERATURE MAXIMUM UNLESS OTHERWISE NOTED.
24. PROVIDE HEAT TRACE IN LOCATIONS SHOWN, AS REQUIRED BY SPECIFICATIONS, AND TO THE FOLLOWING SYSTEMS WHEN EXPOSED TO FREEZING CONDITIONS:
- A. DOMESTIC COLD WATER

B. DOMESTIC HOT WATER

C. DOMESTIC HOT WATER RECIRC

D. SANITARY

E. STORM
- ALL HEAT TRACED PIPE SHALL BE INSULATED PER SPECIFICATIONS. COORDINATE ALL HEAT TRACING AND REQUIRED CIRCUITS WITH ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR.
25. PROVIDE WATER HAMMER ARRESTORS FOR ALL FIXTURES/EQUIPMENT THAT HAVE QUICK CLOSING VALVES TO INCLUDE:
- A. WATER CLOSETS AND URINAL FLUSH VALVES

B. ELECTRONIC FAUCETS

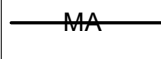
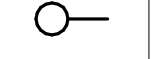
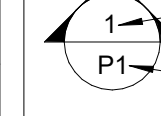
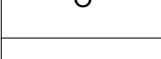
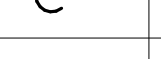
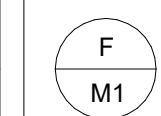
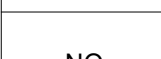
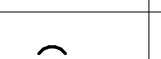
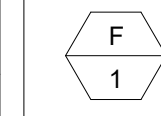
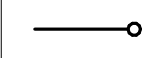
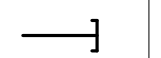
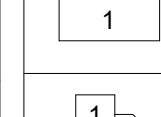
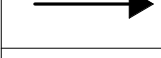
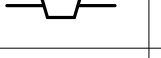
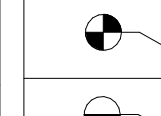

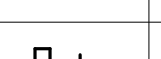
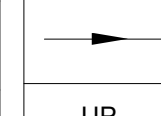
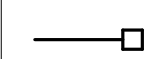

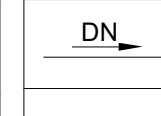
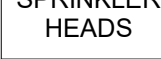



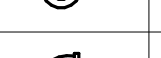






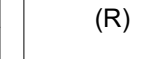
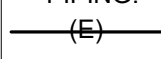
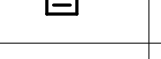

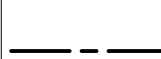
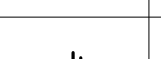

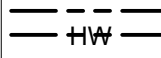


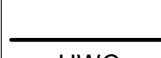



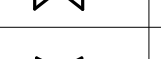

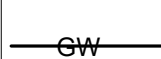
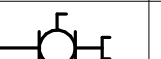

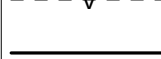


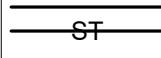


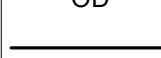
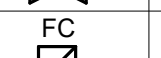

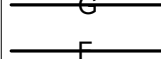
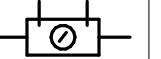

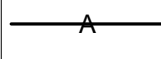



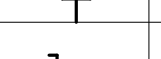
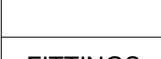
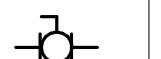


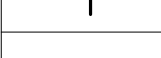


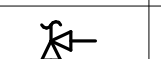
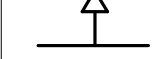

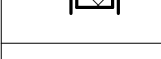
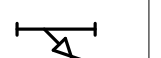

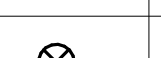


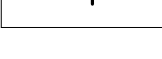















C. REFRIGERATOR ICE MAKERS

D. DISHWASHERS

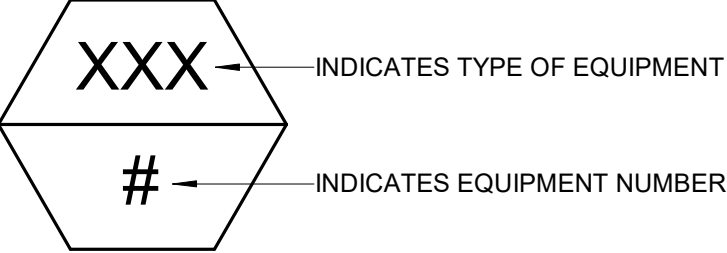
E. MECHANICAL MAKE-UP
26. REFER TO MECHANICAL PLANS FOR ALL EQUIPMENT REQUIRING MAKE-UP WATER. PROVIDE A REDUCED PRESSURE BACKFLOW FOR EACH REQUIRED LINE.
27. REFER TO LANDSCAPE PLANS FOR IRRIGATION REQUIREMENTS. WHEN AN IRRIGATION TAP IS REQUIRED OFF THE DOMESTIC WATER SERVICE, PROVIDE THE RECOMMENDED LINE SIZE WITH A REDUCED PRESSURE BACKFLOW PREVENTER.

PLUMBING LEGEND

(NOT ALL SYMBOLS LISTED BELOW ARE BEING USED IN THIS SET OF PLUMBING DRAWINGS)

SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
	MA	MEDICAL AIR			ELBOW UP			SECTION NO.
	O	OXYGEN			ELBOW DOWN			SECTION VIEW SHEET NO.
	VAC	VACUUM			TEE UP			DETAIL DESIGNATION
	NO	NITROUS OXIDE			TEE DOWN			EQUIPMENT DESIGNATION
	G	NAT. GAS OUTLET			PIPE CAP OR PLUG			SHEET KEY NOTES
	O	OXYGEN OUTLET		GC	GAS COCK		POC	POINT OF CONN. (CONN. NEW TO EXISTING)
	V	VACUUM OUTLET		CO	CLEANOUT PLUG		POD	POINT OF DISCONNECTION
	MA	MEDICAL AIR OUTLET		HB WH	HOSE BIBB WALL HYDRANT			ARROW INDICATES DIRECTION OF FLOW
	MA	MED AIR OUTLET		VB	VACUUM BREAKER		UP	RISE IN DIRECTION OF FLOW
				RD	ROOF DRAIN		DN	DROP IN DIRECTION OF FLOW
		EXISTING SPRINKLER HEAD TO REMAIN		OD	OVERFLOW ROOF DRAIN		TB	THRUST BLOCK
		EXISTING SPRINKLER HEAD TO NEW LOCATION		DSN	DOWNSPOUT NOZZLE		DN	DOWN
	A	NEW SPRINKLER HEAD TO MATCH EXISTING		SA	SHOCK ARRESTOR W/BALL VALVE		AFF	ABOVE FIN. FLOOR
	(E)	EXISTING PIPING		FD	FLOOR DRAIN		AFG	ABOVE FIN. GRADE
	(E)	EXISTING PIPING TO BE REMOVED		AD	AREA DRAIN		TOP	TOP OF PIPE (AFF)
	CW	DOMESTIC COLD WATER		FCO GCO	FLOOR CLEANOUT GRADE CLEANOUT		BOP	BOT. OF PIPE (AFF)
	HW	DOMESTIC HOT WATER		WCO CO	WALL CLEANOUT CLEANOUT PLUG		I.E.	INVERT ELEVATION
	T	TEMPERED WATER		VTR	VENT THRU ROOF		VBF	VENTS BELOW FLOOR
	HWC	WATER CIRCULATING		GV	GATE VALVE		NTS	NOT TO SCALE
	SAN	SANITARY WASTE ABOVE FLOOR		OS&Y	OUTSIDE STEM AND YOKE		(E)	EXISTING
	SAN	SANITARY WASTE BELOW FLOOR		DV	DRAIN VALVE W/ HOSE END CONN.		(N)	NEW
	GW	GREASE WASTE BELOW FLOOR			BALL VALVE W/ HOSE CONNECTION		(R)	REMOVE OR RELOCATE
	V	SANITARY VENT		CV	CHECK VALVE WITH FLOW DIRECTION			
	ST	STORM PIPING ABOVE FLOOR		PRV	PRESSURE REDUCING VALVE			
	ST	STORM PIPING BELOW FLOOR		SV	SOLENOID VALVE			
	OD	STORM OVERFLOW ABOVE FLOOR		FC FCV	AUTO FLOW CONTROL VALVE W/ TEST PORT			
	OD	STORM OVERFLOW BELOW FLOOR		CS	CIRCUIT SETTER			
	G	NATURAL GAS		GLV	GLOBE VALVE (STRAIGHT PATTERN)			
	F	FIRE		GLV	GLOBE VALVE (ANGLE PATTERN)			
	DR	EQUIP. DRAIN		BFV	BUTTERFLY VALVE			
	A	COMPRESSED AIR		BV	BALL VALVE			
	2" SAN	PIPE SIZE/ PIPE TYPE		TCV	AUTO TEMP CONTROL VALVE, 2-WAY			
	EJ	EXPANSION JOINT		TCV	AUTO TEMP CONTROL VALVE, 3-WAY			
	U	UNION		PV	PLUG VALVE			
		THERMOMETER W/THERMOWELL		TPR	TEMP/PRESSURE RELIEF VALVE			
	AV	AIR VENT			VALVE IN RISER			
	FC	FLEXIBLE PIPE CONNECTOR		STR	STRAINER W/ BLOW-OFF & CAPPED HOSE-END CONNECTION			
	FS	FLOW SWITCH			STEAM TRAP			
	PS	PRESSURE SWITCH						
	PG	PRESSURE GAUGE COCK						

EQUIPMENT DESIGNATIONS



[SET PROJECT ADDRESS PARAMETER & ENERGY SETTINGS IF APPLICABLE]

Gensler

1225 17th Street Suite 150 Denver, CO 80202 United States
Tel 303.595.8586 Fax 303.825.6823



14143 Denver West Pkwy Suite 300 Golden, CO United States
Tel 303.421.6655



12499 West Cofax Ave. Lakewood, CO 80215 United States
Tel 303.431.6100

△	Date	Description
-	2021.06.04	BP4C - KVC INTERIORS - ISSUED FOR PERMIT AND CONSTRUCTION

RCRBD
Record Set
TC
08/02/2021

Seal / Signature



Project Name

Steamboat Base Village Redevelopment

Project Number

003.7835.000

Description

PLUMBING LEGEND

Scale

1/8" = 1'-0"

1C-P0.000

PLUMBING FIXTURE SCHEDULE - KVC BUILDING													
GENERAL NOTES: 1. PLUMBING DESIGN AND SIZES ARE BASED ON THE 2018 INTERNATIONAL PLUMBING CODE. 2. ALL EXPOSED PIPING SERVING PLUMBING FIXTURES THAT MAY BE USED FOR ADA PURPOSES SHALL HAVE TRAPS AND SUPPLIES INSULATED PER ADA REQUIREMENTS. 3. ALL FIXTURES ARE WHITE UNLESS OTHERWISE NOTED. 4. CONTRACTOR TO VERIFY SLAB THICKNESS FOR PERFORATED MEMBRANE EXTENSION. 5. ALL PUBLIC ACCESS LAVATORIES AND SINKS SHALL HAVE AN ASSE 1070 APPROVED TEMPERING VALVE INSTALLED.													
CODE	FIXTURE	DESCRIPTION	MIN CW CONN	MIN HW CONN	MIN SAN CONN	MIN VENT CONN	MANUFACTURER	FIXTURE MODEL NUMBER	MANUFACTURER	FAUCET / FLUSH VALVE MODEL NUMBER	REMARKS		
FD-1	FLOOR DRAIN	CAST IRON BODY FLOOR DRAIN WITH 5" NICKEL-BRONZE STRAINER; PROVIDE WITH JAY R. SMITH MODEL 2692 TRAP GUARD.	-	-	RE: PLANS	2"	JAY R. SMITH	2005Y-NB-A	-	-	-		
EW-1	ELECTRIC WATER COOLER	TWO LEVEL, STAINLESS STEEL, WALL HUNG ELECTRIC WATER COOLER WITH BOTTLE FILLER.	1/2"	-	2"	2"	ELKAY	EZSTL8WSLC	-	-	OWNER PROVIDED, CONTRACTOR INSTALLED		
EW-2	ELECTRIC WATER COOLER	TWO LEVEL, STAINLESS STEEL, WALL HUNG ELECTRIC WATER COOLER WITH BOTTLE FILLER.	1/2"	-	2"	2"	ELKAY	EZSTL8WSLC	-	-	-		
GD-1	GARBAGE DISPOSAL	1/2 HP, CONTINUOUS FEED DISPOSER WITH GALVANIZED STEEL GRINDING ELEMENTS.	-	-	2"	-	IN-SINK-ERATOR	BADGER 5	-	-	1/2 HP, 120V, 1PH		
MSB-1	MOP SINK	FLOOR MOUNTED, 24"x24" MOLDED STONE MOP SERVICE BASIN WITH STAINLESS STEEL WALL GUARDS; WALL MOUNTED FAUCET WITH PAIL HOOK, AND VACUUM BREAKER.	3/4"	3/4"	3"	2"	FIAT	MSB2424	FIAT	830AA	-		
SH-1	SHOWER	ONE PIECE SHOWER PAN, FLOOR DRAIN, TILED WALLS, WALL MOUNTED SHOWER WITH PRESSURE BALANCING VALVE, SLIDE BAR AND HAND SHOWER; 1.5 GPM.	1/2"	1/2"	2"	2"	AQUABATH	CP6036TD	AMERICAN STANDARD	TU662.213	-		
L-1	LAVATORY (ADA)	23" x 18" RECTANGULAR DROP-IN VITREOUS CHINA LAVATORY WITH 3 HOLES ON 4" CENTERS; BATTERY OPERATED SENSOR FAUCET, 0.5 GPM.	1/2"	1/2"	2"	2"	KOHLER	K-2337-4	SLOAN	SF2350	FAUCET PROVIDED BY OWNER, INSTALLED BY CONTRACTOR; PROVIDE WITH TMV-1.		
L-2	LAVATORY (ADA)	21" x 20-1/4" WALL HUNG VITREOUS CHINA LAVATORY WITH 3 HOLES ON 4" CENTERS; BATTERY OPERATED SENSOR FAUCET, 0.5 GPM.	1/2"	1/2"	2"	2"	AMERICAN STANDARD	9134004EC	SLOAN	SF2350	FAUCET PROVIDED BY OWNER, INSTALLED BY CONTRACTOR; PROVIDE WITH TMV-1.		
L-3	LAVATORY (CHILD HEIGHT)	23" x 18" RECTANGULAR DROP-IN VITREOUS CHINA LAVATORY WITH 3 HOLES ON 4" CENTERS; BATTERY OPERATED SENSOR FAUCET, 0.5 GPM.	1/2"	1/2"	2"	2"	KOHLER	K-2337-4	SLOAN	SF2350	MOUNTED IN CHILD HEIGHT COUNTER; FAUCET PROVIDED BY OWNER, INSTALLED BY CONTRACTOR; PROVIDE WITH TMV-1.		
L-4	LAVATORY (CHILD HEIGHT)	21" x 20-1/4" WALL HUNG VITREOUS CHINA LAVATORY WITH 3 HOLES ON 4" CENTERS; BATTERY OPERATED SENSOR FAUCET, 0.5 GPM.	1/2"	1/2"	2"	2"	AMERICAN STANDARD	9134004EC	SLOAN	SF2350	HANG AT CHILD HEIGHT; FAUCET PROVIDED BY OWNER, INSTALLED BY CONTRACTOR; PROVIDE WITH TMV-1.		
S-1	SINK (ADA)	21-1/2" x 18-1/2" x 5-3/8" STAINLESS STEEL, UNDERMOUNT, ADA SINK; DECK MOUNTED SINGLE HANDLE FAUCET WITH GOOSENECK SPOUT AND PULL OUT SPRAYER, BLACK FINISH, 1.5 GPM.	1/2"	1/2"	2"	2"	ELKAY	ELUHAD191655PD	KOHLER	K-22974-BL	-		
S-2	SINK (ADA)	14" x 18-1/2" x 5-1/2" STAINLESS STEEL, UNDERMOUNT, ADA SINK; DECK MOUNTED SINGLE HANDLE FAUCET WITH GOOSENECK SPOUT AND PULL OUT SPRAYER, BLACK FINISH, 1.5 GPM.	1/2"	1/2"	2"	2"	ELKAY	ELUHAD111655	KOHLER	K-22974-BL	-		
TMV-1	THERMOSTATIC MIXING VALVE	POINT OF USE THERMOSTATIC MIXING VALVE WITH MINIMUM 0.35 GPM FLOW RATE; ASSE 1070, NSF 61 CERTIFIED.	1/2"	1/2"	-	-	ZURN	ZW3870XLT	-	-	-		
UR-1	URINAL	WALL HUNG VITREOUS CHINA URINAL WITH 3/4" TOP SPUD AND BATTERY POWERED, SENSOR OPERATED FLUSH VALVE; 0.125 GPF.	3/4"	-	2"	2"	AMERICAN STANDARD	6590.525	AMERICAN STANDARD	6590.525	PROVIDE WITH IN-WALL CARRIER.		
UR-2	URINAL (ADA)	ADA HEIGHT, WALL HUNG, VITREOUS CHINA URINAL WITH 3/4" TOP SPUD AND BATTERY POWERED, SENSOR OPERATED FLUSH VALVE; 0.125 GPF.	3/4"	-	2"	2"	AMERICAN STANDARD	6590.525	AMERICAN STANDARD	6590.525	PROVIDE WITH IN-WALL CARRIER AND MOUNT AT ADA HEIGHT.		
WB-1	WASHER WALL BOX	ABS DOUBLE HOSE BIBB AND DRAIN CONNECTION BOXES COMPLETE WITH FRAME, BRACKET, AND DEBRIS COVER; 1/4 TURN WATER VALVES WITH INTEGRAL HAMMER ARRESTORS.	1/2"	1/2"	2"	2"	SIoux CHEIF	696-2313"R	-	-	COORDINATE CONNECTION TYPE PRIOR TO ORDERING.		
WC-1	WALL HUNG WATER CLOSET	WALL HUNG VITREOUS CHINA WATER CLOSET WITH BATTERY POWERED, SENSOR OPERATED FLUSH VALVE; 1.28 GPF.	1"	-	4"	2"	AMERICAN STANDARD	3351.528	AMERICAN STANDARD	3351.528	PROVIDE WITH IN-WALL, FLOOR MOUNTED CARRIER; PROVIDE WITH AMERICAN STANDARD MODEL 5901.100 HEAVY DUTY, OPEN FRONT SEAT, LESS COVER.		
WC-2	WALL HUNG WATER CLOSET (ADA)	ADA HEIGHT, WALL HUNG, VITREOUS CHINA WATER CLOSET WITH BATTERY POWERED, SENSOR OPERATED FLUSH VALVE; 1.28 GPF.	1"	-	4"	2"	AMERICAN STANDARD	3351.528	AMERICAN STANDARD	3351.528	PROVIDE WITH IN-WALL, FLOOR MOUNTED CARRIER, AND HANG FIXTURE AT ADA HEIGHT; PROVIDE WITH AMERICAN STANDARD MODEL 5901.100 HEAVY DUTY, OPEN FRONT SEAT, LESS COVER.		
WC-3	WALL HUNG WATER CLOSET (CHILD SIZE)	CHILD HEIGHT, WALL HUNG, VITREOUS CHINA WATER CLOSET WITH BATTERY POWERED, SENSOR OPERATED FLUSH VALVE; 1.28 GPF.	1"	-	4"	2"	AMERICAN STANDARD	3351.528	AMERICAN STANDARD	3351.528	PROVIDE WITH WADE MODEL 311 SERIES IN-WALL, FLOOR MOUNTED CARRIER, AND SET TO 14" RIM HEIGHT; PROVIDE WITH AMERICAN STANDARD MODEL 5901.100 HEAVY DUTY, OPEN FRONT SEAT, LESS COVER.		
WC-4	FLOOR MOUNTED WATER CLOSET (CHILD SIZE)	FLOOR MOUNTED, BOTTOM OUTLET, CHILD SIZE VITREOUS CHINA WATER CLOSET WITH BATTERY POWERED, SENSOR OPERATED FLUSH VALVE; 1.28 GPF.	1"	-	4"	2"	AMERICAN STANDARD	2282.001	AMERICAN STANDARD	6065.121.002	PROVIDE WITH AMERICAN STANDARD MODEL 5001G.055 OPEN FRONT SEAT, LESS COVER.		

SUMP PUMP SCHEDULE																	
REMARKS: A. PROVIDE NEW 36" DIA. x 78" DEEP FIBERGLASS BASIN BY AK INDUSTRIES, TOPP BASINS, OR EQUAL. B. PROVIDE NEW 36" GASTIGHT COVER WITH 2" DISCHARGE AND 2" VENT OPENINGS. C. PROVIDE WITH MANUFACTURER'S PUMP REMOVAL SYSTEM COMPLETE WITH SUB BASE, FLANGE KITS, AND STAINLESS STEEL LIFTING CABLE. D. PROVIDE WITH TYPE 4X PLC DUPLEX ALTERNATING CONTROL PANEL. E. PROVIDE WITH PLC LEVEL TRANSMITTER WITH TWO FAILSAFE FLOATS. F. PROVIDE WITH MANUFACTURER'S VALVE KIT COMPLETE WITH BALL CHECKS AND ISOLATION VALVES. G. ALL UNITS SHALL HAVE INTEGRAL DISCONNECT AND OVERCURRENT/SHORT CIRCUIT PROTECTION. H. PROVIDE SYSTEM AS A COMPLETE PACKAGE FROM SINGLE SUPPLIER.																	
CODE	MANUFACTURER	MODEL NUMBER	SERVICE	TYPE	NO. OF PUMPS	FLOW (GPM)	PRESSURE (FT)	DISCHARGE (IN)	RPM	POWER(HP)	VOLT	PH	FLA	FUSE	DISC.	FEEDER	REMARKS
SP-1	WEIL	2554	GI-1	DUPLEX SUBMERSIBLE	2	100.00	30	2	1750	3	460	3	15.80	20A FRS-RK	30A/3P	(4#12,#12G) 3/4"C	A-G

GREASE INTERCEPTOR SCHEDULE											
GENERAL NOTES: 1. GI-1 SHALL HAVE FLOW CONTROL DEVICE ON OUTLET PIPING. 2. UNITS SHALL MEET ALL REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION.						REMARK NOTES: A. ABOVE FLOOR INSTALLATION. B. BUILT IN PLACE.					
CODE	DESCRIPTION	SERVICE	MANUFACTURER	MODEL NUMBER	WEIGHT (LBS)	CAPACITY (GAL)	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	REMARKS	
GI-1	SEAM WELDED, TWO-CHAMBER, POLYPROPYLENE, GRAVITY GREASE INTERCEPTOR	KVC KITCHEN	TFI / INLINE DESIGN CORP.	3000 GAL	1800.0	3000	120.0	96.0	60.0	A, B	



ALERRA

east west partners

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Date

Description

-

2021.06.04

BP4C - KVC INTERIORS - ISSUED FOR PERMIT AND CONSTRUCTION

RCRBD
Record Set
TC
08/02/2021

Seal / Signature



06/04/2021

Project Name

Steamboat Base Village
Redevelopment

Project Number

003.7835.000

Description

PLUMBING SCHEDULES

Scale

1C-P0.001

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Project Name

**Steamboat Base Village
Redevelopment**

Project Number

003.7835.000

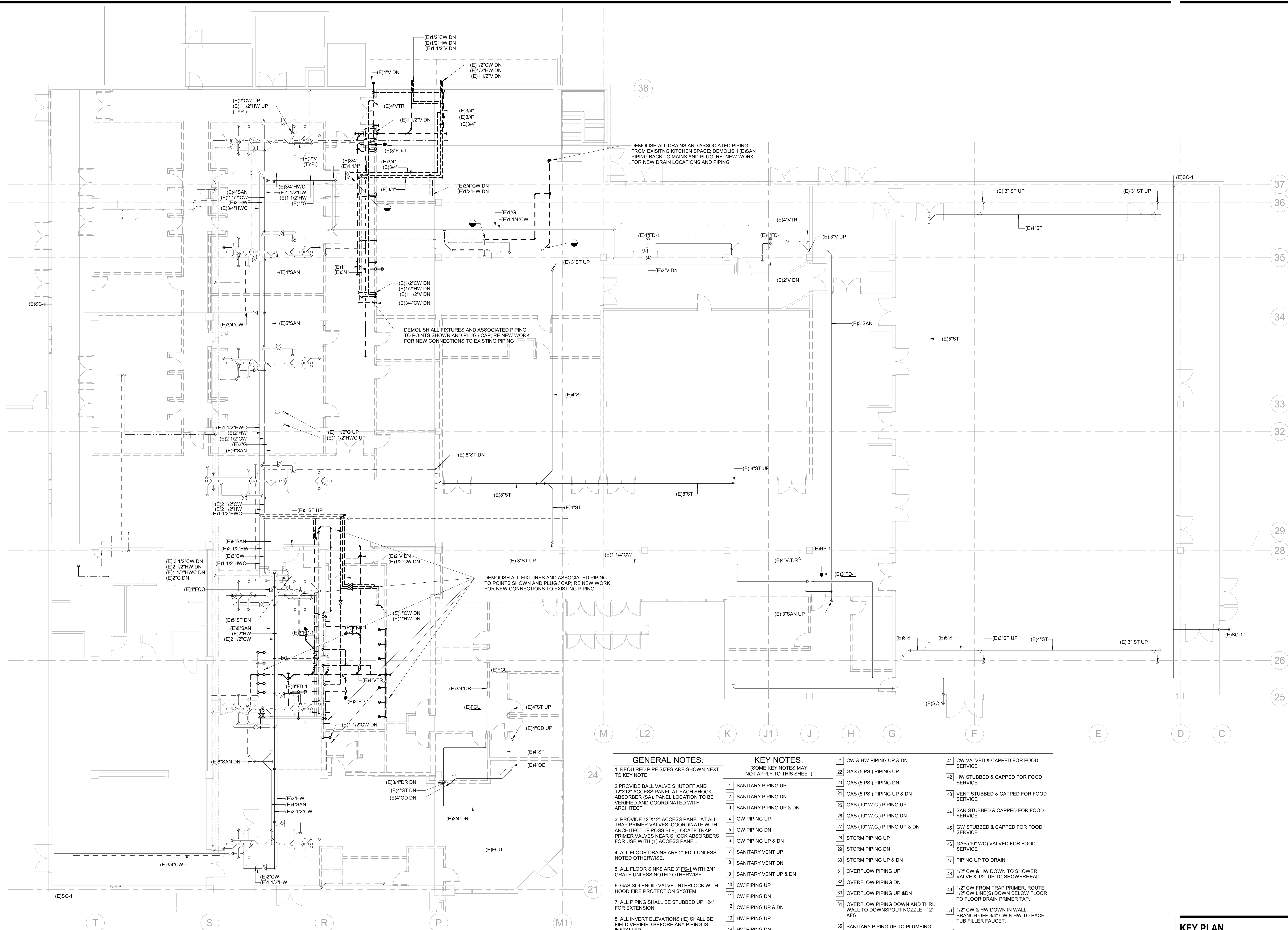
Description

PLUMBING DEMOLITION PLAN -
LEVEL 01

Scale

1/8" = 1'-0"

1C-DP1.101



GENERAL NOTES:

- REQUIRED PIPE SIZES ARE SHOWN NEXT TO KEY NOTE.
- PROVIDE BALL VALVE SHUTOFF AND 12"x12" ACCESS PANEL AT EACH SHOCK ABSORBER (SA). PANEL LOCATION TO BE VERIFIED AND COORDINATED WITH ARCHITECT.
- PROVIDE 12"x12" ACCESS PANEL AT ALL TRAP PRIMER VALVES. COORDINATE WITH ARCHITECT. IF POSSIBLE, LOCATE TRAP PRIMER VALVES NEAR SHOCK ABSORBERS FOR USE WITH (1) ACCESS PANEL.
- ALL FLOOR DRAINS ARE 2" FD-1 UNLESS NOTED OTHERWISE.
- ALL FLOOR SINKS ARE 3" FS-1 WITH 3/4" GRATE UNLESS NOTED OTHERWISE.
- GAS SOLENOID VALVE. INTERLOCK WITH HOOD FIRE PROTECTION SYSTEM.
- ALL PIPING SHALL BE STUBBED UP +24" FOR EXTENSION.
- ALL INVERT ELEVATIONS (IE) SHALL BE FIELD VERIFIED BEFORE ANY PIPING IS INSTALLED.
- ALL CIRCUIT SETTERS SHALL BE SET AT 1.0 GPM UNLESS NOTED OTHERWISE.

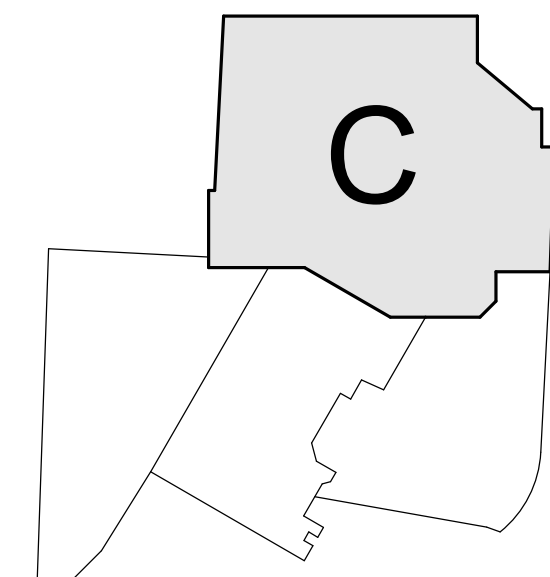
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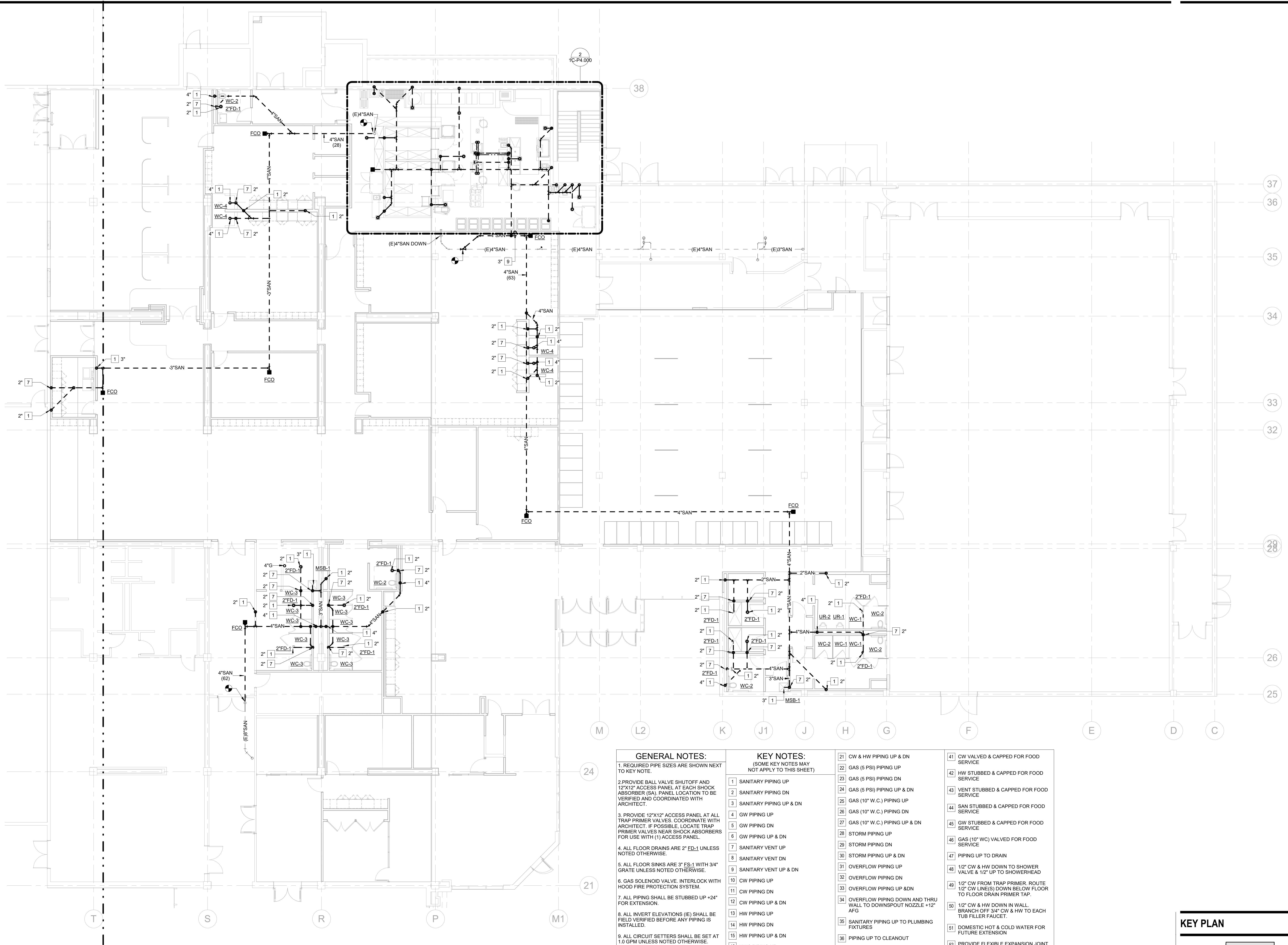
(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET)

- | | | | |
|----|-------------------------|----|---|
| 1 | SANITARY PIPING UP | 21 | CW & HW PIPING UP & DN |
| 2 | SANITARY PIPING DN | 22 | GAS (5 PSI) PIPING UP |
| 3 | SANITARY PIPING UP & DN | 23 | GAS (5 PSI) PIPING DN |
| 4 | GW PIPING UP | 24 | GAS (5 PSI) PIPING UP & DN |
| 5 | GW PIPING DN | 25 | GAS (10" W.C.) PIPING UP |
| 6 | GW PIPING UP & DN | 26 | GAS (10" W.C.) PIPING DN |
| 7 | SANITARY VENT UP | 27 | GAS (10" W.C.) PIPING UP & DN |
| 8 | SANITARY VENT DN | 28 | STORM PIPING UP |
| 9 | SANITARY VENT UP & DN | 29 | STORM PIPING DN |
| 10 | CW PIPING UP | 30 | STORM PIPING UP & DN |
| 11 | CW PIPING DN | 31 | OVERFLOW PIPING UP |
| 12 | CW PIPING UP & DN | 32 | OVERFLOW PIPING DN |
| 13 | HW PIPING UP | 33 | OVERFLOW PIPING UP & DN |
| 14 | HW PIPING DN | 34 | OVERFLOW PIPING DOWN AND THRU WALL TO DOWNSPOUT NOZZLE +12" AFG |
| 15 | HW PIPING UP & DN | 35 | SANITARY PIPING UP TO PLUMBING FIXTURES |
| 16 | HWC PIPING UP | 36 | PIPING UP TO CLEANOUT |
| 17 | HWC PIPING DN | 37 | CW HEADER |
| 18 | HWC PIPING UP & DN | 38 | HW HEADER |
| 19 | CW & HW PIPING UP | 39 | CW & HW HEADER |
| 20 | CW & HW PIPING DN | 40 | 1/2" CW & HW TO EACH LAV/SK |

- | | |
|----|---|
| 41 | CW VALVED & CAPPED FOR FOOD SERVICE |
| 42 | HW STUBBED & CAPPED FOR FOOD SERVICE |
| 43 | VENT STUBBED & CAPPED FOR FOOD SERVICE |
| 44 | SAN STUBBED & CAPPED FOR FOOD SERVICE |
| 45 | GW STUBBED & CAPPED FOR FOOD SERVICE |
| 46 | GAS (10" WC) VALVED FOR FOOD SERVICE |
| 47 | PIPING UP TO DRAIN |
| 48 | 1/2" CW & HW DOWN TO SHOWER VALVE & 1/2" UP TO SHOWERHEAD |
| 49 | 1/2" CW FROM TRAP PRIMER. ROUTE 1/2" CW LINE(S) DOWN BELOW FLOOR TO FLOOR DRAIN PRIMER TAP. |
| 50 | 1/2" CW & HW DOWN IN WALL. BRANCH OFF 3/4" CW & HW TO EACH TUB FILLER FAUCET. |
| 51 | DOMESTIC HOT & COLD WATER FOR FUTURE EXTENSION |
| 52 | PROVIDE FLEXIBLE EXPANSION JOINT TO ACCOMMODATE 8" OF MOVEMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS. |

KEY PLAN





1 PLUMBING PLAN - LEVEL 01 UNDERFLOOR

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

GENERAL NOTES:

1. REQUIRED PIPE SIZES ARE SHOWN NEXT TO KEY NOTE.
2. PROVIDE BALL VALVE SHUTOFF AND 12"x12" ACCESS PANEL AT EACH SHOCK ABSORBER (SA). PANEL LOCATION TO BE VERIFIED AND COORDINATED WITH ARCHITECT.
3. PROVIDE 12"x12" ACCESS PANEL AT ALL TRAP PRIMER VALVES. COORDINATE WITH ARCHITECT. IF POSSIBLE, LOCATE TRAP PRIMER VALVES NEAR SHOCK ABSORBERS FOR USE WITH (1) ACCESS PANEL.
4. ALL FLOOR DRAINS ARE 2" FD-1 UNLESS NOTED OTHERWISE.
5. ALL FLOOR SINKS ARE 3" FS-1 WITH 3/4" GRATE UNLESS NOTED OTHERWISE.
6. GAS SOLENOID VALVE. INTERLOCK WITH HOOD FIRE PROTECTION SYSTEM.
7. ALL PIPING SHALL BE STUBBED UP +24" FOR EXTENSION.
8. ALL INVERT ELEVATIONS (IE) SHALL BE FIELD VERIFIED BEFORE ANY PIPING IS INSTALLED.
9. ALL CIRCUIT SETTERS SHALL BE SET AT 1.0 GPM UNLESS NOTED OTHERWISE.

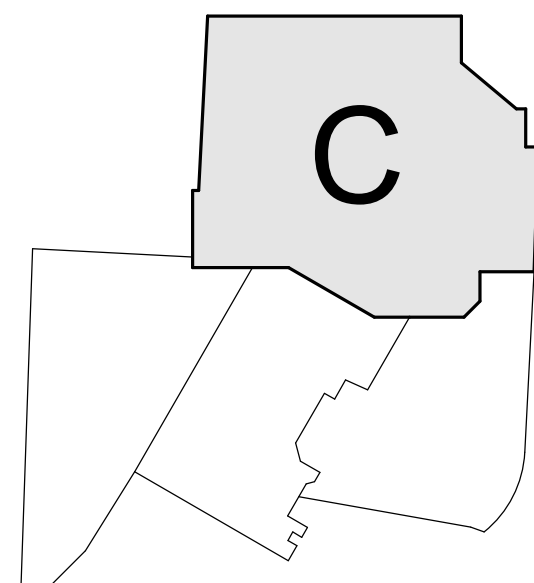
KEY NOTES:
(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET)

1. SANITARY PIPING UP
2. SANITARY PIPING DN
3. SANITARY PIPING UP & DN
4. GW PIPING UP
5. GW PIPING DN
6. GW PIPING UP & DN
7. SANITARY VENT UP
8. SANITARY VENT DN
9. SANITARY VENT UP & DN
10. CW PIPING UP
11. CW PIPING DN
12. CW PIPING UP & DN
13. HW PIPING UP
14. HW PIPING DN
15. HW PIPING UP & DN
16. HWC PIPING UP
17. HWC PIPING DN
18. HWC PIPING UP & DN
19. CW & HW PIPING UP
20. CW & HW PIPING DN

21. CW & HW PIPING UP & DN
22. GAS (5 PSI) PIPING UP
23. GAS (5 PSI) PIPING DN
24. GAS (5 PSI) PIPING UP & DN
25. GAS (10" W.C.) PIPING UP
26. GAS (10" W.C.) PIPING DN
27. GAS (10" W.C.) PIPING UP & DN
28. STORM PIPING UP
29. STORM PIPING DN
30. STORM PIPING UP & DN
31. OVERFLOW PIPING UP
32. OVERFLOW PIPING DN
33. OVERFLOW PIPING UP & DN
34. OVERFLOW PIPING DOWN AND THRU WALL TO DOWNSPOUT NOZZLE +12" AFG
35. SANITARY PIPING UP TO PLUMBING FIXTURES
36. PIPING UP TO CLEANOUT
37. CW HEADER
38. HW HEADER
39. CW & HW HEADER
40. 1/2" CW & HW TO EACH LAV/SK

41. CW VALVED & CAPPED FOR FOOD SERVICE
42. HW STUBBED & CAPPED FOR FOOD SERVICE
43. VENT STUBBED & CAPPED FOR FOOD SERVICE
44. SAN STUBBED & CAPPED FOR FOOD SERVICE
45. GW STUBBED & CAPPED FOR FOOD SERVICE
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51. DOMESTIC HOT & COLD WATER FOR FUTURE EXTENSION
52. PROVIDE FLEXIBLE EXPANSION JOINT TO ACCOMMODATE 8" OF MOVEMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS.

KEY PLAN



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Seal / Signature



06/04/2021

Project Name

Steamboat Base Village
Redevelopment

Project Number

003.7835.000

Description

PLUMBING PLAN - LEVEL 01
UNDERFLOOR

Scale

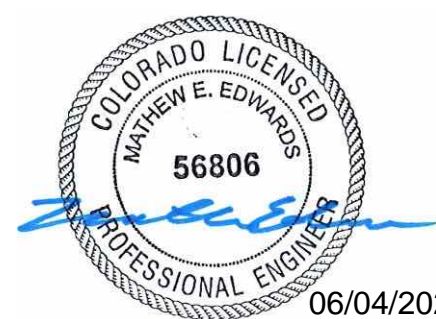
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1C-P1.100

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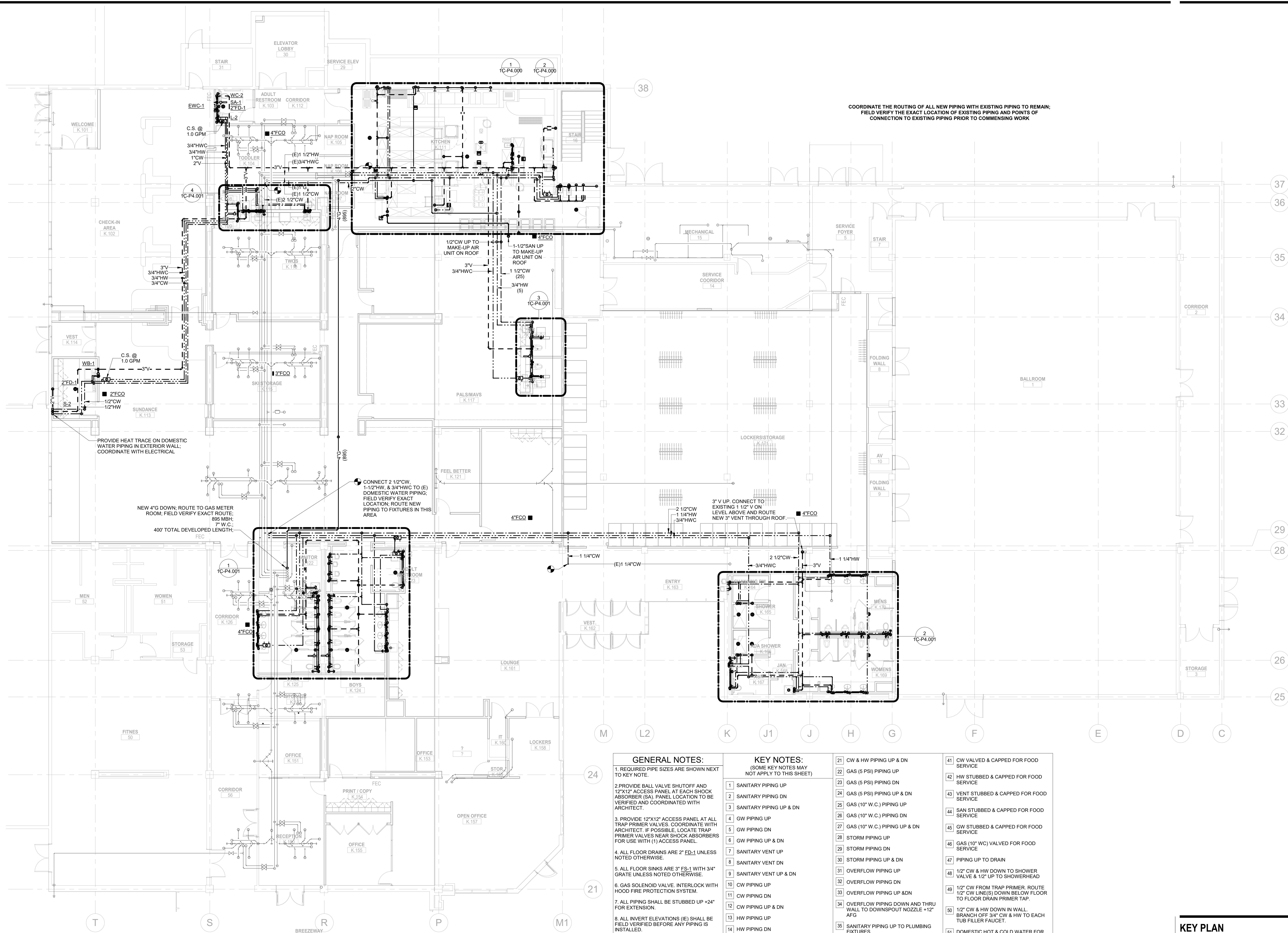
Description

PLUMBING PLAN - LEVEL 01

Scale

1/8" = 1'-0"

1C-P1.101



GENERAL NOTES:

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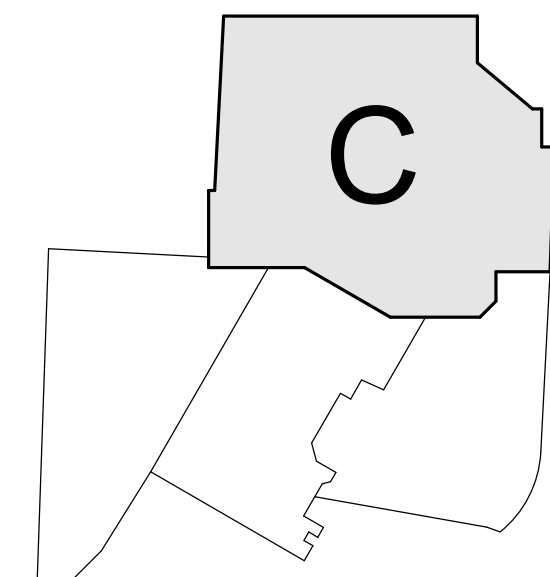
KEY NOTES:
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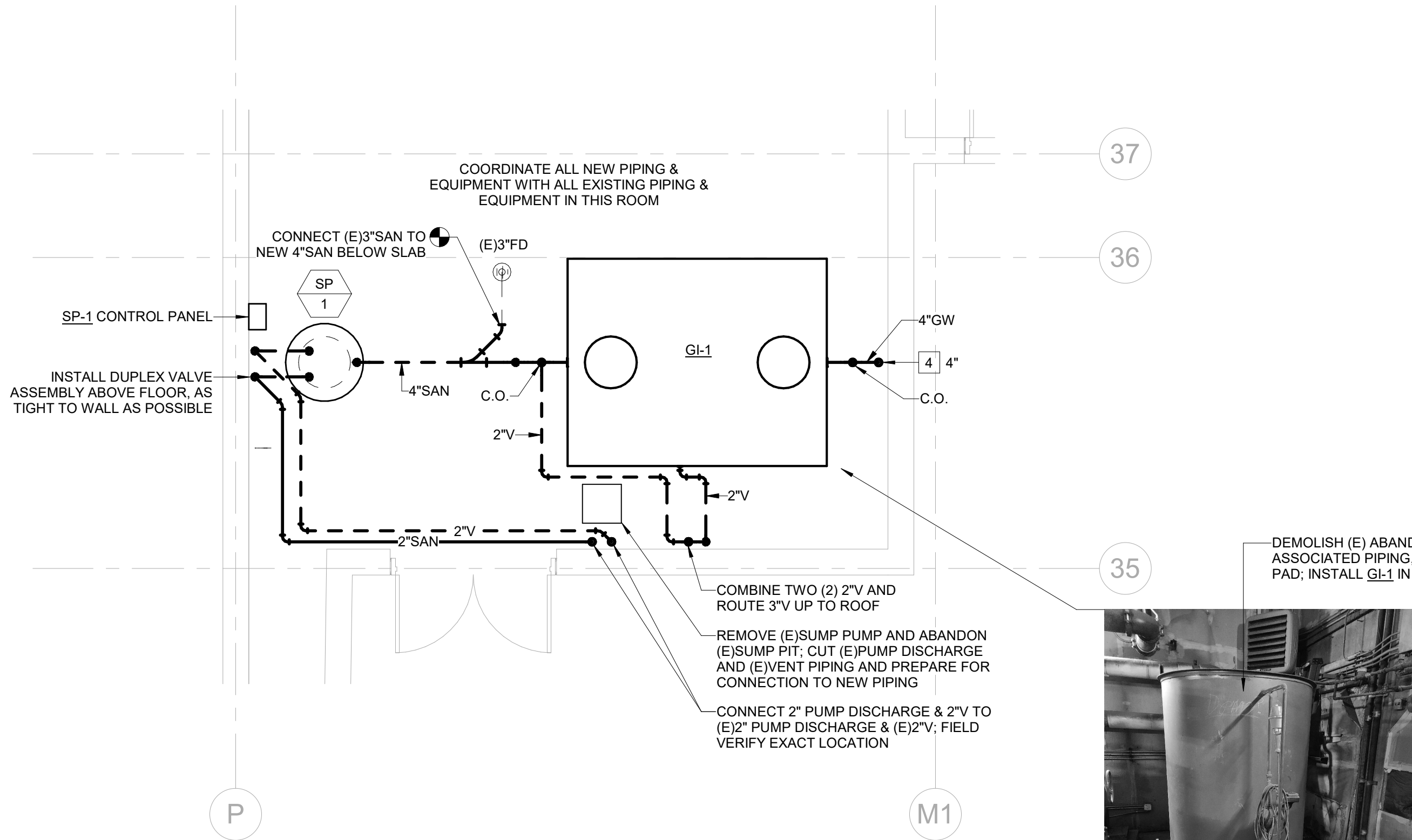
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- SANITARY VENT UP
- SANITARY VENT DN
- SANITARY VENT UP & DN
- CW PIPING UP
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- CW PIPING UP & DN
- HW PIPING UP
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- HWC PIPING UP
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- HWC PIPING UP & DN
- CW & HW PIPING UP
- CW & HW PIPING DN

- CW & HW PIPING UP & DN
- GAS (5 PSI) PIPING UP
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- GAS (10" W.C.) PIPING UP
- GAS (10" W.C.) PIPING DN
- GAS (10" W.C.) PIPING UP & DN
- STORM PIPING UP
- STORM PIPING DN
- STORM PIPING UP & DN
- OVERFLOW PIPING UP
- OVERFLOW PIPING DN
- OVERFLOW PIPING UP & DN
- OVERFLOW PIPING DOWN AND THRU WALL TO DOWNSPOUT NOZZLE +12" AFG
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- 1/2" CW FROM TRAP PRIMER. ROUTE 1/2" CW LINE(S) DOWN BELOW FLOOR TO FLOOR DRAIN PRIMER TAP.
- 1/2" CW & HW DOWN IN WALL. BRANCH OFF 3/4" CW & HW TO EACH TUB FILLER FAUCET.
- DOMESTIC HOT & COLD WATER FOR FUTURE EXTENSION
- PROVIDE FLEXIBLE EXPANSION JOINT TO ACCOMMODATE 8" OF MOVEMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS.

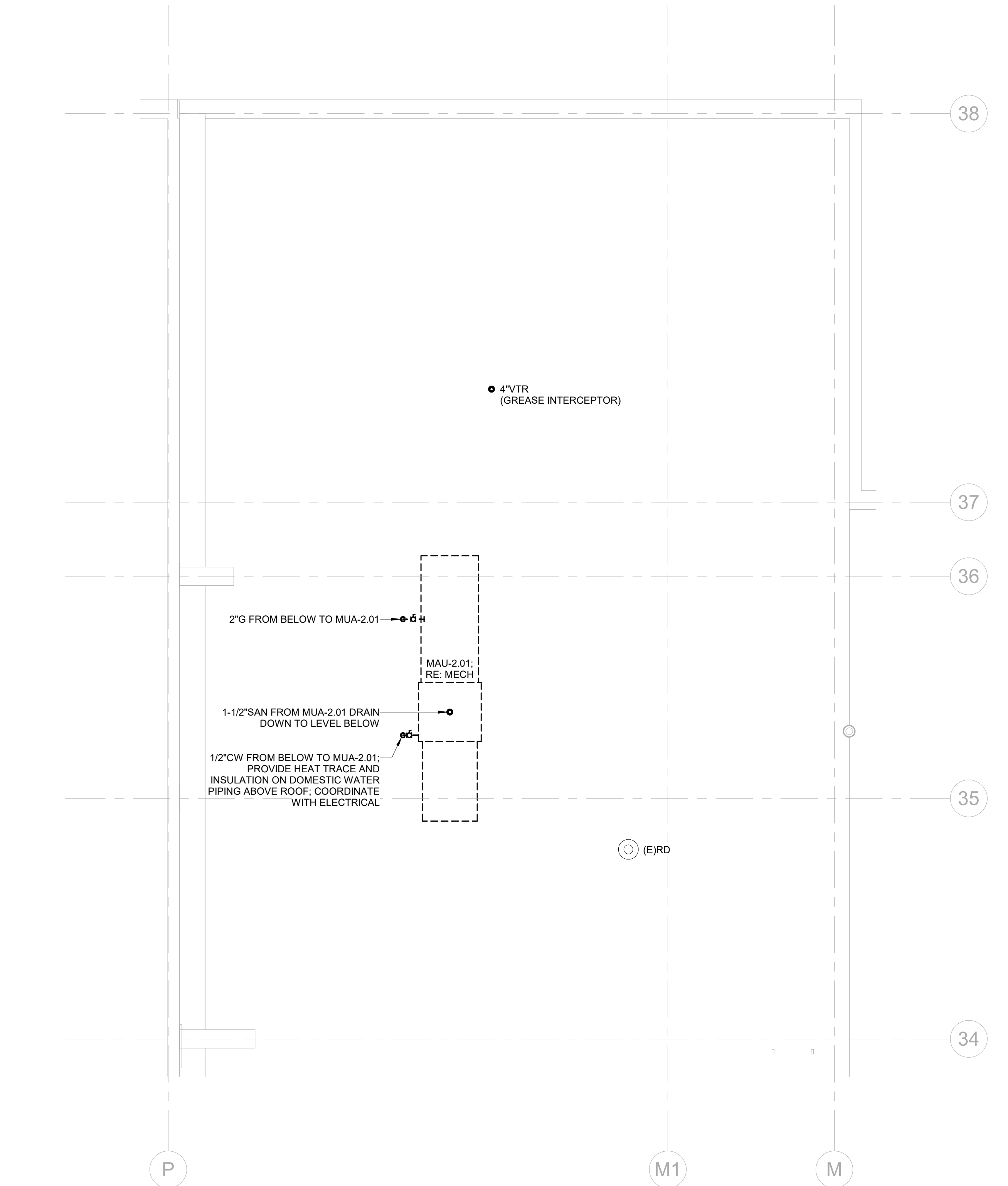
KEY PLAN





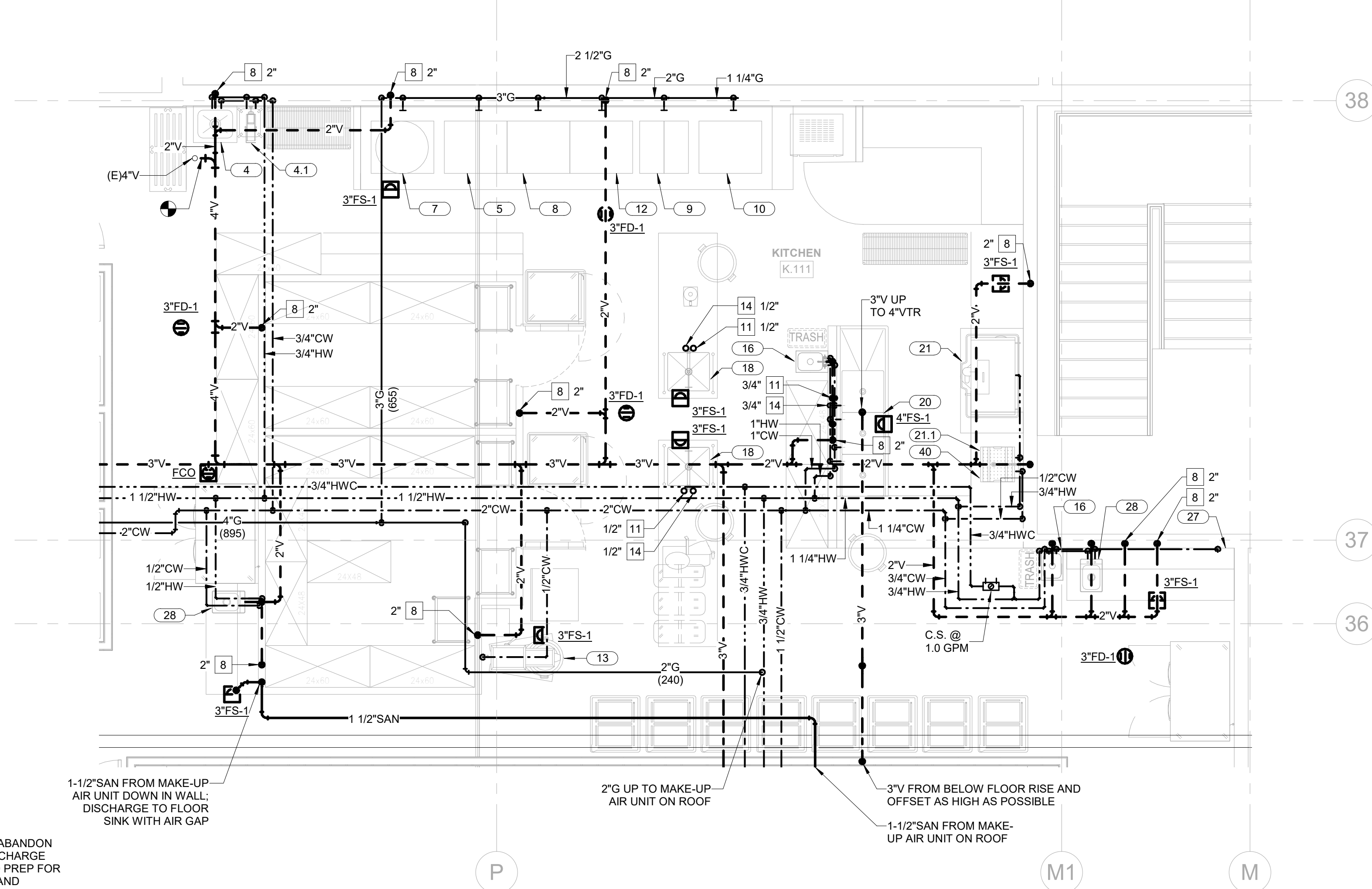
3 LOWER GARAGE MECHANICAL ROOM PLUMBING PLAN

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



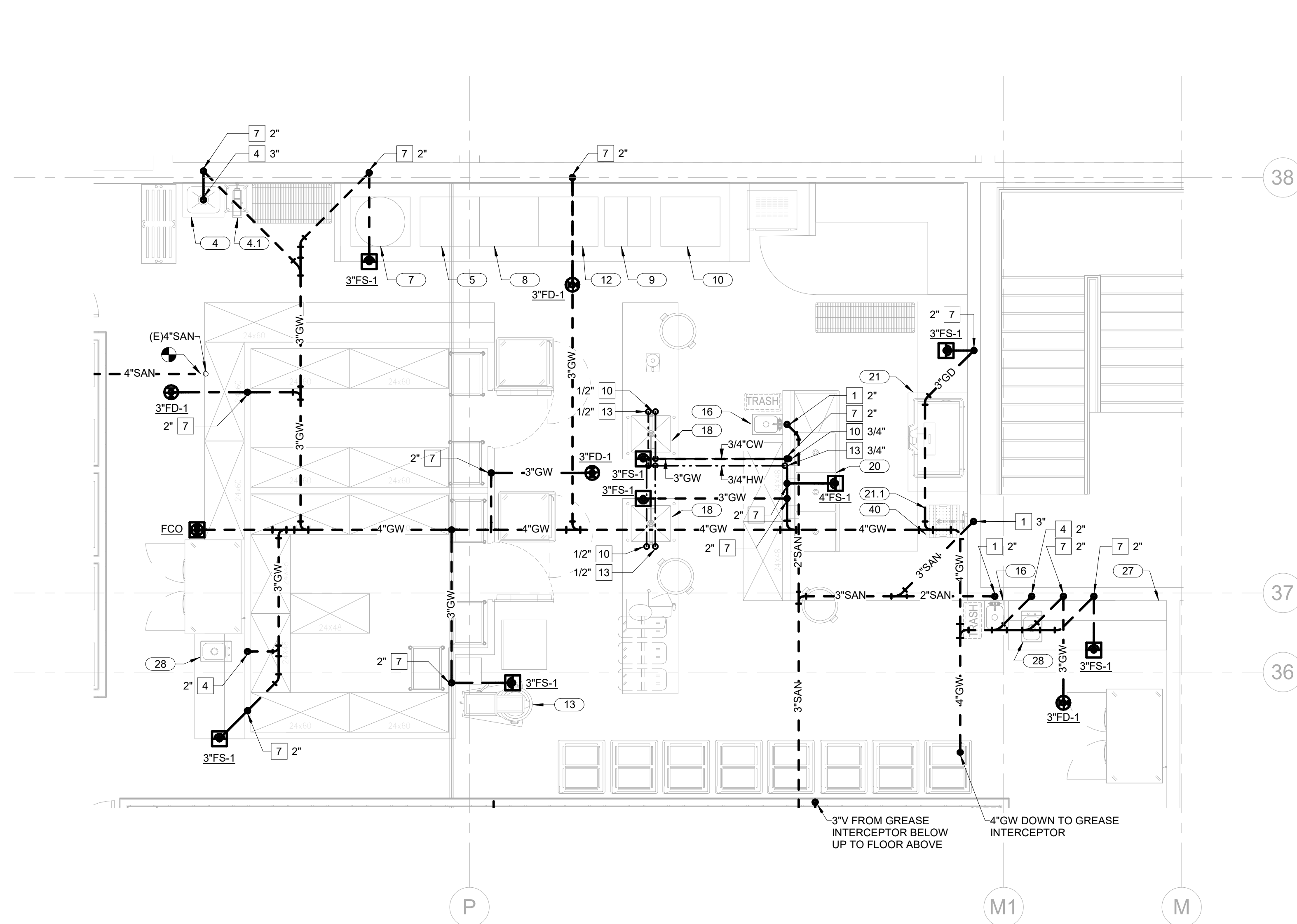
4 ENLARGED PLUMBING PLAN - PARTIAL ROOF

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



1 PLUMBING ENLARGED PLAN - KITCHEN

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



2 PLUMBING ENLARGED PLAN - KITCHEN UNDERFLOOR

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

GENERAL NOTES:

1. REQUIRED PIPE SIZES ARE SHOWN NEXT TO KEY NOTE.
2. PROVIDE BALL VALVE SHUTOFF AND 12\"/>
3. PROVIDE 12\"/>
4. ALL FLOOR DRAINS ARE 2\"/>
5. ALL FLOOR SINKS ARE 3\"/>
6. GAS SOLENOID VALVE: INTERLOCK WITH HOOD FIRE PROTECTION SYSTEM.
7. ALL INVERT ELEVATIONS (IE) SHALL BE FIELD VERIFIED BEFORE ANY PIPING IS INSTALLED.
8. ALL CIRCUIT SETTERS SHALL BE SET AT 1.0 GPM UNLESS NOTED OTHERWISE.

KEY NOTES:

(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET)

- 1 SANITARY PIPING UP
- 2 SANITARY PIPING DN
- 3 SANITARY PIPING UP & DN
- 4 GW PIPING UP
- 5 GW PIPING DN
- 6 GW PIPING UP & DN
- 7 SANITARY VENT UP
- 8 SANITARY VENT DN
- 9 SANITARY VENT UP & DN
- 10 CW PIPING UP
- 11 CW PIPING DN
- 12 CW PIPING UP & DN
- 13 HW PIPING UP
- 14 HW PIPING DN
- 15 HW PIPING UP & DN
- 16 HWC PIPING UP
- 17 HWC PIPING DN
- 18 HWC PIPING UP & DN
- 19 CW & HW PIPING UP
- 20 CW & HW PIPING DN
- 21 CW & HW PIPING UP & DN
- 22 GAS (5 PSI) PIPING UP
- 23 GAS (5 PSI) PIPING DN
- 24 GAS (5 PSI) PIPING UP & DN
- 25 GAS (10\"/>
- 26 GAS (10\"/>
- 27 GAS (10\"/>
- 28 STORM PIPING UP
- 29 STORM PIPING DN
- 30 STORM PIPING UP & DN
- 31 OVERFLOW PIPING UP
- 32 OVERFLOW PIPING DN
- 33 OVERFLOW PIPING UP & DN
- 34 OVERFLOW PIPING DOWN AND THRU WALL TO DOWNSPOUT NOZZLE +12\"/>
- 35 SANITARY PIPING UP TO PLUMBING FIXTURES
- 36 PIPING UP TO CLEANOUT
- 37 CW HEADER
- 38 HW HEADER
- 39 CW & HW HEADER
- 40 1/2\"/>
- 41 CW VALVED & CAPPED FOR FOOD SERVICE
- 42 HW STUBBED & CAPPED FOR FOOD SERVICE
- 43 VENT STUBBED & CAPPED FOR FOOD SERVICE
- 44 SAN STUBBED & CAPPED FOR FOOD SERVICE
- 45 GW STUBBED & CAPPED FOR FOOD SERVICE
- 46 GAS (10\"/>
- 47 PIPING UP TO DRAIN
- 48 1/2\"/>
- 49 1/2\"/>
- 50 1/2\"/>
- 51 DOMESTIC HOT & COLD WATER FOR FUTURE EXTENSION
- 52 PROVIDE FLEXIBLE EXPANSION JOINT TO ACCOMMODATE 8\"/>

Date	Description
2021.06.04	BP4C - KVC INTERIORS - ISSUED FOR PERMIT AND CONSTRUCTION

RCRBD
Record Set
TC
08/02/2021

Seal / Signature



Project Name

Steamboat Base Village
Redevelopment

Project Number

003.7835.000

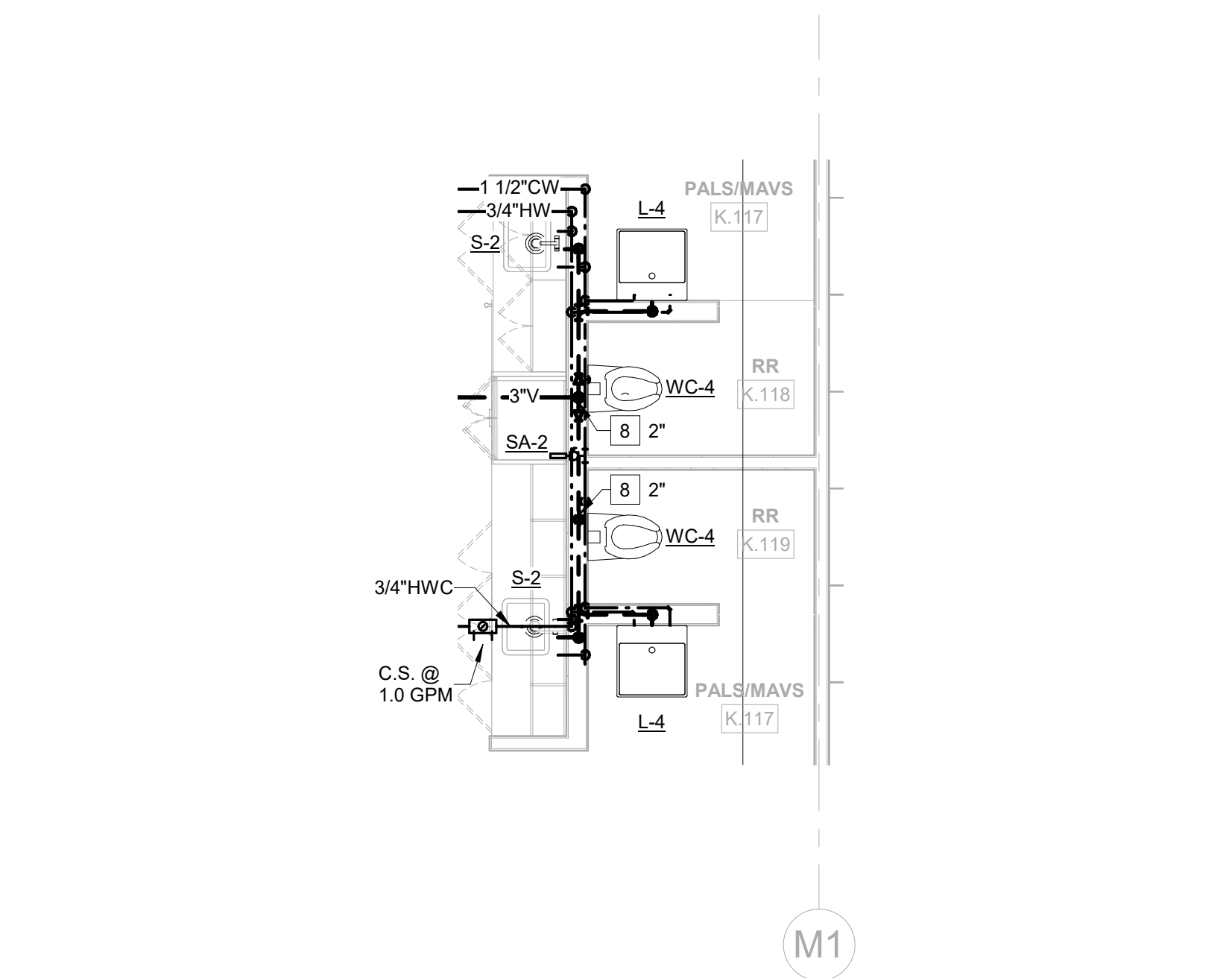
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PLUMBING ENLARGED PLANS

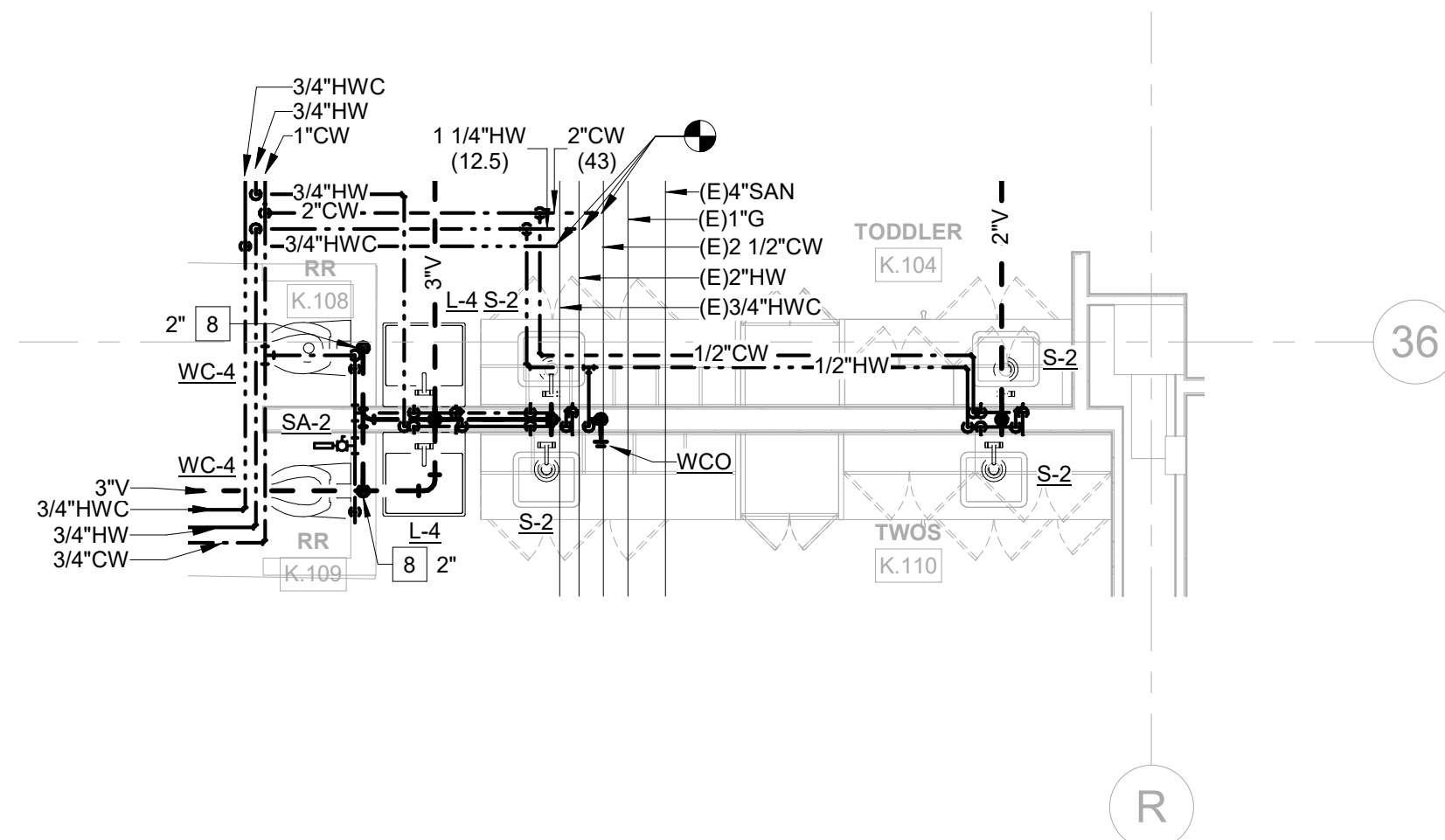
Scale

1/4" = 1'-0"

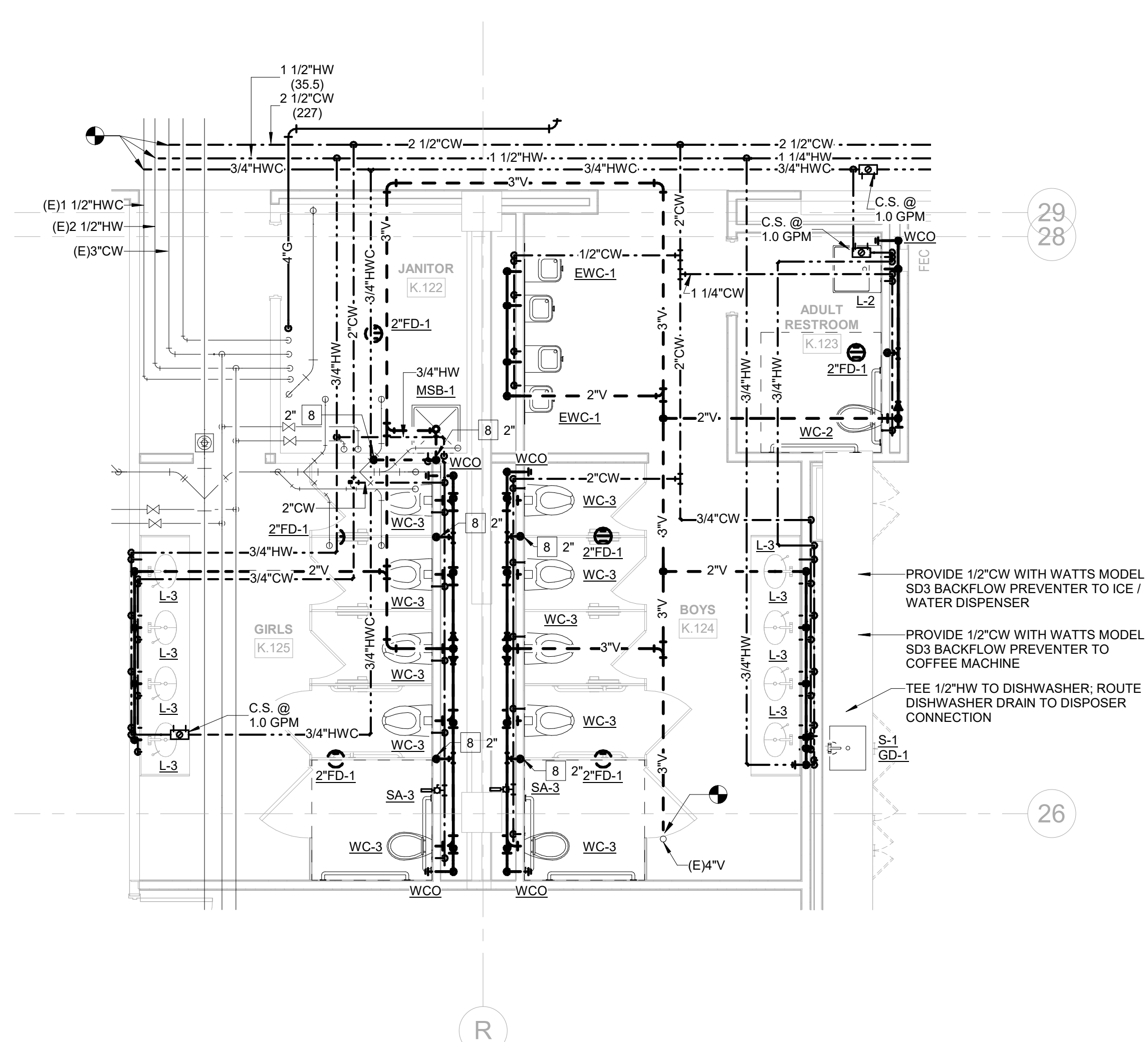
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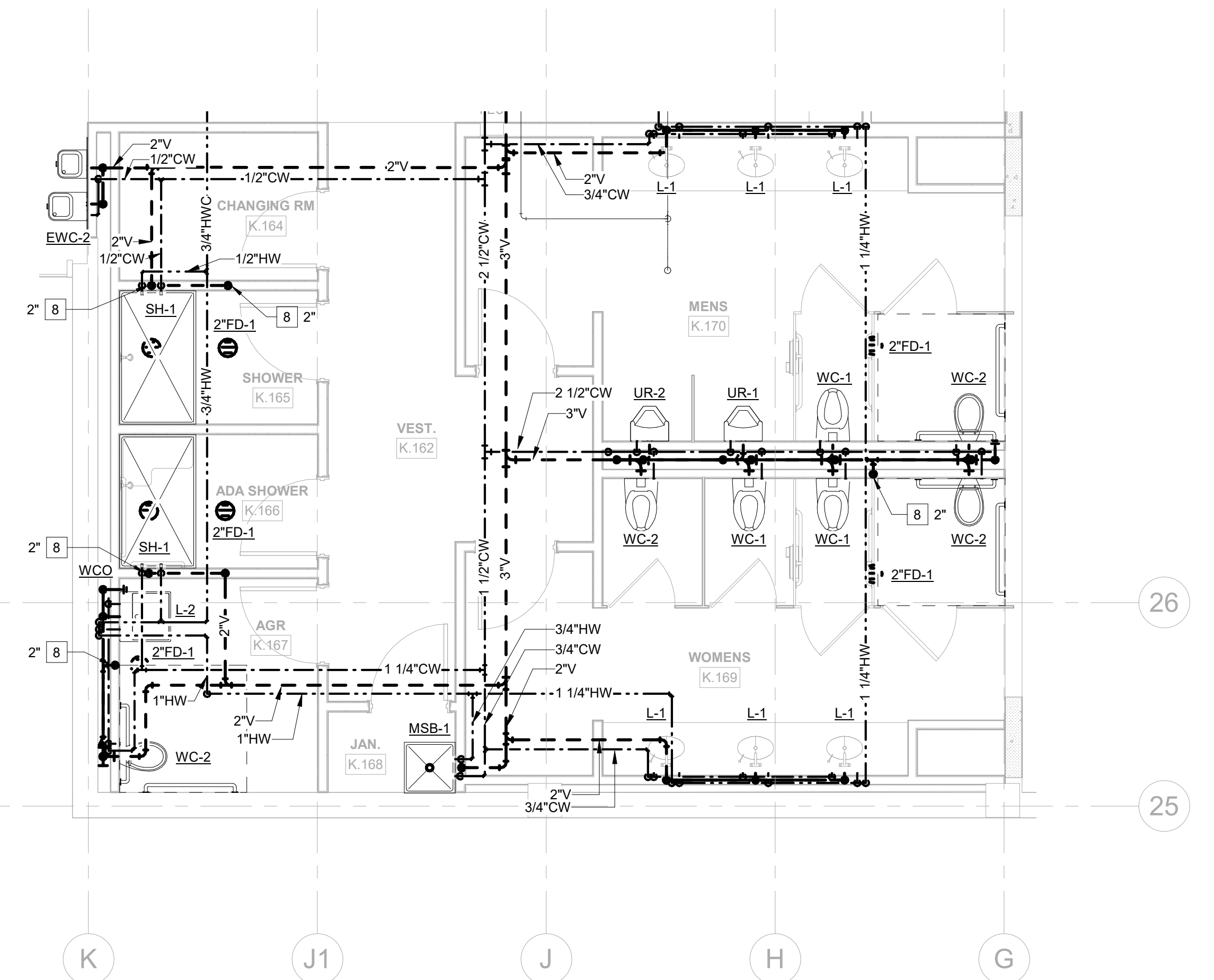
3 PLUMBING ENLARGED PLAN - RR K.118 & K.119
SCALE: 1/4" = 1'-0"



4 PLUMBING ENLARGED PLAN - RR K.108 & K.109
SCALE: 1/4" = 1'-0"



1 PLUMBING ENLARGED PLAN - BOYS K.124 & GIRLS K.125
SCALE: 1/4" = 1'-0"



2 PLUMBING ENLARGED PLAN - WOMENS K.169 & MENS K.170
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REQUIRED PIPE SIZES ARE SHOWN NEXT TO KEY NOTE.
2. PROVIDE BALL VALVE SHUTOFF AND 12"X12" ACCESS PANEL AT EACH SHOCK ABSORBER (SA). PANEL LOCATION TO BE VERIFIED AND COORDINATED WITH ARCHITECT.
3. PROVIDE 12"X12" ACCESS PANEL AT ALL TRAP PRIMER VALVES. COORDINATE WITH ARCHITECT. IF POSSIBLE, LOCATE TRAP PRIMER VALVES NEAR SHOCK ABSORBERS FOR USE WITH (1) ACCESS PANEL.
4. ALL FLOOR DRAINS ARE 2" ED-1 UNLESS NOTED OTHERWISE.
5. ALL FLOOR SINKS ARE 3" ES-1 WITH 3/4" GRATE UNLESS NOTED OTHERWISE.
6. GAS SOLENOID VALVE: INTERLOCK WITH HOOD FIRE PROTECTION SYSTEM.
7. ALL INVERT ELEVATIONS (IE) SHALL BE FIELD VERIFIED BEFORE ANY PIPING IS INSTALLED.
8. ALL CIRCUIT SETTERS SHALL BE SET AT 1.0 GPM UNLESS NOTED OTHERWISE.

KEY NOTES:

(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET)

- 1 SANITARY PIPING UP
- 2 SANITARY PIPING DN
- 3 SANITARY PIPING UP & DN
- 4 GW PIPING UP
- 5 GW PIPING DN
- 6 GW PIPING UP & DN
- 7 SANITARY VENT UP
- 8 SANITARY VENT DN
- 9 SANITARY VENT UP & DN
- 10 CW PIPING UP
- 11 CW PIPING DN
- 12 CW PIPING UP & DN
- 13 HW PIPING UP
- 14 HW PIPING DN
- 15 HW PIPING UP & DN
- 16 HWC PIPING UP
- 17 HWC PIPING DN
- 18 HWC PIPING UP & DN
- 19 CW & HW PIPING UP
- 20 CW & HW PIPING DN
- 21 CW & HW PIPING UP & DN
- 22 GAS (5 PSI) PIPING UP
- 23 GAS (5 PSI) PIPING DN
- 24 GAS (5 PSI) PIPING UP & DN
- 25 GAS (10" W.C.) PIPING UP
- 26 GAS (10" W.C.) PIPING DN
- 27 GAS (10" W.C.) PIPING UP & DN
- 28 STORM PIPING UP
- 29 STORM PIPING DN
- 30 STORM PIPING UP & DN
- 31 OVERFLOW PIPING UP
- 32 OVERFLOW PIPING DN
- 33 OVERFLOW PIPING UP & DN
- 34 OVERFLOW PIPING DOWN AND THRU WALL TO DOWNSPOUT NOZZLE +12" AFG
- 35 SANITARY PIPING UP TO PLUMBING FIXTURES
- 36 PIPING UP TO CLEANOUT
- 37 CW HEADER
- 38 HW HEADER
- 39 CW & HW HEADER
- 40 1/2" CW & HW TO EACH LAV/SK
- 41 CW VALVED & CAPPED FOR FOOD SERVICE
- 42 HW STUBBED & CAPPED FOR FOOD SERVICE
- 43 VENT STUBBED & CAPPED FOR FOOD SERVICE
- 44 SAN STUBBED & CAPPED FOR FOOD SERVICE
- 45 GW STUBBED & CAPPED FOR FOOD SERVICE
- 46 GAS (10" WC) VALVED FOR FOOD SERVICE
- 47 PIPING UP TO DRAIN
- 48 1/2" CW & HW DOWN TO SHOWER VALVE & 1/2" UP TO SHOWERHEAD
- 49 1/2" CW FROM TRAP PRIMER. ROUTE 1/2" CW LINE(S) DOWN BELOW FLOOR TO FLOOR DRAIN PRIMER TAP.
- 50 1/2" CW & HW DOWN IN WALL. BRANCH OFF 3/4" CW & HW TO EACH TUB FILLER FAUCET.
- 51 DOMESTIC HOT & COLD WATER FOR FUTURE EXTENSION
- 52 PROVIDE FLEXIBLE EXPANSION JOINT TO ACCOMMODATE 8" OF MOVEMENT. INSTALL PER MANUFACTURER RECOMMENDATIONS.

Steamboat

ALTERRA east west partners
MOUNTAIN COMPANY

[SET PROJECT ADDRESS PARAMETER & ENERGY SETTINGS IF APPLICABLE]

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1225 17th Street Suite 150
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Tel 303.595.8585
Fax 303.825.6823

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engineers

14143 Denver West Pkwy
Suite 300
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Tel 303.431.6655

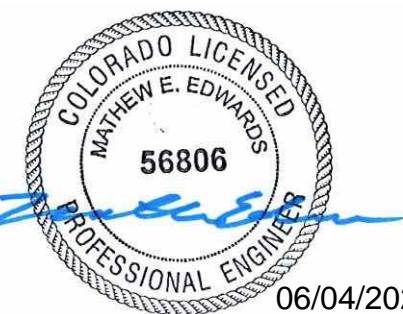
MARTIN/MARTIN
ARCHITECTS

12499 West Cofax Ave.
Lakewood, CO 80215
United States
Tel 303.431.6100

△	Date	Description
-	2021.06.04	BPAC - KVC INTERIORS - ISSUED FOR PERMIT AND CONSTRUCTION

RCRBD
Record Set
TC
08/02/2021

Seal / Signature



06/04/2021

Project Name

Steamboat Base Village
Redevelopment

Project Number

003.7835.000

Description

PLUMBING ENLARGED PLANS

Scale

1/4" = 1'-0"

1C-P4.001

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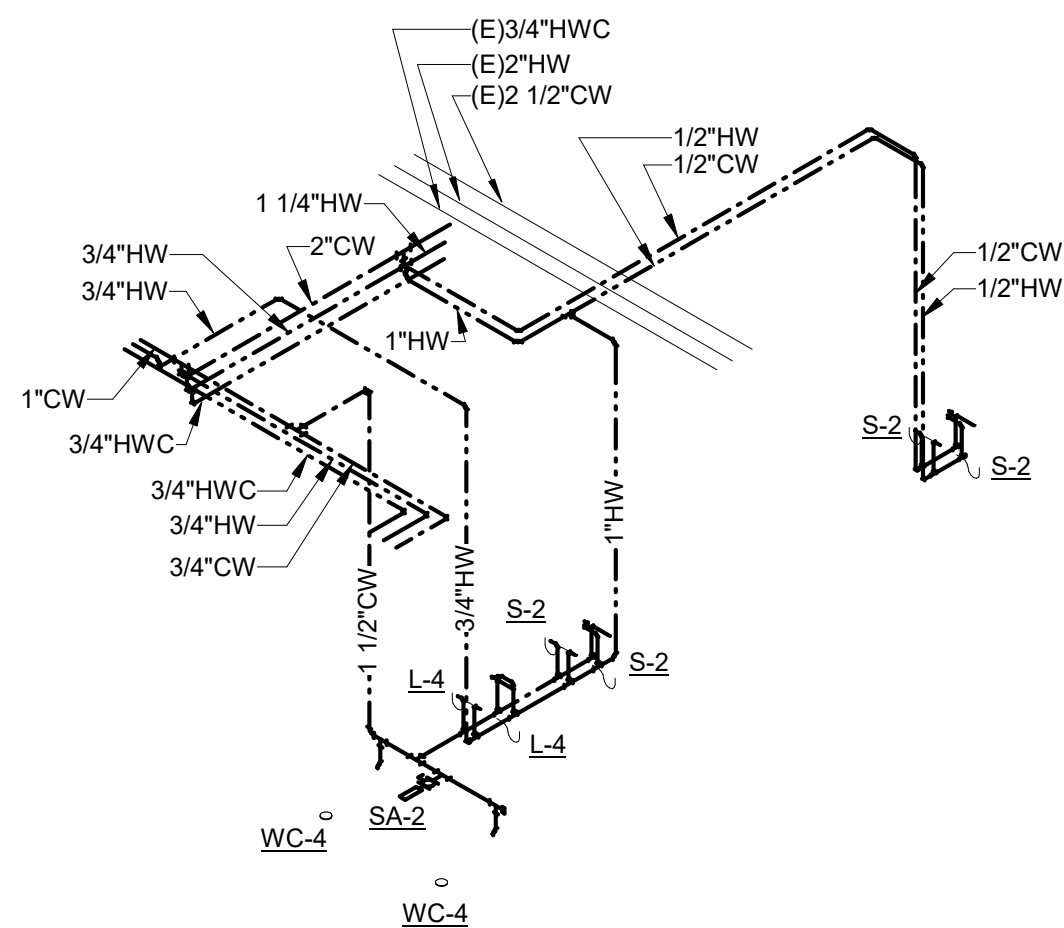
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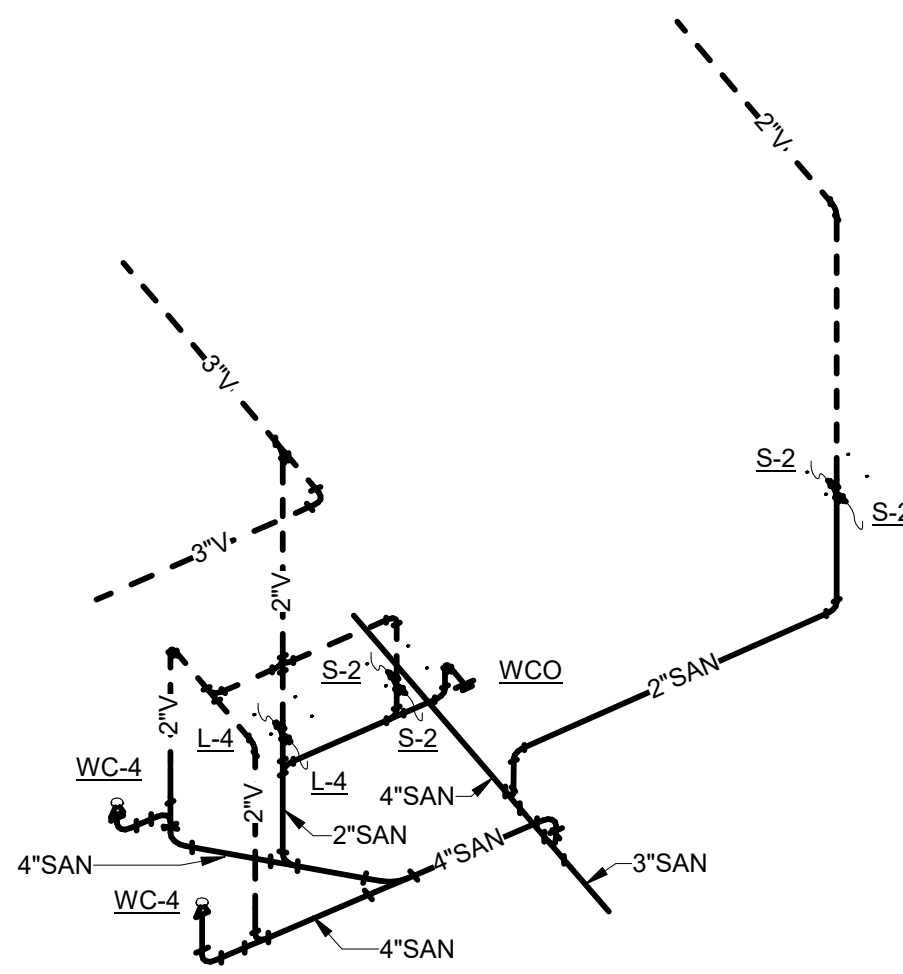
PLUMBING ISOMETRICS

Scale

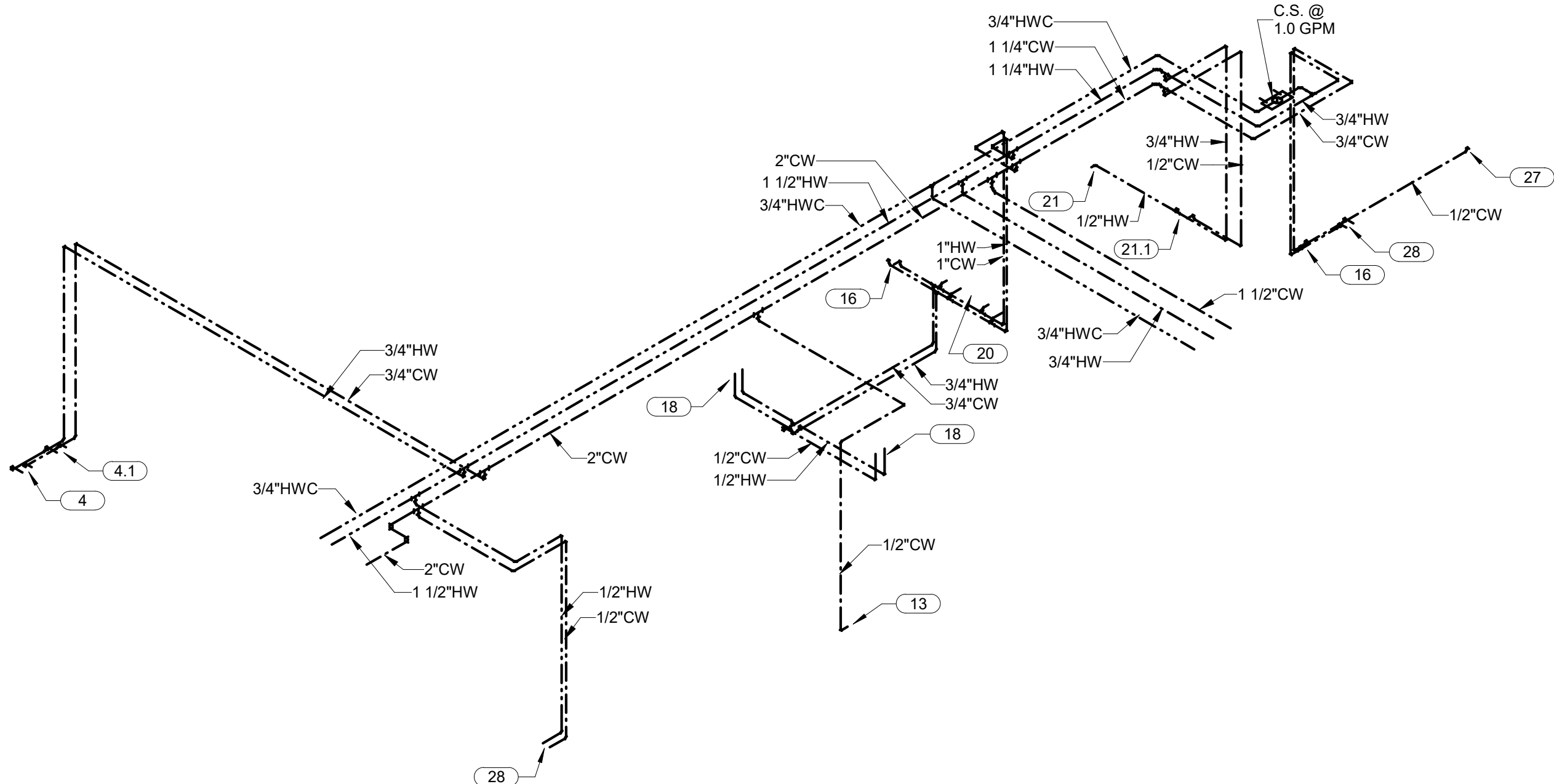
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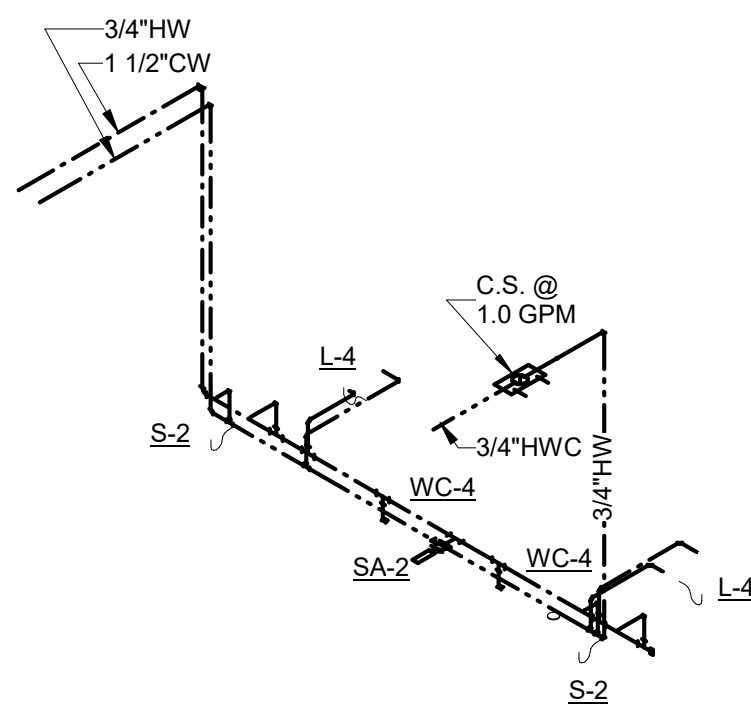
5 PLUMBING WATER ISOMETRIC - RR K.108 & K.109
SCALE:



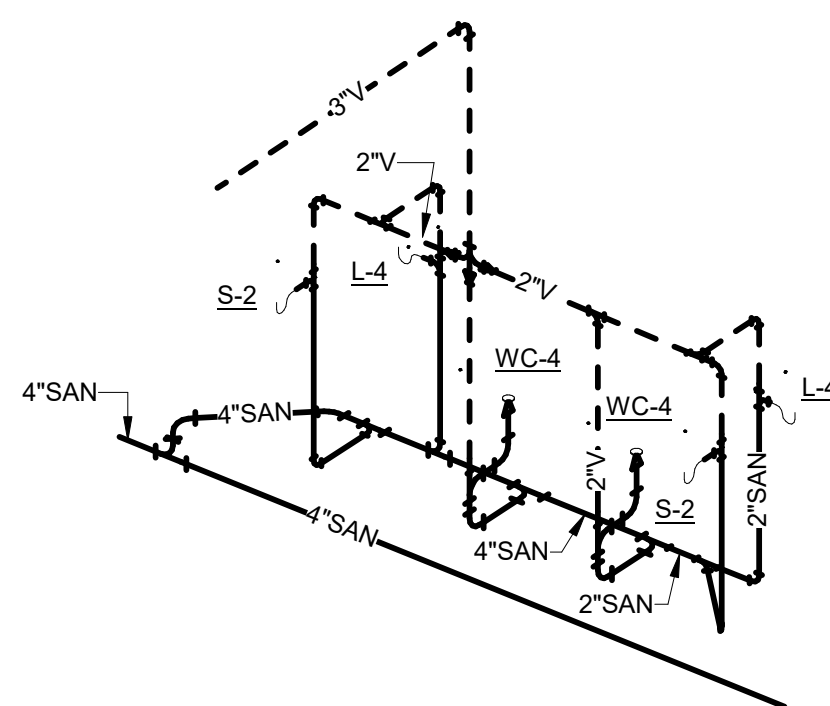
4 PLUMBING SANITARY ISOMETRIC - RR K.108 & K.109
SCALE:



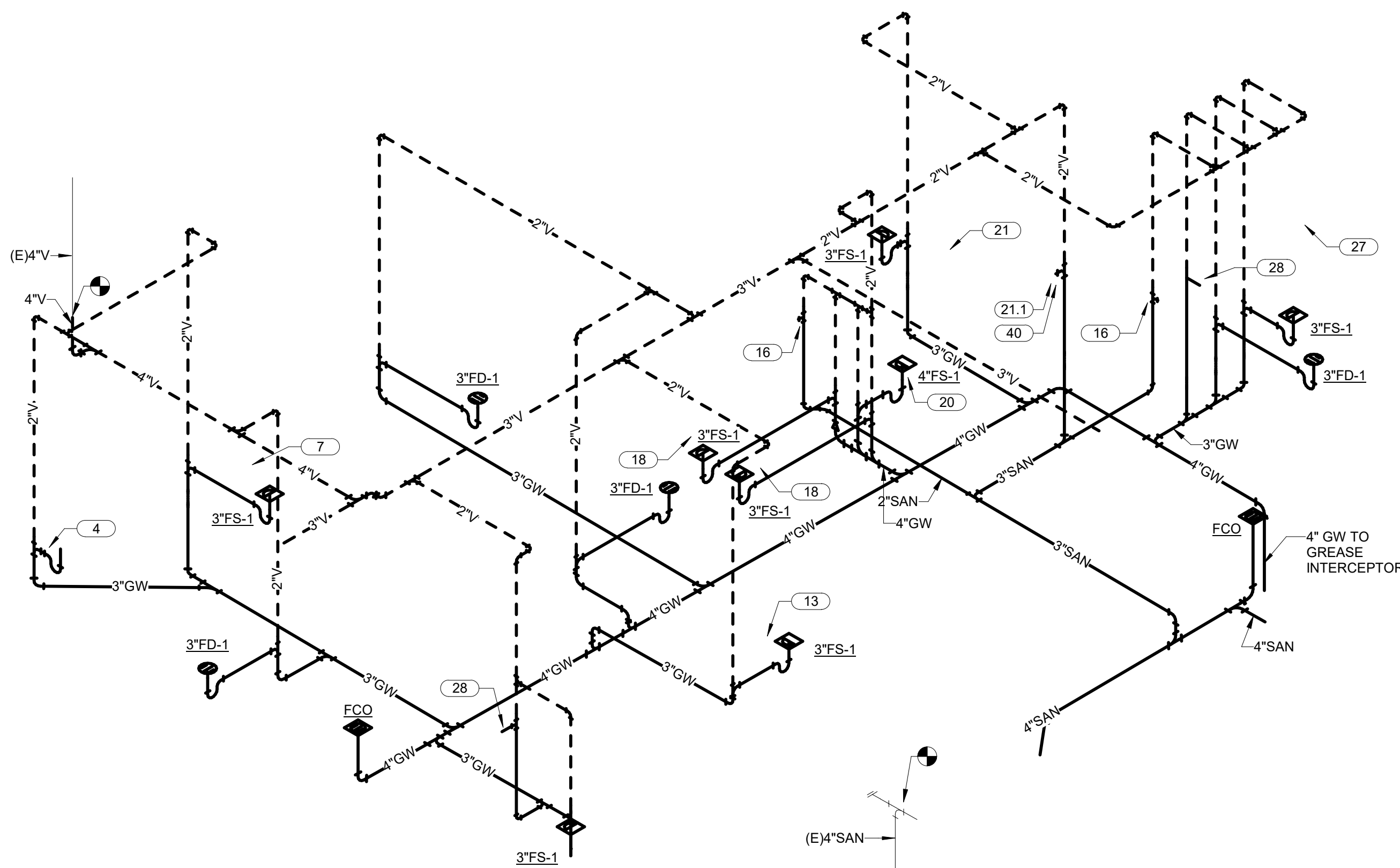
1 PLUMBING WATER ISOMETRIC - KITCHEN
SCALE:



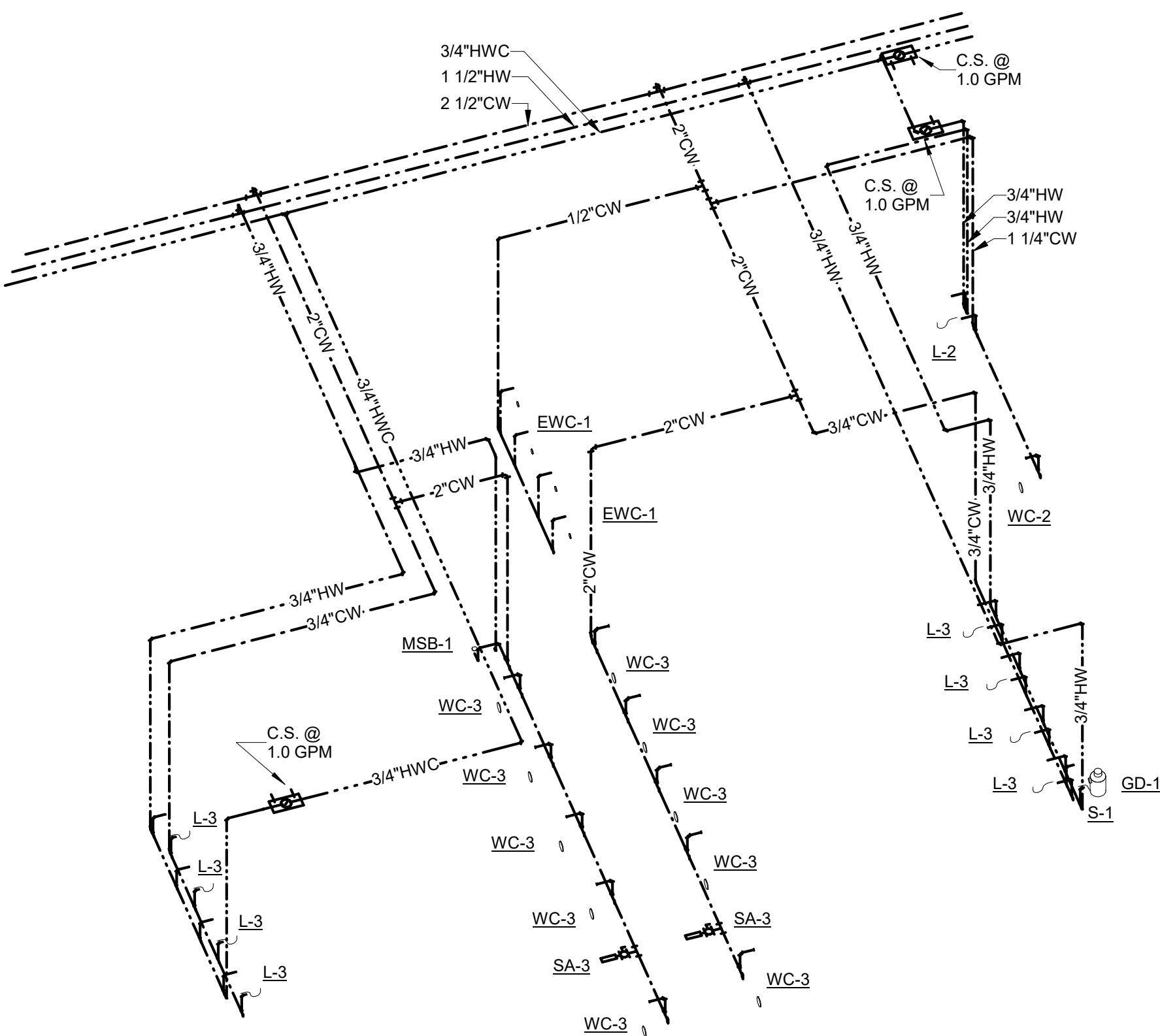
7 PLUMBING WATER ISOMETRIC - RR K.118 & K.119
SCALE:



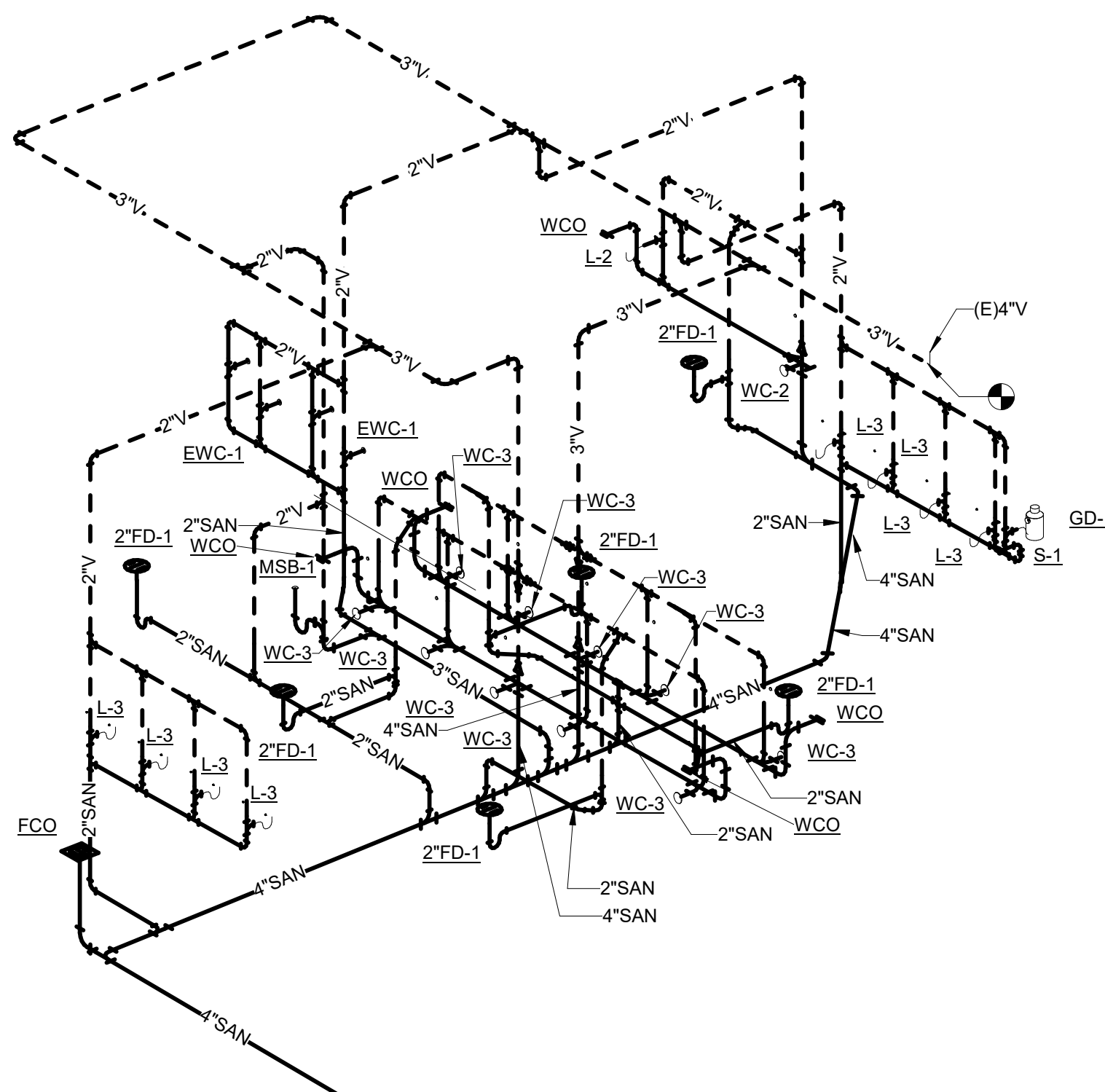
6 PLUMBING SANITARY ISOMETRIC - RR K.118 & K.119
SCALE:



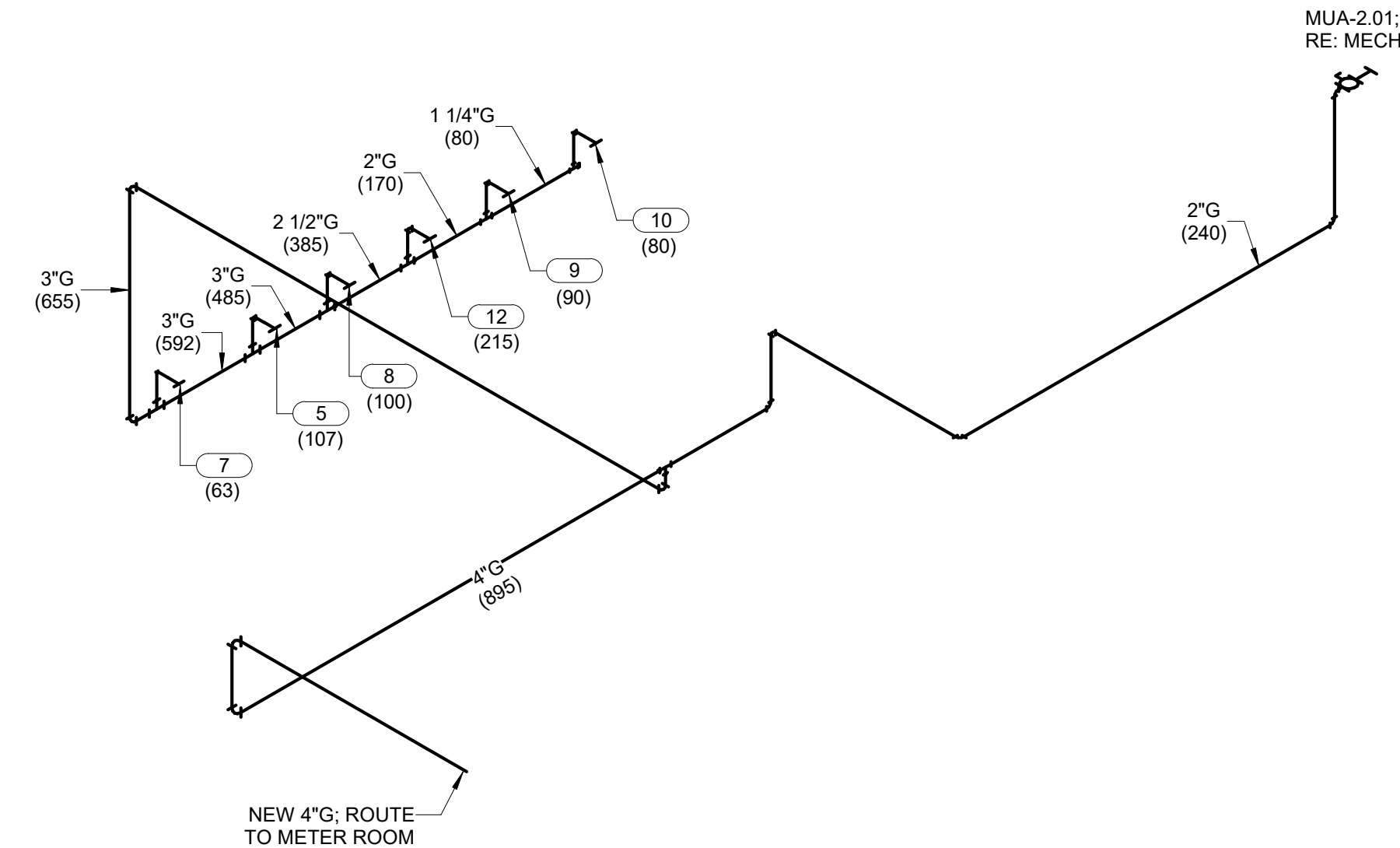
2 PLUMBING SANITARY ISOMETRIC - KITCHEN
SCALE:



9 PLUMBING WATER ISOMETRIC - BOYS K.124 & GIRLS K.125
SCALE:



8 PLUMBING SANITARY ISOMETRIC - BOYS K.124 & GIRLS K.125
SCALE:



3 PLUMBING GAS ISOMETRIC - KITCHEN
SCALE:

[SET PROJECT ADDRESS PARAMETER & ENERGY SETTINGS IF APPLICABLE]

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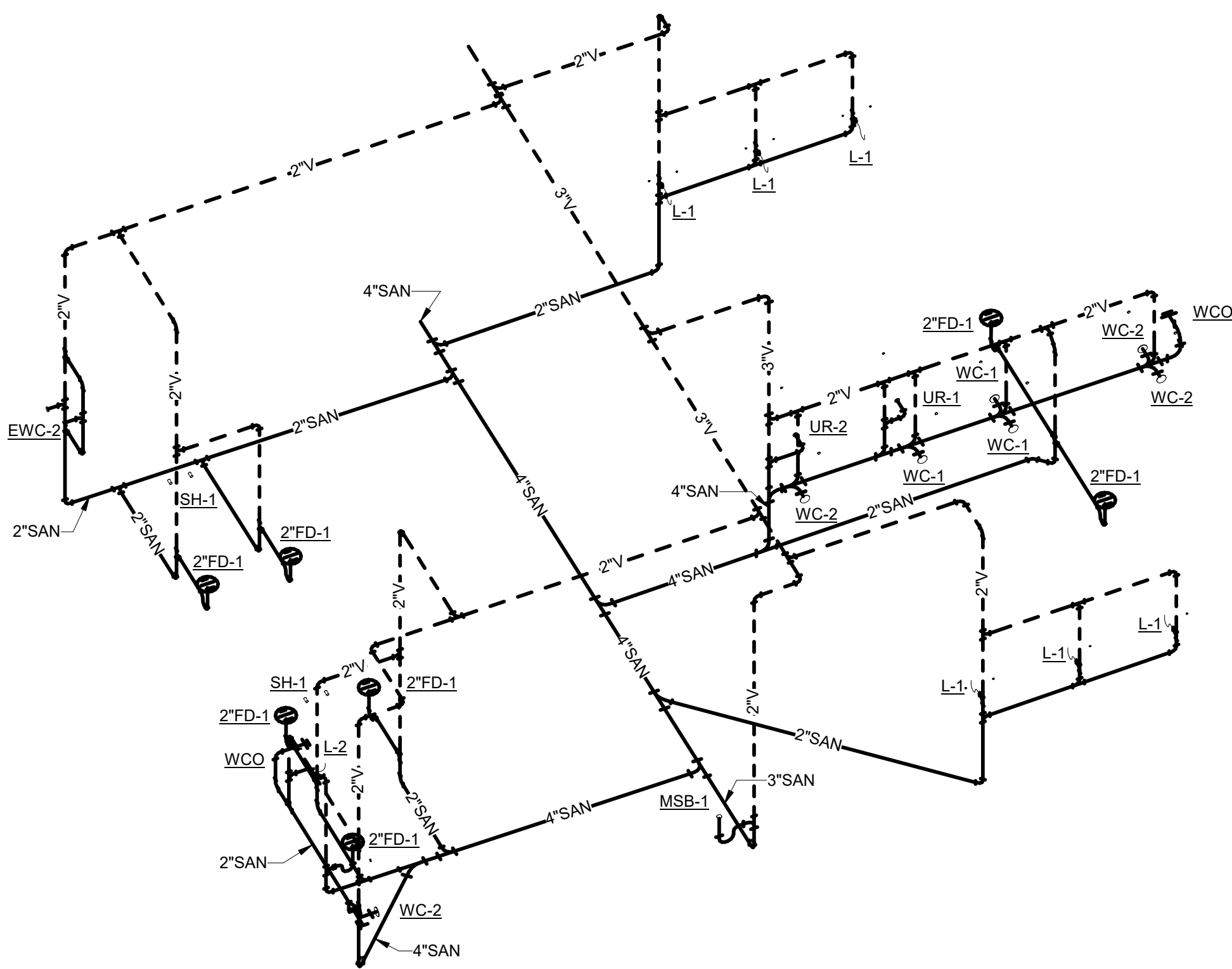
Tel 303.595.8586
Fax 303.625.6823

me
engineers

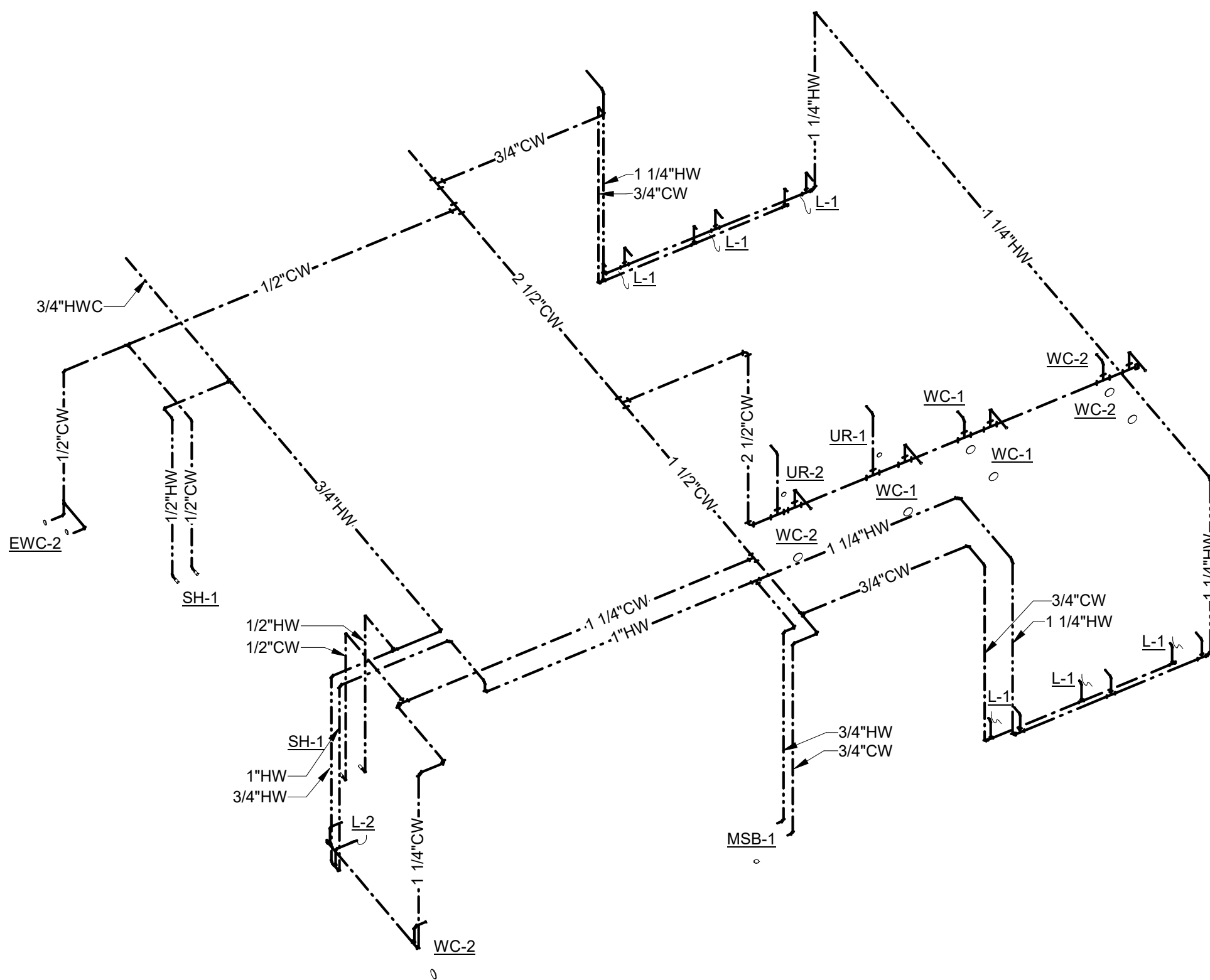
14143 Denver West Pkwy
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United States
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Lakewood, CO 80215
United States
Tel 303.431.6100



1 PLUMBING SANITARY ISOMETRIC - WOMENS K.169 & MENS K.170
SCALE:



2 PLUMBING WATER ISOMETRIC - WOMENS K.169 & MENS K.170
SCALE:

△	Date	Description
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Project Name

Steamboat Base Village
Redevelopment

Project Number

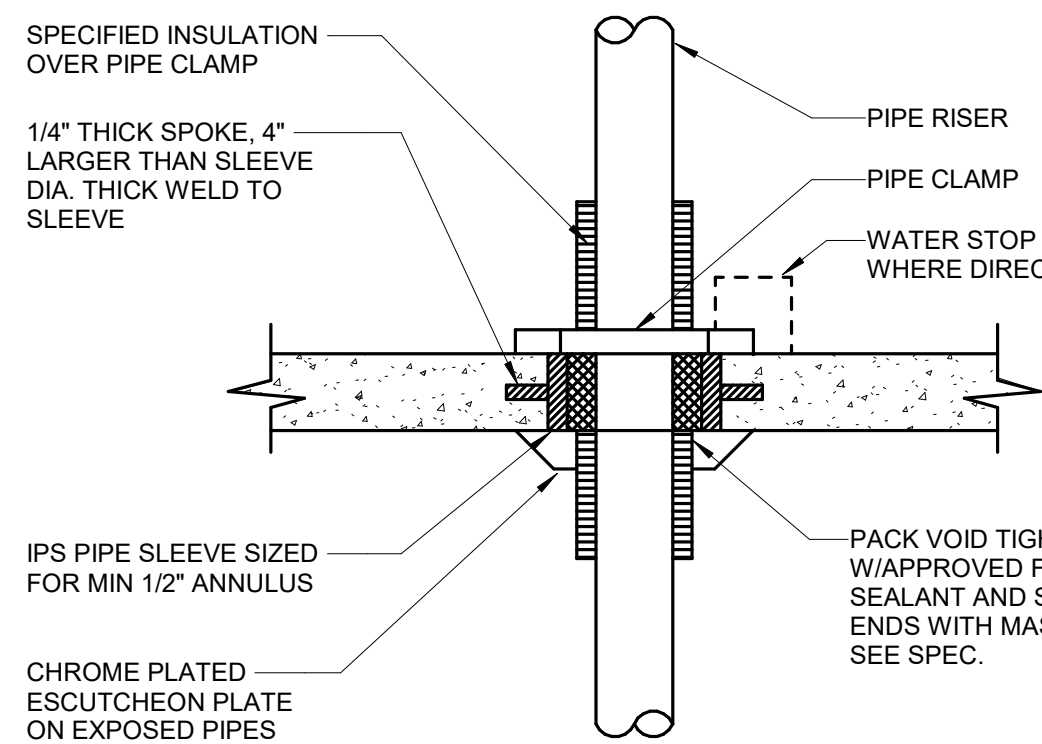
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Description

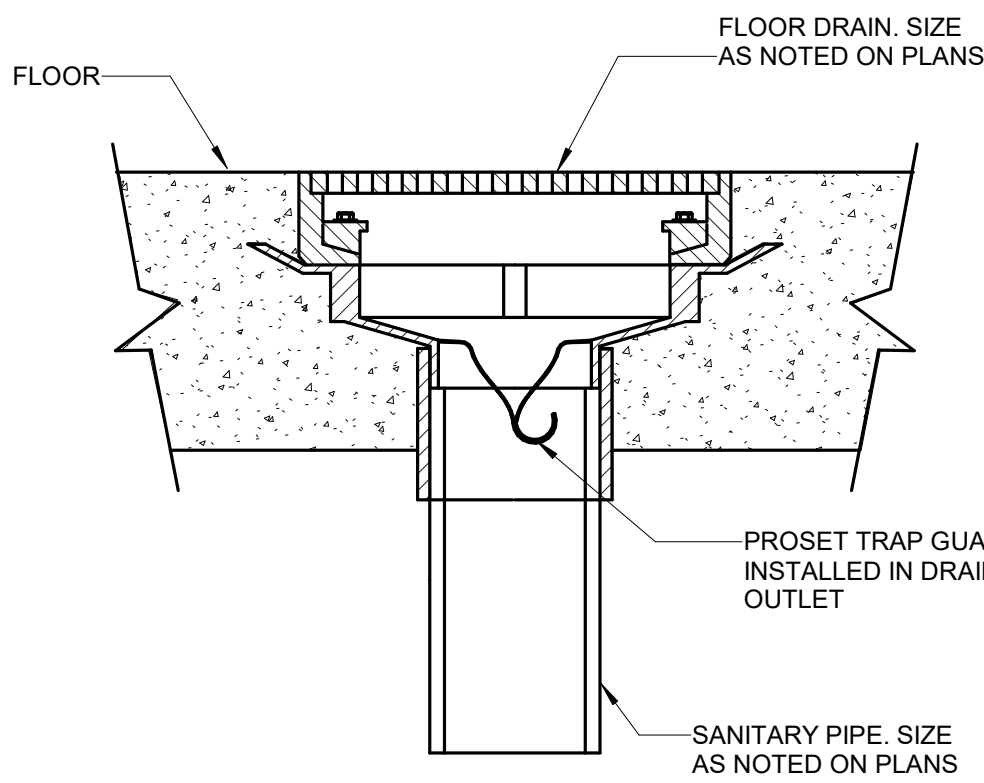
PLUMBING ISOMETRICS

Scale

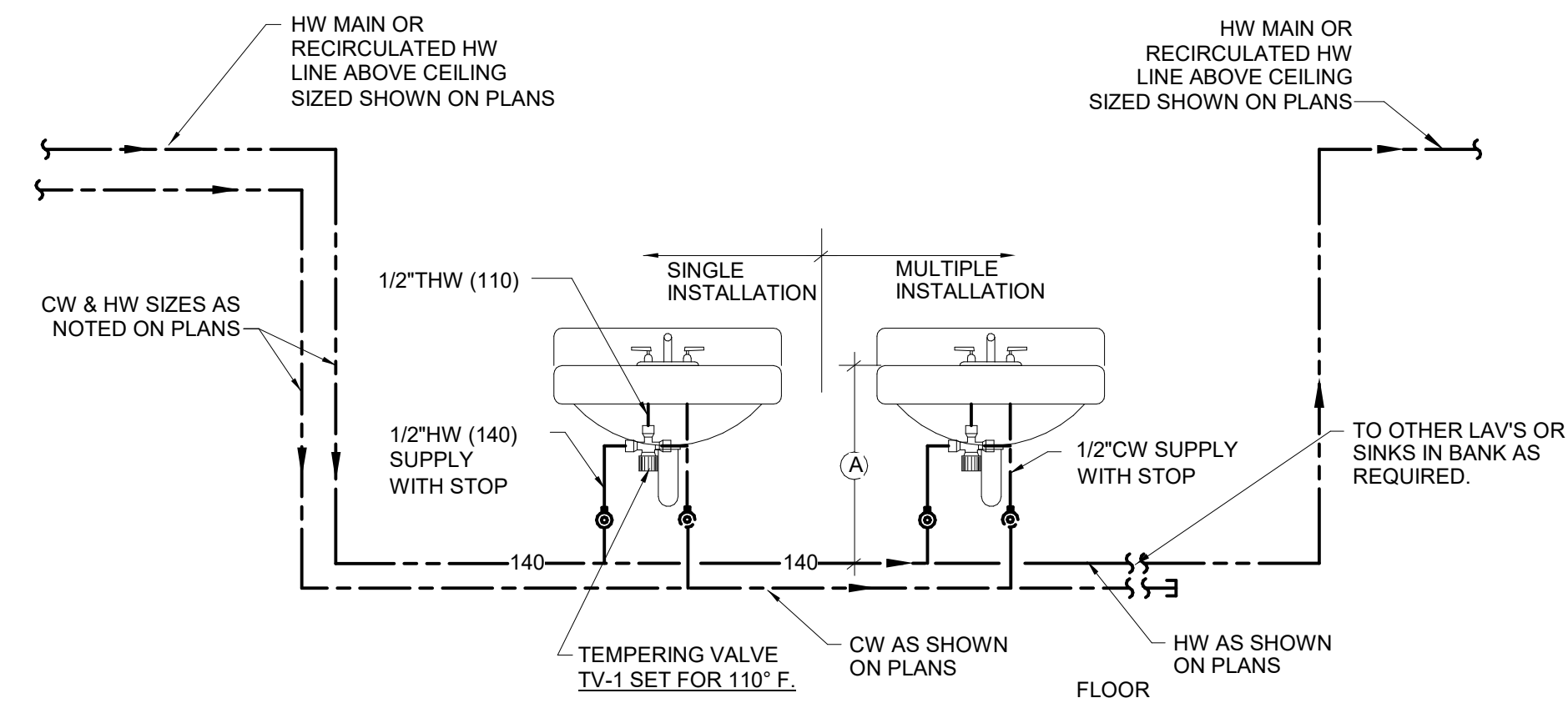
1C-P6.001



8 PIPE THRU FLOOR SLAB DETAIL
NO SCALE

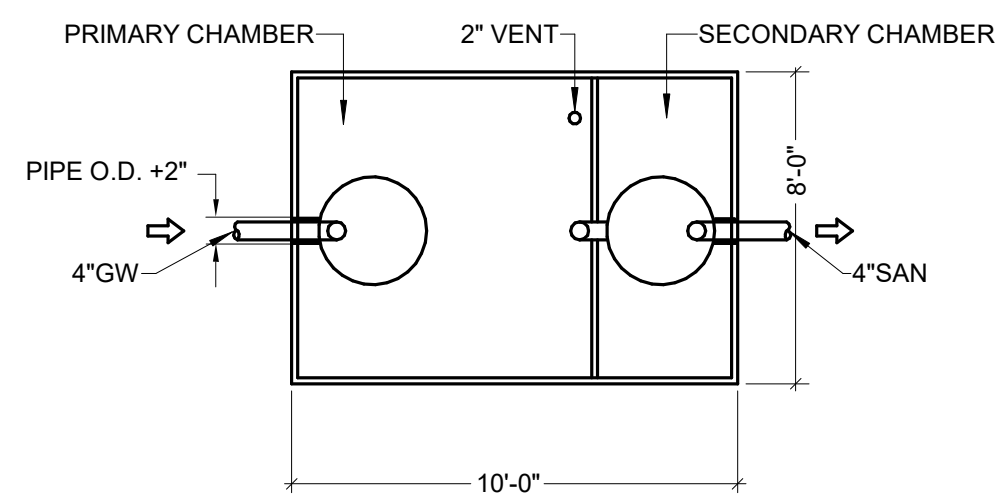


4 TRAP GUARD DETAIL
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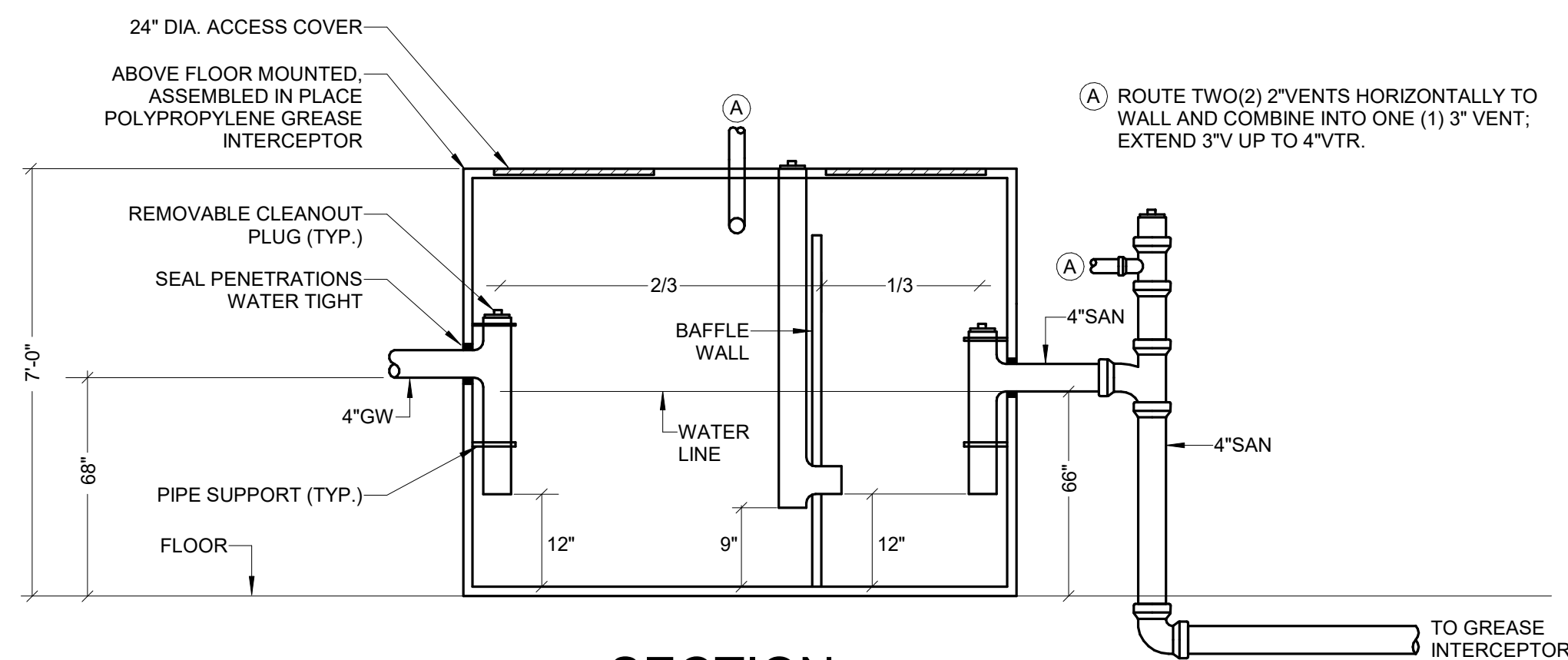


- NOTES:
1. ALL WATER PIPING BEFORE STOPS SHALL BE INSTALLED IN CHASE BEHIND FIXTURES.
 2. DETAIL APPLIES TO SINGLE APPLICATION ALSO. DELETE ALL FIXTURES AFTER FIRST LAV OR SINK SHOWN.
 3. DISTANCE "A" FROM HOT WATER MAIN TO HOT WATER SIDE OF FAUCET TO BE NO MORE THAN 2 FEET.
 4. P-TRAP AND HW SUPPLY LINES TO BE INSULATED ON ALL ADA LAVS.

1 MANUAL PUBLIC LAV TEMPERING VALVE DETAIL
NO SCALE

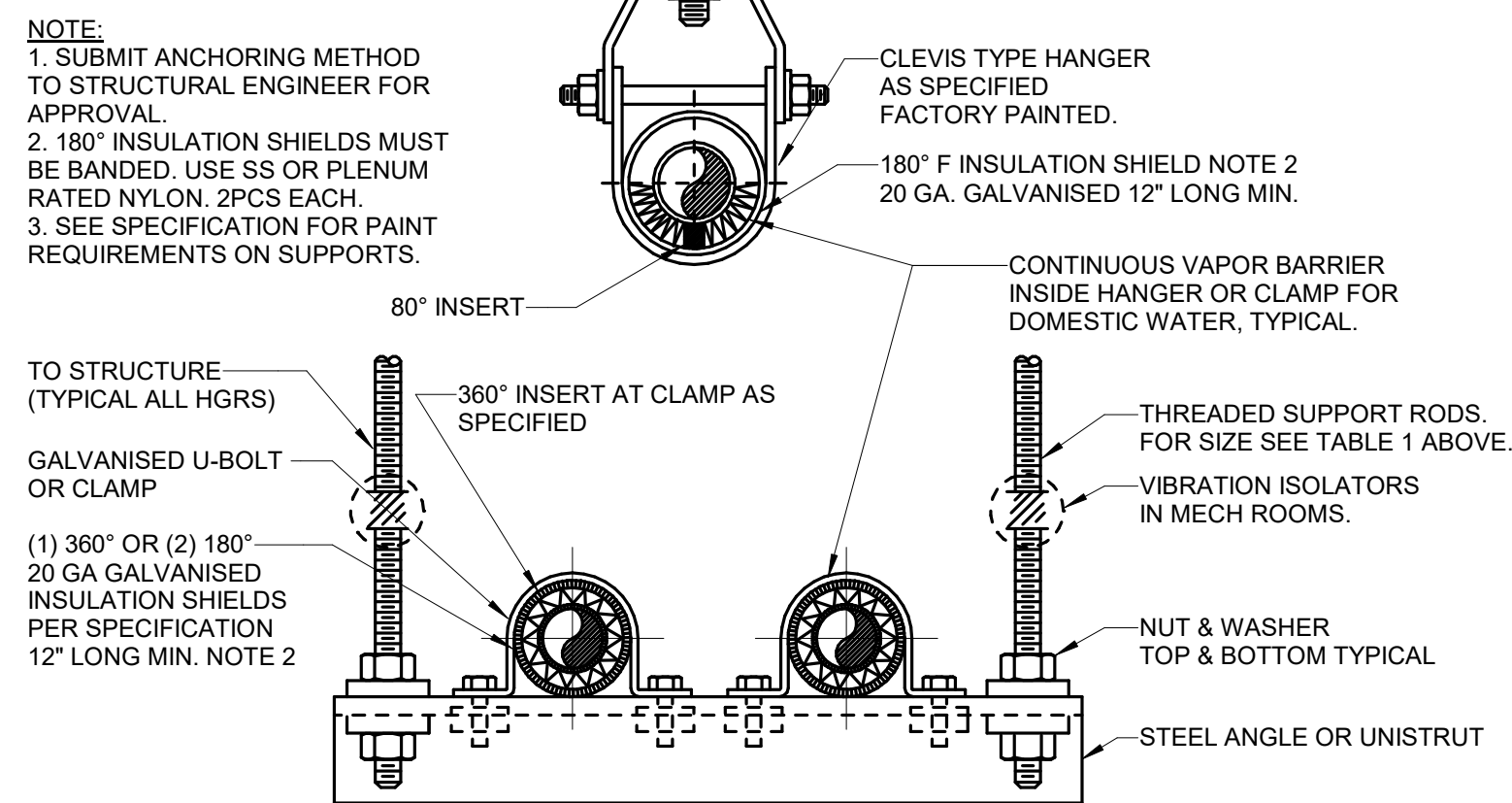


PLAN

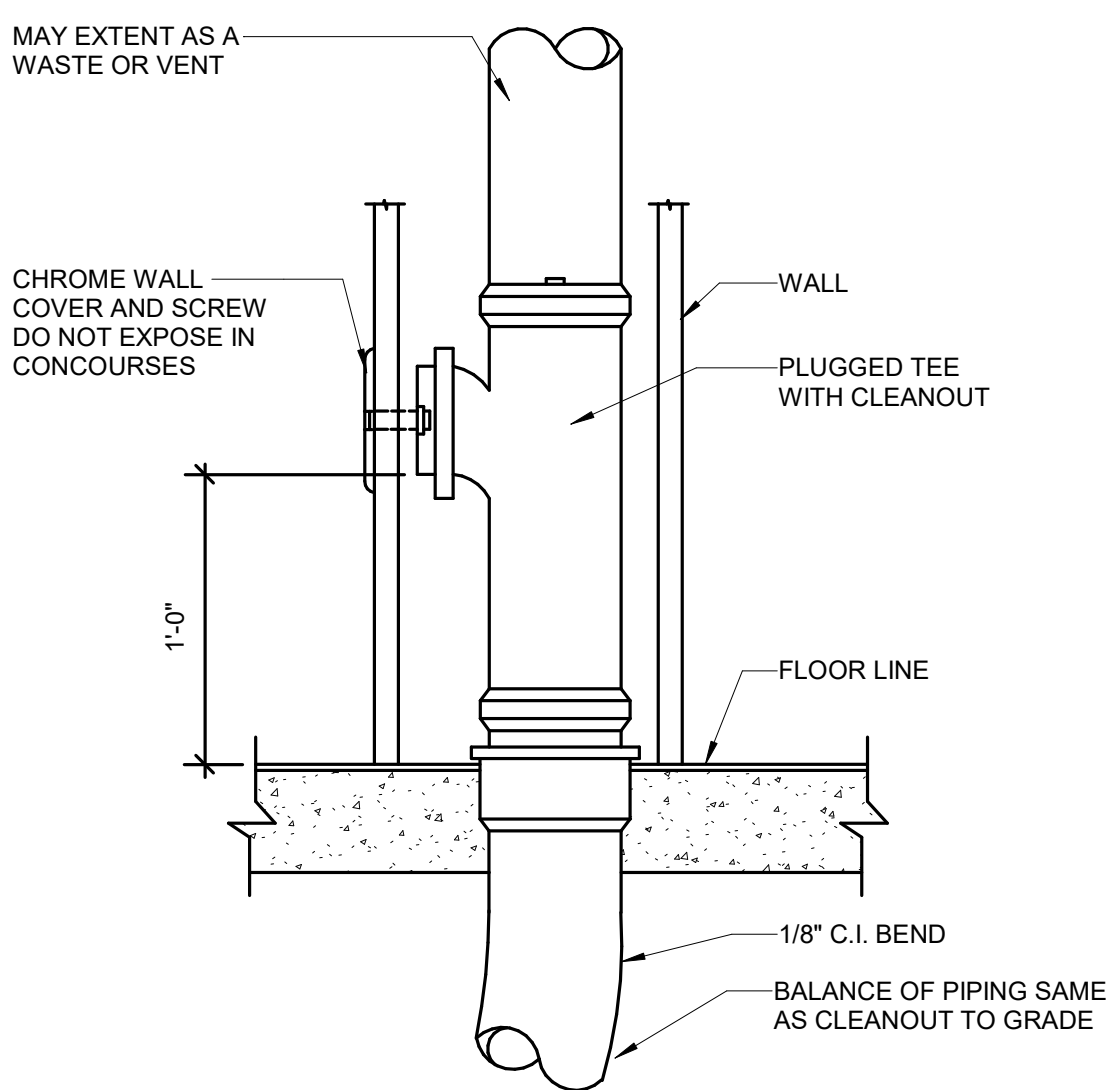


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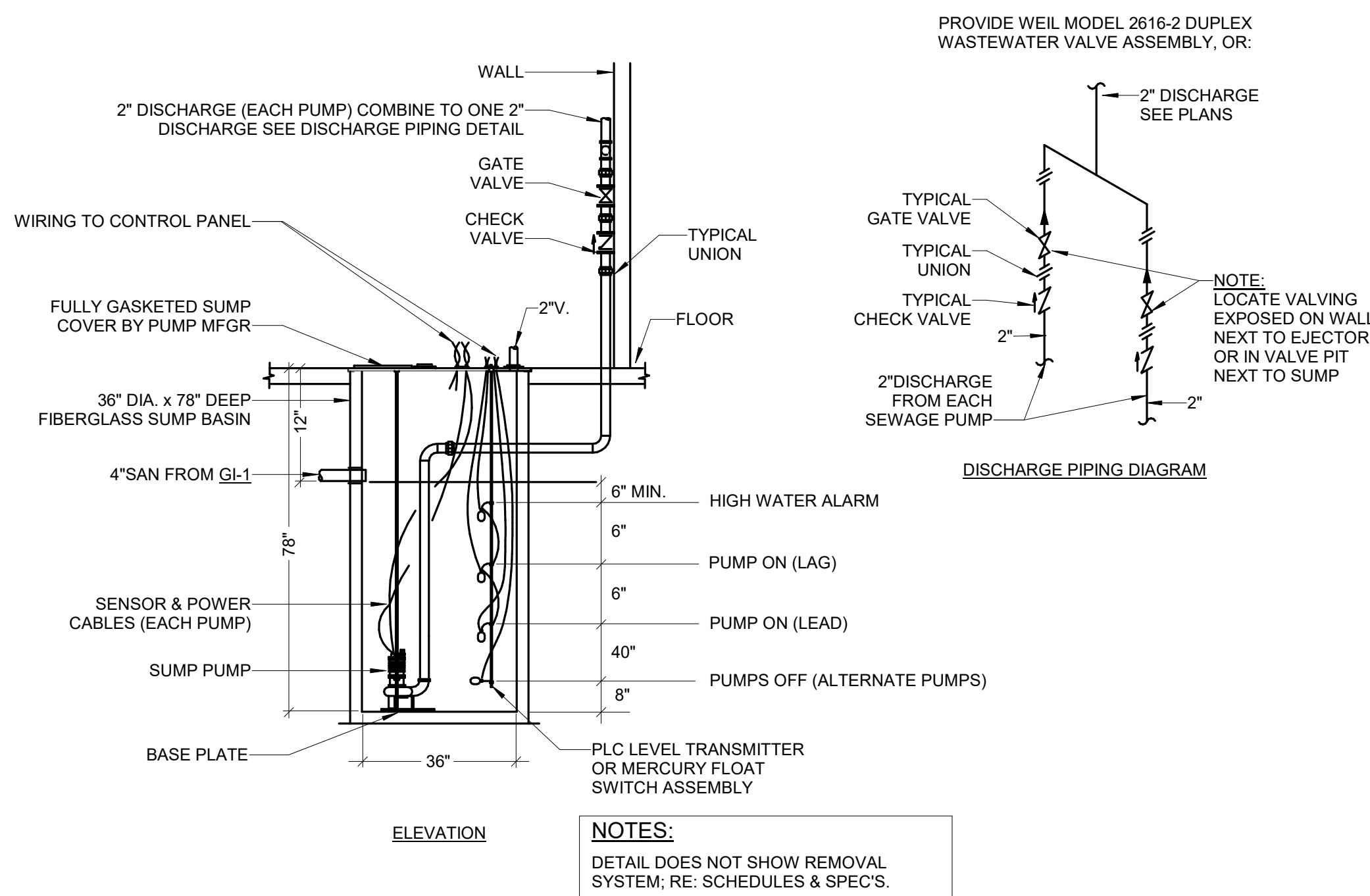
9 TWO COMPARTMENT GREASE INTERCEPTOR DETAIL
NO SCALE



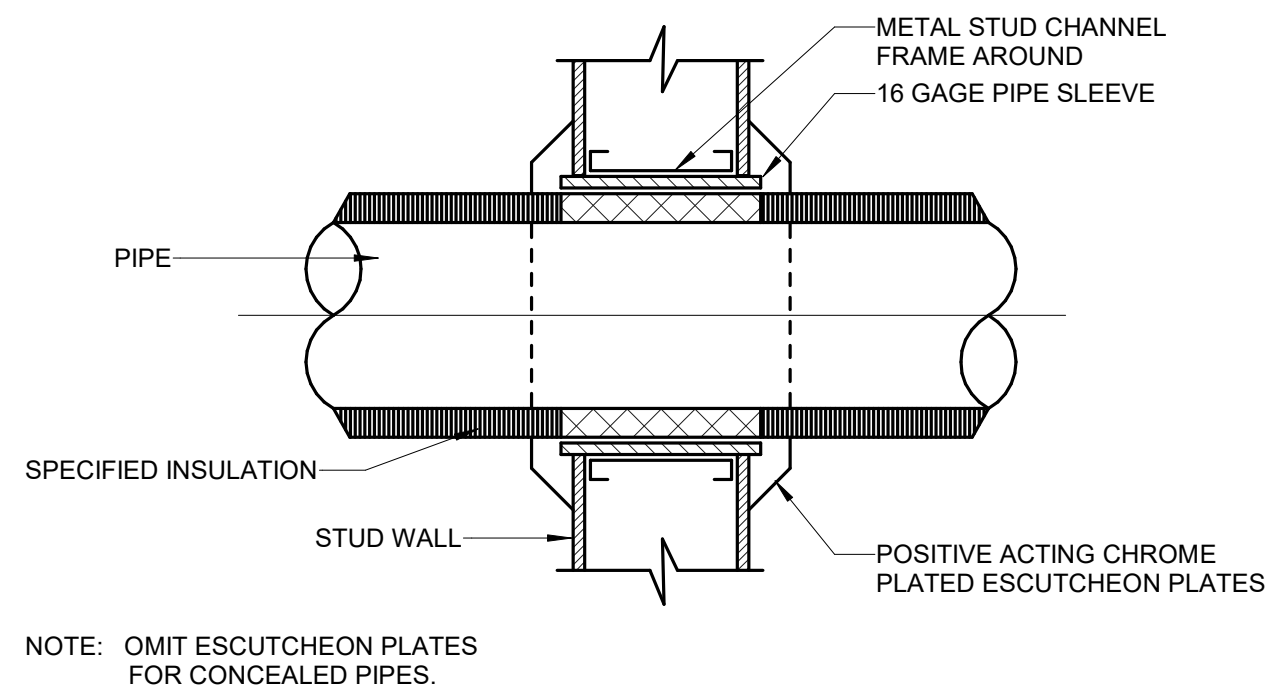
5 DOMESTIC PIPING HANGER DETAIL
NO SCALE



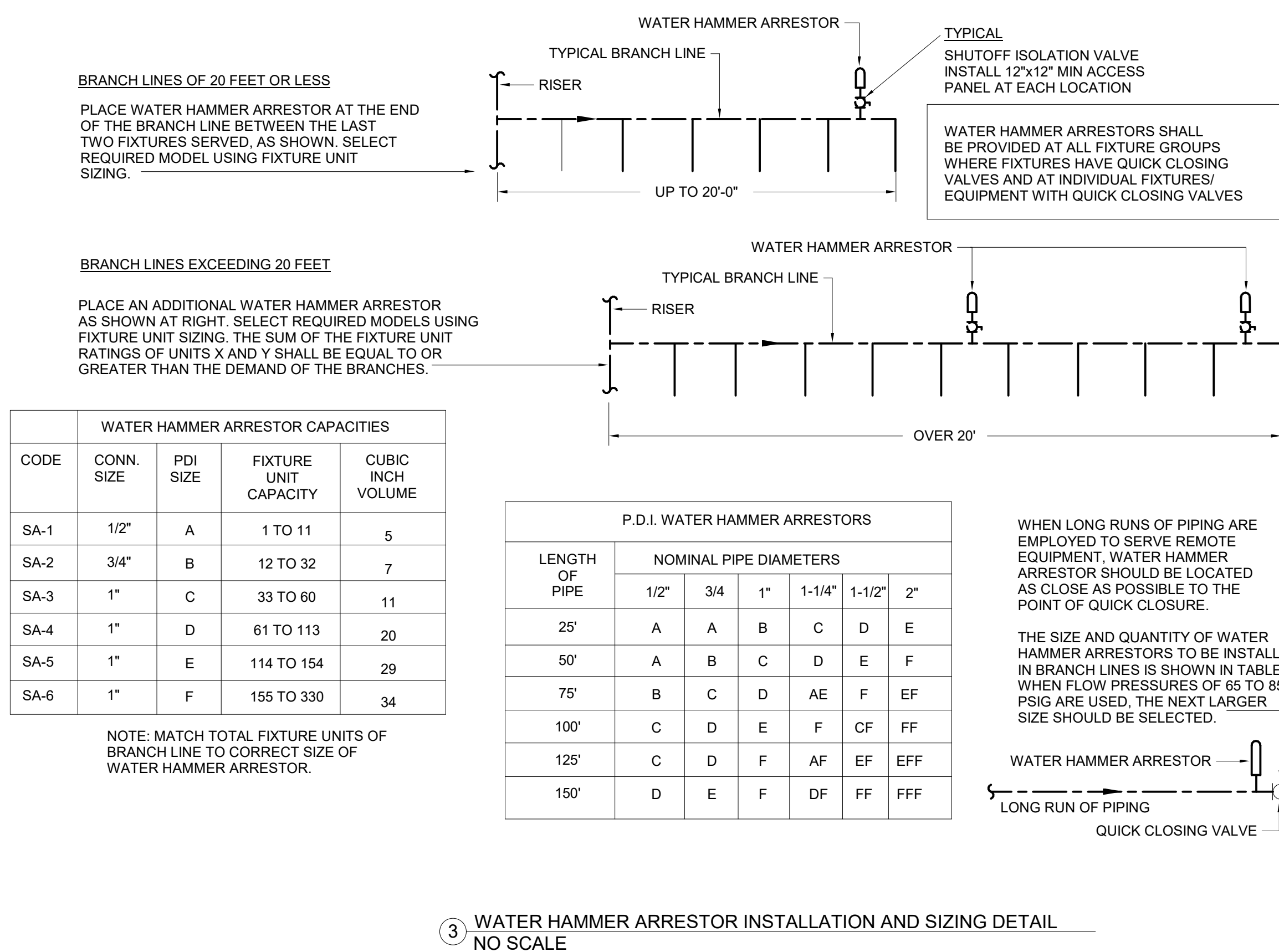
6 WALL CLEANOUT DETAIL
NO SCALE



10 DUPLIX SUMP PUMP/SEWAGE EJECTOR DETAIL
NO SCALE



7 PIPE THRU STUD WALL DETAIL
NO SCALE



LENGTH OF PIPE	NOMINAL PIPE DIAMETERS						
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
25'	A	A	B	C	D	E	
50'	A	B	C	D	E	F	
75'	B	C	D	AE	F	EF	
100'	C	D	E	F	CF	FF	
125'	C	D	F	AF	EF	EFF	
150'	D	E	F	DF	FF	FFF	