





NORTH

A simple compass rose with four lines representing the cardinal directions. The top line is labeled 'NORTH', the bottom line is labeled 'SOUTH', the left line is labeled 'WEST', and the right line is labeled 'EAST'. The lines are drawn at 90-degree angles from each other.

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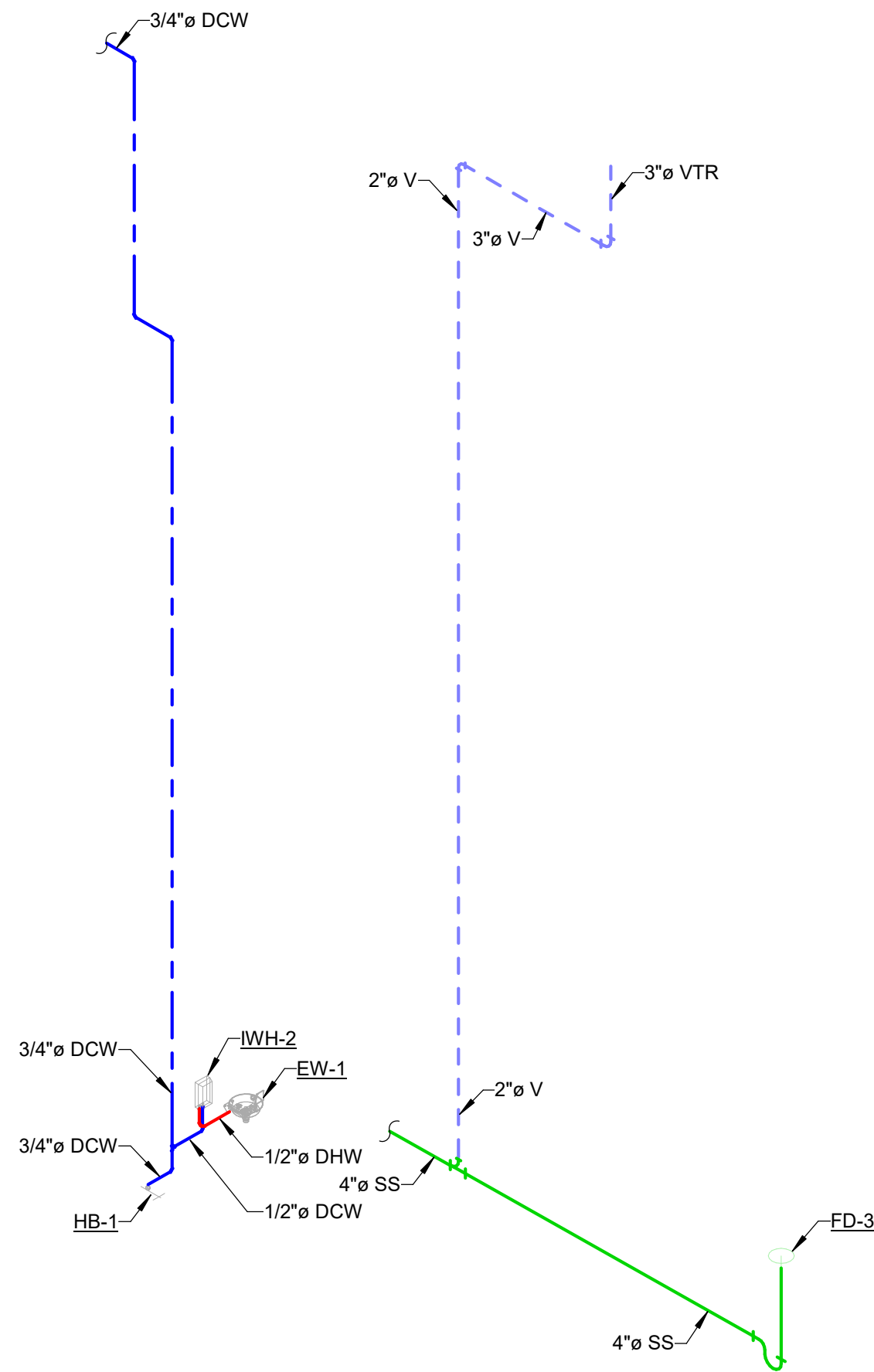
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1 PLUMBING ISOMETRIC - MECHANICAL ROOM



PLUMBING FIXTURE SCHEDULE

TYPE MARK	DESCRIPTION	SOIL/WASTE	VENT	CW	HW	FLOW RATE (GPM / GPF)	TYPE COMMENTS	MANUFACTURER	MODEL	TRIM	MODEL	NOTES
EW-1	EMERGENCY EYEWASH	1-1/2"	1-1/2"	1/2"	1/2"	-	WALL-MOUNTED, HANDS-FREE WITH TMV	GUARDIAN	G1814	GUARDIAN	G3600LF	-
FCO-1	FLOOR CLEANOUT	4"	-	-	-	-	EXTRA HEAVY DUTY COVER	ZURN	Z1400	-	-	-
FD-3	FLOOR DRAIN	4"	2"	-	-	-	MECHANICAL ROOM; ADJUSTABLE HEAVY DUTY	ZURN	Z1732	-	-	1
HB-1	HOSE BIBB	-	-	3/4"	-	-	ANTI-SIPHON; NON-FREEZING AREA	WOODFORD	24	-	-	-
RH-1	ROOF HYDRANT	-	-	3/4"	-	-	NON-FREEZE; NON-DRAIN; WITH 50H BACKFLOW	WOODFORD	SRH-MS	-	-	-

NOTES:
1. PROVIDE WITH TRAP SEAL GUARD CONFORMING TO ASSE 1072.

INSTANTANEOUS ELECTRIC WATER HEATER SCHEDULE

EQUIP. TAG	MANUFACTURER	MODEL	WATER TEMPERATURE (°F)	KW INPUT	ELECTRICAL DATA			DISCONNECT		NOTES
					FLA	VOLTAGE	PHASE	FURNISHED BY	INSTALLED BY	
IWH-2	EEMAX	SPEX1812EE	80	1.8	15	120	1	EC	EC	1.2
NOTES: 1. WATER HEATER MUST COMPLY WITH ASHRAE 90.1 REQUIREMENTS AND MEET SCHEDULED PERFORMANCE. 2. PROVIDE WITH 1.6GPM FLOW REGULATOR.										
* IF EQUIPMENT WITH VOLTAGE OTHER THAN THAT SCHEDULED IS SUBMITTED, THEN CAPACITY WILL NEED TO BE DERATED TO ACHIEVE THE REQUIRED CAPACITY PER THE SCHEDULE.										

PLUMBING PIPE AND INSULATION SCHEDULE

		PIPE MATERIALS				JOINING METHOD	INSULATION			BARRIER	NOTES
	LOCATION	TEMP. RANGE (°F)	SIZE (IN.)	TYPE / SCHED.	MATERIAL		THICKNESS	TYPE	JACKET		
SERVICE PIPING											
DOMESTIC COLD WATER	ABOVE FLOOR	≤ 60°F	ALL	"L"	CU	SW/BR/PR	1"	UC OR FG	-/ASJ	Y	1
DOMESTIC COLD WATER	ABOVE FLOOR	≤ 60°F	ALL	40	CPVC	SOL	1"	UC OR FG	-/ASJ	Y	1
DOMESTIC HOT WATER SUPPLY	ABOVE FLOOR	110°F-140°F	< 1.5"	"L"	CU	SW/BR/PR	1"	FG	ASJ	N	-
DOMESTIC HOT WATER SUPPLY	ABOVE FLOOR	110°F-140°F	< 1.5"	40	CPVC	SOL	1"	FG	ASJ	N	-
SANITARY SEWER	ABOVE FLOOR - IN NON-RETURN AIR PLENUM	65°F-75°F	ALL	40	PVC DWV	SOL	-	-	-	-	-
SANITARY SEWER	BELOW GRADE	65°F-75°F	ALL	40	PVC DWV	SOL	-	-	-	-	-
SANITARY VENT	ABOVE FLOOR - IN NON-RETURN AIR PLENUM	65°F-75°F	ALL	40	PVC DWV	SOL	-	-	-	-	-
SANITARY VENT	BELOW GRADE	65°F-75°F	ALL	40	PVC DWV	SOL	-	-	-	-	-

NOTES:
1. FLEXIBLE ELASTOMERIC UNICELLULAR INSULATION DOES NOT REQUIRE JACKET. FIBERGLASS PIPE INSULATION DOES REQUIRE JACKET.

GENERAL NOTES:

- A. ALL COLD WATER PIPING SYSTEMS AND COMPONENTS OPERATING AT 60°F OR BELOW SHALL BE INSULATED WITH A VAPOR BARRIER.
- B. INSULATE ALL PIPING CONTAINING FLUIDS WARMER THAN 105°F OR COOLER THAN 60°F WITH INSULATION OF R-3 MIN. VALUE.
- C. PROVIDE IDENTIFICATION LABELS ON ALL ABOVE FLOOR INDOOR PIPING.
- D. FOAM CORE PVC IS NOT ACCEPTABLE.

PIPE SCHEDULE LEGEND:

ASJ	ALL SERVICE JACKET	FG	FIBERGLASS	PR	PRESS (COMPRESSION)
BR	BRAZED	FLG	FLANGED	PVC	POLYVINYL CHLORIDE
CPVC	CHLORINATED PVC	FPE	FLEXIBLE POLYETHYLENE	PW	PLENUM RATED INSULATION WRAP
CRMP	CRIMPED	FW	FUSION WELDED	SCR	SCREWED
CS	CARBON STEEL	GRV	RIGID, GROOVED	SERV	SOLVENT WELD
CG	CELLULAR GLASS	GS	GALVANIZED STEEL	SW	SERVICE WEIGHT
CI	CAST IRON	HT	HIGH TEMPERATURE	THR	SWEAT
CU	COPPER	HS	HUB & SPIGOT (COMPRESSION GASKET)	T/S	THREADED FITTING
CSST	CORRUGATED STAINLESS STEEL	MECH	MECHANICAL	UC	TYPE OR SCHEDULE
DI	DUCTILE IRON	MG	COPPER MEDICAL GAS TUBING	WLD	FLEXIBLE ELASTOMERIC UNICELLULAR
DW	DRAIN WASTE VENT	NH	NO-HUB W/ HEAVY DUTY COUPLINGS	Y	WELDED
EXP	PROPEX PANSION	PEX	CROSS LINKED POLYETHYLENE TUBING	Y	YES
FE	FLEXIBLE ELASTOMERIC (NITRILE)	POLY	POLYISOCYANURATE INSULATION	N	NO
FF	FOIL FACED JACKET	PP	POLYPROPYLENE		

PROJECT TITLE

AXIUM BTS EXPANSION - ST. PETERS

4001 PREMIER PARKWAY
ST. PETERS, MISSOURI 63301

~~A PROJECT FOR
PEAK CONSTRUCTION~~

GENERAL NOTES

CONSULTANT

[illegible]

PROJECT NO:	267020
DRAWN BY:	BTF
CHECKED BY:	MBS

SHEET NAME

PLUMBING SCHEDULES

SEAL	SHEET NUMBER
	P601
04/17/26 LICENSE EXPIRES 12/31/2026	