

PLUMBING NOTES

- REFER TO THE ARCHITECTURAL DETAILED DRAWINGS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT
- CONTRACTOR SHALL INSTALL TRAP PRIMER VALVES TO ACCOMMODATE THE FLOOR DRAIN LOCATED WITHIN BUILDING. CONTRACTOR SHALL COORDINATE WITH FLOOR PLANS EXACT LOCATION OF THE TRAP PRIMER VALVE.
- PRIOR TO START OF INSTALLATION OF BELOW SLAB PIPING, PLUMBING SUBCONTRACTOR SHALL COORDINATE LOCATIONS OF PIPING WITH STRUCTURAL FOOTINGS, GRADE BEAMS, ETC. WITH STRUCTURAL ENGINEER.
- PRIOR TO INSTALLATION OF UNDERSLAB PIPING AT GROUND FLOOR, PLUMBING SUBCONTRACTOR SHALL COORDINATE ALL EXISTING INVERT ELEVATIONS WITH SITE CONTRACTOR.
- PRIOR TO INSTALLATION OF ANY SURFACE MOUNTED OR RECESSED PLUMBING COMPONENTS (I.E. WALL HYDRANTS, PIPING PENETRATIONS, ETC.) ON EXTERIOR OF BUILDING, PLUMBING SUBCONTRACTOR SHALL COORDINATE THEIR EXACT LOCATION WITH ARCHITECT AND GENERAL CONTRACTOR.
- ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH INSTALLATION.
- NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ARCHITECT.
- NO PIPING SHALL RUN EXPOSED IN SALES OR FINISHED AREAS.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
- INSTALL BALL VALVES ON ALL BRANCH SUPPLY LINES.
- PROVIDE ACCESS PANELS ON ALL INACCESSIBLE VALVES AND CLEANOUTS. ACCESS PANELS SHALL BE PROVIDED BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION. MOUNT SHUT-OFF VALVES NO HIGHER THAN 12'-0" AFF.
- ALL WORK SHALL BE PROPERLY TESTED, BALANCED AND CLEANED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
- ALL FIXTURES TO BE SUPPLIED & INSTALLED BY PLUMBING CONTRACTOR, EXCEPT THE PHARMACY SINK AND/OR PHOTO-LAB SINK: CVS SUPPLIES & PLUMBING CONTRACTOR INSTALLS.
- SANITARY SEWER PIPING SHOWN IS BASED ON 0.125" PER FOOT FALL FOR ALL PIPING. COORDINATE BUILDING SEWER LOCATION AND INVERT ELEVATION WITH CIVIL DRAWINGS.

PLUMBING FIXTURE SCHEDULE

ITEM	MANUFACTURER	REMARKS AND SPECIFICATIONS
P-1	TOTO	WATER CLOSET: #G1705EL: 18" HIGH ELONGATED RIM VITREOUS CHINA TOILET, COMPLETE WITH ZURN Z6200PEV FLUSH VALVE, BOWL: 1.28 GPF/4.8 LPF, COMMERCIAL STANDARD PLASTIC OPEN FRONT TOILET SEAT: TOT - SC534
P-2	ZURN	LAVATORY: Z5354: VITREOUS CHINA WALL-HUNG LAVATORY, PROVIDED WITH WALL HANGER, FAUCET HOLES ON 4" CENTERS, BACK OVERFLOW; FAUCET: DELTA #520 WATER-EFFICIENT FAUCET WITH RP330 POLISHED CHROME AERATOR; LESS POP-UP DRAIN AND LIFT HOLE IN POLISHED CHROME. 1-1/4" TAILPIECE. PROVIDE 3/8" WALL SUPPLIES WITH STOP AND 1-1/4" OFFSET DRAIN, CAST BRASS GRID STRAINER. (FURNISH AND INSTALL "LAVGUARD" #102 TRAP WRAP BY TRUEBRO FOR PF-2H) TRUEBRO TEL: (800) 340-5969
P-3	HALSEY TAYLOR	ELECTRIC WATER COOLER: #HAC8FSBL-Q WALL-HUNG, BARRIER-FREE WITH FRONT PUSH BARS, CANE TOUCH APRON, TWO STREAM MOUNT BUILDING PROJECTOR AND AUTOMATIC STREAM REGULATION, MOUNT HANDICAP (REFRIGERATED) UNIT ON RIGHT WALL BRACKET, 36" RECOMMENDED HEIGHT FROM FLOOR TO CENTER OF BUBBLER (CHECK LOCAL CODES). PROVIDE 3/8" ANGLE SUPPLY WITH STOP AND 1-1/4" CAST BRASS "P" TRAP. HALSEY TAYLOR TEL: (630) 574-3500
P-4	SINK & FAUCET FURNISHED BY MILLWORK SUPPLIER, INSTALLED BY PLUMBER	PHARMACY SINK & FAUCETS: 16"x18"x10" STAINLESS STEEL SINK; FAUCET: 1-1/2" CAST BRASS "P" TRAP; PROVIDE 3/8" ANGLE SUPPLIES WITH STOP. PLUMBER SHALL PROVIDE ALL NECESSARY APPURTENANCES TO HAVE A FULLY OPERATIONAL SYSTEM.
P-5	MUSTEE 14 UTILATUB	CATALOG #14, UTILITY LAUNDRY TUB W/ TRAY#14; 20 GAL. CAPACITY, 25"Lx23"W, ONE PIECE MOLDED CONSTRUCTION, SUPPORT WITH LEGS AT 30" AFF. TO LIP OF SINK, FAUCET: #93600 FAUCET; POLISHED CHROME FINISH, BRASS WATERWAYS, 4" CENTER, 6" HIGH RISE TUBULAR SWING SPOUT WITH AERATOR, LEVER HANDLES. 2" CAST BRASS "P" TRAP; PROVIDE 3/8" ANGLE SUPPLIES WITH STOP. MUSTEE TEL: (216) 267-3100
P-6	ELKAY DAYTON	BREAKROOM SINK: MODEL # DP2-11515-C, STAINLESS STEEL SINK, 15"x15", 5-1/8" DEEP, 14-3/8"x14-3/8" CUTOUT WITH 1-1/2" RAD. CORNERS, 1-1/4" DIA. FAUCET HOLES. FAUCET: ELKAY-#LKA-2475-BBH-GOOSE NECK BAR FAUCET WITH LEVER HANDLES AND AERATOR, OVERALL HEIGHT 8". (FURNISH AND INSTALL "BROCAR" #C500R-B TRAP WRAP FOR PFB) BROCAR TEL: (800) 827-1207.
P-7	SINK & FAUCET FURNISHED BY MILLWORK SUPPLIER, INSTALLED BY PLUMBER	PHOTO-LAB SINK: FIAT MODEL DL-1, DROP-IN SINK WITH ACCESSORY BRASS FAUCET #A1 AND ACCESSORY COVER #A6. PROVIDE POLYPROPYLENE TRAP AND TAIL PIECE. PLUMBER SHALL PROVIDE ALL NECESSARY APPURTENANCES TO HAVE A FULLY OPERATIONAL SYSTEM.
EW-1	EYEWASH FURNISHED BY MILLWORK SUPPLIER, INSTALLED BY PLUMBER	EYEWASH: GUARDIAN EQUIPMENT #G1805, DECK MOUNTED AUTO FLOW, SWIVEL, RIGHT HAND MOUNTING AT PHOTO HAND SINK (P-7). PROVIDE TEMPERING VALVE #G3600. ALL EYEWASH EQUIPMENT AND TEMPERING VALVE SHALL MEET LOCAL STATE PLUMBING CODE REQUIREMENTS.
RD	J. R. SMITH	ROOF DRAIN: #1010C, PIPE CONNECTIONS AND LARGE GENERAL PURPOSE ROOF DRAIN WITH 16" DIA. COATED CAST IRON BODY WITH COMBINED FLASHING CLAMP AND GRAVEL STOP WITH POLYETHYLENE LOW PROFILE DOME.
ORD	J. R. SMITH	OVERFLOW ROOF DRAIN: #1080C, PIPE CONNECTIONS AND LARGE GENERAL PURPOSE OVERFLOW ROOF DRAIN WITH 16" DIA. DUCO CAST IRON BODY WITH COMBINED FLASHING CLAMP AND GRAVEL STOP WITH POLYETHYLENE LOW PROFILE DOME AND 2" DAM. REFER TO PLUMBING CODE FOR INFORMATION ON INSTALLATION.
FD	J. R. SMITH	FLOOR DRAIN: #2005, DUCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE STRAINER AND ROUND TOP.
WH	J. R. SMITH	WALL HYDRANT: #55090T, BRONZE NICKEL PLATED QUARTER-TURN NON-FREEZE HYDRANT WITH HOSE CONNECTION, INTEGRAL VACUUM BREAKER, "T" HANDLE KEY, AND STAINLESS STEEL BOX WITH FULL 180 DEGREE COVER OPENING.
PCO	J. R. SMITH	PLUG CLEANOUT: #4420CL, CAULK FERRULE CLEANOUT WITH TAPER THREAD PLUG
FCO	J. R. SMITH	FLOOR CLEANOUT: #4890" ROUND DECK PLUG WITH THREADED SPANNER WRENCH COVER SET AND ADJUSTED TO FINISH FLOOR LEVEL.
WCO	J. R. SMITH	WALL CLEANOUT: #4462 TAPER THREAD PLUG WITH ROUND COVER.
	"FILLMASTER"	WATER PURIFICATION SYSTEM: PROVIDE ALL NECESSARY PIPING, FITTINGS AND EQUIPMENT NEEDED TO ASSURE A FULLY OPERATIONAL SYSTEM.(SEE DETAIL 2 ON P-0.2)

WATER HEATER SCHEDULE

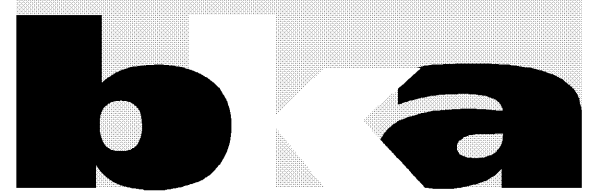
ITEM	MANUFACTURER	REMARKS AND SPECIFICATIONS
WH-1	A.O. SMITH	WATER HEATER: MODEL #EJCS-20, PROMAX, 18"DIA. x 25"H., 19 GALLON GLASS LINED TANK, ONE-2500 WATT, 120 VOLT, SINGLE PHASE ELEMENT. INSTALL 20 GAUGE GALV. SHEET METAL PAN BELOW.
WH-2	CHRONOMITE LABORATORIES, INC. (OR APPROVED EQUAL)	INSTANTANEOUS WATER HEATER: MODEL #SR-30L, TANKLESS ELECTRIC WATER HEATER, FLOW ACTIVATED, STAINLESS STEEL HEATING COILS, ONE-3600 WATT, 120 VOLT, SINGLE PHASE, 30 AMP 1/2" WATER CONNECTION, 6"Hx9"Wx2-1/2". 80-129 DEGREE F. TEMP. RANGE. WATER HEATER SHALL BE APPROVED TO PROVIDE TEPID WATER TO AN EMERGENCY EYEWASH AND MEET ANSI Z358.1 AND LOCAL STATE PLUMBING CODE REQUIREMENTS. (BRASS FITTINGS SHALL BE USED, PLASTIC IS NOT ACCEPTABLE)

FIXTURE & CONNECTION SCHEDULE

SYMBOL	FIXTURE NUMBER	FIXTURE	SOIL/WASTE	VENT	COLD WATER	HOT WATER	H/C MTG.	REMARKS
	P-1	WATER CLOSET	4"	2"	1-1/4"	-	Y	
	P-2	LAVATORY	2"	2"	1/2"	1/2"(110")	Y	
	P-3	EWC	2"	2"	1/2"	-	Y	
	P-4	PHARMACY SINK	2"	2"	1/2"	1/2"	N	
	P-5	JANITOR'S SINK	3"	2"	3/4"	3/4"	N	
	P-6	OFFICE/EMPLOYEE SINK	2"	2"	1/2"	1/2"	N	
	P-7	HAND SINK STAINLESS STEEL SINK WITH EMERGENCY EYEWASH (EW-1)	2"	2"	1/2"	1/2"	N	

PLUMBING LEGEND

SYMBOL	ABBR	DESCRIPTION
	S or W	SOIL or WASTE PIPING
	S or W	SOIL or WASTE PIPING (BURIED or BELOW SLAB)
	V	VENT PIPING
	V	VENT PIPING (BURIED or BELOW SLAB)
	ST	STORM PIPING
	ST	STORM PIPING (BURIED or BELOW SLAB)
	CW	DOMESTIC COLD WATER PIPING
	CW	DOMESTIC COLD WATER PIPING (BURIED or BELOW SLAB)
	HW	HOT WATER PIPING
	G	NATURAL GAS PIPING
	G	NATURAL GAS PIPING (BURIED or BELOW SLAB)
	TP	TRAP PRIMER PIPING
	TP	TRAP PRIMER PIPING
	IW	INDIRECT WASTE
	GV	GATE VALVE
	PRV	PRESSURE REDUCING VALVE
	GC	NATURAL GAS COCK
	RD	ROOF DRAIN
	FD	FLOOR DRAIN
	OED	OPEN END DRAIN
	WH	WALL HYDRANT
		NATURAL GAS METER (PROVIDED BY GAS COMPANY)
		DOMESTIC WATER METER
	W&T	WASTE & TRAP
	CO	LINE CLEANOUT
	WCO	WALL LINE CLEANOUT
	DCO	DANDY CLEANOUT
	FCO	FLUSH FLOOR CLEANOUT
		PIPE CAP
		PIPE CONTINUATION
		PIPE UP THRU SLAB OF FLOOR ABOVE
		PIPE DOWN THRU FLOOR SHOWN
		PIPE DROP
		PIPE RISE
		UNION CONNECTION
	VIV	VALVE IN VERTICAL
	W&V	WASTE & VENT PIPING
	VTR	VENT THRU ROOF
	WC	WATER CLOSET
	LAV	LAVATORY
	SK	SINK
	AP	ACCESS PANEL
	INV. EL	INVERT ELEVATION
	N.T.S.	NOT TO SCALE
	P.P.F.	PITCH PER FOOT
	V.I.F.	VERIFY IN FIELD
	F.F.E.	FINISHED FLOOR ELEVATION
	R.T.U.	ROOF TOP UNIT (FURNISHED BY HVAC SUBCONTRACTOR, NATURAL GAS SUPPLY BY PLUMBING SUBCONTRACTOR)
	G.U.H.	GAS UNIT HEATER (FURNISHED BY HVAC SUBCONTRACTOR, NATURAL GAS SUPPLY BY PLUMBING SUBCONTRACTOR)



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REVISIONS:

NO.	DATE	DESCRIPTION

DRAWING BY: RMP

DATE: 8/31/09

JOB NUMBER: 209017

TITLE:
PLUMBING LEGEND,
NOTES, AND SCHEDULES

SHEET NUMBER:
P-0.1

COMMENTS:
ISSUED FOR CONSTRUCTION

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