

PLUMBING LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Symbol]	GATE VALVE	[Symbol]	FLOOR DRAIN / AREA DRAIN
[Symbol]	CHECK VALVE	[Symbol]	FLOOR SINK
[Symbol]	PRESSURE	[Symbol]	ROOF DRAIN
[Symbol]	SCLENOID VALVE	[Symbol]	OVERFLOW ROOF DRAIN
[Symbol]	GLOBE VALVE (STRAIGHT PATTERN)	[Symbol]	HOT WATER RECIRCULATION PUMP
[Symbol]	BUTTERFLY VALVE	[Symbol]	PLUMBING VEVT THRU ROOF
[Symbol]	BALL VALVE	[Symbol]	POINT OF CONNECTION (CONNECT NEW TO EXISTING)
[Symbol]	GAS COCK	[Symbol]	PLUMBING EQUIPMENT DESIGNATION
[Symbol]	PLUG VALVE	[Symbol]	PLUMBING RISER OR DETAIL DESIGNATION
[Symbol]	FLOOR CLEAN OUT	[Symbol]	SANITARY SEWER PIPING
[Symbol]	WALL CLEAN OUT	[Symbol]	STORM SEWER PIPING
[Symbol]	CLEAN OUT	[Symbol]	VENT PIPING
[Symbol]	HOSE BIBB	[Symbol]	VENT PIPING (BELOW SLAB)
[Symbol]	FREEZE PROOF WALL HYDRANT	[Symbol]	COLD WATER PIPING
[Symbol]	SHOWER HEAD	[Symbol]	HOT WATER PIPING
[Symbol]	ELBOW DOWN	[Symbol]	COLD WATER PIPING (BELOW SLAB)
[Symbol]	ELBOW UP	[Symbol]	HOT WATER PIPING (BELOW SLAB)
[Symbol]	TEE UP	[Symbol]	HOT WATER RECIRCULATING PIPING
[Symbol]	TEE DOWN	[Symbol]	GAS PIPING
[Symbol]	STRAINER	[Symbol]	CONDENSATE PIPING
[Symbol]	UNION	[Symbol]	
[Symbol]	CAP	[Symbol]	
[Symbol]	FLEX PIPE	[Symbol]	

**GENERAL NOTES**

- DEFINITIONS: FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION AND SIMILAR OPERATIONS."
- INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."
- PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."
- EXCEPT AS OTHERWISE NOTED, ALL SCHEDULED PLUMBING FIXTURES SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR. THE PLUMBING CONTRACTOR SHALL MAKE ALL ROUGH-IN AND FINISH CONNECTIONS TO ALL PLUMBING EQUIPMENT.
- REFER TO PLUMBING FIXTURE SCHEDULE FOR PIPING RUNOUT SIZES TO INDIVIDUAL PLUMBING FIXTURES.
- DO NOT ROUTE ANY PIPING OVER ELECTRICAL ROOMS, COMPUTER ROOMS, OR ELECTRICAL PANELS.
- WATER PIPING INSTALLED IN EXTERIOR WALLS SHALL BE INSTALLED ON UNCONDITIONED SIDE OF INSULATION.
- UNDERSLAB WATER PIPING SHALL BE TYPE "R" DRAWN WITH NOTES.
- ALL DOMESTIC WATER PIPING IN CEILING SPACE SHALL BE ROUTED ABOVE CEILING INSULATION. DO NOT INSTALL WATER PIPING ABOVE TOP FLOOR CEILING.
- PROVIDE PRESSURE REDUCERS AS REQUIRED IN WATER MAIN FEED LINES TO KEEP PRESSURE BELOW 70 PSI AT ALL OUTLETS.
- PROVIDE PROPERLY SIZED WATER HAMMER ARRESTORS ON QUICK CLOSING VALVES.
- PROVIDE APPROVED BACKFLOW PREVENTION OR ANTI-SIPHON DEVICES AT ALL FIXTURES THAT COULD CONTAMINATE THE POTABLE WATER SYSTEM.
- PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS. LOCATE TRAP PRIMER VALVES IN ACCESSIBLE LOCATION. DO NOT LOCATE TRAP PRIMER VALVES OR PIPING IN AREAS ACCESSIBLE TO THE PUBLIC.
- ALL WORK SHALL COMPLY WITH CURRENT FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES AS WELL AS THE CONSTRUCTION DOCUMENTS. REPORT ANY CONFLICTS TO THE ENGINEER AS SOON AS THEY ARE DISCOVERED.
- REVIEW THE DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING JOB AND DURING CONSTRUCTION. EXCEPT AS OTHERWISE NOTED, PROVIDE ALL EQUIPMENT, MATERIALS, & LABOR FOR A COMPLETE PROJECT AS SHOWN ON DRAWINGS AND SPECIFICATIONS. DRAWINGS AND SPECIFICATIONS CARRY EQUAL WEIGHT AND ITEMS LISTED IN EITHER SHALL BE PROVIDED AS LISTED IN BOTH. ALSO REVIEW DETAIL AND RISER DIAGRAMS FOR ADDITIONAL ITEMS/INSTRUCTIONS WHETHER SPECIFICALLY REFERRED TO ON THIS OR ANY OTHER DRAWING.
- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND SHOW THE GENERAL INSTALLATION OF EQUIPMENT & MATERIALS IN RELATIONSHIP TO STRUCTURE & OTHER TRADES. THEY MAY NOT SHOW EVERY REQUIRED CONNECTION, FITTING, ETC. FIELD VERIFY ACTUAL JOB CONDITIONS AND COORDINATE WORK WITH OTHER TRADES PRIOR TO BIDDING JOB AND PRIOR TO ORDERING EQUIPMENT, FABRICATION OF MATERIALS, OR STARTING WORK. DO NOT SCALE THE DRAWINGS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL ITEMS THAT AFFECT OTHER DISCIPLINES WITH THE CORRESPONDING CONTRACTOR AND THE GENERAL CONTRACTOR IF EQUIPMENT, MATERIALS, ETC. OTHER THAN THOSE SCHEDULED & SPECIFIED (PENDING PRE-APPROVAL) ARE FURNISHED.
- CHANGE ORDERS WILL NOT BE GRANTED DUE TO LACK OF COORDINATION WITH JOB CONDITIONS AND/OR OTHER CONTRACTORS.
- MAINTAIN ALL REQUIRED SERVICE, FRESH AIR, & ROOF EDGE CLEARANCES FOR ALL NEW AND EXISTING EQUIPMENT, AND PLUMBING VENTS.
- UPON COMPLETION OF THE PROJECT PROVIDE AS-BUILT DRAWINGS TO THE OWNER, ARCHITECT, AND ENGINEER SHOWING EQUIPMENT, PIPING, ETC. THAT DIFFERS FROM CONSTRUCTION DOCUMENTS AS THEY ARE ACTUALLY INSTALLED.
- THE RESPONSIBILITY OF EACH CONTRACTOR IS NOT LIMITED TO THEIR SPECIFIC DISCIPLINE'S DRAWING SHEETS. REFER TO OTHER DISCIPLINE'S DRAWING SHEETS AS REQUIRED FOR ADDITIONAL INFORMATION/INSTRUCTIONS.
- FIRE SEAL ALL PENETRATIONS THROUGH RATED WALLS. SLEEVE IN ENTIRETY WITH APPROPRIATE SLEEVE MATERIAL.

PLUMBING FIXTURE	TRAP	WASTE		VENT	COLD WATER	HOT WATER
		ABOVE GRADE	BELOW GRADE			
WATER CLOSET-FLUSH TANK	--	3"	3"	2"	1/2"	--
LAVATORY	1-1/2"	1-1/2"	2"	1-1/2"	1/2"	1/2"
BATH-TUB/SHOWER	2"	1-1/4"	2"	1-1/2"	1/2"	1/2"
SINK-HAND, BAR, RESIDENTIAL KITCHEN	1-1/2"	1-1/2"	2"	1-1/2"	1/2"	1/2"
SINK-COMMERCIAL KITCHEN	2"	1-1/2"	2"	1-1/2"	3/4"	3/4"
RESIDENTIAL CLOTHES WASHER/WASHER...	2"	2"	2"	1-1/2"	3/4"	3/4"
ICE MAKER/SERVICE MAKER BOX	--	--	--	--	1/2"	--
MOP BASIN/SERVICE SINK	3"	3"	3"	2"	3/4"	3/4"
WALL HYDRANT/HOSE BIBB	--	--	--	--	3/4"	--

**NOTE:**  
NO SUBSTITUTIONS OF VENDORS OR PRODUCT ON EQUIPMENT UNLESS APPROVED BY WOODSPRING SUITES, THE ARCHITECT AND THE OWNER.

PLUMBING FIXTURE SCHEDULE (SUITES)									
MARK	FIXTURE TYPE	MANUFACTURER	MODEL	CONSTRUCTION MATERIAL	SIZE (IN)	MOUNTING	TRIM		REMARKS
							FAUCET/VALVE MFG. & MODEL	STRAINER/GRATE TYPE	
BP-1	BOOSTER PUMP	TOWLE-WHITNEY	TW2000U-150G-40	DUPLEX SYSTEM					
ET-1	EXPANSION TANK	AMTROL	ST-42V						
FCO	CLEANOUT	ZURN	ZN1400-TX	CI W/NICKEL BRONZE COVER	SEE PLANS	FLOOR	--	--	--
FD	FLOOR DRAIN	ZURN	ZN415-5B	CI W/NICKEL BRONZE STRAINER	SEE PLANS	FLOOR	--	YES	
LI	LINT INTERCEPTOR	STRICM PRODUCTS	AA-XL	POLYETHYLENE					19
P-1	WATER CLOSET	AMERICAN STANDARD	3517C101020, 4188A004020 ALT. GERBER GVP21592, GVP...	VITREOUS CHINA	N/A	FLOOR	--	--	
P-1H	WATER CLOSET	AMERICAN STANDARD	3517A101020, 4188A004020 ALT. GERBER GVP21528, GVP 28500WH	VITREOUS CHINA	N/A	FLOOR	--	--	1
P-2	LAVATORY	PROFLO	PF1812UWH ALT. GERBER 12-791			COUNTER	PEERLESS P18824LF	POP-UP	3
P-2H	LAVATORY	PROFLO	PF1812UWH ALT. GERBER 12-791			COUNTER	PEERLESS P18824LF	POP-UP	3, 4
P-3	TUB/SHOWER	AQUATIC	2603SGM WITH ACRYLIC TOWEL BAR	GELCOAT	60X33		PEERLESS PPTT188773 WITH PROFLO PFW0352	PROFLO PFW0352	5, 6, 8, 11, 12
P-3H	TUB/SHOWER	AQUATIC	2603SMTE	GELCOAT	60X33		PEERLESS PPTT188773 DELTA DRPW324H-DF, DT11881	PROFLO PFW0352	5, 7, 8, 11, 12, 22
P-4H	ROLL IN SHOWER	AQUATIC	6030BFSC	GELCOAT	60X36		PEERLESS PPTT188763 W/ DELTA DT11881, DRPW324H-DF	PROFLO PF148NC	2, 5, 9, 10, 11, 12, 22
P-4T	TRANSFER SHOWER	AQUATIC	1363BFSC	GELCOAT	39X39		PEERLESS PPTT188763 W/ DELTA DT11881, DRPW324H-DF	PROFLO PF148NC	5, 11, 22
P-5	SINK	PROFLO	SR252271	STAINLESS STEEL	25X22	COUNTER	DELTA D1953LF	BASKET PROFLO PF1435SS	13
P-6H	SINK	PROFLO	SR252271	STAINLESS STEEL	25X22	COUNTER	PEERLESS P188201LF	BASKET PROFLO PF1435SS	4, 13
P-8	LAVATORY	ZURN	Z5344	VITREOUS CHINA	20X18	WALL	PEERLESS P18824LF	GRID PROFLO PFGD100	3, 4, 11, 14
P-9	MOP BASIN/TRENCH					FLOOR	DELTA 28C2063		15
P-8	WASHING MACHINE BOX	SCORP	82359			WALL			--
P-9	LAVATORY SINK	MUSTEE	26F	DURASTONE	40X24	FLOOR	DELTA 2133LF		13
P-10	HOSE BIBB	WOODFORD	26C						
P-11	HOSE BIBB	WOODFORD	17CP-12-MH				50012 TEE KEY		
P-12	TRENCH DRAIN	JAY R. SMITH	9667-SG	STAINLESS STEEL	2X60 2X36	FLOOR			21
RD	ROOF DRAIN	ZURN	Z100	CI W/POLY DOME	SEE PLANS	ROOF	--	YES	--
RP	RECIRC PUMP	GRUNDFOS	UP28-96SF		115V/1PH		HONEYWELL L6006A1-45, 121371B		
SP	SUMP PUMP	ZOELLER	Z1450005		115V/1PH				20
TMV	THERMOSTATIC MIXING VALVE	SYMMONS	7-000-W			WALL			
TP-1	TRAP PRIMER	PPP INC.	PR-500	BRASS			DUU		--
WCO	CLEANOUT	ZURN	Z1446	STAINLESS	SEE PLANS	WALL			
WH-1, 2, 3	WATER HEATER	A O SMITH	BTH159ADN00000 ALT. STATE SUF100198NEE		100 GAL				18

**GENERAL FIXTURE ACCESSORY NOTES:**

- PROVIDE CARRIERS FOR ALL WALL HUNG WATER CLOSETS, URINALS, & LAVATORIES.
- PROVIDE ALL ADA SINKS WITH REAR CENTERED DRAIN OPENINGS.
- PROVIDE ALL ADA LAVATORIES & SINKS NOT PROTECTED BY AN ARCHITECTURAL SKIRT PANEL WITH UNDERSINK PIPING COVERS EQUAL TO TRUEBRO LAVGARD 2
- PROVIDE ALL ADA WATER CLOSETS & URINALS WITH THE FLUSH LEVER ON THE WIDE SIDE OF THE FIXTURE. SEE PLANS.
- PROVIDE ALL LAVATORY & SINK P-TRAPS WITH INTEGRAL CLEANOUT PLUGS.
- UNLESS OTHERWISE NOTED IN REMARKS SECTION, PROVIDE ALL WATER CLOSETS FURNISHED WITH WHITE OPEN FRONT SEATS, INCLUDING COVERS.
- UNLESS OTHERWISE NOTED, PIPING CONNECTION SIZES OF ALL FLOOR DRAINS, FLOOR SINKS, & CLEANOUTS SHALL MATCH PIPING RUNOUT SIZE SHOWN ON PLANS.
- SEE PLANS FOR ROOF DRAIN PIPING CONNECTION SIZES.

**FIXTURE REMARKS:**

- PROVIDE WITH PROFLO PFTS0FC2000WH WHITE SEAT, PFX148472 1/2" SUPPLY, PFXQAC32C 1/4 TURN STOP, NO-SLEEP BOWL WAX & CLOSET BOLT KIT.
- NOT USED.
- 1.2GPM, PROVIDE PFTB400 P-TRAP, PFX148322 SUPPLIES, PFXQAC32CLK 1/4 TURN STOPS.
- PROVIDE & INSTALL LAV GUARD 2 102E-Z & #402W INSULATION COVER WITH ONE P-TRAP AND TWO SUPPLY COVERS.
- PROVIDE DELTA R1000-UUNWS ROUGH IN VALVE.
- 1.50PM SHOWER HEAD & SLIP JOINT TUB DIVERTER SPOUT.
- 2.5GPM HANDHELD, 24" SLIDE BAR, 60" FLEX HOSE & SLIP JOINT DIVERTER SPOUT, DN7025 SHOWER SEAT.
- PROVIDE PFW0352 WASTE & OVERFLOW.
- 1.6GPM HANDHELD, 24" SLIDE BAR, 60" FLEX HOSE.
- PROVIDE SHOWER UNIT WITH H GRAB BARS, FOLD UP SEAT, SHOWER CURTAIN AND ROD AND SHOWER DRAIN.
- VERIFY CORRECT DIMENSIONS.
- PROVIDE RIGHT OR LEFT HAND DRAIN AS REQUIRED.
- PROVIDE WITH PROFLO PFTFB100 TAILPIECE, PFTTB403 P-TRAP, PFX148322 SUPPLIES, PFX1AC32C 1/4 TURN STOPS.
- PROVIDE LEONARD 170 WHERE REQUIRED BY LOCAL CODE.
- PROVIDE PROFLO PFFSS HOSE & PF298 HOSE HANGER.
- PROVIDE WITH TRAP PRIMER CONNECTION.
- CLEANOUT FITTING & PLUG TO BE PROVIDED IN ROUGH-IN MATERIAL.
- 159MBTU 96% EFF, INCL STATE S5006328005 CONCENTRIC VENT KIT.
- PROVIDE EXTENSION IF REQUIRED.
- PROVIDE WITH ZOELLER Z300101 BALL VALVE/CHECK VALVE, Z102614, JACKEL FWB24X36FAGF, JC24B, SH14, E2001I.
- 36" LENGTH H OR TRANSFER SHOWER AND 60" LENGTH H FOR ROLL-IN SHOWER WITH NO FLASHING FLANGE.
- PROVIDE DELTA R1000 ROUGH IN VALVE.

**ROUGH-IN & INSTALLATION**

- UNLESS OTHERWISE NOTED, PC SHALL FURNISH, INSTALL, & CONNECT ALL SCHEDULED PLUMBING FIXTURES.
- INSTALL OF ADA FIXTURES SHALL MEET FEDERAL ADA STANDARDS.
- SEE ARCHITECTURAL PLANS & ELEVATIONS FOR INSTALLATION HEIGHTS OF ALL PLUMBING FIXTURES.
- PROVIDE TRAP PRIMERS TO SERVE ALL FLOOR DRAINS.
- PLUMBING CONTRACTOR SHALL SUPPLY.
- UNLESS OTHERWISE NOTED IN REMARKS SECTION, FIXTURE ROUGH-IN & CONNECTION PIPING SIZES SHALL BE AS INDICATED IN ADJACENT TABLE.

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Order Plans