

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT STATE AND LOCAL CODES AND LAWS.
- SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
- ALL DRAWN WATER AND GAS LINES SHALL BE KEPT TIGHT TO THE UNDERSIDE OF EQUIPMENT AND SECURED IN PLACE.
- VERIFY THE LOCATION OF THE SANITARY SEWER ON THE SITE PLAN AND SHALL REVISE THE SEWER SYSTEM AS REQUIRED.
- PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODES. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.
- ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.
- PROVIDE GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
- INSTALL SHUT-OFF VALVES ON ALL HOT AND COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.
- PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT, FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE WHEN ALLOWED BY CODE AND RESTRAINING DEVICE FURNISHED BY OWNER. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE. IF GAS PRESSURE GREATER THAN 10/wc IS USED DOWNSTREAM FROM THE GAS METER.
- ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE AND FOR ADDITIONAL WORK TO BE FURNISHED AND INSTALLED BY CONTRACTOR. ALL ROUGH-IN PLUMBING AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT SHALL BE MADE BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- REFER TO MECHANICAL SHEETS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
- ALL GAS LINES SHALL BE SUPPORTED SEE SPECS.
- ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.
- PROVIDE WATER HAMMER ARRESTOR FOR ALL HAND SINKS AND URINAL WATER LINES.
- PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE MINIMUM 2 TIMES THE DIAMETER OF THE INDIRECT DRAIN.
- PRIOR TO COMMENCING WORK ON THIS PROJECT, VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
- COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- FURNISH AND INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.
- PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN, GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
- ALL WATER LINES SHALL BE RUN OVERHEAD UNLESS OTHERWISE NOTED.
- ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING ANY FIXTURES OR EQUIPMENT.
- PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKS OR EXPANDING FOAMS FOR SEALANT.
- CPVC SCHEDULE 40 WASTE PIPE CAN BE SUBSTITUTED FOR BLACK IRON WASTE PIPE WHERE ALLOWED BY LOCAL MUNICIPALITIES.
- PEX PLASTIC TUBING AND FITTING CAN BE USED AS AN OPTION. ALL INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND SHALL COMPLY WITH ALL CURRENT STATE AND LOCAL CODES AND LAWS.

GENERAL NOTES

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PLUMBING SYMBOLS LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION
	CW	DOMESTIC COLD WATER
	FW	FILTERED WATER
	HW	DOMESTIC HOT WATER - 110°F
	HW	DOMESTIC HOT WATER - 140°F
	HWR	DOMESTIC HOT WATER RETURN - 110°F
	HWR	DOMESTIC HOT WATER RETURN - 140°F
	V	SANITARY VENT PIPING
	GV	GREASE TRAP PIPING
	SS	SANITARY SEWER PIPING
	GW	GREASE PIPING
	SD	STORM DRAIN PIPING
	CD	CONDENSATE DISCHARGE PIPING - CD
	G	NATURAL GAS PIPING - G
	TW	DOMESTIC HOT WATER TEMPERED
	POC	POINT OF CONNECTION
		PLUMBING NOTE
		PLUMBING FIXTURE DESIGNATION
		KITCHEN EQUIPMENT. REFER TO KITCHEN EQUIPMENT DRAWINGS
	FD	FLOOR DRAIN
	HD	HUB DRAIN
	FS	FLOOR SINK
	FCO	FLOOR CLEAN OUT
	WCO	WALL CLEAN OUT
	ECO	EXTERIOR CLEAN OUT
	BV	BALL VALVE
	CV	CHECK VALVE
	BFP	BACKFLOW PREVENTER
	SV	ANSOL GAS SOLENOID VALVE
	GC	GAS COCK SHUT OFF VALVE
	SV	SHUT OFF GATE VALVE
	FPWH	FROST PROOF WALL HYDRANT
	T & P	TEMPERATURE AND PRESSURE RELIEF VALVE
	U	UNION
	TMV	TEMPERATURE MIXING VALVE
	VTR	VENT THRU ROOF
	AFF	ABOVE FINISHED FLOOR
	RD	ROOF DRAIN
	RL	ROOF LEADER
	OFD	OVERFLOW DRAIN
	CI	CAST IRON PIPE
	(E)	EXISTING
	(N)	NEW
	TP	TRAP PRIMER
	WHA	WATER HAMMER ARRESTOR
	FU	FIXTURE UNIT

PLUMBING LEGEND

D

NOT USED

B

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMP'D WATER	DESCRIPTION	MANUFACTURER / MODEL NUMBER
(ECO) 1	EXTERIOR CLEANOUT	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400 SIOUX CHIEF / MODEL: 861-4PNDW
(FS) 1	FLOOR SINK	4"	2"	--	--	--	LIGHT DUTY, ACID RESISTANCE, WHITE PVC FLOOR SINK W/ 12" SQUARE WHITE PVC HALF GRATE AND STAINLESS STEEL DEBRIS BUCKET WITH LIFTING HANDLE.	SIOUX / MODEL: 861-4-PND
(FS) 2	FLOOR SINK	4"	2"	--	--	--	PVC 12" SQUARE FLOOR SINK, 6" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	ZURAM / MODEL: FD-2210 SIOUX CHIEF 842 OATEY 72000
(FD) 1	FLOOR DRAIN (3')	3"	2"	--	--	--	LIGHT DUTY ADJUSTABLE PVC WITH THREADED ADAPTOR AND 5" DIAMETER NICKEL BRONZE RING AND FASTENED GRATE	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
(FCO) 1	FLOOR CLEANOUT	--	--	--	--	--	CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP
(WCO) 1	WALL CLEANOUT	--	--	--	--	--	CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 71000 WADE / MODEL: 8600L ZURN / MODEL: Z-1300
(HB) 1	HOSE BIBB	--	--	3/4"	--	--	NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER, BRONZE CASING AND NICKEL BRONZE BOX.	--
(S) 1	HAND SINK	1-1/2"	1-1/2"	--	--	1/2"	S-1- STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS FAUCET, BRAIDED WATER LINES AND 0.5 GPM AERATOR	--
(S) 2	MOP SINK	3"	2"	1/2"	1/2"	--	MOP SINK, AERO - 3MP-2121-6 W/ 48" HIGH S.S LEFT SIDE AND BACK-SPLASH, FURNISHED BY OWNER, INSTALLED BY GC. FAUCET: T&S B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY GC.	--
(S) 3	3-COMP. SINK	INDIRECT	--	1/2"	1/2"	--	SINK, FAUCET & DRAIN, GEN III.	--
(S) 4	PREP SINK	INDIRECT	--	1/2"	1/2"	--	SINK, FAUCET AND DRAIN	--
(GI) 1	GREASE INTERCEPTOR	4"	--	--	--	--	JENSEN PRECAST 1,250 GALLON GREASE INTERCEPTOR WITH SAMPLE BOX FINAL SIZE TO BE DETERMINED BY LOCAL BUILDING AUTHORITY	--
(MV) 1	MIXING VALVE	--	--	1/2"	1/2"	--	THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LF495 LAWLER SERIES 310 LEONARD SERIES 170
(ET) 1	EXPANSION TANK	--	--	3/4"	--	--	EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160" F, 12 GALLON CAPACITY.	WATTS SERIES DET AMTROL SERIES ST WILKINS SERIES WXTP
(BFP) 1	BACKFLOW PREVENTOR	--	--	VERIFY	--	--	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, CAST BRONZE CONSTRUCTION WITH QUARTER TURN FULL-PORT BALL VALVES AND BRONZE STRAINER.	WATTS / MODEL: 009M2QTS WILKINS / MODEL: 975XLS FEBCO / MODEL: 860
(SA) 1	SHOCK ARRESTOR	--	--	1/2"	--	--	STAINLESS STEEL CASING WITH STAINLESS STEEL BELOW, PRECHARGED WITH NITROGEN. SIZED PER PDI-WH201	WADE / SHOKSTOP JOSAM / MODEL: 75000 ZURN / SHOKTROL
(RO) 1	REVERSE OSMOSIS	INDIRECT	--	1/2"	--	--	REVERSE OSMOSIS FILTER SYSTEM BY OWNER SEE TO DETAIL 9/P6.0	WADE / SHOKSTOP JOSAM / MODEL: 75000 ZURN / SHOKTROL
(HD) 1	HUB DRAIN	3"	2"	--	--	--	CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	JOSAM / MODEL: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019
(BFP) 2	BACKFLOW PREVENTOR (EQUIPMENT)	--	--	VERIFY	--	--	DUAL CHECK VALVES - BRONZE BODY, STAINLESS STEEL SPRINGS, SILICONE DISC, PLASTIC DISC MODULES.	WATTS / MODEL: SERIES LF7R WILKINS - EQUAL FEBCO - EQUAL
(TP) 1	TRAP PRIMER	--	--	1/2"	--	--	BRASS BODY, 1/2" NPT INLET AND OUTLET, VIEW HOLES/VACUUM BREAKER PORTS, PROVIDE ACCESS PANEL FOR VALVES INSTALLED INSIDE WALLS, INSTALL A MINIMUM OF 12" ABOVE FINISHED FLOOR.	PPP MODEL PR-500 PPP MODEL DU-2 SIOUX CHIEF
(WC) 1	WATER CLOSET	4"	2"	1/2"	--	--	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT, FLUSHOMETER TANK, SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH LEVERS SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	AM. STD. "CADET" / MODEL: 2377.100 LEFT AM. STD. "CADET" / MODEL: 4098.800 RIGHT KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888
(L) 1	LAVATORY	1-1/4"	1-1/2"	--	--	1/2"	WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES AND AND P-TRAP, AND "SLOAN" MODEL NO. S2350 SENSOR FAUCET WITH ADJUSTABLE INFRARED SENSOR RANGE, FILTERED SOLENOID VALVE WITH SERVICEABLE STRAINER FILTER, BATTERY POWERED AND 6 VDC PLUG IN, AERATOR SPRAY HEAD, 4" ON CENTER, ADA COMPLIANT. PROVIDE TRUE BRO MODEL #102 E-Z, LAVATORY GUARD, ADA COMPLIANT, P-TRAP COVER AND (2) ANGLE SUPPLY VALVE COVERS.	A.S. COMRADE / MODEL: 0124-131 CRANE "HARWICH" / MODEL: 1412V
(WH) 1	WATER HEATER	--	--	1-1/4"	1-1/4"	--	GAS FIRED WATER HEATER, 98.5% THERMAL EFF., 150,000 BTUH INPUT, 100 GAL. STORAGE TANK, 138 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & AIR INTAKE, ASME RTD TEMP. & PRESS. REL. VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / BTH 199 STATE / SUF 100 120 NE
(RCP) 1	HOT WATER RECIRCULATION PUMP	--	--	VERIFY	--	--	BRONZE BODY, CERAMIC SHAFT, CARBON BEARINGS, FLANGED CONNECTIONS, IN-LINE WET ROTOR PUMP, 5 GPM @ 12 FT. HEAD, 115 VOLT, SINGLE PHASE, 92 WATTS.	B & G MODEL NBF - 22 ARMSTRONG TACO

PLUMBING SCHEDULE

A

PLOT DATE:

PLUMBING SCHEDULES AND NOTES

P1.0

CONTRACT DATE: 07.06.2016

BUILDING TYPE: CONVERSION

PLAN VERSION: FEBRUARY 2015

SITE NUMBER: XXX-XXX

STORE NUMBER: XXXXX

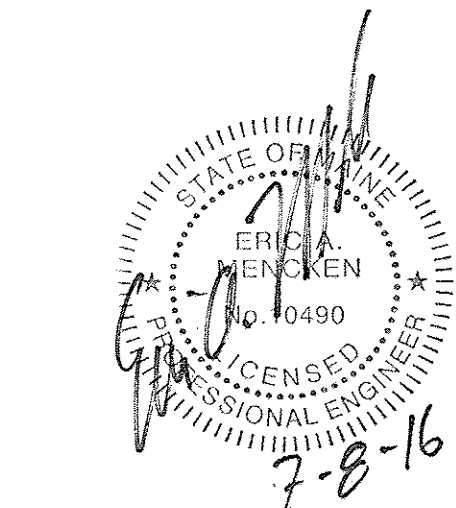
TACO BELL
1363 WASHINGTON AVE.
PORTLAND, ME



PLUMBING SCHEDULES AND NOTES

P1.0

PLOT DATE:



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