



FINAL CONDUIT LAYOUT MUST BE COORDINATED IN THE FIELD WITH THE REFRIGERATION CONTRACTOR AND LOWES FOODS REPRESENTATIVE

**REFRIGERATION PIT PIPING PLAN**  
SCALE: 1/16" = 1'-0"

SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF REFRIGERATION PITS

- REFRIGERATION PIT PIPING NOTES:**
1. ALL UNDERFLOOR DUCT FOR REFRIGERATION LINES SHALL BE SCHEDULE 40 PVC, 6" IN DIAMETER UNLESS OTHERWISE NOTED.
  2. REFRIGERATION LINES BY LOWES FOODS.
  3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO REFRIGERATION PITS.
  4. CONTRACTOR SHALL TAKE EXTREME CARE TO ENSURE DUCTS SLOPE FROM 2' X 2' PIT DOWN TO THE REFRIGERATION PIPING ACCESS AREA. SLOPE SHALL BE A MINIMUM OF 1/8" PER FOOT.
  5. NOT USED.
  6. INSTALLATION OF UNDER FLOOR DUCT IS BY PLUMBER.
  7. INSTALLATION OF REFRIGERATION PITS IS BY ANOTHER CONTRACTOR, NOT PLUMBER, COORDINATE DUCT INSTALLATION WITH GENERAL CONTRACTOR.
  8. AVOID INTERFERENCES WITH FOOTERS AND COLLARS WITH UNDERGROUND DUCT. MODIFY UNDER FLOOR DUCT OR DRIP FOOTER TO AVOID COLLARS IN FOOTER AS NECESSARY.
  9. SEAL OPEN END OF 6" DIA. PVC TO PREVENT SAND FROM ENTERING CONDUIT IN ALL ACCESS PITS.
  10. "A" CIRCUITS TO BE (1) 6" PIPE TO CIRCUITS TO BE (2) 4" PIPES SIDE BY SIDE.

SYM.	FIXTURE	QTY	HW	DRAIN	STOPS & VALVES	MANUF.	MODEL	REMARKS	ACCEPTABLE ALT. MANUF. MANUFACTURER: SEE NOTE 3	
NOT USED	P-1	WATER CLOSET FLOOR MOUNT FLUSH VALVE	1"	3"	FLUSH VALVE	AMERICAN STANDARD	3461-128 1-28 GPF	INCLUDE SLOAN #111-1.28 SMOOTH, BATTERY OPERATED FLUSH VALVE, OLSONITE #10 WHITE OPEN FRONT SEAT W/O COVER. SEE NOTES 1, 2	CRANE, KOHLER, ELJER FOR FIXTURE ONLY. NO SUBSTITUTION FOR SLOAN VALVE	
NOT USED	P-2	WATER CLOSET FLOOR MOUNT FLUSH VALVE	1"	3"	FLUSH VALVE	AMERICAN STANDARD	3451-128 1-28 GPF	INCLUDE SLOAN #111-1.28 SMOOTH, BATTERY OPERATED FLUSH VALVE, OLSONITE #10 WHITE OPEN FRONT SEAT W/O COVER. SEE NOTE 2		
NOT USED	P-3	URINAL HANDICAP	3/4"	2"	FLUSH VALVE	TOTO	UT105U	INCLUDE SLOAN 186-1.0 SMOOTH, BATTERY OPERATED FLUSH VALVE. SEE NOTE 1		
NOT USED	P-4	LAVATORY WALL HANG HANDICAP	1/2"	1/2"	1-1/4" 1/2" x 3/8" ANGLE	AMERICAN STANDARD	Q355-012	BRASS/STAINL SS SUPPLY VALVES W/CHROME PLATED RISERS AND WALL FLANGES. 7/622 1/2" FAUCET WITH GRID DRAIN. 4" W/ST OPERATORS 1-1/4X1-1/4" TUBULAR P-TRAP CP. CONCEALED AND SUPPORTS. SEE NOTES 1, 2. LAVATORY CARRIERS SHALL BE AS MANUFACTURED BY JOSAM, WAG, OR J. R. SMITH	CRANE, KOHLER, ELJER	
NOT USED	P-5	MOP SINK	3/4"	3/4"	3"	FIAT	WS2424	FAUCET: 830AA W/VACUUM BREAKER / HOSE: 832-AA MOP HANGER: 888-CC / STRAINER: E72-DD SEE NOTE 5		
NOT USED	P-6	HAND SINK STAINLESS STEEL	1/2"	1/2"	1-1/4" 1/2" x 3/8" ANGLE			SINK AND FAUCET SUPPLIED BY LOWES FOODS. PLUMBER SHALL INCLUDE ALL EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION THAT DOES NOT COME WITH HANDSINK. PROVIDE TEMPERING VALVE. SEE NOTE 5		
NOT USED	P-7	ELECTRIC WATER COOLER HANDICAP	1/2"	1-1/4"		ELKAY	E25-8	SEE NOTE 1	OASIS, HALSEY TAYLOR, WESTINGHOUSE	
NOT USED	P-8	ELECTRIC WATER COOLER	1/2"	1-1/4"		ELKAY	E25-8	STANDARD HEIGHT	OASIS, HALSEY TAYLOR, WESTINGHOUSE	
NOT USED	P-9	ELEC. WTR. HTR. 30 GAL.	3/4"	3/4"		BALL STATE	PCF 30 203A	480 VOLT, 1 PHASE, 5 KW. SIMULANEOUS OPERATION (9 KW TOTAL LOAD)		
NOT USED	P-10	DIAPHRAGM TANK	3/4"			STATE	ETC-2X			
NOT USED	P-11	CLEANING CENTER OPERATOR AND DRAIN	3/4"	3/4"	3"	BALL	830AA	USE VACUUM BREAKER AND JOSAM 30000-E SERIES DRAIN STRAINER AND NIKOLAY TOP SEE NOTE 5		
NOT USED	P-12	INTERIOR HOSE BIBB	1/2"			BALL	W11-90	CAST IRON OPERATING HANDLE. INCLUDE VACUUM BREAKER.		
NOT USED	P-13	FINISHED FLOOR CLEANOUT (FOURLIFT AREAS)		4"		SILOUX CHIEF	834-4PR	PVC BASE AND DUCTILE TOP	NO ALTERNATES	
NOT USED	P-14	ENCASED BALL HYDRANT	1/2"			W11-20		KEY OPERATED, FREEZEPROOF, CHROME FINISH ON BRASS CASTING. INCLUDE VACUUM BREAKER.		
NOT USED	P-15	LAVATORY WALL HANG HANDICAP	1/2"	1/2"	1-1/4" 1/2" x 3/8" ANGLE	AMERICAN STANDARD	Q621-001	PLUMBING CONTRACTOR SHALL SUPPLY SINK. INSTALL A KOHLER K-183-4-282 (10) RUBBER BRONZE FINISH) W/D 5 GPM MAX. FLOW GRID DRAIN. BRASS/STAINL SS SUPPLY VALVES W/CHROME PLATED RISER AND WALL FLANGE. 1-1/4X1-1/4" TUBULAR P-TRAP CP. SEE NOTES 1&3		
NOT USED	P-16	WATER HAMMER ARRESTOR				ZURN	Z-1700-400			
NOT USED	P-17	WATER HEATER	1/2"	1-1/4"		BALL	A. O. SMITH	811-199	SUPPLIED BY LOWES. INSTALLED AND STARTED BY PLUMBER	
NOT USED	P-18	FINISHED FLOOR CLEANOUT (7000 TRAFFIC AREAS)		4"		SILOUX CHIEF	834-4PR	COMPLETE ASSEMBLY WITH PVC BASE AND NICKEL BRONZE TOP	NO ALTERNATES	
NOT USED	P-19	EXTERIOR CLEANOUT		4"		SILOUX CHIEF	851-441	WITH CAST IRON TOP. SEE NOTE 5		
NOT USED	P-20	WALL CLEANOUT COVER/PLATE				SILOUX CHIEF	873	STAINLESS STEEL WITH CAST BRASS PLUG		
NOT USED	P-21	FLOOR SINK		3"		WIFAB	FS1720-150-5	HALF TOP GRATE. 12"X12" TOP. SEDIMENT BUCKET.		
NOT USED	P-22	EYE WASH	1/2"	1 1/4"		BALL	BRADLEY	519-220	WALL MOUNT. PIPE DRAIN INDIRECTLY TO CLEANING CENTER. INCLUDE BRADLEY 519-2000 THERMOSTATIC MIX VALVE TO TEMPER EYEWASH WATER TO OSHA STANDARDS. INCLUDE SHUTOFF VALVES ON HOT AND COLD WATER LINES	
NOT USED	P-23	FLOOR DRAIN (NON WASHDOWN AREAS)		3"		WIFAB	F1000-RB-7	NICKEL BRONZE DEEP SEAL TRAP. PROVIDE PRIMER TAP. SEE NOTE 4	NO ALTERNATES	
NOT USED	P-24	FLOOR DRAIN (USED IN AREAS THAT ARE WASHED DOWN)		3"		WIFAB	F1000-R8	NICKEL BRONZE DEEP SEAL TRAP		
NOT USED	P-25	TRENCH DRAIN (PREP AREAS)		4"		ACO	K1005-425/426	DEEP SEAL TRAP. SLOTTED LOAD CLASS "C" GALVANIZED STEEL GRATE. VERIFY LENGTH ON DRAWINGS		
NOT USED	P-26	RECLAIM TANK	3/4"	3/4"		BALL		SUPPLIED BY OTHERS		
NOT USED	P-27	GREASE INTERCEPTOR		4"		STAY-RITE		TRAFFIC RATED 3000 GALLON. COORDINATE WITH LOCAL AUTHORITY ON PURCHASE AND INSTALLATION OF GREASE INTERCEPTOR BEFORE ORDERING. SEE NOTE 5	OLD CASTLE PRE-CAST CAROLINA PRE-CAST	
NOT USED	P-28	ENCASED INTERIOR HOSE BIBB	1/2"			BALL	W11-95	INCLUDE VACUUM BREAKER WHEN INDICATED PROVIDE HOSEBIBB W/ "CATCH-A-DRIP" BOX. VERIFY SPECIFICATION W/OWNER	JOSAM, JAY R. SMITH	
NOT USED	P-29	TRENCH DRAIN (NON PREP AREAS)		4"		ACO	K1005-481	DEEP SEAL TRAP. SLOTTED LOAD CLASS "E" DUCTILE IRON GRATE. VERIFY LENGTH ON DRAWINGS	NO ALTERNATES	
NOT USED	P-30	POT FILLER	1/2"	4"		T&S BRASS	9-0605	INCLUDE VACUUM BREAKER	AMER. STD. KOHLER	
NOT USED	P-31	PICK & PREP SINK	1/2"	1/2"	1-1/2" 1/2" x 3/8" ANGLE	SELFCI	DS-2818-LD	SINK AND FAUCET SUPPLIED BY LOWES FOODS. PLUMBER SHALL INCLUDE ALL EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION THAT IS NOT PROVIDED BY LOWES FOODS.		

- NOTES:**
1. MATERIAL AND INSTALLATION SHALL BE PER STATE HANDICAP CODE REQUIREMENTS AND ADA REQUIREMENTS.
  2. TOILETS SHALL FLUSH ON A MAXIMUM OF 1.28 GALLONS PER FLUSH.
  3. LAVATORIES SHALL HAVE 5 GPM FLOW REGULATORS.
  4. INDICATED FLOOR DRAIN SHALL BE PRIMED WITH 1/2" COPPER LINE FROM NEARBY CLEAR WATER FIXTURE (LAVATORY). TAP CLEAR WATER FIXTURE TAIL PIECE WITH WATER SAVER TRAP PRIMER AND ROUTE COPPER SUPPLY LINE UNDER SLAB TO DRAIN PRIMER CONNECTION. WATER SAVER TRAP PRIMER SHALL BE ACCESSIBLE AND GOLF APPROVED. IF A CLEAR WATER FIXTURE SUCH AS A LAVATORY IS NOT AVAILABLE TAP NEARBY COLD WATER LINE AND ROUTE 1/2" PRIMER LINE THROUGH PRIMER VALVE. GOLF APPROVED FOR MOST WATER CROSS CONNECTION. VALVE SHALL BE ACCESSIBLE AND INSTALLED ON WALL ABOVE FLOOR SINK OF CLOSEST PREP SINK.
  5. FIXTURES BY ALTERNATE MANUFACTURERS MUST BE APPROVED BY LOWES FOODS ENGINEERING PRIOR TO PURCHASE.

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