

PIPING AND FITTINGS SCHEDULE			
SYSTEM	PIPING	FITTINGS	REMARKS
DOMESTIC WATER	TYPE L HARD DRAWN COPPER TUBING; PEX PIPING/TUBING	COPPER – CAST BRONZE OR COPPER SWEAT FITTINGS JOINED WITH TIN/ANTIMONY LEAD-FREE SOLDER; COPPER CRIMPING AND COMPRESSION FITTINGS FOR PEX.	-
SANITARY, WASTE, AND VENT	SERVICE WEIGHT HUBLESS CAST IRON; PVC (SCHED. 40) PIPING	SERVICE WEIGHT HUBLESS CAST IRON JOINED W/APPROVED STAINLESS MECHANICAL COUPLINGS W/NEOPRENE RESILIENT GASKETS; PVC (SCHED. 40) FITTINGS	NO-HUB COUPLINGS SHALL BE 4-BAND EQUAL TO HUSKY SD-4000
CONDENSATE PIPING (NOT LESS THAN 3/4")	SCHEDULE 40 PVC PIPING	SCHEDULE 40 PVC FITTINGS	CONDENSATE SERVING FUEL-FIRED APPLIANCES SHALL BE AN APPROVED CORROSION RESISTANT MATERIAL AND NOT BE SMALLER THAN DRAIN CONNECTION ON UNIT.
GAS PIPING (2" AND SMALLER)	SCHEDULE 40 STEEL	SCREWED SCHEDULE 40 BLACK STEEL	CORRUGATED STAINLESS STEEL TUBING SHALL BE APPROVED FOR SIZED UP TO 2"
GAS PIPING (2 1/2" AND LARGER)	SCHEDULE 40 STEEL	WELDED SCHEDULE 40 BLACK STEEL	-

PIPE INSULATION SCHEDULE				
SYSTEM	PRODUCT MANUFACTURER	INSULATION THICKNESS		REMARKS
DOMESTIC HOT WATER AND HOT WATER RECIRCULATION PIPING, FITTINGS AND VALVES (105°F – 140°F)	JOHN MANVILLE MICRO-LOK HP OR APPROVED EQUAL. PROVIDE PVC COVERS ON ALL EXPOSED PIPING	LESS THAN 1-1/4" 1-1/2" TO 4"	- 1" - 1-1/2"	ALTERNATE PRODUCTS SHALL HAVE A CONDUCTIVITY OF 0.21-0.28 BTU-IN/(H-F-T ² -F). PROVIDE ALL EXPOSED PIPING WITH PVC PIPE COVERS
DOMESTIC COLD WATER PIPING, FITTINGS, AND VALVES (40°F – 60°F)	JOHN MANVILLE MICRO-LOK HP OR APPROVED EQUAL. PROVIDE PVC COVERS ON ALL EXPOSED PIPING	LESS THAN 1-1/4" 1-1/2" TO 4"	- 1/2" - 1"	ALTERNATE PRODUCTS SHALL HAVE A CONDUCTIVITY OF 0.21-0.27 BTU-IN/(H-F-T ² -F). PROVIDE ALL EXPOSED PIPING WITH PVC PIPE COVERS.
EXPOSED SANITARY, HOT WATER, AND COLD WATER PIPING BELOW LAVATORY'S AND SINKS	TRUEBRO – LAV GUARD2	RESILIENT MOLDED VINYL		ALTERNATE PRODUCTS SHALL BE SHALL COMPLY WITH ASME A112.8.9-2001 AND ADA ARTICLE 4.19.4

LP FIRED HOT WATER HEATER SCHEDULE										
UNIT #	LOCATION	GALLONS	RECOVERY RATE GPH (90° RISE)	GAS INPUT TYPE	THERMAL EFFICIENCY	ELECTRICAL			REMARKS	
						VOLTS	PHASE	AMPS		
	EXIST. MECH. ROOM	119	388	300 MBH LIQUID PROPANE	96%	120	1	2	AO SMITH BTH-300 MxI	PROVIDE UNIT WITH CONCENTRIC VENT KIT FOR DIRECT VENTING
NOTES:										
1. PROVIDE AMTROL IN LINE EXPANSION TANK SIZED PER MANUFACTURERS RECOMMENDATIONS.										
2. PROVIDE DIRECT VENTING IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. REFER TO MECHANICAL DRAWINGS FOR VENTING.										
3. DISCHARGE T&P RELIEF VALVE INDIRECTLY TO FLOOR IN EXISTING MECHANICAL AREA.										

PUMP SCHEDULE												
PUMP TAG	SERVICE LOCATION	FLUID	PUMP TYPE	GPM	HEAD FEET	BHP	MOTOR DATA				MANUFACTURER MODEL	REMARKS
							HP	VOLTS	PHASE	RPM		
P-1	120" HW RECIRC EXIST. MECH.	WATER	INLINE	2	8	-	1/40	120	1	3250	TACO O60 BC4	CONTROLLED BY AQUASTAT ON HOT RECIRC PIPE
P-2	140" HW RECIRC EXIST. MECH.	WATER	INLINE	2	8	-	1/40	120	1	3250	TACO O60 BC4	CONTROLLED BY AQUASTAT ON HOT RECIRC PIPE

DRAIN SCHEDULE										
UNIT TAG	DRAIN TYPE	MATERIAL	VARIATIONS	SIZE	TRAP	CONNECTION TYPE	VENT SIZE	STRAINER	MANUFACTURER	REMARKS
									MODEL	
FD-1	FLOOR	CAST IRON	MEDIUM DUTY	8 1/2"	3"	NO HUB	2"	MEDIUM DUTY	JAY R SMITH 2010C	NOTE 1
FS-1	FLOOR SINK	STAINLESS STEEL	MEDIUM DUTY	12"x12"	-	NO HUB	2"	DOME	JAY R SMITH 9694 (10")	COORDINATE GRATE MODEL WITH OWNER
AD-1	AREA DRAIN	STAINLESS STEEL	HEAVY DUTY	12"x12"	-	NO HUB	-	COORD. STRAINER	MIFAB F1440	COORDINATE FINISHES WITH ARCHITECT
TD-1	TRENCH DRAIN	STAINLESS STEEL	MEDIUM DUTY	8"x39.7"	-	NO HUB	-	COORD. WITH ARCHITECTURAL	MIFAB T200-PGA-3-SM	COORDINATE QTY. OF GRATES PRIOR TO PURCHASE, NOTE 2

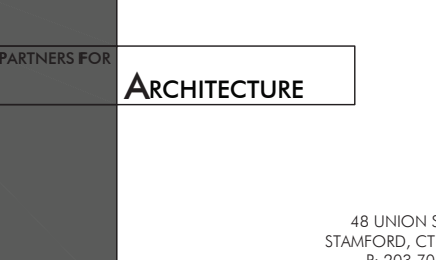
NOTES:

- PROVIDE WITH SUFFIX "-F37-F38" FOR USE AS FUNNEL FOR DRAINAGE IN NON-TRAFFIC AREAS WHERE SPECIFIED BY KITCHEN CONSULTANT.
- TRENCH DRAIN GRATE SHALL REPLACE EXISTING GRATE SYSTEM SERVING EXISTING TRENCH. COORDINATE INSTALLATION OF NEW GRATE WITH EXISTING TRENCH SYSTEM PRIOR TO PURCHASE AND INSTALLATION. TRENCH IS SPECIFIED AS CLASS A AND ADA COMPLIANT.

GREASE INTERCEPTOR SCHEDULE								
EQUIPMENT TAG	MANUFACTURER	ELECTRICAL DATA				GPM	GREASE CAPACITY	REMARKS
	MODEL	VOLTS	PHASE	WATTS	AMPS			
GT-1	ZURN Z1170 (700)	-	-	-	-	35	70 LBS	FLOOR MOUNTED. INSTALLED BELOW RELOCATED SINK, REPLACING EXISTING UNIT. PROVIDED WITH 3" INLET/OUTLET CONNECTIONS. (OR APPROVED EQUAL)

NOTES:

1. UNIT SHALL REPLACE EXISTING GREASE INTERCEPTOR SERVING SINK NEAR DISHWASHING AREA. UNIT TO BE USED AS PRETREATMENT PRIOR TO DISCHARGE BEING ROUTED TO FOG MAIN IN CEILING OF FLOOR BELOW. COORDINATE EXACT LOCATION, MAKE/MODEL WITH UNIT PRIOR TO PURCHASE AND INSTALLATION.



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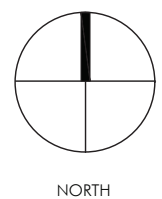
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OLD OAKS COUNTRY
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PROJECT ADDRESS

PLUMBING SCHEDULES

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