

EXPANSION TANK SCHEDULE							
UNIT NO.	DIAMETER (INCHES)	HEIGHT (INCHES)	VOLUME (GAL.)	ACCEPTANCE VOLUME (GAL.)	PRECHARGE (PSI)	MANUFACTURER / MODEL NO.	NOTES
ET-1	16	52.5	34.0	19.0	APPROX 80	TACO / PAX 130-150	1,2

NOTES:
1. POTABLE WATER.
2. SET PRECHARGE PRESSURE TO EQUAL SYSTEM STATIC PRESSURE.

WATER TEMPERING VALVES											
UNIT NO.	LOCATION	SERVES	MIN. FLOW (GPM)	FLOW (GPM)	PRES. DROP (PSIG)	TEMP. INLET (°F)	INLET SIZE	TEMP. OUTLET (°F)	OUTLET SIZE	MANUFACTURER / MODEL NO.	NOTES
PP-2	MECH ROOM	MAIN BLDG	1	246	10	140	1 1/4"	115	1 1/2"	LEONARD / TM-1520A-RFDT	1
TV-2	VARIOUS	P-6	3	23	10	115	3/4"	85	1"	LEONARD / TM-600-STSTL-EXP-TOP	2
TV-3	MECH ROOM	P-6A	2	4	10	115	1/2"	85	1/2"	LEONARD / TA-300-STSTL-EXP-TOP	2

NOTES:
1. INCLUDE LARGE & SMALL FLOW VALVES W/ HIGH TEMP STOPS, WALL SUPPORT, OUTLET BALL VALVE, INLET STOPS.
2. SURFACE MOUNT STAINLESS STEEL CABINET W/ TOP INLET & OUTLET.

PUMP SCHEDULE												
UNIT NO.	LOCATION	SERVES	TYPE	GPM	TOTAL HEAD (FT)	MOTOR DATA				MANUFACTURER / MODEL NO.	NOTES	
						H.P.	RPM	VOLT	PHASE			
PP-1	MECH ROOM	H/W RECIRCULATION	IN-LINE CIRC	5	5.0	0.03	3250	120	1	60	TACO / IL006	1
PP-2	MECH ROOM	H/W RECIRCULATION	IN-LINE CIRC	5	5.0	0.03	3250	120	1	60	TACO / IL006	1
PP-3	MECH ROOM	WH-3	IN-LINE CIRC	28	20.0	0.5	1750	120	1	60	TACO / 1611	2
PP-4	MECH ROOM	WH-4	IN-LINE CIRC	28	20.0	0.5	1750	120	1	60	TACO / 1611	2
SP-1	ELEVATOR 10	ELEVATOR SUMP	SUBMERSIBLE	36	20.0	0.5	1725	120	1	60	ZOELLER / 137	3
SP-2	LIFT	LIFT SUMP	SUBMERSIBLE	36	20.0	0.5	1725	120	1	60	ZOELLER / 137	3

NOTES:
1. BRONZE FITTED
2. PROVIDE 3-DUTY VALVE
3. AUTOMATIC OPERATION - ON POINT 10' - OFF POINT 2.75'

ROOF & FLOOR DRAIN SCHEDULE				
TAG	DESCRIPTION	MFR / MOD NO.	SIZE	NOTES
RD-1	ROOF DRAIN	ZURN / Z100	NOTED	1, 3
RD-2	ROOF DRAIN	ZURN / Z187	NOTED	1, 3
PS RD	PRIMARY / SECONDARY ROOF DRAIN	FRICET / 180CLP - OFS	NOTED	1
DC	DOWNSPOUT COVER	ZURN / Z195-DC	NOTED	
FD-1	12" DIA HEAVY DUTY FLOOR DRAIN	ZURN / Z512	NOTED	2
FD-2	6" x 6" STAINLESS STEEL SQUARE FLOOR DRAIN	ZURN / Z541SSS	NOTED	2
FD-3	7" ROUND MEDIUM DUTY FLOOR DRAIN	ZURN / Z507	NOTED	2
FD-4	8" x 8" STAINLESS STEEL SQUARE FLOOR DRAIN	ZURN / Z541SSS	NOTED	4

NOTES:
1. VERIFY DECK MATERIAL & MOUNTING REQUIREMENTS.
2. PROVIDE TRAP W/PRIMER CONNECTION.
3. PRIMARY (P) OR SECONDARY (S) AS INDICATED.
4. NO TRAP (STORM DRAIN)

AIRCRAFT POTABLE WATER CABINET												
UNIT NO.	DESCRIPTION	CABINET SIZE	MATERIAL	HOSE LENGTH	HOSE SIZE	HEATER CAPACITY	REVIND MOTOR	ELECTRICAL			MANUFACTURER / MODEL NO.	NOTES
								VOLT	PHASE	FLA		
HR-1	HOSE REEL IN CABINET	44.5"W x 45.125"H x 31.5"D	TYPE 304 S.S. DOUBLE WALL	200'	1"	1600 W	1/2 HP	120	1	21	GNV EQUIPMENT, LLC / 5292-4-200H	1,2

NOTES:
1. WALL MOUNTED.
2. PROVIDE W/ LIGHT, DOUBLE CHECK BACKFLOW PREVENTER, PRESSURE REGULATOR, PRESSURE GAUGE.

WATER HEATER SCHEDULE													
UNIT NO.	LOCATION	SERVES	TYPE	RATED INPUT		CAPACITY (GAL.)	D.O.E. RECOVERY RATE (GPH)	ELECTRICAL				MANUFACTURER / MODEL NO.	NOTES
				BTU / HR	GPH			VOLT	PHASE	HZ	KW		
WH-1	MECH ROOM	MAIN BUILDING	DUAL FUEL	650,000	4.6	212	654	120	1	60	BOCK / 200-650DF	1,2,3	
WH-2	MECH ROOM	MAIN BUILDING	DUAL FUEL	650,000	4.6	212	654	120	1	60	BOCK / 200-650DF	1,2,3	
WH-3	MECH ROOM	MAIN BUILDING	STORAGE TANK			119	637				SUPERSTOR ULTRA / SSU-119C	1	
WH-4	MECH ROOM	MAIN BUILDING	STORAGE TANK			119	637				SUPERSTOR ULTRA / SSU-119C	1	

NOTES:
1. SET TEMPERATURE @ 140° F.
2. DUAL FUEL - LIGHT OIL & NATURAL GAS.
3. PROVIDE REGULATOR FOR 2 PSIG GAS SUPPLY.

PLUMBING FIXTURE SCHEDULE														
UNIT NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	FINISH	SIZE	LOCATION	REMARKS	CARRIER	CW	HW	TW	S	V	
P-1	WATER CLOSET	AMERICAN STANDARD	AFWALL 3353.128	VITREOUS CHINA		PUBLIC AREA RESTROOMS	ELONGATED BOWL, BACK SPUD, COMMERCIAL TOILET SEAT MODEL # 5910.110	ZURN Z1203-N	1"			4"	2"	
	CONCEALED ELECTRONIC FLUSHOMETER	SLOAN OPTIMA	152-1.28 WB ES-S	STAINLESS STEEL			1.28 GPF, PROVIDE W/ ETF-223 PLUG-IN TRANSFORMER							
P-1A	WATER CLOSET (ADA)	AMERICAN STANDARD	AFWALL 3353.128	VITREOUS CHINA		PUBLIC AREA RESTROOMS & SINGLE OCCUPANCY TOILETS	ELONGATED BOWL, BACK SPUD, COMMERCIAL TOILET SEAT MODEL # 5910.110	ZURN Z1203-N-XB BARIATRIC 1000 LB	1"			4"	2"	
	CONCEALED ELECTRONIC FLUSHOMETER	SLOAN OPTIMA	152-1.28 WB ES-S	STAINLESS STEEL			1.28 GPF, PROVIDE W/ ETF-223 PLUG-IN TRANSFORMER							
P-2	URINAL	AMERICAN STANDARD	WASHBROOK FLOWISE 6515.005	VITREOUS CHINA		PUBLIC AREA RESTROOMS	BACK SPUD	ZURN Z1222	1"			2"	1 1/2"	
	CONCEALED ELECTRONIC FLUSHOMETER	SLOAN OPTIMA	195-0.5 WB ES-S	STAINLESS STEEL			0.5 GPF, PROVIDE W/ ETF-223 PLUG-IN TRANSFORMER							
P-2A	URINAL (ADA)	AMERICAN STANDARD	WASHBROOK FLOWISE 6515.005	VITREOUS CHINA		PUBLIC AREA RESTROOMS	BACK SPUD	ZURN Z1222	1"			2"	1 1/2"	
	CONCEALED ELECTRONIC FLUSHOMETER	SLOAN OPTIMA	195-0.5 WB ES-S	STAINLESS STEEL			0.5 GPF, PROVIDE W/ ETF-223 PLUG-IN TRANSFORMER							
P-3	LAVATORY	SPECIFIED UNDER SPEC SECTION 08650, SOLID POLYMER FABRICATIONS				PUBLIC AREA				1/2"	1/2"	1 1/2"	1 1/2"	
	ELECTRONIC FAUCET	SLOAN OPTIMA	ETF-610	CHROME			BOT THERMOSTATIC MIXING VALVE, ETF-223 PLUG-IN TRANSFORMER, 0.5 GPM							
P-3B	WALL HUNG LAVATORY (ADA)	AMERICAN STANDARD	356.041	WHITE		PUBLIC FAMILY ROOMS, SINGLE OCCUPANCY TOILETS		ZURN Z1231	1/2"	1/2"		1 1/2"	1 1/2"	
	ELECTRONIC FAUCET	SLOAN OPTIMA	ETF-610	CHROME			BOT THERMOSTATIC MIXING VALVE, ETF-223 PLUG-IN TRANSFORMER, 0.5 GPM							
P-4	JANITORIAL SERVICE SINK	ACORN	TSH-3624	TERRAZZO	36"Wx24"D x12"H	JANITORS CLOSET	W/ STAINLESS STEEL CAP			1/2"	1/2"		3"	1 1/2"
	WALL MOUNTED FAUCET	CHICAGO FAUCETS	5404LD97 SWXFCP	CHROME			WALL MOUNTED FAUCET, PAIL HOOK, THREADED SPOUT AND VACUUM BREAKER, PROVIDE CHECK VALVES IN HW & CW SUPPLIES.							
P-5	ELECTRONIC WATER COOLER (ADA)	ELKAY	ERPBM28K	STAINLESS STEEL	38 1/2"Wx40 13/16"H x12"D	PUBLIC AREAS			1/2"			1 1/2"	1 1/2"	
P-6	COMBINATION EMERGENCY SHOWER & EYE/FACE WASH	HAWS	8200			BAGGAGE HANDLING	PROVIDE ONE TV-2 FOR EACH P-6				1"			
P-6A	EMERGENCY EYEFACE WASH	HAWS	7261			MECHANICAL ROOM	PROVIDE ONE TV-3 FOR EACH P-6A				1/2"			
P-7	LOW THRESHOLD ONE PIECE SHOWER	AQUA GLASS	833941C	WHITE	39" x 42"	VIP AREA	PROVIDE ASSIST BARS AND FOLD DOWN SEAT			1/2"	1/2"	2"	1 1/2"	
	SHOWER MIXING VALVE	LEONARD	SS-PAM-204											
P-8	KITCHEN SINK	ELKAY	DLR252210	STAINLESS STEEL	25 1/2"Wx10"D	PANTRY & KITCHEN	W/ DRAIN FITTING, STRAINER & STOPPER							
	FAUCET	CHICAGO FAUCETS	201-AGN8A35 -317CP	CHROME			1.5GPM		1/2"	1/2"		2"	1 1/2"	
P-9	UTILITY SINK	SWANSTONE	MF-1F	VERITREK	22 7/8"Lx 23-3/8"W x14-1/8"D	MECHANICAL ROOM	PROVIDE WITH SWANSTONE CF-1000 FAUCET			1/2"	1/2"		2"	1 1/2"
HB	HOSE BIB	ZURN	Z1333	STAINLESS STEEL		PUBLIC AREA RESTROOMS					1/2"			
NFB	NON-FREEZE HOSE BIB	ZURN	Z1321	STAINLESS STEEL		EXTERIOR	VERIFY WALL THICKNESS FOR EACH LOCATION				3/4"			

SHEET NOTES

GENERAL NOTES

A SEE SHEET P00.00 FOR LEGEND AND GENERAL NOTES.

Portland International Jetport

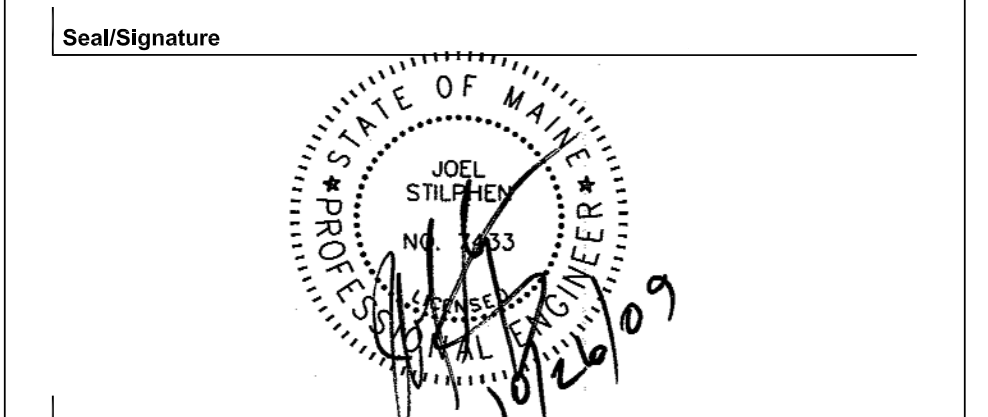
1001 Westbrook Street
Portland, Maine 04102

Gensler

oest ASSOCIATES, INC.
363 Graham Road, South Portland, ME 04106 P (207) 741-1770 F (207) 774-2466 www.oest.com
engineers • architects • surveyors • construction managers

2020 K Street, NW
Suite 200
Washington, DC 20006
Telephone 202.721.5200
Facsimile 202.872.8587

Issue	Date & Issue Description	By	Check
01	12/03/08	KLM	JS
02	01/23/09	CM	JS
02	10/26/09	PWZ	JS



Project Name
PJM Terminal Enhancement

Project Number
09-6395-000

CAD File Name
T:\6330\01\Sheets\P00.30.dwg

Description
PLUMBING SCHEDULES

Scale
NOT TO SCALE

P00.30

©2009 Gensler