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
TV-1	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.

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
P/S RD	PRIMARY / SECONDARY ROOF DRAIN	FROET / 100CLP - OFS	NOTED	1
DC	DOWNSPOUT COVER	ZURN / Z199-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 / ZS415SS	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 / ZS415SS	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)

PUMP SCHEDULE

UNIT NO.	LOCATION	SERVES	TYPE	GPM	TOTAL HEAD (FT)	MOTOR DATA					MANUFACTURER / MODEL NO.	NOTES
						H.P.	RPM	VOLT	PHASE	HZ		
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 8	ELEVATOR SUMP	SUBMERSIBLE	58	20.0	1.5	1725	208	1	60	ZOELLER / H186	8
SP-2	LIFT	LIFT SUMP	SUBMERSIBLE	36	20.0	0.5	1725	120	1	60	ZOELLER / 137	3
SP-3	ELEVATOR 4&5	ELEVATOR SUMP	SUBMERSIBLE	128	20.0	1.5	1725	208	1	60	ZOELLER / H188	8
LP-1	BAGGAGE MAKEUP	RM 1500	DUPLEX SUBMERSIBLE	80	20.0	0.5	3450	480	3	60	ZOELLER GX6161XX	4,5
LP-2	BAGGAGE SCREENING	RM 1506, CONCESSIONS 2523 & 2524	DUPLEX SUBMERSIBLE	80	20.0	0.5	3450	480	3	60	ZOELLER GX6161XX	4,6
LP-3	RESTROOM 1502A CLOSET	RESTROOM 1502A & CUSTODIAL 2513	DUPLEX SUBMERSIBLE	60	15.0	0.5	3450	480	3	60	ZOELLER G6282	4,7

NOTES:
1. BRONZE FITTED
2. PROVIDE 3-DUTY VALVE
3. AUTOMATIC OPERATION - ON POINT 10" - OFF POINT 2.75"
4. PROVIDE W/ DUPLEX CONTROL PANEL (NEMA 4X) INCLUDING PUMP ALTERNATOR, ELAPSED TIME METER, FLASHING HIGH WATER LIGHT W/ MAN RESET, 4 LEVEL FLOAT SWITCHES, CI CHECK VALVES, BALL VALVES, STAINLESS STEEL GUIDE RAILS W/ STAINLESS STEEL CABLES.
5. PROVIDE 96"DEEPx48" DIA PRECAST CONCRETE BASIN W/ H2O WHEEL LOADING GAS TIGHT COVER & ANTI FLOTATION RING.
6. PROVIDE 72"DEEPx36" DIA FIBERGLASS BASIN W/ STEEL GAS TIGHT HATCH & FIBERGLASS ANTI FLOTATION RING.
7. PROVIDE 48"DEEPx36" DIA FIBERGLASS BASIN W/ STEEL GAS TIGHT HATCH & FIBERGLASS ANTI FLOTATION RING
8. AUTOMATIC OPERATION - ON POINT 14.75" - OFF POINT 5.0"

AIRCRAFT POTABLE WATER CABINET

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

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

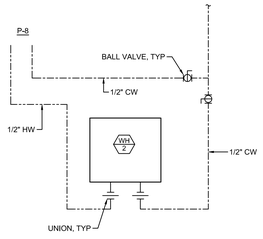
WATER HEATER SCHEDULE

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
WH-5	VARIOUS	SINK	POINT OF USE					208	1	60	7.1	BOSCH POWER STAR AE9.5	4

NOTES:
1. SET TEMPERATURE @ 140° F.
2. DUAL FUEL - LIGHT OIL & NATURAL GAS.
3. PROVIDE REGULATOR FOR 2 PSIG GAS SUPPLY.
4. SET TEMPERATURE @ 115° F

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 BARIATIC 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 06650, SOLID POLYMER FABRICATIONS				PUBLIC AREA			1/2"	1/2"		1 1/2"	1 1/2"
	ELECTRONIC FAUCET	SLOAN OPTIMA	ETF-610	CHROME			BDT THERMOSTATIC MIXING VALVE, ETF-223 PLUG-IN TRANSFORMER, 0.5 GPM						
P-3B	WALL HUNG LAVATORY (ADA)	AMERICAN STANDARD	356.421	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			BDT THERMOSTATIC MIXING VALVE, ETF-223 PLUG-IN TRANSFORMER, 0.5 GPM						
P-4	JANITORAL SERVICE SINK	ACORN	TSH-3624	TERRAZZO	36"Wx24"D x12"H	JANITOR'S CLOSET	W/ STAINLESS STEEL CAP		1/2"	1/2"		3"	1 1/2"
	WALL MOUNTED FAUCET	CHICAGO FAUCETS	540-LD897 SWXFCP	CHROME			WALL MOUNTED FAUCET, PAIL HOOK, THREADED SPOUT AND VACCUM BREAKER, PROVIDE CHECK VALVES IN HW & CW SUPPLIES						
P-5	ELECTRONIC WATER COOLER (ADA)	ELKAY	ERPBM28K	STAINLESS STEEL	38 1/2"Wx40 13/16"Hx 12"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 EYE/FACE WASH	HAWS	7261			MECHANICAL ROOM	PROVIDE ONE TV-3 FOR EACH P-6A				1/2"		
P-7	ACCESSIBLE SHOWER	LASCO	1603TSCB	WHITE	EXTERIOR: 60"Wx35"Dx78"H	ROOMS 1310 & 1311	PROVIDE COMPLETE WITH GRAB BARS, HAND-HELD SHOWER WITH SLIDE BAR, PRESSURE BALANCING SHOWER VALVE, CURTAIN ROD WITH CURTAIN.		1/2"	1/2"		2"	1 1/2"
P-8	KITCHEN SINK	ELKAY	DLR172210	STAINLESS STEEL	17"Lx 22"Wx10"D	PANTRY & KITCHEN	W/DRAIN FITTING, STRAINER & STOPPER						
	FAUCET	CHICAGO FAUCETS	210-AGN8AE35-317CP	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"
P-10	BOTTLE FILLING STATION	HALSEY TAYLOR	HTHB-8-NF	STAINLESS STEEL	19-3/4"Wx40-13/16"H x11"D	PUBLIC AREAS			1/2"			1 1/2"	1 1/2"
HB	HOSE BIB	ZURN	Z1333	STAINLESS STEEL		PUBLIC AREA RESTROOMS				1/2"			
NFHB	NON-FREEZE HOSE BIB	ZURN	Z1321	STAINLESS STEEL		EXTERIOR	VERIFY WALL THICKNESS FOR EACH LOCATION		3/4"				



DETAIL - POINT OF USE WATER HEATER 2
SCALE: NOT TO SCALE

PLUMBING SCHEDULES
SCALE: NOT TO SCALE

1

SHEET NOTES

GENERAL NOTES

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

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	02	01/23/09	CM	JS
		95% CONTRUCTION DOCUMENTS		
	03	10/26/09	PWZ	JS
		ISSUED FOR PERMIT		
2	04	11/12/09	PWZ	JS
		ADDENDUM #2		
3/B	05	3/9/2011	CAP	JS
		BULLETIN 79		
4/B	06	09/26/11	PWZ	JS
		BULLETIN 116		
5/A	07	09/01/11	PWZ	JS
		ISSUED FOR CONSTRUCTION		

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STATE OF MAINE
JAMES P. ZOLLER
No. 7433
LICENSED
PROFESSIONAL ENGINEER
9/1/11

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PWM Terminal Enhancement

Project Number
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Description
PLUMBING SCHEDULES

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