PLUMBING SYMBOLS & ABBREVIATIONS

EXTG. TO BE REMOVED	EXTG. TO REMAIN	NEW	ABV.	DESCRIPTION
			HW	HOT WATER PIPING
			CW	COLD WATER PIPING
EW	EW	W	W	SANITARY WASTE PIPING
EW	EW	W	W	UNDER SLAB SANITARY WASTE PIPING
			V	VENT PIPING
		IW	IW	INDIRECT WASTE
ECD	ECD	CD	CD	CONDENSATE DRAIN
		IWV	V	INDIRECT WASTE VENT
ERW	ERW	RW	RW	RAINWATER PIPING
ERW	ERW	RW	RW	UNDER SLAB RAINWATER PIPING
		RWO	RWO	RAINWATER OVERFLOW PIPING
		CA	CA	N.G. WATER HEATER COMBUSTION AIR
		EA	EA	N.G. WATER HEATER EXHAUST AIR
		CA/EA	CA/EA	COMBUSTION AIR & EXHAUST AIT (INDIVUDAL PIPE RUN PARALELL)
				PIPE TURNING UP
				PIPE TURNING DOWN
EFCO	EFCO	FCO		FLOOR CLEANOUT
ECO	ECO	CO		WALL OR END OF LINE CLEANOUT
WC-R	WC-E	WC-1		FIXTURE NUMBER - REFER TO PLUMBING FIXTURE SCHEDULE
FD-R	FD-E	FD		FLOOR DRAIN
RD-R	RD-E	RD		ROOF DRAIN
R	E			SHUT-OFF VALVE
R	E			BALANCING VALVE
R	E			CHECK VALVE
R	E			BACKWATER VALVE
				PIPE CAP
				THERMOMETER
				PRESSURE GAUGE
		1		TECHNICAL NOTE- APPLIES ONLY TO SHEET IN WHICH IT APPEARS.
		2		HEAT TRACE ORIGIN OR END POINT - AS INDICATED NUMBER INDICATES HEAT TRACE ZONE
		TP-1		TRAP PRIMER
			ORD	COMBINATION ROOF DRAIN & OVERFLOW ROOF DRAIN
			CTE	CONNECT TO EXTG.
			MV-XX	MIXING VALVE
			P-XX	RECIRCULATION PUMP
			SP-XX	SUMP PUMP
		DU		TRAP PRIMER DISTRIBUTION UNIT
			PRV	PRESSURE REDUCUNG VALVE
		0		FOOD SERVICE EQUIPMENT TAG - REFER TO FOOD SERVICE EQUIPMENT DRAWINGS

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	HW	CW	TRAP	WASTE	VENT	MOUNTING HEIGHT	NOTES
WC-1	ADA WALL MOUNTED WATER CLOSET	-	1"	-	3"	2"	17"	SENSOR, DUAL-FLUSH, MANUAL OVERRIDE
WC-2	WALL MOUNTED WATER CLOSET	-	1"	-	3"	2"	15"	SENSOR, DUAL-FLUSH, MANUAL OVERRIDE
UR-1	ADA URINAL	-	1/2"	2"	2"	1-1/2"	17	SENSOR 1/8 GPF, MANUAL OVERRIDE
UR-2	URINAL	-	1/2"	2"	2"	1-1/2"	24"	SENSOR 1/8 GPF, MANUAL OVERRIDE
LAV-1	ADA 1-STATION LAVATORY	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	33 1/2"	METERING FAUCET, SOLID SURFACE, SEE ARCH
LAV-2	ADA 2-STATION LAVATORY	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	33 1/2"	METERING FAUCET, SOLID SURFACE, SEE ARCH
LAV-3	ADA 3-STATION LAVATORY	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	33 1/2"	METERING FAUCET, SOLID SURFACE, SEE ARCH
SK-1	ADA GREEN ROOM SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	34"	MANUAL MXING FAUCET
SK-2	ADA STAFF LOUNGE SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	34"	MANUAL MXING FAUCET
SK-3	BAR SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"		MANUAL MXING FAUCET
SH-1	ADA SHOWER	1/2"	1/2"	2"	2"	1-1/2"		MODULAR FIBERGLASS W/INTEGRAL TRENCH DRAIN
MR-1	MOP RECEPTOR	1/2"	1/2"	3"	3"	2"		SEE DETAIL A1/PL503
EE-1	DRENCH HOSE EMERGENCY EYEWASH	1/2"	1/2"	-	-	-		MIXING VALVE, TEMPERED WATER, SEE DETAIL E9/PL503
FD-1	FLOOR DRAIN	-	-	2"	2"	1-1/2"		BACKWATER VALVE
FD-2	FLOOR DRAIN	-	-	2"	2"	1-1/2"		
FS-1	FLOOR SINK	-	-	3"	3"	2"		KITCHEN/BAR AREAS, 1/2 GRATE
WB-1	ICEMAKER WALL BOX		1/2"	-	-	-	48"	
HB-1	HOSE BIBB	-	1/2"	-	-	-	24"	REMOVABLE HANDLE
WH-1	WALL HYDRANT	-	1/2"	-	-	-	24" AFG	

DOMESTIC WATER HEATER SCHEDULE

TAG	SERVES	TYPE	MODEL	STORAGE	RECOVERY @ ˚F RISE.	WATER SUPPLY TEMP.	ELECTRICAL				NATURAL GAS	WATER DESIGN FLOW	QTY. OF HEATING MODULES	RATED EFF.	SHIPPING WEIGHT	NOTES
				GAL	GPH	DEG. F	KW	VOLT	PHASE	AMPS	BTU'S MIN/MAX	GPM/GPH		%	LBS.	
DWH-1	KITCHEN	GAS INSTANTANEOUS	C199i-TRW02	REMOTE 119	7.6 @ 100˚F	140	1	120	1	8	15,200 / 398,000	8.1 / 395	2	96	380	3,4,5
DWH-2	FACILITY	GAS INSTANTANEOUS	C199i-TRW02	REMOTE 80	10.8 @ 70˚F	140	1	120	1	8	15,200 / 398,000	24.9 / 415	2	96	380	3,4,5
DWH-3	WOMENS 205	ELECTRIC, POINT-OF-USE	RTE13	N/A	SEE NOTES	105	13	208	1	54	N/A	N/A	N/A	N/A	8	1,2
DWH-4	JAN 207, BAR 203, MENS 204	ELECTRIC, STORAGE	EGSP20	20	30	120	6	208	1	28.8	N/A	N/A	N/A	N/A	70	1

DOMESTIC WATER HEATER SCHEDULE NOTES:
1. BASED ON RHEEM
2. BASED ON 65F TEMPERATURE RISE, 105F HW OUTLET TEMPERATURE
3. BASED ON RINNAI PACKAGED WATER HEATERS
4. CVENT 8" COMMON VENT EXHAUST HEADER, ROOF TERMINATION KIT, & PVC INTAKE AIR KIT
5. CONDENSATE NEUTRALIZER KIT

GREASE INTERCEPTOR SCHEDULE

TAG	SERVES	MODEL	INTERNAL FLOW CAPACITY (GPM)	TANK STORAGE CAPACITY (GAL.)	TANK GREASE CAPACITY (LBS)	TANK SOLIDS CAPACITY (GAL)	INLET/OUTLET CONNECTION SIZES	VENT PORT SIZES	PUMPOUT PORT SIZE	TANK DIMENSIONS L X W X H	SHIPPING WEIGHT (LBS)	NOTES
GI-1	KITCHEN 102	GB-250	100	250	1,076	105	4" NPT	4"	6"	68" X 33.5" X 51.5"	230	1,2,3

GREASE INTERCEPTOR SCHEDULE NOTES:
1. BASED SCHIER PRODUCTS "GREAT BASIN"
2. (2) 24.5" REMOVABLE COMPOSITE COVERS
3. BUILT-IN FLOW CONTROL, INTERNAL AIR RELIEF, ANTI-SIPHON, & SAMPLING ACCESS

MIXING VALVE SCHEDULE

TAG	SERVES	MIN. FLOW GPM	DESIGN FLOW GPM	OUTLET TEMP SETPOINT DEG. F.	INLET DIA. SIZE	OUTLET PIPE SIZE	RETURN PIPE SIZE	MODEL NUMBER	NOTES
MV-1	FACILITY DOMESTIC H.W.	1	32	120	1 1/4"	1 1/2"	1"	5NB-LC	1,2,3
MV-2	KITCHEN 102 HAND SINK	0.25	0.5	120	3/8"	3/8"	3/8"	170-LF	1,3

MIXING VALVE SCHEDULE NOTES:
1. BASED ON LEONARD VALVE COMPANY
2. PROVIDE VALVE ASSEMBLY ON PREFABRICATED STRUT ASSEMBLY FOR WALL MOUNTING
3. PROVIDE WALL MOUNTING BRACKET

PLUMBING PUMP SCHEDULE

TAG	SERVES	MODEL	TYPE	GPM	HEAD	ELECTRICAL			NOTES
					FT	HP	VOLT	PHASE	
SP-1	ELEVATOR PIT	SE-50	SUBMERSIBLE	50	20	1/2	115	1	1,2
HWP-1	MECH 034 - KITCHEN...	2400-50S-3P	SS...	10	40	1/2	115	1	3,4
HWP-2	MECH 034 - KITCHEN 102-HW RECIRC	007-SF5	SS...	3	8	1/25	115	1	3,4
HWP-3	JAN 040 BUILDING - HW RECIRC	007-SF5	SS...	3	10	1/25	115	1	3,4
HWP-4	BAR 203, MENS 204, Jan 207 HWR	003-ST4	SS...	1	2	1/40	115	1	3,4

PLUMBING PUMP SCHEDULE NOTES:
1. BASED ON STANCOR
2. PROVIDE OIL-MINDER CONTROL SYSTEM
3. BASED ON TACO
4. STAINLESS STEEL CONSTRUCTION

TRAP PRIMER SCHEDULE

TAG	MODEL	INLET SIZE	MANIFOLD		ELEC.	MOUNTING	NOTES
			OUTLETS	CONNECTION			
TP-1	Z1022	1/2"	1-4	1/2"	N/A	INLINE	1,2
TP-2	NOT USED	-	-	-	-	-	-
TP-3	Z1020-10	1/2"	10	1/2"	120/1/60	SURFACE	1, 2,3

TRAP PRIMER SCHEDULE NOTES:
1. BASED ON ZURN
2. WALL MOUNTED ABOVE CEILING
3. PROVIDE WITH TRANSFORMER, (120V/24VAC, 1-AMP FUSE), BALL VALVE, & VACUUM BREAKER

THERMAL EXPANSION TANK SCHEDULE

TAG	SERVES	MODEL	TANK			MOUNTING	HW TEMP (˚F)	ASME PSIG	ACCEPTANCE VOLUME (GAL.)	NOTES
			VOLUME (GAL.)	DIAMETER (IN.)	HEIGHT (IN.)					
PXT-1	DWH-1 (KITCHEN)	ST-12C	6.4	12	14	PIPE	140	150		1
PXT-2	DWH-2 (FACILITY)	ST-12C	6.4	12	14	PIPE	120	150	17	3.2
PXT-3	NOT USED	--	--	--	--	--	--	--	--	--
PXT-4	DWH-4 (JAN 207, BAR 203, MENS 204)	ST-5-C	2.1	10"	10 3/8	PIPE	120	150	0.9	1

THERMAL EXPANSION TANK SCHEDULE NOTES:
1. BASED ON AMTROL

DOMESTIC HOT WATER STORAGE TANK SCHEDULE

TAG	SERVES	MODEL	STORAGE CAPACITY (GAL.)	TANK MATERIAL	TANK INSULATION THICKENSS	INLET/OUTLET CONNECTION SIZES	TANK DIMENSIONS HEIGHT X DIA.	SHIPPING WEIGHT (LBS)	NOTES
HWT-1	KITCHEN 102	SSU-119CB	119	STAINLESS STEEL	2" FOAM	1 1/2" NPT	73.25" X 27"	178	1
HWT-2	FACILITY	SSU-80CB	80	STAINLESS STEEL	2" FOAM	3/4" NPT	72" X 23.25"	129	1

DOMESTIC HOT WATER STORAGE TANK SCHEDULE NOTES:
1. BASED ON HTP "SUPERSTOR ULTRA STORAGE TANKS"

REV.	DESCRIPTION	DATE
0	ISSUED FOR BID	06 JUNE 2016

STATE OF MAINE DANIEL C. JONES 9977 LICENSED PROFESSIONAL ENGINEER 06.06.16

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PROJECT: ASYLUM

SHEET TITLE: PLUMBING SCHEDULES

WBRC CAD FILE: 407110 - ASYLUM DANCE CLUB - MECH.RVT

PROJECT No. 4071.10

GRAPHIC SCALE 0" 1"

SCALE: AS INDICATED

PROJECT MANAGER: JRB

DRAWN BY: CGB

CHECKED BY: DMON

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