

AIR DOOR SCHEDULE																					
UNIT NO.	LOCATION	LENGTH (FT)	WEIGHT (LB)	AIR FLOW (CFM)	MOTOR FAN DATA							HEATING COIL					ORIENTATION	MANUFACTURER AND MODEL NUMBER	NOTE		
					QTY.	HP	VOLT	PH	AMPS	DRIVE	POSITION	OUTPUT (MBH)	FLOW (GPM)	EXT 'F	LWT 'F	ROWS (R)				δS (FT)	CONNECTION SIDE
AD-1	LEVEL 4 EXIT TO GARAGE	8	680	8920	1	5	460	3	7.9	DIRECT	CENTER	385	21.2	200	160	2	0.8	LEFT	HORIZONTAL	BERNER CFA1096W	1

NOTE:
1. PROVIDE REMOTE MOUNTED HOA DISCONNECT SWITCH

COLD STORAGE REFRIGERATION UNIT SCHEDULE									
UNIT NO.	LOCATION	CAPACITY (BTU/H)	ELECTRICAL DATA			HP	MANUFACTURER AND MODEL NUMBER	NOTES	
			VOLTS	PHASE	CYCLE				
E-1	COLD STORAGE RM 1530	26	115	1	60	(4) x 1/15	TRENTON TPA26MAS1BR2	1,2	
CU-1	LEVEL 2 RECYCLING AREA	26	208	3	60	3	TRENTON TEHA030M2HT3	3,4	

NOTES:
1. R-22 REFRIGERANT
2. AIR DEFROST
3. FURNISH W/ SUCTION LINE ACCUMULATOR
4. FURNISH W/ SUCTION TO LIQUID HEAT EXCHANGER

RADIANT FLR & SNOW MELT MANIFOLD SCHEDULE									
UNIT NO.	LOOPS	MBH	GPM	EWT	WTD	SERVICE	APPROX SQ. FT SERVED	NOTE	
LEVEL 1 - ZONE 3									
1-3-01	8	45	6.1	110	15	FLOOR HEATING	3000	1	
1-3-02	8	130	14	120	20	SNOW MELTING	850	1	
LEVEL 1 - ZONE 4									
1-4-01	8	45	6.1	110	15	FLOOR HEATING	2425	1	
1-4-02	8	45	6.1	110	15	FLOOR HEATING	3000	1	
1-4-03	8	45	6.1	110	15	FLOOR HEATING	2625	1	
1-4-04	8	45	6.1	110	15	FLOOR HEATING	2900	1	
1-4-05	8	45	6.1	110	15	FLOOR HEATING	2920	1	
1-4-06	8	130	14	120	20	SNOW MELTING	850	1	
LEVEL 1 - ZONE 5									
1-5-01	8	45	6.1	110	15	FLOOR HEATING	2275	1	
LEVEL 2 - ZONE 4									
2-4-01	8	45	6.1	110	15	FLOOR HEATING	2275	1	
LEVEL 2 - ZONE 5									
2-5-01	8	45	6.1	110	15	FLOOR HEATING	2750	1	
2-5-02	8	45	6.1	110	15	FLOOR HEATING	1325	1	
2-5-03	4	100	9.0	120	20	SNOW MELTING	500	1	
2-5-05	8	45	6.1	110	15	FLOOR HEATING	2820	1	
2-5-06	8	45	6.1	110	15	FLOOR HEATING	2790	1	
2-5-08	8	45	6.1	110	15	FLOOR HEATING	2650	1	
2-5-09	8	45	6.1	110	15	FLOOR HEATING	780	1	
2-5-10	2	50	5.3	120	20	SNOW MELTING	250	1	
2-5-11	2	50	5.3	120	20	SNOW MELTING	250	1	
2-5-12	2	50	5.3	120	20	SNOW MELTING	250	1	
2-5-13	10	203	21.6	120	20	SNOW MELTING	1350	1	
LEVEL 3 - ZONE 4									
3-4-01	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-4-02	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-4-03	8	45	6.1	110	15	FLOOR HEATING	3000	1	
LEVEL 3 - ZONE 5									
3-5-01	8	45	6.1	110	15	FLOOR HEATING	1030	1	
3-5-02	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-5-03	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-5-04	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-5-05	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-5-06	8	45	6.1	110	15	FLOOR HEATING	3000	1,2	
3-5-07	8	45	6.1	110	15	FLOOR HEATING	1725	1	
LEVEL 4 - ZONE 5									
4-5-01	8	45	6.1	110	15	FLOOR HEATING	1650	1	
4-5-02	8	45	6.1	110	15	FLOOR HEATING	3000	1	
4-5-03	8	45	6.1	110	15	FLOOR HEATING	3000	1	
4-5-04	8	45	6.1	110	15	FLOOR HEATING	3000	1	
4-5-05	8	45	6.1	110	15	FLOOR HEATING	2250	1	
LEVEL 4 - ZONE 6									
4-6-01	8	45	6.1	110	15	FLOOR HEATING	2700	1	
4-6-02	8	45	6.1	110	15	FLOOR HEATING	2600	1	
4-6-03	8	45	6.1	110	15	FLOOR HEATING	2600	1	
4-6-04	8	45	6.1	110	15	FLOOR HEATING	3000	1	
4-6-05	3	55	5.9	120	20	SNOW MELTING	275	1	
4-6-06	3	55	5.9	120	20	SNOW MELTING	275	1	

NOTE:
1. BASIS OF DESIGN SHALL BE 5/8" PEX TUBING ON 12" CENTERS MAXIMUM LENGTH 300 FEET PER LOOP FOR FLOOR HEATING AND 8/8" PEX TUBING ON 6" CENTERS MAXIMUM LENGTH 250 FEET PER LOOP FOR SNOW MELTING. LOCATE TUBING IN SLAB PER PLANS. SNOW MELT FLUID SHALL BE 35% PROPYLENE GLYCOL AND 65% WATER.
2. PROVIDE & INSTALL MANIFOLD WITH STAINLESS STEEL ENCLOSURE.

DUCTLESS SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE																	
UNIT NO.	SERVES	SUPPLY CFM	BTUH	DX COOLING UNIT DATA				REFRIGERANT				ELECTRICAL DATA			MANUFACTURER AND MODEL NO		NOTES
				LOW AMBIENT	FILTER TYPE	SEER	TYPE	LINE SIZES (IN)		VOLTS	PH	HERTZ	OCP	INDOOR UNIT	OUTDOOR UNIT		
								SUCTION	LIQUID								
DSF-1DS-C1	IDF 1512	425	12,000	0°F	THROWAWAY	13.8	R-410A	1/2	1/4	208/230	1	60	15 A	MITSUBISHI ELECTRIC PKA-A12GAL	MITSUBISHI ELECTRIC PUY-A12NHA	1,2,3	
DSF-2DS-C2	MDF 2518	425	12,000	0°F	THROWAWAY	13.8	R-410A	1/2	1/4	208/230	1	60	15 A	MITSUBISHI ELECTRIC PKA-A12GAL	MITSUBISHI ELECTRIC PUY-A12NHA	1,2,3	
DSF-3DS-C3	IDF 3508	425	12,000	0°F	THROWAWAY	13.8	R-410A	1/2	1/4	208/230	1	60	15 A	MITSUBISHI ELECTRIC PKA-A12GAL	MITSUBISHI ELECTRIC PUY-A12NHA	1,2,3	

NOTES:
1. PROVIDE WITH CONDENSER UNIT WIND BAFFLE. 2. FURNISH LITTLE GIANT CONDENSATE PUMP MODEL NO VCC-20ULS-554200 AND LOCATE BELOW INDOOR UNIT. PIPE DRAIN LINE FROM PUMP DISCHARGE AND ARRANGE TO DISCHARGE PIPE TO NEAREST JANITORS SINK.
3. ARRANGE EQUIPMENT AS EMERGENCY BACKUP COOLING SYSTEM WITH A SPACE TEMPERATURE SETPOINT OF 80 DEG F. PROVIDE WIRELESS CONTROLLER.

ELECTRIC WALL HEATER SCHEDULE														
UNIT NO.	LOCATION	OUTPUT BTUH	AIR DATA			ELECTRICAL DATA			MOTOR DATA		TYPE	MANUFACTURER AND MODEL NUMBER	NOTES	
			CFM	ENT 'F	LVG 'F	WATTS	VOLTS	PHASE	CYCLE	HP				RPM
EW-H-1	MAIN ELEC ROOM 1511	6800	100	40	103	2000	208	1	60	0.05	1750	WALL	Q-MARK AWWG4408	1
EW-H-2	GENERATOR ROOM	6800	100	40	103	2000	208	1	60	0.05	1750	WALL	Q-MARK AWWG4408	1

NOTES:
1. FURNISH WITH INTEGRAL CONCEALED THERMOSTAT

UNIT NO.	WATER SIDE					WATER/GLYCOL SIDE					MANUFACTURER AND MODEL NO	NOTES
	GPM	EWT	LWT	MBH	MAX PD (FT)	GPM	EWT	LWT	% ANTIFREEZE	MAX PD (FT)		
HX 1-3-02	9	180	150	130	3	14	100	120	35% PROPYLENE	3	TACO TFP5X12-50 (1-1/4" MPT)	1
HX 1-4-06	9	180	150	130	3	14	100	120	35% PROPYLENE	3	TACO TFP5X12-50 (1-1/4" MPT)	1
HX 2-5-03	7	180	150	100	3	11	100	120	35% PROPYLENE	3	TACO TFP5X12-40 (1-1/4" MPT)	1
HX 2-5-10	3	180	150	50	3	5	100	120	35% PROPYLENE	3	TACO TFP5X12L-8 (3/4" MPT)	1
HX 2-5-11	3	180	150	50	3	5	100	120	35% PROPYLENE	3	TACO TFP5X12L-8 (3/4" MPT)	1
HX 2-5-12	3	180	150	50	3	5	100	120	35% PROPYLENE	3	TACO TFP5X12L-8 (3/4" MPT)	1
HX 2-5-13	14	180	150	203	3	22	100	120	35% PROPYLENE	3	TACO TFP5X12-90 (1-1/4" MPT)	1
HX 4-5-05	4	180	150	55	3	6	100	120	35% PROPYLENE	3	TACO TFP5X12-20 (1" MPT)	1
HX 4-6-06	4	180	150	55	3	6	100	120	35% PROPYLENE	3	TACO TFP5X12-20 (1" MPT)	1

NOTES: 1. SUPPORT HEAT EXCHANGER FROM UNISTRUT BRACKETS FASTENED TO WALL. COORDINATE EXCHANGER LOCATION WITH OTHER EQUIPMENT FOR EASY MAINTENANCE ACCESS.

SHEET NOTES

GENERAL NOTES

A SEE SHEET M00.00 FOR LEGEND AND GENERAL NOTES.

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Issue	Date & Issue Description	By	Check
01	01/23/09	PWZ	RHB
02	10/26/09	PWZ	RHB

Project Name: PWM Terminal Enhancement
Project Number: 09-6395-000
CAD File Name: T:\6330\101\Sheets\M00.32.dwg
Description: MECHANICAL SCHEDULES
Scale: 1/4" = 1'-0"

M00.32
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