

AIR HANDLING UNIT SCHEDULE																																	
GENERAL			MECHANICAL																				ELECTRICAL										
EQUIP. NO.	LOCATION	APPLICATION	COOLING COIL	ECONOMIZER (Y/N)	HEATING COIL	FACE & BYPASS DAMPERS (Y/N)	MIN OA CFM	FILTERS	BLENDER	HUMIDIFIER	MECH. NOTES	FAN SERVICE	CFM	EXT SP (IN)	WHEEL TYPE	WHEEL DIA (IN)	BLADE TYPE	VAV CONTROL	MAX FAN RPM	CLASS	BHP	QTY	MANUF.	MODEL NO.	HP OR LOAD	VOLTAGE & PHASE	CONTROLLER			SAFETY SWITCH AT UNIT	POWER SOURCE	FEED/CONDUIT SIZE	NOTES
																											PROVIDED BY	SIZE	LOCATION				
AHU-01	159 - MECHANICAL	HEATING/ COOLING	CC-01	Y	HC-01	Y	5,490	F-01 F-02	BL-01	H-01	1	SUPPLY	15,500	2.00	CENTRIFUGAL PLENUM	33	AIRFOIL	YES	1620	2	18.30	1	MCQUAY	CAH038GDDM	25	460/3	DIV. 23	VFD	AT UNIT	60A/3P	114-EQ1-1 #7,9,11	1" C-3#8 & 1#8 GRD	1
												RETURN	15,500	1.50	CENTRIFUGAL DWDI	24.5	AIRFOIL	YES	2199	2	8.11	1			10	460/3	DIV. 23	VFD	AT UNIT	30A/3P	114-EQ1-1 #13,15,17	3/4" C-3#10 & 1#10 GRD	1
												NOTE 1: VFD PROVIDED BY DIVISION 23, INSTALLED AND WIRED BY DIVISION 26.																					

WATER TO WATER HEAT PUMP SCHEDULE																														
GENERAL		MECHANICAL																	ELECTRICAL											
EQUIP. NO.	LOCATION	HEATING					COOLING					LOAD GPM	LOAD WPD (PSIG)	LOAD PROPYLENE GLYCOL %	SOURCE GPM	SOURCE WPD (PSIG)	SOURCE PROPYLENE GLYCOL %	COP HEATING	MANUF.	MODEL NO.	MECH. NOTES	MCA	VOLTAGE & PHASE	CONTROLLER			SAFETY SWITCH AT SWITCH	POWER SOURCE	FEED/CONDUIT SIZE	NOTES
		LOAD WATER		SOURCE WATER			LOAD WATER		SOURCE WATER															PROVIDED BY	SIZE	LOCATION				
		EWT (F)	LWT (F)	EWT (F)	LWT (F)	TOTAL CAP (MBH)	EWT (F)	LWT (F)	EWT (F)	LWT (F)	TOTAL CAP (MBH)																			
WWHP-01	159 - MECHANICAL	100	120	30	20	287	54	42	75	85	467	65.5	5.0	0	98.3	5.7	20	2.84	CLIMA COOL	UCH030AF ASARBOS	-	57.4	460/3	INTEGRAL	INTEGRAL	INTEGRAL	100A/3P FUSED AT 70A	114-EQ1-1 #2,4,6	1" C-3#6 & #8 GRD	-
WWHP-02	159 - MECHANICAL	100	120	30	20	287	54	42	75	85	467	65.5	5.0	0	98.3	5.7	20	2.84	CLIMA COOL	UCH030AF ASARBOS	-	57.4	460/3	INTEGRAL	INTEGRAL	INTEGRAL	100A/3P FUSED AT 70A	114-EQ1-1#8,10,12	1" C-3#6 & #8 GRD	-
WWHP-03	159 - MECHANICAL	100	120	30	20	287	54	42	75	85	467	65.5	5.0	0	98.3	5.7	20	2.84	CLIMA COOL	UCH030AF ASARBOS	-	57.4	460/3	INTEGRAL	INTEGRAL	INTEGRAL	100A/3P FUSED AT 70A	114-EQ1-1#14,16,18	1" C-3#6 & #8 GRD	-
WWHP-04	159 - MECHANICAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
WWHP-05	159 - MECHANICAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
WWHP-06	159 - MECHANICAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
NOTE 1: FUTURE WATER TO WATER HEAT PUMP.																														

POWER ROOF VENTILATOR SCHEDULE																			
GENERAL		MECHANICAL							ELECTRICAL										
EQUIP. NO.	SERVICE	TYPE	CFM	EXT SP (IN)	FAN RPM	MANUF.	MODEL NO.	MECH. NOTES	HP OR LOAD	VOLTAGE & PHASE	CONTROLLER		LOCATION	SAFETY SWITCH AT UNIT	POWER SOURCE	FEED/CONDUIT SIZE	NOTES		
											PROVIDED BY	SIZE							
PRV-01	EXHAUST	CENTRIFUGAL ROOF	1,840	1.5	1,636	GREENHECK	GB-141-10	1	1	208/3	DIV. 26	NEMA 00	ELEC. ROOM	WP 30A/3P	114-L1-3 #7,9,11	1/2"C-3#12 & 1#12 GRD	-		
PRV-02	EXHAUST	CENTRIFUGAL ROOF	1,665	1.5	1,593	GREENHECK	GB-141-7	1	3/4	208/3	DIV. 26	NEMA 00	ELEC. ROOM	WP 30A/3P	114-L1-3 #8,10,12	1/2"C-3#12 & 1#12 GRD	-		
PRV-03	EXHAUST	CENTRIFUGAL ROOF	500	0.75	1,535	GREENHECK	GB-081-6	1	1/6	120/1	-	-	-	MMS	114-L1-3 #15	1/2"C-3#12 & 1#12 GRD	-		
NOTE 1: PROVIDE 18" CURB.																			

PUMP SCHEDULE																				
GENERAL			MECHANICAL										ELECTRICAL							
EQUIP. NO.	LOCATION	APPLICATION	TYPE	GPM	TOTAL DISCHARGE HEAD (FT)	MOTOR RPM	% GLYCOL	SUCTION SIZE (IN)	MANUF.	MODEL NO.	MECH. NOTES	HP OR LOAD	VOLTAGE & PHASE	CONTROLLER		LOCATION	SAFETY SWITCH AT UNIT	POWER SOURCE	FEED/CONDUIT SIZE	NOTES
														PROVIDED BY	SIZE					
PHWP-01	159 - MECHANICAL	PRIMARY HEATING WATER PUMP	BASE MOUNT	90	30	1150	0	2.5	B & G	1510 2BC	-	2	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #1,3,5	1/2"C-3#12 & 1#12 GRD	-
PHWP-02	159 - MECHANICAL	PRIMARY HEATING WATER PUMP (STAND BY)	BASE MOUNT	90	30	1150	0	2.5	B & G	1510 2BC	-	2	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #2,4,6	1/2"C-3#12 & 1#12 GRD	-
PHWP-03	159 - MECHANICAL	PRIMARY HEATING WATER PUMP (FUTURE STAND BY)	BASE MOUNT	-	-	-	-	-	-	-	1	-	-	FUTURE	FUTURE	MECH ROOM	FUTURE	FUTURE	FUTURE	-
SHWP-01	159 - MECHANICAL	SECONDARY HEATING WATER PUMP	INLINE	40	50	1750	0	2	B & G	80 2x2x7	-	2	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-1 #19,21,23	1/2"C-3#12 & 1#12 GRD	-
SHWP-02	159 - MECHANICAL	SECONDARY HEATING WATER PUMP (STAND BY)	INLINE	40	50	1750	0	2	B & G	80 2x2x7	-	2	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-1 #25,227,29	1/2"C-3#12 & 1#12 GRD	-
SHWP-03	159 - MECHANICAL	SECONDARY HEATING WATER PUMP	BASE MOUNT	110	85	1750	0	2	B & G	1510 1-1/2BC	-	5	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #7,9,11	1/2"C-3#12 & 1#12 GRD	-
SHWP-04	159 - MECHANICAL	SECONDARY HEATING WATER PUMP (STAND BY)	BASE MOUNT	110	85	1750	0	2	B & G	1510 1-1/2BC	-	5	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #8,10,12	1/2"C-3#12 & 1#12 GRD	-
SHWP-05	159 - MECHANICAL	SECONDARY HEATING WATER PUMP (FUTURE STAND BY)	BASE MOUNT	-	-	-	-	-	-	-	1	-	-	FUTURE	FUTURE	MECH ROOM	FUTURE	FUTURE	FUTURE	-
CHWP-01	159 - MECHANICAL	CHILLED WATER PUMP	BASE MOUNT	200	70	1750	0	3	B & G	1510 2-1/2BB	-	7.5	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #13,15,17	1/2"C-3#12 & 1#12 GRD	-
CHWP-02	159 - MECHANICAL	CHILLED WATER PUMP (STAND BY)	BASE MOUNT	200	70	1750	0	3	B & G	1510 2-1/2BB	-	7.5	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #14,16,18	1/2"C-3#12 & 1#12 GRD	-
CHWP-03	159 - MECHANICAL	CHILLED WATER PUMP (FUTURE STAND BY)	BASE MOUNT	-	-	-	-	-	-	-	1	-	-	FUTURE	FUTURE	MECH ROOM	FUTURE	FUTURE	FUTURE	-
SWFP-01	159 - MECHANICAL	SECONDARY WELL FIELD PUMP	BASE MOUNT	300	42	1150	20	5	B & G	1510 4E	-	7.5	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #19,21,23	1/2"C-3#12 & 1#12 GRD	-
SWFP-02	159 - MECHANICAL	SECONDARY WELL FIELD PUMP (STAND BY)	BASE MOUNT	300	42	1150	20	5	B & G	1510 4E	-	7.5	460/3	DIV.23	VFD	MECH ROOM	30A/3P	114-EQ1-2 #20,22,24	1/2"C-3#12 & 1#12 GRD	-
SWFP-03	159 - MECHANICAL	SECONDARY WELL FIELD PUMP (FUTURE STAND BY)	BASE MOUNT	-	-	-	-	-	-	-	1	-	-	FUTURE	FUTURE	MECH ROOM	FUTURE	FUTURE	FUTURE	-
PWFP-01	159 - MECHANICAL	PRIMARY WELL FIELD PUMP	BASE MOUNT	550	130	-	20	-	-	-	2	40	460/3	DIV.23	VFD	MECH ROOM	100A/3P FUSED	114-EQ1-2 #25,27,29	1"C-3#6 & #8 GRD	1
PWFP-02	159 - MECHANICAL	PRIMARY WELL FIELD PUMP (STAND BY)	BASE MOUNT	550	130	-	20	-	-	-	2	40	460/3	DIV.23	VFD	MECH ROOM	100A/3P FUSED	114-EQ1-2 #26,28,30	1"C-3#6 & #8 GRD	1
NOTE 1: FUTURE PUMP. NOTE 2: PUMP PROVIDED BY OWNER. VFD PROVIDED BY MECHANICAL CONTRACTOR.												NOTE 1: FUSE PER MANUFACTURER'S RECOMMENDATION.								