## AIR HANDLING UNIT SCHEDULE

				AIDEL OW	EXTERNAL			SUPPL	Y FAN	EXHA FA	AUST AN	PROVIDE					HEATIN	IG COIL [	ATA			PROVIDE	E			С	OOLING CO	DIL DATA			UNIT			CONTRO	LS	
NO.	LOCATION	MAKE	MODEL	CFM (I/s)	PRESS. IN. H <sub>2</sub> O  (pa)	HP PACKAGE UNIT	E # OF FANS	AIRFLOW CFM (I/s)	ESP IN. H₂0 (pa)	AIRFLOW CFM (I/s)	ESP IN. H₂O (pa)	HEATING COIL Y/N	HEATING MEDIUM	THERMOFLUID Y/N % TYPE	TOTAL TOTA INPUT OUTPL BTUH BTUH (kW) (kW)	WATEF IT FLOW GPM (I/s)	R / EW f (°C	LWT °F (°C)	EAT LA °F °F (°C) (°C	AT AIR PR DROF IN. H <sub>2</sub> (pa)	DROP FT. H <sub>2</sub> (	COOLING COIL Y/N	COOLN MEDIU	NG REFRIGERANT JM TYPE	WATER FLOW GPM (I/s)	TOTAL BTUH (kW)	TOTAL ENSIBLE BTUH (kW)	EAT LAT F (°C) B WB DB WB	EWT LWT AIR PREDROF F F (°C) (°C) (pa)	ESS H <sub>2</sub> O PRESS DROP O IN. H <sub>2</sub> O (pa)	WEIGHT LBS (kG)	JPPLY INS	NTERLOC STALL	CK WITH	F.A. SHUT DOWN	NOTES PA
AHU-1	WEST PARKING LOT	DECTRON	LD-182-VT-X- P5ET2233G2C2AF0H	23,000 (10855)	2 (500)	15X2 YES	2	23,000 (10855)	2 (500)	3,872 (1,827)	1.5 (375)	YES	NATURAL GAS	NO	1,000,000 800,000 (293) (234.4)	)			-35 85 (-37) (29	5 9.4)		YES	DX/ELE	EC R-410A	:	569,200 (166.8)	313,100 (91.7)	85 (29.4)			16,000 (7,257)	CHANICAL MECH	HANICAL	EXISTING HRV / DDC		
AHU-2	BASEMENT MECHANICAL ROOM	DAIKIN	CAH009GDAM	4,200 (1980)	2 (500)	5 YES	1	4,200 (1980)	2 (500)			YES	THERMAL FLUID	YES 50 PG	275,351 ()	28.6 (1.8)	120 (48.8	0 100 .8) (37.7)	14 73 (-10) (22	3.3 0.31 2.9) (77.1)	7.5 ()	NO									1,397 (633) ME	CHANICAL MECH	HANICAL	THERMOSTAT / DDC		

MUA-1 DELETED, NO LONGER USED 1

AIR HANDLING UNIT SCHEDULE CONTINUED

						POV	WER					STA	RTER				
NO.	FLA	МСА	MOCP	EM	V/ø	FEEDER	COND	BRKR	CCT	TYPE	SUPPLY	INSTALL	FUNC	PL	РВ	НОА	REMARKS
AHU-1			125	 ()	600V/3ø	3#3 RW90	1 1/4" (35MM)	125A/3P	MD-1	VFD							COMPLETE WITH BACNET. COMPLETE WITH RAYCHEM SELF REGULATING HEAT TRACE FOR CONDENSATE AND HEAT RECOVERY PIPING. (4 CIRCUITS)
AHU-2	5.3			 ()	600V/3ø	3#12 RW90	3/4" (21MM)				ELECTRICAL	ELECTRICAL		*		*	C/W MERV 8 PRE FILTER AND MERV 13 FINAL FILTER.

DOMESTIC HOT WATER HEATER SCHEDULE

				TANK	TANK	RECOVERY AT 85°F	UNIT WEIGHT			POV	WER			
NO.	LOCATION	MAKE	MODEL	VOLUME GAL (L)	CAPACITY BTUH (kW)	(29.4°C) TEMP RISE GPH (LPH)	FULL LBS (kG)	EM	V/ø	FEEDER	COND	BRKR	CCT	REMARKS
DHWH-1	BASEMENT MECHANICAL ROOM	AO SMITH	DSE-65A-54	65 (246)	184,255 (54)	221 (836)	885 (401)	 ()	600V/3ø	4#4 RW90	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING
DHWH-2	BASEMENT MECHANICAL ROOM	AO SMITH	DSE-65A-54	65 (246)	184,255 (54)	221 (836)	885 (401)	 ()	600V/3ø	4#4 RW90	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING

FURTHER REMARKS POOL AIR HANDLING UNIT AHU-1

DECTRON UNIT PACKAGE TO INCLUDE 2X SUPPLY AIR BLOWERS, 2X EXHAUST AIR BLOWERS AT 3872CFM MINIMUM - 8800CFM MAXIMUM, 2X COMPRESSORS, 569.2 MBH EVAPORATOR COIL. 711.5 MBH REHEAT COIL WITH FULL MODULATION. GLYCOL PUMP FOR HEAT RECOVERY RUNAROUND, 390MBH POOL HEATING WITH TITANIUM PLATE EXHANGER, 1000MBH AUXILIARY GAS HEAT, 711.5MBH PACKAGED OUTDOOR AIR DRY COOLER, 16 X MERV 13 RETURN AIR FILTERS (20"X20"X2") AND 8 X MERV 13 (16"X20"X2") OUTSIDE AIR FILTERS INCLUDED.

CONDENSING LINIT/AIR CONDITIONING LINIT SCHEDLIF

				CAPACITY		OUTDOOR AMBIENT			UNIT			CONTROL	_S								POWER			
NO.	LOCATION	MAKE	MODEL	BTUH (kW)	REFRIGERANT TYPE	TEMP. °F (°C)	SEER RATING	HP	WEIGHT LBS (kG)		INTERLOC	K	DATA CONN.	NOTES	PANEL	FLA	MCA M	OCP	V/ø	FEEDER	COND	BRKR	ССТ	REMARKS
						MIN MAX				SUPPLY	INSTALL	WITH	001111.											
CU-2	CRAWLSPACE	DAIKIN	RXS12LVJU	11,500 (3.4)	R-410A	40 105 () ()	15.5		75 (34)	MECHANICAL	MECHANICAL	AC-2					8.75	15	208V/1ø	2#12	3/4" (21MM)	15A/2P	EXISTING CIRCUIT	
CU-3	CRAWLSPACE	DAIKIN	RKB12AXVJU	11,000 (3.2)	R-410A	40 105 () ()	17		57 (26)	MECHANICAL	MECHANICAL	AC-3					7.7	15	208V/1ø	2#12	3/4" (21MM)	15A/2P	EXISTING CIRCUIT	
CU-4	CRAWLSPACE	DAIKIN	RK36NMVJU	34,400 (10)	R-410A	40 105 () ()	15.9		133 (60)	MECHANICAL	MECHANICAL	AC-4					17	20	208V/1ø	2#12	3/4" (21MM)	20A/2P	EXIST PANEL IN BSMT	
AC-2	ENGINEERS OFFICE	DAIKIN	FDXS12LVJU	11,500 (3.4)	R-410A		15.5		47 (21)	MECHANICAL	MECHANICAL	CU-2												COMPLETE WITH CONDENSATE PUMP (ASPEN LINE MINIVOLT ASPMLUNI), TO BE DRAINED TO NEAREST SANITARY DRAIN APPROVED BY CONSULTANT. POWERED FROM CU-2.
AC-3	STAFF LOUNGE	DAIKIN	FTKB12AXVJU	11,000 (3.2)	R-410A	 ()   ()	17		20 (9.5)	MECHANICAL	MECHANICAL	CU-3												COMPLETE WITH CONDENSATE PUMP (ASPEN LINE MINIVOLT ASPMLUNI), TO BE DRAINED TO NEAREST SANITARY DRAIN APPROVED BY CONSULTANT. POWERED FROM CU-3.
AC-4	MPR	DAIKIN	FTX36NVJU	34,400 (10)	R-410A	 () ()	15.9		38 (17)	MECHANICAL	MECHANICAL	CU-4 AND WF-	1											COMPLETE WITH CONDENSATE PUMP (ASPEN LINE MINIVOLT ASPMLUNI), TO BE DRAINED TO NEAREST SANITARY DRAIN APPROVED BY CONSULTANT. POWERED FROM CU-4. INTERLOCK WITH WALL FIN HEATER TO PREVENT SIMULTANEOUS HEATING AND COOLING.

EXHAUST FAN SCHEDULE

					AIRFI OW	EXTERNAL STATIC				UNIT WEIGHT		CONTR	OLS					POW	ER				STARTER				
NO.	LOCATION	MAKE	MODEL	FAN TYPE	CFM (I/s)	PRESS. IN. H <sub>2</sub> 0 (pa)	HP	MAX SONES	SPEED RPM	W/O ACCESS. LBS (kG)	INTERLO SUPPLY INSTALL	OCK WITH	F.A. SHUT DOWN CONN.	NOTES	MCA N	MOCP EM	V	∕ø FEEDER	COND BRK	KR CC	CT TYPE	SUPPLY	INSTALL FUNC	PL	PB	НОА	REMARKS
EF-5	1:17A JANITORIAL ROOM	GREENHECK	CSP-A125	DIRECT DRIVE	80 (38)	0.3 (-)	FRAC	0.4	980	16 ()	MECHANICAL MECHANICAL	DISCONNECT			 	()	120	V/1ø 2#12	3/4" (21MM) 15A/	1P N-	36 MANUAL	ELECTRICAL	ELECTRICAL	*	*		TO RUN CONTINUOUSLY
EF-6	1:17B ELECTRICAL ROOM	GREENHECK	CSP-A700-VG	DIRECT DRIVE WITH SPEED CONTROL	730 ()	0.3 ()	FRAC	1.5	1127	36 ()	MECHANICAL MECHANICAL	ROOM THERMOSTAT			 	()	120	V/1ø 2#12	3/4" (21MM) 15A/	1P N-3	37 MANUAL	ELECTRICAL	ELECTRICAL	*	*		



$\sqrt{2}$	2	01/02/2024	ISSUED FOR ADDENDUM NO.4	JVL
1	1	29/01/2024	ISSUED FOR ADDENDUM NO.3DG	3/JVL
	0	22/12/2023	ISSUED FOR CONSTRUCTION DG	/JVL
	No.	Date	Issue / Revision	Ву

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MECHANICAL AND **ELECTRICAL** SCHEDULES

**ME1.1R2** 

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