

AIR HANDLING SCHEDULE

NOTES:
 1.MANUFACTURER LISTED IS BASIS OF DESIGN. REFER TO SPECIFICATIONS FOR ALTERNATE MANUFACTURERS.
 2.PROVIDE SHAFT GROUNDING AS REQUIRED IN THE MOTOR SPECIFICATION. 23 05 13
 3.PROVIDE WITH TRANE UC600 OR EQUAL DIGITAL CONTROLLER W/LOW LIMIT SWITCH, CONDENSATE OVERFLOW SWITCH, DIRTY FILTER SWITCH, FAN STATUS SWITCH, DISCHARGE AIR SENSOR, OUTSIDE AIR TEMPERATURE SENSOR & DUCT STATIC PRESSURE SENSOR OPTIONS.
 4.LOOSE DUCT HEATER SHALL BE PROVIDED BY UNIT MANUFACTURER. COIL SHALL HAVE SCR CONTROL.
 5.FURNISH UNITS WITH MOTORIZED, 2 POSITION OUTSIDE AIR DAMPERS.

TAG NAME	AREA SERVED	SUPPLY FAN (NOTE 1)								ELECTRICAL				HEATING COIL - ELECTRIC														
		NO. OF FANS	CFM TOTAL	MIN. CFM	EXT. S.P.	TYPE	RPM (NOTE D)	BHP (NOTE E)	MHP (NOTE E)	MINIMUM OUTSIDE AIR CFM	MOTORIZED OA DAMPER	NO. OF POWER CONNECTIONS	AHU VOLTAGE	AHU PHASES	AHU MCA	AHU MOCP	BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	TYPE (NOTE C)	SCCR	EAT °F	LAT °F	KW	VOLTAGE	PHASES	MCA	MOCP
AHU-1L	MECHANICAL 107	1	6500	6500	0.8	DD AF PLENUM FAN	2000	5.3	7.5	650	YES	2	208	3	35.5	60.0	MFR	NF	MFR	VFD	5000	57.5	90.0	67	208	3	186	250
AHU-2L	MECHANICAL 115	1	7000	7000	0.8	DD AF PLENUM FAN	2125	6.3	7.5	700	YES	2	208	3	35.5	60.0	MFR	NF	MFR	VFD	5000	57.5	95.0	83	208	3	230	300

AIR HANDLING SCHEDULE - CONT.

TAG NAME	COOLING COIL								PRE-FILTER			MAX. DIMENSIONS			WEIGHT	VIBRATION ISOLATION		MANUFACTURER	MODEL	NOTES		
	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	TOTAL MBH	MAX. A.P.D. IN. W.C.	SAT SUC °F	REFRIGERANT	CFM	TYPE	FACE VELOCITY	DIRTY	CLEAN	LENGTH	WIDTH	HEIGHT	OPERATING				TYPE	DEFL.
AHU-1L	82.0	67.2	54.8	54.1	263	1.0	45.0	R410a	6500	2" MERV 8	500	0.3	0.7	101"	71"	46"	1400	M3	0.750	TRANE	UCCA14B0G0R	1,2,3,4,5
AHU-2L	82.0	67.2	53.1	52.3	316	1.1	41.0	R410a	6500	2" MERV 8	500	0.3	0.7	101"	71"	46"	1400	M3	0.750	TRANE	UCCA14B0G0R	1,2,3,4,5

CONDENSING UNIT SCHEDULE

NOTES:
 1.MANUFACTURER LISTED IS BASIS OF DESIGN. REFER TO SPECIFICATIONS FOR ALTERNATE MANUFACTURERS.
 2.REFER TO SPECIFICATION SECTION 23 62 13 FOR ADDITIONAL REQUIREMENTS.

TAG NAME	AREA SERVED	NOMINAL DESIGN TONS	REFRIGERANT	SATURATED SUCTION °F	AMBIENT TEMP °F	MIN. AMBIENT TEMP °F	NUMBER OF COMPRESSORS	NUMBER OF STAGES	NUMBER OF CIRCUITS	NUMBER OF FANS	MIN. EER	ELECTRICAL					MAX. DIMENSIONS			WEIGHT	VIBRATION ISOLATION		MANUFACTURER	MODEL (NOTE 1)	NOTES					
												NO. OF POWER CONNECTIONS	VOLTAGE	PHASES	FLA	MCA	MOCP	BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	SCCR	LENGTH				WIDTH	HEIGHT	OPERATING	TYPE	DEFL.
ACCU-1L	AHU-1L	25	R410a	45.0	105.0	50.0	2	2	1	2	11.7	1	208	3	101.0	101	125	MFR	NF	MFR	5 KA	94	46	51	915	M2	0.25	TRANE	TTA30043CAA	1,2
ACCU-2L	AHU-2L	30	R410a	41.0	105.0	40.0	2	2	1	3	11.4	1	208	3	141.0	141	175	MFR	NF	MFR	5 KA	89	61	75	1940	M2	0.25	TRANE	RAUJC30	1,2

AIR TERMINAL SCHEDULE

NOTES:
 1.REFER TO DRAWINGS FOR NECK SIZE. ALL BRANCH DUCTWORK TO AIR TERMINALS SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.

TAG NAME	FACE SIZE (IN.) (NOTE 2)	TYPE	BORDER (NOTE 1)	MATERIAL	FINISH	VOLUME DAMPER REQUIRED	MANUFACTURER	MODEL	NOTES
SR-1	INLET + 2	DOUBLE DEFLECTION	1 1/4"	ALUMINUM	WHITE	YES	TITUS	300FL	1

SCHEDULE GENERAL NOTES:

A. DISCONNECT AND CONTROLLER STARTER FURNISHED AND INSTALLED BY:
 MFR = MANUFACTURER
 EC = ELECTRICAL CONTRACTOR
 MC = FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR.
 MFR/EC = FURNISHED LOOSE BY MANUFACTURER INSTALLED BY ELECTRICAL CONTRACTOR.
 ATC = AUTOMATIC TEMPERATURE CONTROL CONTRACTOR

B. DISCONNECT TYPE:
 CB = CIRCUIT BREAKER
 F = FUSED
 NF = NON-FUSED

C. CONTROLLER STARTER TYPE:
 FV = FULL VOLTAGE
 WYE = WYE-DELTA
 SS = SOLID STATE (SOFT START)
 MS = MANUAL STARTER
 VFD = VARIABLE FREQUENCY DRIVE
 VFD/B = VARIABLE FREQUENCY DRIVE WITH BYPASS
 YD = WYE - DELTA

D. FAN RPM SHALL NOT EXCEED 110% OF SCHEDULED VALUE, WITH THE SCHEDULED WHEEL TYPE. SUBSTITUTION OF BI OR BIA FANS FOR FC IS ACCEPTABLE IF EFFICIENCY IS NOT LOWER.

E. NO EQUIPMENT SHALL BE SELECTED ABOVE 90% OF MOTOR NAME PLATE RATING.

F. MUST BE WITHIN +/- 10% OF SCHEDULED RPM.

G. CURB TYPE:
 MFR = STANDARD CURB BY MANUFACTURER
 GC = BY GENERAL CONTRACTOR
 SAC = SOUND ATTENUATOR CURB



10.27.2023

A/E FIRMS	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
ARCH: QUINN EVANS 219 1/2 N. MAIN STREET ANN ARBOR, MI T: 734.663.5888	CADD:	02 ME6.0	LIBBEY BATHHOUSE	128 182951
MEP/ENG: IMEG CORP. 1400 BALTIMORE STREET SUITE 300 KANSAS CITY, MO T: 816.842.8437	TECH. REVIEW:		REHABILITATE BATHHOUSES HOT SPRINGS NATIONAL PARK	PMIS/PKG NO. 318915
	DATE: 10.27.2023			SHEET 237 OF 286