CHILLED WATER CASSETTE SCHEDULE

DESIGNATION		AC-6,7,8,9,10,11
TYPE		CEILING CASSETTE
MANUFACTURER / MODEL NO.		MULTI-AQUA / MH1WC4-08-1-B
SUPPLY FAN DATA	CFM	530
	MIN. / MAX. OA CFM	-
	E.S.P., IN. W.G.	0.25
	MIN. MOTOR POWER, W	115
COOLING COIL DATA	TOTAL MBH	22.9
	SENSIBLE BTUH	15.7
	E.A.T. (DB/WB), °F	80.4 / 65.0
	L.A.T. (DB/WB), °F	51.9 / 51.5
	E.W.T., °F	44
	L.W.T., °F	54
	GPM	5.5
	MAX. W.P.D., FT.	20.0
	MIN. COIL ROWS / MAX. F.P.I.	3 / 14
ELEC DATA	MCA	0.63
	MOCP	1.0
	VOLTS/PHASE	208 / 1
REMARKS		

PUMP SCHEDULE

DESIGNATION	CHP-1
SERVICE	CHILLED WATER
TYPE	IN-LINE
MANUFACTURER	B&G
MODEL	e-80
WATER FLOW, GPM	440
TOTAL HEAD	75.0
MIN. PUMP EFF	78.5
HP	15
RPM	1750
VOLTAGE	460
PHASE	3
FREQ.	60
COMMENTS	VFD

PACKAGED AIR COOLED CHILLER SCHEDULE

GENERAL DATA	DESIGNATION	CH-2
	LOCATION	EQUIPMENT YARD
	SERVICE	ENTIRE FACILITY
	TYPE	SCREW
	REFRIGERANT	R-513A
	NOMINAL CAPACITY, TONS	200
	AMBIENT AIR TEMP., °F	105
	MINIMUM FULL LOAD (FL) EER AT AHRI CONDITIONS	11.55
	MINIMUM PART LOAD (IPLV) EFFICIENCY AT AHRI CONDITIONS	18.79
	MANUFACTURER	TRANE
	MODEL	RTAE 200
	OPERATING WEIGHT, LBS	14,500
EVAPORATOR	GPM	440.0
	ENTERING WATER TEMP. - DEG. F.	54.0
	LEAVING WATER TEMP. - DEG. F.	44.0
	MAX. WATER PRESS. DIFF. FT.	15
	FOULING FACTOR, HR-SF-DEG. F./BTU	0.0001
ELECTRICAL DATA	VOLTS / PH	460 / 3
	FREQUENCY	60
	MCA	383
	MOCP	500
	POWER, KW	232.0
REMARKS		1) ULTIMATE SOUND REDUCTION PACKAGE OR EQUAL. MAXIMUM SOUND LEVELS: 100% = 70 dba, 75% = 63 dba, 50% = 54 dba, 25% = 51 dba 2) PROVIDE SINGLE POINT ELECTRICAL CONNECTION FOR CHILLER/PUMP PACKAGE 3) CHILLER/PUMP SKID PACKAGE IS AN ACCEPTABLE ALTERNATIVE. SEPERATE CONNECTS ARE REQUIRED.

HIGH VOLUME LOW SPEED (HVLS) FAN SCHEDULE

DESIGNATION		HVLS-1,2,3,4,5,6
AIR SYSTEM		CIRCULATION
SERVICE		LEVEL 2 CARDIO
MOUNTING		CEILING
FAN DIAMETER, FT.		14
DRIVE TYPE		DIRECT
WEIGHT, LBS.		168
FAN ROTATION, RPM		103
ELEC. DATA	MIN. MOTOR H.P.	3/4
	VOLTS/PH	208/1
INTERLOCK WITH		SINGLE CONTROL PANEL FOR ALL HVLS FANS
MANUFACTURER / MODEL NO.		HUNTER / TITAN 14
REMARKS		

ELECTRIC DUCT HEATER SCHEDULE

DESIGNATION	EDH-AC-1,2,3,4,5
SERVICE	AC-1,2,3,4,5
ELEC HEAT, KW	30.0
SIZE, IN.	26 x 14
EAT, °F	60.9
LAT, °F	92.5
VOLTS/PH	460/3
MANUFACTURER	GREENHECK
MODEL	IDHB
REMARKS	

AIR HANDLING UNIT SCHEDULE

GENERAL	DESIGNATION	AHU-1	AHU-2	AHU-3	AHU-5	AHU-6	AHU-7	AHU-8	AHU-9	AHU-10	AC-1,2,3,4,5	AC-12
	LOCATION	MECH. ROOM	ABOVE CEILING	ABOVE CEILING	ABOVE CEILING	2ND FLOOR MECH. ROOM	2ND FLOOR MECH. ROOM	ABOVE CEILING	ABOVE CEILING	ABOVE CEILING	ABOVE CEILING	EXPOSED
	SERVING	ATRIUM	2ND FLOOR OFFICES	1ST FLOOR OFFICES	CONFERENCE/ MULTI-PURPOSE RMS	GYM	RACQUETBALL COURTS	GIRLS' LOCKER RM.	BOYS' LOCKER RM.	AEROBICS	CARDIO	STAFF AREA
	MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE
	MODEL NO.	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	CLIMATE CHANGER	BCXD	CLIMATE CHANGER
	MAXIMUM WEIGHT, LBS.	1,500	800	800	700	4,300	1,400	600	600	600	425	600
	MCA	17.8	4.5	4.5	4.5	26.9	6.3	2.9	2.9	2.9	6.9	2.9
	MOCP	30	15	15	15	45	15	15	15	15	15	15
	VOLTS/PH	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3
	STARTER TYPE	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD	VFD
SUPPLY FAN SECTION	TOTAL AIR FLOW - CFM	8,600	2,100	2,100	2,300	18,000	4,400	1,500	1,500	1,500	3,000	1,500
	OUTSIDE AIR, CFM MIN./MAX.	500 / -	250 / -	200 / -	300 / -	500 / -	500 / -	150 / -	160 / -	300 / -	600 / -	-
	EXTERNAL S.P. - IN. W.G.	1.0	1.0	1.0	0.3	0.75	1.0	0.3	0.3	0.3	0.3	0.3
	ARRANGEMENT / SIZE / TYPE	HORIZONTAL / 17 / FC	HORIZONTAL / 6 / FC	HORIZONTAL / 6 / FC	HORIZONTAL / 6 / FC	HORIZONTAL / 35 / FC	HORIZONTAL / 10 / FC	HORIZONTAL / 3 / FC	HORIZONTAL / 3 / FC	HORIZONTAL / 3 / FC	VERTICAL / 72 / -	HORIZONTAL / 3 / FC
	MAX. FAN RPM	2,500	2,100	2,100	2,100	1,900	1,900	2,900	2,900	2,900	-	2,900
	FAN QUANTITY	1	1	1	1	2	1	1	1	1	1	1
	MIN. MOTOR HP	10	2	2	2	7.5 EA	3	1	1	1	3	1
COIL SECTION — COOLING	DESIGN CFM	8,600	2,100	2,100	2,300	18,000	4,400	1,500	1,500	1,500	3,000	1,500
	ENTERING AIR D.B./W.B.-DEG. F.	76.6 / 63.2	78.2 / 64.0	77.6 / 64.0	78.5 / 64.1	75.8 / 62.8	78.1 / 63.9	77.7 / 63.8	77.9 / 63.8	80.4 / 65.0	80.4 / 65.0	77.7 / 63.8
	LEAVING AIR D.B./W.B.-DEG. F.	53.8 / 53.3	54.2 / 53.9	54.4 / 54.1	54.4 / 54.0	54.0 / 53.0	54.3 / 54.0	53.0 / 52.6	53.0 / 52.6	53.4 / 52.9	52.2 / 51.9	53.0 / 52.6
	ENTER'G CH. WATER TEMP. DEG. F.	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
	LEAVING CH. WATER TEMP. DEG. F.	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
	GPM	50.0	12.5	12.3	13.8	102.0	25.8	10.0	10.0	10.8	23.0	10.0
	MAX. WATER P.D., FT.	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	MAX. AIR P.D., IN. W.G.	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
	MIN ROWS/MAX. F.P.I.	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10
	MAX. FACE VELOCITY, FPM	500	500	500	500	500	500	500	500	500	500	500
COIL SECTION — HEATING	DESIGN CFM	8,600	N/A	N/A	2,300	18,000	N/A	1,500	1,500	1,500	N/A	1,500
	ENTERING AIR D.B.-DEG. F.	67.3	N/A	N/A	64.1	68.7	N/A	65.4	65.1	60.9	N/A	65.4
	LEAVING AIR D.B.-DEG. F.	95.0	N/A	N/A	95.0	95.0	N/A	95.0	95.0	95.0	N/A	95.0
	TOTAL HEATING OUTPUT, MBH	257.0	N/A	N/A	77.0	511.3	N/A	48.0	48.4	55.2	N/A	48.0
	ENTERING HOT WATER TEMP., DEG. F.	180.0	N/A	N/A	180.0	180.0	N/A	180.0	180.0	180.0	N/A	180.0
	GPM	25.7	N/A	N/A	7.7	51.1	N/A	4.8	4.8	5.5	N/A	4.8
	MAX. WATER P.D., FT.	5.0	N/A	N/A	5.0	5.0	N/A	5.0	5.0	5.0	N/A	5.0
	MAX. AIR P.D., IN. WG.	1.0	N/A	N/A	1.0	1.0	N/A	1.0	1.0	1.0	N/A	1.0
	MIN. ROWS/MAX. F.P.I.	2 / 10	N/A	N/A	2 / 10	2 / 10	N/A	2 / 10	2 / 10	2 / 10	N/A	2 / 10
	MAX. FACE VELOCITY, FPM	500	N/A	N/A	500	500	N/A	500	500	500	N/A	500
FILTER SECTION	THICKNESS/DEPTH - TYPE	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED	2" / PLEATED
	MIN. EFFICIENCY, %	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11	MERV 11
	MAX. AIR P.D., CLEAN - IN. W.G.	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
	MANUFACTURER / MODEL NO.	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30	FARR 30/30
REMARKS		ALTERNATE BID	ALTERNATE BID	ALTERNATE BID	BASE BID	ALTERNATE BID	ALTERNATE BID	BASE BID	BASE BID	BASE BID	BASE BID	BASE BID

GRILLES, REGISTERS, AND DIFFUSERS

DESIGNATION	TYPE	MOUNTING TYPE	MATERIAL	FINISH	MAX. N.C. LEVEL	OPPOSED DAMPER BLADE	EQUALIZING GRID	MANUFACTURER	MODEL	DESCRIPTION
A	DRUM LOUVER	SURFACE	ALUMINUM	WHITE	30	NO	NO	TITUS	DL	—
B	RETURN GRILLE	SIDE WALL	ALUMINUM	WHITE	30	NO	NO	TITUS	355FL	35 DEG. FIXED DEFLECTION
C	RETURN GRILLE	LAY-IN	ALUMINUM	WHITE	30	NO	NO	TITUS	50F	1/2"x1/2"x1/2" EGGCRATE W/FRAME BORDER
D	SUPPLY DIFFUSER - LOUVERED	LAY-IN	ALUMINUM	WHITE	30	NO	NO	TITUS	TMS	24"x24" FACE

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NOTE:
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DRAWING HISTORY

№	DATE	DESCRIPTION

KEY PLAN

PROJECT NAME
ADDISON ATHLETIC CLUB

PROJECT LOCATION
3900 BELTWAY DR.
ADDISON, TX 75001

PROJECT NUMBER
17116.00

SHEET TITLE
SCHEDULES

SHEET NUMBER
ME-21

FILE PATH: C:\Revit Local Files\2018\17116-Addison Athletic Club-RWB-2018_amerken.rvt
DATE/TIME:4/24/2018 4:47:08 PM
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