

AIR HANDLING UNIT (AHU) SCHEDULE

			SUPPLY FAN								HEAT RECOVERY COILS								COOLING COIL								HEATING COIL								FILTERS									
TAG ID	TAG NO	MANUFACTURER & MODEL NO.	MIN OUTSIDE AIR (CFM)	AIRFLOW	WHEEL		TSP "W.C." (4) 20"	ESP "W.C." (4) 20"	BHP	DRIVE	MIN FAN EFF. (%)	MAX AIR P.D. (IN. W.C.)	SUMMER PERFORMANCE (°F)		WINTER PERFORMANCE (°F)		MAX FACE VELOCITY (FPM)	MAX AIR PD (IN. W.C.)	AIR TEMP. (°F)		CIRCULATING FLUID		TOTAL MBH	SENSIBLE MBH	ROWS	MAX FACE VELOCITY (FPM)	MAX AIR PD (IN. W.C.)	AIR TEMP. (°F)		CIRCULATING FLUID		MBH	MERV	TYPE	SPD (W.G.) @ 500FPM									
					TYPE	DIA.							EAT (°F) DB/WB	LAT (°F) DB/WB	EAT (°F) DB/WB	LAT (°F) DB/WB			GPM	EWT (°F)	LWT (°F)	MAX WATER PD (FT)						EAT (°F) DB/WB	LAT (°F) DB/WB	GPM	EWT (°F)				LWT (°F)	MAX WATER PD (FT)	INITIAL	FINAL	DESIGN	NOTES				
AHU	1	TRANE CSAA SIZE 66	16000 CFM	32000 CFM	PLENUM	(4) 20"	6.85 in-wg	4.00 in-wg	57.25	DIRECT	60	0.75 in-wg	95/78	85.6/75.6	86/66.7	4/0	37.7/24.3	38.7/30.3	500 FPM	1.00 in-wg	80/70	53.5/53	210 GPM	42 °F	58 °F	10	1,655.2	949.8	8	750 FPM	0.25 in-wg	36 °F	75 °F	68 GPM	140 °F	100 °F	2	1,346.5	14	4" CARTRIDGE	0.50 in-wg	1.50 in-wg	1.25 in-wg	1 to 12
AHU	2	TRANE CSAA SIZE 06	16000 CFM	32000 CFM	PLENUM	(4) 20"	6.85 in-wg	4.00 in-wg	57.25	DIRECT	60	0.75 in-wg	95/78	85.6/75.6	86/66.7	4/0	37.7/24.3	38.7/30.3	500 FPM	1.00 in-wg	80/70	53.5/53	210 GPM	42 °F	58 °F	10	1,655.2	949.8	8	750 FPM	0.25 in-wg	36 °F	75 °F	68 GPM	140 °F	100 °F	2	1,346.5	14	4" CARTRIDGE	0.50 in-wg	1.50 in-wg	1.25 in-wg	1 to 12
AHU	3	TRANE CSAA SIZE 06	2800 CFM	2800 CFM	PLENUM	15"	6.85 in-wg	4.00 in-wg	57.25	DIRECT	60	0.75 in-wg	-	-	-	-	-	-	500 FPM	1.00 in-wg	97/76	50.5/50	30 GPM	42 °F	58 °F	10	240.8	142.8	6	750 FPM	0.25 in-wg	0 °F	75 °F	12 GPM	140 °F	100 °F	2	227.7	14	4" CARTRIDGE	0.50 in-wg	1.50 in-wg	1.25 in-wg	1 to 10
AHU	4	TRANE CSAA SIZE 06	2800 CFM	2800 CFM	PLENUM	15"	5.44 in-wg	2.00 in-wg	3.46	DIRECT	65	0.75 in-wg	-	-	-	-	-	-	500 FPM	1.00 in-wg	97/76	50.5/50	30 GPM	42 °F	58 °F	10	240.8	142.8	6	750 FPM	0.00 in-wg	0 °F	75 °F	12 GPM	140 °F	100 °F	2	227.7	14	4" CARTRIDGE	0.50 in-wg	1.50 in-wg	1.25 in-wg	1 to 10
AHU	5	TRANE UCCAG SIZE 10	0 CFM	5000 CFM	PLENUM	-	2.10 in-wg	1.50 in-wg	3.15	DIRECT	50	0.00 in-wg	-	-	-	-	-	-	550 FPM	0.75 in-wg	85/60	60/50	37 GPM	56 °F	63 °F	10	136.56	136.6	6	750 FPM	0.00 in-wg	0 °F	75 °F	12 GPM	140 °F	100 °F	2	227.7	8	2" THROW AWAY	0.25 in-wg	1.50 in-wg	1.25 in-wg	1 to 10
PLAN DESIGNATION:				NOTES:																																								
X				1. PROVIDE TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLING UNITS WITH SIZES, CAPACITIES AND CONFIGURATIONS AS SCHEDULED.																																								
1				2. 2" FOAM INJECTED R-13 INSULATION.																																								
				3. AIR LEAKAGE LESS THAN 1% AND L240 DEFLECTION AT +/- 8" W.G. PRESSURE.																																								
				4. COOLING COILS WITH STAINLESS STEEL DRAIN PAN COIL HEADERS AND CASING.																																								
				5. PROVIDE SERVICE PANELS FOR COIL ACCESS, REMOVAL AND MAINTENANCE.																																								
				6. ACCESS DOORS SHALL BE AS SHOWN ON MECHANICAL DRAWINGS.																																								
				7. UNIT TO BE COMPLETE THERMAL BREAK CONSTRUCTION INCLUDING ALL ACCESS DOORS.																																								
				8. UNIT MOUNTED RUSKIN AMCA CERTIFIED LOW LEAK DAMPERS.																																								
				9. VFD'S ARE WALL MOUNTED. PROVIDE FACTORY MOTORS WITH SHAFT GROUNDING RING WIRED TO A JUNCTION BOX WITH TERMINALS FOR CONNECTION TO VFD. AT CONTRACTOR'S OPTION, PROVIDE FACTORY MOUNTED SUPPLY FAN VFD WITH SHAFT GROUNDING RING AND FACTORY INVERTER BALANCE TESTING.																																								
				10. SOUND DATA SHALL NOT EXCEED SPECIFIED VALUES AND SHALL BE AHR260 CERTIFIED FOR THE COMPLETELY ASSEMBLED UNIT. AMCA BARE FAN SOUND DATA NOT ACCEPTABLE.																																								
				11. UNIT SHALL BE SHIPPED IN SECTIONS TO FIT THROUGH A FLOOR SLAB OPENING 7'-4" WIDE x 16'-0" LONG.																																								
				12. PROVIDE MARINE GRADE LIGHT FIXTURES AND LIGHT SWITCHES AT ALL ACCESS SECTIONS AND ONE RECEPTACLE ON EXTERIOR ACCESS SIDE. SEE ELECTRICAL DRAWINGS FOR 120V POWER. HEAT RECOVERY COIL SHALL BE 8-ROW, 54" HIGH BY 130" LONG, 16,000-CFM, 110-GPM.																																								

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Webster
UNIVERSITY

Webster University
Interdisciplinary Science
Building

CANNONDESIGN

1100 Clark Avenue
St. Louis, Missouri 63102
T: 314.241.6250
F: 314.241.2570

William Tao & Associates, Inc.
MEP/FP Engineer
7955 Manchester Road, Suite 125
St. Louis, MO 63143
314-884-7600

David Mason & Associates, Inc.
Structural & Civil Engineer
800 South Vandeventer Avenue
St. Louis, MO 63110
314-534-1053

Faith Group
Technology
3101 S. Hanley Rd., Suite 100
St. Louis, MO 63143
314-591-2228

Kuhlmann Leavitt, Inc.
Environmental Graphics & Signage
7400 Pershing Ave.
St. Louis, MO 63130
314-725-6616

KWA Architects
Architecture
8721 Litzinger Road
St. Louis, MO 63124
314-962-2560

Spellman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314-862-0070

SWT Design
Landscape Architect
7722 Big Bend Blvd
St. Louis, MO 63119
314-644-5700

Webb Engineering Services, Inc.
Planning & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314-588-0600

5	ASI-059	12 APR 2017
4	ASI-034	04 NOV 2016
3	ADDENDUM 2-4	24 MAY 2016
2	ADDENDUM 2-2	19 APRIL 2016
1	ADDENDUM 2-1	17 MAR 2016
- ISSUED FOR CONSTRUCTION (BP2)		01 MAR 2016
No.	Description	Date

Drawing Title:

SCHEDULES -
MECHANICAL

Project No.: 04561.01

Checked by:

M0601