125°F EWT/85° LWT FOR AHU-1A, 2A, 5A, & 8A. 105°F EWT/85° LWT FOR AHU-9A, 10A, 1B, 2B, 8B, & 9B

AIR HANDLING UNIT SCHEDULE

MARK	AREA SERVED	SUPPLY AIR CFM	EXTERNAL S.P., IN. WG	OUTSIDE AIR CFM	SUPPLY AIR FAN MOTOR HP	SUPPLY AIR FAN MOTOR PH	SUPPLY AIR FAN MOTOR VOLTS	COILS: ELECTRIC PREHEAT COIL KW	ELECTRIC PREHEAT COIL PH	ELECTRIC PREHEAT COIL VOLTS	ELECTRIC PREHEAT COIL NO. OF STAGES	HEATING COIL E.A.T., °F DB	HEATING COIL L.A.T., °F DB	HEATING COIL COIL HEATING CAPACITY, MBH	HEATING COIL GPM AT ___°F EWT & 85°F LWT	HEATING COIL MAX. WATER P.D., FT.	HEATING COIL AIR P.D. AT MAX CFM (IN.W.G.)	COOLING COIL E.A.T. °F DB/WB	COOLING COIL L.A.T. °F DB/WB	COOLING COIL SENSIBLE CAPACITY MBH	COOLING COIL TOTAL CAPACITY MBH	COOLING COIL MAXIMUM GPM AT 43°F E.W.T./ 59°F LWT	COOLING COIL MAXIMUM WATER P.D. (FEET)	COOLING COIL MAX. AIR P.D., IN. W.G.	COOLING COIL MAXIMUM FACE VELOCITY (F.P.M.)	ULTRAVIOLET LIGHT SECTION PH	UV VOLTS	UV MCA	UV MOCP	UV NO. OF LAMPS/ WATTAGE OF LAMPS	FILTERS TYPE	FILTER BANK TYPE	FILTER EFFICIENCY	FAN VIBRATION ISOLATION* BASE TYPE	ISOLATION TYPE	MINIMUM DEFLECTION (INCHES)	MOTOR CONTROLLER	REMARKS	EQUAL TO MFR.	EQUAL TO MODEL
AHU-1A	ADMIN AREA AUDITORIUM	3700	1.06	1125	5	3	460	N/A	N/A	N/A	N/A	48.7	104	221	12.0	5	0.47	81.4/68.4	53.1/52.0	113.1	188.3	23.0	5	0.81	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75	COMB. MAGNETIC ACROSS THE LINE WITH HOA SWITCH & TRANSFORMER	(3)(5)(6)(7)	TRANE	PCC-8
AHU-2A	ADMIN AREA AUDITORIUM	3960	1.11	1125	5	3	460	N/A	N/A	N/A	N/A	50.1	89.2	167.8	9.0	5	0.33	81.0/68.0	53.2/51.8	118.9	197.8	24.0	5	0.85	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-8
AHU-5A	ADMIN AREA 1ST FLOOR DISPLAY AREA	1800	1.13	300	1.5	3	460	N/A	N/A	N/A	N/A	55.0	98.7	85.0	4.5	5	0.32	78.5/65.8	53.0/51.6	49.6	76.8	9.3	4	0.57	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-4
AHU-8A	ADMIN AREA 1ST FLOOR CONCOURSE	4000	1.06	585	5	3	460	N/A	N/A	N/A	N/A	59.8	104	191	10.4	5	0.56	78.1/65.6	53.2/52.0	107.7	179.5	19.8	4	0.81	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-8
AHU-9A	TUNNEL LVL AREA'A'AND 'B'PAD MOUNTED	4,100	1.21	795	5	3	460	40	3	460	4	56.4	85.0	141.7	14.2	5	0.2	79.1/66.4	53.2/52.4	114.6	174.9	21.4	5	0.87	550.0	EXISTING DUCT-MOUNTED LUMALIER UV LIGHTING SYSTEM TO REMAIN					2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(1)(5)(6)(7)	TRANE	PCC-8
AHU-10A	TUNNEL LVL AREA'A'AND 'B'PAD MOUNTED	3,500	1.21	735	5	3	460	35	3	460	4	55.3	85.0	113.4	11.4	5	0.15	79.4/66.5	53.0/52.0	99.0	154.1	19.1	4	0.67	550.0	EXISTING DUCT-MOUNTED LUMALIER UV LIGHTING SYSTEM TO REMAIN					2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(1)(5)(6)(7)	TRANE	PCC-8
AHU-21A	ADMIN AREA 1ST FLOOR CONCESSIONS	3150	1.38	320	3	3	460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	77.1/64.7	53.0/52.0	82.0	119.1	14.4	4	0.85	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(4)(5)(6)(7)	TRANE	PCC-6
AHU-8B	LAUNDRY/ LAUNDRY ROOM	7500	1.15	500	7.5	3	460	N/A	N/A	N/A	N/A	65.3	75.0	86.4	8.7	11	0.15	76.4/64.0	51.6/50.8	200.9	270	36.0	11	0.97	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-14
AHU-9B	LAUNDRY/ LAUNDRY ROOM	7500	1.15	500	7.5	3	460	N/A	N/A	N/A	N/A	65.3	75.0	86.4	8.7	11	0.15	76.4/64.0	51.6/50.8	200.9	270	36.0	11	0.97	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-14
AHU-16B	TUNNEL AREA LEVEL E PAD MOUNTED	4100	1.65	500	7.5	3	460	40	3	460	4	N/A	N/A	N/A	N/A	N/A	N/A	77.0/64.3	53.8/53.0	102.7	138.8	17.4	4	0.77	550.0	EXISTING DUCT-MOUNTED LUMALIER UV LIGHTING SYSTEM TO REMAIN					2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(1)(5)(6)(7)	TRANE	PCC-8
ALTERNATE BID NO. 1 AHU-1B	GYM/ GYMNASIUM	4000	0.55	500	3	3	1.15	N/A	N/A	N/A	N/A	67.2	93.5	114	9.3	5	0.25	75.8/63.4	54.4/53.8	94	113	15.0	5	0.46	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-12
ALTERNATE BID NO. 2 AHU-2B	GYM/ GYMNASIUM	4000	0.55	500	3	3	1.15	N/A	N/A	N/A	N/A	67.2	93.5	114	9.3	5	0.25	75.8/63.4	54.4/53.8	94	113	15.0	5	0.46	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	ANGLED	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-12
ALTERNATE BID NO. 3 AHU-11B	SHOP/ SHOP AREA	2400	1.02	500	2	3	1.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.3/66.4	54.0/53.4	65.58	96.0	11.8	2.46	0.89	550.0	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	FLAT	MERV-8	A	3	0.75		(3)(5)(6)(7)	TRANE	PCC-4

* VIBRATION ISOLATION TYPES AND DESIGNATIONS ARE PER 2007 ASHRAE HANDBOOK-HVAC APPLICATIONS, CHAPTER 47, TABLE 48.

AIR HANDLING UNIT SCHEDULE REMARKS

1. NEW VERTICAL CENTRAL STATION AIR HANDLING UNIT.
2. NEW HORIZONTAL CENTRAL STATION AIR HANDLING UNIT
3. NEW HORIZONTAL SUSPENDED AIR HANDLING UNIT
4. NEW MULTIZONE AIR HANDLING UNIT
5. FIELD MEASURE EXISTING AHU DIMENSIONS AND VERIFY AVAILABLE CLEARANCES, SPACE AVAILABLE FOR NEW AHU'S, AND BUILDING AHU INGRESS REQUIREMENTS BEFORE ORDERING THE AHU'S. NOTIFY ENGINEER OF ANY AHU'S THAT WILL NOT FIT IN EXISTING SPACE WITH ADEQUATE MAINTENANCE ACCESS. CONTRACTOR SHALL INCLUDE THE DISASSEMBLY/REASSEMBLY OF THE AHU'S AS REQUIRED FOR AHU EGRESS INTO THE BUILDING.
6. SEE AHU SECTIONS ON SHEET M-702 FOR REQUIRED FAN ACCESS SECTIONS. VERIFY HAND OF ACCESS SECTIONS WITH FIELD CONDITIONS.
7. REPLACE EXISTING MOTOR CONTROLLER

AHU-1A, AHU-2A, AHU-8A: SUSPENDED HORIZONTAL AHU WITH ANGLED FILTER SECTION, CHILLED WATER COIL, HEATING WATER COIL IN REHEAT POSITION, & FAN SECTION WITH FRONT DISCHARGE. (OSA AND RETURN AIR DAMPERS ARE DUCT MOUNTED).
AHU-5A: SUSPENDED HORIZONTAL AHU WITH ANGLED FILTER SECTION, HEATING WATER COIL IN PRE-HEAT POSITION, CHILLED WATER COIL, & FAN SECTION WITH FRONT DISCHARGE. (OSA AND RETURN AIR DAMPERS ARE DUCT MOUNTED).
AHU-9A AND AHU-10A: PAD MOUNTED VERTICAL AHU WITH ANGLED FILTER SECTION, ELECTRIC HEATING COIL SECTION WITH FINNED TUBULAR HEATING ELEMENTS, CONTACTORS, AND CONTROL PANEL, CHILLED WATER COIL, HEATING WATER COIL IN REHEAT POSITION, & FAN SECTION WITH TOP DISCHARGE. (OSA AND RETURN AIR DAMPERS ARE DUCT MOUNTED).
AHU-21A: TWO DECK, TWO ZONE SUSPENDED HORIZONTAL MULTIZONE AHU WITH 1200 CFM IN ZONE 1 AND 1950 CFM IN ZONE 2. PROVIDE WITH ANGLES FILTER SECTION, FAN SECTION, TWO DECK TWO ZONE MULTIZONE SECTION WITH COOLING COIL & EQUALIZER BAFFLES IN THE COOLING COIL BYPASS SECTION. UNIT HAS HORIZONTAL DISCHARGE. TWO DUCT MOUNTED HEATING COILS PROVIDE HEAT FOR THIS SYSTEM.
AHU-8B AND AHU-9B: SUSPENDED HORIZONTAL AHU WITH ANGLED FILTER SECTION, CHILLED WATER COIL, HEATING WATER COIL IN REHEAT POSITION, FAN SECTION WITH FRONT DISCHARGE.
AHU-16B: PAD MOUNTED VERTICAL AHU WITH ANGLED FILTER SECTION, ELECTRIC HEATING COIL SECTION WITH FINNED TUBULAR HEATING ELEMENTS AIR CONTROL PANEL, CHILLED WATER COIL, FAN SECTION WITH TOP DISCHARGE. (OSA AND RETURN AIR DAMPERS ARE DUCT MOUNTED). TWO DUCT MOUNTED HEATING COILS PROVIDE ADDITIONAL HEAT FOR THIS SYSTEM.

AHU-1B AND AHU-2B: SUSPENDED HORIZONTAL AHU WITH ANGLED FILTER SECTION, HEATING WATER COIL IN PRE-HEAT POSITION, CHILLED WATER COIL WITH INTERNAL FACE AND BYPASS DAMPERS AND BYPASS EQUALIZER BAFFLES, & FAN SECTION WITH FRONT DISCHARGE. (OSA DAMPER IS DUCT MOUNTED).
AHU-11B: SUSPENDED HORIZONTAL AHU WITH FLAT FILTER SECTION, CHILLED WATER COIL, & FAN SECTION WITH FRONT DISCHARGE. (OSA AND RETURN AIR DAMPERS ARE DUCT MOUNTED). THREE DUCT MOUNTED HEATING COILS PROVIDE HEAT FOR THIS SYSTEM.

ROOFTOP AIR HANDLING UNIT SCHEDULE

MARK	AREA SERVED	SUPPLY FAN CFM/ RETURN FAN CFM	OUTSIDE AIR CFM	SUPPLY FAN/ RETURN FAN EXTERNAL S.P., IN.WG	SUPPLY AIR FAN MOTOR HP	SUPPLY AIR FAN MOTOR PH	SUPPLY AIR FAN MOTOR VOLTS	RETURN AIR FAN MOTOR HP	RETURN AIR FAN MOTOR PH	RETURN AIR FAN MOTOR VOLTS	COILS: ELECTRIC PREHEAT COIL KW	ELECTRIC PREHEAT COIL PH	ELECTRIC PREHEAT COIL VOLTS	ELECTRIC PREHEAT COIL NO. OF STAGES	HEATING COIL E.A.T., °F DB	HEATING COIL L.A.T., °F DB	HEATING COIL COIL HEATING CAPACITY, MBH	HEATING COIL GPM AT 105°F EWT & 85°F LWT	HEATING COIL MAX. WATER P.D., FT.	HEATING COIL AIR P.D. AT MAX CFM (IN.W.G.)	HEATING COIL ESTIMATED COIL DIMENSIONS	COOLING COIL E.A.T. °F DB/WB	COOLING COIL L.A.T. °F DB/WB	COOLING COIL SENSIBLE CAPACITY MBH	COOLING COIL TOTAL CAPACITY MBH	COOLING COIL MAXIMUM GPM AT 45°F E.W.T.	COOLING COIL MAXIMUM WATER P.D. (FEET)	COOLING COIL MAX. AIR P.D., IN. W.G.	COOLING COIL MAXIMUM FACE VELOCITY (F.P.M.)	COOLING COIL ESTIMATED COIL DIMENSIONS	ULTRAVIOLET LIGHT SECTION PH	UV VOLTS	UV MCA	UV MOCP	UV NO. OF LAMPS/ WATTAGE OF LAMPS	FILTERS TYPE	FILTER BANK TYPE	FILTER EFFICIENCY	FAN VIBRATION ISOLATION* BASE TYPE	ISOLATION TYPE	MINIMUM DEFLECTION (INCHES)	MOTOR CONTROLLER	REMARKS	EQUAL TO MFR.	EQUAL TO MODEL
RTU-1	JAIL AREA 5TH FLOOR	6750/ 6750	1320	2.4/0.95	10	3	460	5	3	460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	77.7/64.8	51.6/51.5	193.8	262.9	49.0	5	0.92	550.0	N/A	1	120	1.93	3.46	PROVIDE MANUFACTURERS RECOMMENDED QUANTITY & WATTAGE	4" PLEATED DISPOSABLE	ANGLED	MERV-8	B	3	0.75	VFC WITH DISCONNECT FOR EACH SUPPLY & RETURN FAN	(1)(2)(3)	TRANE	PCC-14
RTU-2	JAIL AREA 5TH FLOOR	5600/ 5600	1080	2.4/0.95	7.5	3	460	5	3	460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	77.6/64.8	51.6/51.5	160	218	42.0	5	0.79	550.0	N/A	1	120	1.93	3.46		4" PLEATED DISPOSABLE	ANGLED	MERV-8	B	3	0.75		(1)(2)(3)	TRANE	PCC-12
RTU-3	JAIL AREA 6TH FLOOR	10100/ 10100	1320	1.9/0.7	15	3	460	7.5	3	460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	75.6/63.2	51.7/51.6	265	330	57.0	5	0.8	550.0	N/A	1	120	1.93	3.46		4" PLEATED DISPOSABLE	ANGLED	MERV-8	B	3	0.75		(1)(2)(3)	TRANE	PCC-21
RTU-4	JAIL AREA 6TH FLOOR	9900/ 9900	1080	1.9/0.7	10	3	460	7.5	3	460	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	74.9/62.5	51.7/51.6	248.1	335.0	50.0	5	0.86	550.0	N/A	1	120	1.93	3.46		4" PLEATED DISPOSABLE	ANGLED	MERV-8	B	3	0.75		(1)(2)(3)	TRANE	PCC-21

1. NEW ROOFTOP AHU. ROOFTOP AHU'S SHALL BE INSTALLED ON EXISTING VIBRATION ISOLATION CURBS. PROVIDE ADAPTER CURB FOR CONNECTION TO EXISTING ROOF CURB, CONNECTION TO EXISTING SUPPLY/ RETURN AIR DUCTS AND THEIR ASSOCIATED SECURITY BARS. MANUFACTURER SHALL CONFIRM THAT RTU'S FIT ON THE EXISTING CURBS, AND THAT THERE IS NO INTERFERENCE WITH OUTSIDE AIR AND EXHAUST/RELIEF AIR HOODS OF ADJACENT RTU'S IN CLOSE PROXIMITY. EXISTING ROOFTOP UNITS ARE APPROXIMATELY 234 INCHES LONG BY 94 INCHES WIDE.
2. PROVIDE WITH RETURN FAN SECTION, EXHAUST/RELIEF SECTION WITH EXHAUST/RELIEF DAMPERS, MIXING BOX WITH RETURN AIR DAMPERS & OSA INTAKE DAMPERS, ANGLED FILTER SECTION, COOLING COIL SECTION WITH PIPING CABINET, AND SUPPLY FAN SECTION. PROVIDE WITH HINGED ACCESS DOORS. PROVIDE WITH UV LIGHTING SYSTEM WITH DOOR INTERLOCKS. PROVIDE WITH INLET PIEZOMETRIC RINGS AT RETURN AND SUPPLY FANS. PROVIDE WITH DISCONNECT SWITCHES WITH EARLY BREAK CONTACTS FOR EACH SUPPLY FAN AND EACH RETURN FAN.
3. PROVIDE VFC'S FOR RTU-1, 2, 3, & 4 SUPPLY FANS AND RETURN FANS.

* VIBRATION ISOLATION TYPES AND DESIGNATIONS ARE PER 2007 ASHRAE HANDBOOK-HVAC APPLICATIONS, CHAPTER 47, TABLE 48.

EXISTING BUILT-UP AIR HANDLING UNIT MODIFICATION SCHEDULE

MARK	AREA SERVED	SUPPLY AIR CFM	TOTAL S.P., IN. WG	EXTERNAL S.P., IN. WG	OUTSIDE AIR CFM	SUPPLY AIR FAN MOTOR HP	SUPPLY AIR FAN MOTOR PH	SUPPLY AIR FAN MOTOR VOLTS	COILS: STEAM PREHEAT COIL E.A.T., °F DB	STEAM PREHEAT COIL L.A.T., °F DB	STEAM PREHEAT COIL STEAM PRESSURE, PSIG	STEAM PREHEAT COIL STEAM CAPACITY, POUNDS/ HR.	STEAM PREHEAT COIL COIL HEATING CAPACITY, MBH	STEAM PREHEAT COIL MAX. FACE VELOCITY, FPM	STEAM PREHEAT COIL AIR P.D. AT MAX CFM (IN.W.G.)	STEAM PREHEAT COIL ESTIMATED COIL DIMENSIONS (FIELD VERIFY)	COOLING COIL E.A.T. °F DB/WB	COOLING COIL L.A.T. °F DB/WB	COOLING COIL SENSIBLE CAPACITY MBH	COOLING COIL TOTAL CAPACITY MBH	COOLING COIL MAXIMUM GPM AT 43°F E.W.T./ 59°F LWT	COOLING COIL MAXIMUM WATER P.D.	COOLING COIL MAX. AIR P.D.,	COOLING COIL MAXIMUM FACE VELOCITY	COOLING COIL ESTIMATED COIL DIMENSIONS (FIELD VERIFY)	ULTRAVIOLET LIGHT SECTION PH	UV VOLTS	UV MCA	UV MOCP	UV NO. OF LAMPS/ WATTAGE OF LAMPS	FILTERS TYPE	FILTER BANK SIZE	MAXIMUM FACE VELOCITY	FILTER EFFICIENCY	FAN VIBRATION ISOLATION* BASE TYPE	ISOLATION TYPE	MINIMUM DEFLECTION (INCHES)	MOTOR CONTROLLER	REMARKS	EQUAL TO MFR.	EQUAL TO MODEL
AHU-22A	ADMIN AREA 1ST THRU 12TH FLOORS	80000		7.3	8100	SEE THE "BUILT-UP AHU SUPPLY AND RETURN FAN" SCHEDULE FOR INFORMATION			66.0	75.0	5.0	819.0	778	550		8 COILS AT 56" W x 35" TALL	79.2/66.4	58.6/53.0	1779.84	3286.8	400.0	10	0.8	550.0	6 COILS AT 72" W x 50" TALL	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	156" WIDE x 144" TALL (42 FILTERS)		MERV-8	B	3	2.5	VFC WITH DISCONNECT FOR EACH SUPPLY AND RETURN FAN	(1)(2)(3)(4)(5)(6)(7)(8)	EXISTING TO REMAIN	
AHU-23A	ADMIN AREA 1ST THRU 12TH FLOORS	80000		7.3	8100				66.0	75.0	5.0	819.0	778	550		8 COILS AT 56" W x 35" TALL	79.2/66.4	58.6/53.0	1779.84	3286.8	400.0	10	0.8	550.0	6 COILS AT 72" W x 50" TALL	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	156" WIDE x 144" TALL (42 FILTERS)		MERV-8	B	3	2.5		(1)(2)(3)(4)(5)(6)(7)(8)	EXISTING TO REMAIN	
AHU-24A	ADMIN AREA 2ND THRU 12TH FLOORS	100000		7.4	8900				66.4	75.0	5.0	978.0	929	550		8 COILS AT 68" W x 35" TALL	78.7/66.0	51.5/51.0	2937.6	4486.5	545.0	10	0.8	550.0	10 COILS AT 84" W x 31" TALL	N/A	N/A	N/A	N/A	N/A	2" PLEATED DISPOSABLE	204" WIDE x 144" TALL (54 FILTERS)		MERV-8	B	3	2.5		(1)(2)(3)(4)(5)(6)(7)(8)	EXISTING TO REMAIN	

* VIBRATION ISOLATION TYPES AND DESIGNATIONS ARE PER 2007 ASHRAE HANDBOOK-HVAC APPLICATIONS, CHAPTER 47, TABLE 48.

BUILT-UP AIR HANDLING UNIT SCHEDULE REMARKS

1. THE EXISTING BUILT-UP HORIZONTAL AHU CASING SHALL REMAIN IN PLACE WITH MODIFICATIONS AS DESCRIBED IN THIS PROJECT.
2. REPLACE EXISTING SUPPLY FANS AND RETURN FANS WITH MIXED FLOW INLINE FANS ON ISOLATED FRAME WITH PREMIUM EFFICIENCY INVERTER RATED MOTOR, BELT GUARD, INLET PIEZOMETRIC RING, RESTRAINED SPRING ISOLATORS, INLET SAFETY SCREEN, DISCHARGE SAFETY SCREEN, SHAFT GROUNDING RING. SEE THE BUILT-UP AHU SUPPLY AND RETURN FAN SCHEDULE FOR MORE INFORMATION.
3. REPLACE EXISTING STEAM PREHEAT COIL. VERIFY COIL SIZES WITH FIELD CONDITIONS.
4. REPLACE EXISTING COOLING COIL AND DRAIN PANS. THE NEW COOLING COIL DRAIN PANS SHALL BE SLOPED STAINLESS STEEL TYPE WITH INTERMEDIATE DRAIN PANS AT EACH LEVEL WITH DRAIN OPENINGS AT SAME LOCATIONS AS EXISTING FOR CONNECTION TO EXISTING CONDENSATE DRAINAGE SYSTEM. VERIFY COIL SIZES WITH FIELD CONDITIONS. DRAIN PANS SHALL EXTEND A MINIMUM OF 12 INCHES BEYOND COOLING COIL ON THE DISCHARGE FACE OF THE COOLING COIL. COOLING COIL DRAIN PANS SHALL BE A MINIMUM 3 INCHES DEEP. CONDENSATE DRAIN PIPING BETWEEN UPPER DRAIN PANS AND THE LOWER DRAIN PAN SHALL BE MINIMUM 2 INCH COPPER PIPE.
5. REMOVE EXISTING FILTERS FROM FILTER HOLDING FRAME AND REPLACE WITH 2" MERV 8 PLEATED FILTERS. VERIFY FILTER RACK SIZE AND FILTER QUANTITY WITH FIELD CONDITIONS.
6. CONTRACTOR SHALL INCLUDE THE DISASSEMBLY/REASSEMBLY OF THE FANS, EXISTING AHU CASING, COILS, ETC. AS REQUIRED FOR COMPONENT EGRESS INTO THE BUILDING AND EGRESS INTO THE AHU CASING.
7. REPLACE EXISTING VARIABLE FREQUENCY CONTROLLERS.
8. REPLACE UNIT MOTORIZED CONTROL DAMPERS AS SHOWN ON CONTROL DRAWINGS.

4/7/2015 4:21 PM MIKE GLOVER

REVISIONS:

PROJECT #: 24308.00
DATE: APRIL 10, 2015
DRAWN BY: JTC
DESIGNER: JTC
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SEAL: JONATHAN R. FOSHEE REGISTERED ENGINEER STATE OF TENNESSEE No. 23386 AGRICULTURE COMMERCE 4/10/15

SHEET NUMBER: M-601

DESCRIPTION: MECHANICAL SCHEDULES I