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AIR CONDITIONING SYSTEM SCHEDULE

UNIT NO.	MAKE	AIR HANDLING UNIT DATA						E.A.T.		L.A.T.		CAPACITY DATA				AIR COOLED CONDENSING UNIT DATA				REMARKS
		MODEL	CFM	EXT. SP	FAN FLA	V/φ	DB	WB	DB	WB	COOLING		HEATING		PLAN MARK	MODEL	VOLTS/φ	COMP. R.L.A.	FAN F.L.A.	
											TOTAL	SENS.	KW	Vφ						
AHU-1	TRANE	TAM4A0A18	500	0.3	2.4	240/1	77.0	65.0	57.0	55.2	17.4	12.8	3.6	240/1	CU-1	4TTR4018	208/1	9	0.6	①②③④⑤⑥

① ALL CONDENSATE DRAIN LINES SHALL BE FULL SIZE OF THE DRAIN CONNECTION OR 3/4" DIA., WHICHEVER IS LARGER.

② 14.5 SEER MINIMUM FOR MATCHED PAIR SYSTEM.

③ 24 HR 7 DAY DIGITAL PROGRAMMABLE BACNET COMMUNICATING THERMOSTAT

④ DESIGN CRITERIA IS FOR A FACTORY "MATCHED PAIR" CONDENSER/EVAPORATER. SUBMIT COMBINATION RATINGS FOR MATCHED SYSTEM AT SPECIFIED CONDITIONS.

⑤ FIELD APPLIED CONDENSER COIL COATING. 5000 HR SALT-SPRAY ASTM-B117 CERTIFIED.

⑥ REFRIGERANT = R410A

LEGEND

	REVISIONS
	ACCESS PANEL (CEILING MOUNTED)
A.F.F.	ELEVATION/ABOVE FINISHED FLOOR
EA	EXHAUST AIR
	NEW EXHAUST DUCTWORK FIRST DESIGNATION IS SIDE SHOWN.
	TURNING VANES (NUMBER OF VANES SHALL BE BASED ON ACTUAL DUCT SIZE & NOT ON SCHEMATIC SYMBOL ON DRAWING - SEE SMACNA)
	EXHAUST FAN
	EXHAUST GRILLE
	FLEXIBLE DUCT CONNECTION
	VOLUME DAMPER (WITH OR WITHOUT MD)
Ⓣ	THERMOSTAT OR TEMPERATURE SENSOR

PLAN MARK DESIGNATION

<p>PLAN MARK:</p> <p>EF = EXHAUST FAN</p> <p>AHU = AIR HANDLING UNIT</p> <p>CU = CONDENSING UNIT</p>	
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EXHAUST FAN SCHEDULE

PLAN MARK	MAKE	MODEL NUMBER	CFM	E.S.P. IN INCHES H ₂ O	DRIVE	SONES	FAN RPM	MOTOR				MOUNTING	REMARKS	FAN CONTROL	
								HP	RPM	VOLTS	PH				
EF-1	NOT USED														
EF-2	GREENHECK	SQ-97-VG	100	0.50	DIRECT	8.8	1272	1/4	1272	120	1	IN-LINE	①②③④⑤	INTERLOCK WITH AHU-1	
EF-3	GREENHECK	SQ-98-VG	500	0.50	DIRECT	13.5	1622	1/4	1622	120	1	IN-LINE	①②③④⑤⑥	FAN SHALL RUN CONTINUOUSLY	
EF-4	GREENHECK	SQ-60-D	100	0.25	DIRECT	3.8	1528	1/40	1528	120	1	IN-LINE	①②③④⑤⑦	TSTAT SET TO 80°F	

① ALUMINUM BACKDRAFT DAMPER

② HUNG FROM STRUCTURE WITH SPRING VIBRATION ISOLATORS

③ ELECTRONIC SPEED CONTROLLER MOUNTED AT FAN, OR LOCATE ABOVE NEAREST ADJACENT ACCESSIBLE CEILING.

④ PROVIDE WITH INSULATED HOUSING AND MOTOR COVER

⑤ PROVIDE WITH DISCONNECT

⑥ COORDINATE WITH DIVISION 16, HORN AND STROBE MONITORING. SEE PLANS

⑦ PROVIDE WITH INLET GUARD

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

PLAN MARK	MAKE	MODEL NUMBER	MODULE SIZE	NECK SIZE	FINISH ⑤	MATERIAL	MOUNTING	REMARKS
CD-1	TITUS	TDC-AA	12x12	10x10	OFF-WHITE	ALUMINUM	SURFACE	①②
EG-1	TITUS	350FL	10x10	6x6	OFF-WHITE	ALUMINUM	SURFACE	①③④
EG-2	TITUS	350FL	10x10	8x8	OFF-WHITE	ALUMINUM	SURFACE	①③④
TG-1	TITUS	350FL	16x16	16x16	OFF-WHITE	ALUMINUM	SURFACE	①③④

① CONFIRM ALL MOUNTING TYPES WITH ACTUAL CEILING CONSTRUCTION PRIOR TO ORDERING AND INSTALLATION

② THROW PATTERN AS INDICATED BY ARROWS ON FLOOR PLANS

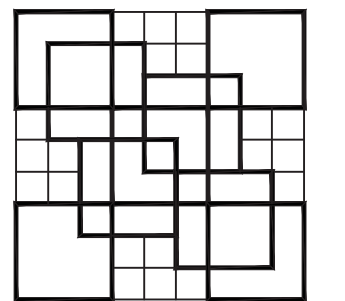
③ FLANGED BORDER

④ POSITION SO BLADES POINT TOWARDS THE WALL (CEILING MOUNTED) OR CEILING (WALL MOUNTED).

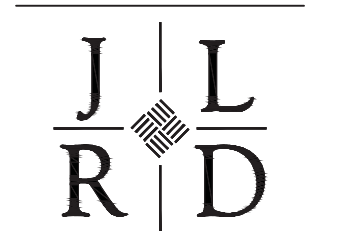
⑤ COLOR TO MATCH SURFACE THAT GRILLE IS MOUNTED IN.

GENERAL MECHANICAL NOTES

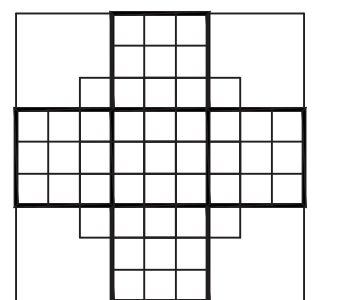
1. ALL SUPPLY, EXHAUST, AND OUTSIDE AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL. DUCTS SHALL BE FABRICATED IN COMPLIANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE." REFER TO THE PROJECT SPECIFICATIONS FOR PRESSURE CLASSIFICATION AND SEALING REQUIREMENTS.
2. EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE UNINSULATED. ALL DUCTWORK SHALL BE SLOPED BACK TOWARDS LOUVER AT 1/8 INCH PER FOOT.
3. EXACT LOCATION OF AIR DISTRIBUTION DEVICES SHALL BE COORDINATED WITH THE ARCHITECTURAL CEILING PLANS.
4. COORDINATE INSTALLATION WITH ALL OTHER INVOLVED TRADES. IN THE CASE OF CONFLICT BETWEEN DRAWINGS AND SPECIFICATION, THE MORE STRINGENT REQUIREMENT AS DETERMINED BY THE ARCHITECT / ENGINEER SHALL TAKE PRECEDENT.
5. REFER TO PLANS FOR ADDITIONAL NOTES.
6. ELEVATIONS GIVEN: B.E. = BOTTOM ELEVATION, C.E. = CENTERLINE ELEVATION, T.E. = TOP ELEVATION, ARE TAKEN FROM THE CONCRETE FLOOR SLAB. THESE ELEVATIONS ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION OF ANY DUCTWORK OR PIPING.
7. PROVIDE SINGLE THICKNESS METAL TURNING VANES IN ALL SQUARE ELBOWS INCLUDING SUPPLY, RETURN, EXHAUST, RELIEF AND OUTSIDE AIR DUCTS. WHERE UNEQUAL SQUARE ELBOWS ARE SHOWN, TURNING VANES WITH TRAILING EDGE EXTENSIONS SHALL BE USED.
8. DOCUMENTS ARE SCHEMATIC IN NATURE AND DO NOT INDICATE EVERY BEND, ELBOW, OR OFFSETS REQUIRED IN DUCTWORK AND PIPING. FIELD VERIFY ALL SIZES AND ELEVATIONS PRIOR TO FABRICATION/INSTALLATION. PROVIDE MODIFICATIONS WHERE REQUIRED FOR COORDINATION IN BASE CONTRACT PRICE AT NO ADDITIONAL COST.
9. ENDS OF DUCTWORK SHALL BE KEPT SEALED USING PLASTIC SHEETING AND DUCT TAPE DURING CONSTRUCTION.
10. EQUIPMENT SHALL BE SUPPLIED AND INSTALLED WITH PROVISION FOR IN-PLACE CLEANING AND SIMILAR MAINTENANCE TASKS IN ACCORDANCE WITH THE REQUIREMENTS OF ASHRAE 62-2007.
11. ACCESS PANELS SHOWN IN HARD CEILINGS SHALL BE A MINIMUM OF 18 X 18 TO ALLOW FOR TEST AND BALANCE ACCESS. WHERE 18 X 18 ACCESS DOOR CANNOT BE USED DUE TO CONFLICT, PROVIDE MAXIMUM ALLOWABLE PANEL AS NOT TO CONFLICT WITH OTHER TRADES. COORDINATE COLOR OF PANEL WITH ARCHITECT.
12. PAINT INSIDE OF ALL VISIBLE PLENUMS FLAT BLACK.
13. EXTERIOR MOUNTED EQUIPMENT SHALL BE DESIGNED, MANUFACTURED, AND INSTALLED TO WITHSTAND THE APPLIED WIND FORCE. THE APPLICABLE WIND FORCE SHALL BE AS DETERMINED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE CHAPTER 16. A "SPECIALTY ENGINEER" LICENSED TO PRACTICE IN FLORIDA SHALL DETERMINE THE APPLICABLE WIND FORCE AND CERTIFY THE PROPOSED EQUIPMENT CONSTRUCTION AND MOUNTING MEETS THE APPLIED WIND FORCE WITH SUITABLE DOCUMENTATION PROVIDED TO THE PERMITTING AUTHORITIES.



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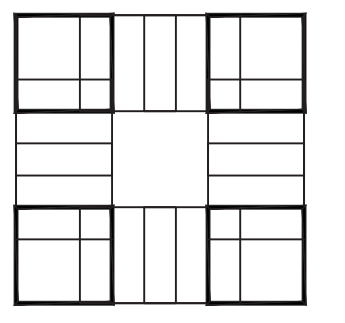
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 R.G. KREIBLER PARK
 RESTROOM BUILDING
 AND ENTRY DRIVE
 MODIFICATIONS
PBC NO 14204
2006 SOUTH OCEAN BLVD.

LAKE WORTH
 FLORIDA

PROJECT NO.
 201402
 JLRD NO.
 115042



SHEET TITLE:
LEGEND, GENERAL NOTES AND SCHEDULES

REVISIONS:

DATE
 11/20/15
 DRAWN BY:
BDS
 CHECKED BY:
MPL

SHEET NUMBER:
M-1