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SUPPLY / RETURN AIR DIFFUSER SCHEDULE											
TAG	MANUF. & MODEL	FACE SIZE	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	THROW	NC	CFM RANGE	NOTES
A	PRICE ASCDA	24X24	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	OBD	4-WAY	MAX. 30	SEE SCH.	1-7
AA	PRICE 70	24X24	-	ALUM.	LAY-IN	OFF WHITE	OBD	-	MAX. 30	SEE SCH.	1-7
B	PRICE ASCDA	12X12	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	OBD	4-WAY	MAX. 30	SEE SCH.	1-7
BB	PRICE 70	12X12	-	ALUM.	LAY-IN	OFF WHITE	OBD	-	MAX. 30	SEE SCH.	1-7
(*) EQUIVALENT MANUFACTURER: TITUS, METALAIRE, CARNES, T & B, NAILOR											
GENERAL NOTES:											
1. PROVIDE SPIN-IN COLLAR WITH VOLUME DAMPER AT TRUNK TO FLEX DUCT CONNECTION (SEE DETAIL).											
2. PROVIDE TYPICAL 4-WAY DIFFUSION, 2-WAY OR 3-WAY ONLY WHERE INDICATED ON PLANS.											
3. REFER TO ARCHITECT PLANS FOR CEILING TYPE.											
4. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL.											
5. FLEX DUCT SIZE TO BE SAME AS DIFFUSER NECK SIZE.											
6. PROVIDE INSULATION ON THE BACK OF DIFFUSER IF IN UNCONDITIONED SPACE.											
7. PROVIDE VOLUME CONTROL DAMPERS FOR ALL RETURN GRILLES OR REGISTERS FOR BALANCED AIRFLOW.											
CONTRACTOR SHALL VERIFY WITH ARCHITECT AND TENANT/OWNER, PRIOR TO ANY PURCHASING OR INSTALLATION, IF A BUILDING STANDARD HAS TO BE FOLLOWED REGARDING A SPECIFIC MODEL OR MANUFACTURER AND SHALL BRING ANY DISCREPANCY TO THE ATTENTION OF ENGINEER.											

FLEX SCHEDULE	
6ø"	50-125 CFM
8ø"	130-200 CFM
10ø"	205-330 CFM
12ø"	335-450 CFM
14ø"	455-700 CFM

FAN SCHEDULE																
SELECTION DATA				FAN DATA				MOTOR DATA				GENERAL DATA				
TAG	SERVICE AREA	MANUF.(*)	MODEL	CONFIG.	CFM	ESP ("WG)	SONES	HP	RPM	DRIVE	VOLTAGE	WEIGHT (LBS)	DIMENSIONS L"xW"xH"	OPENING L"xW"	CONTROL	ACCESSORIES
EF-1, 2	EQUIPMENT STORAGE	GREENHECK	TBI-CA-3H24	INLINE	4500	0.25	18.4	1/2	1014	BELT	208/1/60	192	23X28X42	24.38X24.38	CONTINUOUS	SEE NOTES
EF-3	STORAGE SMALL TOOL	GREENHECK	SQ-90-VG	INLINE	275	0.25	4.5	1/6	1140	BELT	208/1/60	49	16X15X15	11.875X11.875	CONTINUOUS	SEE NOTES
EF-4	PARTS ROOM	GREENHECK	SQ-90-VG	INLINE	375	0.25	2.5	1/6	811	BELT	208/1/60	49	16X15X15	11.875X11.875	CONTINUOUS	SEE NOTES
(*) APPROVED EQUAL MANUFACTURER: GREENHECK, REVERSOMATIC, ACME, COOK, TWIN-CITY, PENN																
GENERAL FAN NOTES:																
ACCESSORIES NOTES:																
a. MOTOR STARTERS, DISCONNECTS (IF NOT FACTORY PROVIDED) AND ALL EQUIPMENT NORMAL POWER WIRING BY ELEC. CONTRACTOR																
b. ALL CONTINUOUS-DUTY MOTORS SHALL BE PROVIDED WITH OVERLOAD PROTECTION ACCORDING TO NATIONAL ELECTRICAL CODE PAR. 430-32.																
c. FIELD ADJUST OPENINGS WITH STRUCTURE.																
d. ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL ZONING NOISE ORDINANCE OR NOT EXCEED A NOISE LEVEL OF 65dB AS MEASURED RADIALLY 30 FT. FROM THE EQUIPMENT IN ALL DIRECTIONS.																
e. COORDINATE WITH ELECTRICAL CONTRACTOR BEFORE BIDDING OR ORDERING ANY EQUIPMENT.																
f. SEE PROJECT PLANS AND SPECIFICATIONS FOR OTHER FIELD SUPPLIED ITEMS AND ADDITIONAL INFORMATION.																
g. ALL FANS ON ROOF SHALL BE PAINTED AS PER ARCHITECTURAL SPECS.																
1. PROVIDE GRILLE COLOR PER ARCH. SPECS																
2. PROVIDE BACK DRAFT DAMPER																
3. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH AND INTEGRAL THERMAL OVERLOAD PROTECTION, COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ANY PURCHASING.																
4. PROVIDE STEP DOWN TRANSFORMER AS REQUIRED.																
5. PROVIDE INTEGRAL GRILLE																
6. PROVIDE COMPLETE WITH FILTERS																
7. PROVIDE BIRD SCREEN																
8. LOCATE BACK DRAFT DAMPER AT DISCHARGE																
9. SUPPORT FROM STRUCTURE COMPLETE WITH VIBRATION ISOLATORS																

AIR CONDITIONING SPLIT SYSTEM EQUIPMENT SCHEDULE																
CONDENSING UNIT																
CU TAG	MANUFACTURER & MODEL	NOMINAL TONNAGE	CAP. STAGES	(S)EER/PLV	REFRIG./LBS	LIQ./SUCT.	NO. FANS	FAN FLA(EA)	NO. COMP.	COMP.RLA(EA)	VOLTAGE/PH	MCA/MOCP	WEIGHT (LBS)	L x W x H (IN)	NOTES	
CU-1	TRANE TRUZA0241HA70NA	2.0	—	19.6/—	R-410A/—	SEE NOTES	1	0.4	1	—	208-230/1	19/26	153	13X38X38	1-5,8,11,15,16,17	
CU-2	TRANE TRUZA0121KA70NA	1.0	—	27.0/—	R-410A/—	SEE NOTES	1	0.5	1	7.0	208-230/1	11/28	93	12X32X25	1-5,8,11,15,16,17	
CU-3	TRANE TRUZA0181KA70NA	1.5	—	24.6/—	R-410A/—	SEE NOTES	1	0.5	1	7.0	208-230/1	11/28	100	12X32X25	1-5,8,11,15,16,17	
CU-4	TRANE PUY-A12NKA7	1	—	27.0/—	R-410A/—	SEE NOTES	1	0.5	1	7.0	208-230/1	11/28	93	12X32X25	1-5,8,11,15,16,17	
AIR HANDLING UNIT																
AHU TAG	MANUFACTURER & MODEL	TOTAL MBH	SENSIBLE MBH	TOTAL CFM	O/A CFM	E.S.P.(“WG.)	ENT. DB/WB	LEAV. DB/WB	ROWS/FPI	FAN HP	HEATER MBH	VOLTAGE/PH	MCA/MOCP	WEIGHT (LBS)	L x W x H (IN)	NOTES
AHU-1A, 1B	TRANE TPLA0A0121EA70A	12	10.3	350	—	0.25	76.5/63.4	55/53	—	—	11.5/11.5	208-230/1	1/—	46	33X33X10	1,6,7,9,10,12,14
AHU-2	TRANE TPLA0A0121EA70A	12	10.3	375	—	0.25	76.5/63.4	55/53	—	—	12.4	208-230/1	1/—	46	33X33X10	1,6,7,9,10,12,14
AHU-3	TRANE TPLA0A0181EA70A	18	15.1	500	—	0.25	76.5/63.4	55/53	—	—	16.8	208-230/1	1/—	46	33X33X10	1,6,7,9,10,12,14
AHU-4	TRANE PLA-A12EA7	12	10.68	300	20	0.25	76.5/63.4	55/53	—	—	12.4	208-230/1	1/—	46	33X33X10	1,6,7,9,10,12,14
<b>NOTES:</b>																
1. UNITS RATED PER ARI 210, 240 AND 270, APPROVED EQUAL: AAON, CARRIER, LENNOX, TRANE																
2. PROVIDE WITH THERMAL EXPANSION VALVES, LIQUID LINE FILTER DRYER AND MULTI-USE SERVICE VALVES																
3. PROVIDE COMPRESSOR WITH CRANKCASE HEATER AND MIN. 5-YEAR WARRANTY																
4. PROVIDE HIGH AND LOW PRESSURE CONTROL AND OVER TEMPERATURE PROTECTION.																
5. PROVIDE WEATHERPROOF ELECTRIC CONTROLS AND SINGLE SIDE SERVICE ACCESS																
6. PROVIDE SINGLE POINT POWER ENTRY AND HEAVY DUTY NICKEL-CHROMIUM ELEMENT HEATER																
7. PROVIDE 1" THROWAWAY, MIN. 30% EFF. FILTER AND VIBRATION ISOLATION FOR AHU																
8. PROVIDE SPLIT FACE COIL WITH BOTTOM OF COIL ACTIVE FOR MULTIPLE CIRCUIT SYSTEM																
9. PROVIDE COASTAL CORROSION PROTECTION FOR CONDENSING UNIT, FULLY DIPPED COIL (BY MANUFACTURER)																
10. PROVIDE HOT GAS RE-HEAT (OR/AND BY-PASS IF REQUIRED), MAX. REFRIGERANT RUN 75 FEET OR AS REQUIRED BY MANUFACTURER.																
11. PROVIDE FACTORY MOUNTED FUSIBLE DISCONNECT/STARTER FOR A.H.U., COORDINATE PRIOR TO PURCHASING																
12. PROVIDE DISCONNECT FOR C.U. (INSTALLED BY ELECTRICAL) COORDINATE PRIOR TO PURCHASING																
13. PROVIDE EMERGENCY POWER, COORDINATE WITH ELECTRICAL																
14. PROVIDE FACTORY PROGRAMMABLE THERMOSTAT TO MATCH CAPACITY STAGES.																
15. PROVIDE REFRIGERANT LINES SIZE AS RECOMMENDED BY MANUFACTURER, NOT TO EXCEED 60 FT. EQUIV. LENGTH FOR LONGER RUNS COORDINATE WITH MANUFACTURER PRIOR TO PURCHASE OR ANY WORK.																
(*) CIRCUIT 1 & 2 FOR HEATER (CIRCUIT 1 INCLUDES BLOWER MOTOR AMPS)																
16. PROVIDE A LIQUID LINE SOLENOID VALVE INSTALLED AT THE AHU IF THE INSTALLED LINEAL LENGTH OF THE REFRIGERANT LIQUID LINES EXCEEDS 75 FT (FIELD VERIFY).																
17. PROVIDE A SUCTION LINE ACCUMULATOR IF THE INSTALLED LINEAL LENGTH OF THE REFRIGERANT SUCTION LINES EXCEEDS 100 FT (FIELD VERIFY).																
18. ALTERNATE CORROSION PROTECTION COATING FOR CONDENSER COIL WITH "MICROGUARD" BY ADSIL (ADVANCED SILANE TECHNOLOGY INC.) OR "FINGUARD" BY THERMOGUARD																
19. PROVIDE 3" AUXILIARY DRAIN PAN WITH AUTOMATIC SHUT OFF FLOAT SWITCH OR SENSOR SWITCH IN UNIT'S DRAIN PAN SECONDARY CONNECTION, EQUAL TO "WATER GARD"																
20. PROVIDE ELECTRIC HEATER WITH MIN. 2 STAGES IF OVER 10 KW CAPACITY.																
21. PROVIDE MOTORIZED OUTSIDE AIR DAMPER INTERLOCK WITH COMPRESSOR																
<b>COORDINATION NOTE:</b>																
MECHANICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS AND ACCESSORIES WITH ELECTRICAL CONTRACTOR PRIOR TO PURCHASING AND INSTALLATION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF ENGINEER																

ISSUED FOR PERMIT		-	
ISSUED FOR CONSTRUCTION		-	
KAMM CONSULTING PROJECT #:		2023-0419	
PROJECT MANAGER:		RON SLOAN	
			
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ISSUED FOR :  
  
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PERMIT  
  
CONSTRUCTION  
  
SEAL

JOSE AGUILA  
FL. REG# A000  
PROJECT TITLE  
**STONEBRIDGE COUNTRY CLUB GOLF MAINTENANCE BUILDING**

17501 S. STATE ROAD 7  
BOCA RATON, FL 33498  
REVISIONS

THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ARCHITECT AND ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.

DRAWING TITLE  
**MECHANICAL SCHEDULES**

DATE  
09/08/23  
DRAWN BY  
KAB  
JOB NUMBER  
220906  
DRAWING NUMBER

PERMIT SET - 10/16/23  
**M6.2**