MECHANICAL LEGEND DUCT A IS BROKEN TO SHOW DUCT B RECTANGULAR DUCT, 20×12 RETURN, EXHAUST OR O/A DUCT INSIDE DIMENSIONS WIDTH BY HEIGHT END SECTION □BEL*O*W. FIRE DAMPER, DUCT A RUNS SUPPLY AIR DIFFUSER 2 HOUR RATING M BELOW DUCT PLAN VIEW RECTANGULAR DUCT DUCT A RETURN AIR GRILLE ELBOW WITH VANES, CONTINUES ON PLAN VIEW ANOTHER DOUBLE WIDTH DRAWING. SEE KEYNOTE. ROUND SHEET METAL RECTANGULAR DUCT, DUCT TAKEOFF TRANSITION WITH SPIN-IN FITTING 8' OF FLEX ALLOWED HARD PIPE UP TO FLEX AND MANUAL DAMPER 24" RD. DRYWELL FOR CONDENSATE DRAIN (D) SUPPLY AIR DUCT END SECTION ROOM THERMOSTAT (MOUNTED 48" AFF) (X IS ASSOCIATED AHU NUMBER BALANCING DAMPER

CEI	LING R	ETURN AI	R OR	CEIL	ING DI	FFUSE	R S	CHEDU	LE
EXH	AUST REC	SISTER SCH	EDULE	exme of	AIR	NECK	RUNOUT	FACE DI	
SYMBOL	CFM	SIZE	RUNOUT SIZE *	SYMBOL	QUANTITY	SIZE	SIZE	HARD CEILING	LAY-IN CEILING
	0 - 75	8×6	10 × 6		0 - 60	6"¢	8"¢	12 × 12	24 × 24
	80 - 105	10 × 6	12 × 6	\boxtimes	65 - 150	8"4	8"¢	16 × 16	24 × 24
	110 - 175	10 × 10	12 × 8		155 - 195	8"¢	10"¢	16 × 16	24 × 24
	180 - 270	12 × 12	14 × 8		200 - 250	10"4	1Ø"¢	20 × 20	24 × 24
	275 - 325	18 × 12	2Ø×8		255 - 395	10"4	12"¢	20 × 20	24 × 24
	330 - 800	24 × 24	26 × 10		400 - 550	12"¢	12"¢	24 × 24	24 × 24
	805 - 1200	24 × 24	26 × 12		555 - 595	12"¢	14"¢	24×24	24 × 24
	1205 - 1500	24 × 24	26 × 14		600 - 745	14"¢	14"¢	24 × 24	24 × 24
* THESE SI	* THESE SIZES ARE TO BE USED UNLESS OTHERWISE NOTED ON DRAWINGS.				750 - 1000	16"4	16"¢	30 × 30	30 × 30

1. ALL DIFFUSER TO BE TITUS TYPE TMS OR EQUAL 2. RETURN GRILLES TO BE TITUS 350RL TYPE.

INDOOR UNIT DESIG	NATI O N	AHU-1A&B	AHU-2	AHU-3	AHU-4	
OUTDOOR UNIT DES	GNATION	HP-1A&B	HP-2	HP-3	HP-4	
AIR QUANTITIES		-				1
TOTAL SUPI	PLY AIR	CFM	1,295	1,255		600
OUTSIDE AI	2	CFM	5Ø	60	60	80
HEATING AND COOL	ING CAPACITIES		'			1
TOTAL HEA	TING CAPACITY	втин	33, 900			18,000
SENSIBLE C	COOLING CAPACITY	втин	25,425			13,500
TOTAL COC	LING CAPACITY	втин	36,000			18,000
AIR TEMPERATURES			•	# #	" ##	•
COOLING C	OIL ENTERING	°Fdb-°Fwb	80-67			80-67
COOLING C	OIL LEAVING	°Fdb-°Fwb	55-54			55-54
HEATING CO	DIL ENTERING AND LEAVING	°Fdb-°Fdb	52-95	<i></i>	<i></i>	52-95
INDOOR UNIT DATA				#	#	•
EXTERNAL	STATIC PRESSURE (INCL. FILTER)	IN. H2Ø	Ø.T			Ø.7
BLOWER MO	DTOR	НÞ	1/3			3/4
ELECTRICA	_ CHARACTERISTICS	V/PH	208-230/1			208-230
CONDENSA	TE DRAIN SIZE	IN.	3/4"			3/4"
FILTER LOC	ATION		UNIT			UNIT
ELECTRIC HEAT DA	TA			 	 	
HEATING TY	PE		ELECTRIC			ELECTRIC
LOCATION			SUPPLY			SUPPLY
ACTUAL HE	ATING CAPACITY (NOMINAL CAP.)	kW	6	(<i>(\ \ \ \</i>	3
VOLTAGE		V/PH	208-230/1			208-230
OUTDOOR UNIT DAT	Д					
NUMBER OF	COMPRESSORS/NUMBER OF STAGES	NO.	1	<u></u>		1
ELECTRICA	_ CHARACTERISTICS	V/PH	208-230/1	#		208-230
MCAMOCP		AMPS (EACH)	21/35			12.2/20
UNIT WEIGHT		LBS.	184			154
REFRIGERANT TYPE			R-410A			R-410A
REFRIGERANT SUCTION AND LIQUID LINE SIZES		ININ.	MFG			MFG.
SEER2			15			15
COP (HEATING)			-			-
HSPF (HEATING)			8.2			8.5
MANUFACTURER			DAIKIN			DAIKIN
MODEL NUMBER (INDOOR UNIT)						

DZ66C636

DZ6SCS18

NOTES:

- NOTES:

 1. ALL AHU'S TO BE VARIABLE SPEED WITH HUMIDITY CONTROL.
- 2. T'STAT TO BE HONEYWELL VISION PRO 8000 TYPE WITH HUMIDITY CONTROL.
- 3. PROVIDE SINGLE POINT OF POWER. 4. PROVIDE 2" FILTER & RACK.

MODEL NUMBER (OUTDOOR UNIT)

- 5. MANUFACTURE TO PROVIDE TRANSFORMER FOR ELECTRIC HEATERS.
- 6. PROVIDE LONG LINE ACCESSORY FOR REFRIGERANT LINE IF NEEDED.
- 1. PROVIDE CONDENSATE PUMP FOR ALL AHU'S. 8. REFER TO MANUFACTURE FOR INSTALL AND SERVICE CLEARANCE.

MECHANICAL GENERAL NOTES

1. THE WORK DESCRIBED HEREINAFTER SHALL BE INSTALLED SUBJECT TO THE NON TECHNICAL SPECIFICATIONS. THIS SECTION APPLIES TO ALL AIR CONDITIONING, SHEETMETAL, PIPING, AND AUTOMATIC TEMPERATURE CONTROLS WORK.

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH THAT OF OTHER TRADES. SEE ARCHITECTURAL SECTIONS FOR A DESCRIPTION OF WORK AND SEQUENCE OF CONSTRUCTION. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC IN NATURE THEY ARE HOWEVER, AS ACCURATE AS SCALE PERMITS AND THE CONTRACTOR SHALL FOLLOW THEM AS CLOSELY AS POSSIBLE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL CONDITIONS RELATING TO THE WORK IN THE FIELD PRIOR TO PROCEEDING. WITH THE WORK. THE CONTRACTOR SHALL VERIFY ALL WALLS, PARTITIONS, AND STRUCTURAL SYSTEMS BEFORE INSTALLATION AND FABRICATION OF ANY DUCTWORK OR PIPING SYSTEMS. ALL OFFSETS REQUIRED FOR INSTALLATION OF DUCTWORK, OR PIPING SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER. THE ENGINEER SHALL BE THE SOLE INTERPRETER OF THE DRAWINGS.

3. ALL MATERIALS SHALL BE NEW AND OF BEST QUALITY AND SHALL BE THE PRODUCTS OF REPUTABLE MANUFACTURERS. MATERIALS AND EQUIPMENT SHALL BE PROPERLY STORED AND PROTECTED FROM THE WEATHER AT ALL TIMES DURING CONSTRUCTION TO PREVENT UNNECESSARY CORROSION AND FOULING, ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER BY SKILLED AND COMPETENT MECHANICS. ANY WORKER CONSIDERED INCOMPETENT OR UNFIT FOR WORK ON THIS CONSTRUCTION PROJECT SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR UNDER THE DIRECTION OF THE ENGINEER.

4. THE WORK SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, ETC., WHETHER FEDERAL, STATE OR LOCAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ANY PERMITS AND PAYING ANY FEES REQUIRED IN ORDER TO PROCEED WITH THE WORK.

5. THE CONTRACTOR IS REQUIRED TO ATTEND ALL CONSTRUCTION CONFERENCES INCLUDING THE PRE-BID CONFERENCE, THE PRE-CONSTRUCTION CONFERENCE AND THE OWNER'S PROGRESS MEETINGS AS SCHEDULED BY THE ARCHITECT OR THE OWNER. FAILURE TO MAKE REFERENCES IN THE SPECIFICATIONS TO ANY ITEMS OF THE WORK SHOWN BY THE DRAWINGS, AND NECESSARY TO THE COMPLETION OF THE WORK SHALL NOT RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY TO FURNISH THE MATERIALS AND PERFORM THE WORK OF SUCH ITEMS, IN A MANNER COMPARABLE TO OTHER ITEMS OF SIMILAR NATURE FOR WHICH DETAILED SPECIFICATIONS ARE INCLUDED. DRAWINGS AND SPECIFICATIONS ARE INTENDED TO CLEARLY SET FORTH ALL WORK, AND THE DETAILED DESCRIPTION IS ADDED TO ASSIST IN ESTABLISHING THE SCOPE AND THE LOCATION OF THE SEVERAL PARTS OF THE WORK. COLLECTIVELY, THEY SHALL GOVERN AND CONTROL THE SCOPE, CHARACTER AND DESIGN OF THE WORK, AND ANY ITEM CALLED FOR IN ANY ONE OF THE DOCUMENTS SHALL BE AS THOUGH REQUIRED IN

6. ALL CUTTING AND PATCHING SHALL BE DONE BY WORKMEN SKILLED IN THE TRADES INVOLVED. ALL CUTTING SHALL BE DONE IN SUCH A MANNER AS NOT TO ENDANGER OR DAMAGE FACILITIES. ALL PATCHING SHALL FINISH FLUSH AND SMOOTH AND SHALL MATCH EXISTING ADJOINING SURFACES.

1. SEE GENERAL REQUIREMENTS FOR ELECTRICITY AND WATER. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL FUEL REQUIRED FOR THE OPERATION OF HIS CONSTRUCTION EQUIPMENT.

8. ALL FINISHED FIELD INSTALLED PRESSURE PIPING SYSTEMS SHALL BE TESTED.

9. WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, SCAFFOLDING, SERVICES, SUPERVISION, PLANT, AND PERFORMING ALL OPERATIONS REQUIRED TO PROPERLY COMPLETE ALL WORK IN ACCORDANCE WITH THESE SPECIFICATIONS AND AS INDICATED ON THE APPLICABLE DRAWINGS, SUBJECT TO TERMS AND CONDITIONS OF THE CONTRACT. THE CONTRACTOR IS REQUIRED TO HAVE A QUALIFIED AND EXPERIENCED GENERAL SUPERINTENDENT AND EXPERIENCED SUPERINTENDENT FOR EACH TRADE

INVOLVED ON THE JOB WHEN ANY WORK IS IN PROGRESS.
ALL WORK SHALL CONFORM WITH ALL LOCAL AND STATE
ORDINANCES OR REGULATIONS GOVERNING THE
INSTALLATION OF SUCH EQUIPMENT. IF WORK, AS LAID OUT,
INDICATED OR SPECIFIED IS RECOGNIZED TO BE CONTRARY
TO OR CONFLICTING WITH LOCAL ORDINANCES OR
REGULATIONS, THE CONTRACTOR SHALL REPORT SAME TO
THE ENGINEER BEFORE SUBMITTING A BID. THE ENGINEER
WILL THEN ISSUE INSTRUCTIONS AS TO PROCEDURE. IF
CONTRACTOR FAILS TO NOTIFY THE ENGINEER OF CONFLICTS

IO. THE LATEST EDITIONS OF THE ESTABLISHED STANDARDS OF THE FOLLOWING ORGANIZATIONS, AND INDIVIDUAL STANDARDS NAMED SHALL BE FOLLOWED THE SAME AS IF THEY WERE FULLY WRITTEN HEREIN AND CONSTITUTE A PART OF THE SPECIFICATION REQUIREMENTS EXCEPT WHERE OTHERWISE SPECIFIED:

OR OMISSIONS NOTED ABOVE, ALL CHANGES REQUIRED TO

COMPLY WITH ORDINANCES AND REGULATIONS SHALL BE

MADE WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

1. FLORIDA BUILDING CODE, 2020 1TH EDITION. 2. FLORIDA PLUMBING CODE, 2020 1TH EDITION. 3. FLORIDA MECHANICAL CODE, 2020 1TH EDITION. 4. NFPA 70, NATIONAL ELECTRICAL CODE

5. NFPA 101. LIFE SAFETY CODE

6. NFPA 90A, STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS

1. NFPA 91, STANDARD FOR THE INSTALLATION OF BLOWER AND EXHAUST SYSTEMS

8. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS.

THE FOREGOING RULES, STANDARDS, REGULATIONS, SPECIFICATIONS, RECOMMENDATIONS AND REQUIREMENTS SHALL BE FOLLOWED BY THE CONTRACTOR AS MINIMUM REQUIREMENTS. THEY SHALL NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIALS AND WORKMANSHIP WHICH ARE SPECIFIED HEREIN OR INDICATED ON THE DRAWINGS.

II. THE INTERIOR FACE OF DUCTWORK HOUSING SUPPLY, RETURN OR EXHAUST AIR DIFFUSERS, REGISTERS OR GRILLES SHALL BE PAINTED "FLAT-BLACK" SO WHEN VIEWED FROM BELOW AND ABOVE NOTHING BEYOND SURFACE OF AIR DEVICE IS VISIBLE.

12. THERMOSTAT/SENSOR WIRING TO BE RUN INSIDE WALLS/COLUMNS OR IN ATTIC SPACE. THE USE OF WIREMOLD OR EXTERNAL RACEWAY SHALL BE APPROVED BY THE ENGINEER.

13. A COMPLETE CERTIFIED TEST AND BALANCE REPORT SHALL BE SUPPLIED BY AN INDEPENDENT CERTIFIED TEST AND BALANCE AGENCY TO THE ENGINEER IN WRITING PER AABC TEST AND BALANCE REPORT MANUAL (LATEST EDITION): PRIOR TO JOB ACCEPTANCE BY OWNER. THE REPORT SHALL BE SIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF FLORIDA.

14. THE SUBMISSION OF A BID OR PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF/HERSELF WITH THE PLANS, SPECIFICATIONS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND OR LABOR DUE TO DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, UNLESS DIFFICULTIES COULD NOT HAVE BEEN FORESEEN EVEN THOUGH PROPER EXAMINATION HAD BEEN MADE.

15. ALL POWER WIRING, RELAYS, PANELS, TRANSFORMERS, DISCONNECT SWITCHES FOR HVAC EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL CONTROL WIRING, RELAYS, PANELS SENSORS (OR THERMOSTATS) SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR. ALL MOTOR STARTERS SHALL BE FURNISHED BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

16. ALL DUCTS TO HAVE AIR EXTRACTORS (ADJUSTABLE TYPE) ON SQUARE OR RECTANGULAR TAKEOFFS WITH SPIN-IN VOLUME DAMPERS ON ROUND OR OVAL TAKE-OFFS. SPIRAL DUCT TAKE-OFFS HAVE NO EXTRACTORS INSTALL FLEXIBLE DUCT CONNECTORS AT ALL FANS AND AIR HANDLING UNITS.

17. FLEXIBLE DUCTS MUST COMPLY WITH UL 181 AND SHALL NOT EXCEED EIGHT FEET IN LENGTH* REMAINING BRANCH LINE SHALL BE GALVANIZED METAL WITH 2" EXTERNAL INSULATION. FLEXIBLE DUCTS SHALL HAVE FOIL BACKING (EGY TYPE)

18. ANY CONDENSATION ON SURFACES OF HYAC EQUIPMENT, DUCTWORK OR PIPING WILL BE CORRECTED BY THE CONTRACTOR. WRAP WITH INSULATING TAPE OR EXTERNAL INSULATION HAVING A VAPOR BARRIER.

19. INSULATION OUTSIDE OF THE BUILDING SHALL BE WRAPPED WITH ALUMINUM. INSIDE ALL SUPPLY, RETURN, EXHAUST AND FRESH AIR DUCTS SHALL BE GALVANIZED METAL, COMPLETELY SEALED, FINISHED WITH 2" EXTERNAL INSULATION HAVING VAPOR, RETARDING JACKET (FSK TYPE). INSULATION SHALL COMPLY WITH UL 181 AND MUST HAVE FLAME SPREAD RATING OF 25 AND A SMOKE DEVELOPED RATING NO HIGHER THAN 50.

20. ROOM SENSORS OR THERMOSTATS SHALL BE MOUNTED AT 48 INCHES ABOVE FINISHED FLOOR.

21. THERMOSTATS TO BE I DAY PROGRAMMABLE WITH DIGITAL DISPLAY. PROVIDE AND INSTALL A LOCK BOX FOR ALL THERMOSTATS.

22. SMOKE DETECTORS (SEE DRAWINGS) SHALL BE IONIZATION TYPE AS APPROVED BY THE ENGINEER. COORDINATE THE INSTALLATION WITH THE ELECTRICAL CONTRACTOR. CONTRACTOR SHALL VERIFY THAT DETECTORS ARE COMPATIBLE WITH FIRE ALARM SYSTEMS. IF UNIT SELECTION IS NOT COMPATIBLE THE CONTRACTOR SHALL PURCHASE AND INSTALL PROPER UNIT TO INSURE LIFE SAFETY PROTECTION. SMOKE DETECTORS SHALL AUTOMATICALLY SOUND AUDIBLE ALARM AND TURNOFF

23. FURNISH AND INSTALL ACCESS DOORS(18"x18" MINIMUM) IN ALL DRYWALL CEILINGS FOR ACCESS TO MECHANICAL FOLIPMENT

24. COORDINATE THE INSTALLATION OF ALL AUX. COND.
DRAINS LOCATED IN WALLS WITH THE GENERAL
CONTRACTOR. COORDINATE THE INSTALLATION OF ALL MAIN
COND. DRAINS LOCATED IN WALLS AND CHASES WITH THE
PLUMBING CONTRACTOR.

25. THE CONTRACTOR SHALL NOT FABRICATE ANY AIR DISTRIBUTION DUCTWORK UNTIL IT HAS BEEN VERIFIED THAT SUFFICIENT CLEARANCES ARE AVAILABLE FOR THE INSTALLATION OF HYAC SYSTEMS CONSIDERING REQUIREMENTS FOR PIPING, LIGHT FIXTURES, CEILING SYSTEMS, FLOOR SYSTEMS, FOUNDATIONS, AND STRUCTURES. IF A CONFLICT ARISES CONTACT THE ENGINEER FOR PERMISSION IT REROUTE SYSTEM. ALL DUCTWORK SHALL BE ROUTED AT THE EXPENSE OF THE CONTRACTOR.

26. DEVIATION FROM MATERIALS, METHODS, AND PROCEDURES SET FORTH HEREIN MUST BE APPROVED IN WRITING BY THE ENGINEER. APPROVAL WILL NOT BE GIVEN UNLESS THE ENGINEER IS SATISFIED THAT THE PROPOSED SYSTEMS ARE SUPERIOR IN PERFORMANCE, DURABILITY, LONGEVITY, AND RELIABILITY TO THAT SPECIFIED.

27. APPROVALS OF EQUIPMENT OR SYSTEMS OTHER THAN THAT SHOWN MUST BE WITHIN TEN (10) WORKING DAYS PRIOR TO BID DATE.

28. ALL DUCT AND PIPE SIZES SHOWN ARE CLEAR NET INSIDE DIMENSIONS.

29. ALL AIR DISTRIBUTION DUCTWORK SHALL BE AIR TIGHT AND FREE OF LEAKS, AND SHALL BE INSPECTED FOR LEAKS PRIOR TO INSTALLATION OF FAN UNITS OR FINISHED FLOOR/CEILING SYSTEM. DUCTWORK SHALL BE SEALED WITH AIR DUCT SEALER PER SMACNA STANDARDS AND UL RATING.

30. EQUIPMENT, DUCTWORK, DAMPERS, LOUVERS, GRILLES, REGISTERS, DIFFUSERS, OTHER AIR DISTRIBUTIONS EQUIPMENT AND MATERIALS SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:

(A) ASHRAE (B) SBCCI

(C) SMACNA

(D) NFPA
(E) AMCA STANDARD HANDBOOK 99
(F) AIR DIFFUSION COUNCIL TEST CODE 1062R3
(G) SBCCI STANDARD MECHANICAL CODE

(1) ANSI (J) ASME (K) AGA

(L) UL FIRE RESISTANCE DIRECTORY

31. INSULATE ALL REFRIGERANT LINES WITH 3/4" ARMAFLEX OR EQUIVALENT INSULATION: PROVIDE WITH WEATHERPROOF ALUMINUM JACKET ON LINES OUTSIDE.

32. ALL MATERIALS SHALL BE LISTED BY THE UNDERWRITERS LABORATORIES (UL) OR NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA).

33. REFRIGERANT PIPING SHALL BE SIZED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR LIQUID, VAPOR HORIZONTAL AND VAPOR RISERS.

34. TUBING SHALL BE INSTALLED WITH MOISTURE INDICATOR SIGHT GLASS LOCATED IN THE LIQUID LINE ADJACENT TO THE OUTDOOR UNIT.

35. THOROUGHLY CLEAN REFRIGERANT PIPE FITTINGS
BEFORE ASSEMBLY. ALL JOINTS ARE TO BE MADE WITH
SILVER ALLOY BRAZE MELTING ABOVE 1100 DEGREES F. NO

ACID FLUX IS TO BE USED ON ANY JOINT.

36. ALL CONDENSATE DRAINS SHALL TERMINATE INTO ROOF

37. ALL WORK AND MATERIALS SHALL BE WARRANTED (PARTS AND LABOR) FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY OWNER. AN ADDITIONAL WARRANTY (PARTS ONLY) SHALL INCLUDE 4 YEARS ON ALL COMPRESSORS, WITH NINE YEARS ON ALL HEAT EXCHANGERS.

GUTTER. SECURE TO ROOF SEAMS WITH APPROVED CLIP.

38. CONTRACTOR SHALL SUPPLY, TO THE ENGINEER, 6 SETS OF SUBMITTALS ON THE FOLLOWING ITEMS:

A. AIR DISTRIBUTION (DIFFUSER, GRILLE AND REGISTERS)
B. HEATING/AIR CONDITIONING EQUIPMENT
C. DAMPERS
D. FANS

E. INSULATION MATERIALS
F. CONTROLS
G. PIPING

NOTE: THESE ITEMS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONTRACTOR ORDERING.

39. ALL FEES, PERMITS, TAPS, LICENSE, INSURANCE, AND BONDS SHALL BE PAID BY THIS CONTRACTOR FOR ALL RELATED WORK.

40. ROUTE REFRIGERANT PIPING AS SHOWN ON DRAWINGS. MANUFACTURE TO SIZE REFRIGERANT PIPING.

41. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED UNLESS EMBOSSED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ELECTRONIC COPIES.

Robin Winto

Digitally signed by Robin Winton Date:

2023.08.16 12:54:27 -04'00'

Winton Engineering, P.A.
Robin Winton, P.E.
2201 WOODBINE DR.
TALLAHASSEE, FL 32309 850-894-5376
FL 56206

ROBIN WINTON, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 56206. THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY ROBIN WINTON ON THE DATE INDICATED HERE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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AD

EWART ST
SOUTHLAND

DRAWN: rpw
DESIGNED: rpw

ST

DATE: 8/16/2023

BCEI #23-0067

APPROVED:

Robin Winton, PE

FL P.E.

MECHANICAL NOTES

M-1.0



