

MECHANICAL A/C UNIT SCHEDULE		
SYMBOL		RTU No. 1, 2
LOCATION		PAD MOUNTED
E.E.R./I.E.E.R.		10.6/12.5
MAKE		TRANE
MODEL		TED-360B
NOM. TONS		30.0
C.F.M.		7,500
EXT. S.P.		0.5"
ENT. AIR	DB °F	76.5
TEMP.	WB °F	65.1
AMBIENT AIR °F		91.0
COOL CAP BTUH	SENSIBLE	206,230
	TOTAL (NET)	314,580
HEATING INPUT KW		54.0
HEATER AMPS		112.40
FAN MOTOR	HP	7.5
	F.L.A.	22.2
G.P.M.		-
COMPRESSOR MOTOR	NO.	3
	R.L.A. (EACH)	28.0/40.9/40.9
	L.R.A. (EACH)	203.0/267.0/267.0
CONDENSER FAN	NO.	3
	HP (EACH)	1.1
	F.L.A. (EACH)	7.0
VOLTS		208
PH		3
HZ		60
M.C.A.		163.25
M.O.C.P.		200.0
OUTSIDE SUPPLY AIR		1,625
WT LBS.		4,489
BASE UNIT DIMENSIONS W-D-H		90"Wx180"Dx70"H
REMARKS		1,2,3,4,5,6,7,8
1. NEW PACKAGED UNIT MOUNTED ON CONCRETE PAD.		
2. TRANE IS THE BASIS FOR DESIGN OR APPROVED EQUIVALENT.		
3. ELECTRIC HEAT, 3 STAGE.		
4. HEATER AND COMPRESSOR DOES NOT OPERATE CONCURRENTLY.		
5. PACKAGED UNIT SHALL USE R-410A REFRIGERANT.		
6. PROVIDE ENVIRONMENTAL PROTECTIVE "SEACOAST" COATING ON CONDENSER COILS APPLIED AT FACTORY.		
7. PROVIDE FULLY MODULATING HOT GAS REHEAT COIL TO BE ACTIVATED BY WALL MOUNTED HUMIDISTAT TO REGULATE INDOOR RELATIVE HUMIDITY.		
8. DEMAND CONTROL VENTILATION CONTROL FOR USE WITH WALL MOUNTED CO2 SENSORS IN THE SPACE. UNIT PROVIDED WITH MOTORIZED OUTSIDE AIR AND RETURN AIR DAMPERS. TO BE MODULATED IN CONJUNCTION WITH WALL MOUNTED CO2 SENSORS TO PROVIDE DEMAND CONTROL VENTILATION.		
9. PROVIDE INTEGRAL NON-FUSED DISCONNECT SWITCH.		
10. PROVIDE VARIABLE FREQUENCY DRIVE OPTION ON SUPPLY FAN FOR SPEED CONTROL.		
11. MANUFACTURER OPTIONS:		
BACNET DDC CONTROLLER PROGRAMMED FOR DISCHARGE AIR SEQUENCE OF OPERATION.		
LCD TOUCHSCREEN USER INTERFACE FOR STANDALONE UNIT OPERATION.		
2" MERV 8 HIGH EFFICIENCY THROW AWAY FILTERS		
0-100% ECONOMIZER, DRY BULB CONTROL		
CONSTANT VOLUME (CV) ZONE TEMPERATURE CONTROL		
5K SCOR		
STAINLESS STEEL DRAIN PAN WITH CONDENSATE OVERFLOW SWITCH		
ESTAGE, HIGH EFFICIENCY UNIT		
DISCHARGE AIR TEMPERATURE SENSOR (FIELD INSTALLED)		
WALL MOUNTED CO2 SENSOR KIT (FIELD INSTALLED)		
NOTE: AIR CONDITIONING PACKAGE UNITS MAUFACTURED BY DAIKEN, LENNOX, CARRIER WITH SAME VOLUME, EFFICIENCIES AND CAPACITIES AND FEATURES ARE CONSIDERED EQUAL.		

SPLIT SYSTEM AHU SCHEDULE						
SYSTEM NO.	MANUF. BASED ON	AREA SERVED	MARK	MODEL #		
						C.F.M.
AHU-1	TRANE	FELLOWSHIP HALL	AHU-1	TWE090-43B	2,700	
AHU-2	TRANE	RESTROOMS	AHU-2	TAM9AA024V21	800	
<div>1. FURNISH AHU WITH INSULATED GALVANIZED STEEL CABINET, UNIT STAND, PRIMARY AND AUXILIARY DRAIN PANS, AND INSULATED CONDENSATE PAN.</div> <div>2. FURNISH AHU WITH A MINIMUM OF 30% EFF. FILTERS, 2" PLEATED.</div> <div>3. PROVIDE PROGRAMMABLE THERMOSTAT WITH WEEKEND SETTINGS AND REMOTE TEMPERATURE SENSORS.</div> <div>4. CONTRACTOR TO CONSULT THE FACTORY FOR REFRIGERANT LINE SIZES FOR BOTH VERTICAL AND HORIZONTAL RUNS.</div>						

SPLIT SYSTEM CU SCHEDULE																			
OUTDOOR UNIT																	REFRIGERANT LINE SIZES		
MARK	MANUF. BASED ON	MODEL #	NOM. CAPACITY TONS	AMB. TEMP.		CONDENSER FAN			COMPRESSOR			ELECTRICAL			APPROX. WEIGHT	EER/IEER			REMARKS
				SUMMER	WINTER	NO.	HP (EA.)	F.L.A. (EA.)	NO.	R.L.A. (EA.)	L.R.A. (EA.)	MIN. CIRCUIT AMPS	MAXIMUM OVERCURRENT PROTECT.	VOLTAGE V/PH/Hz					
CU-1	TRANE	TTA-09043D	7.5	90	45	1	1/2	3.1	2	13.1	83	33.0	50	208/3/60	315	11.4/12.9	2,3,4,5,6,7,8,9,10,11	1-1/8"	1/2"
CU-2	TRANE	4TTV-0024A1	2.0	90	45	1	1/3	2.8	1	11.5	10.2	17.0	25	208/1/60	207	19.5	2,3,4,5,6,7,8,9,10	5/8"	3/8"
<div>1. ALL UNITS REQUIRE CRANKCASE HEATER.</div> <div>2. HARD START KIT.</div> <div>3. LIQUID LINE SOLENOID VALVES.</div> <div>4. TIME DELAY RELAYS</div> <div>5. PIPE SLEEVES CAULKED AND INSULATED WHERE PIPING PENETRATES WALL.</div> <div>6. LIQUID LINE SIGHT GLASS.</div> <div>7. FILTER DRIER.</div> <div>8. TRANE AIR CONDITIONING BASIS OF DESIGN.</div> <div>9. EQUIPMENT SPECIFIED OR EQUAL WITH SAME EFFICIENCY AND CAPACITY IS AN ACCEPTABLE SUBSTITUTION.</div> <div>10. CONDENSING UNIT SHALL USE R-410A REFRIGERANT.</div> <div>11. DUAL COMPRESSORS</div>																			

EXHAUST FAN SCHEDULE				
SYMBOL	EF-1,2	EF-3	EF-4	
LOCATION	INLINE	INLINE	CEILING	
SERVICE	MEN'S/WOMEN'S RR	WARMING KITCHEN	JANITOR	
MAKE	GREENHECK	GREENHECK	GREENHECK	
MODEL	CSP-A510-VG	CSP-A390-VG	SP-B110	
BLOWER DATA	C.F.M.	500	280	100
	S.P.	0.50	0.50	0.25
	TYPE	CEILING EXHAUST	CEILING EXHAUST	CEILING EXHAUST
MOTOR DATA	DRIVE	DIRECT	DIRECT	DIRECT
	H.P.	113 WATTS	62 WATTS	80 WATTS
	R.P.M.	1275	1330	950
ELEC	V	110	110	110
	PH	1	1	1
	HZ	60	60	60
WT LBS.	38	25	10	
CONNECTION SIZE	8"x8"	8"x8"	6"Ø	
SONES	2.0	2.0	1.5	
REMARKS	BACKDRAFT DAMPER DISCONNECT SWCH VIBRATION ISOLAT. INTERLOCK WITH LIGHTS	BACKDRAFT DAMPER DISCONNECT SWCH VIBRATION ISOLAT. INTERLOCK WITH LIGHTS	BACKDRAFT DAMPER DISCONNECT SWCH VIBRATION ISOLAT. INTERLOCK WITH LIGHTS	

AIR DISTRIBUTION SCHEDULE			
SYMBOL	SERVICE	DESCRIPTION	MFG. MODEL NO.
A	CEILING SUPPLY REGISTERS	LOUVERED SUPPLY CEILING DIFFUSER. ALUMINUM CONSTRUCTION. FLUSH FACE PANEL. FINISH SHALL BE WHITE ENAMEL. 24"X24" MODULE SIZE. WITH ROUND NECK. SIZES AS SHOWN ON PLANS.	TITUS OR EQUAL INDUSTRIES INC. MODEL NO. TDC4-AA
B	CEILING RETURN REGISTERS	LOUVERED RETURN CEILING GRILLE. ALUMINUM CONSTRUCTION. FLUSH FACE PANEL. FINISH SHALL BE WHITE ENAMEL. 3/4" SPACING. SURFACE MOUNTED. 35° DEFLECTION.	TITUS INDUSTRIES INC. MODEL NO. 350-FL
C	CEILING SUPPLY REGISTERS	LOUVERED SUPPLY CEILING GRILLE. ALUMINUM CONSTRUCTION. FLUSH FACE PANEL. FINISH SHALL BE WHITE ENAMEL. 3/4" SPACING. SURFACE MOUNTED. 35° DEFLECTION.	TITUS OR EQUAL INDUSTRIES INC. MODEL NO. 301-FL

MOTORIZED DAMPER DETAIL		
- MOTORIZED DAMPER MANUFACTURER: RUSKIN MODEL #: CD50 - ELECTRIC PROPORTIONAL ACTUATOR MANUFACTURER: BELIMO MODEL #: LF24-SR		
<p>WIRING DIAGRAM</p>		
INTERLOCK DAMPER OPENING WITH AHU FAN ACTIVATION		
HVAC DESIGN REQUIRES		
DUCT SMOKE DETECTOR	YES	NO
FIRE DAMPERS	X	
RADIANT DAMPER		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		X
FIRE STOPPING		X

EXHAUST AIR CALCULATION	
AS PER FLORIDA MECHANICAL CODE, TABLE 403.3, EXHAUST AIR REQUIREMENTS ARE:	
EF-1, 2 TOILETS NUMBER OF FIXTURES = 7 TOILET TOTAL EXHAUST AIR REQUIRED = 7 TOILET X (70 CFM/TOILET) = 490 CFM PROVIDED CFM = 500 CFM (INTERMITTENT OPERATION)	
EF-3 JANITOR NUMBER OF FIXTURES = 1 TOILET TOTAL EXHAUST AIR REQUIRED = 1 TOILET X (70 CFM/TOILET) = 70 CFM PROVIDED CFM = 100 CFM (INTERMITTENT OPERATION)	
EF-4 WARMING KITCHEN FLOOR AREA = 201 S.F. EXHAUST AIR REQUIREMENTS: 0.70 CFM/S.F. x 201 S.F. = 141 CFM CALCULATED EXHAUST AIR = 0.70 CFM/S.F. x 201 S.F. = 141 CFM PROVIDED CFM = 280 CFM	

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
O.A.L.	OUTSIDE AIR LOUVER
C.F.M.	CUBIC FEET PER MINUTE
⊕	THERMOSTAT
⊕	HUMIDISTAT
⊕	SMOKE DETECTOR
⊕	REMOTE TEST STATION
VD	VOLUME DAMPER
⊕	TWIST-IN COLLAR WITH DAMPER
⊕	MOTOR OPERATED DAMPER
⊕	TURNING VANES - SUPPLY AIR
⊕	DISTRIBUTION TRIANGLE - SUPPLY AIR
⊕	FIBERGLASS DUCTWORK - SUPPLY AIR
⊕	SUPPLY FLEXIBLE DUCT
⊕	NEW METAL OUTDOOR AIR DUCT
EF	CEILING MOUNTED EXHAUST FAN
⊕	EXISTING SUPPLY DIFFUSER
⊕	EXISTING RETURN DIFFUSER
⊕	EXISTING FIBERGLASS DUCT WORK
⊕	EXISTING FLEXIBLE DUCT
⊕	NEW SUPPLY DIFFUSER
⊕	NEW RETURN DIFFUSER

OUTSIDE AIR CALCULATION	
AS PER FLORIDA MECHANICAL CODE, TABLE 403.3, OUTDOOR AIR REQUIREMENTS ARE:	
RTU-1, 2 GYM AREA SERVED = 10,500 SQ.FT. (VOLLEYBALL COURT) TOTAL AREA = 10,354 SQ. FT. TOTAL OCCUPANCY = 409 PEOPLE TOTAL OUTSIDE AIR = 10,354 SQ. FT. X (0.3 CFM/FT) = 3,106 CFM (STORAGE ROOM) TOTAL AREA = 146 SQ. FT. TOTAL OUTSIDE AIR = 146 SQ. FT. X (0.12 CFM/FT) = 18 CFM TOTAL OUTSIDE AIR REQUIRED = 3,124 CFM TOTAL OUTSIDE AIR PROVIDED = 3,250 CFM	
AHU-1 FELLOWSHIP/WARMING KITCHEN AREA SERVED = 1,476 SQ.FT. (WARMING KITCHEN) TOTAL AREA = 201 SQ. FT. TOTAL OCCUPANCY = 1 PEOPLE TOTAL OUTSIDE AIR = 1 PEOPLE X (7.5 CFM PER PERSON) = 7.5 CFM TOTAL OUTSIDE AIR = 201 SQ. FT. X (0.18 CFM/FT) = 36 CFM (MEETING) TOTAL AREA = 1,275 SQ. FT. TOTAL OCCUPANCY = 161 PEOPLE TOTAL OUTSIDE AIR = 161 PEOPLE X (5 CFM PER PERSON) = 805 CFM TOTAL OUTSIDE AIR = 1,275 SQ. FT. X (0.06 CFM/FT) = 77 CFM TOTAL OUTSIDE AIR REQUIRED = 826 CFM TOTAL OUTSIDE AIR PROVIDED = 700 CFM (SEE SHEET M-5 CONTAINING ASHRAE 62.1 ALTERNATIVE METHOD FOR SPACE CONTAMINATION CALCULATIONS SUPPLY AIR, CONSTANT VOLUME OUTSIDE AIR.	
AHU-2 RESTROOMS/STORAGE AREA SERVED = 1,072 SQ.FT. (STORAGE ROOM) TOTAL AREA = 402 SQ. FT. TOTAL OCCUPANCY = 3 PEOPLE TOTAL OUTSIDE AIR = 3 PEOPLE X (5 CFM PER PERSON) = 15 CFM TOTAL OUTSIDE AIR = 402 SQ. FT. X (0.12 CFM/FT) = 48 CFM TOTAL OUTSIDE AIR REQUIRED = 63 CFM TOTAL OUTSIDE AIR PROVIDED = 100 CFM	

MECHANICAL NOTES	
1.	THE LICENSED CONTRACTOR SHALL PROVIDE A COMPLETE MECHANICAL SYSTEM(S) AS DETAILED ON THE DRAWINGS AND SPECIFICATIONS. WORK CONSISTS OF PROVIDING ALL MATERIALS, EQUIPMENT, APPURTENANCES, ETC. REQUIRED FOR A COMPLETE SYSTEM(S). INCLUDE ANY INCIDENTAL APPARATUS, APPLIANCES, MATERIALS, LABOR, PERMITS, SERVICES, ETC., NECESSARY TO MAKE WORK COMPLETE AND READY FOR OPERATION. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO CALL FOR COMPLETE, FINISHED WORK, TESTED, AND READY FOR OPERATION.
2.	THE CONTRACTOR SHALL PERFORM ALL WORK IN A FIRST CLASS WORKMAN-LIKE MANNER.
3.	UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ANY EXISTING ITEMS IDENTIFIED TO BE REMOVED BUT REMAIN PROPERTY OF THE OWNER SHALL BE TURNED OVER TO THE OWNER. COORDINATE TURNOVER OF THESE IDENTIFIED ITEMS WITH THE OWNER.
4.	WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FLORIDA BUILDING AND MECHANICAL CODE, NFPA90A, AND LOCAL CODE AMENDMENTS WHETHER OR NOT DETAILED ON THE PLANS AND SPECIFICATIONS AND IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION.
5.	WHEN, IN THE OPINION OF THE CONTRACTOR, CONFLICTS OCCUR IN THE DRAWINGS OR IN THE SPECIFICATIONS OR BETWEEN EITHER; THE ITEMS OF GREATER QUANTITY OR HIGHER COST SHALL BE PROVIDED.
6.	THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING CONFLICTS IN THE DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING AND REPORTING CONFLICTS TO THE ENGINEER BEFORE BIDDING. ANY CHANGES RESULTING FROM CONFLICTS IN THE FIELD, WHICH WERE NOT BROUGHT TO THE ENGINEERS ATTENTION, ARE TO BE MADE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
7.	THE WORK INDICATED ON THE DRAWINGS IS DIAGRAMMATIC AND IS INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC. DO NOT SCALE FOR THE EXACT LOCATION OF DUCTWORK, PIPING, EQUIPMENT, ETC. PROVIDE OFFSETS AND DEVIATIONS FROM WORK SHOWN ON THE DRAWINGS AS MAY BE NECESSARY TO FIT ACTUAL SPACE CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
8.	DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.
9.	COORDINATE EXACT LOCATION OF ALL GRILLES, REGISTERS AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
10.	THE CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES IN ORDER TO AVOID CONFLICTS.
11.	THE CONTRACTOR SHALL NOT CUT ANY STRUCTURAL MEMBER WITHOUT FIRST SECURING WRITTEN APPROVAL FOR THE OWNER/ARCHITECT.
12.	THE CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION, ANY AND ALL DAMAGE TO BUILDING SURFACES, FURNISHINGS, EQUIPMENT, ETC. CAUSED DURING THE PERFORMANCE OF WORK.
13.	ALL PENETRATIONS OF REQUIRED FIRE RATED ASSEMBLIES (FLOORS, CEILINGS, ROOFS, WALLS, PARTITIONS, ETC.) SHALL BE PROVIDED WITH ACCESSIBLE UL LISTED AND LABELED FIRE DAMPERS.
14.	ALL DAMPER CONTROLS SHALL BE ACCESSIBLE.
15.	ALL OUTSIDE AIR DUCTS OR INTAKES SHALL HAVE DAMPERS.
16.	ALL EXHAUST DUCTS SHALL BE GALVANIZED SHEET METAL, INSTALLED, SEALED, AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA LOW VELOCITY DUCT CONSTRUCTION STANDARDS AND DETAILS ON THESE PLANS. EXHAUST DUCTWORK SHALL BE REINFORCED AND SEALED TO (+/-) ZERO TO ONE (0-1) INCH PRESSURE CLASS UNLESS NOTED OTHERWISE.
17.	AIR CONDITIONING SUPPLY, RETURN, AND TRANSFER DUCTWORK INDICATED AS RIGID FIBERGLASS DUCT BOARD SHALL BE INSTALLED, SEALED, AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION OF NAIMA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS AND DETAILS ON THESE PLANS. FLEX DUCT SHALL BE USED IF THERE IS LIMITED SPACE. SUPPLY AND RETURN DUCTWORK SHALL BE REINFORCED & SEALED TO (+/-) TWO (2) INCH PRESSURE CLASS UNLESS NOTED OTHERWISE. TRANSFER DUCTWORK SHALL BE REINFORCED & SEALED TO (+/-) ZERO TO ONE (0-1) INCH PRESSURE CLASS UNLESS NOTED OTHERWISE.
	AIR CONDITIONING DUCTWORK SUPPLY, RETURN, AND TRANSFER DUCTWORK INDICATED AS GALVANIZED SHEET METAL SHALL BE INSTALLED, SEALED AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA LOW VELOCITY DUCT CONSTRUCTION STANDARDS AND DETAIL ON THESE PLANS. SUPPLY AND RETURN DUCTWORK SHALL BE REINFORCED & SEALED TO (+/-) TWO (2) INCH PRESSURE CLASS UNLESS NOTED OTHERWISE. TRANSFER DUCTWORK SHALL BE REINFORCED & SEALED TO (+/-) ZERO TO ONE (0-1) INCH PRESSURE CLASS UNLESS NOTED OTHERWISE.
	VENTILATION DUCTWORK SHALL BE GALVANIZED SHEET METAL AND SHALL BE INSTALLED, SEALED AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA LOW VELOCITY DUCT CONSTRUCTION STANDARDS AND DETAIL ON THESE PLANS. VENTILATION DUCTWORK SHALL BE REINFORCED & SEALED TO (+/-) ZERO TO ONE (0-1) INCH PRESSURE CLASS UNLESS NOTED OTHERWISE.
18.	RIGID FIBERGLASS DUCT BOARD DUCTWORK SHALL BE TYPE 475/800 EI WITH INTERIOR COATING. DUCTWORK IN CONDITIONED SPACE OR BETWEEN FLOORS SHALL BE R-4.2 MINIMUM. DUCTWORK IN "ATTIC" SPACES SHALL BE R-6.0 MINIMUM. FLEX DUCT R-4.2/6.0 SHALL BE USED IF THERE IS LIMITED SPACE.
19.	SUPPLY, RETURN, TRANSFER, AND VENTILATION GALVANIZED SHEET METAL DUCTWORK SHALL BE INSULATED WITH TWO (2) INCH THICK R-6.0 MINIMUM EXTERIOR WRAP INSULATION.
20.	PIPE SIZES SHOWN ON THE DRAWINGS ARE NOMINAL PIPE SIZE.
21.	PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR PIPING METALS. PROVIDE ISOLATION SLEEVES TO PREVENT CONTACT OF CORROSION CAUSING MATERIALS AND DISSIMILAR METALS.
22.	ALL PIPING SHALL BE SUPPORTED WITH COMMERCIALY MANUFACTURED AND ENGINEERED SUPPORT SYSTEMS.
23.	CONDENSATE DRAIN PIPING SHALL BE SCHEDULE 40 PVC OR TYPE K RIGID COPPER IF LOCATED IN A RETURN AIR PLENUM.
24.	INTERIOR CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1/2" ARMAFLEX SELF-SEAL.
25.	PENETRATIONS THROUGH FIRE RATED ASSEMBLIES (FLOORS, ROOFS, CEILINGS, WALLS, PARTITIONS, ETC.) FOR PIPES, CONDUITS, OR OTHER ITEMS, SHALL BE PROTECTED WITH A FIRE RESISTANCE RATED FIRE STOP MATERIAL OR ASSEMBLY. FIRE STOP MATERIAL, OR ASSEMBLY SHALL BE UL LISTED. INSTALL FIRE STOP MATERIAL OR ASSEMBLY AS RECOMMENDED BY THE MANUFACTURER AND IN ACCORDANCE WITH ITS UL LISTING TO MEET OR EXCEED THE FIRE RATING OF THE ASSEMBLY IN THAT IT IS INSTALLED.
26.	INSTALL ALL MATERIALS, EQUIPMENT, APPURTENANCES, ETC. IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.
27.	PROVIDE SUBMITTALS FOR ALL EQUIPMENT AND MATERIAL. MECHANICAL CONTRACTOR SHALL NOT ORDER ANY EQUIPMENT WITHOUT APPROVED SUBMITTALS FROM THE MECHANICAL ENGINEER. SUBMITTALS SHALL BE IN PDF FORMAT.
28.	A CERTIFIED TEST AND BALANCE REPORT SHALL BE PROVIDED AT THE COMPLETION OF THE PROJECT PRIOR TO FINAL INSPECTION BY A COMPANY SPECIALIZING IN THE TESTING AND BALANCING OF MECHANICAL SYSTEMS AS SUBCONTRACTOR TO THE MECHANICAL CONTRACTOR, GENERAL CONTRACTOR, OR OWNER. THE TEST AND BALANCE CONTRACTOR SHALL BE A MEMBER OF AND CERTIFIED BY EITHER THE AABC OR NEBB.
29.	ALL WORK SHALL BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE BY OWNER. ALL DEFECTS WHICH DEVELOP WITHIN THIS PERIOD OR ARE DISCOVERED AT A LATER DATE SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER. SEE THE DRAWINGS AND SPECIFICATIONS FOR ANY ADDITIONAL WARRANTY OR SERVICE REQUIREMENTS (I.E., EXTENDED COMPRESSOR OR EQUIPMENT WARRANTIES, INSPECTIONS, SERVICE AGREEMENTS, ETC.)

REVISIONS	BY

NEW ATHLETIC / FELLOWSHIP BUILDING

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DRAWN	MB
CHECKED	MB
DATE	FEBRUARY 23, 2022
SCALE	AS NOTED
COMM. NO.	18-06
SHEET	M-2
206	5 SHEETS