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VAV AIR HANDLING UNIT SCHEDULE

MARK	FAN DATA										CHILLED WATER COIL DATA												
	AIR VOLUME CONTROL	MAX. AIRFLOW (CFM)	MIN. AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	O/AIRFLOW (CF)	E.S.P. (IN. W.G.)	QTY OF FAN	ELECTRICAL DATA			MAX. FACE VEL. (FPM)	MIN. TOTAL CAP. (MBH)	MIN. SENS. CAP. (MBH)	MIN. LATENT CAP. (MBH)	AIR SIDE				WATER SIDE				MAX. WATER PRESS. DROP (FT. W.C.)
								FAN HP (EACH)	TOTAL FAN HP	V/PHHZ					EAT DB (DEG. F)	EAT WB (DEG. F)	LAT DB (DEG. F)	LAT WB (DEG. F)	EWT (DEG. F)	LWT (DEG. F)	FLOW (GPM)	CONTROL VALVE TYPE	
AHU-1	VAV	17,670	5,330	10,750	2.0	3.0	4	5	20	280/360	500	435.6	356.9	78.7	73.5	61.3	53.6	52.6	44	56	72.6	3-WAY	15

NOTES:

- MANUFACTURER SHALL ALLOW A MINIMUM OF 0.5" EXTN STATIC FOR DIRTY INITIAL FILTERS. EXTERNAL STATIC DOES NOT INCLUDE PRESSURE DROP THROUGH CASING COILS, INITIAL FILTERS, AND FILTER HOUSINGS.
- PROVIDE EXTENDED LUBE LINES TO OUTSIDE OF UNIT (ASING ON THE SIDE WHICH IS ACCESSIBLE FOR SERVICING ON ALL UNITS.
- INSTALL UNIT IN STRICT ACCORDANCE WITH THE MFR'S PRINTED INSTRUCTIONS AND APPLICABLE CODES AND STANDARDS.
- ADJUST LOCATION OF UNITS IN MECHANICAL ROOMS AS REQUIRED FOR SERVICE AS RECOMMENDED BY MANUFACTURER. COORDINATE ACCESS DOOR LOCATION FOR UNIT ACCESS.
- NEW UNITS MAY REQUIRE DISASSEMBLY AND REASSEMBLY IN THE MECHANICAL ROOM.
- PIPE ALL CONDENSATE FROM UNITS TO DRAIN WITH TRIP. PROVIDE PADS AND BASE RAILS OF SUFFICIENT HEIGHT TO ENABLE CORRECT TRAP DEPTH.
- PROVIDE FACTORY MOUNTED FIRE STATS TO SHUT UNIT DOWN UPON DETECTION OF EXCESSIVE HEAT IN THE SUPPLY SIDE DISCHARGE OF UNIT.
- INTERLOCK AHU'S TO ENABLE FAN SHUTDOWN UPON AN INDICATION OF ALARM CONDITION BY THE BLDG. FIRE ALARM SYSTEM.
- CONTROL VALVE Cv TO BE CALCULATED AT THE SCHEDULED WATER FLOW WITH A VALVE AUTHORITY OF 0.5 BY CONTROLS SUB-CONTRACTOR.
- PROVIDE UNIT WITH FILTER DIFFERENTIAL PRESSURE GAUGE AND VIEWING WINDOWS USE SPECIALLY DESIGNED GLASS THAT BLOCKS UV LIGHTS
- PROVIDE UNIT WITH UVC (ULTRA VIOLET C-BAND) DISINFECTION SYSTEM ON DISCHARGE SIDE OF CHILLED WATER COIL. SEE SHEET M005 FOR UV NOTES.
- PROVIDE UNIT WITH VFD - VARIABLE FREQUENCY DRIVE. SEE MECHANICAL SPECIFICATIONS FOR VFD REQUIREMENTS.
- PROVIDE UNIT WITH MERV 8 PRE FILTERS AND MERV 13 FINAL FILTERS.
- VAV - VARIABLE AIR VOLUME. PROVIDE WITH MULTI FAN ARRAY SYSTEMS. ALL FAN HP SHALL BE THE SAME SIZE.
- PROVIDE FACTORY VFD STARTUP AND CERTIFICATION. PROVIDE WRITTEN CONFIRMATION FROM MANUFACTURER CONFIRMING COMPLETION OF START UP.
- COORDINATE POWER REQUIREMENTS WITH ELECTRICAL.
- REFER TO SECTIONS AND ELEVATIONS FOR EQUIPMENT PHYSICAL DIMENSIONS AND OTHER PHYSICAL ATTRIBUTES.
- BASIS OF DESIGN IS TEMTROL.
- PROVIDE BASIS OF DESIGN MANUFACTURER AND MODEL OR APPROVED EQUAL WITH PERFORMANCE. COMPONENTS AND TRIM OPTIONS WHICH EXCEED OR EQUAL TO BASIS OF DESIGN.

AIR TERMINAL UNIT SCHEDULE

MARK	MAX. COOLING AIRFLOW (CFM)	MIN. AIRFLOW (CFM)	ROUND INLET SIZE (IN.)	HOT WATER REHEAT COIL								ELECTRICAL			
				MAX. HEATING AIRFLOW (CFM)	TOTAL HEATING LOAD (MBH)	EAT (DEG. F)	LAT (DEG. F)	EWT (DEG. F)	LWT (DEG. F)	HW FLOW RATE (GPM)	CONTROL VALVE TYPE	CONTROL VALVE (Cv)	VOLTS	PHASE	Hz
ATU-1	1,560	470	12"	950	25.0	59.8	84	130	110	2.5	3-WAY	1.5	208	1	60
ATU-2	1,700	510	12"	1,020	26.8	59.8	84	130	110	2.7	3-WAY	1.7	208	1	60
ATU-3	855	260	8"	515	13.5	59.8	84	130	110	1.4	3-WAY	0.8	208	1	60
ATU-4	670	205	8"	400	10.5	59.8	84	130	110	1.1	3-WAY	0.7	208	1	60
ATU-5	1,390	420	10"	850	22.4	59.8	84	130	110	2.2	3-WAY	1.4	208	1	60
ATU-6	2,250	675	16"	1,350	35.5	59.8	84	130	110	3.6	3-WAY	2.2	208	1	60
ATU-7	2,480	745	16"	1,500	39.5	59.8	84	130	110	3.9	3-WAY	2.4	208	1	60
ATU-8	700	210	8"	420	11.0	59.8	84	130	110	1.1	3-WAY	0.7	208	1	60
ATU-9	700	210	8"	420	11.0	59.8	84	130	110	1.1	3-WAY	0.7	208	1	60
ATU-10	780	235	8"	470	12.4	59.8	84	130	110	1.2	3-WAY	0.8	208	1	60
ATU-11	330	100	6"	200	5.3	59.8	84	130	110	0.5	3-WAY	0.3	208	1	60
ATU-12	400	120	6"	300	7.9	59.8	84	130	110	0.8	3-WAY	0.5	208	1	60
ATU-13	475	145	8"	290	7.6	59.8	84	130	110	0.8	3-WAY	0.5	208	1	60
ATU-14	430	130	8"	260	6.8	59.8	84	130	110	0.7	3-WAY	0.4	208	1	60
ATU-15	890	270	8"	540	14.2	59.8	84	130	110	1.4	3-WAY	0.9	208	1	60
ATU-16	275	85	6"	215	5.7	59.8	84	130	110	0.6	3-WAY	0.4	208	1	60
ATU-17	340	105	6"	200	5.3	59.8	84	130	110	0.5	3-WAY	0.3	208	1	60
ATU-18	615	185	8"	370	9.7	59.8	84	130	110	1.0	3-WAY	0.6	208	1	60
ATU-19	465	140	8"	280	7.4	59.8	84	130	110	0.7	3-WAY	0.5	208	1	60
ATU-20	365	110	6"	200	5.3	59.8	84	130	110	0.5	3-WAY	0.3	208	1	60

VAV AIR TERMINAL UNIT NOTES:

- ALL AIR TERMINAL UNITS SHALL BE PROVIDED WITH 1/2" MATT-FACED INSULATION.
- ROUND INLET DUCT CONNECTION SHALL NOT BE SMALLER THAN SIZE INDICATED.
- PROVIDE ALL AIR TERMINAL UNITS WITH FACTORY MOUNTED DISCONNECTS AS PER NEC.
- PROVIDE ALL AIR TERMINAL UNITS WITH CONTROL TRANSFORMER FOR TERMINAL CONTROL.
- ACOUSTIC PERFORMANCE OF AIR TERMINAL UNITS SHALL BE BASED UPON TESTS CONDUCTED IN ACCORDANCE WITH AHRI STANDARD 880 WITH MAXIMUM DISCHARGE OF NC=20.
- MAXIMUM INTERNAL RESISTANCE OF AIR TERMINAL UNIT -INLET TO DISCHARGE STATIC PRESSURE DIFFERENTIAL- WITH PRIMARY AIR DAMPER FULL OPEN AT MAXIMUM PRIMARY AIR FLOW INDICATED SHALL BE MINIMIZED, BUT AT NO CONDITION GREATER THAN 0.25 INCHES H2O.
- SEE DETAILS FOR VAV AIR TERMINAL UNIT SUPPORT AND HOT WATER COIL CONNECTION DETAIL.
- BASIS OF DESIGN IS PRICE SDV. SIZE AS INDICATED IN SCHEDULE.
- PROVIDE BASIS OF DESIGN MANUFACTURER AND MODEL OR APPROVED EQUAL WITH PERFORMANCE. COMPONENTS AND TRIM OPTIONS WHICH EXCEED OR EQUAL TO BASIS OF DESIGN.

No.	Description	Date

MECHANICAL SCHEDULES

Date 8/22/2018
Drawn By CAD/JML
Checked By WJJ

CONFORMED SET

M004

FT. WALTON BEACH
FIELD OFFICE COMPLEX



ENERGY RECOVERY UNIT WITH STATIC PLATE CORE HEAT EXCHANGER SCHEDULE

MARK	TYPE	FAN DATA											STATIC PLATE CORE ERV - SUMMER CONDITION						STATIC PLATE CORE ERV - WINTER CONDITION						MIN. TOTAL EFF. (%)			
		OUTSIDE AIRFLOW (CFM)	ESP IN W.G.	EXHAUST AIRFLOW (CFM)	ESP IN W.G.	FAN MOTOR - ELECTRICAL DATA								OUTSIDE AIR		EXHAUST AIR		OUTSIDE AIR		EXHAUST AIR								
						SUPPLY NO. OF FAN	SUPPLY FAN POWER EACH, HP	EXHAUST NO. OF FAN	EXHAUST FAN POWER EACH, HP	VOLTS	PHASE	Hz	DB (DEG. F)	WB (DEG. F)	DB (DEG. F)	WB (DEG. F)	DB (DEG. F)	WB (DEG. F)	MIN. TOTAL EFF. (%)	EAT DB (DEG. F)	EAT WB (DEG. F)	LAT DB (DEG. F)	LAT WB (DEG. F)	EAT DB (DEG. F)		EAT WB (DEG. F)	LAT DB (DEG. F)	LAT WB (DEG. F)
ERV-1	HDT	2,060	1.00	1,700	1.00	1	2	1	1.5	208	3	60	93	81	81.2	72.4	75.0	62.0	50.0	37.0	23.0	58.7	46.2	70.0	58.5	48.6	41.9	55.0

NOTES:

- MANUFACTURER SHALL ALLOW A MINIMUM 0.5" EXTRA STATIC FOR DIRTY INITIAL FILTERS. EXTERNAL STATIC DOES NOT INCLUDE PRESSURE DROP THROUGH CASING, COILS, PRE-FILTER, FINAL FILTER, AND FILTER HOUSINGS.
- ADJUST LOCATION OF UNITS IN MECHANICAL ROOMS AS REQUIRED FOR SERVICE AS RECOMMENDED BY MANUFACTURER. COORDINATE ACCESS DOOR LOCATION FOR UNIT ACCESS.
- INSTALL UNIT IN STRICT ACCORDANCE WITH THE MFR'S PRINTED INSTRUCTIONS AND APPLICABLE CODES AND STANDARDS.
- INTERLOCK ERV'S TO ENABLE FAN SHUTDOWN UPON AN INDICATION OF ALARM CONDITION BY THE BLDG. FIRE ALARM SYSTEM. SEE CONTROLS SEQUENCE OF OPERATION.
- INTERLOCK OUTSIDE AIR UNITS WITH OUTSIDE AIR AND EXHAUST AIR LOW LEAKAGE DAMPERS. SEE CONTROLS DWGS.
- PROVIDE CONTROL KIT TO INCLUDE BLOWER CONTACTOR OR STARTER, TRANSFORMER, AND LOCKOUTS.
- BASIS OF DESIGN IS ALDES.
- PROVIDE WITH BACNET INTERFACE. CONNECT TO DDC SYSTEM.

WALL MOUNT COOLING ONLY DX DUCTLESS SPLIT SYSTEM EQUIPMENT SCHEDULE

MARK	TYPE	SERVICE	WALL MOUNT INDOOR UNIT										OUTDOOR UNIT					ARI COOLING DATA				
			FAN DATA										MARK	MIN. TOTAL CAP. (MBH)	COMP. QTY	COND. FAN QTY	UNIT MCA	RATED COOLING CAPACITY (MBH)	MIN. SEER / EER			
			FAN (CFM)	MIN. TOTAL CAP. (MBH)	MIN. SENS. CAP. (MBH)	EAT (DEG. F DB)	EAT (DEG. F WB)	LAT (DEG. F DB)	LAT (DEG. F WB)	ELECTRICAL DATA												
VOLTS	PHASE	Hz	VOLTS	PHASE	Hz																	
DAC-A1	COOLING ONLY	BLDG. A 044 TELECO	785	16.6	15.8	72.3	58.4	54.0	50.6	208	1	60	DCU-A1	16.6	1	1	17	208	1	60	24	20.5
DAC-A2	COOLING ONLY	BLDG. A 032 ELECTRICAL	980	20.7	19.7	72.1	58.3	54.0	50.6	208	1	60	DCU-A2	20.7	1	1	21	208	1	60	30	16.0
DAC-A3	COOLING ONLY	BLDG. A 001A SCADA	1,470	30.8	29.9	72.2	58.2	54.0	50.5	208	1	60	DCU-A3	30.8	1	1	21	208	1	60	36	15.1

NOTES:

- UNIT RATED AT ARI STANDARD CONDITIONS.
- PROVIDE COMPRESSOR WITH ANTI-SHORT COIL CONTROLS AND TIME DELAY ON COMPRESSOR RESTART.
- REFRIGERANT R-410A PIPING SIZE, ROUTING AND CONFIGURATION SHALL BE AS RECOMMENDED BY MANUFACTURER OF AIR CONDITIONING UNIT. INSULATE ENTIRE LENGTH OF BOTH REFRIGERANT LINES WITH MINIMUM 3/4" THICK UNICELLULAR INSULATION.
- PROVIDE UNIT WITH LOW AMBIENT CONTROL FOR OPERATION DOWN TO 0 DEG F.
- PROVIDE OUTDOOR UNIT WITH CORROSION PROTECTION FOR COILS AND CASINGS.
- MOUNT AND SECURE OUTDOOR UNIT ON 4" THICK CONCRETE PAD.
- BASIS OF DESIGN IS MITSUBISHI.
- PROVIDE WITH CONDENSATE PUMP.
- PROVIDE WITH BACNET INTERFACE AND CONNECT TO DDC SYSTEM.

FT. WALTON BEACH
FIELD OFFICE COMPLEX

No.	Description	Date

MECHANICAL SCHEDULES

Date 8/22/2018
Drawn By CAD/JML
Checked By WJJ

CONFORMED SET

M005



INFRARED LOW INTENSITY RADIANT GAS HEATER SCHEDULE

MARK	LOCATION	HEATING INPUT (MBH)	NATURAL GAS DEMAND LOAD (CFH)	MOUNTING ANGLE (DEGREES)	TUBE LENGTH	ELECTRICAL DATA		
						VOLTS	PHASE	HZ
LIH-A1	001 SEWER COLLECTION & CONSTRUCTION	50	50	45	21'-9"	115	1	60
LIH-A2	002 WATER DIST. & WATER OPS	50	50	0	31'-5"	115	1	60
LIH-A3	003 STREETS & STORMWATER	50	50	0	31'-5"	115	1	60
LIH-A4	004 WAREHOUSE	50	50	0	31'-5"	115	1	60
LIH-A5	5 WAREHOUSE	50	50	0	31'-5"	115	1	60
LIH-A6	007 SIGN SHOP	50	50	0	31'-5"	115	1	60
LIH-A7	008 FABRICATION WOOD SHOP	50	50	45	21'-9"	115	1	60
LIH-B1	B01 WELDING SHOP	50	50	0	31'-5"	115	1	60
LIH-B2	B02 LUBE BAY	50	50	45	21'-9"	115	1	60
LIH-B3	B02 LUBE BAY	50	50	45	21'-9"	115	1	60
LIH-B4	B03 SHOP	50	50	45	21'-9"	115	1	60
LIH-B5	B03 SHOP	50	50	45	21'-9"	115	1	60
LIH-B6	B03 SHOP	50	50	45	21'-9"	115	1	60
LIH-B7	B03 SHOP	50	50	45	21'-9"	115	1	60
LIH-B8	B08 TIRES LUBE PARTS	50	50	0	31'-5"	115	1	60
LIH-B9	B09 SHOP	50	50	0	31'-5"	115	1	60
LIH-B10	B09 SHOP	50	50	0	31'-5"	115	1	60
LIH-B11	B09 SHOP	50	50	0	31'-5"	115	1	60
LIH-B12	B09 SHOP	50	50	0	31'-5"	115	1	60
LIH-C1	C02 VEHICLE STORAGE	50	50	0	31'-5"	115	1	60
LIH-C2	C02 VEHICLE STORAGE	50	50	0	31'-5"	115	1	60

NOTES:

- CONTRACTOR TO PROVIDE ADJUSTABLE MOUNTING HARDWARE.
- INSTALL PER MANUFACTURER'S INSTRUCTIONS AND PROVIDE 3 YEAR PARTS AND LABOR WARRANTY PER RFP.
- PROVIDE WITH 24 V RELAY TRANSFORMER.
- PROVIDE THERMOSTAT CONTROLS, 10% SHUT-OFF, SPARK IGNITION.
- PROVIDE WITH HANGERS AND SUPPORTS AND NATURAL GAS REGULATOR FOR EACH HEATER.
- PROVIDE 4" DIA. TYPE B FLUE VENT. COORDINATE ROOF PENETRATIONS WITH PRE-ENGINEERED METAL BUILDING MANUFACTURER.
- PENETRATE EXTERIOR WALL AT A MIN OF 10'-0" ABOVE GRADE AND 10'-0" FROM ANY BUILDING OPENING.
- BASIS OF DESIGN FOR LIH IS RE-VERBER RAY.
- COORDINATE POWER REQUIREMENTS WITH ELECTRICAL.

EXHAUST FAN SCHEDULE

MARK	LOCATION	CONTROL INTERLOCKS	TYPE	DRIVE	PERFORMANCE DATA				ELECTRICAL DATA			
					CFM	E.S.P. (IN. W.C.)	MAX. RPM	MAX. SONES	FAN POWER HP OR (W)	VOLTS	PHASE	Hz
EF-A1	RM 001 SEWER	THERMOSTAT	SP	DD	550	0.15	990	4.1	1/12	120	1	60
EF-A2	RM 002 WATER	THERMOSTAT	SP	DD	610	0.15	1,040	4.2	1/12	120	1	60
EF-A3	RM 003 STORMWATER	THERMOSTAT	SP	DD	630	0.15	1,060	4.3	1/12	120	1	60
EF-A4	RM 004 WAREHOUSE	THERMOSTAT	SP	DD	1,770	0.15	960	5.6	1/6	120	1	60
EF-A5	RM 007 SIGN SHOP	THERMOSTAT	SP	DD	560	0.15	995	4.1	1/12	120	1	60
EF-A6	RM 008 WOOD SHOP	THERMOSTAT	SP	DD	460	0.15	1,720	8.0	1/4	120	1	60
EF-B1	RM B04 WOMEN	LIGHT SWITCH	CEF	DD	75	0.5	805	1.5	1/10	120	1	60
EF-B2	RM B05 MEN	LIGHT SWITCH	CEF	DD	75	0.5	805	1.5	1/10	120	1	60
EF-B3	RM B13 RR	LIGHT SWITCH	CEF	DD	75	0.5	805	1.5	1/10	120	1	60
EF-B4	RM B03 SHOP	THERMOSTAT	SP	DD	1,500	0.15	1,220	5.2	1/4	120	1	60
EF-B5	RM B03 SHOP	THERMOSTAT	SP	DD	1,500	0.15	1,220	5.2	1/4	120	1	60
EF-B6	RM B09 SHOP	THERMOSTAT	SP	DD	3,200	0.15	1,300	13.0	3/4	120	1	60
EF-B7	RM B09 SHOP	THERMOSTAT	SP	DD	3,200	0.15	1,300	13.0	3/4	120	1	60
EF-B8	RM B01 WELDING SHOP	THERMOSTAT	SP	DD	1,500	0.15	820	17.4	1/6	120	1	60
EF-B9	RM B01 WELDING SHOP	WELDING MACHINE/SWITCH	IL	DD	1,000	0.15	860	11.8	1/8	120	1	60
EF-B10	AIR COMPRESSOR	THERMOSTAT	SP	DD	600	0.15	1,060	4.3	1/12	120	1	60
EF-B11	LUBE BAY	SWITCH	IL	DD	150	0.50	1,050	2.5	145 W	120	1	60
EF-C1	RM C01 RR	LIGHT SWITCH	CEF	DD	75	0.5	990	1.5	1/10	120	1	60
EF-C2	RM C02 VEHICLE STRG	THERMOSTAT	SP	DD	720	0.15	1,135	5.0	1/6	120	1	60
EF-C3	RM C02 VEHICLE STRG	THERMOSTAT	SP	DD	720	0.15	1,135	5.0	1/6	120	1	60
DBF-1	LAUNDRY	DIFFERENTIAL PRESSURE SWITCH	DBF	DD	160	0.15	1,060	5	50 W	120	1	60
EF-R1	REC. BLDG.	LIGHT SWITCH	CEF	DD	50	0.25	675	1.1	16W	120	1	60
EF-R2	REC. BLDG.	LIGHT SWITCH	CEF	DD	50	0.25	675	1.1	16W	120	1	60

FAN NOTES:

- CEF - CEILING FAN; SP - SIDEWALL PROPELLER FAN; IL - CABINET INLINE FAN; DD - DIRECT DRIVE
- PROVIDE FANS WITH SPEED CONTROLLER FOR AIR FLOW BALANCING.
- PROVIDE FAN WITH AN INTEGRAL DISCONNECT.
- REFER TO FIRE ALARM DRAWINGS FOR FIRE ALARM SHUTDOWN RELAYS.
- SEE ELECTRICAL FOR COMBINATION MOTOR STARTER/DISCONNECT.
- BASIS OF DESIGN IS GREENHECK FOR ALL FANS EXCEPT DBF-1.
- DBF DESIGN BASE IS TJERNLUND.
- SIZE SP FANS AS NECESSARY TO MATCH CLOSER TO LOUVER TO WHICH THEY ARE CONNECTING TO. SEE PLANS FOR LOUVER SIZE.
- EF-A6 SHALL HAVE AN EXPLOSION PROOF MOTOR AND SPARK RESISTANT CONSTRUCTION.

FT. WALTON BEACH
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No.	Description	Date

MECHANICAL SCHEDULES

Date 8/22/2018
Drawn By CAD/JML
Checked By WJJ

CONFORMED SET **M006**

DX SPLIT SYSTEM SCHEDULE

INDOOR UNIT																						
MARK	BUILDING SERVED	AIRFLOW (CFM)	OA (CFM)	ESP (IN W.C)	COIL COOLING PERFORMANCE								COIL HEATING PERFORMANCE				ELECTRICAL					
					EAT		LAT		TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	LATENT CAPACITY (MBH)	MAX. FACE VEL. (FPM)	SEER (MIN.)	EAT	LAT	TOTAL CAPACITY (MBH)	COP (MIN.)	BLOWER MOTOR (HP)	VOLT	PH	FREQ.	ELECTRIC STRIP HEAT (KW)
					DB (DEG F)	WB (DEG F)	DB (DEG F)	WB (DEG F)						DB (DEG F)	DB (DEG F)							
AH-B1	BLDG. B	1,995	85	0.5	72.5	59.5	54.0	51.5	47.0	40.6	6.4	500	16	70.3	84.0	29.7	3	1	208	1	60	8.7
AH-RB1	REC. BLDG.	1,825	120	0.5	73.8	61.6	55.0	52.8	48.9	40.4	8.5	500	16	69.4	84.0	30.5	3	1	208	1	60	8.9
AH-A1	BLDG. A	715	-	0.5	72.0	64.4	54.0	51.9	19.4	12.8	6.6	500	16	COOLING ONLY								

DX SPLIT SYSTEM SCHEDULE (CONTINUED)

OUTDOOR UNIT										
MARK	AMBIENT TEMP.			ELECTRICAL						
	SUMMER		WINTER	VOLT	PH	FREQ.	COMPRESSOR		FAN	
	DB (DEG F)	WB (DEG F)	DB (DEG F)				QTY.	RLA (EA.)	QTY.	FLA (EA.)
HP-B1	93.0	81.0	30.0	208	1	60	1	28.8	1	2
HP-RB1	93.0	81.0	30.0	208	1	60	1	21.2	1	2
CU-A1	93.0	81.0	30.0	208	1	60	1	25.0	1	2

NOTES:

- EXTERNAL STATIC PRESSURE (ESP) DOES NOT INCLUDE PRESSURE DROP THROUGH COILS, DUCT HEATER OR FILTERS.
- INSTALL UNIT IN STRICT ACCORDANCE WITH THE MFR'S PRINTED INSTRUCTIONS AND APPLICABLE CODES AND STANDARDS.
- PROVIDE 5-YEAR MANUFACTURER'S WARRANTY.
- PROVIDE FACTORY MOUNTED FIRE TATS TO SHUT UNIT DOWN UPON DETECTION OF EXCESSIVE HEAT IN THE SUPPLY SIDE DISCHARGE OF UNIT.
- PROVIDE MANUFACTURER AHU MOUNTED MULTI STAGE ELECTRIC HEATER.
- COORDINATE POWER REQUIREMENTS WITH ELECTRICAL.
- PROVIDE WITH MCDANELS LABOR SIZED FILTER HOUSING.
- PROVIDE 2" PLEATED FILTER. MAXIMUM FILTER VELOCITY EQUAL TO 360 FPM.
- PROVIDE AHU WITH HOT GAS REHEAT AND COMPLETE DEHUMIDIFICATION MODE SEQUENCE.
- SIZE REFRIGERANT LINES AS PER MANUFACTURER'S RECOMMENDATION.
- PROVIDE WITH MULTI-STAGE SCROLL COMPRESSOR AND LONG LINE KIT.
- PROVIDE CORROSION PROTECTION COATING ON COILS FOR SEACOAST OPERATION.
- PROVIDE CONCRETE PAD FOR CONDENSING UNIT MOUNTING.
- PROVIDE UNIT WITH CONDENSER COIL GUARDS, TIME DELAY ON RESTART CONTROL, FILTER DRYER, REFRIGERANT SIGHT GLASS AUTOMATIC DEFROST CYCLE, THERMOSTAT, AND ADJUSTABLE EXPANSION VALVE.
- BASIS OF DESIGN IS LENNOX.
- PROVIDE WITH FACTORY CONTROLS INCLUDING PROGRAMMABLE THERMOSTAT AND HUMIDISTAT.

FT. WALTON BEACH

FIELD OFFICE COMPLEX

No.	Description	Date
4	ASI -04/30/19	04/30/19

MECHANICAL SCHEDULES

Date 8/22/2018
Drawn By CAD/JML
Checked By WJJ

CONFORMED SET

M007