CORPS	OF	ENGINEERS

												А	IK F	HANL) LIN(; UN	S(JHEL)ULE												
					FAN DAT	Â					CHI	ILLED W	ATER CO	DOLING [DATA							HOT WAT	ER PREF	IEAT COIL	DATA					FILTER DAT	Α
MARI	<	TYPE	TOTAL AIR L/s	OUTSIDE AIR L/s	EXTERNAL STATIC PRESSURE MM H2O	FAN MOTOR KW		RICAL DATA			LATENT. COOLING CAP. KW	GENTE AIR Cdb	RING TEMP.	CHILLED DA		MAX WPD M W.G.	CONTROL TYPE		PIPE RUNOUT SIZE (MM)	MAX. FACE VEL. M/MIN	MIN. OUTPUT CAP. KW	AIR TEMP. DATA °C ENT.	L	WATER ATA °C ENT.	MAX WPD	CONTROL		PIPE RUNOUT SIZE (MM)	MAX. FACE VEL. M/L PER MIN.	EFFICIENCY PRE, FINAL (%, %)	THICKNESS PRE, FINAL (mm, mm)
AHU-	-1	HDT	2445	1420	70	7.46	460	3 60	152.4	92.8	42.1	31.0	23.2	4.0	5.6	3.05	3-WAY	32	65	213.4	18.6	0.3	0.4	82.2	1.52	3-WAY	3.1	25	91.2	30, 85	50, 305
AHU-	-2	HDT	11880	4720	100	37.3	460	3 60	152.4	385.8	141.5	29.3	20.7	16.62	5.6	3.05	3-WAY	130	100	213.4	63.6	0	1.37	82.2	1.52	3-WAY	11.0	40	91.2	30, 85	50, 305

<u>AHU NOTES:</u>

VDT – VERTICAL DRAW THRU HDT – HORIZONTAL DRAW THROUGH

PROVIDE EXTENDED LUBE LINES TO OUTSIDE OF UNIT CASING ON THE SIDE WHICH IS ACCESSIBLE FOR SERVICING ON ALL UNITS. PROVIDE VARIABLE FREQUENCY DRIVES W/ SURGE PROTECTION.

ADJUST LOCATION OF UNITS IN MECHANICAL ROOMS AS REQUIRED FOR SERVICE AS RECOMMENDED BY MANUFACTURER.

PIPE ALL CONDENSATE FROM UNITS TO DRAIN WITH TRAP. MAY NEED DISASSEMBLY AND REASSEMBLY IN MECHANICAL ROOM.

						FΑ	N SC	HEDUL	Ē				
					PERFORMAN	CE DATA			ELECTR	ICAL			
MARK	LOCATION	TYPE	DRIVE	AIR FLOW L/s	E.S.P. MM W.G.	MAX. RPM	MAX. SONES	MAX. WATTS	VOLTS	PHASE	Hz	CONTROL	NOTES
EF-1	FLIGHT KITCHEN	UB	BD	989	28	1213	15.2	560	208	3	60	VENTILATOR PANEL	BS, BDD
EF-2	KITCHEN	UB	BD	3297	41	887	18.5	2238	208	3	60	VENTILATOR PANEL	BS, BDD
EF-3	KITCHEN	UB	BD	3297	41	887	18.5	2238	208	3	60	VENTILATOR PANEL	BS, BDD
EF-4	KITCHEN	UB	BD	2543	56	1245	23.0	2238	208	3	60	VENTILATOR PANEL	BS, BDD
EF-5	DISHWASHER	CRV	DD	471	4.5	1060	6.3	125	120	1	60	DEDICATED WALL SWITCH	BS, BDD
EF-6	MECH. ROOM	CRV	DD	824	4.5	928	7.7	249	120	1	60	LINE VOLTAGE T'STAT	BS, BDD
EF-7	BOILER ROOM	CRV	DD	353	4.5	860	4.1	125	120	1	60	LINE VOLTAGE T'STAT	BS, BDD
EF-8	PUBLIC TOILETS	CRV	DD	504	6.4	877	5.4	125	120	1	60	INTERLOCK W/ AHU-1 OCCUPIED MODE	BS, BDD
EF-9	EMPLOY. TOILETS	CRV	DD	480	6.4	850	5.1	125	120	1	60	INTERLOCK W/ AHU-2 OCCUPIED MODE	BS, BDD
EF-10	JANITOR	CRV	DD	66	6.4	1365	3.9	40	120	1	60	DEDICATED WALL SWITCH	BS, BDD

FAN SCHEDULE LEGEND

DD - DIRECT DRIVE

- BD BELT DRIVE EF – EXHAUST FAN
- BS BIRD SCREEN
- CB CENTRIFUGAL BLOWER ILC — INLINE CENTRIFUGAL FAN
- ESP EXTERNAL STATIC PRESSURE
- CEF CEILING EXHAUST FAN (CENTRIFUGAL) UB – UPBLAST ROOFTOP CENTRIFUGAL EXHAUST FAN
- BDD BACKDRAFT DAMPER
- FF FLY FAN (AIR CURTAIN)
- CRV CENTRIFUĜAL ROOF VENTILATOR

<u>FAN NOTES</u>

- 2. FANS SHALL BE PROVIDED WITH BACKDRAFT DAMPERS.

- SPEED CONTROLLER.
- 5. COLOR SHALL MATCH ROOF COLOR.

									DIF
				FAN DA	ГА				
MARK	TYPE	TOTAL	OUTSIDE	EXTERNAL STATIC		ELE	CTRICAL	DATA	MA
		AIR L/s	AIR L/s	PRESSURE MM W.G.	FAN MOTOR KW	VOLTS	PHASE	HERTZ	FACE M/
MAU-1	H&V	5286	5286	61	11.19	460	3	60	15:
MAU-2	H&V	1586	1586	56	3.73	460	3	60	15:

<u>MAKE-UP AIR UNIT NOTES:</u> H&V - HEATING AND VENTILATING WITH CHW COOLING COIL

PROVIDE 150 MM THICK CONCRETE PAD FOR EACH UNIT.

PROVIDE MANUFACTURERS CONTROL PANEL CAPABLE OF COMMUNICATING WITH THE CENTRAL DDC SYSTEM.

CONTROL PANEL SHALL INCLUDE REMOTE CONTROL AND MONITORING CONSOLE, MOTOR CONTACTOR, INTERMITTENT SPARK PILOT WITH SPARK TRANSFORMER, LOW FIRE START CONTROL, AND CONTROL POWER TRANSFORMER.

					G	AS HO	t wate	IR BOILER	S
			BOILER F	RATINGS				BURNER DATA	
MAI	RK	TYPE UNIT	NET OUTPUT KW	OPERATING PRESSURE kPa	FIRING RATE KW	EFFICIENCY PERCENT	GAS PRESSURE AVAILABLE kPa	TYPE	
B-	-1	WATER-TUBE	163.9	413.7	205	80	13.8	ATMOSPHERIC	NA

<u>BOILER NOTES</u>: BOILERS AND BURNERS SHALL BE UL LISTED, AND FACTORY TESTED. BOILERS SHALL BE PROVIDE IRI GAS TRAIN APPROVED BY AGA, ASME INPECTED AND STAMPED FOR WORKING PRESSURE, COMPLETE WITH MANUFACTURERS DATA REPORT. BOILERS SHALL BE PROVIDED WITH RELIEF VALVES AS REQUIRED BY ASME CODE. THE EFFICIENCY IS STEADY STATE AT HIGH FIRE.

GAS TRAIN CONTROLS SHALL INCLUDE ELECTRONIC MODULATING VALVE, DUAL GAS SOLENOID VALVES, MAIN PRESSURE REGULATOR, PILOT PRESSURE REGULATOR, PILOT OF 3050 SOLENOID VALVE, PILOT NEEDLE VALVE, MAIN SHUTOFF, PILOT SHUTOFF, MANUAL SHUTOFF LEAK TEST VALVES, AND SHALL MEET ANSI STANDARDS. SAFETY CONTROLS SHALL INCLUDE ULTRAVIOLET FLAME SUPERVISOR, HIGH AND LOW AIRFLOW PROVING SWITCHES, AUTOMATIC AND MANUAL HIGH TEMPERATURE LIMITS, AND A PRE-PURGE TIME DELAY RELAY.

4	3

PROVIDE A MINIMUM 150MM THICK UNIT.

UNITS MAY REQUIRE SETTING BEFORE WALL ARE INSTALLED OR UNITS

MAX CHW COIL FIN DENSITY SHALL

CHW COILS SHALL BE 8 ROWS DEE

1. ALL EXHAUST FANS SHALL BE INSTALLED WITH FLEXIBLE DUCT CONNECTION, VIBRATION ISOLATORS, AND FLEXIBLE CONDUIT. FAN SHALL NOT BE IN CONTACT WITH ANY OTHER DUCT, PIPING, CONDUIT, OR STRUCTURAL MEMBERS.

3. THE ROOF MOUNTED FANS SHALL BE PROVIDED WITH PREFABRICATED ROOF CURBS AND BACKDRAFT DAMPER.

4. ALL DIRECT DRIVE FANS WITH MOTORS LESS THEN 375 WATTS SHALL BE PROVIDED WITH AN ADJUSTABLE ELECTRONIC

ΈE	Cv	SIZE (MM	1) VEL. M/M	IIN CAP.	. KW	°C ENT.	L/s	°C ENT.	PD TYPE	E Cv	SIZE (MM) PER	/	(%, %)	, .	mm)								-
VAY	32	65	213.4		3.6	0.3	0.4		52 3-WA		25	91		30, 85	50,									E
VAY	130	100	213.4	63	3.6	0	1.37	82.2 1.	52 3-WA	AY 11.0	40	91	.2	30, 85	50,	305								
СК С	ONCRETE	PAD &	150 M BASE	E RAILS FO	R EACH																			
ALL E	E 1– FI	INS PER	25.4 MM																					
DEEP	MINIMUN	M. DRAIN	PANS SHALL	BE INSUL	ATED STEE	L.																		
											Г						·····						٦	
															AIR	<u>r</u> tern	MINAL UNIT	SCH	EDULE	(VAV)				
			EXPA	VSION	TANF	< SCH	IEDU	LE					MAXIMUM	MINIMUM	ROUND				HEATING				_	
				e (liters)		CHARGE						MARK	PRIMARY AIR L/s	PRIMARY AIR L/s	INLET SIZE 1 MM	TOTAL HEATING	MINIMUM OUTPUT CAPACITY KW	HW PIPE RUNOUT		HOT WATER	CONTROL	Cv	_	
	MARK		TANK MIN.	ACCEPTA MIN.		PRESSURE kPa	E	NOTES	5		-	_	710	200		L/s (2)		SIZE MM	, 	DROP M W.G.	VALVE TYPE		_	
	ET-1	1	60 L	38 l	L	82.7		REPLACEABLE	BLADDER		-	ATU - 1/1	310	200	205	200	3.3	15	0.07	1.52	3-WAY	0.7	_	
	ET-2	2	125 L	68 l	L	82.7		REPLACEABLE	BLADDER		-	ATU-1/2		560	305	560	9.8	20	0.21	1.52	3–WAY	2.0	_	
											-	ATU-1/3	1105	740	355	740	14.5	25	0.31	1.52	3-WAY	2.5	_	D
_											-	ATU-2/1	1350	590	355	590	6.4	20	0.14	1.52	3-WAY	1.7	_	
	A	IR SE	EPARA ⁻	for s	SCHED	ULE					-	ATU-2/1 ATU-2/2	560	240	255	240	2.6	15	0.14	1.52	3-WAY	0.7	-	
			OW	WORKING	INLET	OUTLE					-	ATU-2/2		240	305	240	4.2	15	0.08	1.52	3-WAT	0.7	-	
	MARK	RATE L/s	MAX WPD	PRESSURE kPa		SIZE					-	ATU-2/3		520	355	520	5.6	15	0.09	1.52	3-WAT	1.0	-	
-			kPa 7								-	ATU-2/5		115	150	115	1.5	15	0.12	1.52	3-WAT	0.6	-	
	AS-1	22.73	/ / 	862	100	100					-	ATU-2/6		50	125	50	1.4	15	0.03	1.52	3-WAT	0.6	-	
	AS-2	3.53	/	862	75	75					-	ATU-2/7	1290	555	355	555	6.1	20	0.13	1.52	3-WAY	1.0	-	
											-	ATU-2/8		45	125	45	1.2	15	0.03	1.52	3-WAY	0.6	_	
	()	NSTA	NT VC) UMF	RFGI	JI ATO	R S(CHEDUL	F		-	ATU-2/9		110	205	110	2.0	15	0.03	1.52	3-WAY	0.6	_	
	00				4						-	, ATU-2/10		40	125	40	0.7	15	0.01	1.52	3-WAY	0.6	_	
	MA	ARK	PRIMARY AIR L/s	PRIMARY		M (1)	NOTES				-	, ATU-2/11		45	125	45	1.0	15	0.02	1.52	3-WAY	0.6	_	
	CVI	R-1	1420	0	405x4	405	2 (4			-	, ATU-2/12		70	150	70	1.2	15	0.03	1.52	3-WAY	0.6	-	
	CVF	R-2	4720	0	660x6	660	3 (-	ATU-2/13	1440	625	405	625	6.9	20	0.15	1.52	3-WAY	1.1	_	
											-	ATU-2/14	150	60	205	60	1.6	15	0.03	1.52	3-WAY	0.6	_	C
	ONST	ant v()LUME R		OR SCH	HEDUI F	NOTE	-			-	ATU-2/15	175	75	150	75	2.2	15	0.05	1.52	3-WAY	0.7		
	1) INLE	T DUCT (CONNECTION					zes indicated			-	ATU-2/16	1080	475	355	475	5.3	15	0.11	1.52	3-WAY	1.0	_	
(- רו		-	ATU-2/17	175	70	150	70	1.9	15	0.04	1.52	3-WAY	0.6	_	
(SPE	CIFICALLY	FOR MEASU	LOW MEASU RING AND	METERING	OF OUTSIDE	E AIR.	MANUFACTURE	_D		-	ATU-2/18	100	45	125	45	1.3	15	0.03	1.52	3-WAY	0.6	_	
(3) FLOW	N MEASUF	RING AND ME	ETERING ST	ATION MAN	UFACTURED	SPECIFI	ICALLY FOR			-	ATU-2/19	1420	535	405	535	5.7	15	0.12	1.52	3-WAY	1.0	_	
(-	ATU-2/20	800	340	305	340	4.2	15	0.09	1.52	3-WAY	0.7	_	
			WEEN MAXIN CALIBRATION			RIMARY FLOW	W INDICA	LOW AT ANY .ted without			L		IAIR	I TERMINAL	UNIT NOTES	<u> </u>								
													6				N SHALL NOT BE SM	IALLER THAI	N SIZE INDI	CATED.				
													(2) MINIMUM	PRIMARY AI	IR.								
																	OF AIR TERMINAL U M PRIMARY AIR FLO			ARGE STATIC PRESSURE 13 MM H20.	DIFFERENTIAL)	WITH PRIMARY	´ AIR	
																				L				
	E													DUCTWOF						E EMITTED FROM UNIT GAGE DIFFERENTIAL STA				
								HEATING DAT	Ā		FILTEI	r data		UNIT.										
		1				OUTPUT I			AMBIENT	GAS PRESSURE	TYPE	THIC								MITTED THRU CASING N WITH 25 MM WATER GA				В
			I.G. TYPE	01	SIZE (MM)		r\ vv	°C		kPa					AIR TERMIN									
_			05 3-WAY	12.5	50		135.7	17.1	-2.2	13.8	35%	50								TESTS CONDUCTED IN CIBELS REFERENCE TO				
6	0.5	5.6 3.0	05 3-WAY	4.0	32	39.5	39.5	17.2	-2.2	13.8	35%	50					ND INCLUDES 10 db				TU WATTS AT	UCTAVE DAM	IDS AND	
			THROUGH M		ROOM WAL	L A MINIMU	JM DISTA	ANCE					3) ALL ATU	CONTROLS	SHALL BE F	PRESSURE INDEPEND	ENT.						
050	MM AWAY	r from c	OUTSIDE AIR	INTAKES.																				
																		'AS-I	BUILT'	NOTE: ALL [DIMENSIONS AND/	OR DIMENSIC	NS SHOWN	
DATA																		JANUA	ARY, 2003	IN CALLOUTS OTHERWISE	S/NOTES ARE IN NOTED.	MILLIMETERS	UNLESS	
. _{НГ}	RTZ																	IGNED BY:		BULLOCK TICE ASSOCIAT		MY ENGINEER D	ISTRICT, MOBILE	-
. ! ! L																		CANEKERATN	IE .	909 E. CERVANTES ST., SL PENSACOLA, FL. 3250	IITE B	CORPS OF ENG MOBILE, ALA	SINEERS	
6	0																DRA	WN BY:			FORCE BASE			A
																		REMSKI		FY-00 EC	GLIN DINING	g facili	ΤY	
]																СНЕ	CKED BY:			C SCHEDU	FC		
																	R. (CANEKERATN	IE	IIVA	U JUHLUU	JLLU		
																		PERVISED BY		REF NO CADD FILE).: EGL-229-		
																	G. F	PETERSON	M	—105 277м105	1.000	CT NO.: DACA)1-00-C-0042)01	
				3									2											

A	IR SE	E PARA	TOR SC	CHEDU	
MARK	FL RATE L/s	OW MAX WPD kPa	WORKING PRESSURE kPa	INLET SIZE MM	OUTLET SIZE MM
AS-1	22.73	7	862	100	100
AS-2	3.53	7	862	75	75

PE	Cv	SIZE (MM)	VEL. M/MIN	CAP. KW	°C ENT.	L/s '	°C ENT. WP	D TYPE	E Cv S	SIZE (MM) PER	MIN.	(%, %)	(mm,	mm)								-
VAY	32	65	213.4	18.6	0.3	0.4	82.2 1.5			25		1.2	30, 85	50, 3									E
VAY	130	100	213.4	63.6	0	1.37	82.2 1.5	2 3-WA	AY 11.0	40	9	1.2	30, 85	50, 3	305								
ск сс	NCRETE	E PAD & 1	50 M BASE	RAILS FOR EAC	СН																		
	- 1_ FI	INS PER 25	5 / MM																				
				BE INSULATED	STEFI																		
DLLI			AND JHALL I		JILL.																		
										ſ				AIR	, TERM	/INAL UNI		- DUI F	(VAV)				
										-				ROUND				HEATIN	\ /			-	
			EXPAN Volume		ANK SCH		_ <u>L</u>				MARK	MAXIMUM PRIMARY	PRIMARY	INLET SIZE (1)	TOTAL HEATING	MINIMUM OUTPUT	HW PIPE RUNOUT		HOT WATER			-	
	MARK		TANK	ACCEPTANCE MIN.	CHARGE PRESSUR kPa		NOTES			-	3	AIR L/s	AIR L/s	MM	L/s (2)	CAPACITY KW	SIZE MM	L/s	MAXIMUM PRESSURE DROP M W.G.	CONTROL VALVE TYPE	Cv	_	
	ET-1		MIN. 60 L	38 L	82.7	RI	EPLACEABLE E	BLADDER		-	ATU-1/1	310	200	205	200	3.3	15	0.07	1.52	3-WAY	0.7	_	
	ET-2	2 1	25 L	68 L	82.7		EPLACEABLE E			-	ATU-1/2	970	560	305	560	9.8	20	0.21	1.52	3-WAY	2.0	_	
										-	ATU-1/3	1165	740	355	740	14.5	25	0.31	1.52	3-WAY	2.5	_	D
										-	ATU-2/1	1350	590	355	590	6.4	20	0.14	1.52	3-WAY	1.7	-	
	A	IR SE	PARAT(DR SCH	EDULE					-	ATU-2/2	560	240	255	240	2.6	15	0.06	1.52	3-WAY	0.7	-	
	MARK	FLO RATE									ATU-2/3		280	305	280	4.2	15	0.09	1.52	3-WAY	0.7	-	
		L/s	WPD kPa	RESSURE kPa	SIZE SIZE MM MM						ATU-2/4	1200	520	355	520	5.6	15	0.12	1.52	3-WAY	1.0	1	
	AS-1	22.73	7	862	100 100)					ATU-2/5	270	115	150	115	1.5	15	0.03	1.52	3-WAY	0.6		
	AS-2	3.53	7	862	75 75						ATU-2/6	115	50	125	50	1.4	15	0.03	1.52	3-WAY	0.6		
Ĺ		<u> </u>	I	I	I						ATU-2/7	1290	555	355	555	6.1	20	0.13	1.52	3-WAY	1.0		
]			ATU-2/8		45	125	45	1.2	15	0.03	1.52	3-WAY	0.6		
	<u> </u>	NSIAN			EGULATO	NK SC	HEDUL	- 		-	ATU-2/9	240	110	205	110	2.0	15	0.04	1.52	3-WAY	0.6	-	
	MA	ARK	MAXIMUM PRIMARY AIR L/s	MINIMUM PRIMARY AIR L/s	NLET SIZE MM (1)	NOTES				-	ATU-2/10 ATU-2/11		40	125	40	0.7	15	0.01	1.52	3-WAY 3-WAY	0.6	_	
	CVI	′R–1	1420		405x405	24	.)			-	ATU-2/12		70	150	70	1.2	15	0.02	1.52	3-WAT	0.6	-	
		R-2	4720		660×660	34				ŀ	ATU-2/13		625	405	625	6.9	20	0.15	1.52	3-WAY	1.1	-	
											, ATU-2/14		60	205	60	1.6	15	0.03	1.52	3-WAY	0.6	-	C
C	onst <i>i</i>	ANT VOI	_UME RE	GULATOR	SCHEDULE	NOTES):			-	ATU-2/15	175	75	150	75	2.2	15	0.05	1.52	3-WAY	0.7	-	
) INLE				SMALLER THAN						ATU-2/16	1080	475	355	475	5.3	15	0.11	1.52	3-WAY	1.0		
(2			JNIT OR FLO	W MEASURING	AND METERING RING OF OUTSID	STATION M	IANUFACTURED)			ATU-2/17	175	70	150	70	1.9	15	0.04	1.52	3-WAY	0.6		
											ATU-2/18	100	45	125	45	1.3	15	0.03	1.52	3-WAY	0.6		
					MANUFACTURED IR.					-	ATU-2/19		535	405	535	5.7	15	0.12	1.52	3-WAY	1.0	_	
(4) CVR SETP	AND CONT POINT BETW	ROLLER SHAI EEN MAXIMUI	LL BE CAPABLE M AND MINIMUI	E OF CONTROLL M PRIMARY FLO	LING AIRFLO W INDICATE)w at any Ed without				ATU-2/20	800	340	305	340	4.2	15	0.09	1.52	3-WAY	0.7		
	REQU	UIRING REC	ALIBRATION A	AT THE FACTOR	XY.									<u>UNIT NOTES</u>		I SHALL NOT BE SM	1allfr than	I SIZE INDI	CATED				
														PRIMARY AII		GINLE NOT DE GI							
													MAXIMUM	INTERNAL F	RESISTANCE				ARGE STATIC PRESSURE	DIFFERENTIAL)	with primar'	Y AIR	
																M PRIMARY AIR FLO			2				
)UL	E												DUCTWOF					•	E EMITTED FROM UNIT GAGE DIFFERENTIAL STA				
					_		HEATING DATA	\	210	FILTE	r data		UNIT.										
	DATA	WPD	CONTROL			INPUT DI KW		MBIENT EMP °C P	GAS RESSURE kPa	TYPE	THIC		INDICATE	D. FOR VAV	/ UNITS MAX				MITTED THRU CASING V WITH 25 MM WATER GA				B
		ENT. M W.(5.6 3.05		Cv SIZE (1 12.5 50		135.7	17.1	-2.2	13.8	35%	50			AIR TERMINA									
				4.0 32		39.5		-2.2	13.8	35%	50		880. N	IAXIMUM SOL	JND POWER	LEVELS INDICATED	ARE EXPRES	SSED IN DE	TESTS CONDUCTED IN CIBELS REFERENCE TO	ACCORDANCE W 10 ⁻¹² WATTS AT	/ITH ARI STAN OCTAVE BAN	IDARD NDS AND	
							I	I	I				-			ND INCLUDES 10 d PRESSURE INDEPENE		E FUR CEIL	ING ABSURPTION.				
			TSIDE AIR IN		I WALL A MINIM	UM DISTAN	CE						J ALL AID	CONTROLS .	SHALL DE I								
																	'AS-E			DIMENSIONS AND			
DATA																	JANUA	RY, 2003	OTHERWISE	S/NOTES ARE IN NOTED.	MILLIMETERS	UNLESS	
HEF	RTZ															DES	GIGNED BY:		BULLOCK TICE ASSOCIAT			DISTRICT, MOBILE	-
																R.	CANEKERATN	E	909 E. CERVANTES ST., SL PENSACOLA, FL. 3250	1	CORPS OF EN MOBILE, ALA	BAMA	
6																	WN BY:		eglin air FY—00 EC	FORCE BASE			
																	REMSKI					1 1	
																	CANEKERATN	E	HVA	C SCHEDU	JLES		
																SUF	PERVISED BY	: SH	REF NO CADD FILE	NAME FILE NO	D.: EGL-229	-66	-
																G.	PETERSON		—105 277м105	F.DWG CONTRA		01-00-C-0042	:
				ζ								<u></u> у						I	1				

IREC	T FIRED	MAKE-UP	AIR	UNIT	SCH	EDI	JLE												
		CH	HILLED WAT	FER COOLI	NG DATA										HEATING D	ATA		FILTER DA	ATA
MAX. CE VEL M/MIN	TOT COOLING CAP KW	SENSIBLE COOLING CAP. KW	TEN	IG AIR MP.	ENTER AIR TE	EMP.	CHILLED DA	TA	MAX WPD	CONTRO		PIPE RUNOUT SIZE (MM)	OUTPUT KW	INPUT KW	DISCHARGE AIR TEMP	AMBIENT TEMP °C	GAS PRESSURE kPa	TYPE	THICK
	r\ W	r\ W	°Cdb	°Cwb	°Cdb	°Cwb	L/s	°C ENT.	M W.G.	TYPE	Cv				C		кги		
152.4	37.4	37.4	28	24	33.9	25.6	1.61	5.6	3.05	3-WAY	12.5	50	135.7	135.7	17.1	-2.2	13.8	35%	50
152.4	11.7	11.7	28	24	33.9	25.6	0.5	5.6	3.05	3-WAY	4.0	32	39.5	39.5	17.2	-2.2	13.8	35%	50

RUN GAS

Γ

SCHEDU								
			١	WATER DAT	Â	ELEC	TRICAL D	ATA
FUEL	FLUE SIZE MM	COMBUSTION CONTROL	L/s	°C LVG	MAX WPD M W.G.	VOLTS	PHASE	HERTZ
IATURAL GAS	457	ELECTRONIC	3.53	82.2	1.2	115	1	60

		1	L	J.S. ARMY
·		REVISIONS		
REVISION NO. AMD. SYMBOL SYMS. C.O.R. DI		DESCRIPTION	DATE	APPROVED

							E
UNIT	SCHE	DULE	(VAV)				
		HEATING					
M OUTPUT CITY KW	HW PIPE RUNOUT	L/s	HOT WATER C MAXIMUM PRESSURE	CONTROL	Cv		
	SIZE MM		DROP M W.G.	VALVE TYPE			
3.3 9.8	15	0.07	1.52	3-WAY	0.7		
4.5	20 25	0.21	1.52	3-WAY	2.0		
4.0	23	0.31	1.52	3-WAY	2.0		D
5.4	20	0.14	1.52	3-WAY	1.7		
2.6	15	0.06	1.52	3-WAY	0.7		
1.2	15	0.09	1.52	3-WAY	0.7		
5.6	15	0.12	1.52	3-WAY	1.0	-	
.5	15	0.03	1.52	3-WAY	0.6	-	
.4	15	0.03	1.52	3-WAY	0.6	-	
5.1	20	0.13	1.52	3-WAY	1.0		
1.2	15	0.03	1.52	3-WAY	0.6	-	
2.0	15	0.04	1.52	3-WAY	0.6		
).7	15	0.01	1.52	3-WAY	0.6		
1.0	15	0.02	1.52	3-WAY	0.6		
1.2	15	0.03	1.52	3-WAY	0.6		
5.9	20	0.15	1.52	3-WAY	1.1		
1.6	15	0.03	1.52	3-WAY	0.6		C
2.2	15	0.05	1.52	3-WAY	0.7		
5.3	15	0.11	1.52	3-WAY	1.0		
1.9	15	0.04	1.52	3-WAY	0.6		
.3	15	0.03	1.52	3-WAY	0.6		
ō.7	15	0.12	1.52	3-WAY	1.0		
1.2	15	0.09	1.52	3-WAY	0.7		
IOT BE SM	ALLER THAN	SIZE INDI	CATED.				
ERMINAL U	NIT (INLET T	TO DISCHA	ARGE STATIC PRESSURE	DIFFERENTIAL) \	with primaf	ry air	
			13 MM H ₂ O.	,			
			E EMITTED FROM UNIT D GAGE DIFFERENTIAL STAT				
	WITT 23 WIW		JACE DITIENENTIAL STAT	NO TRESSORE A	CIVOJJ AIN		
			MITTED THRU CASING W				B
JIATED SOL	JND POWER I	_EVEL IS	WITH 25 MM WATER GA	GE DIFFERENTIAL	. STATIC P	RESSURE	
AL UNITS S	HALL BE BAS	SED UPON	TESTS CONDUCTED IN	ACCORDANCE W	ITH ARI STA	NDARD	
			CIBELS REFERENCE TO ING ABSORPTION.	10 ⁻¹² WATTS AT	OCTAVE BA	ANDS AND	
INDEPEND	ENT.						
	'AS-B	UILT'		IMENSIONS AND/			
	JANUAR	Y, 2003	IN CALLOUTS OTHERWISE N	/NOTES ARE IN NOTED.	MILLIMETER	S UNLESS	
	GNED BY:		BULLOCK TICE ASSOCIATE	S U.S. ARI	MY ENGINEER	DISTRICT, MOBILE	
	CANEKERATNE		909 E. CERVANTES ST., SUI PENSACOLA, FL. 32501	TE B	CORPS OF EI MOBILE, AL	NGINEERS	
DRA	WN BY:		EGLIN AIR	FORCE BASE	, FLORID	4	A
A. R	EMSKI		FY-00 EG	LIN DINING	g facil	ITY	
CHE	CKED BY:		H\/Δ(C SCHEDL	JI FS		
R. C	CANEKERATNE						
	ERVISED BY:		REF NO CADD FILE).: EGL -22°	9-66 A01-00-C-0042	
G. F	PETERSON	M	—105 277м105f	.Dwg	CI NO.: DAC APRIL 11,		
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