

AIR HANDLING UNIT SCHEDULE																												
DESIGNATION	TYPE	CAPACITY CFM	OUTSIDE AIR CFM	FAN SECTION						COOLING COIL										HEATING COIL						FILTER TYPE	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS
				EST EXT SP. WG	MIN. H.P.	VOLTS	PHASE	HZ	CAPACITY C.F.M.	E.A.T. DB/WB	L.A.T. DB/WB	TOTAL LOAD BTU/HR	MIN. FA SQ. FT.	GPM/WT. WATER °F	MIN. ROWS	MAX. PD. FT. H ₂ O	CAPACITY C.F.M.	E.A.T. °F	L.A.T. °F	TOTAL LOAD BTU/HR	MIN. FA SQ. FT.	GPM/WT. WATER °F	MIN. ROWS	MAX. PD. FT. H ₂ O				
REMAINING UNIT	MULTI-ZONE	11,030	2,275	1.5	10	450	3	60	10,175	82.0/27.0	55.0/54.3	377,360	20.4	75/44	6	10	8600	56.4*	95.0	330,445	12.3	36/150	2	5	MED CAPACITY ANGLE 1 THRU 5	TRANE # 21	TOP INLET & OUTLET	

WATER CHILLING UNIT SCHEDULE													
DESIGNATION	TYPE	NOM TONS	AMB TEMP °F	ELEC. DATA			COOLER DATA				MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
				VOLTS	PHASE	HZ	GPM	E.W.T. °F	L.W.T. °F	WTR. PD. FT.			FOULING FACTOR
CHILLER	AIR COOLED	33.0	100	480	3	60	70	54	44	9.5	1.0005	CARRIER 3064040	

BOILER SCHEDULE									
DESIGNATION	LOCATION	I-B-R NET OUTPUT CAPACITY BTU/HR	I-B-R INPUT BTU/HR	WATER TEMP		WATER FLOW G.P.M.	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
				IN	OUT				
BOILER	MECH. ROOM	560,000	700,000	152	180	36	LAAR# HB 700	COMPLETE WITH 18 STAMP LOW WATER CUT-OFF & FIA GAS TRAIN	

PUMP SCHEDULE													
DESIGNATION	LOCATION	SERVES	TYPE	CAPACITY G.P.M.	HEAD FT. H ₂ O	RPM	MIN. % EFF.	MOTOR			MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
								MIN. H.P.	VOLTS	PHASE			HZ
CHILLED WATER PUMP	MECH. ROOM	CHILLED WATER	END-SUCTION	70	45	1750	79	2	480	3	60	AURORA MODEL 324A-1/2X2X7	
HEATING WATER PUMP NO. 1 & 2	MECH. ROOM	HEATING WATER	IN-LINE	30 EQ.	35	1750	46	1	480	3	60	BELL & HOWELL 36613 80-13 X14XT	ALL BRONZE
HOT WATER CIRCULATOR	MECH. ROOM	DOMESTIC HOT WATER	IN-LINE	12	8	1750	—	1/2	120	1	60	BELL & HOWELL NO. 2V	ALL BRONZE

FAN SCHEDULE													
DESIGNATION	LOCATION	SERVES	TYPE	CAPACITY CFM	EST. EXT. SP. WG.	RPM	MOTOR			MAX. SONES	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
							MIN. H.P.	VOLTS	PHASE				HZ
EXH. FAN NO. 1	F-1 MAIN BUILDING	TOILET EXH.	DOVE-BELT DR.	1800	.75	625	1/4	120	1	60	5.5	PENN. NO. CB-18	ELECTRICAL CONNECTION
SUP. FAN NO. 2	F-2 MAIN BUILDING	MECH. ROOM VENT.	DOVE-DIRECT DR.	1000	.125	1140	1/6	120	1	60	5.0	PENN. NO. A10-1T	W/ DAMPER DOOR SHUT & HEAT SHIELD
EXH. FAN NO. 3	F-3 MAINT. BUILDING	GEN. ROOM VENT.	DOVE-BELT DR.	4400	.125	850	1/5	120	1	60	6.0	PENN. NO. CB-18	ADJUSTABLE PULLEY FOR BELT DRIVE RATIO
EXH. FAN NO. 4	F-4 MAINT. BUILDING	GARAGE VENT.	DOVE-BELT DR.	2200	.25	625	1/6	120	1	60	4.5	PENN. NO. CB-18	

WATER HEATER SCHEDULE								
DESIGNATION	SERVES	TYPE	GAS INPUT BTUH	STORAGE GAL.	RECOVERY @ 100° RISE	L.W.T. °F	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS
WATER HEATER NO. 2	VEHICLE MAINT. BUILDING HW	GAS FIRED	250,000	NONE	240/PH	160°	RAYPAK MODEL 250 T10	WITH 115/1/60 PUMP SEE SPEC.

UNIT HEATER SCHEDULE													
DESIGNATION	LOCATION	A & B INPUT BTUH	VOLTS	PHASE	HZ	KW	TYPE	AMP.	CFM	BTUH	TEMP. RISE °F	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS
CEILING HEATER	VEHICLE MAINT. BUILDING	—	120	1	60	1.8	ELEC.	—	70	648	—	MUTONS NO. 8113	CEILING STRAIGHT HEAT & LIGHT
UNIT HEATER NO. 1	VEHICLE MAINT. BUILDING	300,000	120	1	60	—	GAS	—	3420	16620	65	HASTINGS NO. F-300	1" DUCT & STAGE VALVE, ELEC. SWITCH / 21V. 5A

AIR COMPRESSOR SCHEDULE														
DESIGNATION	TYPE	SERVICE	COMPRESSOR				MOTOR			TANK		MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
			PRESS.	DISPL. CFM	RPM	CAP. CFM	MIN. H.P.	VOLTS	PHASE	HZ	SIZE			CAP. GAL.
AIR COMPRESSOR	VERTICAL 2 STAGE	MAINT. BUILDING UTILITY AIR	75 PSIG	34.2	840	24.4	7 1/2	480	3	60	25" VERT.	120 ASME	LEROI NO. 5352V	CUT IN @ 150 PSI / CUT OUT @ 175 PSI

NO.	INDEX	DATE	REVISION	BY

BOVAY ENGINEERS, INC.
HOUSTON SPRINGFIELD BIRMINGHAM
AUSTIN WASHINGTON, D.C.

**LOUISIANA STATE POLICE
TROOP L HQ. FACILITIES
COVINGTON, LA.
PROJECT 08-04-01-75-1L
SCHEDULES & DETAILS**

DESIGNED BY	T.C.T.	SCALE	AS NOTED
DRAWN BY	T.C.T.	PROJECT NO.	2187-507
CHECKED BY	E.S.	DATE	12/15/78

STATE OF LOUISIANA
BOVAY ENGINEERS, INC.
REGISTERED PROFESSIONAL ENGINEERS
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