

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. HP.	ELECTRICAL			CAPACITY C.F.M.	E.A.T. °F DB/WB	L.A.T. °F DB/WB	TOTAL LOAD BTU/HR	MIN. FA. SQ. FT.	GPM/ENT. 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/ENT. WATER °F	MIN. ROWS	MAX. PD. FT. H ₂ O
1. REMAINING UNIT	MULTIZONE	11,030	2,775	1.5	10	480	3	60	10,175	82.0/67.0	55.0/54.3	377,360	20.4	75/44	6	10	8900	56.4°	95.0	380,445	12.3	36/180	2	5	MED. CAPACITY ANGLE, 1" THERMAL WALL	TRANE # 21	TOP INLET & OUTLET

WATER CHILLING UNIT SCHEDULE													
DESIGNATION	TYPE	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			FOULING FACTOR	
CHILLER	AIR COOLED	33.0	100	480	3	60	70	54	44	9.5	1.0005	CARRIER 306A 040	

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	100,000	152	180	36	LAAR# HB 700	COMPLETE WITH 2" STEEL LOW WATER CUT-OFF & R/A GAS TRAP	

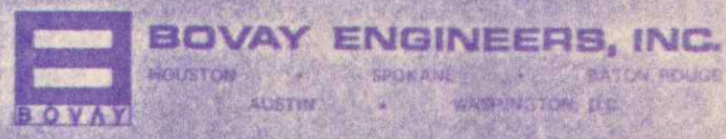

PUMP SCHEDULE													
DESIGNATION	LOCATION	SERVES	TYPE	CAPACITY G.P.M.	HEAD FT. H ₂ O	RPM	MIN. % EFF.	MOTOR			MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
								MIN. HP.	VOLTS	PHASE HZ			
CHILLED WATER PUMP	MECH. ROOM	CHILLED WATER	END-SUCKION	70	45	1750	73	2	480	3	60	ALROSA MODEL 324A-1524T	
HEATING WATER PUMP NO. 1 & 2	MECH. ROOM	HEATING WATER	IN-LINE	30 EA.	35	1750	46	1	480	3	60	BELL & HOWELL SEER 80-15X14X7	ALL BRONZE
HOT WATER CIRCULATOR	MECH. ROOM	DOMESTIC HOT WATER	N-LINE	12	8	1750	—	1/2	120	1	60	BELL & HOWELL NO. 21	ALL BRONZE

FAN SCHEDULE													
DESIGNATION	LOCATION	SERVES	TYPE	CAPACITY CFM	EST. S.P. "WG.	RPM	MOTOR			MAX. SONES	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
							MIN. HP.	VOLTS	PHASE HZ				
EXH. FAN NO. 1	F-1 MAIN BUILDING	TOILET EXH.	DOME-BELT DR.	1800	1.75	275	1/4	120	1	60	5.5	PENN. NO. CB-5	ADJUSTABLE PULLEY
EXH. FAN NO. 2	F-2 MAIN BUILDING	MECH. ROOM VENT.	DOME-DIRECT DR.	1800	1.25	1140	1/8	120	1	60	5.0	PENN. NO. A10-11	DAMPEN/DIRT SHIELD HEAT SHIELD &
EXH. FAN NO. 3	F-3 MAINT. BUILDING	GEN. ROOM VENT.	DOME-BELT DR.	4400	1.85	390	1/4	120	1	60	6.0	PENN. NO. CB-120	ADJUSTABLE PULLEY 6"X2 BELT DRIVE BAND
EXH. FAN NO. 4	F-4 MAINT. BUILDING	GARAGE VENT.	DOME-BELT DR.	2200	1.25	275	1/8	120	1	60	4.5	PENN. NO. CB-18	

WATER HEATER SCHEDULE									
DESIGNATION	SERVES	TYPE	GAS INPUT BTU/H	STORAGE GAL.	RECOVERY @ 100° RISE	L.W.T. °F	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
									WATER HEATER NO. 1
WATER HEATER NO. 2	VEHICLE MAINT. BUILDING HW	GAS FIRED	250,000	NONE	2401PH	140°	RAYPAK MODEL 250 FIR	WITH 115/1/60 PUMP SEE SPEC.	

UNIT HEATER SCHEDULE													
DESIGNATION	LOCATION	A.G.A. INPUT BTU/H	VOLTS	PHASE	HZ	KW	TYPE	AMP	CFM	BTU/H	TEMP. RISE °F	MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS
CEILING HEATER	VEHICLE MAINT. BUILDING	—	120	1	60	1.8	ELEC	—	70	6142	—	MUTONS NO. 5113	CEILING REMOVED HEAT LOSS
UNIT HEATER NO. 1	VEHICLE MAINT. BUILDING	300,000	120	1	60	—	GAS	—	3450	26,711	65	HASTINGS NO. C-360	CURTAIN STAGE WALLS, REAR LANTIERE & DIM. SW.

AIR COMPRESSOR SCHEDULE													
DESIGNATION	TYPE	SERVICE	COMPRESSOR			MOTOR			TANK		MFG'R MODEL NO. OR APPROVED EQUAL	REMARKS	
			PRESS.	DISPL. CFM	RPM	HP.	MIN. HP.	VOLTS	PHASE HZ	SIZE			CAP. GAL.
AIR COMPRESSOR	VERTICAL 2 STAGE	MAINT. BUILDING UTILITY AIR	75	34.2	800	24.5	7 1/2	480	3	60	25.9 VERT	155 ASME	LEER# NO. 8552V CUT IN @ 120 PSI CUT OUT @ 175 PSI

NO.	INDEX	DATE	REVISION	APP.
 BOVAY ENGINEERS, INC. HOUSTON TEXAS MEMPHIS TENN. BATON ROUGE LA AUSTIN TEXAS WASHINGTON DC				
LOUISIANA STATE POLICE TROOP L HQ FACILITIES COVINGTON, LA PROJECT 08-04-01-75-IL SCHEDULES & DETAILS				
 STATE OF LOUISIANA CERTIFIED PUBLIC ENGINEER BOVAY ENGINEERS, INC. MEMPHIS, TENN.	DRAWN BY: T.C.T. CHECKED BY: E.B. APPROVED BY: [Signature] DATE: 12/15/78	AS NOTED 2487-07 M-5		