FINNED-TUBE RADIATION SCHEDULE												
		ELEMENT						E	NCLOSURE			
UNIT	SIZE	LENGTH	ROWS	MBH	TWA	GPM	WTD	MODEL	LENGTH	HGT	REMARKS	LOCATION
TR-1	3 1/4"x3 1/4" FINN	3'-0"	1	2.25	180°F	0.45	10°F	TRANE 10S	4'-0"	10"	TRANE ALUM. FINN SERIES 40, 3/4" COPPER TUBE	FUEL STORAGE ROOM
TR-2	3 1/4"x3 1/4" FINN		1	1.5	180'F	0.3	10°F	TRANE 10S	3'-0"	10"	TRANE ALUM. FINN SERIES 40, 3/4" COPPER TUBE	SHOWER ROOM
FTR-3	3 1/4"x3 1/4" FINN	2'-0"	1	1.5	180°F	0.3	10°F	TRANE 10S	3'-0"	10"	TRANE ALUM. FINN SERIES 40, 3/4" COPPER TUBE	RESTROOM

CABINET UNIT HEATER SCHEDULE											
UNIT NO.	LOCATION	мвн	GPM	WTD	P.D. H.W.	EAT	FAT	НР	VOLTS	PHASE	REMARKS
CUH-1	CORRIDOR	11.1	0.5	44.4	0.07	70°F	102°F	1/60	115	1ø	EQUAL TO TRANE MODEL "H", UNIT SIZE 02 SEMI-RECESSED FOUR SIDE OVERLAP
CUH-2	OFFICE	11.1	0.5	44.4	0.07	70°F	102°F	1/60	115	14	EQUAL TO TRANE MODEL "H", UNIT SIZE 02 SEMI-RECESSED FOUR SIDE OVERLAP

ВО	LER SCH	EDULE						
UNIT NO.	LOCATION	SERVICE	INPUT MBH	NET I-B-R RATING MBH	OIL GPH	ELEC.	BURNER MOTOR HP	
	MECHANICAL ROOM	BUILDING HEAT	364	258	2.60	120/10	1/2	HB SMITH MODEL 19A-W-3 OR EQUAL

HOT WATER UNIT HEATER SCHEDULE										
UNIT NO.	LOCATION	мвн	GPM	P.D. H.W.	EAT	FAT	HP	VOLTS	PHASE	REMARKS
UH-1&2	NOT USED							-		
UH-3	GENERATOR ROOM	27.4	2.83	.16	60	91	1/20	120	1ø	EQUAL TO TRANE MODEL 60-S
UH-4	MECH. ROOM	14.3	1.47	.05	60	84	1/20	120	1ø	EQUAL TO TRANE MODEL 38-S
UH5	STAIR	15.0	1.55	.04	60	84	1/20	120	1ø	EQUAL TO TRANE MODEL 42-S
UH-6&7	PUMP ROOM	45.3	4.67	.47	60	94	1/20	120	1ø	EQUAL TO TRANE MODEL 90-S

BASED OF 180' F AVERAGE WATER TEMPERATURE AND 20' F WATER TEMPERATURE DROP.

NO.	LOCATION	CFM	T.S.P.	SONES	TYPE	MOTOR DATA					
	SERVED		INCH,W.C.	CONES		HP	RPM	VOLTS	PHASE	REMARKS	LOCATION
EF-1	NOT USED										
EF-2	NOT USED										
EF-3	PUMP ROOM	1200	0.25	6.6	CENTF ROOF	1/6	949	120	1ø	EQUAL TO LORAN COOK MODEL 135C 2B	FAN LOCATED ON ROOF
EF-4	RESTROOM/ SHOWER	100	.25	1,4	CABINET	-	1260	120	1ø	EQUAL TO LORAN COOK MODEL GN-240	FAN LOCATED ABOVE HUNG CEILING
EF-5	ELECTRICAL ROOM	1400	.25	5.1	CENTF ROOF	1/6	821	120	1ø	EQUAL TO LORAN COOK MODEL 150C 2B	FAN LOCATED ON ROOF
SF-1	PUMP ROOM	1200	0.25	7.1	CENTF ROOF	1/6	741	120	1ø	EQUAL TO LORAN COOK MODEL 16CVR-S	FAN LOCATED ON ROOF
SF-2	ELECTRICAL ROOM	1400	0.25	8.2	CENTF ROOF	1/6	790	120	10	EQUAL TO LORAN COOK MODEL	FAN LOCATED ON ROOF

NOTES:

REFER TO DRAWING M-1 AND M-2 FOR LOCATIONSM OF MECHANICAL EQUIPMENT.
 REFER TO DRAWING M-5 FOR PIPING SCHEMATIC DIAGRAMS AND DETAILS.

MECHANICAL LEGEND

	GATE VALVE
×	CONTROL VALVE (2 WAY)
*	FUSIBLE LINK VALVE
<u>\$</u>	CONTROL VALVE (3 WAY)
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
7	STRAINER
	PIPE TURNING UP
— Inchargement	THERMOMETER
<u> </u>	PRESSURE GAUGE WITH SHUT OFF
•	DIRECTION OF AIR FLOW (SUPPLY)
	DIRECTION OF AIR FLOW (RA OR EXH)
N	CHECK VALVE
4	UNICN
	COMBINATION BALANCING & SHUT OFF VALVE
T	VOLUME DAMPER
	SUPPLY AIR DUCT UP
	SUPPLY AIR DUCT DOWN
	FLEXIBLE DUCT CONNECTION
	RETURN OR EXHAUST AIR DUCT UP
	RETURN OR EXHAUST AIR DUCT DOWN
2 cm - 40 h / 2 cm - 40 m / 2	INSULATED DUCTWORK
	CABINET UNIT HEATER (CUH)
	MOTOR OPERATED DAMPER (MOD)
Ð	UNIT HEATER (UH)
	HOT WATER SUPPLY (HWS)
	HOT WATER RETURN (HWR)
\bigcirc	THERMOSTAT
•	
⊕c	COOLING ONLY THERMOSTAT
	FIN TUBE RADIATOR (FTR) BARE ELEMENT
	FIN TUBE RADIATOR (FTR) WITH ENCLOSURE
	TURNING VANES
HA	HAND/AUTOMATIC SWITCH
H O A	
LT U A	HAND/OFF/AUTOMATIC SWITCH

ABBREVIATIONS

AD	ACCESS DOOR	GPM	GALLONS PER MINUTE
AFF	ABOVÉ FINISH FLOOR	INV EL	INVERT ELEVATION
AHU	AIR HANDLING UNIT	MAU	MAKE-UP AIR UNIT
ALUM	ALUMINUM	MIN	MINIMUM
BDD	BACKDRAFT DAMPER	MNT	MOUNT
CFM	CUBIC FEET PER MINUTE	MOD	MOTOR OPERATED DAMPER
CI	CAST IRON	NTS	NOT TO SCALE
CP	CIRCULATING PUMP		OUTSIDE AIR
CV	CONVECTOR		PRESSURE DROP
DIFF	DIFFUSER	-	REVOLUTIONS PER MINUTE
EAT	ENTERING AIR TEMPERATURE		SCHEDULE
EB9	ELECTRIC BASEBOARD	SD	SPLITTER DAMPER
EF	EXHAUST FAN	SF	SUPPLY FAN
ELEV	ELEVATION	SS	STAINLESS STEEL
FAT	FINAL AIR TEMPERATURE	T*STAT	THERMOSTAT
FC	FLEXIBLE CONNECTION	TV	TURNING VANES
FF EL	FINISH FLOOR ELEVATION	TYP	TYPICAL
FOR	FUEL OIL RETURN	UH	UNIT HEATER
FOS	FUEL OIL SUPPLY	VO.	MALINE OWNER
			VOLUME DAMPER
	AFF AHU ALUM BDD CFM CI CP CV DIFF EAT EB8 EF ELEV FAT FC FF EL FOR	AFF ABOVE FINISH FLOOR AHU AIR HANDLING UNIT ALUM ALUMINUM BDD BACKDRAFT DAMPER CFM CUBIC FEET PER MINUTE CI CAST IRON CP CIRCULATING PUMP CV CONVECTOR DIFF DIFFUSER EAT ENTERING AIR TEMPERATURE EBB ELECTRIC BASEBOARD EF EXHAUST FAN ELEV ELEVATION FAT FINAL AIR TEMPERATURE FC FLEXIBLE CONNECTION FF EL FINISH FLOOR ELEVATION FOR FUEL OIL RETURN	AFF ABOVE FINISH FLOOR INV EL AHU AIR HANDLING UNIT MAU ALUM ALUMINUM MIN BDD BACKDRAFT DAMPER MNT CFM CUBIC FEET PER MINUTE MOD CI CAST IRON NTS CP CIRCULATING PUMP OA CV CONVECTOR PD DIFF DIFFUSER RPM EAT ENTERING AIR TEMPERATURE SCH EBB ELECTRIC BASEBOARD SD EF EXHAUST FAN SF ELEV ELEVATION SS ELEV ELEVATION T'STAT FC FLEXIBLE CONNECTION TV FF EL FINISH FLOOR ELEVATION UH FOR FUEL OIL STIPPLY

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