

NOTE:
 ① PROVIDE FRAME SUITABLE FOR HARD CEILING INSTALLATION

ROOM SCHEDULE	
100	GENERAL SALES
101	ENT. VESTIBULE
102	FITTING ROOM
103	STOCK ROOM
104	CORRIDOR
105	MALE RESTROOM
106	FEMALE RESTROOM
107	DISPLAY STORAGE
108	JANITOR
109	MARKING/RECEIVING
110	ASSOC. ENTRANCE
111	COAT/LOCKER
112	ASSOC. LOUNGE
113	ASM UTILITY
114	CORRIDOR
115	MANAGER OFFICE
116	CASH/AUDIT
117	COPHER/MAIL ROOM
118	TRAINING ROOM
119	FITTING ROOM
120	STOCK
121	STOCK/ELECTRICAL
122	FITTING ROOMS
123	CORRIDOR
124	STOCK
125	CORRIDOR
126	STOCK
127	ELECTRICAL ROOM
128	STOCK
129	STOCK
130	CORRIDOR
131	FITTING ROOMS
132	FITTING ROOMS
133	STOCK
134	STOCK
135	STOCK
136	FITTING ROOMS

MECHANICAL EQUIPMENT

FANS

FAN F-1 & F-2 GREENHECK G-130-B
 745 CFM @ 0.5 ESP; 1140 RPM @ 1/8 HP; 120V-1Ø WITH: DISCONNECT SWITCH, BACKDRAFT DAMPER, BIRDSCREEN, PREFAB ROOF CURB.

FAN F-3 GREENHECK G-90-D
 425 CFM @ 0.5 ESP; 1550 RPM @ 1/15 HP; 120V-1Ø WITH: DISCONNECT SWITCH, BACKDRAFT DAMPER, BIRDSCREEN, PREFAB ROOF CURB

FAN F-4 GREENHECK SQ-85-D
 250 CFM @ 0.5 ESP; 1550 RPM @ 1/15 HP; 120V-1Ø WITH: DISCONNECT SWITCH, BACKDRAFT DAMPER, SPRING VIBRATION ISOLATORS, ACOUSTICAL LINING

FAN F-5 GREENHECK G-100-A
 1100 CFM @ 0.5 ESP; 1725 RPM @ 1/4 HP; 120V-1Ø WITH: DISCONNECT SWITCH, BACKDRAFT DAMPER, BIRDSCREEN, PREFAB ROOF CURB

FAN F-6 GREENHECK BSQ-90-A
 500 CFM @ 0.5 ESP; 1360 RPM @ 1/4 HP; 120V-1Ø WITH: DISCONNECT SWITCH, BACKDRAFT DAMPER, SPRING VIBRATION ISOLATORS, ACOUSTICAL LINING

UNIT HEATER MARKEL P3P5110CA1
 10.0 KW; 480V-3Ø; 1/50 HP; 700 CFM. MOUNT HEATER MAX. 10'-0" ABOVE FLOOR. PROVIDE WALL MOUNTING BRACKET AND BUILT-IN THERMOSTAT.

WALL HEATER MARKEL G3452
 2000 WATTS; 277V-1Ø; 6,825 BTUH; WITH: CIRCUIT BREAKERS, BUILT-IN THERMOSTAT, SEMI-RECESSED.

ENTRANCE VENTILATION SYSTEM GREENHECK BSQ-100-7
 1500 CFM @ 1.0 ESP; 3/4 HP @ 2265 RPM; 480V-3Ø WITH: DISCONNECT SWITCH, BACKDRAFT DAMPER, MOTOR COVER/BELT GUARD, INTERNAL INSULATION, HANGING VIBRATION ISOLATORS, FILTER SECTION.
 10.0 KW DUCT HEATER, 2 STEPS, 480V-3Ø MARKEL INDUCTO. SEE STANDARD DETAIL FOR ADDITIONAL INFORMATION.

SEQUENCE OF OPERATION
 UTILIZE A HEATING/COOLING THERMOSTAT ADJACENT TO FAN/HEATER SET ABOVE ACCESSIBLE CEILING. A REMOTE SENSOR SHALL BE MOUNTED AS INDICATED ON WALL OF ENTRANCE VESTIBULE. THERMOSTAT TO AUTOMATICALLY OPERATE HEAT & FAN TO A SETPOINT OF 60°F (ADJUSTABLE), ABOVE 80°F IN VESTIBULE FAN ONLY WILL CYCLE ON.

AIR DISTRIBUTION

SYMBOL	SERVICE	FACE SIZE	NECK SIZE	TYPE	METAL/RE MODEL	OBD
A	SUPPLY	24x24	9x9	LOUV.	5000-6	YES
B	SUPPLY	24x24	12x12	LOUV.	5000-6	YES
C	SUPPLY	24x24	15x15	LOUV.	5000-6	YES
D	SUPPLY	24x24	18x18	LOUV.	5000-6	YES
* E	SUPPLY	3-3/4" SLOTS	---	LINEAR	6000	NO
F	RETURN	24x24	12x12	PERF.	7650R-6	YES
G	RETURN	24x24	22x22	PERF.	7650R-6	YES
H	EXHAUST	SEE PLANS	SEE PLANS	EX. ALUM.	1H4002R	YES

* PROVIDE END CAPS AND PLENUM BOOTS AS REQUIRED.
 ALL DEVICES SHALL BE FURNISHED WITH AN ENAMEL OFF-WHITE FINISH. ALL DEVICES SHALL HAVE FRAMES FOR PROPER CEILING INSTALLATION.

DUCT HEATERS

SYMBOL	CFM	KW	VOLTAGE	SIZE
DH-1	350	2.5	277V-1Ø	10x8
DH-2	350	2.5	277V-1Ø	10x8
DH-3	160	1.0	277V-1Ø	8x6
DH-4	125	1.0	277V-1Ø	8x6
DH-5	150	1.0	277V-1Ø	8x6

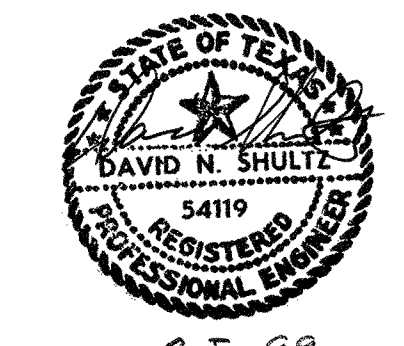
SEE ELECTRONIC DUCT HEATER FOR ADDITIONAL INFORMATION

LEGEND

ITEM	DESCRIPTION
	EXISTING DUCTWORK, DIFFUSER OR EQUIPMENT TO REMAIN. (M-1 & M-2)
	NEW DUCTWORK, DIFFUSER OR EQUIPMENT. (M-1 & M-2)
	POINT OF NEW CONNECTION
	DUCTWORK (SHEET METAL)
	FLEXIBLE DUCT
	THERMOSTAT BY MECHANICAL CONTRACTOR
	SENSOR
	WALL SWITCH



Expiration: 7/31/99
 Affixed: 2/17/99



SCALE: 1/8"=1'-0"