

SCALE 1-0

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PILERS						
TYPE	LOCATION	MIN. P-PILE AREA (SQ. FT.)	P-PILE MEAN AREA (SQ. FT.)	QUANTITY (CU. YD.)	SIZE (IN. X IN.)	REMARKS
PIHAL	PERITHEME	80	91.7	5	24 X 24 X 30	
PFE	II	80	46	.25	(3) 24 X 24 X 2	

STEAM HUMIDIFIERS					
MODEL	SERVICE	GPM	PSIG	WATER TEMP	REMARKS
H-1	ICU AREA	12	50	160	
				42"	

SCALE 1/4" = 1'-0"

## SYMBOLS

- ① ROOM THERMOSTAT  
② FAN SWITCH ON WALL  
③ MANUAL DAMPER  
④ AUTOMATIC DAMPER

NOTE: EXISTING A/C EQUIPMENT & DUCTWORK SERVING REMOVAL AREA TO BE REMOVED. SALVAGE OR DISPOSE PER INSTRUCTIONS BY RESIDENT ENGINEER. CAR-OF- EXIST. ROOF OPENING AS

EXHAUST FANS						
SIMCO	TYPE	CFM	S.F.	DRIVE	MOTOR HP V-2	REMARKS
DEF-1	CEILING EXHAUST FAN	280	1/4	ORGT	FRAC. 110-1	* 15'6" x 18'3/4" GRILLE, 75 THER. RESIST.
DEF-2	"	280	"	"	"	* " " " " " " " "
DEF-3	"	140	"	"	"	* 13'4" x 14'3/4" GRILLE, 105 " " " "
DEF-4	"	180	"	"	"	* IN-LINE " " " " " " " "
DEF-5	"	180	"	"	"	* 13'4" x 14'3/4" GRILLE, " " " " " " " "

\* PROVIDE SOLD STATE SPEED CONTROL SWITCH MOUNTED ON FAN HOUSING.  
 \* PROVIDE RACKY GRILLE AND ROOF CAP.  
 NOTE: DEF-1, 2 TO HAVE INDIVIDUAL WALL SWITCH.  
 INTERLOCK DEF-1 AND DEF-2 TO CLOSE WHEN FAN RUNS.

PROVIDE FACTORY GRILLE AND ROOF CAP.  
NOTE: DEF. 1 & 2 TO HAVE INDIVIDUAL WALL SWITCH  
INTERLOCK RETURN AIR DAMPER TO CLOSE WHEN FAN RUNS.


# EXHAUST FANS

DIFFUSERS AND REGISTERS						
SERIAL	DESCRIPTION	FRAME	STYLE	MATERIAL	FINISH	REMARKS
CO-1	CEILING DIFFUSER	24X24 ALUMINUM RANGE	DOWNER FACE	STEEL	OFF-WHITE	W/OBID
CO-2	"	"	"	"	"	"
CO-3	WALL MOUNTED DIFFUSER	12X12 ALUMINUM RANGE	"	"	"	"
CO-4	"	"	"	"	"	"
CO-5	WALL MOUNTED DIFFUSER	12X12 ALUMINUM RANGE	"	"	"	"
CO-6	"	"	"	"	"	"
CO-7	"	"	"	"	"	"
CO-8	"	"	"	"	"	"

## DIFFUSERS AND RESISTORS

AIR HANDLING UNIT																										
SYMBOL	LOCATION	TYPE	SUPPLY AIR CFM	MIN CFM	FRESH AIR F.T.	ROOM BTU/Hr F.T.	WATER				FV FPM	HEAT AIR		STEAM #/HR	CFM HEATING FPM	REFRIG. AIR		VENT FPM	CONTROL VALVE FPM	REMARKS						
							COOLING COIL	COOLING CFM	HEAT CFM	HEAT W.B.		COOLING W.B.	COOLING CFM			HEAT CFM	HEAT W.B.									
AH-1	PENTHOUSE	MULTI-ZONE BLIND THRU	3800	950	3.8	3'	1610	44	5.0	408-3	DX	3400	500	83	0.75	60	—	131.2	160	2600	1000	50°	100°	150	10 PSI	

# AIR HANDLING UNIT

NO.		DATE		REVISIONS		DESCRIPTION	
SHEET TITLE							
PROJECT NO.		PROJECT TITLE		MECHANICAL PLAN			
DRAWN		CHECKED		ICU REMODEL			
BB		BA		DATE			
				DRAWING NUMBER			
APPROVED: DIVISION CHIEF				57-80 BP			
				1			
				DATE			
				57			
				6			
				PROJECT NUMBER			
				44-80-101			
APPROVED: SERVICE DIRECTOR							