



- GENERAL NOTES**
- 1 ALL WORK TO BE IN STRICT ACCORDANCE WITH THE SUB CONTRACT SPECS
 - 2 ALL RECTANGULAR DUCT SHALL BE 24 GA. GALV. STEEL WITH STANDING "S" LOCK ON 4 FT CENTERS WITH PITTSBURGH LOCK SEAM, INTERNALLY INSULATED WITH 1" ACOUSTICAL LINER AS PER SPEC.
 - 3 20 x 70" DISCHARGE PLENUM SHALL BE 22 GA. GALV. STEEL, INTERNALLY INSULATED AS PER SPEC
 - 4 FC-1, CHILLED WATER FAN COIL UNIT - LIEBERT MODEL UP1900 OR APPROVED EQUAL. UNIT SHALL INCLUDE SELF DIAGNOSING SOLID STATE TEMPERATURE AND HUMIDITY CONTROLS, PRECISION CONTROL READ-OUT, INFRARED HUMIDIFIER WITH SELF CLEANING FLUSH CYCLE, 3-STAGE 15 KW FIN TUBULAR ELECTRIC REHEAT, 4" FILTERS WITH MINIMUM 0.60% EFFICIENCY BASED ON N.B.S. ATMOSPHERIC DUST SPOT TEST METHOD, STAINLESS STEEL CONDENSATE PAN, 3-WAY CHILL WATER FLOW CONTROL VALVE, FIRE STAT LOCKING DISCONNECT, MODE ALERT PANEL AND PAINTED DISCHARGE PANEL. UNIT SHALL OPERATE ON 208V, 3Ø-4Ø HZ POWER SUPPLY FOR ADDITIONAL DATA SEE DATA SHEET DS-CBC 16061-1 UNIT SHALL OPERATE AT 4200 CFM @ 0.5" W.G. STATIC PRESSURE.
 - 5 SE-1, CEILING SUPPLY DIFFUSER SHALL BE ANEMOSTAT EPL-15Q OR APPROVED EQUAL LAY IN PANEL TYPE, SIZE 24" x 24" WITH 15" Ø NECK. SEE DATA SHEET DS-CBC-16061-3
 - 6 L-1, SUPPLY LOUVER SHALL BE 8" V.I. "RUSKIN" ELF-375 OR APPROVED EQUAL, DS-CBC 16061-4
 - 7 ALL DUCTWORK IS TO BE HELD TIGHT AGAINST CONC JOIST AND FLAT ON TOP
 - 8 VE-1, FRESH AIR SUPPLY FAN SHALL BE "GREENHECK" MODEL SQD-7.5E OR APPROVED EQUAL FAN SHALL HAVE CAPACITY OF 193 CFM @ 125" W.G. STATIC PRESSURE, 0.04 BHP, 1/40 HP MOTOR @ 1050 RPM. SEE DATA SHEET DS-CBC-16061-2.
 - 9 SEE SUB CONTRACT SPECS. FOR PIPING SPECIFICATIONS.
 - 10 DISCONNECT EXISTING WALL THERMOSTAT & EXTEND 1/2" O.D. TUBING ABOVE CEILING & ACROSS HALL AS SHOWN.

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MLB 11783 JAH		C.C.F.C.		MLB		MLB		MLB	
BY DATE SECT		REV DESCRIPTION		BY CHK RED SECT DEPT DATE		PE RED DATE UGND DATE		DOE DATE QE DATE	
AS BUILT		REVISION OR ISSUE PURPOSE		REVISION OR ISSUE APPROVALS		SQUAD CHECK		DRAWING APPROVALS	
8		7		6		5		4	
3		2		1					

TOLERANCES UNLESS OTHERWISE SPECIFIED	DESIGN	2-53
FRACTIONS XX DECIMALS ±	DRW M.L. BOREN	1-83
ANGLES WRENCH SHARP EDGES MAX FINISH	CHK J.D. ELLIOTT	2-83
	SECT J.P. WILSON	3/15/83
	DEPT & PLANT	
	UNION CARBIDE CORPORATION • NUCLEAR DIVISION	
	OPERATED BY THE DEPARTMENT OF ENERGY U.S. GOVERNMENT CONTRACT NO. 14-00000-83R	
	REQUESTER A.130/LAN/D	2/1/83
	FIRE / SECURITY J.W.	2/1/83
	SAFETY M.W.	2/8/83
	IND HYGIENE G. GILL	2/1/83
	DOE	

SCALE	1" = 1'-0"
ID	16061 MEE 16061 A
PLANT	C-100 COMPUTER RM A/C
BLDG	3 PAV
FL	1ST
SHT	1
OF	1
CLASS	U
REV	0