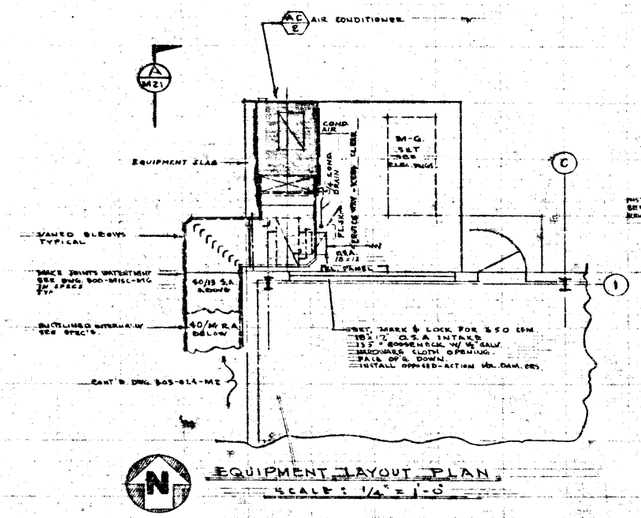
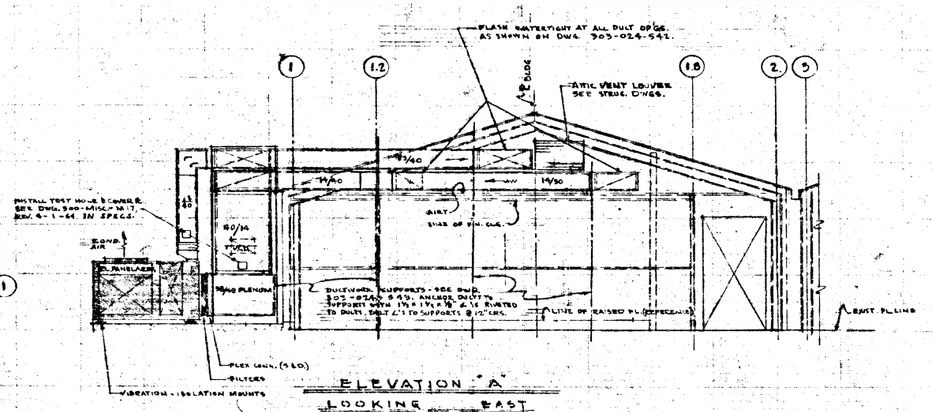


EQUIPMENT LAYOUT PLAN

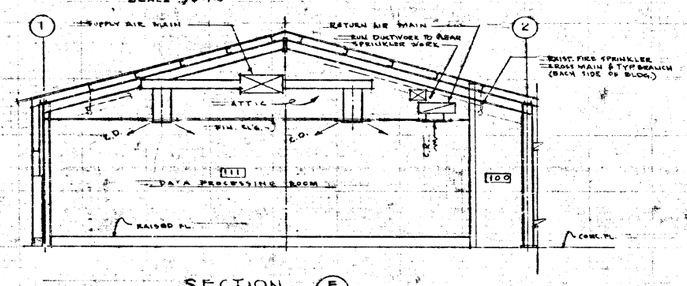
SCALE: 1/4" = 1'-0"



ELEVATION "A"

LOOKING EAST

SCALE ½"-1'-0"



SECTION F

SCALE: 1/4" = 1'-0"

EQUIPMENT SCHEDULE

MARK	EVAPORATOR SECTION — FREON 22 — SUPPLY AIR FAN							FILTERS		COOLING COIL							CONDENSING SECTION — FREON 22 — HERMETIC COMPRESSOR						COIL	FAN					HEATING AIR		ELECTRICAL		REMARKS
				MOTOR						ENTER. AIR		LEAVING AIR		FACE AREA & VEL.	TOTAL LOAD, BTH.		COND. AIR TEMP. °F	COND. TEMP. °F	SUC. TEMP. °F	TOTAL CAP. @ BTH.	MOTOR		FACE AREA SQ. FT.	NO. ROWS DEEP	AIR			MOTOR	TEMPERATURE		LOAD, BTH.	KW.	CURRENT	
	CFM	EXTER. S.P. in W.G.	DISCH.	H.P. (AMPS)	R.P.M.	CURRENT	FRAME	NO.	SIZE	D.B.	W.B.	D.B.	W.B.								H.P. (AMPS)	CURRENT			C.F.M.	F.P.M.	EXT. S.P. in W.C.	H.P. (AMPS)	CURRENT	ENTER. D.B.	LEAV. D.B.				
AC-2	8070	.65	VERTICAL UP BLAST	1½ (2.3)	3500	440V 3ϕ 60~		2	16"x20"x2 2 20"x20"x2	80.	64.5	55.	53.	9.5 450.	89,500	106,400	105 DB 95 WB	115.	45	108,400	2 HP (11.9)	440V 3ϕ 60~	11.9	5	8800	740.	.10	2 @ 1 (2@1.7)	240V. 3ϕ 60~	75.	85.	93,300		NONE	FOR DATA PROC. RM. #111 ONLY. BIDIRECTIONAL COPPER & STEEL AIR TEMP. HEAT PUMP. TOTAL PULL LOAD AMPS 20.7 AT 440V.

@ HEATING COMPRESSOR HEAD OF COMPRESSION - CHART LOAD TO MEET TOTAL REQUIREMENTS.
ϕ # SEE SPECIFICATIONS FOR MOISTURE REMOVAL AND AIR TEMP. REQUIREMENT.

REDUCED DRAWING

DISTRIBUTION CLEARANCE 1000-0

PENR 70226 TWR # 53039

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SANTA SUSANA FACILITY — BLDG. D24
LOW BAY MODIF'S.
AIR COND. EQUIPM'T. LAYOUT & DETAILS

DRAWN	DEATER	DWG. SIZE D	303-024-M21
CHECKED			
ENGINEER	R.E. CONTROL NO. 217	SCALE	
APPROVED		SHEET NO.	OF

FORM 1000-0-2 REV 10-65

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

NOTES:

1. FOR LEGEND, SYMBOLS & SCHEDULES, SEE DWG. 303-024-M4.