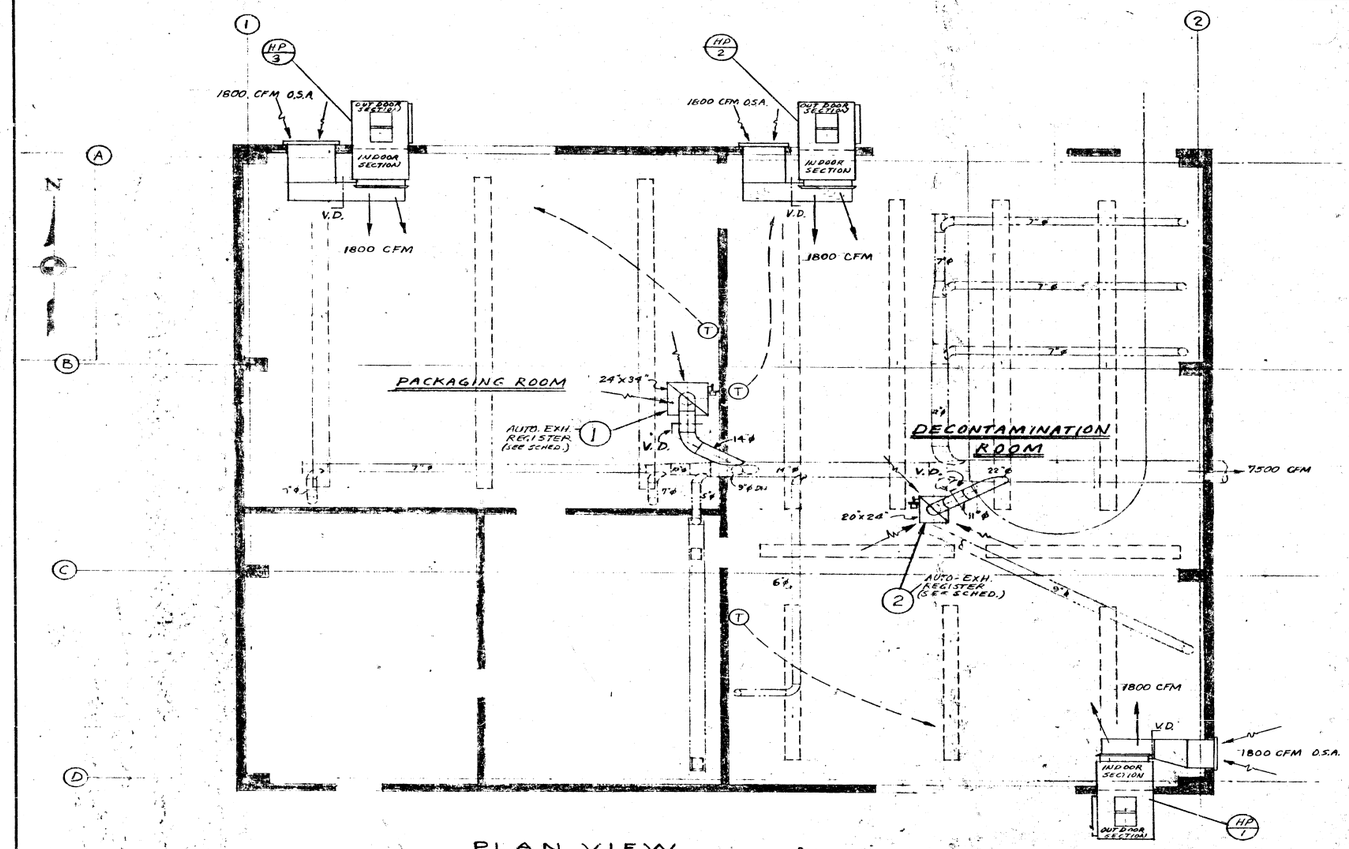

PLAN VIEW

REVISIONS			
SYM	DESCRIPTION	DATE	SIGNATURE

NOTES:

1. NEW AUTOMATIC EXHAUST REGISTERS SHALL BE TIED INTO THE EXISTING EXHAUST SYSTEM DUCTWORK ABOVE THE CEILING
2. AIR CONDITIONING AND HEATING UNITS (HEAT PUMPS) SHALL BE SUPPORTED JUST UNDER CEILING, FROM MAIN BUILDING TRUSSES.
3. EXISTING OUTSIDE AIR REPLACEMENT LOUVERS SHALL BE BLANKED OFF (TOTAL OF 5)
4. PROVIDE SAIL SWITCH IN EXISTING 22" ø EXH. DUCT-TO SHUT OFF ALL THREE HEAT PUMP UNITS ON FAILURE OF AIR FLOW.
5. MAKE NECESSARY ADJUSTMENTS IN VAULT DAMPERS AND DECON. & PACKAGING BLDG EXH DAMPER TO PROVIDE AN INCREASE TO A TOTAL OF 7500 CFM FROM D.& P. BLDG. ADJUST NEW AUTOMATIC DAMPERS TO PROVIDE CFM RANGE INDICATED ON SCHEDULE.
6. OUTSIDE AIR INTAKE DUCTS SHALL BE INSULATED.

LEGEND

- EXISTING DUCTWORK
- EXISTING BUILDING WALLS
- (T) — THERMOSTAT
- V.D. — VOLUME DAMPER

THIS WORK WAS NOT CONSTRUCTED.

CONCEPTUAL PLAN ONLY

JIR 793-26934 TWR 2643

HEAT PUMPS

	INDOOR UNIT													OUTDOOR UNIT							
HP	TOTAL CFM	RECIRC. CFM	O.S.A. CFM	EXTERNAL S.P.	FAN MOTOR HP	ELECT. CHAR.	OUTSIDE DB	OUTSIDE WB	LEAVING DB	LEAVING WB	MAX. COIL FACE VEL.	REFR.	TYPE COIL	NET COOL. CAPACITY	NET HEATING CAPACITY (35°F)	TYPE	COMPR. MOTOR HP	COMPR. MOTOR ELECT. CHAR.	FAN MOTOR HP	FAN MOTOR ELECT. CHAR.
1,2 & 3	1830	—	1800	.10	3/4 HP	440 V. 3 ø. 60 ~ OPEN	100°F	72	60.3		500 FPM	F22	DX	88,000 BTU/H	83,000 BTU/H	AIR TO AIR	7 1/2	440 V 3 ø 60 ~	1	440 V. 3 ø, 60 ~

DESIGN CONDI - INDOOR
SUMMER - 82°F (DB), WINTER - 65°F (DB)

AUTO. EXH. REGISTERS

SYM.	DAMPER TYPE	MIN. CFM	MAX. CFM	CONTROL SEQUENCE	INSTALLATION
1	OPP. BLADE	850	2500	DAMPER IS POSITIONED TO MAINTAIN CONSTANT PRESSURE DIFFERENTIAL OF -.10" IN PACKAGING ROOM WITH RESPECT TO ATMOSPHERE. A RISE IN ROOM PRESSURE DRIVES DAMPER TO WIDE OPEN POSITION	MOUNT - FLUSH TO CLG
2	OPP. BLADE	0	1500	SAME AS 1 EXCEPT TO MAINTAIN NEGATIVE PRESSURE DIFFERENTIAL IN DECONTAMINATION ROOM WITH RESPECT TO PACKAGING ROOM	do do

NOTICE

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8433 VANOWEN STREET, CANOGA PARK, CALIF.

R/A WASTE FACILITY - BLDG 021
PACKAGING & DECONTAMINATION ROOMS
AIR CONDITIONING & VENTILATION MODIFICATION

DRAWN		U.N./Co.	DWG.	D 303-021-XM1
CHECKED			SIZE	
SUPERVISOR			SCALE 1/4"=1'-0"	
APPROVED			SHEET NO. ___ OF ___	

REDUCED DRAWING