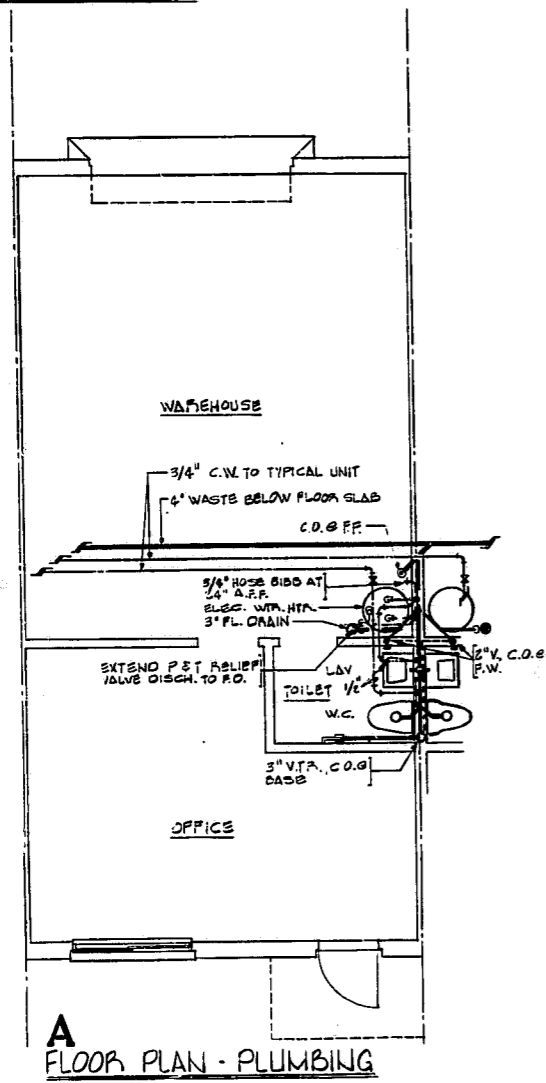


D
WASTE & VENT RISER
N.T.S.



A
FLOOR PLAN - PLUMBING

HEAT PUMP UNITS (SPLIT AIR-TO-AIR, 95 Feb/67 Pub. 889.)

NAME	TOTAL AIR COOLING	TOTAL AIR HEATING	CFM	S.P. IN. WC	POWER	MANUFACTURER & CATALOG NO.	ACCESSORIES
Indoor Heat Pump	22,488 BTUH	24,488 BTUH	538	8.48"	230/1/Ø	Carrier 48A824	Filter & rack, metal drain pan
Electric Heater	-	5.8 KW	-	-	230/1/Ø	Carrier 48A824-13	-
Outdoor Heat Pump	22,488 BTUH	24,488 BTUH	-	-	230/1/Ø	Carrier 48A824	Filter and Sub-base, Filter-washer, time guard circuit

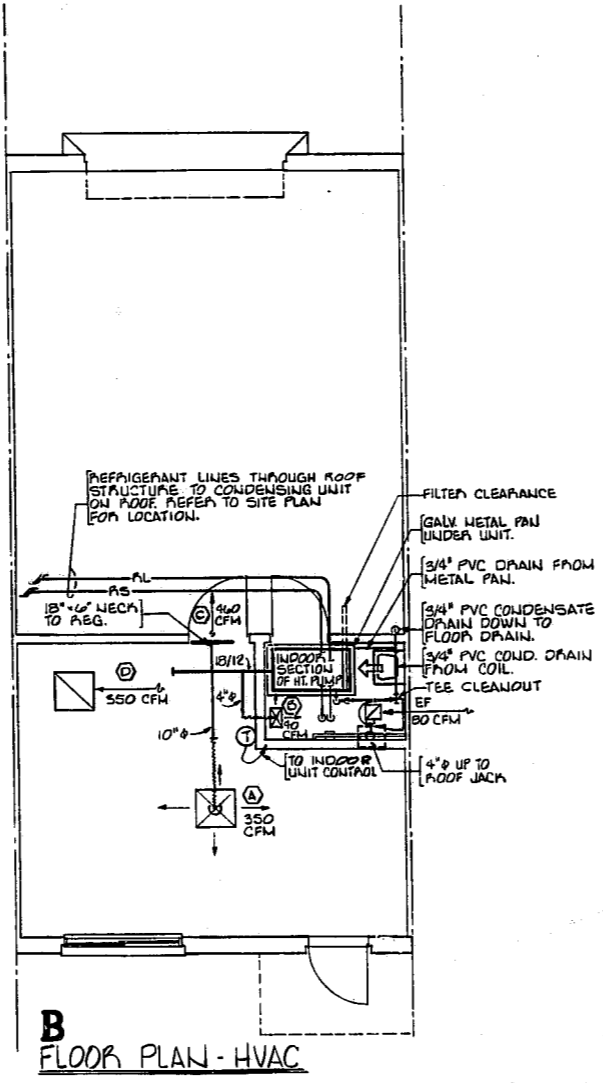
EXHAUST FAN

NAME	DESCRIPTION	CFM	S.P. IN. WC	POWER	MANUFACTURER & CAT. NO.	ACCESSORIES
EF	Ceiling mounted exhaust fan	98	9.125"	120/1/Ø	Hulome CT-ØØ	Ø41-AL Roof Jack

DIFFUSERS & REGISTERS

NAME	DESCRIPTION	SIZE	MANUFACTURER & CAT. NO.
A	Perforated supply, lay-in	18"x18"	Carson 42Ø7-4-X-18x18
B	Double deflection supply	Ø"xØ"	288H
C	DO	18"xØ"	288H
D	Perforated return, lay-in	24"x24"	425ØA

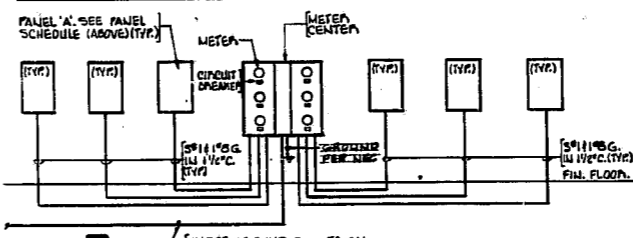
- NOTES - HVAC
- Heat pump outdoor section condensing coils shall be installed on roof as indicated. The roof curb support shall be constructed using a 2x8 wood frame with horizontal members at 18" on center, a 3/4" plywood cover, and 1Ø gauge galvanized steel flashing cap over the plywood/2x8 frame curb. The curb shall be installed directly onto the roof structure. The general contractor will install cast strip, roof membrane, and finish roofing. Roof curb dimensions shall be as follows:
2 units: 3'-Ø" wide x Ø'-Ø" long.
3 units: 4'-Ø" wide x Ø'-Ø" long.
4 units: Ø'-Ø" wide x Ø'-Ø" long.
5 units: 4'-Ø" wide x Ø'-Ø" long.
 - Refrigerant piping shall be run through roof structure inside the buildings and penetrate the roof adjacent to roof curb (minimum 12" inches from curb). Provide pitch pockets for refrigerant piping.
 - Provide insulation for refrigerant suction lines.



B
FLOOR PLAN - HVAC

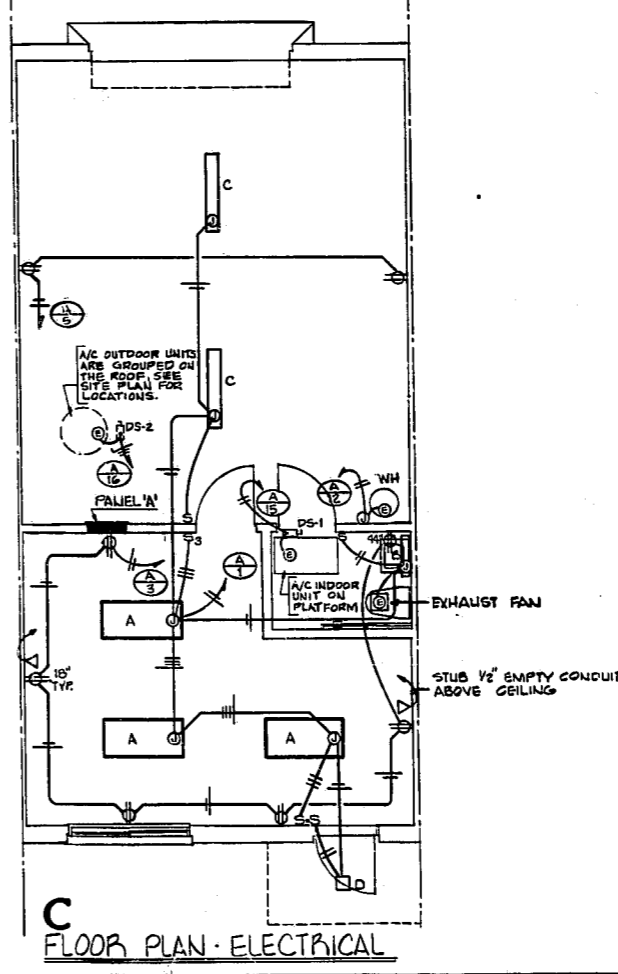
PANEL 'A'

LOAD SERVED	WIRE C.	WIRE S.	WIRE E.	LOAD SERVED
LIGHTS	1	2	3	SPACE
RECEPTACLES	4	5	6	SPACE
SPACE	7	8	9	SPACE
SPACE	10	11	12	WATER HEATER
A/C	13	14	15	A/C
INDOOR UNIT	16	17	18	OUTDOOR UNIT



E
TYPICAL ELECTRICAL RISER
N.T.S.

- DISCONNECT SCHEDULE
- DS-1 6Ø amp, 24ØV., 1 Phase, 2-Pole
Nema-1 Square D # Ø222H
- DS-2 6Ø amp, 24ØV., 1 Phase, 2-Pole
Nema-3R Square D # Ø222HRB
- Note: Disconnect switches to be provided with fusible dual element fuses sized per equipment nameplate data. Provide kindorf channel frames mounted to roof curb for supporting disconnects for Outdoor Heat Pump Units.



C
FLOOR PLAN - ELECTRICAL

KEYNOTED INFORMATION

LIGHT FIXTURE SCHEDULE

NAME	DESCRIPTION	LAMPS	HP. & CAT. NO.
A	Fluorescent, 2x4 4 tube recessed	F48LØ/ØS/ØH1	Day-Write C224CØ2Ø 12ØØ.
B	Fluorescent 2' 2 tube wall mounted	F2ØT12CU	Day-Write 222Ø 12ØØ.
C	Fluorescent 4' 2 tube strip	F48LØ/ØS/ØH1	Day-Write C2Ø 12ØØ.
D	Fluorescent, 1 tube square clear prismatic	FCØTØ/ØU	Markalona FL1ØØ7 12ØØ.

SHELTON Y. ADCOCK
CONSULTING ENGINEER

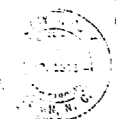
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