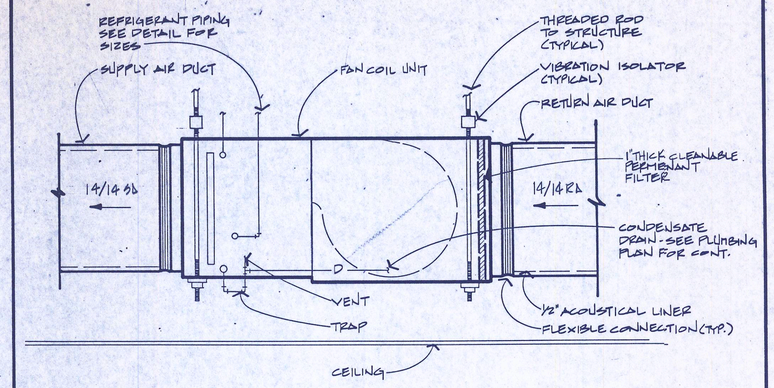
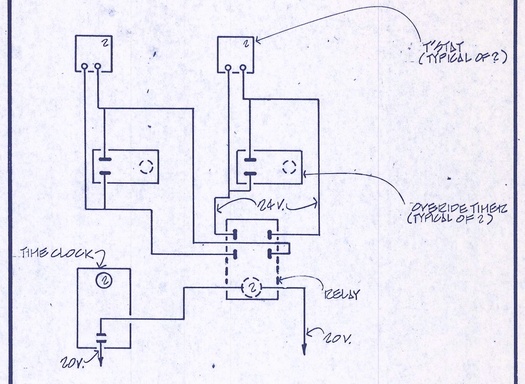


FAN COIL UNIT MTG. DETAIL

NTS



A/C UNIT TIMECLOCK OVERIDE CONTROL DIAGRAM

NTS

GRILLE, REGISTER & DIFFUSER SCHEDULE

MARK	DESCRIPTION	MFR.	MODEL #	FRAME STYLE	MATERIAL	DAMPER	FINISH	MAX. NC	REMARKS
CD-1	CEILING DIFFUSER	KRUEGER	SH	LAY-IN	STEEL	NO	*	30	SQUARE TO ROUND TRANSITION
CD-2	CEILING DIFFUSER	KRUEGER	SH	LAY-IN	STEEL	NO	*	30	SQUARE TO ROUND TRANSITION
FG-1	RETURN GRILLE	KRUEGER	580-H	LAY-IN	STEEL	NO	*	30	

*COLOR AND FINISH SELECTED BY ARCHITECT.

A/C UNIT SCHEDULE

MARK	MFR.	MODEL #	S.P.	TYPE	CFM	CAP AT 95°/80°/67° TOTAL	CAP AT 95°/80°/67° SENS.	VOLT-Φ	HEATING	FLA	OPER. WT.	REMARKS
A/C-1	ARCOAIRE	R-100	.5"	GAS ELEC.	4000	136.0	99.2	208.3Φ	150,000 BTUH	62.2	1700 LBS	**
A/C-2	ARCOAIRE	R-100	.5"	GAS ELEC.	4000	136.0	99.2	208.3Φ	150,000 BTUH	62.2	1700 LBS	**

** = PROVIDE MIN. 10% OSA MANUALLY SET FOR 400 CFM. SEE SECTION 16. COMPLETE WITH FACTORY SUPPLIED FILTERS

EXHAUST FAN SCHEDULE

MARK	MFR.	MODEL #	TYPE	CFM	S.P.	HP	VOLT-Φ	B.D.D.	DRIVE	OPER. WT.	REMARKS
EF-1	GREEN HECK	SP-17	CEILING MOUNTED	150	.125"	1/60	120-1Φ	YES	DIRECT	15 LB	***
EF-2	GREEN HECK	SP-17	CEILING MOUNTED	150	.125"	1/60	120-1Φ	YES	DIRECT	15 LB	***
EF-3	GREEN HECK	SP-8	CEILING MOUNTED	50	.125"	1/25	120-1Φ	YES	DIRECT	15 LB	***
EF-4	GREEN HECK	SP-05	CEILING MOUNTED	200	.125"	1/40	120-1Φ	YES	DIRECT	15 LB	***

*** = PROVIDE 10X4 DISCH. THRU ROOF TO CEILING

FANCOIL UNIT SCHEDULE

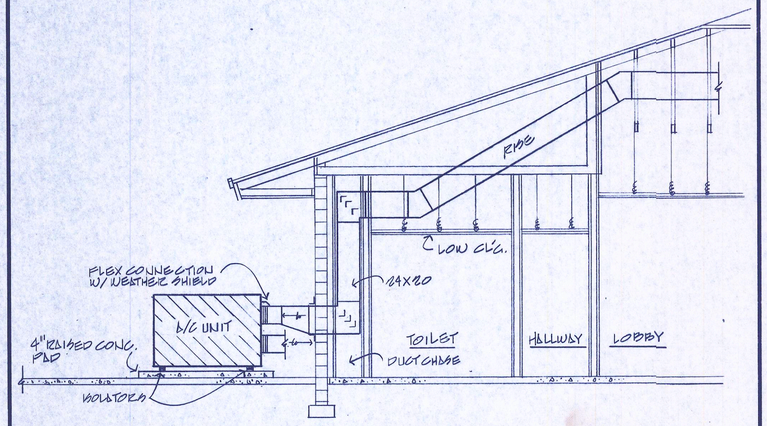
MARK	MFR.	MODEL #	CFM	S.P.	CAP AT 95°/80°/67° TOTAL	CAP AT 95°/80°/67° SENS.	HP	VOLT-Φ	FILTER *	OPER. WT.	HTR.	REMARKS
FC-1	ARCOAIRE	EYHC018	600	.3"	———	———	1/3	208-1Φ	16"X20" X 1½"	80 LBS	NONE	

*= FACTORY SUPPLIED PERMANENT (REMOVABLE AND CLEANABLE) FILTER

CONDENSING UNIT SCHEDULE

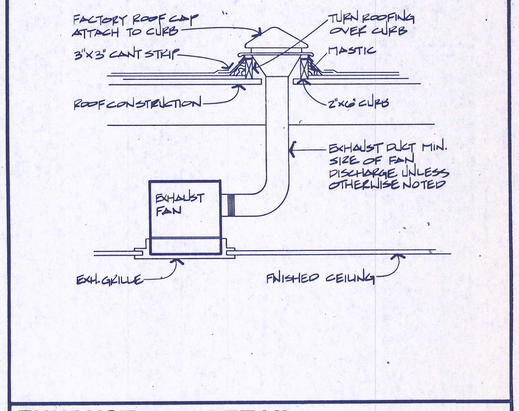
MARK	MFR.	MODEL #	TYPE	COOLING CAPACITY TOTAL	COOLING CAPACITY SENS.	AMBIENT TEMP.	FLA	VOLT-Φ	OPER. WT.	REMARKS
CU-1	ARCOAIRE	AA2018A	OUTDOOR DX	22.6	13.3	95°	*	208-1Φ	140 LBS	

* = 1.1 FLA FAN, 1/10 HP 11.7 MCA



SECTION 'A'

NTS



EXHAUST FAN DETAIL

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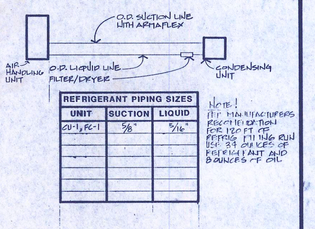

REFRIGERANT PIPING SIZES		
UNIT	SUCTION	LIQUID
CU-1, FC-1	⅞"	⅝"

NOTE! IT IS MANUFACTURERS RECOMMENDATION FOR 120 FT. OF PIPING (TOTAL RUN) USE 24 OUNCES OF REFRIGERANT AND 8 OUNCES PER FT. OIL.

REFRIGERANT PIPING DETAIL

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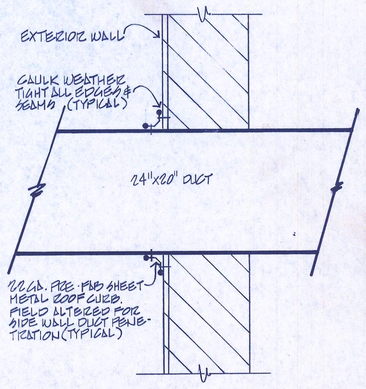

WALL PENETRATION DETAIL

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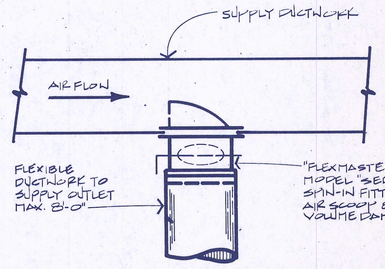

BRANCH DUCT TAKE-OFF

NTS

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