

**NOTES:**

- 1) Rectangular ductwork to be UL-181, Class I, fiberglass ductboard. To be installed per SMACNA & ASHRAE standards.
- 2) Round flexible duct to be UL-181, Class I, air duct material.
- 3) Duct sizes shown are clear inside dimensions.
- 4) Provide UL listed fire dampers as shown on drawings.
- 5) Condensate drains to be 1/2" schedule 40 PVC pipe.
- 6) In all systems of over 2,000 CFM & less than 15,000 CFM, smoke detectors shall be installed in accordance with NFPA 72E in the supply duct on the downstream side of all filters to automatically stop the fan.
- 7) Grills & registers to be in sizes and types shown as mfg. by Air Products International or Metal Aire.  
A) Ceiling supply (Model APD-360)  
B) Return (Series RHF-TB)
- 8) All equipment installed in thinner room shall meet Class I, Div. 2, Group D as specified in NFPA-70.
- 9) Provide EF-5 & EF-6 with explosion proof flow sensor connected to audible alarm to warn of exhaust failure.

**SPLIT A/C SYSTEM (CARRIER)**

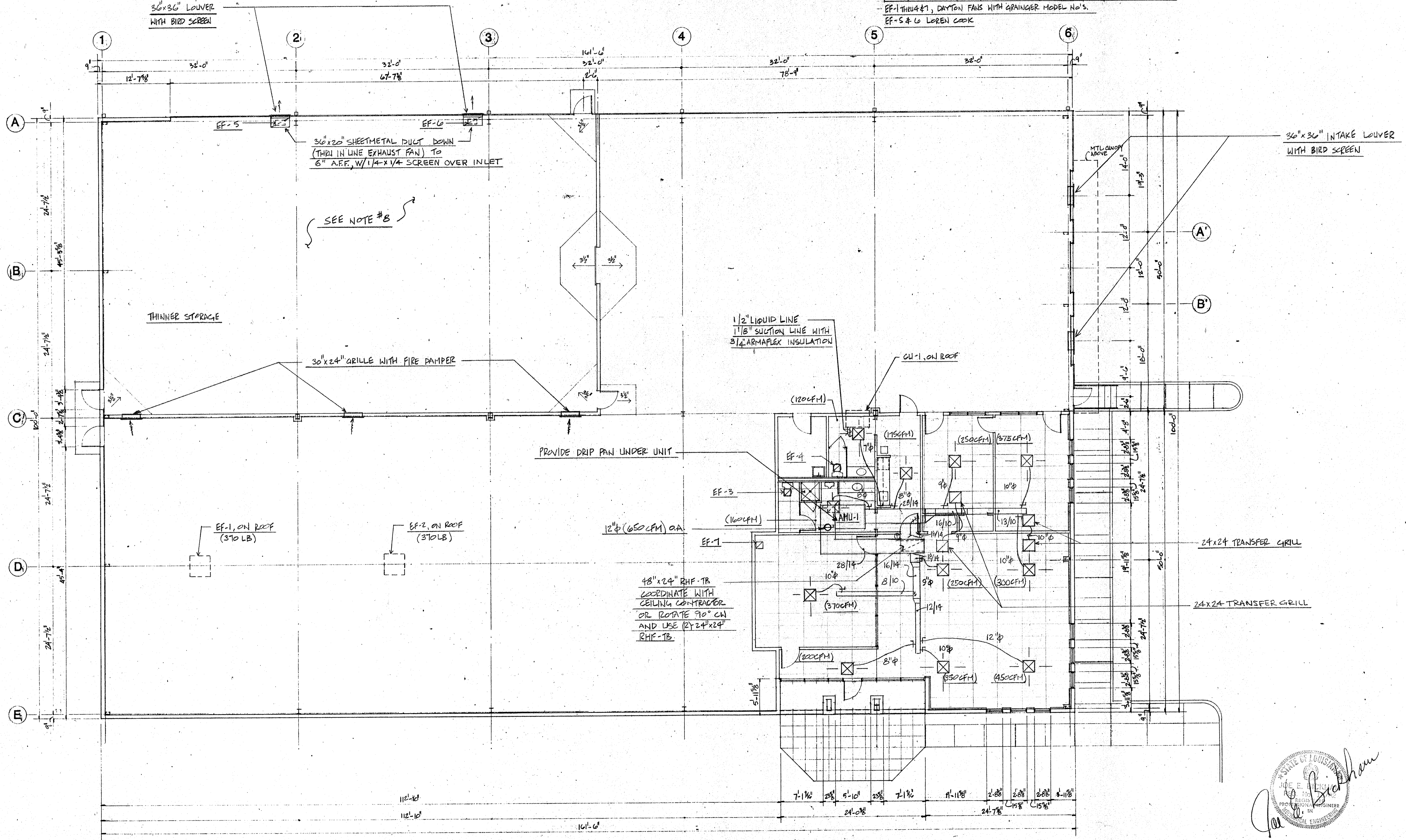
CONDENSING UNIT				FAN COIL UNIT				COOLING CAP. *					
UNIT	MODEL	MCA	ELECTRICAL	WEIGHT	UNIT	MODEL	CFM	HP	KW	ELECTRICAL	WEIGHT	SENS.	TOTAL
CU-1	38BA009	44.4	230V/3P/60HZ	895 LB	AHU-1	40RE008	3,000	1.5	28	230V/3P/60HZ	340 LB	69,292	94,960

\* - CAPACITY RATED AT 65.1 EWB / 78.1 EDB

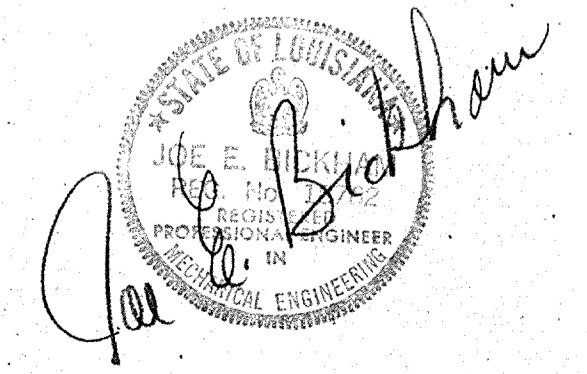
**EXHAUST FANS**

UNIT	MODEL	CFM	ELECTRICAL	AMPS	E.S.P.	HP	REMARKS
EF-1	7F279	13,000	230V/3P/60HZ	-	0.125"	1.0	W/BDD
EF-2	7F279	13,000	"	"	0.125"	1.0	W/BDD
EF-3	4C736	190	115V/1P/60HZ	1.5	0.125"	-	
EF-4	4C114	157	"	1.41	0.125"	-	
EF-5 & 6	225501R	4,500	230V/3P/60HZ	-	0.25"	1.5	
EF-7	4C531	410	115V/1P/60HZ	2.9	0.125"	-	

EF-1 THRU 4 & 7, DAYTON FANS WITH GRANGER MODEL NO.'S.  
EF-5 & 6 LORENZ COOK



hvac plan scale: 1/8"=1'-0"



These plans and specifications were prepared by me or under my direct supervision and to the best of my knowledge meet all state and local requirements. Furthermore, I AM supervising the work.

**CASERTA / CARROLL ARCHITECTS** A Professional Corporation  
 110 James Drive West / Suite 200 / St. Rose, LA 70087 / 504-466-0988

**PPG INDUSTRIES • TRAINING & DISTRIBUTION CENTER**  
 James Business Park • St. Rose, Louisiana  
**BRACKLEY & VOELKEL • GENERAL CONTRACTORS**

project no.	87094
date	10 Dec. 87
scale	NOTED
drawn by	JEB
checked by	JEB
date	