


















THE PLANS AND SPECIFICATIONS COMPLY WITH THE LATEST EDITION OF APPLICABLE MECHANICAL CODES; OBTAIN ALL THE PERMITS AND PAY ALL FEES. MATERIALS SHALL BE NEW AND UNWORN. EQUIPMENT SHALL BE U. LISTED AND WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. COMPRESSORS IN AIR CONDITIONING EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF FIVE YEARS FROM THE DATE OF FINAL ACCEPTANCE.

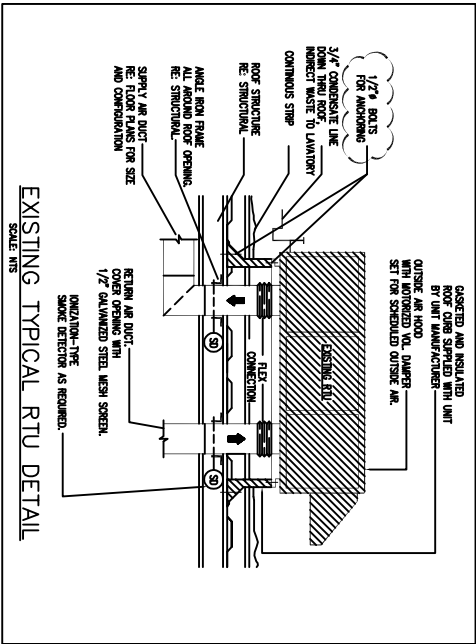
- MUST HAVE DATA NOT OPERATING.**

SIDEVALL AIR DIFFUSER	CEILING SUPPLY AIR DIFFUSER	CEILING RETURN AIR DIFFUSER

	RECTANGULAR DUCTS (SEE GENERAL MECHANICAL NOTE #10 & #11)
	RECTANGULAR DUCT TRANSITIONS
	ROUND DUCTS (SEE GENERAL MECHANICAL NOTE #10 & #11)
	FLEXIBLE DUCTS (SEE GENERAL MECHANICAL NOTE #13)
	MECHANICAL EQUIPMENT (SEE GENERAL MECHANICAL NOTE #4)
	WALL MOUNTED THERMOSTAT (SEE MECH CONTROL NOTE #1)
	SMOKE DETECTOR (SEE GENERAL MECHANICAL NOTE #8)
	VOLUME DAMPER (MANUAL)
	CONDENSATE DRAIN LINE (SEE GENERAL MECHANICAL NOTE #14)
	AUXILIARY DRAIN LINE (SEE GENERAL MECHANICAL NOTE #14)
	AIR HANDLING UNIT
	AIR CONDENSING UNIT
	EXHAUST FAN
	RETURN AIR
	OUTSIDE AIR
	RETURN AIR FILTER GRILL
	PAFG

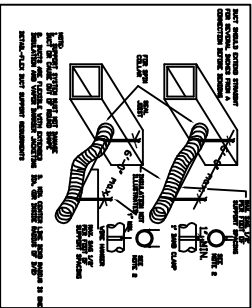
## AS PER 2000 UMC C.D.H. AMENDMENTS TABLE 4-1

D/A REQUIRED = 617 CFM  
D/A PROVIDED = 750 CFM



EQUIPMENT SCHEDULE						
MODEL	COOL (BTU)	HEAT (KW)	TON	ELECTRICAL	CFM	OUTSIDE AIR PROVIDED
RTU-1	THANE	90,000	10	230V/3/60	3,000	750 CFM OUTSIDE AIR
E.F.	EXHAUST BATH FAN	N/A	N/A	120V/1/60	50	N/A

**TOTAL = 750 CFM OUTSIDE AIR PROVIDED**

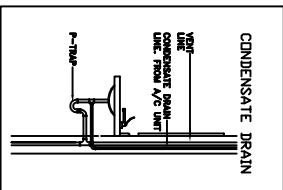
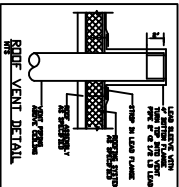


**NOTE: CONTRACTOR TO DETERMINE EXACT PLACEMENT OF RETURN AIR.**

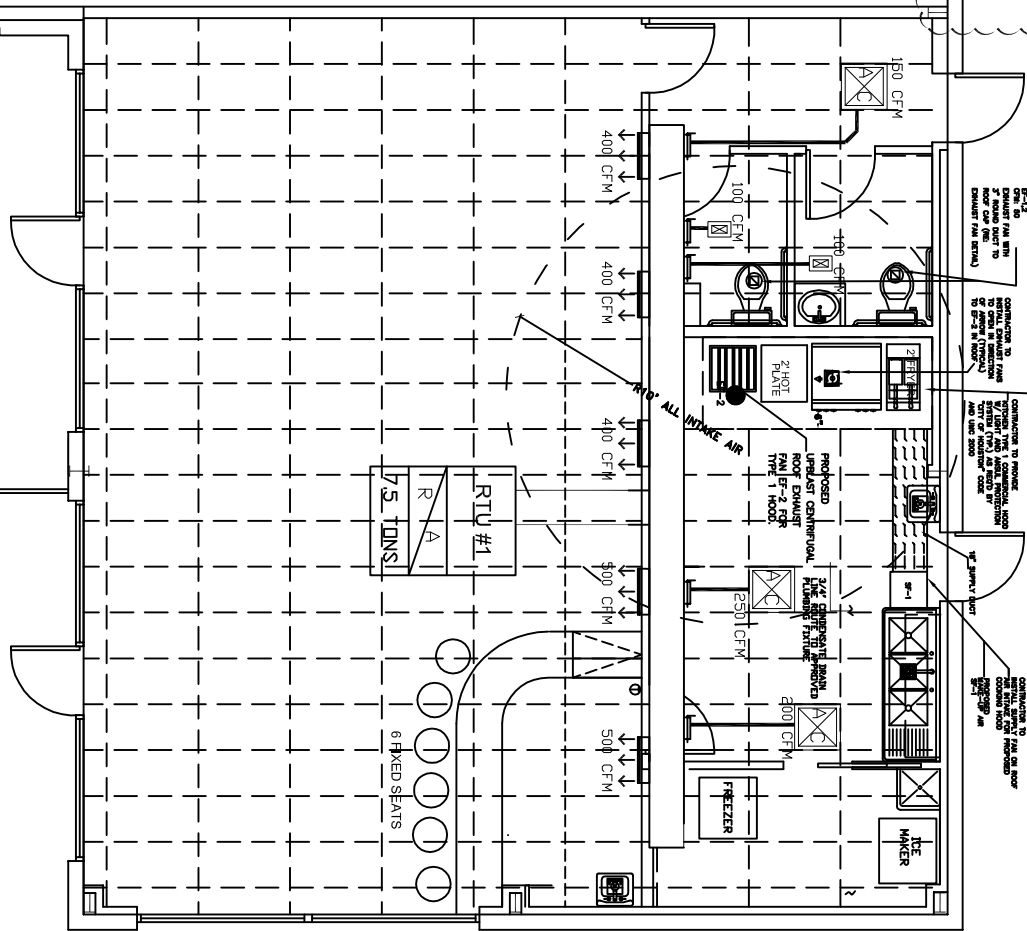
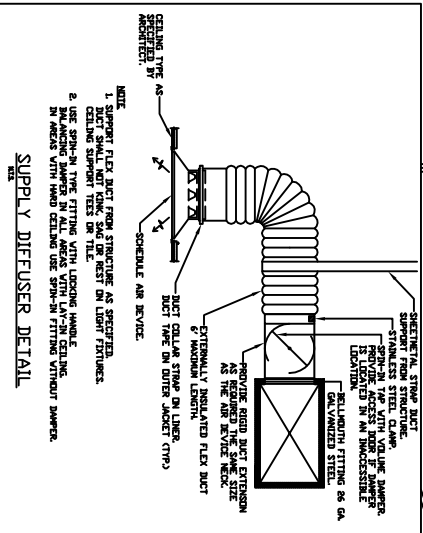
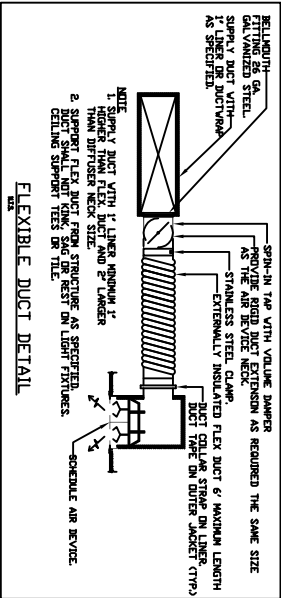
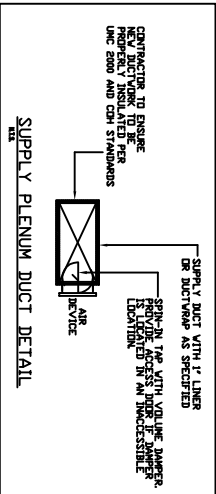
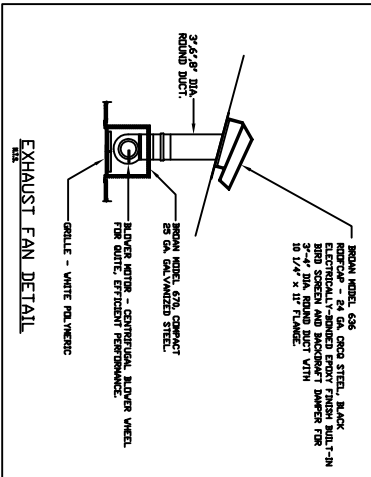
DIFFUSER AND REGISTER SCHEDULE*		
CALLOUT	FACE SIZE (IN)	MODEL
A	24x24	TITUS
B	24x8	TITUS

■ REFER TO DIFFUSER MANUFACTURER SPECS FOR PROPER INSTALLATION

MINIMAL FLEXIBLE /SHEETMETAL ROUND DUCT SIZES	
SIZE	CFM RANGE
6" Ø	0-120
8" Ø	121-220
10" Ø	221-350
12" Ø	351-500
14" Ø	501-800



NOTE:  
REFER TO M-2 FOR  
FAN SCHEDULE



INSTALLLED BY MECH. CONTRACTOR  
(TYPICAL THRU SYSTEM)  
(NEUTRY WITH OTHERS)

CONTINUATION TO  
INSTALL SUPPLY FAN ON ROOF  
AIR INTAKE FOR PROPOSED  
COOKING HOOD

 eclipse  
DESIGN AND CONSTRUCTION  
PH# 823-466-3126 FAX# 281-631-9359



MECHANICAL PLAN FOR A PROPOSED  
BUILD-OUT "LA BOTANA REGIA"  
LOCATED AT  
7610 KEMPWOOD, STE A  
HOUSTON TX 77055

03/02/19	DATE
M.A.	
CHECK BY	
M.A.	
DRAWN BY	
SCALE	
PRO. NO.	

$$1/4'' = 1' - 0''$$

**SHEET:**

**M-1**