


0-90 CFM	600 FPM	.08 LOSS PER 100FT	6" DIAMETER
90-200 CFM	600 FPM	.08 LOSS PER 100FT	8" DIAMETER
200-375 CFM	700 FPM	.08 LOSS PER 100FT	10" DIAMETER
375-600 CFM	800 FPM	.08 LOSS PER 100FT	12" DIAMETER
600-900 CFM	875 FPM	.08 LOSS PER 100FT	14" DIAMETER
900-1200 CFM	900 FPM	.08 LOSS PER 100FT	16" DIAMETER
1200-1600 CFM	900 FPM	.08 LOSS PER 100FT	18" DIAMETER
1600-2000 CFM	900 FPM	.08 LOSS PER 100FT	20" DIAMETER
2000-2400 CFM	900 FPM	.08 LOSS PER 100FT	22" DIAMETER

NOTES:  
 1. ALL ELBOWS TO BE SMOOTH RADIIUS  
 2. ALL FITTINGS TO BE OF INDUSTRY STANDARD TYPE WITH COEFFICIENTS PUBLISHED IN MANUAL Q


REGISTERS TO BE ANEMOSTAT OR EQUAL SUPPLY T'BAR CEILING-#RMD-FP  
 SUPPLY HARD SURFACE-#RMD-S  
 SUPPLY SIDE WALL-#S2HO  
 RETURN/EXHAUST T'BAR CEILING-#GC50L  
 RETURN/EXHAUST HARD SURFACE-#GC50L  
 RETURN/EXHAUST SIDE WALL-#S3H0D  
 LINEAR DIFFUSER #ALD-4

- SEE PLAN FOR THROW AND SIZES.
- COORDINATE REGISTER LOCATIONS w/LIGHTING AND ALL OTHER TRADES.
- ALL REGISTERS TO HAVE OBD's.

### REGISTER LEGEND

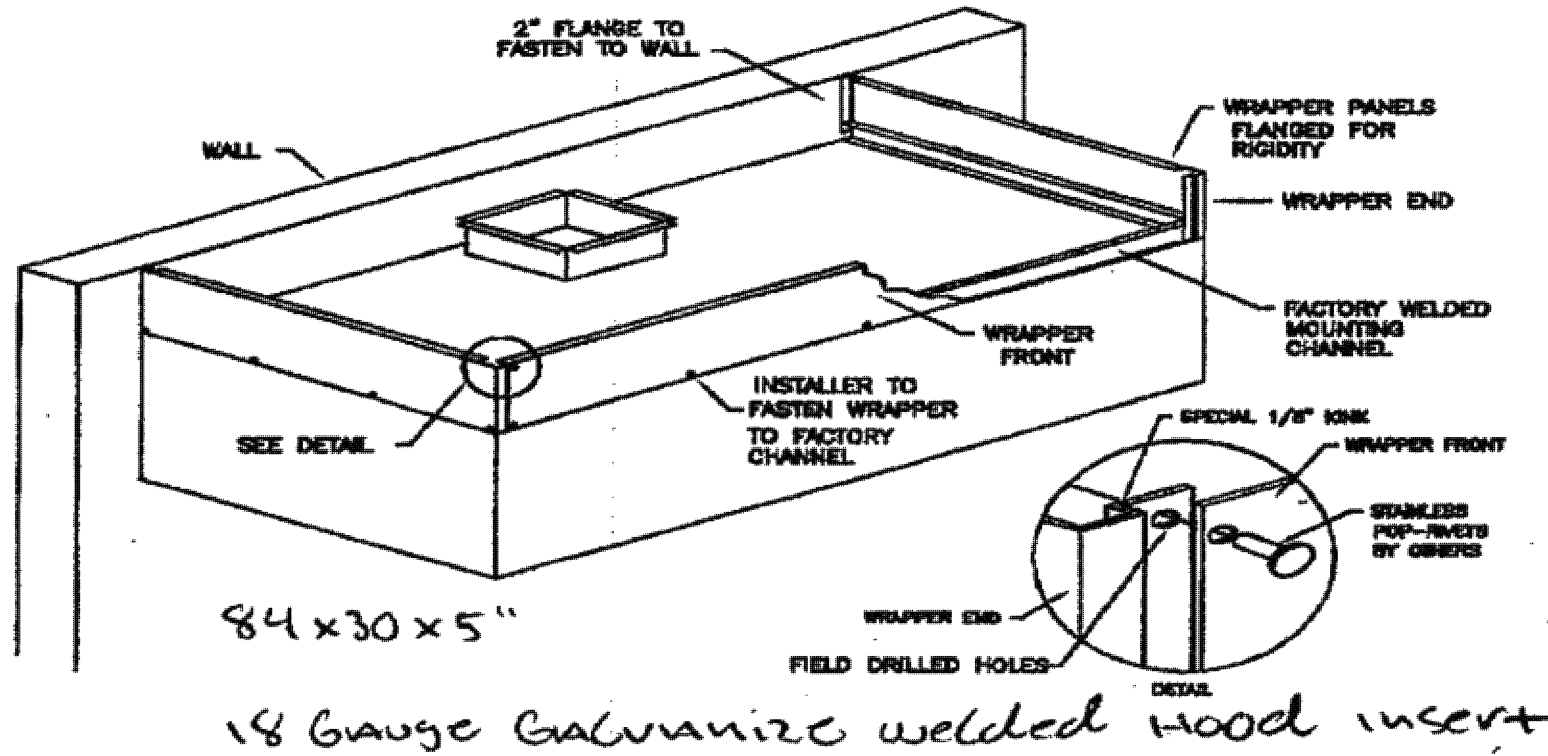
SIZE CFM  SAD - SUPPLY AIR DIFFUSER

SIZE CFM  RAG - RETURN AIR REGISTER

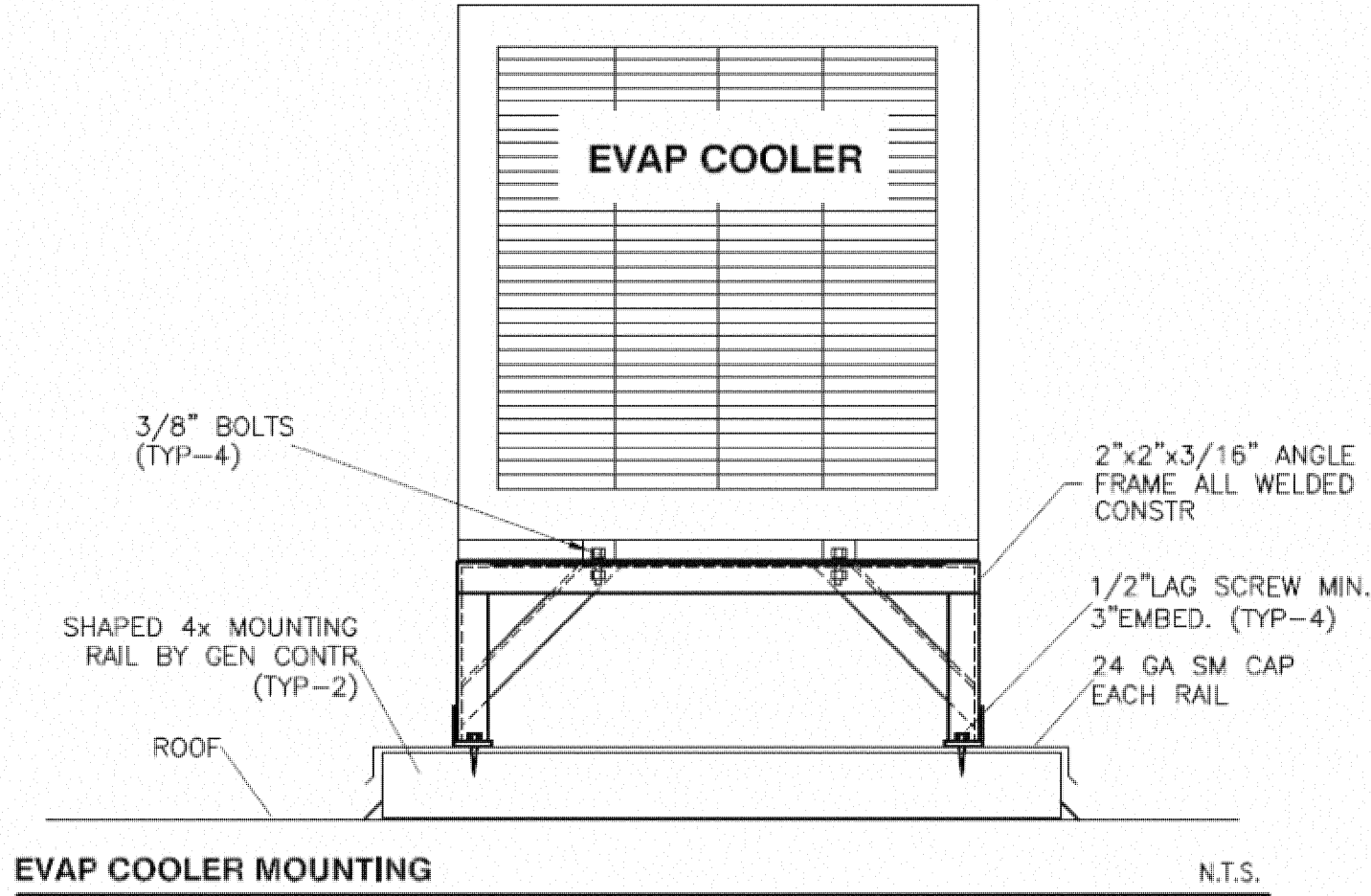
SIZE CFM  EAG - EXHAUST AIR REGISTER

### MECHANICAL NOTES

- ALL GRILLES TO BE ANEMOSTAT RMD-FP GC50L
- ALL DUCT WORK TO BE METAL
- SEAL ALL JOINTS W/ HIGH PRESSURE DUCT SEALANT
- INSULATE ALL DUCT WORK W/ 2" FOIL FACE FIBERGLAS
- ALL HAND SINKS TO HAVE TEMPRING VALVE SET @ 110°F



TYPE II HOOD DETAIL



MOUNTING DETAIL

EC 1 ROOF TOP DOWNBLAST EVAPORATIVE COOLER 4000 CFM @ .5"ESP, 120V, 1ø, 1/4 HP., W/ MEDIA PUMPS AND ALL OTHER EQUIPMENT NECESSARY FOR COMPLETE OPERATION.

EF 1 7X3 CLASS II HOOD LOW TEMP. HOOD AS PER 2007 CMC 508.4.1.5

NOTE:  
 ELECTRICAL INTERLOCK BETWEEN MAKE UP AIR AND EXHAUST SHALL BE PROVIDED.

HOOD WILL BE LOCATED INSIDE SOFFIT FRAME. SEE OVEN ARCH SOFFIT DETAIL ON SHEET 2 OF 4. HOOD IS NOT VISIBLE FROM FRONT VIEW.

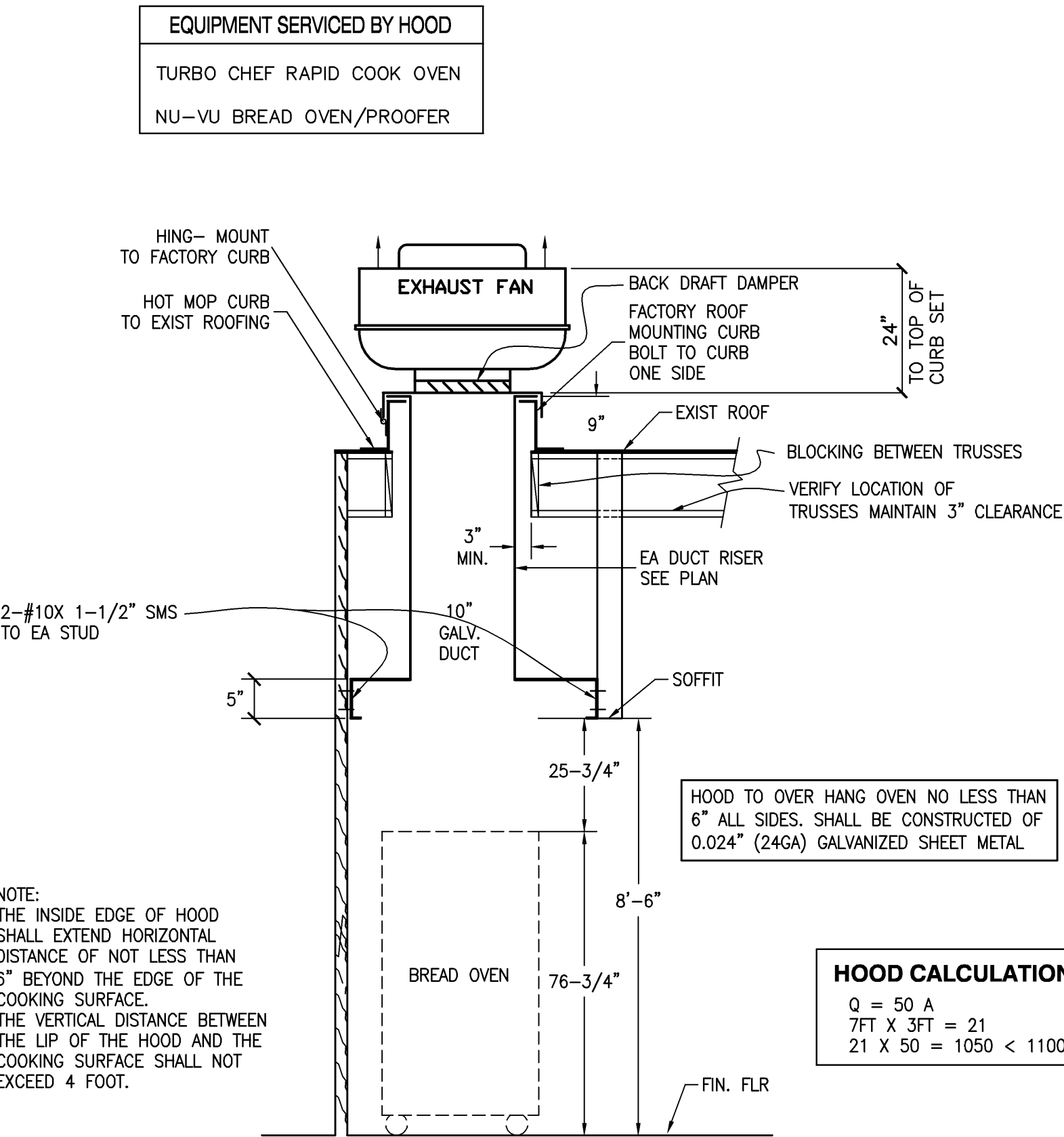
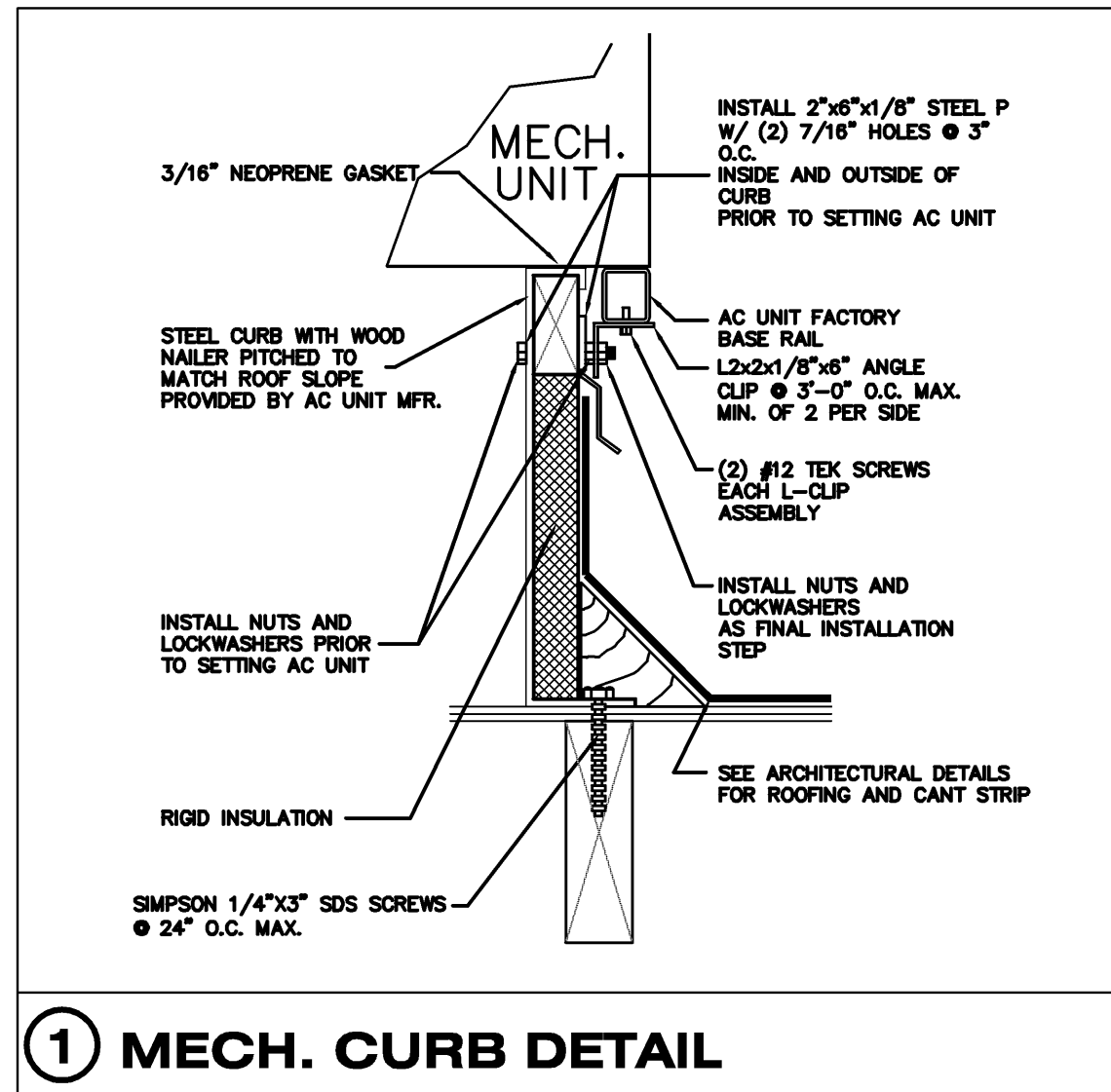
PROVIDE SMOKE DETECTORS IN MAIN SUPPLY AIR DUCTS OF AIR MOVING SYSTEMS EXCEEDING 2000 CFM PER SECTION 609.0 CMC.

AS PER CMC SECTION 504.5 EXHAUST OUTLET OF KITCHEN HOOD AND HVAC UNIT WILL BE A MINIMUM OF 10 FEET FROM ANY AIR INTAKE

TYPE II HOOD SHALL BE MADE UP OF 18 GAGE GALVANIZED METAL.

TYPE II HOOD DUCTING SHALL BE MADE UP OF 24 GAGE GALVANIZED METAL

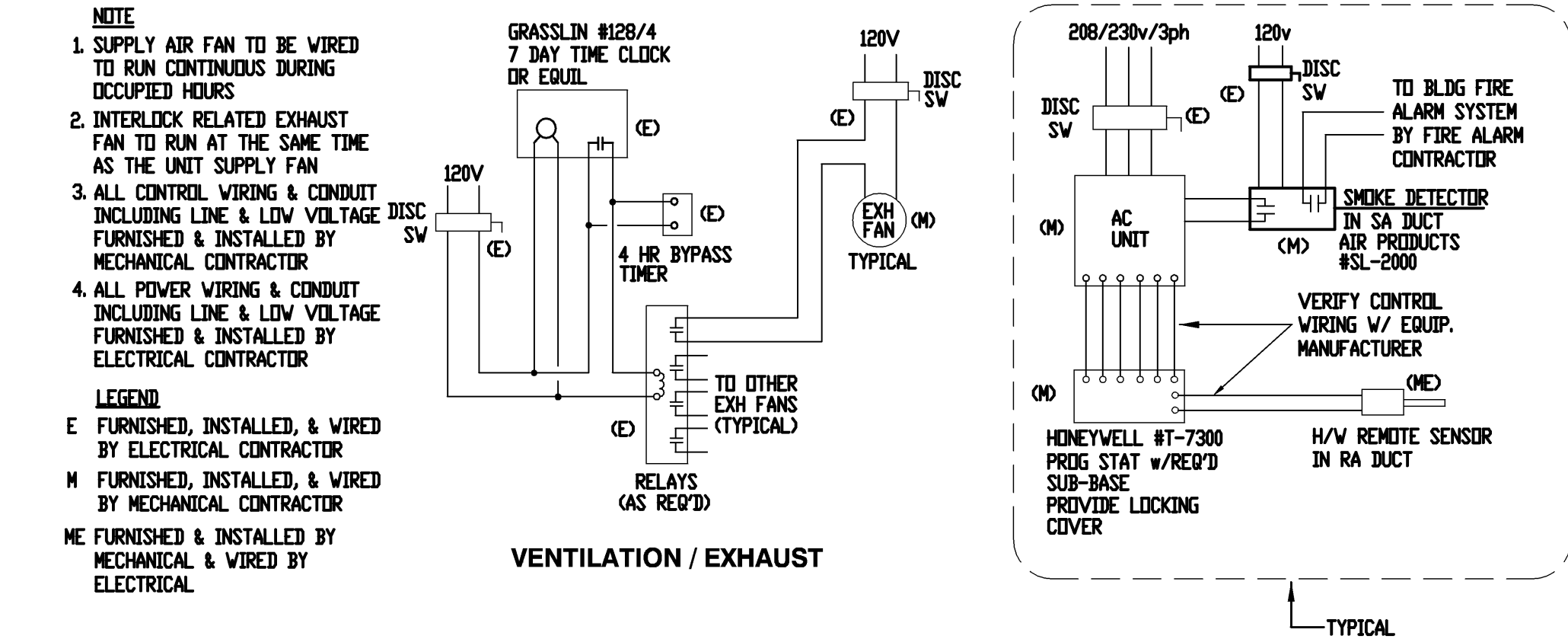
ALL INTAKE POINTS TO BE 10 FT CLEARANCE FROM ALL OTHER VENTS/  
 EXISTING HVAC TO BE REPLACED ON EXISTING ROOF CURB.



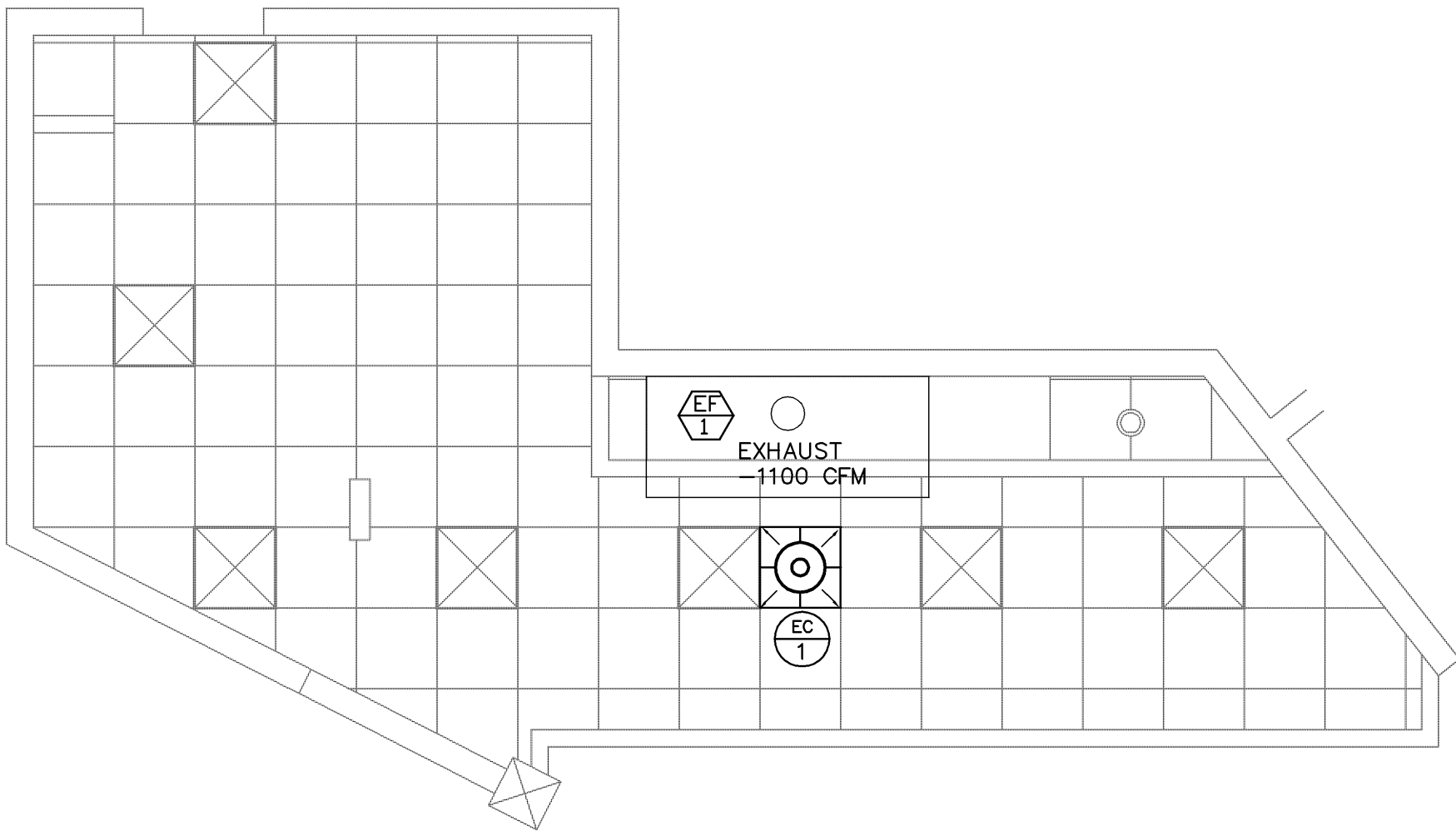
## 2 KITCHEN HOOD - TYPE II

N.T.S.

HOOD AT QSR-2 SIMILAR EXCEPT HOOD IS 24" FROM TOP OF OVEN



KITCHEN HOOD - TYPE II  
 SEE SHEET M-4 FOR TYPE I HOOD



### MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

P.E.  
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 PASQUINI  
 ENGINEERING

903 H Street Suite 300  
 Bakersfield, Ca. 93304

Telephone: (661)-328-9600  
 Fax: (661)-328-9030

NO.	DATE

SUBWAY

950 CAMARILLO CENTER DR.  
 CAMARILLO, CA 93010

THESE PLANS ARE NOT FOR CONSTRUCTION UNLESS A "WET STAMP & SIGNATURE" FROM BOTH THE ENGINEER OF RECORD AND A APPROVAL STAMP WITH A "WET STAMP & SIGNATURE" FROM THE LOCAL GOVERNING AGENCY ARE PRESENT.

DWG. BY	J.P.
CHK'D BY	
DATE	10/4/10
JOB NO.	6233
FILE NO.	623322

EXP. 12/31/10

SHEET

M-2

PRINTED: 10/28/2010

## 3 CONTROL DIAGRAMS - TYP.

N.T.S.