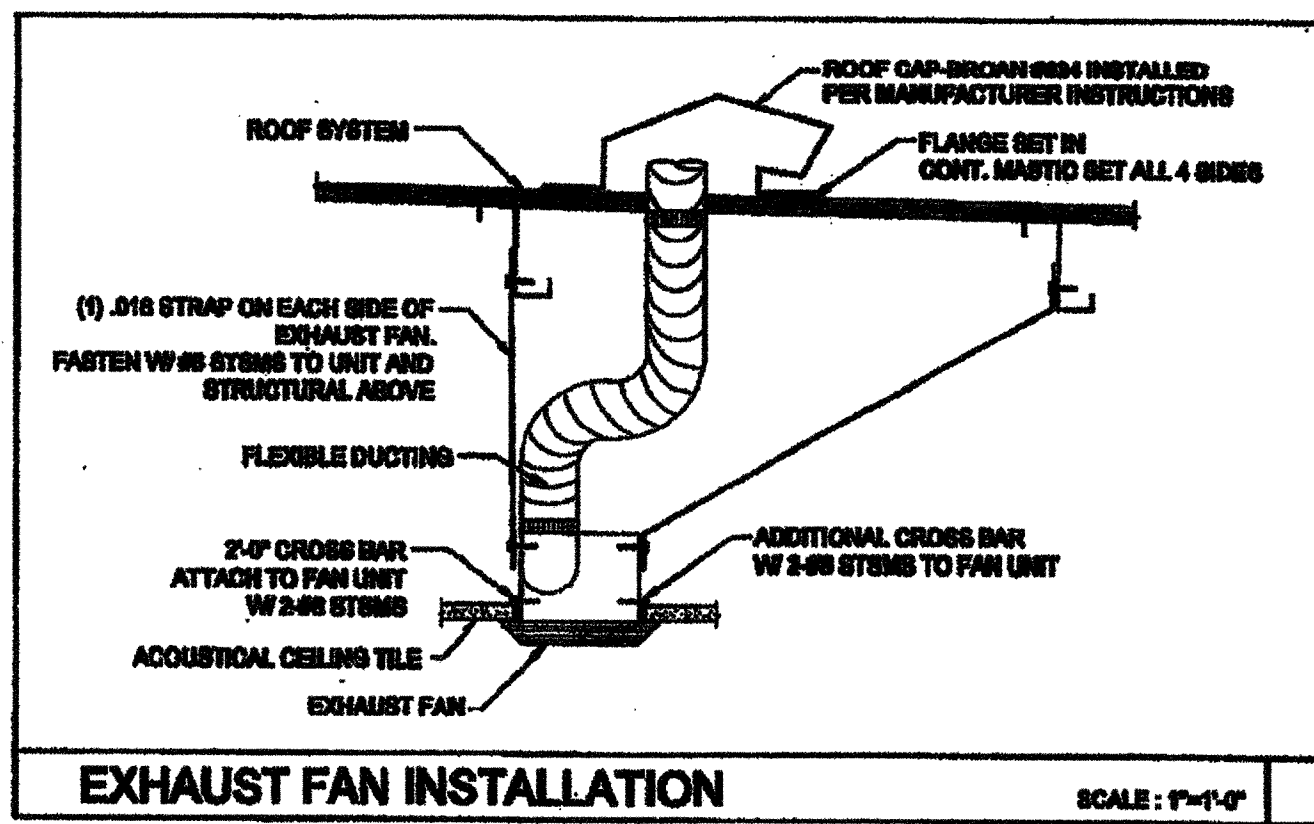


LEGEND		
SYMBOL	ABB.	DESCRIPTION
	SAD	SUPPLY AIR DUCT
	RAD	RETURN AIR DUCT
	EAD	EXHAUST AIR DUCT
	LD	LINED DUCTWORK
	CD	SUPPLY CEILING DIFFUSER
	CR	RETURN CEILING REGISTER
	ER	EXHAUST CEILING REGISTER
	VTR	VENT THRU ROOF
	FD	FIRE DAMPER
	MVD	MANUAL VOLUME DAMPER
	UC	UNDERCUT DOOR
	STAT	THERMOSTAT
	BT	BYPASS TIMER
	P.O.C.	POINT OF CONNECTION



**GENERAL NOTES**

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2010 CBC, SECTIONS 1018A.1.2 THROUGH 1018A.1.2 AND ASCE 7-05 CHAPTER 6 AND 12.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 6 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HANG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR SHALL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

**PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS**

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCE AND DISPLACEMENTS PRESCRIBED IN ASCE 7-05 SECTION 12.3 AS DEFINED IN ASCE 7-05 SECTION 12.6.3, 12.6.7, 12.6.8.6 AND 2010 CBC SECTIONS 1018A.1.2, 1018A.1.21 AND 1018A.1.22.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE CBC PD APPROVALS (CPA # AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D).

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING OR BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGING AND BRACE LOADS.

**CEILING MOUNTED EXHAUST FAN SCHEDULE**

SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFM	SONES	HP	ELECTRICAL			WGT.	REMARKS
								VOLTS	#	POWER		
EF 1	CEILING	TOILET EXHAUST	BROAN	676	100	4.0	0.25	120	1	150 WATTS	7 LBS.	WITH BRONX ROOF CAP #84. PROVIDE 4\"/>
EF 2	CEILING	TOILET EXHAUST	BROAN	L100	100	1.0	0.25	120	1	87 WATTS	22.50 LBS.	WITH BRONX ROOF CAP #84. PROVIDE 4\"/>
EF 3	CEILING	TOILET EXHAUST	BROAN	L200	210	2.0	0.25	120	1	127 WATTS	28.0 LBS.	WITH BRONX ROOF CAP #84. PROVIDE 4\"/>
EF 4	CEILING	TOILET EXHAUST	BROAN	L300	308	2.8	0.25	120	1	212 WATTS	25.10 LBS.	WITH BRONX ROOF CAP #84. PROVIDE 4\"/>

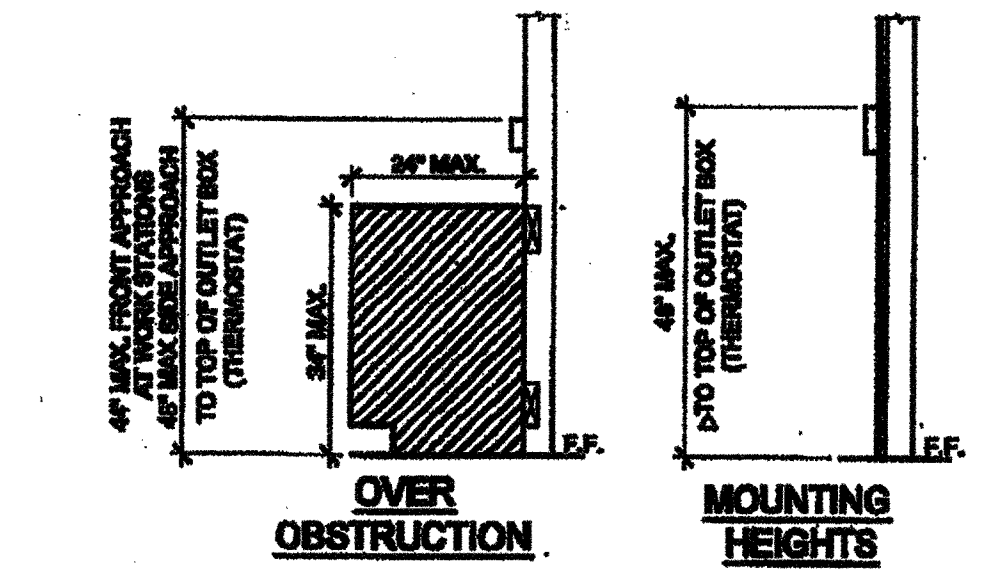
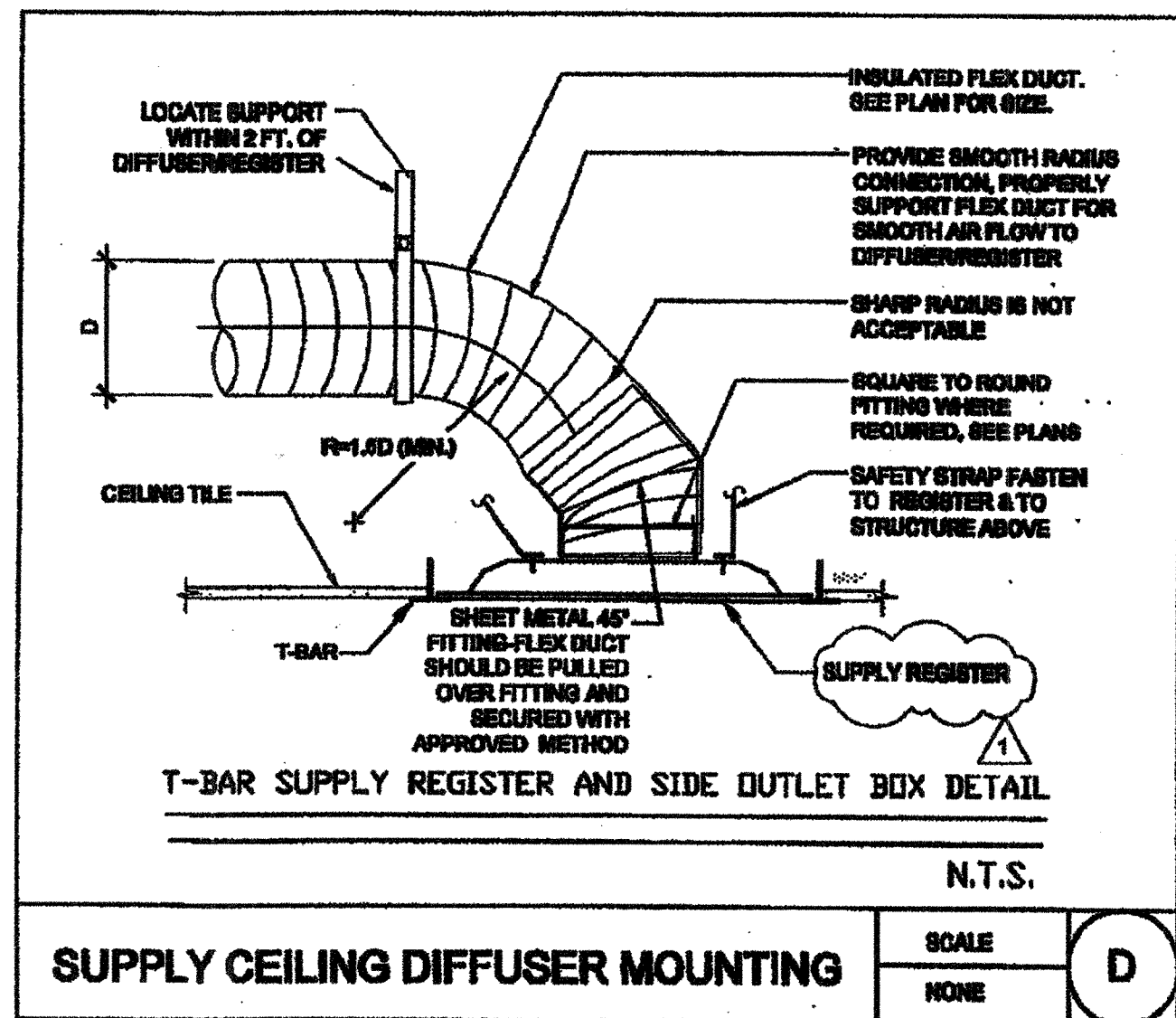
OR APPROVED EQUAL.

**PERFORATED FACE GRILLE SCHEDULE (SUPPLY)**

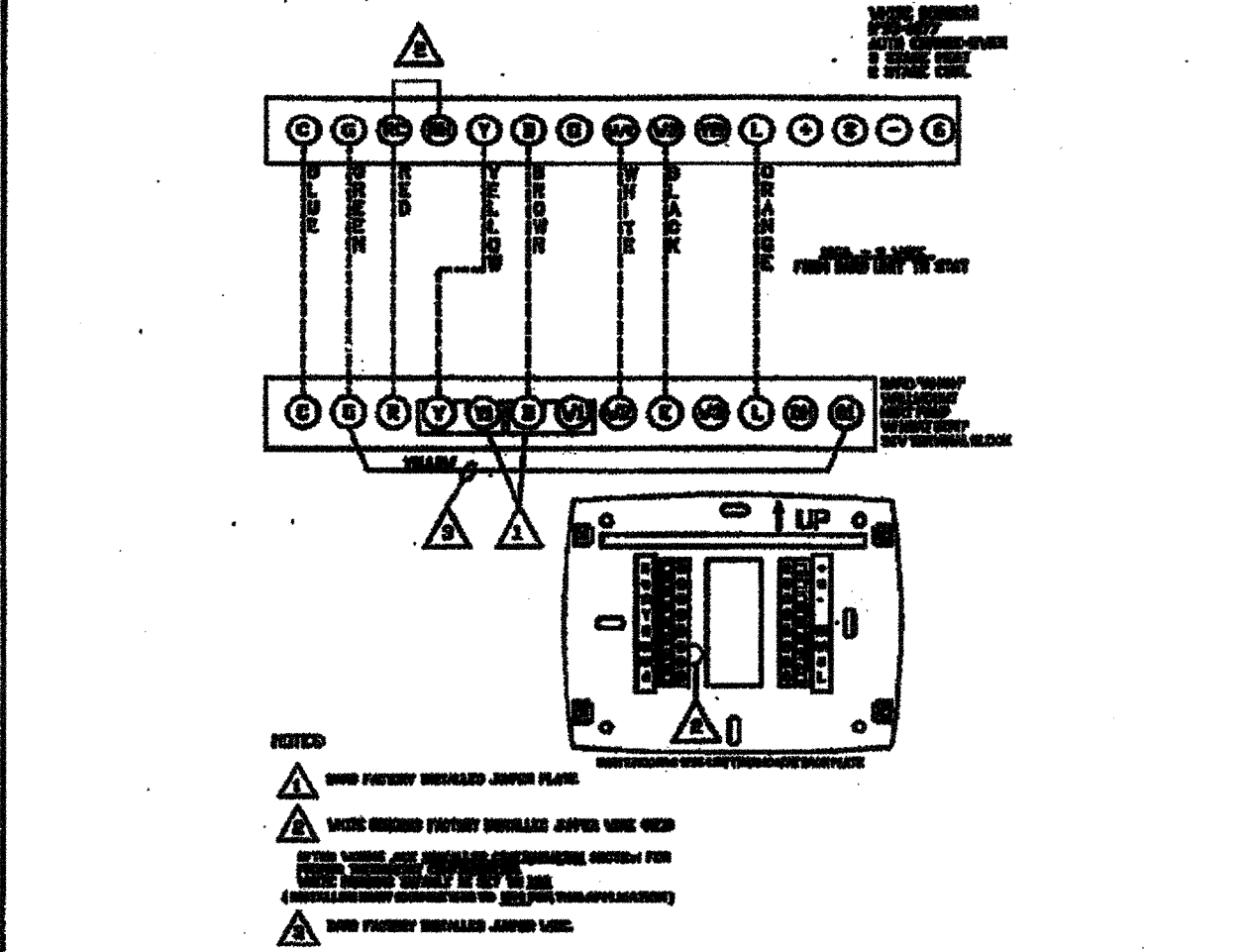
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR SUPPLY	6\"/>		
	8\"/>		
	10\"/>		
	12\"/>		
	14\"/>		

**PERFORATED FACE GRILLE SCHEDULE (RETURN)**

ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR RETURN	6\"/>		
	10\"/>		
	14\"/>		
	18\"/>		

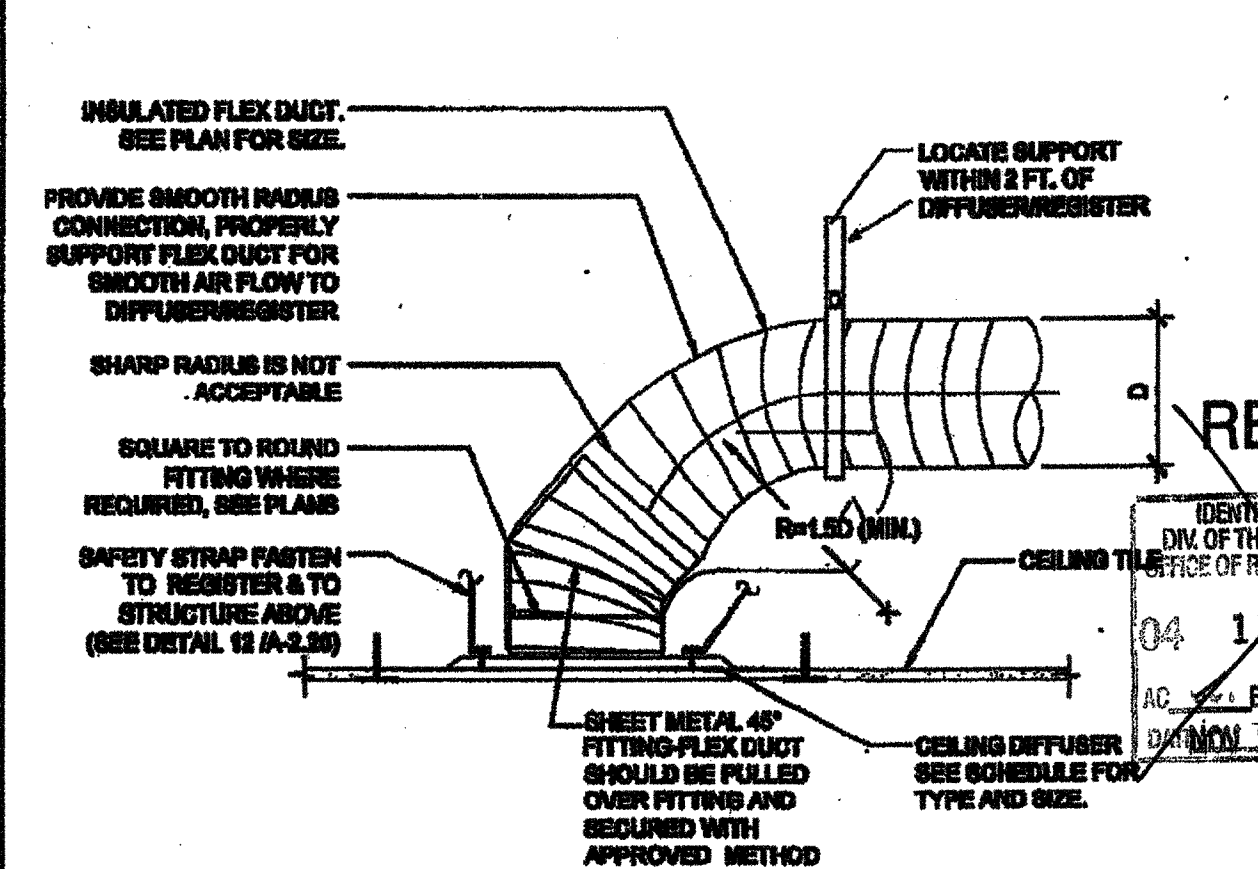


PROVIDE MIN 30\"/>



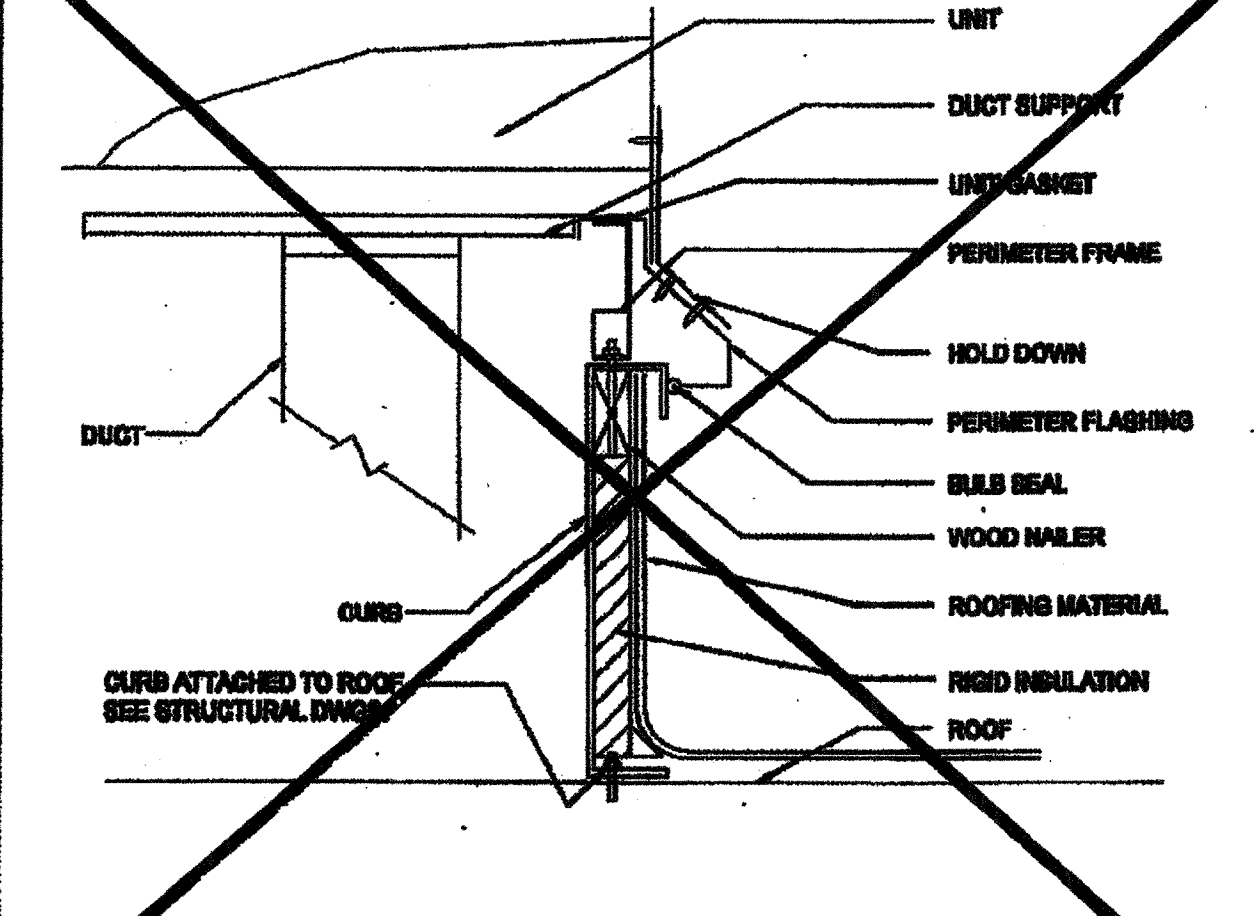
**UNIT TO THERMOSTAT WIRING**

SCALE	A
NONE	



**RETURN CEILING DIFFUSER MOUNTING**

SCALE	B
NONE	



**AC UNIT MOUNTING**

SCALE	C
NONE	

BUILDING SIZES VARY. SEE KEY PLANS ON SHEET A-0.3 FOR APPROPRIATE HVAC TONNAGE PER BUILDING SIZE.

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**SILVER CREEK INDUSTRIES, INC.**



PROJECT NAME:

**CLASS LEASING CLASSROOMS BLDG'S**

SHEET TITLE:

**MECHANICAL NOTES, SCHEDULES, & DETAILS**

REVISED FEB 26 2015

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
04 11 30 92  
DATE APR 23 2015

REGISTERED ARCHITECT  
STATE OF CALIFORNIA  
10322  
2-25-11

REGISTERED ARCHITECT  
STATE OF CALIFORNIA  
11032  
2-25-11

SEP 19 2012

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
04 11 30 92  
DATE APR 23 2015

ORIGINAL PO STATE AGENCY APPROVAL

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DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
PC 04-112072  
DATE APR 9 2015

REVISIONS

PC REVISION 00142012	

REVISIONS


REVISIONS


SILVER CREEK INDUSTRIES  
34 x 47 FC

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 02-23-11

P.C. SHEET NUMBER

M-0.1

STKP 140

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
03-11709  
DATE 06/17/12