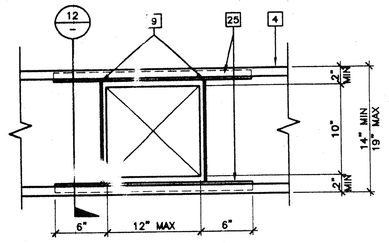
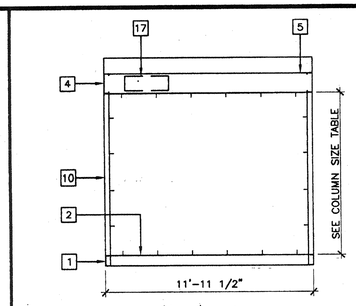


NOTE: BEAM PENETRATIONS ALLOWED ONLY IN CENTER THIRD OF SPAN AT 18" MIN EDGE OF HOLE TO EDGE OF HOLE

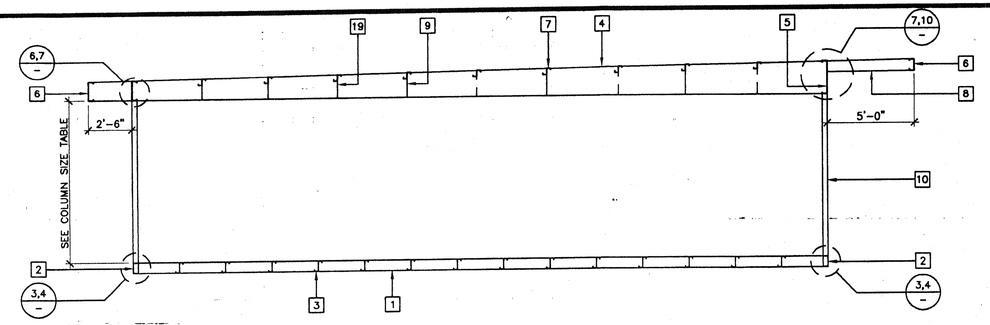
SCALE: 1 1/2"=1'-0"

OPTIONAL BEAM PENETRATION | 11



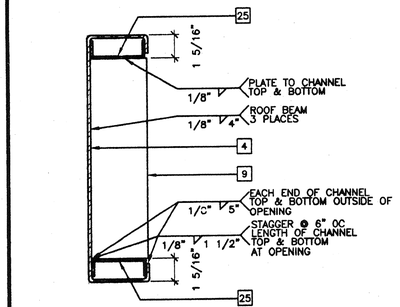
SCALE: 1/4"=1'-0"

SECTION AT END WALL | B



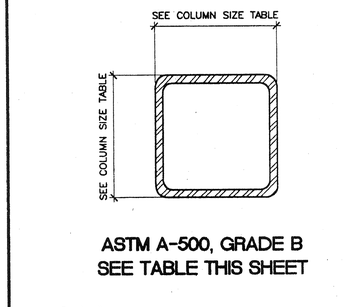
SCALE: 1/4"=1'-0"

SECTION AT SIDE WALL | A



SCALE: 3"=1'-0"

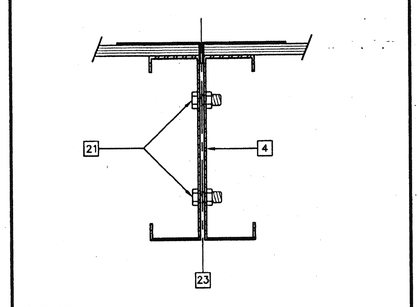
PENETRATION REINFORCMENT | 12



ASTM A-500, GRADE B
SEE TABLE THIS SHEET

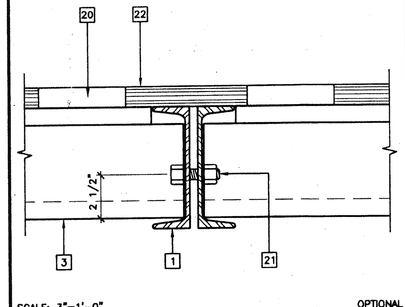
SCALE: 6"=1'-0"

TUBE STEEL COLUMN/STIFFENER | 8



SCALE: NTS

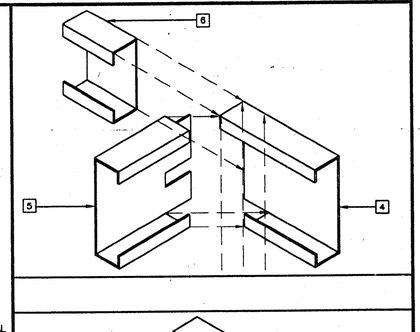
MODULE CONNECTION AT ROOF | 5

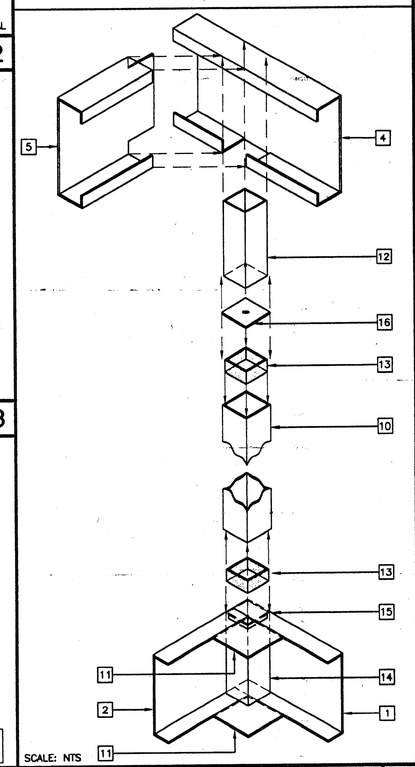


SCALE: 3"=1'-0"

OPTIONAL

MODULE CONNECTION AT FLOOR | 2





SCALE: NTS

COLUMN AT FLOOR AND ROOF | 1

KEY NOTES

1. [FLOOR BEAM – 1/S1.01
2. [FLOOR HEADER – 1/S1.01
3. ∫ FLOOR JOIST – 2/S1.01
4. [TAPERED ROOF BEAM – 1/S2.02
5. [ROOF HEADER – 2/S2.02
6. [ROOF FASCIA – 3/S2.02
7. ∫ ROOF PURLIN – 4/S2.02
8. [8" x 3–1/2" x 14GA ROOF OVERHANG BEAM
9. 1/4" FULL DEPTH STIFFENER PLATE AT 8'–0" OC TYPICAL ALIGN WITH PURLIN – 6/S2.02
10. 3 1/2" x 3 1/2" x " TUBE STEEL COLUMN (SEE COLUMN BELOW)
11. 3 1/2" x 3 1/2" x 1/4" STEEL STIFFENER PLATE, WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5" x 8" x 1/4" ANCHOR BOLT PLATE – 3/S1.01
12. 3 1/2" x 3 1/2" x 1/4" TUBE STEEL STIFFENER
13. (1) 3" x 3" 10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14. 3 1/2" x 3 1/2" x 1/4" ANGLE STIFFENER
15. BACK–UP PLATE – 10 GA MIN
16. 1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17. OPTIONAL HVAC DUCT OPENING – 12/S2.02.02
18. NOT USED
19. 1/4" FULL DEPTH STIFFENER PLATE AT 4'–0" OC AT SIDEWALLS ALIGN WITH PURLINS FOR 80 MPH DESIGN WIND LOAD ONLY
20. HAND HOLE AT BOLT LOCATION
21. 5/8" MB A307 AT MODULE CONNECTION JOINT – SEE FLOOR/ROOF FRAMING PLANS
22. FLOOR SHEATHING
23. MODLINE (난)
24. NOT USED
25. 3 1/4" x 1" 10 GA CHANNEL STIFFENER
26. 10 GA PLATE (REFER TO DETAIL CHART FOR DIMENSIONS –14/S3.01)
27. 3 1/2" x 4 1/2" x 1/4" PLATE UNDER BEAM FLANGE

NOTES

1. ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE–RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V–NOTCH TOUGHNESS OF 20 FT/LBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION. (ALL MEMBERS EXCEPT LIGHT GUAGE).

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN HEIGHT	
	9'–0"	10'–6"
70 MPH	3 1/2"x3 1/2"x1/4"	4"x4"x3/8"
80 MPH	3 1/2"x3 1/2"x5/16"	4"x4"x3/8"
80 MPH WITH 4'–0" PARAPETS	———	5"x5"x3/8"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 116318
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DATE 051215

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
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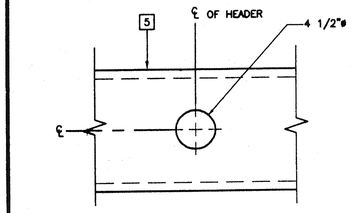
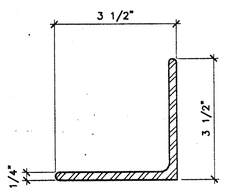
04 105299
AC. FLS. SS
DATE MAY 22 2003

4012-125



SCALE: 1 1/2"=1'-0"

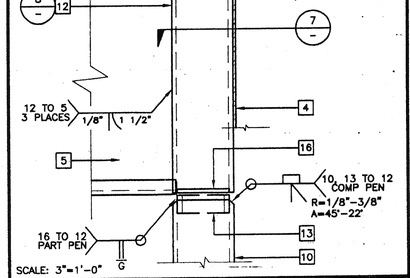
OPTIONAL BEAM PENETRATION | 14



ASTM A-36

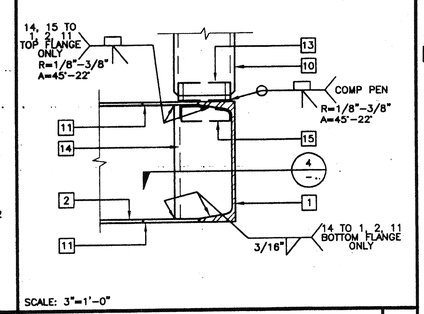
SCALE: 6"=1'-0"

OVERHANG AT ROOF BEAM | 10



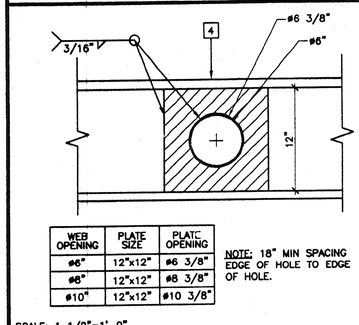
SCALE: 3"=1'-0"

COLUMN AT ROOF | 7



SCALE: 3"=1'-0"

COLUMN AT FLOOR | 3

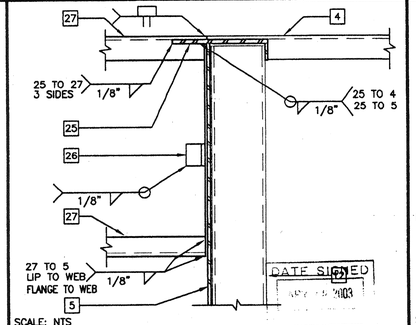


WEB OPENING	PLATE SIZE	PLATE OPENING
ø6"	12"x12"	ø6 3/8"
ø8"	12"x12"	ø8 3/8"
ø10"	12"x12"	ø10 3/8"

NOTE: 18" MIN SPACING EDGE OF HOLE TO EDGE OF HOLE.

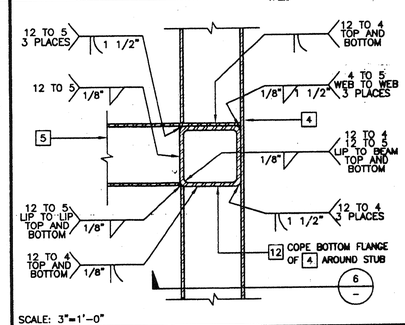
SCALE: 1 1/2"=1'-0"

ATTIC RELIEF VENT IN HEADER | 13



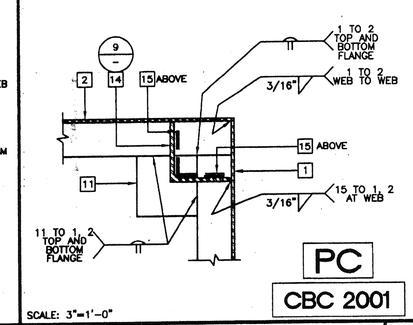
SCALE: NTS

STIFFENER ANGLE | 9



SCALE: 3"=1'-0"

COLUMN AT ROOF | 6



PC
CBC 2001

SCALE: 3"=1'-0"

STIFFENER AT FLOOR | 4

OPTIONAL BEAM PENETRATION | 14

OVERHANG AT ROOF BEAM | 10

COLUMN AT ROOF | 7

STIFFENER AT FLOOR | 4

COLUMN AT FLOOR AND ROOF | 1

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
LICENSE EXPIRES 6-30-2004

Architects Seal
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No. C 2358
REN. 8-30-04
STATE OF CALIFORNIA

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AC. FLS. SS
DATE 5/12/03

MODTECH™ INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH
(8 & 12 LIGHTS)

DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

MODTECH Index No.

STRUCTURAL FRAMING 26 GA MONO PITCH

S3.02

PROJECT NO. PC-04-104801

FILE PATH: 2440-S3.02.DWG