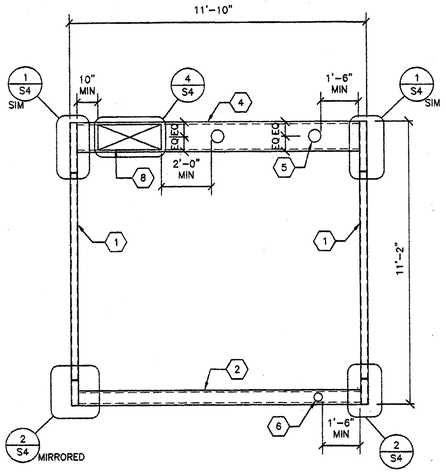
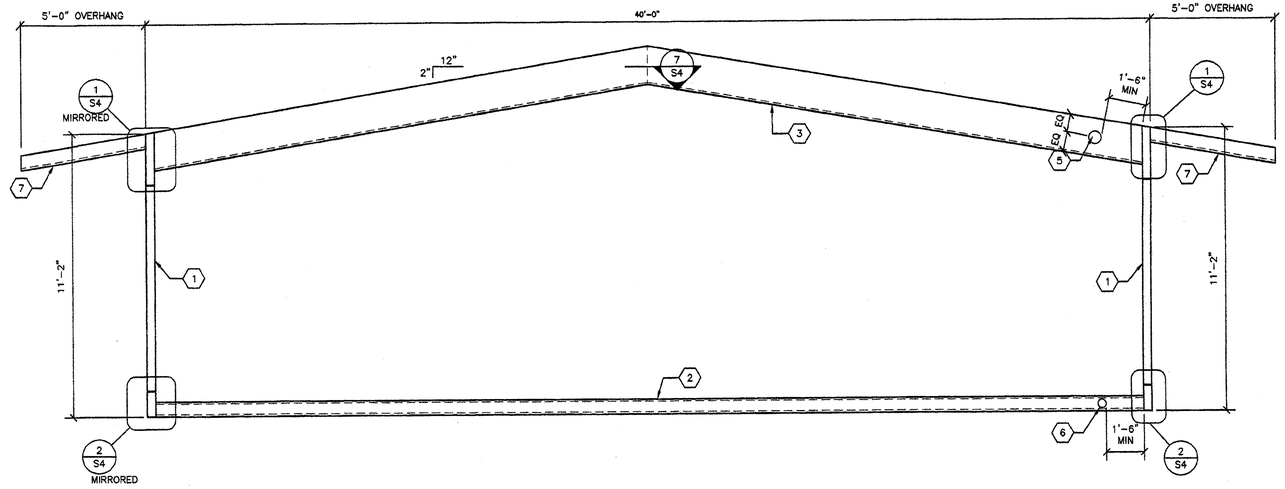


B S4 TYPICAL TRANSVERSE FRAME
3/8"=1'-0"



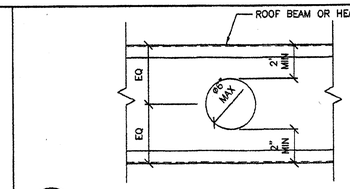
A S4 TYPICAL LONGITUDINAL FRAME
3/8"=1'-0"

- KEY NOTES -

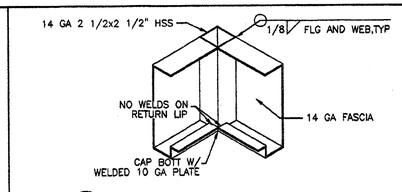
1. HSS 4x4x5/16" COLUMN
2. FLOOR BEAM PER SCHEDULE BELOW
3. LONGITUDINAL ROOF CHANNEL PER 10/S3.1
4. 12 GA. TRANSVERSE ROOF CHANNEL 14" MIN 18" MAX PER 11/S3.1
5. 6" ø MAX OPENING IN WEB OF ROOF BEAM WITHOUT WEB REINFORCEMENT MINIMUN SPACING OF HOLES @ 48" O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF ROOF BEAM EXCEPT AS NOTED OTHERWISE ON FRAMING ELEVATION NOTE: IF HOLE IS 3" OR LESS THEY MAY BE SPACED AT 24" O.C. MINIMUM
6. 4" ø MAX OPENING IN WEB OF FLOOR BEAM WITHOUT WEB REINFORCEMENT MINIMUM SPACING OF HOLES @ 48" O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF FLOOR BEAM WITH DIRECT FOUNDATION SUPPORT BELOW. OPENINGS ARE NOT ALLOWED WHERE BEAMS ARE SPANNING BETWEEN FOUNDATIONS OR ACROSS VENT OPENINGS. NOTE: IF HOLE IS 2" OR LESS THEY MAY BE SPACED AT 24" MINIMUM
7. 12 GA OUTRIGGER CHANNEL AT ENCLOSED OVERHANG REFER TO DETAIL 1/S4A
8. OPENING FOR HVAC UNIT

- FLOOR BEAM SCHEDULE -

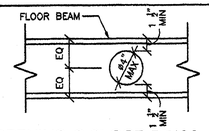
SUBFLOOR TYPE	FLOOR BEAM SIZE	ALTERNATES
VIROC OR PLYWOOD	C7x9.8	C9x13.4, C10x15.3
CONCRETE	C9x13.4	C10x15.3



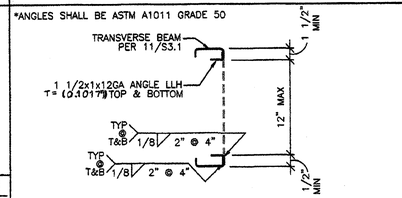
5 S4A OPENING @ ROOF BEAMS
1 1/2"=1'-0"



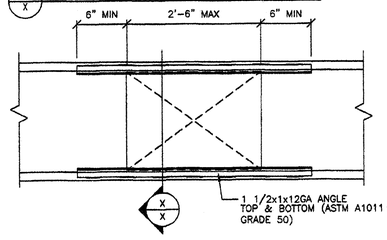
3 S4A OVERHANG CORNER DETAIL
NTS



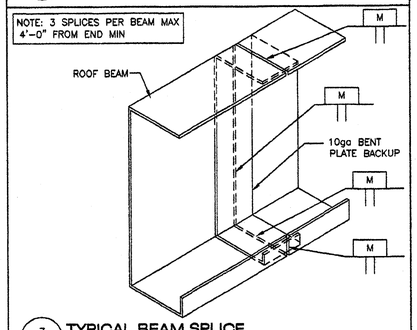
6 S4A OPENING @ FLOOR BEAM
1 1/2"=1'-0"



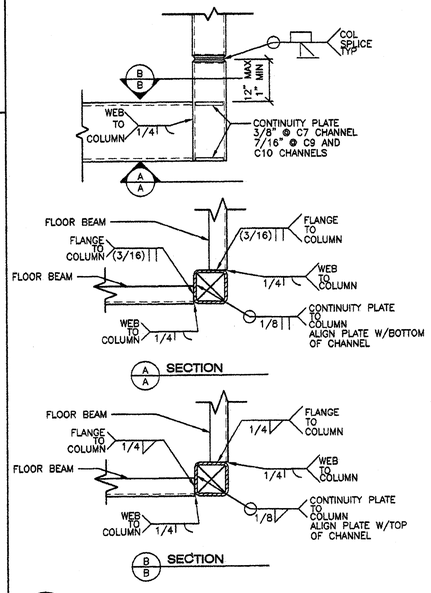
X X DETAIL @ TRANSVERSE BEAMS



4 S4A OPENING @ TRANSVERSE ROOF BEAMS
1 1/2"=1'-0"

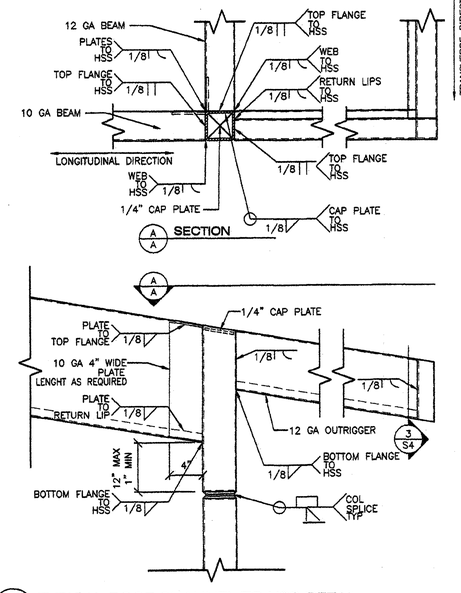


7 S4A TYPICAL BEAM SPLICE
N.T.S.



2 S4A TYPICAL CORNER TO BEAM DETAIL
1 1/2"=1'-0"

THE WELDING PROCEDURE QUALIFICATION TEST RECORD AND WELDING PRODECURE SPECIFICATION FOR THIS WELD SHALL BE PREPARED IN ACCORDANCE WITH AWS D.1-06 AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND SUBMITTAL TO THE D.S.A. TYPICAL DETAILS 1/S4A, 2/S4A AND 7/S4A. 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 ZERO DEGREES F, AS DETERMINED BY AWS CLASSIFICATION.



1 S4A TYPICAL ROOF CHANNEL TO HSS DETAIL
1 1/2"=1'-0"

REVISIONS

NO	DATE	DESCRIPTION
1		
2		
3		
4		

DATE: 02/04/08
SCALE: NOTED
DRAWN BY: RL
SERIAL NO.:

CUSTOMER:

2:12 PITCHED ROOF 24' x 40' THRU 120' x 40' RELOCATABLE BUILDINGS
TYPICAL FRAME ELEVATIONS

American Modular Systems Inc.
787 Spreckels Ave. Manteca, CA 95336
(209)825-1921 Fax (209)825-7018
americanmodular.com

APPROVALS:

THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD.

REGISTERED PROFESSIONAL ENGINEER — Kenneth A. Luttrell No. 1416 EXP. 3-31-08 Structural Engineer — STATE OF CALIFORNIA

LICENSED ARCHITECT — Daniel Patrick Kevin No. C12631 Ren. 3-31-09 — STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT — 05-112985 — AC. FLA SS — DATE SEP 24 2009

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES — PC 02-109695 — AC. FLS SS — DATE 3/13/2009

PROJECT No.
PC

S4