



- KEY NOTES -**
- LONGITUDINAL ROOF BEAM TYP. (SEE 10/S3.1)
 - 12 GA TRANSVERSE ROOF BEAM TYP. (SEE 11/S3.1)
 - HSS COLUMN PER SHEET S4
 - Z FORMED ROOF PURLINS @ 48" O.C. MAX (SEE 9/S3.1)
 - 20 GA. ROOF PAN 3 SPAN CONTINUOUS MIN. (SEE 8/S3.1)
 - PROVIDE DOUBLE 6" PURLINS W/6" PURLIN BLKG PER 7/S3.1 @ OPTIONAL ROOF MOUNT HVAC. (MAX WEIGHT 600#)
 - 2"x16 GA. STRAP CROSS BRACING GRADE 50 ALT. CROSS BRACING 3"x18 GA. GRADE 50
 - 3x1x1/2 GA. BENT PLATE BRACE PER 4/S3 @ EA. STRAP TO 10 GA. BM CONNECTION & @ 12'-0" OC MAX @ EXTERIOR WALL ONLY. PROVIDE 2 @ RIDGE & PROVIDE PURLIN BLKG PER NOTE 10 BELOW.
 - ALTERNATE TO CROSS BRACING: 3/4" APA RATED L-P OSB SHEATHING OR 3/4" PLYWOOD (ALL SHEATHING SHALL BE EITHER T&G OR EDGE CLIP) COMPLY WITH DSA PA-082, CD EXPOSURE-1 48/24 SPAN INDEX, FACE GRAIN NORMAL TO ROOF PURLINS ALL BOUNDARY, EDGE & FIELD ATTACHMENTS SHALL BE 1" MIN. FROM EDGE OF PLYWOOD & EDGE OF STEEL SUPPORTING MEMBER. REFER TO SCHEDULE BELOW FOR FASTENING.
 - PURLIN BLOCKING WELD TO ROOF PURLINS PER DETAIL 7/S3.1. BLOCKING IS ONLY REQUIRED AT THE OUTSIDE MODULES @ PURLINS WITH DIAGONAL BRACING PER NOTE 8 ABOVE.

FASTENING SCHEDULE

NAILING	0.144 PINS SPACING		# 10 SMS SPACING	
	TYPICAL	WITHIN 4' OF BUILDING CORNERS	TYPICAL	WITHIN 4' OF BUILDING CORNERS
BOUNDARY	6" O.C.	6" O.C.	6" O.C.	6" O.C.
EDGE	6" O.C.	6" O.C.	6" O.C.	6" O.C.
FIELD	12" O.C.	6" O.C.	12" O.C.	12" O.C.

ET & F 0.144 PINS PER ICC ESR #4144

- GENERAL NOTES -**
- THE MATERIAL THICKNESS OF STRUCTURAL MEMBER, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED IN THE TABLE OR IN THE PLAN. THE MATERIAL GAUGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.
 - SEE SHEET S5 FOR TYP. SIDE WALL FRAMING.
 - SEE SHEET S5 FOR TYP. END WALL FRAMING.
 - ALL FASTENERS THRU METAL ROOF PANEL SHALL BE INSTALLED W/NEOPRENE WASHERS.

- MODULE SCHEDULE -

BLDG SIZE (FT)	TOTAL # OF 12" WIDE MODULES	"A" TOTAL # OF CENTER MODULES	"B" TOTAL BLDG WIDTH
24' x 40'	2	0	23'-8 1/4"
36' x 40'	3	1	35'-6 1/2"
48' x 40'	4	2	47'-4 3/4"
60' x 40'	5	3	59'-3"
72' x 40'	6	4	71'-1 1/4"
84' x 40'	7	5	82'-11 1/2"
96' x 40'	8	6	94'-9 3/4"
108' x 40'	9	7	106'-8"
120' x 40'	10	8	118'-6 1/4"

REVISIONS

NO	DATE	DESCRIPTION

DATE: 02/06/08
 SCALE: NOTED
 DRAWN BY: DM
 SERIAL NO.:

CUSTOMER:
 2:12 PITCHED ROOF 24'x40' THRU 120'x40' RELOCATABLE BUILDINGS
 ROOF FRAMING PLANS (OPEN SOFFIT)

ZMS
 American Modular Systems Inc.
 787 Sprinklers Ave. Manteca, CA 95338
 (209)625-1921 Fax (209)925-7018
 americanmodular.com

APPROVALS:
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REGISTERED PROFESSIONAL ENGINEER
 Kenneth A. Luttrell
 No. 4418
 Exp. 3-31-08
 Structural Engineer
 STATE OF CALIFORNIA

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 65-112985
 AC FLS SS
 DATE: SEP 24 2007

PROJECT No.
 PC
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