

- 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
  - 2' 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
  - 3x12 GA. BENT PLATE BRACE PER 4/S3 @ EA. STRAP TO 10 GA. BM CONNECTION & @ 12'-0" O.C. 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-062, 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 -**

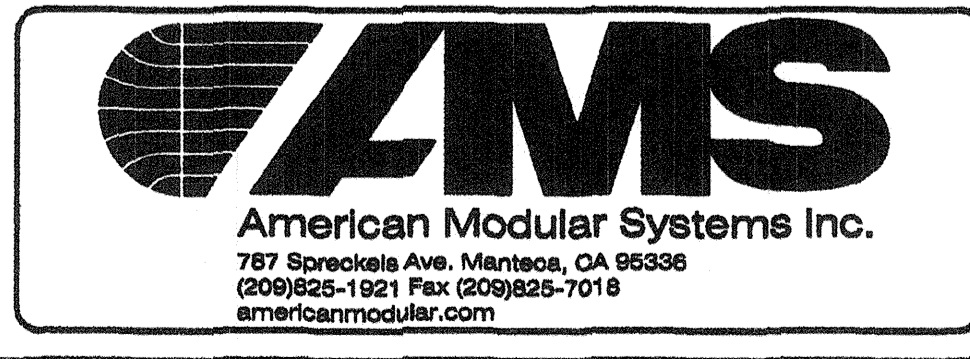
| BLDG SIZE (FT) | TOTAL # OF 12' WIDE MODULES | "A" TOTAL # OF CENTER MODULES | "B" TOTAL BLDG WIDTH |
|----------------|-----------------------------|-------------------------------|----------------------|
| 24' x 40'      | 2                           | 0                             | 23'-8 1/4"           |
| 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**

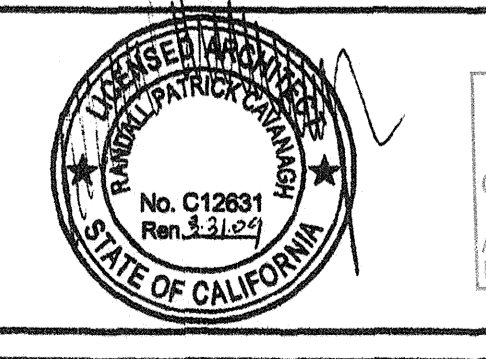
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DATE: 02/06/08  
SCALE: NOTED  
DRAWN BY: DM  
SERIAL NO.:

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



APPROVALS:  
THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD.  
Kenneth A. Luttrell No. 1418 Exp. 3-31-09 Structural Engineer STATE OF CALIFORNIA



IDENTIFICATION STAMP  
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PROJECT No.  
PC  
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