



**NOTES:**

- A. EXTERIOR PLYWOOD ATTACHED TO STUDS W/ CORROSION RESISTANT SCREWS.
- B. PROVIDE MOISTURE BARRIER BEHIND SIDING.

**KEYNOTES**

- 3 1/2" x 20 GA. METAL STUD AT 16" O.C. MAX.
- #8 STMS EN AT 6" O.C. MAX.
- EXTERIOR FINISH (SEE FINISH SCHEDULE).
- 20 GA. x 2 1/2" CONTINUOUS STRAP.
- 26 GA. S.N. "Z" FLASHING.
- #8 STMS FH AT 12" O.C. MAX.
- HEADER (SEE OPENING SCHEDULE) COPE & BEND WEB FOR ATTACHMENT TO JAMB STUDS.
- #8 STMS WAFER HD.
- JAMB STUD (SEE OPENING SCHEDULE FOR TYPE AND QUANTITY).
- 3 1/2" x 20 GA. TRACK.
- 3 1/2" x 20 GA. TRACK AS HEADER OR SILL (SEE OPENING SCHEDULE) COPE AND BEND WEB FOR ATTACHMENT TO JAMB STUDS.
- 1 1/2" x 1 1/2" x 12 GA. AT 8" O.C. STAGGERED.
- ROOF PURLIN (SEE STRUCTURAL ROOF FRAME).
- PLYWOOD ROOF DECK.
- #10 STMS.
- PLYWOOD SUB FLOOR.
- 16# AT 8" O.C. MAX.
- 3 1/2" x 20 GA. METAL STUD.
- 20 GA. JAMB CLIP "L" AT 24" O.C. MAX.
- #8 STMS AT 24" O.C. MAX.
- 20 GA. x 4" WIDE STRAP.
- ALTERNATE WELDING 1" AT 18" O.C. IS AN ACCEPTABLE ALTERNATE TO BOLTING AND SCREWING.

OPENING SCHEDULE		ROUGH OPENING	
OPENING	HEADER	SILL	JAMB
3066/4066	1-3 1/2" x 20 GA. S	1-3 1/2" x 20 GA. S	2-3 1/2" x 20 GA. S
	HEIGHT	WIDTH	
	81 1/4"	36"	
8040	2-3 1/2" x 20 GA. S	2-3 1/2" x 20 GA. S	2-3 1/2" x 20 GA. S
	HEIGHT	WIDTH	
	48 1/8"	66 1/8"	

  

LIGHT GAUGE STEEL PROPERTIES				
MEMBER	TYPE	MAJOR AXIS		
		A	S <sub>x</sub>	I <sub>x</sub>
3 1/2 X 20 GA. S	STUD	0.251 IN <sup>2</sup>	0.278 IN <sup>4</sup>	0.487 IN <sup>8</sup>
3 1/2 X 20 GA. T	TRACK	0.150 IN <sup>2</sup>	0.123 IN <sup>4</sup>	0.215 IN <sup>8</sup>

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APP03 117549

AC / FLS - SS / TN

Date OCT 11 2016

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT

APP03 117549

AC / FLS - SS

Date

THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF M.S.I. INC. AND SHALL NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF M.S.I. INC. M.S.I. INC. SHALL BE THE PROPERTY OF M.S.I. INC. M.S.I. INC. SHALL BE THE PROPERTY OF M.S.I. INC.

**ARCHITECT APPROVAL**

**STRUCTURAL ENGINEERS STAMP**

**STATE AGENCY APPROVAL**

**PROJECT**  
24'X40', 36'X40', & 48'X40' MODULAR CLASSROOM BUILDING

**JOB #** 96-1310

**DATE** 12/9/96

**DRAWN BY** B.N.

**SCALE** NONE

**APPROVED**

**REVISIONS**

**SHEET NO.** S-25

**TITLE** STEEL FRAMING DETAILS

**MSI**  
MODULAR STRUCTURES INTERNATIONAL, INC.  
17705 VON KARMAN SUITE # 108  
IRVINE, CA 92714  
TEL: (949) 440-8700  
FAX: (949) 440-8705

**REGENCY ENGINEERING & CONSULTING GROUP**  
A SUBSIDIARY OF REGENCY COMPANY, INC.

**PC-323**