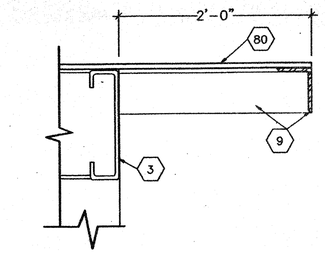
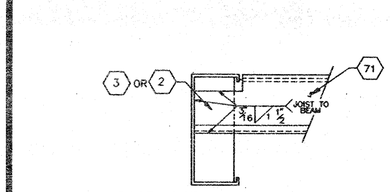


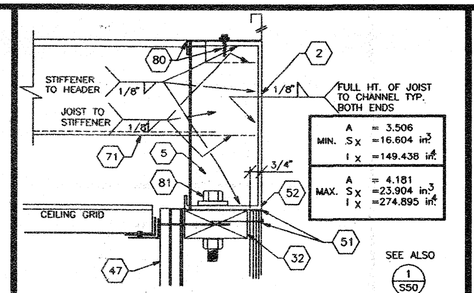

16 2' OVERHANG

11




ROOF JOIST TO BEAM OR HEADER

6 ROOF JOIST DETAILS




1 ROOF AT SIDEWALL

2. 10 GA. STEEL ROOF BEAM

3. 12 GA. STEEL ROOF HEADER

5. 3/16" FULL HEIGHT STIFFENER @ 4'-0" O.C. OR AT ROOF JOIST

6. 5/8" MACHINE BOLT @ MODULE CONNECTION

9. 4"x 3"x 3/8" @ PERIM. OF ROOF OVERHANG. OR USE 4"x 3"x 3/8" LLV FOR 30 PSF SNOW.

32. 2 x 4 TOP PLATE OR BOTTOM PLATE

47. TYPICAL INTERIOR FINISH – SEE SHEET G-1

51. TYP. EXTERIOR FINISH – SEE SHEET G-1.

52. SEALANT

71. ROOF JOIST

72. 2" X 20 GAGE STRAP WITH 3" MIN.OF 1/8 WELD TO EACH END TO ROOF BEAM

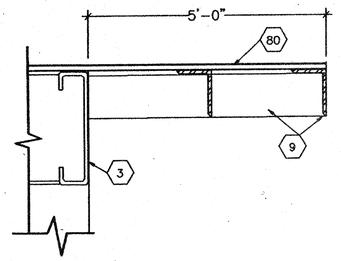
80. STEEL ROOF DECK – 22 Ga. ROLL FORMED 2 1/2" STANDING SEAM ROOF DECK. USE #14 SELF TAP SCREWS @ 12" O.C. AT ROOF JOIST [(2) PER PANEL], AND #14 SELF TAP SCREWS @ 4" O.C. AT HEADERS [(3) PER PANEL] AND 24" O.C. @ OUTSIDE EDGE, (1) #14 STS @ 4'-0" O.C. AT STANDING SEAM BETWEEN JOISTS.

81. WELD WASHER & 1/2" MACHINE BOLT @ 24" O.C. MIN. OR .170 PIN AT 16" O.C.

82. WELD WASHER – 1-3/8"x 3/32" WITH 9/16" HOLE. WELD TO UPPER CHANNEL FLANGE.

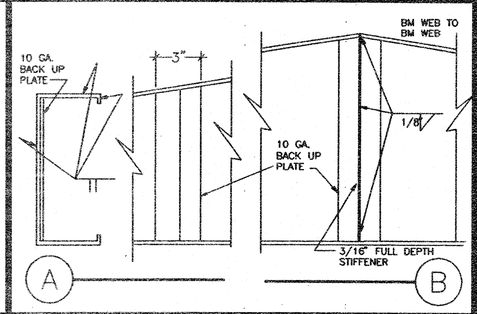
83. TYPICAL EXTERIOR FINISH – SEE SHEET G-1

THIS DRAWING AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF M.S.I. INC. AND SHALL NOT BE USED OR DISCLOSED TO ANY UNAUTHORIZED PERSON OR DIRECTLY OR INDIRECTLY, AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE MAKING OF DRAWINGS, PRINTS APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF M.S.I. INC. ALL SUCH MATERIAL CONTAINED HEREIN AND ORIGINATING WITH M.S.I. INC. SHALL BE THE PROPERTY OF M.S.I. INC. AND ANY REPRODUCTION THEREOF SHALL BE THE PROPERTY OF M.S.I. INC.

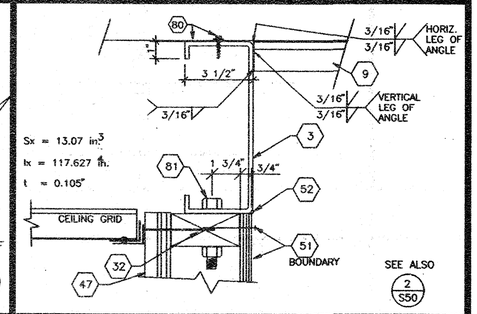



17 5' OVERHANG

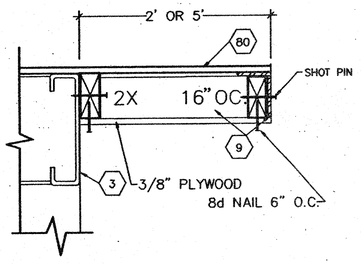
12 WELD WASHER



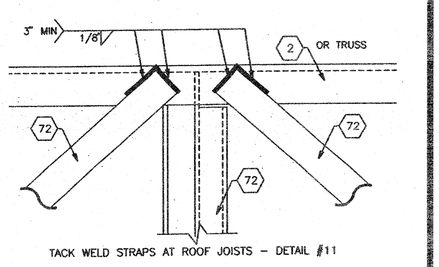

7 METAL ROOF AT BEAM




2 ROOF AT ENDWALL

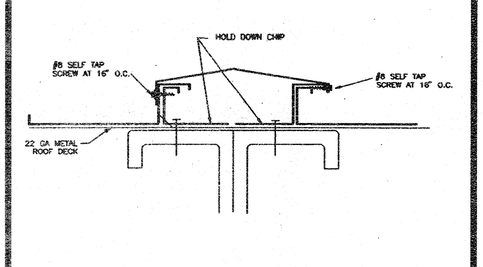



18 2' OR 5' OVERHANG OPTIONAL SOFFIT

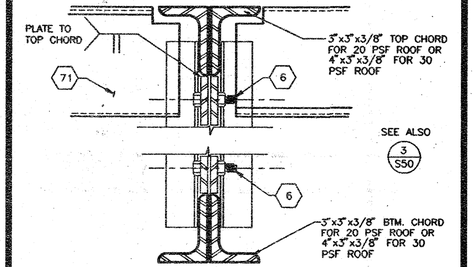



TACK WELD STRAPS AT ROOF JOISTS – DETAIL #11

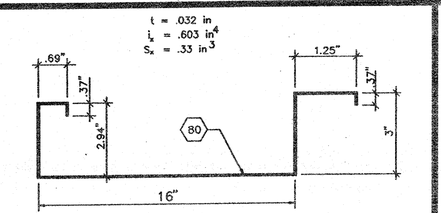
13 20 Ga. STRAP @ RF. BEAM



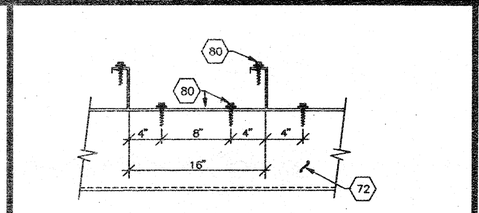

8 METAL ROOF @ MOD LINE



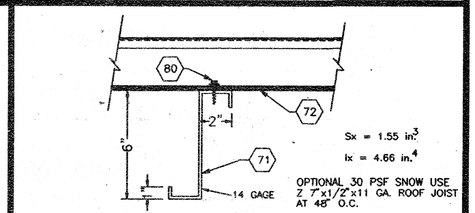

3 TRUSS AT MODLINE



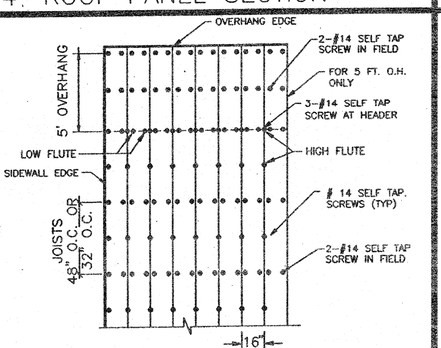

14 ROOF PANEL SECTION



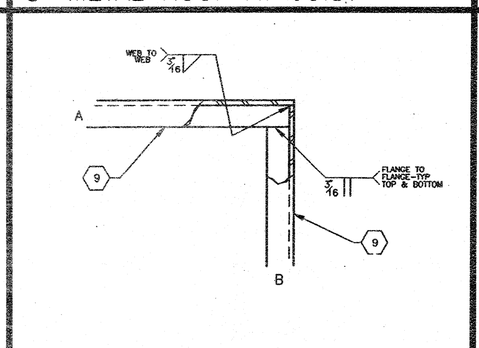

9 METAL ROOF AT JOIST




4 ROOF JOIST




15 TYP. ROOF FASTENING




10 ANGLE TO ANGLE

5

20

MSI
MODULAR STRUCTURES INTERNATIONAL, INC.
920 CITRUS AVE. RIVERSIDE, CALIFORNIA 92507
PHONE: (909) 788-3035 FAX: (909) 788-1523

PC-100073

ARCHITECT APPROVAL

STRUCTURAL ENGINEERS STAMP

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 8-30-

STATE AGENCY APPROVAL

AGENCY TRACKING NO. 63321-154
FILE NO. 154-6

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
03-117253
AC FLS SS
DATE 4/28/2016

STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
4 100073
AC FLS SS
DATE JAN 15 1998

STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
100073
AC FLS SS
DATE JAN 15 1998

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

TITLE
ROOF CONSTRUCTION DETAILS

JOB #

DATE 1-9-98

DRAWN BY R.D.L.

SCALE NONE

APPROVED

REVISIONS

SHEET NO.
S-60