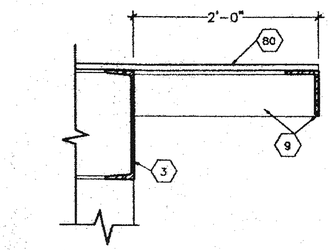
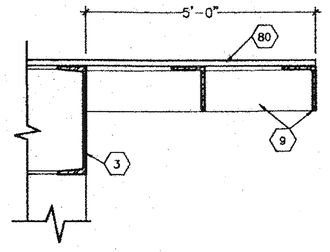
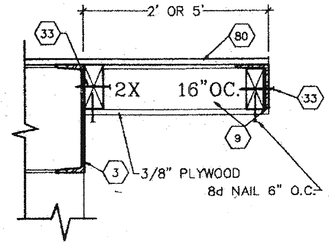


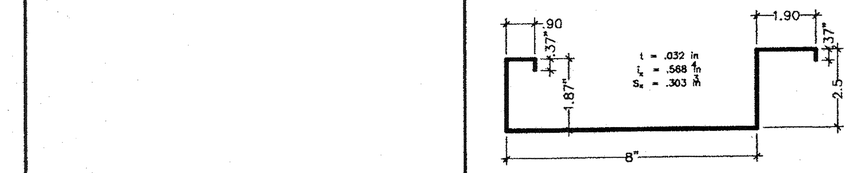
16 2' OVERHANG



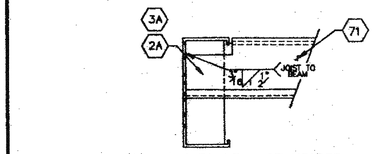
17 5' OVERHANG



18 2' OR 5' OVERHANG OPTIONAL

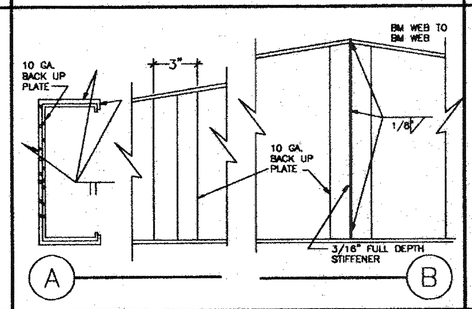


19



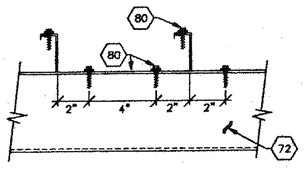
ROOF JOIST TO BEAM OR HEADER

6 ROOF JOIST DETAILS

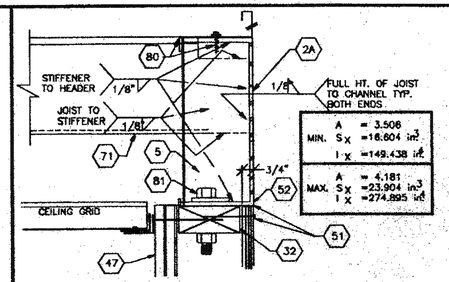


7 METAL ROOF AT BEAM

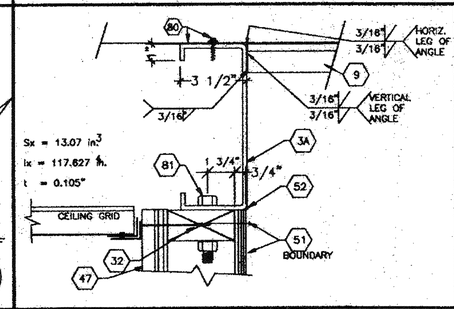
8 METAL ROOF @ MOD LINE



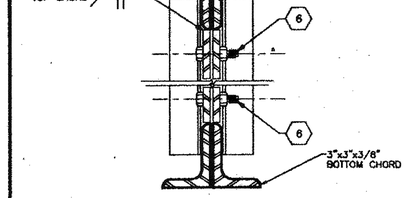
9 METAL ROOF AT JOIST



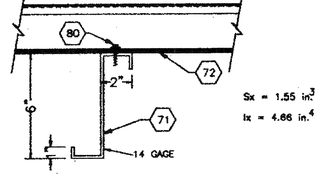
1 ROOF AT SIDEWALL



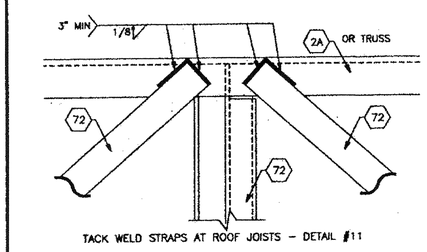
2 ROOF AT ENDWALL



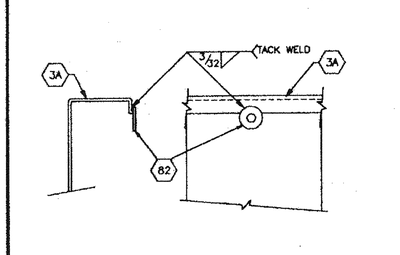
3 TRUSS AT MODLINE



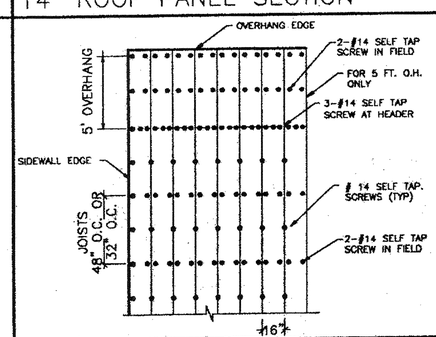
4 ROOF JOIST



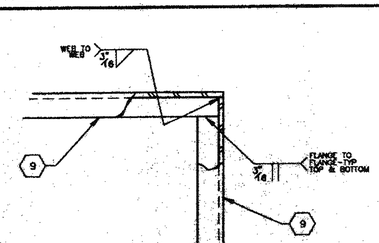
13 20 Ga. STRAP @ RF. BEAM



12 WELD WASHER



15 TYPICAL ROOF FASTENING



10 ANGLE TO ANGLE

5

2A. [18 X 23-18 x 3 1/ x 10 ga. CHANNEL

3A. 18x3 1/2"x12 Ga. CHANNEL 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.

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

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PC-323

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

TITLE
ROOF CONSTRUCTION DETAILS FOR COLD ROLLED AND METAL ROOFING

JOB #	96-1310
DATE	12/9/96
DRAWN BY	B.N.
SCALE	NONE
APPROVED	
REVISIONS	⚠ 2/4/97 ⚠ 4/25/97 MSI REV.
PLOT DATE:	04/28/97

SHEET NO.
S-60