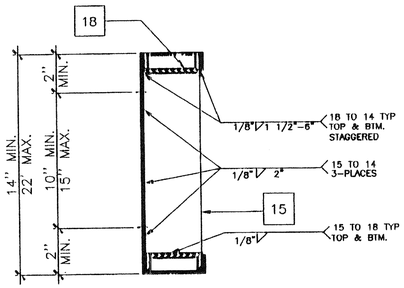
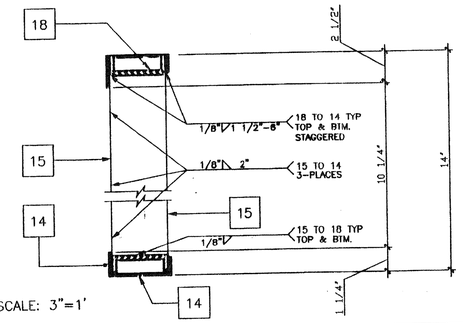


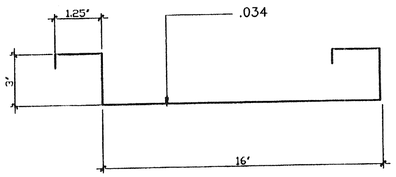
SCALE: 3"=1'

MECH. DUCT OPENING IN ROOF BM. 8



SCALE: 3"=1'

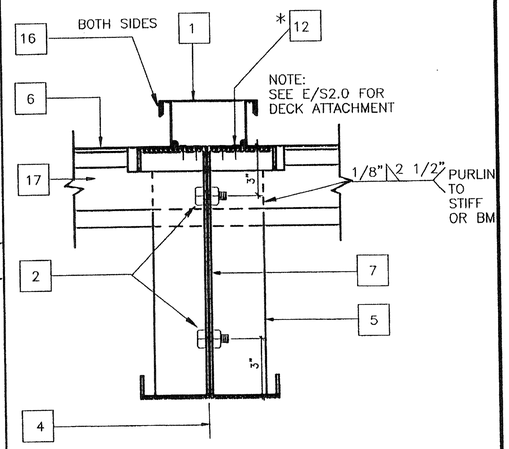
MECH. DUCT OPENING IN HEADER 4



Sx(MIN) = 0.296 IN3 Sx(MAX) = 0.33 IN3
1x(MIN) = 0.446 IN4 1x(MAX) = 0.603 IN4

SCALE: NT

ROOF PAN (22GA.) 5

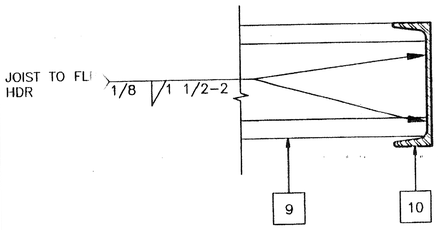


SEE 9/S2.1 FOR TYP. WELD STIFFENER TO BEAM

* DO NOT PENETRATE METAL ROOF DECK

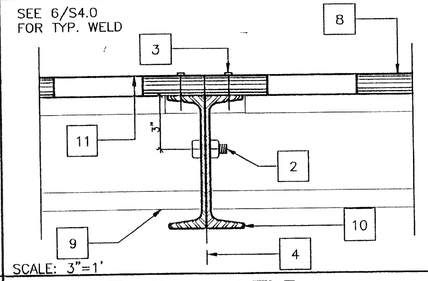
SCALE: 3"=1'

ROOFING @ MODLINE 1



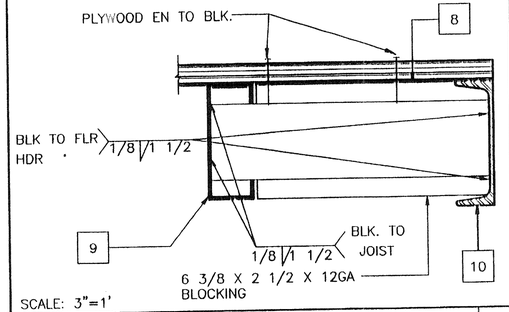
SCALE: 3"=1'

FLOOR FRAME/JOIST TO BEAM 6



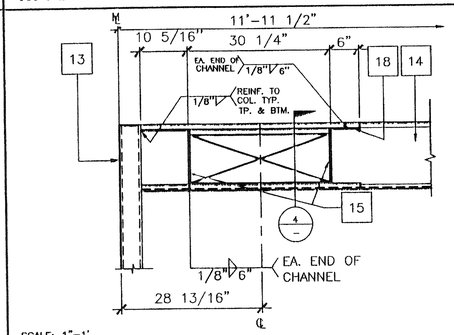
SCALE: 3"=1'

MODULE JOINT AT FLR. 12'-0" 2



SCALE: 3"=1'

BLOCK AT MIDSPAN 7



SCALE: 1"=1'

ELEVATION-OPENING 3

KEY NOTES

1. CAP CLOSURE AT RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT. BOTH SIDES.
2. 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) AT 8" O.C.
3. E.N.
4. MODULE JOINT
5. 14" THK X 3" FULL DEPTH STIFFENER PLATE AT RIDGE ONLY (SEE 9/S2.1)
6. STANDING ROOF SEAM (SEE A2.0)
7. ROOF BEAM SEE 1/S2.1 & 7/S2.1
8. PLYWOOD FLOOR SHEATHING
9. FLOOR JOIST SEE 6/S2.1
10. FLOOR BEAM SEE 5/S2.1
11. HAND HOLE AT BOLT LOCATION
12. #14 STSMS.
13. 3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN. SEE 12/S2.1
14. ROOF HEADER SEE 3/S2.1
15. 1/4" STIFFENER PLATE SEE 9/S2.1 FOR TYP. WELD
16. SEALANT
17. ROOF PURLIN SEE 2/S2.1
18. 3 1/4" X 1" X 45 11/16" LG X 10GA CHANNEL TOP AND BOTTOM OF OPENING

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FILE PATH: PC270S12.DWG

PROJECT NO. PC-270

REVISIONS				
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
REGISTERED PROFESSIONAL ENGINEER
S. V. MISHRA
No. S3413
Exp. 12/31/99
STRUCTURAL
STATE OF CALIFORNIA
02-08-99

Architects Seal

IDENTIFICATION STAMP
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DATE FEB 19 1999
REVISED

MODTECH

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PROJECT NUMBER:

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DRAWN BY: RVF DATE: 2-2-99
CHECKED BY: SS DATE:
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MODTECH Index No.

STRUCTURAL DETAILS

S1.2