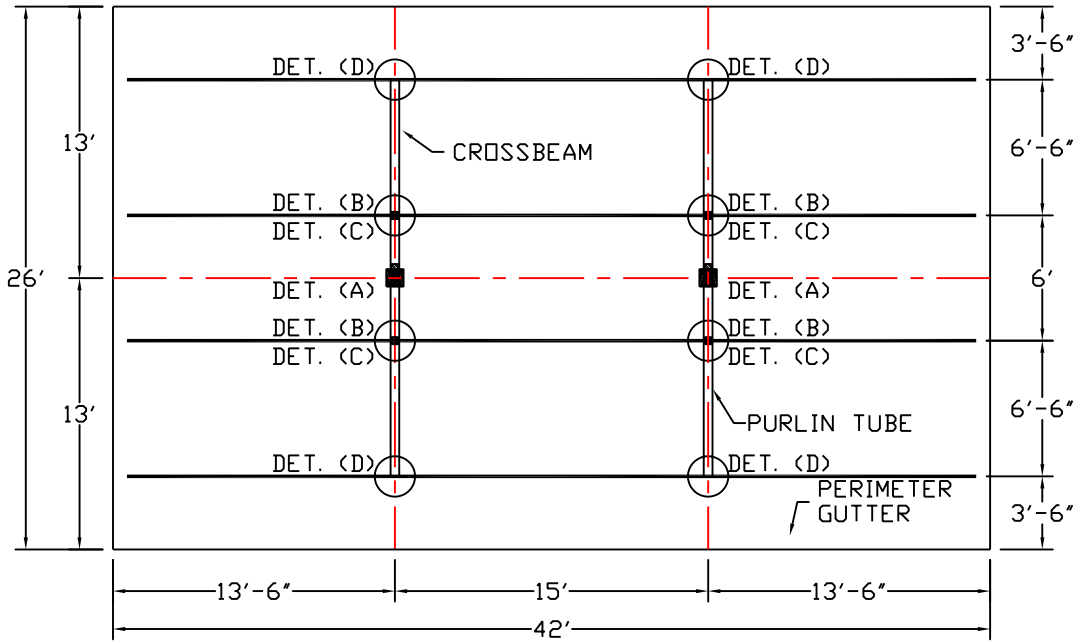
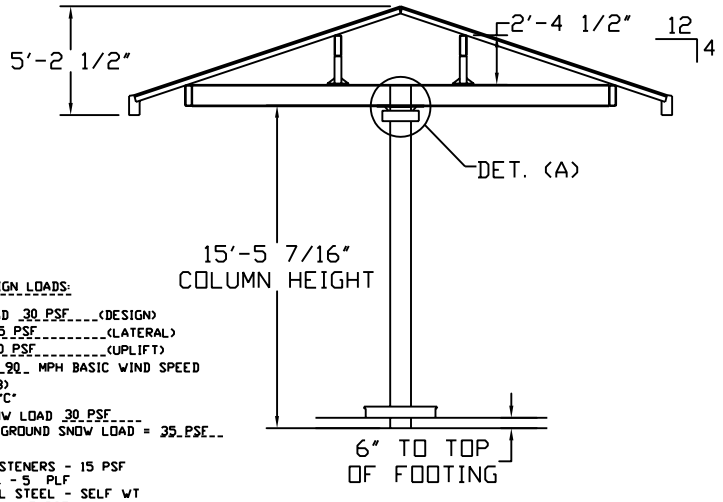
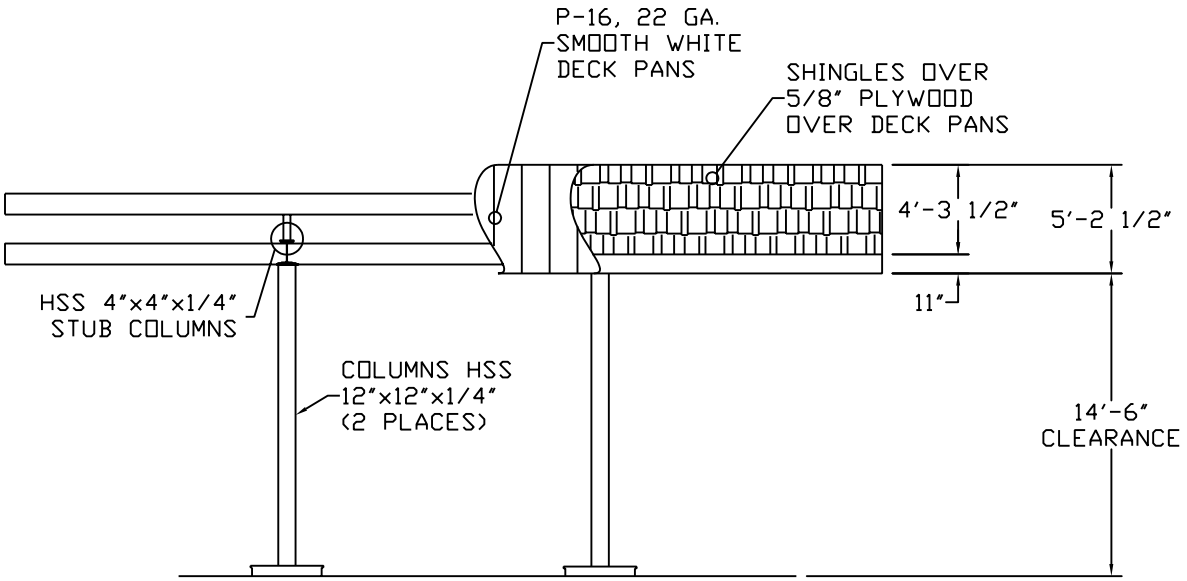




SPECIFIED DESIGN LOADS:

ROOF LIVE LOAD 30 PSF (DESIGN)
WIND LOAD 25 PSF (LATERAL)
20 PSF (UPLIFT)
BASED ON 90 MPH BASIC WIND SPEED
(ASCE 7-98)
EXPOSURE "C"
FLAT ROOF SNOW LOAD 30 PSF
BASED ON GROUND SNOW LOAD = 35 PSF
DEAD LOADS
DECK / FASTENERS - 15 PSF
FASCIA WT. - 5 PLF
STRUCTURAL STEEL - SELF WT
CONCRETE - 145 PCF



STEEL NOTES

1. ALL DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS
2. STRUCTURAL MATERIALS:
   W SECTIONS - ASTM A572 GR 50 (Fy = 50 KSI)
   ANGLES/CHANNELS- ASTM A36 (Fy = 36 KSI)
   TUBE SECTIONS - ASTM A500 GR B (Fy = 46 KSI)
   PLATES - ASTM A36 (Fy = 36 KSI)
   STRUCTURAL BOLTS - ASTM A325
   ANCHOR BOLTS - ASTM A307 OR A36
3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI/AWS D1.1(WITH E70XX ELECTRODES)
4. ALL A325 BOLTS WILL BE TIGHTENED BY THE TURN OF THE NUT METHOD AS FOLLOWS:
   a) ALL BOLTS SHALL BE BROUGHT TO A SNUG TIGHTNESS DEFINED AS THE TIGHTNESS ATTAINED BY THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH
   b) ALL BOLTS IN THE CONNECTION SHALL THEN BE TIGHTENED ADDITIONALLY BY A NUT OR BOLT ROTATION OF 1/2 TURN. DURING THIS OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH.
5. STEEL SHALL BE COATED WITH A RED-OXIDE RUST INHIBITIVE PRIMER
6. STEEL DECK – GALVANIZED (ASTM G60) STEEL WITH 20 YR BAKED ENAMEL FINISH

ENGINEER:
FISHER ENGINEERING
E. Burrell Fisher, P.E.
24 Waverly Place
Little Falls, NY 13365
F.E. #_____
License Number_____

CERTIFICATION:

MANUFACTURING COMPANY:
MOHAWK MANUFACTURING CO. INC.
2175 BEECHGROVE PLACE
UTICA, NY 13501
PHONE: 315-793-3000
FAX: 315-793-9370

DISTRIBUTOR:

SITE LOCATION:

SIZE:
26' X 42' X 2 COLUMN VAULTED CEILING CANOPY

REVISIONS:

DATE	BY	DESCRIPTION
1		
2		
3		

SCALE:	DRAWN BY:	DATE:	DWG NO:
NONE	MAD	8/20/03	03-108

SHEET 1 OF 3