

PRODUCT: MC-1024-01 CANTILEVER

SIZE: 9' X 24' X 10' EH

TYPE: HORIZON SHADE SERIES

ROOF: GALE PACIFIC FABRIC

STRUCTURAL STEEL

1. HOLLOW STRUCTURAL SECTIONS: TO ASTM A500, GRADE C.
2. STRUCTURAL PIPE: TO ASTM A53, GRADE B.
3. PLATES: TO ASTM A572, GRADE 50.
4. STRUCTURAL STEEL DESIGN: TO CSA S16.1.
5. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH CISC SPECIFICATIONS.

FABRIC SPECIFICATION

PERFORMANCE

ASTM D5034

TENSILE STRENGTH AND ELONGATION

MAXIMUM FORCE - WARP (MEAN) 158.6 LBF

ELONGATION AT MAXIMUM FORCE (MEAN) 89%

MAXIMUM FORCE - WEFT (MEAN) 412.3 LBF

ELONGATION AT MAXIMUM FORCE - WARP (MEAN) 49%

ASTM D2261

TEARING STRENGTH - TONGUE (SINGLE RIP)

MEAN FORCE - WARP 39.6 LBF

MEAN FORCE - WEFT 43.0 LBF

ASTM D6797

BURSTING STRENGTH - BALL BURST (CONSTANT RATE OF EXTENSION)

MEAN FORCE 408 LBF

LEAD AND PHTHALATE FREE

AIRCRAFT CABLE

1.- WIRE ROPE CABLE SHALL BE 7x19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 24,054N [6,400 LBS] (6.35MM [1/4"] DIAMETER).

2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

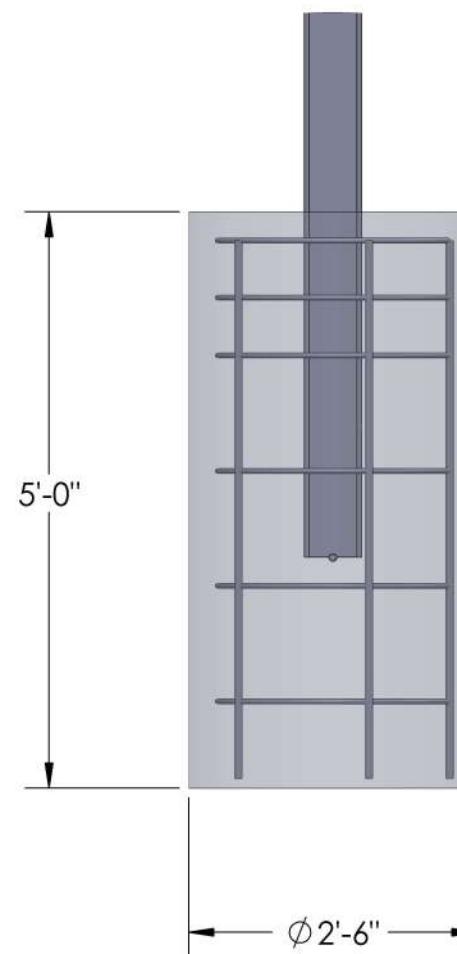
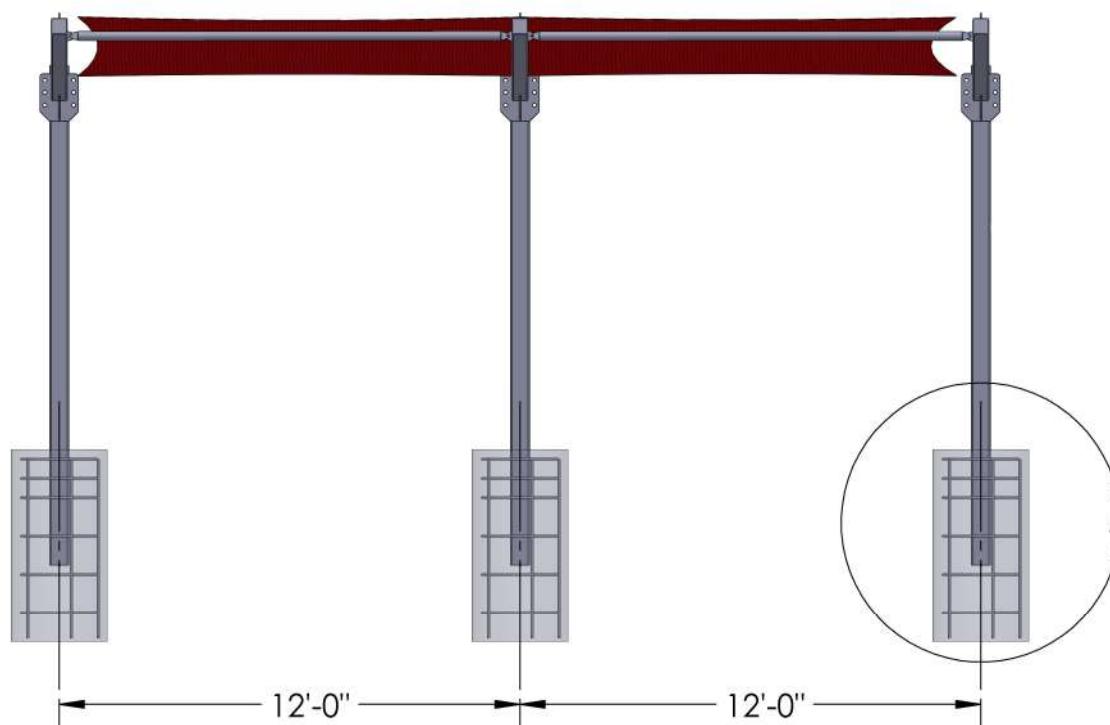
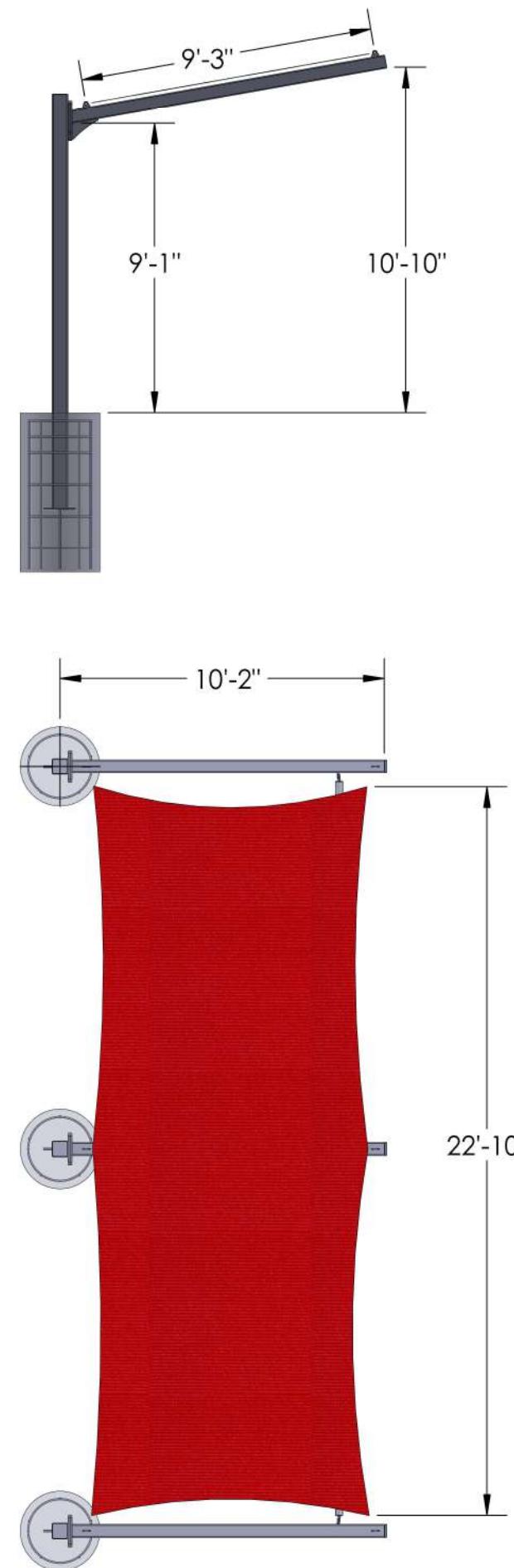
NOTICE

FABRIC TOP NEEDS TO BE REMOVED IF SNOW IS ANTICIPATED

FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 100 KM/H [60 MPH] ARE ANTICIPATED



 SUN SHADE CO.	502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX	GENERAL NOTES
		CHECKED BY:XXXX	
	WWW.SUNSHADECO.COM		SHEET 1 OF 2



 SUN SHADE CO.	502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX	ELEVATIONS
		CHECKED BY:XXXX	
WWW.SUNSHADECO.COM		SHEET 2 OF 2	

