

PRODUCT:	MC-1024-01 CANTILEVER
SIZE:	9' X 24' X 10' EH
TYPE:	HORIZON SHADE SERIES
ROOF:	GALE PACIFIC FABRIC

DRAWING LEVEL: E1



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

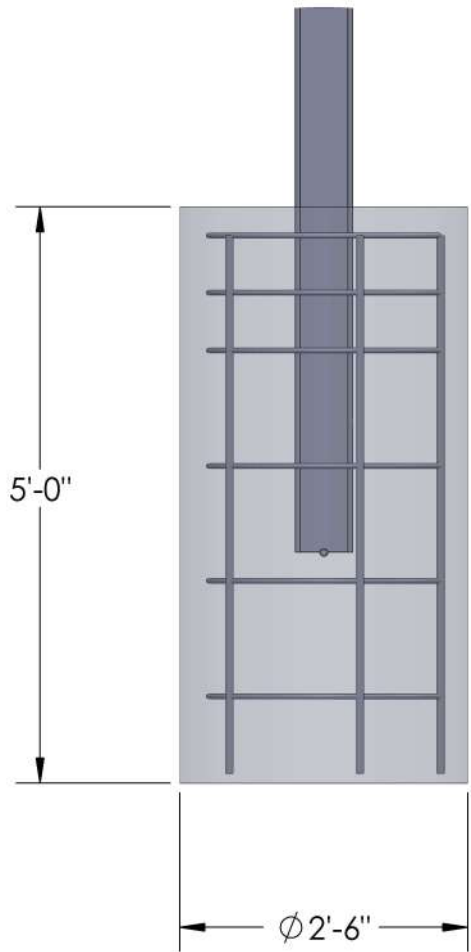
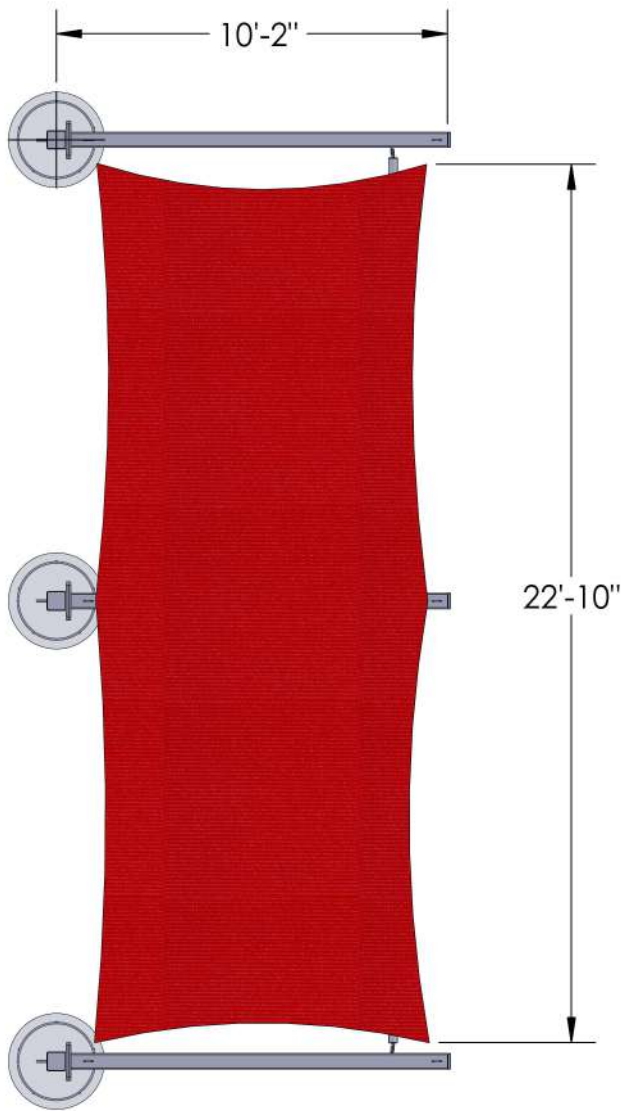
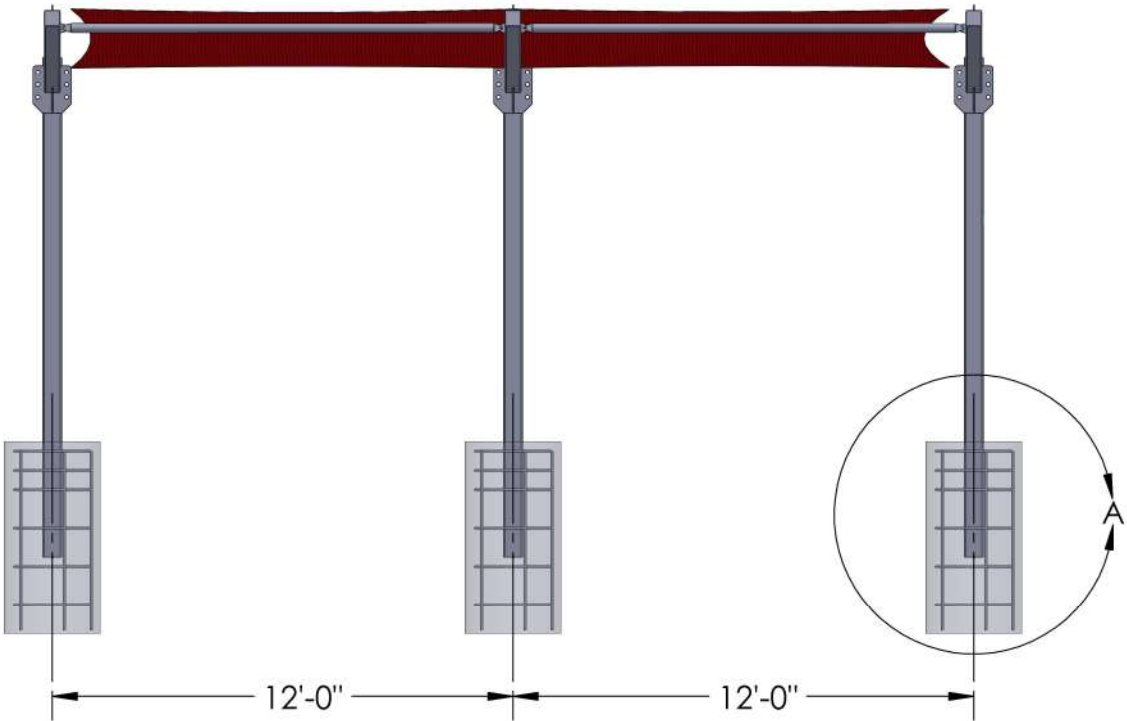
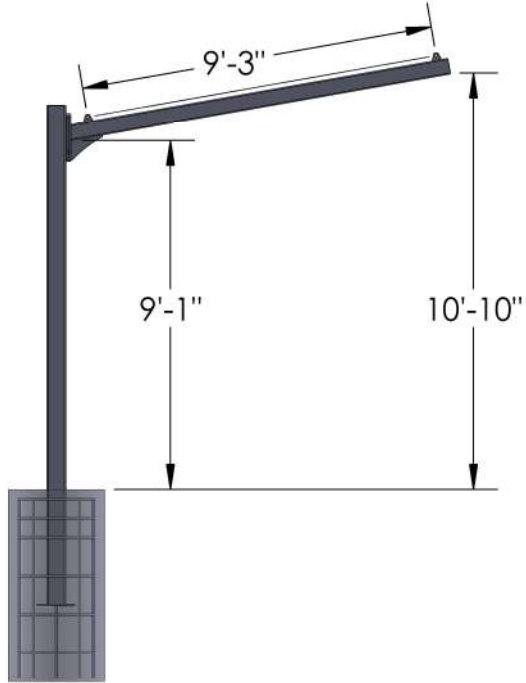
- 1.- WIRE ROPE CABLE SHALL BE 7X19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 24,054N [6,400 LBS] (6.35MM [1/4"] DIAMETER).
- 2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUNT 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

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



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