

PRODUCT: SINGLE POST CANTILEVER

SIZE: 12' X 12' X 8' ENTRY

TYPE: PARASOL 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 23,054N [6,400 LBS] (6.35MM [1/4"] DIAMETER).

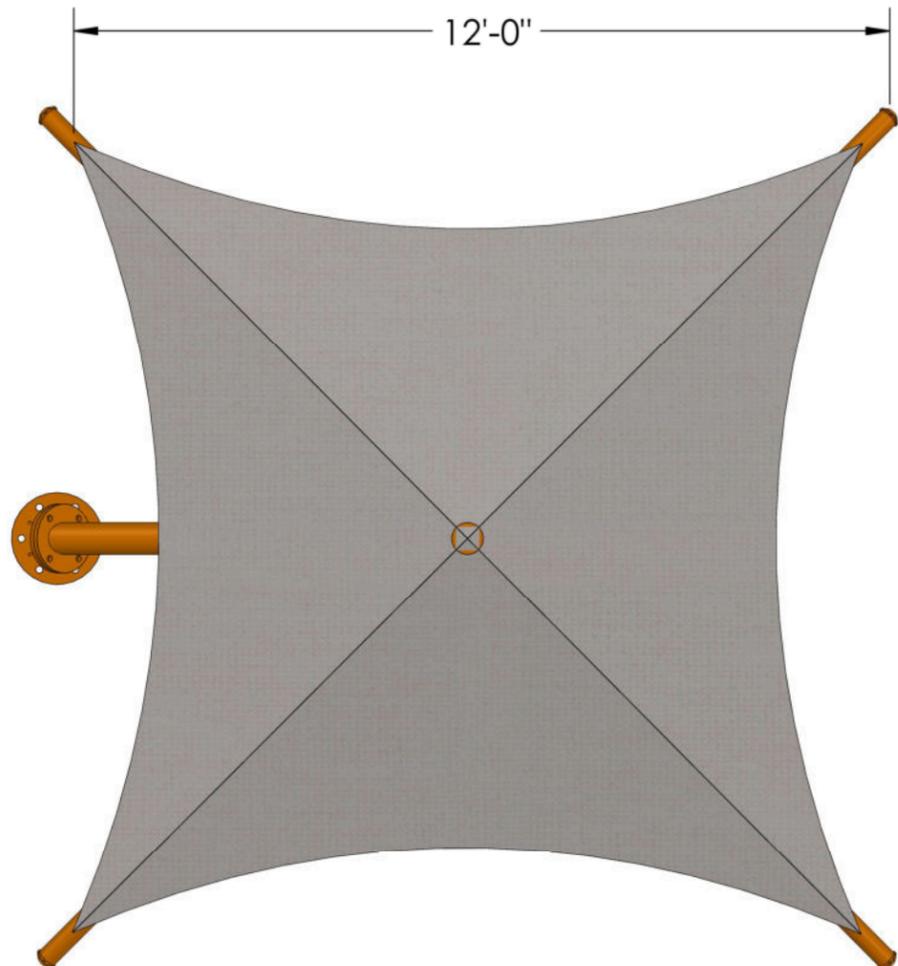
2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUNT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

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

 SUN SHADE CO.		
502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX CHECKED BY: XXXX	GENERAL NOTES
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502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX CHECKED BY: XXXX	ELEVATIONS
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