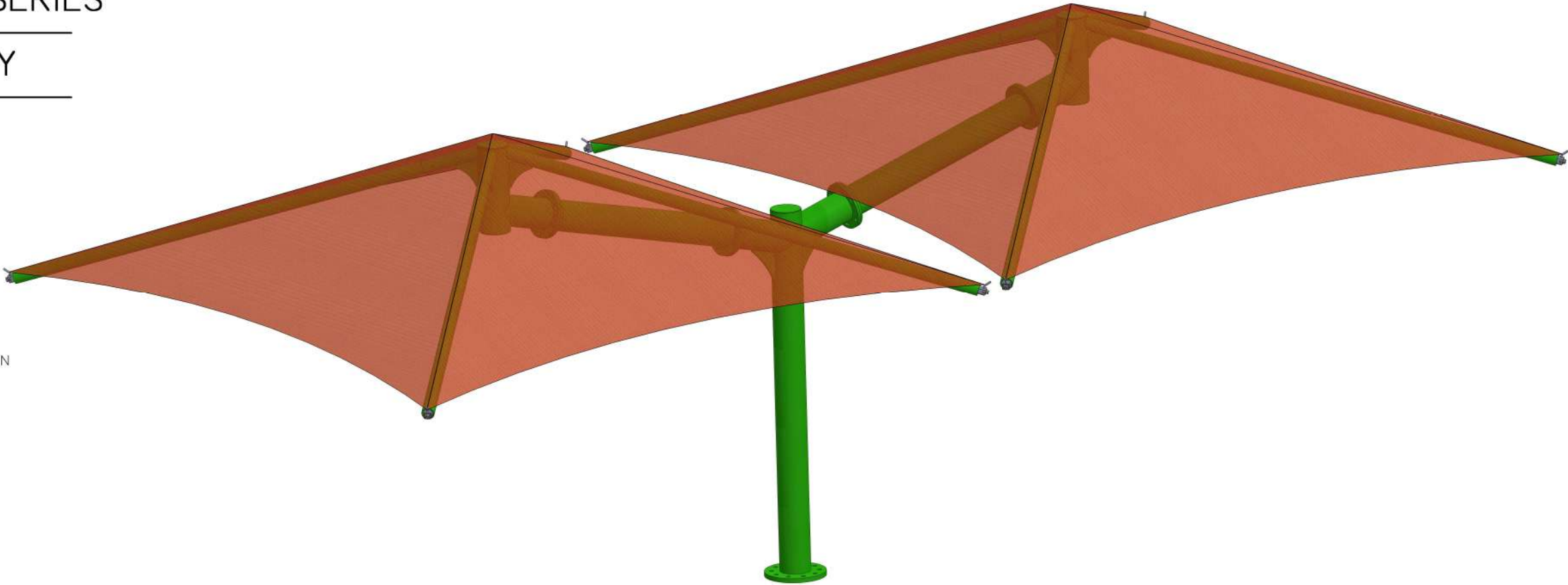


PRODUCT: UM-1616-02 SINGLE POST DUEL UMBRELLA

SIZE: 16' x 16' / 16' x 16' x 8' ENTRY

TYPE: PARASOL SHADE SERIES

ROOF: FABRIC 340 HEAVY



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 64,054N [14,400 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.

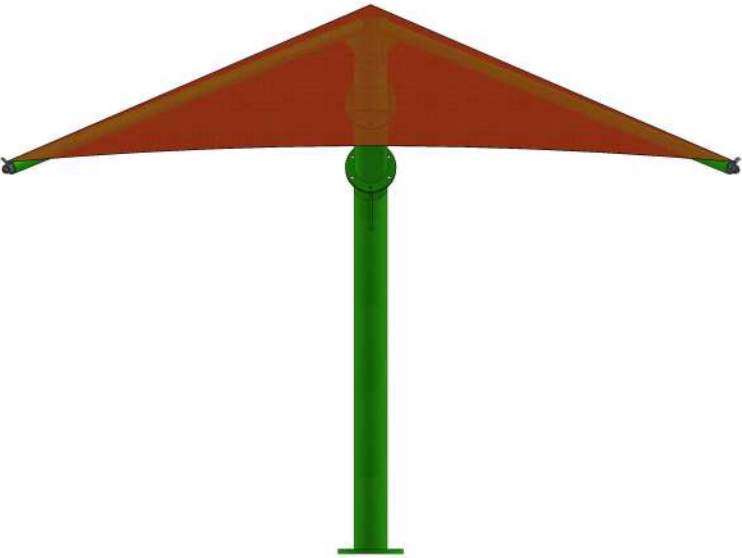
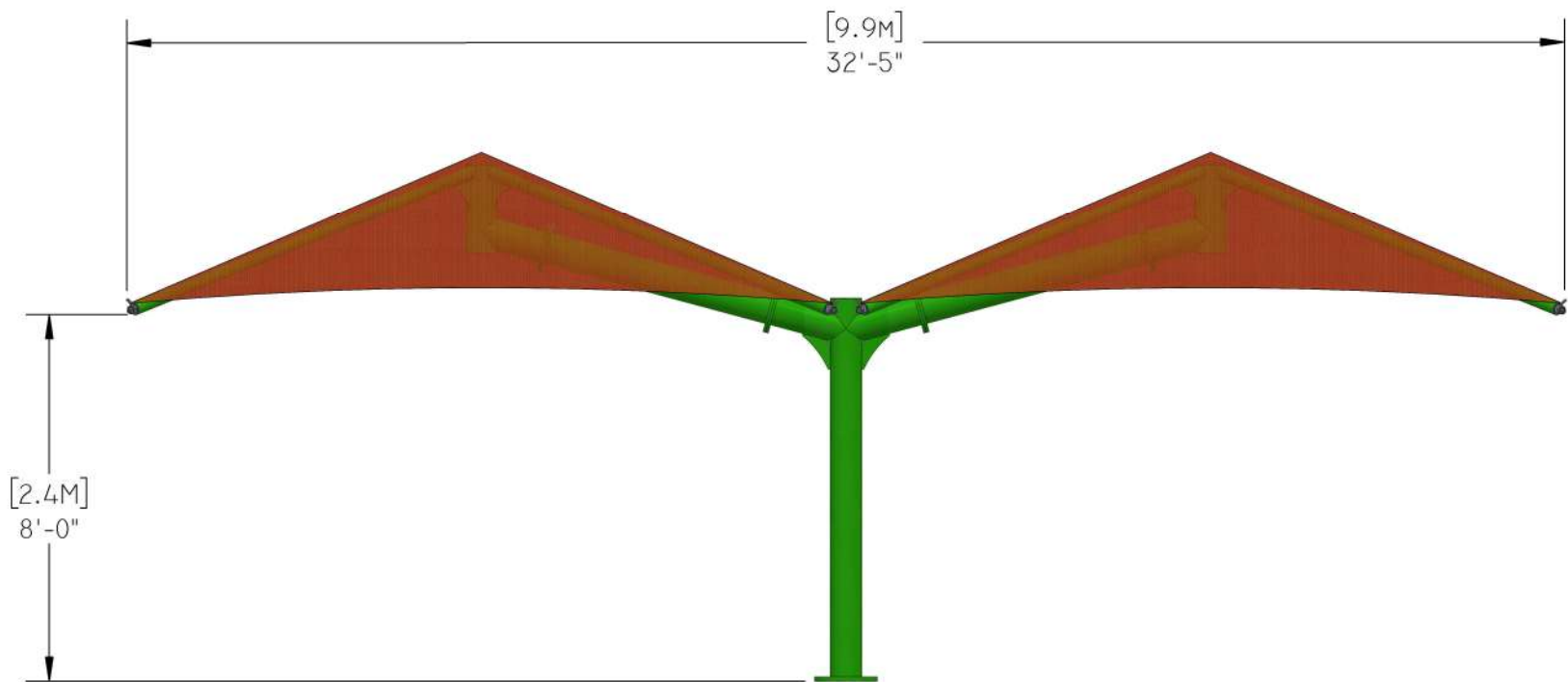
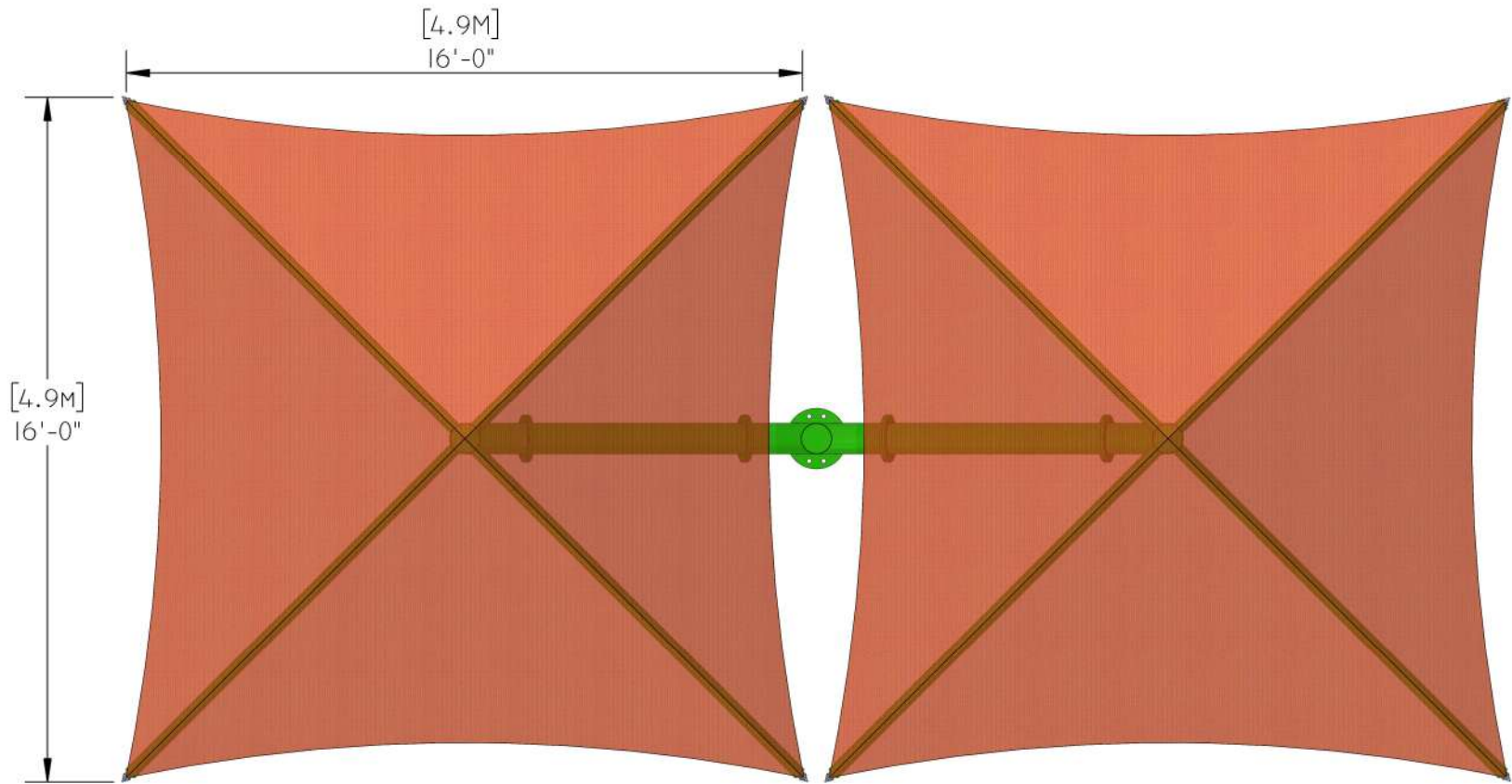
NOTICE

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

- FEATURES:
- OPTIONAL QUICK TENSIONERS
 - SINGLE POST DESIGN
 - FACTORY POWDER COATED FRAME
 - GALE PACIFIC 340 HEAVY FABRIC
 - STAINLESS HARDWARE
 - LOW MAINTENANCE

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