

PRODUCT: MC-1036-01 CANTILEVER

SIZE: 10' X 36' X 9' ENTRY

TYPE: HORIZON SERIES SHADE

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

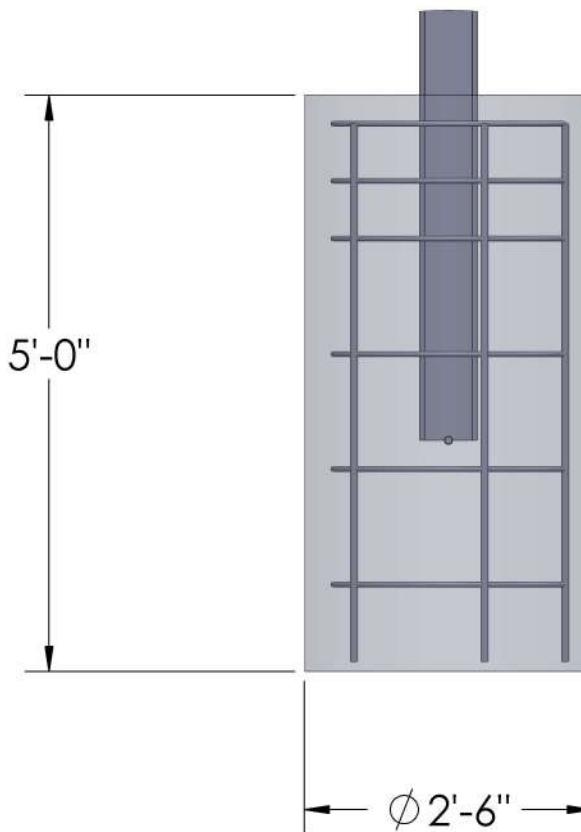
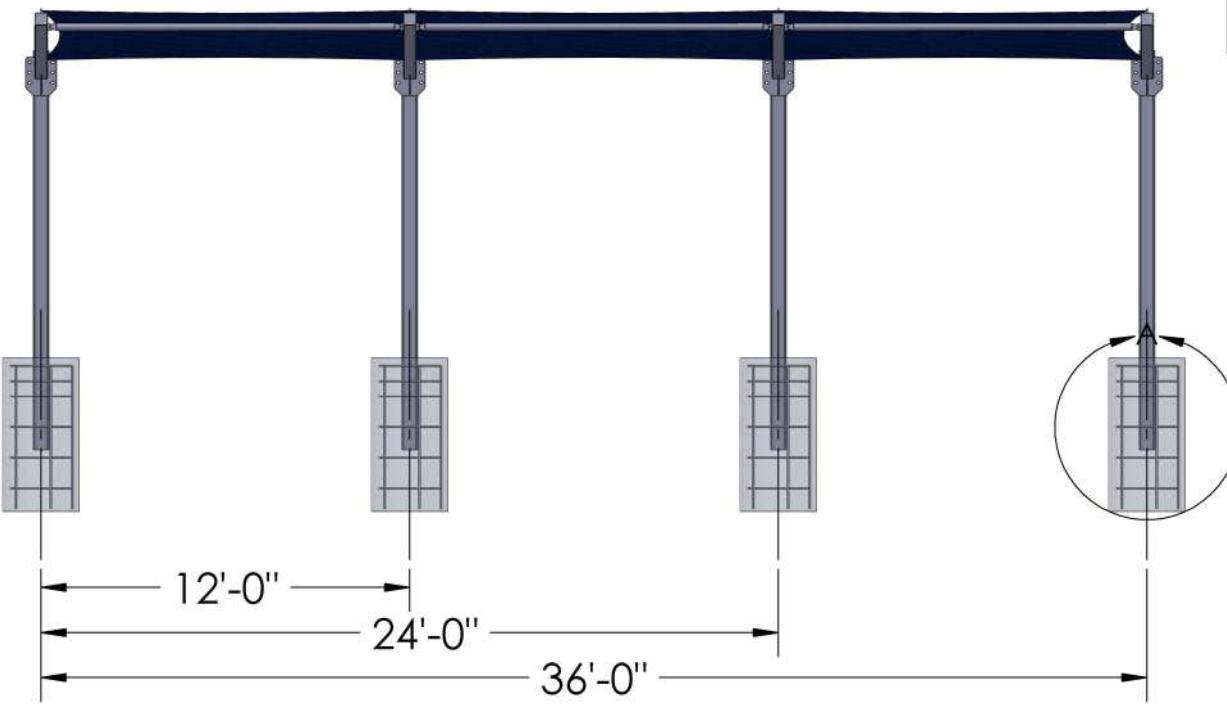
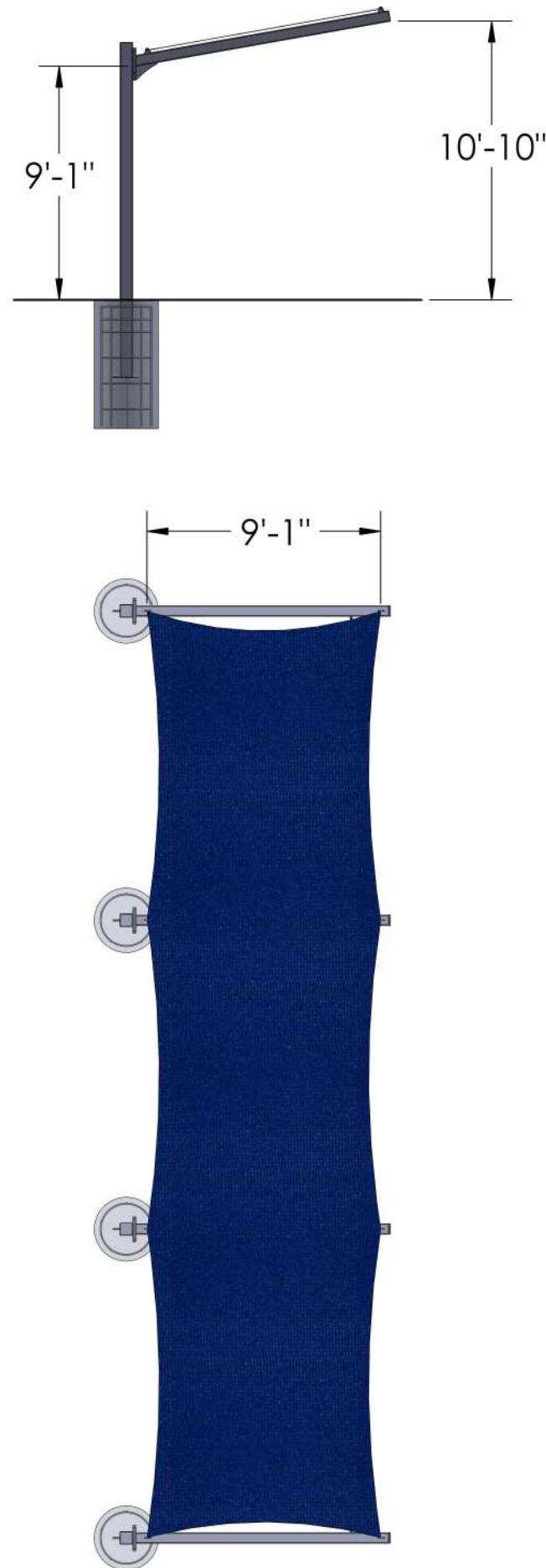
FABRIC TOP NEEDS TO BE REMOVED IF SNOW IS ANTICIPATED

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 CHECKED BY:XXXX
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DRAWING LEVEL: E1



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