

PRODUCT:	MF-1216-01
SIZE:	12' X 16' X 7' ENTRY
TYPE:	MODULAR OUTDOOR CLASSROOM
ROOF:	COMMERCIAL 340 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 28,468N [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.

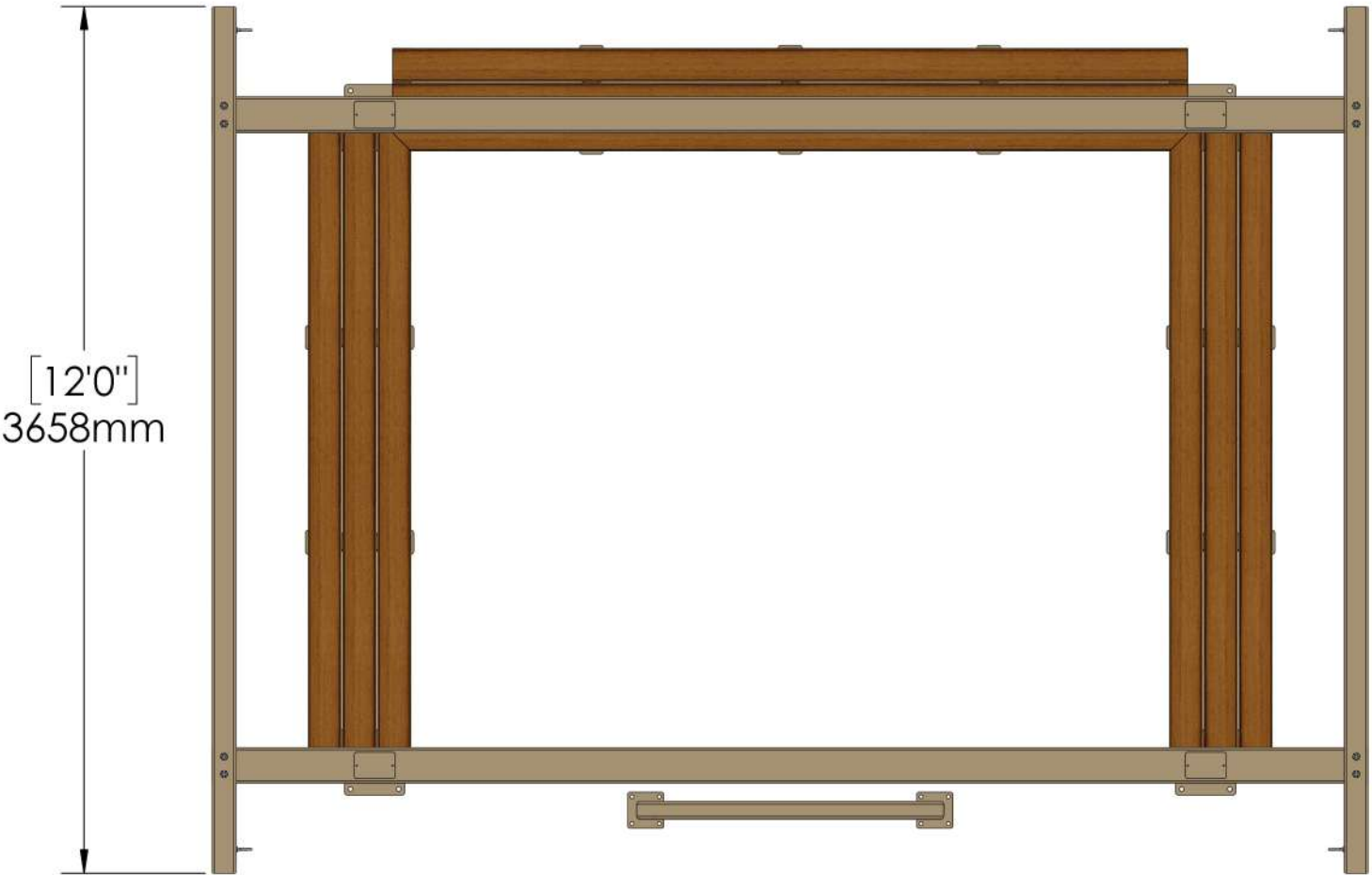
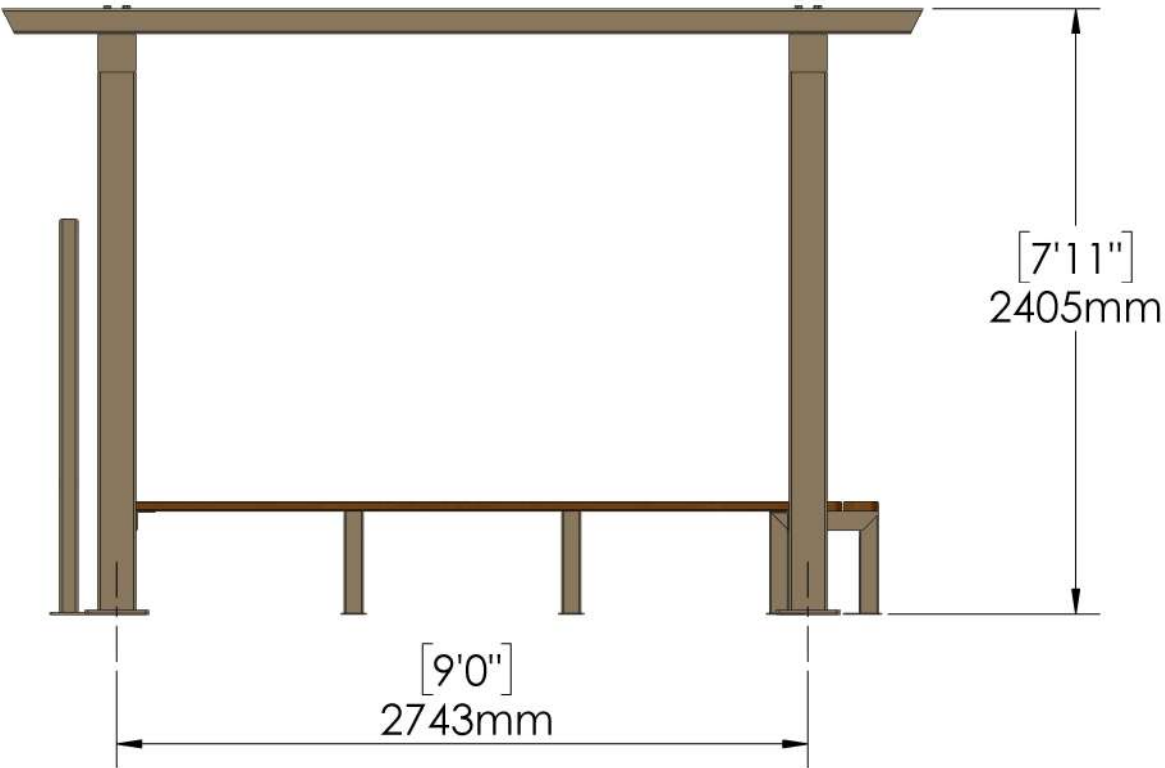
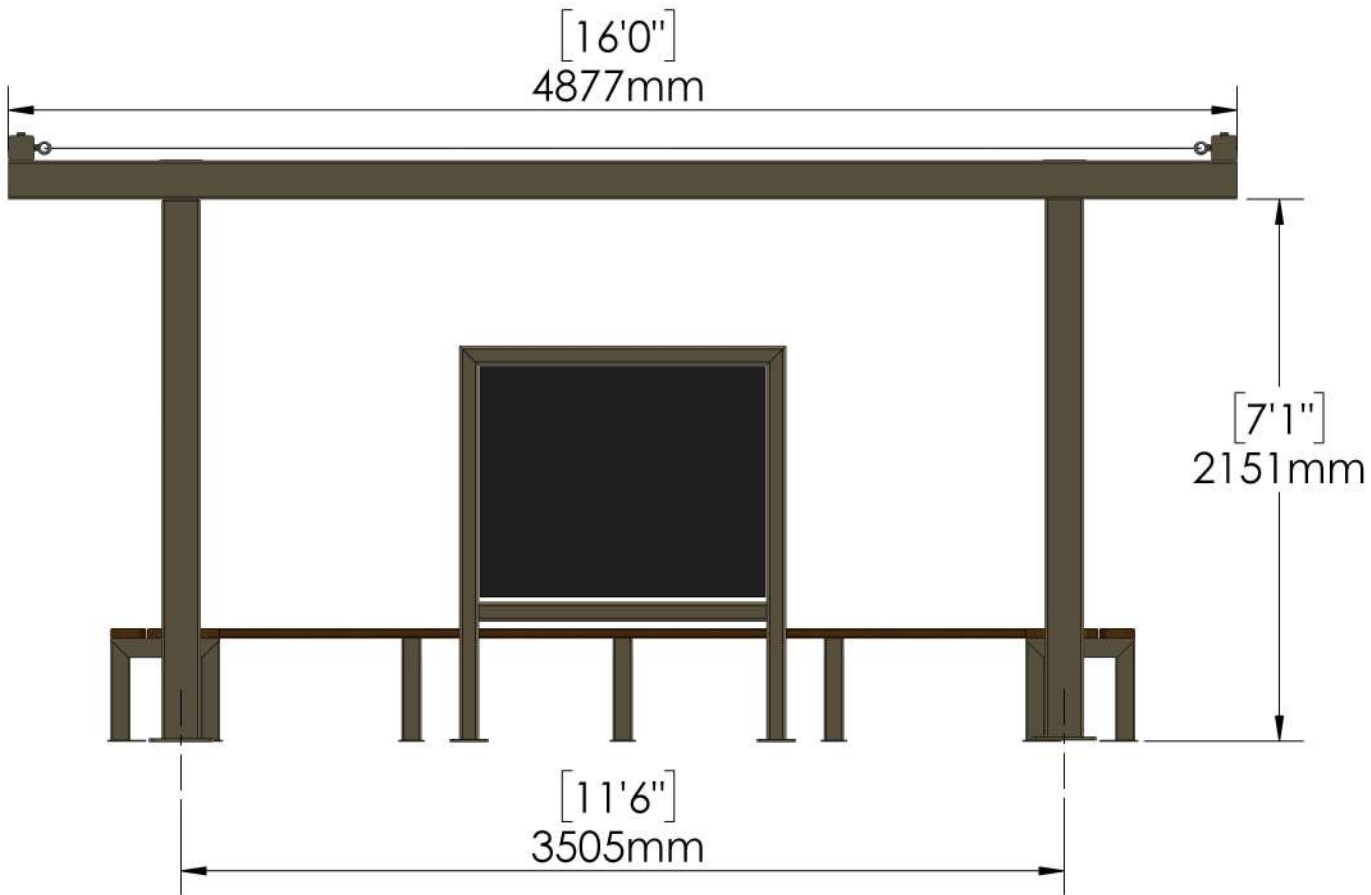
NOTICE

FABRIC TOP NEEDS TO BE REMOVED IF SNOW IS ANTICIPATED

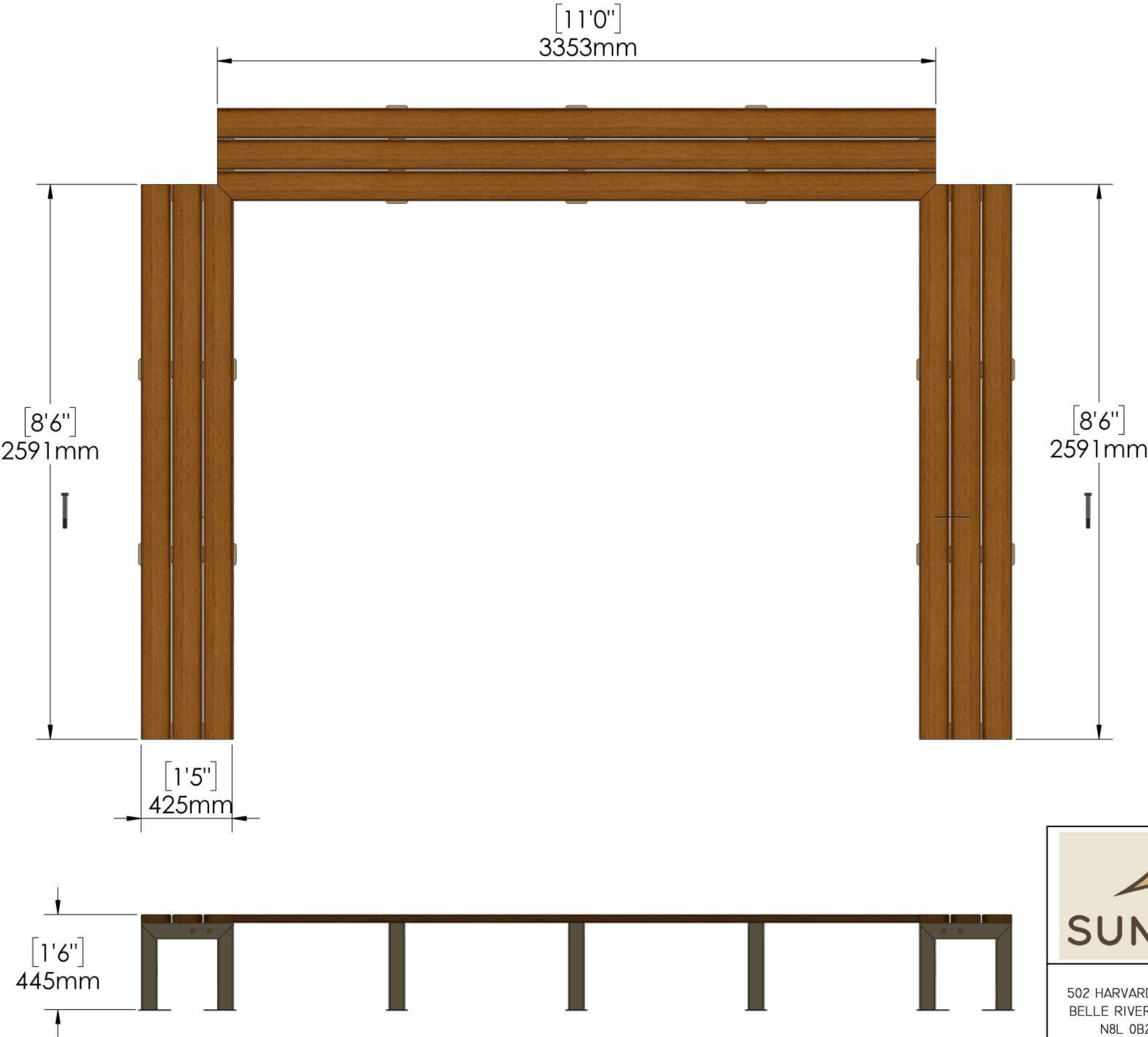
FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 100 KM/H [60 MPH] ARE ANTICIPATED

- FEATURES:
- STANDARD ACRYLIC LEARNING BOARD
 - OPTIONAL CHALK OR WHITEBOARD
 - STANDARD CEDAR BENCHES 28 LINEAR FOOT
 - OPTIONAL IPE BENCHES
 - MOUNTING TO EXISTING 6" SLAB, NO FOOTINGS REQUIRED
 - FACTORY POWDER COATED FRAME
 - HIDDEN STRUCTURAL FASTENERS
 - LOW MAINTENANCE

502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX CHECKED BY:XXXX	GENERAL NOTES
WWW.SUNSHADECO.COM		SHEET 1 OF 3



 SUN SHADE CO.		
502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX CHECKED BY: XXXX	ELEVATIONS
WWW.SUNSHADECO.COM		SHEET 2 OF 3



 SUN SHADE CO.		
502 HARVARD DR. BELLE RIVER, ON N8L 0B2	DRWN BY: XXXX CHECKED BY:XXXX	BENCH LAYOUT
WWW.SUNSHADECO.COM		SHEET 3 OF 3