

ALL ITEMS THIS SHEET PROVIDED & INSTALLED BY CANOPY MANUFACTURER.

**LANE SUPPLY, INC.**  
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SEAL  
 GEORGIA REGISTERED PROFESSIONAL ENGINEER  
 RICHARD D. MCGEE  
 JAN 17 2018

NO.	DATE	REVISIONS	DRAWN/CHK'D

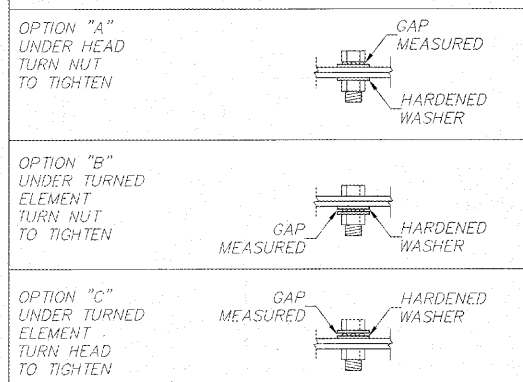
**FI CANOPY LAYOUT**

**GENERAL NOTES**

STRUCTURAL STEEL SHALL MEET THE AISC 2011 SPECIFICATION 14TH EDITION AND THE AISC CODE OF STANDARD PRACTICE, 2011  
 COLUMNS TO BE ASTM A500, GRADE B  
 BOLTS TO BE ASTM A325 OR ASTM F1852 (A325-TC)  
 INSTALLATION OF BOLTS MUST CONSIST OF ONE OF THE FOLLOWING:  
 1. TURN OF THE NUT METHOD:  
 A.) BOLTS SHALL BE BROUGHT TO A SNUG TIGHT CONDITION-DEFINED AS THE CONDITION THAT EXISTS WHEN ALL OF THE PLIES IN A CONNECTION HAVE BEEN PULLED INTO FIRM CONTACT BY THE BOLTS IN THE JOINT AND ALL OF THE BOLTS IN THE JOINT HAVE BEEN TIGHTENED SUFFICIENTLY TO PREVENT THE REMOVAL OF THE NUT WITHOUT THE USE OF A WRENCH.  
 B.) MARK NUT AND WASHER THEN TURN NUT AS FOLLOWS:  
 UP TO 3 IN. LENGTH = 1/3 TURN  
 UP TO 6 IN. LENGTH = 1/2 TURN  
 2. LOAD INDICATING WASHER:  
 A.) SEE DETAIL COMPRESSION WASHER SPECIFICATION  
 3. TWIST-OFF BOLTS:  
 A.) ALL BOLTS SHALL HAVE A HARDENED WASHER UNDER THE NUT  
 B.) ALL BOLTS IN THE ASSEMBLY SHALL BE BROUGHT TO THE SNUG TIGHT CONDITION PRIOR TO TWISTING OFF THE LINE  
 C.) ALL BOLTS IN THE JOINT SHALL BE PREVENTED WITH THE TWIST-OFF-TYPE TENSILE CONTROL BOLT INSTALLATION WRENCH SEVERING THE SPLINE  
 WIDE FLANGE BEAMS TO BE ASTM A992  
 ANGLES, & PLATES TO BE ASTM A36  
 REINFORCING BARS TO BE ASTM A603, GRADE 60  
 DECK PANELS TO BE ASTM A553, 1/2" MINIMUM  
 WELD FIBER METAL SHALL MEET THE MINIMUM CHАРPY V-NOTCH REQUIREMENT OF 20 FT. AT OF WEAVING SHALL MEET THE REQUIREMENTS OF THE AWS FOR BUILDING CONSTRUCTION USING E70XX ELECTRODES  
 ALL STRUCTURAL STEEL TO BE PAINTED WITH ONE SHOP COAT PRIMER  
 CANOPY MANUFACTURER SHALL BE AISC CERTIFIED

- ERECTOR'S NOTES**
- REFERENCE SEALANT SCHEDULE FOR ALL APPLICATIONS
  - SEAL ALL JOINTS WITH SMOOTH, CLEAN APPLICATION
  - APPLY SOUDASEAL FC CAULK AROUND THE COLUMNS ON THE TOP SIDE AFTER ALCOHOL PREP OF THE COLUMN & BOTTOM SIDE AFTER CAULKING.
  - DECK PANELS AND TRIM WILL BE WIPED CLEAN AFTER INSTALLATION
  - ALL TRASH AND EXTRA MATERIALS WILL BE HAULED OFF JOBSITE
  - MEET WITH GENERAL CONTRACTOR FOR DRAIN ORIENTATION
  - INSTALL ONLY CUSTOMER FURNISHED LOVES LIT FASCIA ON (2) 45' ENDS AND (ONE) 125'-8" FRONT.
  - FURNISH & INSTALL 48" HIGH, 3MM LOVE'S YELLOW ACM FASCIA WITH WAVE DECAL, (ONE) LOVE'S LETTER SET & (ONE) LOVE'S QUAD HEART ON (ONE) 125'-8" STORE SIDE ELEVATION.
  - FURNISH CONDUIT FOR COLUMNS AS FOLLOWS: (3) 1" CONDUITS IN "A", "C", "E" & "G". (SEE CUSTOMER DRAWINGS FOR DETAILS).
  - INSTALL ONLY (24) CUSTOMER FURNISHED LED LIGHTS.
- \* TOPS OF (4) COLUMN'S AT BUILDING SIDE TO BE 1" HIGHER THAN COLUMNS AT STREET SIDE  
 \*\*EXCLUDES: PAINTING OF COLUMNS, FOOTINGS, SIGNS, ELECTRICAL, PERMITS, INSPECTIONS, UNION LABOR, DECK LIGHT FIXTURES, AND ITEMS NOT LISTED ABOVE.

SEALANT SCHEDULE	
SEALANT	APPLICATION
TITEBOND WHITE	GUTTER TO DECK, BOTH SIDES OF LEADER GUTTER
TITEBOND WHITE	BOTTOM COLUMN SEALANT @ DECK
SOUDASEAL FC	GUTTER JOINT, GUTTER CLEAT
SOUDASEAL FC	ALUMINUM DROPOUT, PVC TO COLUMN (T&B)
SOUDASEAL FC	TOP COLUMN SEALANT @ DECK
TITEBOND BLACK	TOP TRIM TO PANAFLEX



**INSTALLATION NOTES:** (FOR WASHERS WITH PLAIN FINISH)  
 1. FLAT FACE OF COMPRESSIBLE WASHER MUST BE PLACED AGAINST ASSEMBLED PARTS.  
 2. AFTER BOLTS ARE FULLY TIGHTENED, GAP MUST BE NO MORE THAN .015" FOR OPTION "A" & .005" FOR OPTIONS "B" AND "C".

**DESIGN LOADS:**  
 DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) + WEIGHT OF STRUCTURAL COMPONENTS  
 LIVE LOAD = 20 p.s.f.  
 V, ULT = 116 m.p.h. EXP. C  
 V, ASD = 90 m.p.h. EXP. C  
 BLDG CODE = 2012 INTERNATIONAL BUILDING CODE W/ 2014.15.17.18  
 EQUIVALENT LATERAL FORCE PROCEDURE  
 LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME  
 SITE CLASS = D  
 Ss (0.2) = 0.353  
 S1 (1.0) = 0.117  
 SDS = 0.36  
 SD1 = 0.18  
 Fa = 1.52  
 Fv = 2.33  
 R = 1.25  
 IMPORTANCE FACTOR = 1.0  
 RISK CATEGORY = II  
 SEISMIC DESIGN CATEGORY = C  
 CS = 0.286  
 CONSTRUCTION TYPE = IIB  
 RISK CATEGORY = M  
 TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 11.77 KIPS

**AI GENERAL NOTES**

**A6 ERECTOR'S NOTES**

**A11 COMPRESSION WASHER SPECIFICATION**

**A14 DESIGN LOADS**

LOVES COUNTRY STORES  
 LOVES #735 GAS  
 1-75 @ EXIT 310  
 CALHOUN, GA  
 43'-11" X 123'-8" CANOPY

SHEET TITLE  
**CAR**  
**ERI OF 4**