
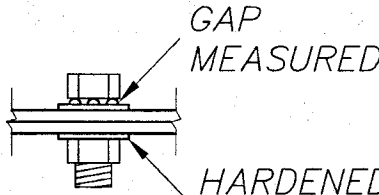
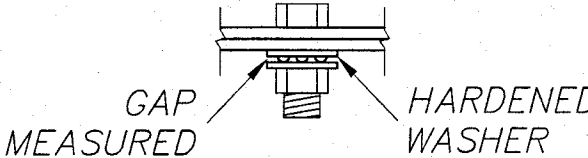
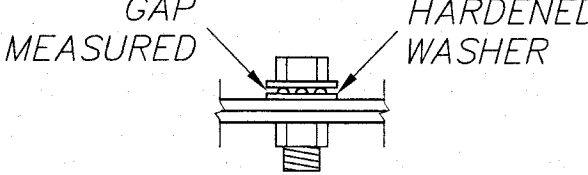


FI		CANOPY LAYOUT																				
N.T.S.		.																				
F	STRUCTURAL STEEL SHALL MEET THE AISC 2017 SPECIFICATION 15TH EDITION AND THE AISC CODE OF STANDARD PRACTICE, CURRENT VERSION COLUMNS TO BE ASTM A500, GRADE B BOLTS TO BE ASTM A325 OR ASTM F1852 (A325-TC) INSTALLATION OF BOLTS MUST 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 NUTS 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 SPLINE(S). C.) ALL BOLTS IN THE JOINT SHALL BE PRETENSIONED WITH THE TWIST-OFF-TYPE TENSION-CONTROL BOLT INSTALLATION WRENCH SEVERING THE SPLINE WIDE FLANGE BEAMS TO BE ASTM A992 ANGLES, & PLATES TO BE ASTM A36 REINFORCING STEEL TO BE ASTM 615, GRADE 60 DECK PANELS TO BE ASTM 653, GRADE C MINIMUM WELD FILLER METALS SHALL MEET THE MINIMUM CHARPY V-NOTCH REQUIREMENT OF 20 FT-LB AT 0°F WELDING 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 FABRICATOR SHALL BE AISC CERTIFIED LANE SUPPLY INC. IS AN AISC CERTIFIED FABRICATOR (AISC C-00020463)		1. REFERENCE SEALANT SCHEDULE FOR ALL APPLICATIONS 2. SEAL ALL JOINTS WITH A SMOOTH, CLEAN APPLICATION 3. APPLY Soudaseal FC CAULK AROUND THE COLUMNS ON THE TOP SIDE AFTER ALCOHOL PREP OF THE COLUMN & BOTTOM SIDE HAS BEEN CAULKED. 4. DECK PANELS AND TRIM WILL BE WIPED CLEAN AFTER INSTALLATION 5. ALL TRASH AND EXTRA MATERIALS WILL BE HAULED OFF JOBSITE 6. CHECK WITH GENERAL CONTRACTOR FOR DRAIN ORIENTATION 7. TAKE DOWN/HAUL OFF 141 L.F. FRAMING, GUTTER AND (34) DECK PANS TO ALLOW FOR ADDITION & MODIFICATIONS. 8. TAKE DOWN/REUSE (ONE) 38' HEADER & (5) 45' PURLINS OVER EXISTING R.V. ISLAND. 9. FURN/INSTALL (4) NEW COLUMNS, (ONE) HEADER, (5) NEW PURLINS & REINSTALL EXISTING 38' HEADER & (5) 45' MODIFIED PURLINS ABOVE NEW R.V. ISLAND. 10. FURN/INSTALL (3) 1"Ø CONDUITS IN COLUMN "A" & "C". (SEE CUSTOMER DRAWINGS) 11. INSTALL NEW DECK, GUTTER & FRAMING FOR NEW ADDITION. 12. INSTALL APPROX. 34' OF NEW CUSTOMER FURNISHED LIT BOXES ON FRONT & REAR OF NEW ADDITION. REINSTALL 48' OF EXISTING LIT BOXES ON FRONT, REAR ELEVATION & ON 45' END ADDITION. 13. INSTALL 192' OF NEW PANAFLEX GRAPHICS ON FRONT, REAR & 45' ON END ADDITION. 14. FURN/INSTALL ONLY (15) LSI CRUS WHO LED CANOPY LIGHTS. 15. FLORIDA CONTRACTOR'S LICENSE #CB C052997 ** TOPS OF (2) COLUMN'S AT BUILDING SIDE TO BE 1" HIGHER THAN COLUMNS AT STREET SIDE **EXCLUDES: PAINTING OF COLUMNS, LOVE'S LIT FASCIA SYSTEM, ALL ELECTRICAL WORK ALL PERMITS, INSPECTIONS & ANY ITEMS NOT LISTED ABOVE.		<div><div>OPTION "A" UNDER HEAD TURN NUT TO TIGHTEN</div></div> <div><div>OPTION "B" UNDER TURNED ELEMENT TURN NUT TO TIGHTEN</div></div> <div><div>OPTION "C" UNDER TURNED ELEMENT TURN HEAD TO TIGHTEN</div></div> <div>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".</div>		DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) + WEIGHT OF STRUCTURAL COMPONENTS LIVE LOAD = 20 p.s.f V, ULT = 120 m.p.h. EXP. C V, ASD = 93 m.p.h. EXP. C BLDG CODE = 2020 FLORIDA BUILDING CODE/2018 I.B.C. EQUIVALENT LATERAL FORCE PROCEDURE LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME SITE CLASS = D Ss (0.2) = 0.086 S1 (1.0) = 0.051 Fa = 1.60 Fv = 2.40 SD1 = 0.08 SDS = 0.09 R = 1.25 SEISMIC IMPORTANCE FACTOR = 1.0 OCCUPANCY CATEGORY = II SEISMIC DESIGN CATEGORY = B CS = 0.073 CONSTRUCTION TYPE = IIB OCCUPANCY CATEGORY = M ADDITIONAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 1.55 KIPS															
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D																						
C																						
B			<table><tr><th colspan="2">SEALANT SCHEDULE</th></tr><tr><th>SEALANT</th><th>APPLICATION</th></tr><tr><td>TITE BOND WHITE</td><td>GUTTER TO DECK,BOTH SIDES OF LEADER GUTTER</td></tr><tr><td>TITE BOND WHITE</td><td>BOTTOM COLUMN SEALANT @ DECK</td></tr><tr><td>Soudaseal FC</td><td>GUTTER JOINT, GUTTER CLEAT</td></tr><tr><td>Soudaseal FC</td><td>ALUMINUM DROPOUT, PVC TO COLUMN (T&B)</td></tr><tr><td>Soudaseal FC</td><td>TOP COLUMN SEALANT @ DECK</td></tr><tr><td>TITE BOND BLACK</td><td>TOP TRIM TO PANAFLEX</td></tr></table>		SEALANT SCHEDULE		SEALANT	APPLICATION	TITE BOND WHITE	GUTTER TO DECK,BOTH SIDES OF LEADER GUTTER	TITE BOND 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	TITE BOND BLACK	TOP TRIM TO PANAFLEX		
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