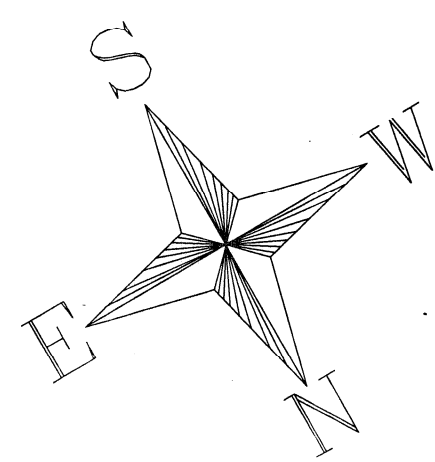


[illegible][illegible]

DATE: 2/24/2014

CIRCLE K STORES, INC.
CIRCLE K FUEL CANOPY
WEST PECAN STREET & SARAH'S CREEK DRIVE
PFLUGERVILLE, TX
42'-10" X 150'-2" CANOPY

CA - 3

[illegible]

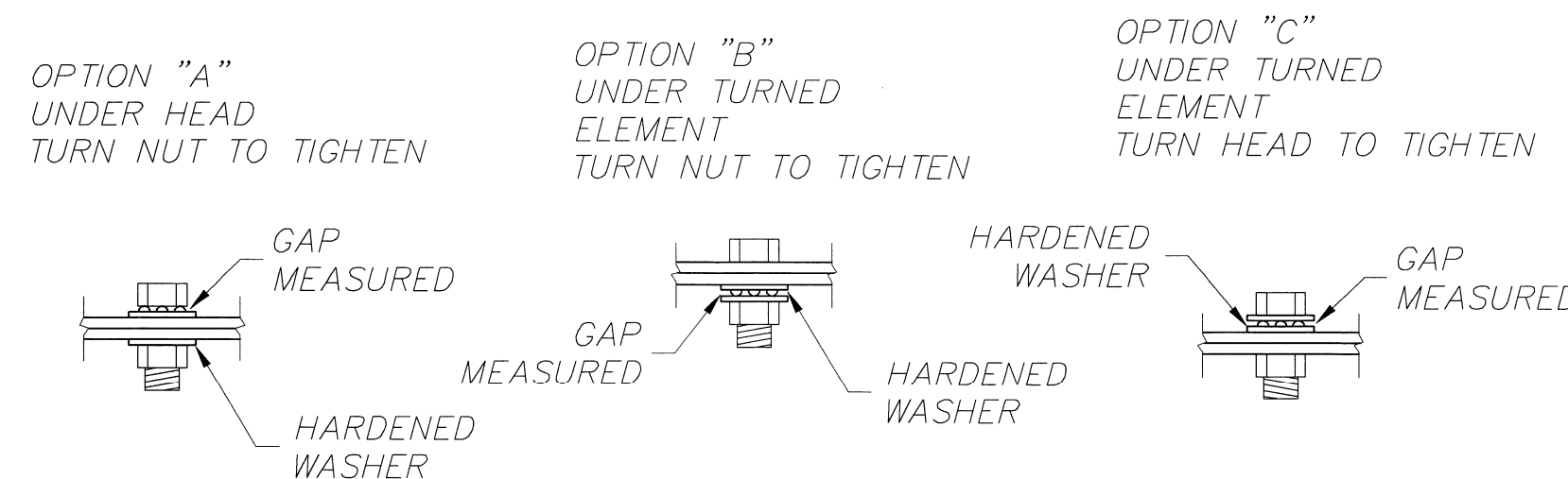
CANOPY LAYOUT
SCALE: NONE

NOTE: DECK LIGHTS TO BE AT SITE PRIOR TO CANOPY INSTALLATION.

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
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 TO BE AISC CERTIFIED

<u>SEALANT SCHEDULE</u>	
<u>SEALANT</u>	<u>APPLICATION</u>
SILICONE CAULK	GUTTER TO DECK & BOTH SIDES OF LEADER GUTTER
BUTYL CAULK	PAINTABLE
SODASEAL FC	GUTTER JOINTS, TOP COLUMN
SODASEAL FC	GUTTER CLEAT
SODASEAL FC	ALUMINUM DROPOUT
SODASEAL FC	PVC TO COLUMN (T&B)
SODASEAL FC	LARGE GAPS

DEAD LOAD = 3 P.S.F.(DECK + LIGHTS) +
WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 P.S.F.
WIND LOAD $V_{ULT} = 115$ M.P.H. EXP. C
WIND LOAD $V_{ASD} = 89$ M.P.H. EXP. C
BLDG CODE = 2012 IBC
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN
SYSTEM-ORDINARY STEEL MOMENT FRAME
SITE CLASS = D
SS (0.2) = 0.06
SI (1.0) = 0.04
SDS = 0.07
SD1 = 0.06
FA = 1.60
FV = 2.40
R = 1.25
IMPORTANCE FACTOR = 1.0
RISK CATEGORY = II
SEISMIC DESIGN CATEGORY = A
CS = 0.055
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 2.4 KIPS



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".

COMPRESSION WASHER SPECIFICATION