



**DESIGN LOADS:**

DEAD LOAD = 3 P.S.F.(DECK + LIGHTS) + WEIGHT OF STRUCTURAL COMPONENTS

LIVE LOAD = 20 P.S.F.

WIND LOAD V<sub>ULT</sub> = 115 M.P.H. EXP. C

WIND LOAD V<sub>ASD</sub> = 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

S1 (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

**LANE SUPPLY, INC.**  
120 FAIRVIEW  
ARLINGTON, TX. 76010  
(817) 261-9116

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**RICHARD D. MCCASKEY**  
85870  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF TEXAS

FEB 28 2014

Lane Supply, Inc.  
Texas Registered Engineering Firm  
P00458  
120 Fairview  
Arlington, TX 76010

NO.	DATE	REVISIONS	CHK'D
0	2/28/2014	PERMIT/BID SET	JH

LSC: 51507

DRAWN BY: JH

CHECKED BY:

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

**SHEET TITLE**

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