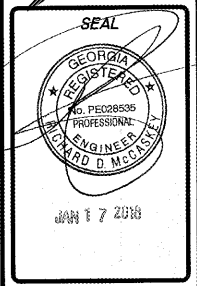


**LANE SUPPLY INC.**  
 1207 ANNEW  
 TON, TN 37610  
 (615) 261-9...



NO.	DATE	REVISIONS	DRAWN	CHK'D

LSC: **60103**  
 DRAWN BY: **NP**  
 CHECKED BY:  
 DATE: **01/15/18**

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

SHEET TITLE  
**CAR**  
**ABI OF 2**

**FI COLUMN AND FOOTING LOCATIONS**

- N.T.S.**
- ALL FOUNDATION WORK BY OTHERS AND SUBJECT TO LOCAL APPROVAL.
  - THE FOUNDATION DESIGN IS BASED UPON SECTION 1807.3.2.2-- 2012 I.B.C. EDITION. THE DESIGN CRITERIA IS BASED ON GEOTECHNICAL SOILS REPORT PREPARED BY: TERRACON CONSULTANTS INC. TERRACON PROJECT NO. 49175005 DATED: MARCH 2, 2017: SITE CLASS D, SOIL BEARING CAPACITY OF 2500 p.s.f. AND A PASSIVE SOIL PRESSURE OF 145 p.s.f. PER FOOT OF DEPTH.
  - DRILLED SHAFT FOOTINGS SHALL BE INSTALLED PER ACI STD. 336.
  - CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI STANDARD 318-11 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
  - MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (F'c) AT THE END OF 28 DAYS SHALL BE 2500 PSI MIN.
  - REINFORCING STEEL SHALL BE GRADE 60 AND CONFORM TO ASTM A615 LATEST REVISION.
  - DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS SHALL COMPLY WITH ACI 315, ACI 318 AND CRSI STANDARDS.
  - ANCHOR BOLTS SHALL CONFORM TO ASTM F1554.
  - CANOPY MANUFACTURER IS NOT RESPONSIBLE FOR FOOTING POURED PRIOR TO PERMITTING.
  - FOOTING ARE DESIGNED TO BE CONSTRUCTED AT THE END OF A 6" SLAB. IF THEY ARE NOT, PLEASE NOTIFY CANOPY MANUFACTURER.
  - USE MASTER FLOW 928 NON-SHRINK GROUT OR EQUIVALENT F'm=5000 p.s.f.
  - G.C. TO VERIFY THAT FOOTINGS DO NOT INTERFERE WITH CONTINMENT.

- TOP OF ALL CANOPY FOOTINGS ARE TO BE FINISHED BELOW FINISHED GRADE OR AS REQUIRED BY LOCAL CODES AND ORDINANCES.
- IT IS THE OWNERS RESPONSIBILITY TO NOTIFY ALL CONTRACTORS THAT IT IS THEIR RESPONSIBILITY TO INSURE THAT THE SITE IS PROPERLY EXCAVATED AND GRADED DURING CONCRETE FORMING PRIOR TO AND AFTER THE POUR. THE CONCRETE SHOULD BE CHECKED FOR PROPER ELEVATION, SQUARE AND CORRECT DIMENSIONS.
- FASTENERS FOR ANCHOR BOLTS ARE EXACT AND SHOULD BE RECHECKED TO INSURE PROPER LOCATION.
- CONFIRMATION OF LOCATION, OF ELEVATION AND OF DIMENSIONAL ERRORS MUST BE MADE PRIOR TO THE ARRIVAL OF THE ERECTION CREW AND PRIOR TO THE ERECTION OF THE STRUCTURE.
- AFTER THE FORMS HAVE BEEN REMOVED, ALL TRENCHES, HOLES AND UNEVEN SITE CONDITIONS MUST BE LEVELED TO INSURE A SAFE WORKING AND ACCESS AREA ACCEPTABLE TO LOCAL, STATE, FEDERAL AND OSHA AGENCIES.

**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  
 S<sub>s</sub> (0.2) = 0.353  
 S<sub>1</sub> (1.0) = 0.117  
 SDS = 0.36  
 SD<sub>1</sub> = 0.18  
 F<sub>o</sub> = 1.52  
 F<sub>y</sub> = 2.33  
 R = 1.25  
 IMPORTANCE FACTOR = 1.0  
 RISK CATEGORY = II  
 SEISMIC DESIGN CATEGORY = C  
 CS = 0.286  
 CONSTRUCTION TYPE = 8B  
 RISK CATEGORY = M  
 TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 11.77 KIPS

<b>AI</b>	<b>FOOTING NOTES</b>	<b>A5</b>	<b>GENERAL NOTES</b>	<b>A9</b>	<b>NOT USED</b>	<b>A14</b>	<b>DESIGN LOADS</b>
N.T.S.		N.T.S.		N.T.S.		N.T.S.	

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