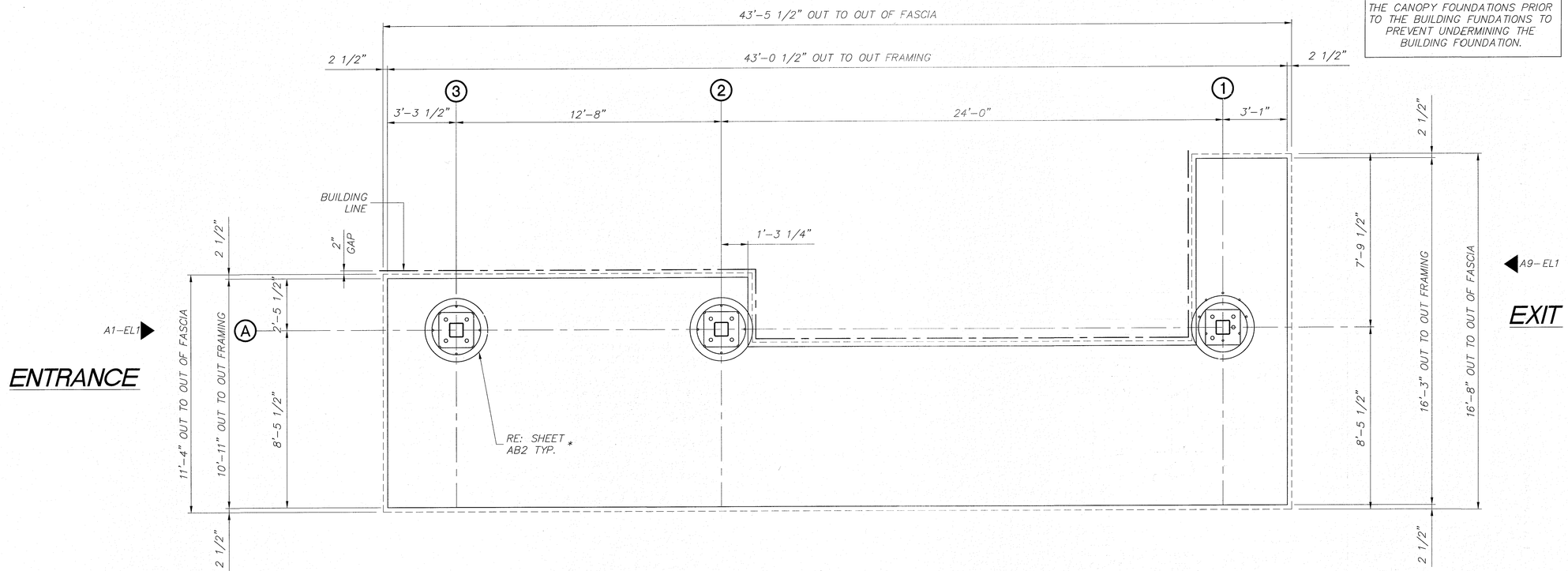
BUILDING

NOTE : CONTRACTOR TO INSTALL THE CANOPY FOUNDATIONS PRIOR TO THE BUILDING FUNDATIONS TO PREVENT UNDERMINING THE BUILDING FOUNDATION.



FI	COLUMN AND FOOTING LOCATIONS
1/4" = 1'-0"	.

1. ALL FOUNDATION WORK BY OTHERS AND SUBJECT TO LOCAL APPROVAL.
2. THE FOUNDATION DESIGN IS BASED UPON SECTION 1807.3.2.2-IBC 2012 EDITION. THE DESIGN CRITERIA SELECTED ASSUMES: SITE CLASS D MATERIAL OR BETTER, SOIL BEARING CAPACITY OF 1500 p.s.f. AND A PASSIVE SOIL PRESSURE OF 100 p.s.f. PER FOOT OF DEPTH.
3. DRILLED SHAFT FOOTINGS SHALL BE INSTALLED PER ACI STD. 336.
4. CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI STANDARD 318-11 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
5. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (F'C) AT THE END OF 28 DAYS SHALL BE 2500 PSI MIN.
6. REINFORCING STEEL SHALL BE GRADE 60 AND CONFORM TO ASTM A615 LATEST REVISION.
7. DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS SHALL COMPLY WITH ACI 315, ACI 318 AND CRSI STANDARDS.
8. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554-GR36.
9. LANE IS NOT RESPONSIBLE FOR FOOTING POURED PRIOR TO PERMITTING.
10. FOOTING ARE DESIGNED TO BE CONSTRAINED AT THE TOP BY A 6" SLAB. IF THEY ARE NOT, PLEASE NOTIFY LANE SUPPLY CO.
11. POUR FOOTINGS TO SAME TOP ELEVATION.
12. USE MASTER FLOW 928 NON-SHRINK GROUT OR EQUIVALENT F'm=5000 p.s.i.
13. G.C. TO ENSURE THAT FOOTINGS DO NOT INTERFERE WITH UNDERGROUND UTILITIES.

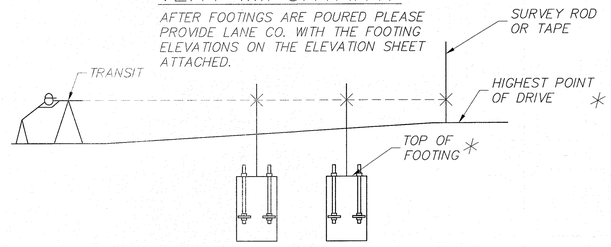
A1	FOUNDATION NOTES
N.T.S.	.

1. TOP OF ALL CANOPY FOOTINGS ARE TO BE POURED A MINIMUM OF 12" BELOW FINISHED GRADE OR AS REQUIRED BY LOCAL CODES AND ORDINANCES.
2. IT IS THE OWNERS RESPONSIBILITY TO CONVEY TO 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.
3. MEASUREMENTS FOR ANCHOR BOLTS ARE EXACT AND SHOULD BE RECHECKED TO INSURE PROPER LOCATION.
4. CORRECTION 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.
5. 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.

A5	GENERAL NOTES
N.T.S.	.

VERY IMPORTANT:

AFTER FOOTINGS ARE POURED PLEASE PROVIDE LANE CO. WITH THE FOOTING ELEVATIONS ON THE ELEVATION SHEET ATTACHED.



* MUST PROVIDE THIS INFORMATION.

A9	FOOTING ELEVATIONS
N.T.S.	.

DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) + WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 p.s.f.
SNOW LOAD = 5 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/ GEORGIA AMENDMENTS 2014 ,2015 ,2017
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME
SITE CLASS = D
Ss (0.2) = 0.28
S1 (1.0) = 0.11
SDS = 0.29
SD1 = 0.17
Fa = 1.58
Fv = 2.38
R = 1.25
IMPORTANCE FACTOR = 1.0
RISK CATEGORY = II
SEISMIC DESIGN CATEGORY = B
CS = 0.232
CONSTRUCTION TYPE = IIB
OCCUPANCY CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 0.94 KIPS

AI4	DESIGN LOADS
N.T.S.	.

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

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

SEAL:

GEORGIA REGISTERED No. PE029635 PROFESSIONAL ENGINEER RICHARD B. MASSEY

DEC 22 2017

CHICK-FIL-A
SAR CHEROKEE PLACE. FSR
115 CHEROKEE PLACE.
CARTERSVILLE, GA 30121

FSR# 0534

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT #	60005
PRINTED FOR	Permit
DATE	2017/12/19
DRAWN BY	AFG
CHECKED BY	RM

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SHEET
CANOPY FOOTING LOCATIONS

SHEET NUMBER
OMD-1

ABI OF 2