

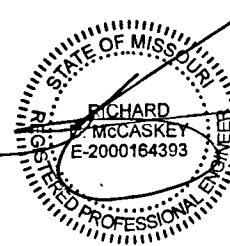


Chick-fil-A
5200 Buffington Road
Atlanta, Georgia
30349-2998



LANE
SUPPLY, INC.
120 Fairview
Arlington, TX. 76010
(817) 261-9116

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C.O.A. 2001015838

CHICK-FIL-A

OLDHAM VILLAGE FSU

SW CORNER US HWY 50 & MO STATE RTE 291.
LEE'S SUMMIT, MO 64081

FSR# 05248

REVISION SCHEDULE

NO. DATE DESCRIPTION

JOB NO. LSC: 78787

PRINTED FOR ISSUED FOR PERMIT

DATE 10/15/2024

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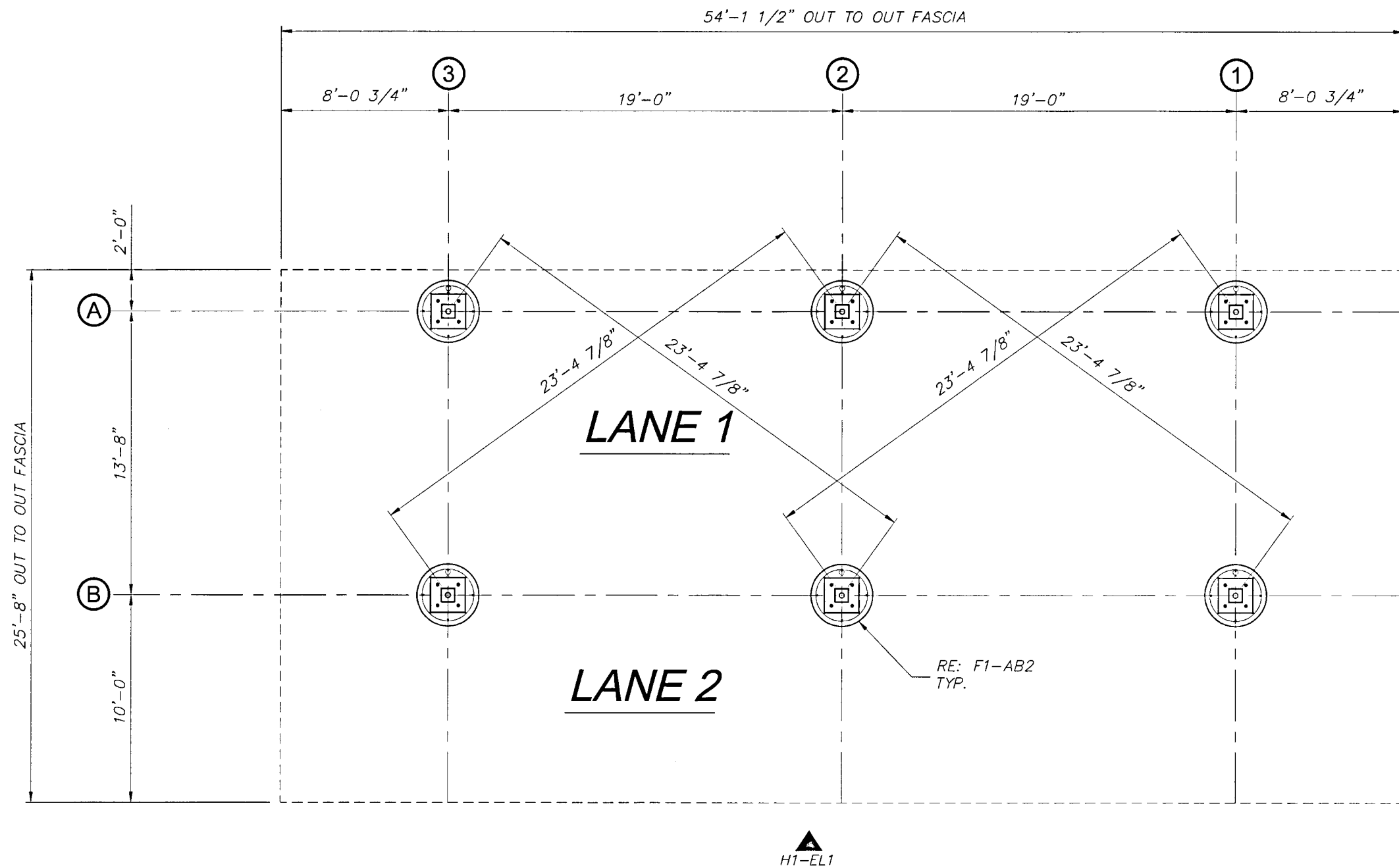
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SHEET CANOPY FOOTING LOCATIONS

SHEET NUMBER

F2FC-1

ABI OF 2



FI COLUMN AND FOOTING LOCATIONS

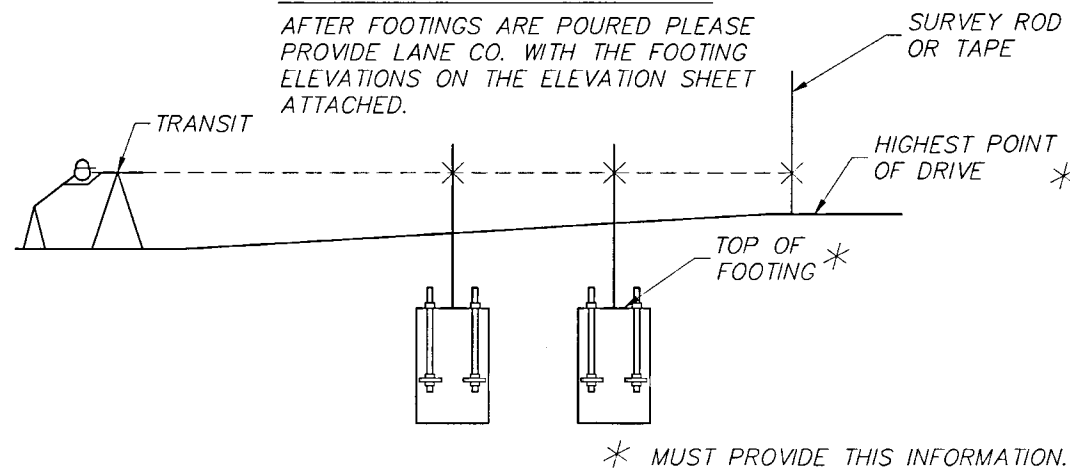
1/4" = 1'-0"

- ALL FOUNDATION WORK BY OTHERS AND SUBJECT TO LOCAL APPROVAL.
- THE FOUNDATION DESIGN IS BASED UPON SECTION 1807.3.2.2-IBC 2018 EDITION. THE DESIGN CRITERIA SELECTED ASSUMES: SITE CLASS D MATERIAL OR BETTER, SOIL BEARING CAPACITY OF 1,500 p.s.f. AND A PASSIVE SOIL PRESSURE OF 100 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 318-14 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (F'C) AT THE END OF 28 DAYS SHALL BE 3000 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-GR36.
- LANE IS NOT RESPONSIBLE FOR FOOTING POURED PRIOR TO PERMITTING.
- FOOTINGS ARE DESIGNED TO BE CONSTRAINED AT THE TOP BY A 6" SLAB. IF THEY ARE NOT, PLEASE NOTIFY LANE SUPPLY CO.
- POUR FOOTINGS TO SAME TOP ELEVATION.
- USE MASTER FLOW 928 NON-SHRINK GROUT OR EQUIVALENT F'm=5000 p.s.i.
- G.C. TO ENSURE THAT FOOTINGS DO NOT INTERFERE WITH UNDERGROUND UTILITIES

- TOP OF ALL CANOPY FOOTINGS ARE TO BE POURED A MINIMUM OF 12" BELOW FINISHED GRADE OR AS REQUIRED BY LOCAL CODES AND ORDINANCES.
- 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.
- MEASUREMENTS FOR ANCHOR BOLTS ARE EXACT AND SHOULD BE RECHECKED TO INSURE PROPER LOCATION.
- 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.
- 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.

VERY IMPORTANT:

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



DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) +
WEIGHT OF STRUCTURAL COMPONENTS
LIVE LOAD = 20 p.s.f.
SNOW LOAD = 20 p.s.f.
WIND LOAD VULT = 116 m.p.h. EXP. C
WIND LOAD VASD = 90 m.p.h. EXP. C
BLDG CODE = 2018 INTERNATIONAL BUILDING CODE
EQUIVALENT LATERAL FORCE PROCEDURE
LATERAL FORCE RESISTING SYSTEM = CANTILEVERED
COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME
Pf = 20 p.s.f.
Ce = 1.2
Ct = 1.2
Is = 1.0
W = DRIFT LOADS NOT CONSIDERED
Pd = DRIFT LOADS NOT CONSIDERED
SITE CLASS = D (DEFAULT)
Ss (0.2) = 0.100
S1 (1.0) = 0.068
SDS = 0.107
SD1 = 0.109
Fa = 1.60
Fv = 2.40
R = 1.25
IMPORTANCE FACTOR = 1.0
RISK CATEGORY = II
SEISMIC DESIGN CATEGORY = B
CS = 0.085
CONSTRUCTION TYPE = VB
OCCUPANCY CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 0.85 KIPS

AI FOUNDATION NOTES

N.T.S.

A5 GENERAL NOTES

N.T.S.

A9 FOOTING ELEVATIONS

N.T.S.

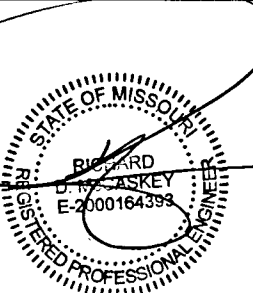
A14 DESIGN LOADS

N.T.S.



AAFC
SUPPLY, INC.

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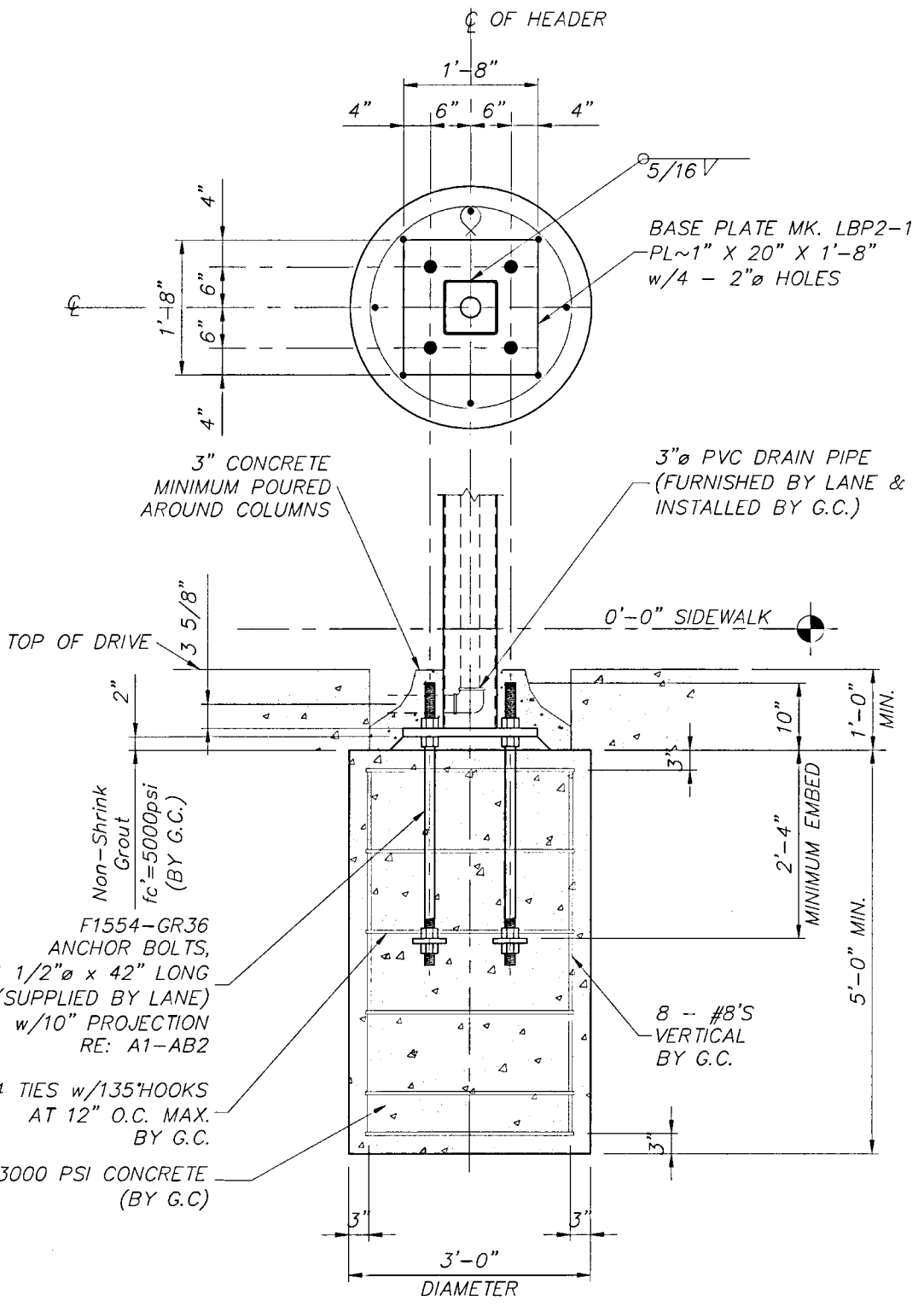
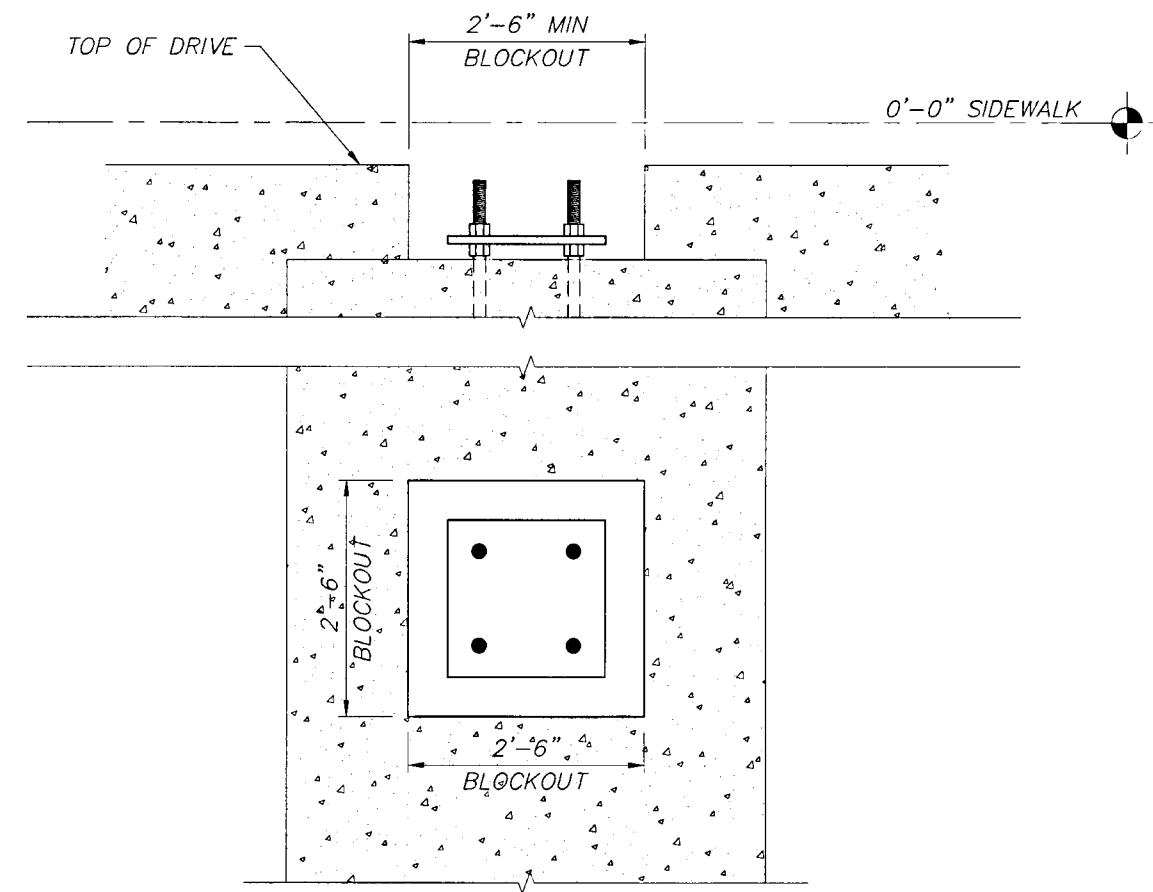
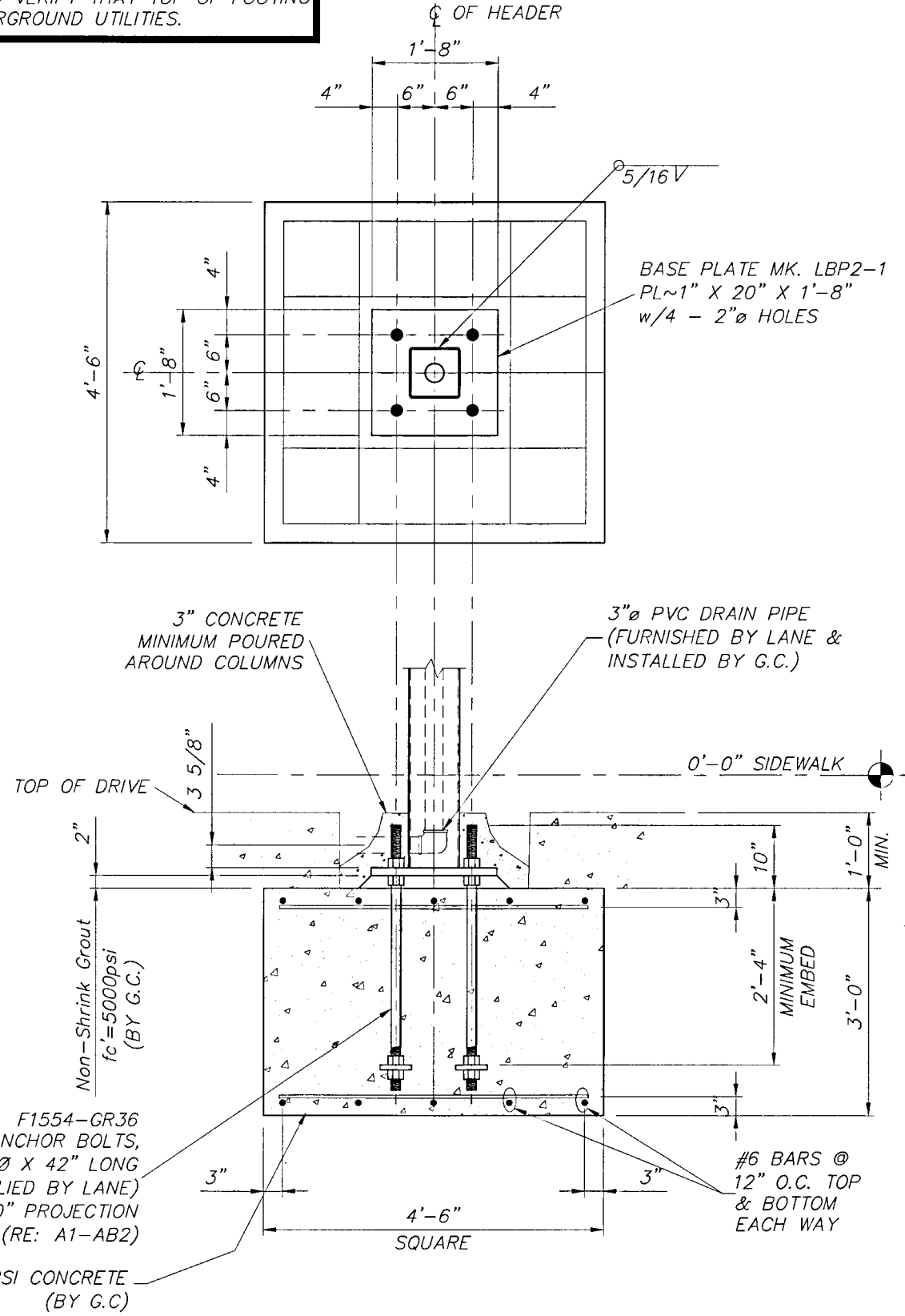
CHICK-FIL-A
OLDHAM VILLAGE FSU
SW CORNER US HWY 50 & MO STATE RTE 291.
LEE'S SUMMIT, MO 64081

FSR# 05248

REVISION SCHEDULE		DESCRIPTION
NO.	DATE	
JOB NO.	LSC: 78797	
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DATE	10/15/2024	
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SHEET		

CANOPY FOOTINGS

F2FC-2
AB2 OF 2



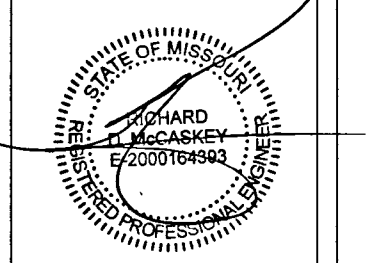
FI		ROUND FOOTING OPTION		F6		BLOCKOUT FOR ANCHOR BOLTS		FII		SPREAD FOOTING OPTION	
N.T.S		FI-ABI		N.T.S				N.T.S		FI-ABI	



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

LANE SUPPLY, INC.
120 Fairview
Arlington, TX. 76010
(817) 261-9116

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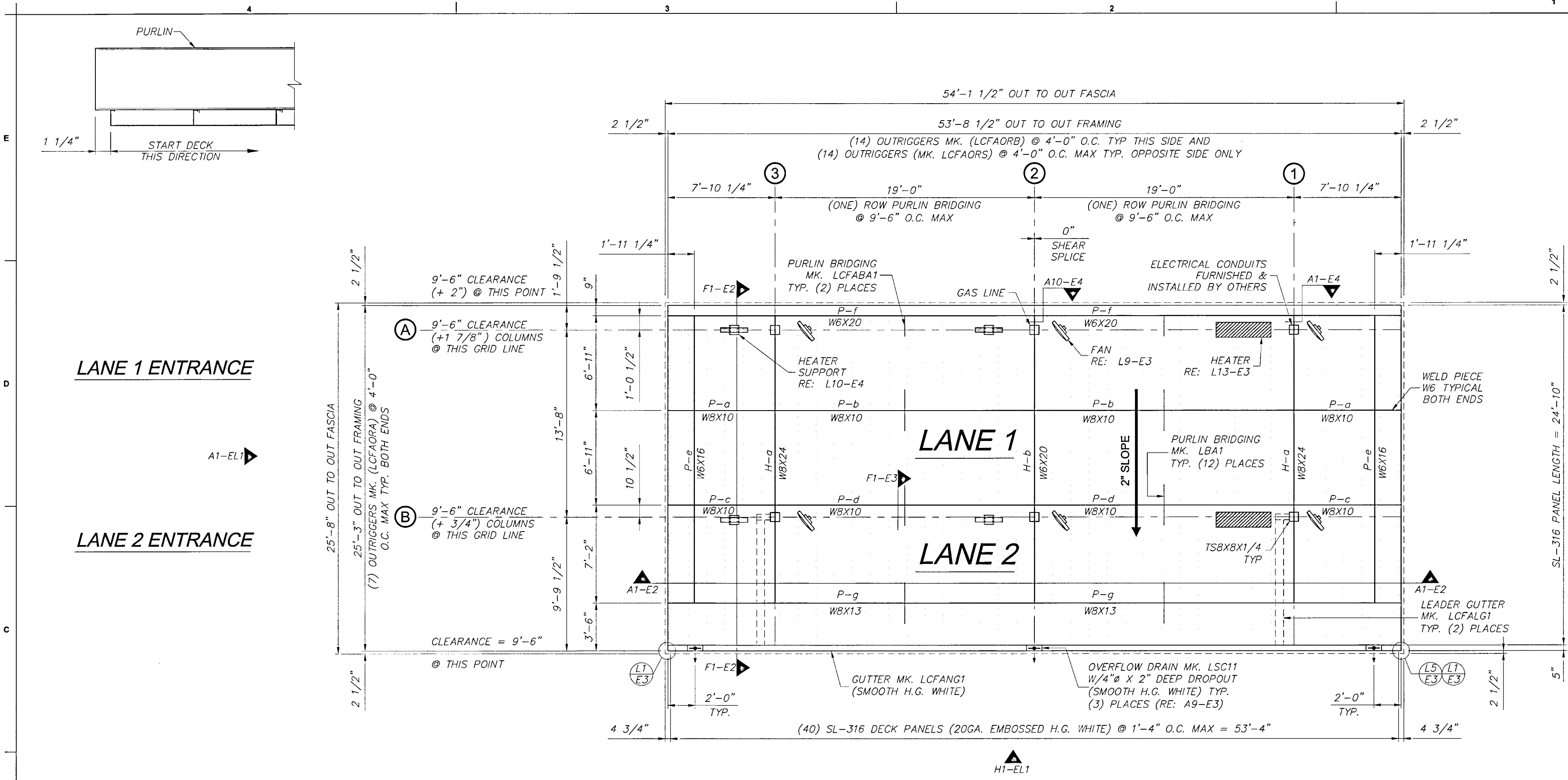


NOV 12 2024
C.O.A. 2001015838

CHICK-FIL-A
OLDHAM VILLAGE FSU
SW CORNER US HWY 50 & MO STATE RTE 291.
LEE'S SUMMIT, MO 64081

FSR# 05248

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SHEET CANOPY FRAMING PLAN		
SHEET NUMBER F2FC-3		
EI OF 4		



FI		CANOPY FRAMING LAYOUT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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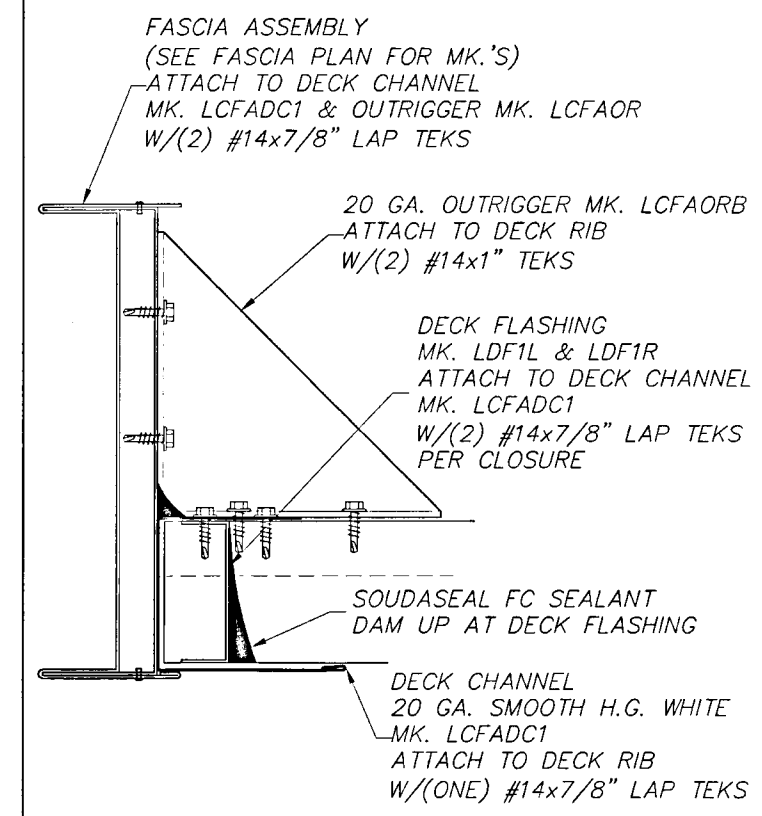
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BOARD
OF PROFESSIONAL ENGINEERS
J. MICHAEL KASKEY
E-2000164393
NOV 12 2024
C.O.A. 2001015838

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SHEET
CANOPY SECTIONS
SHEET NUMBER
F2FC-4
E2 OF 4

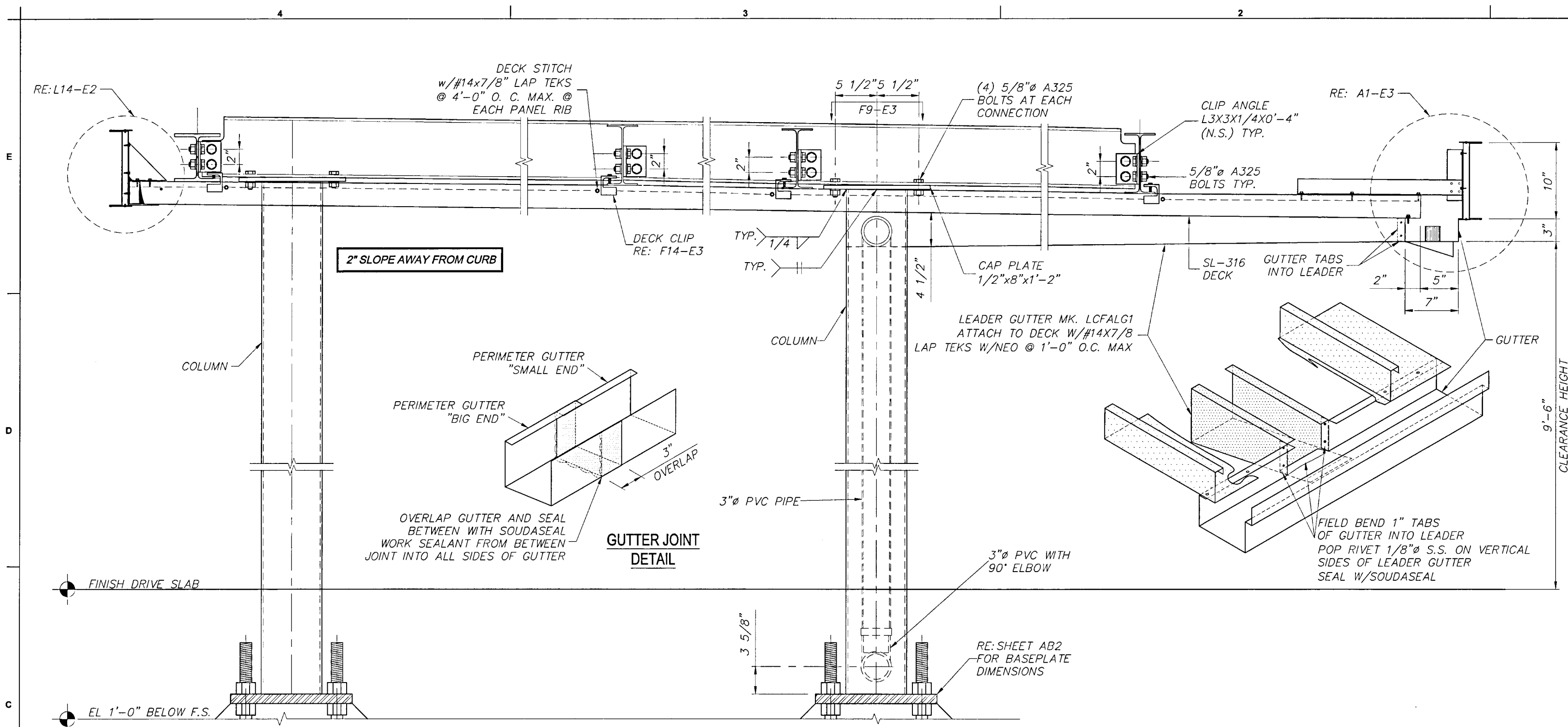


L14 SECTION AT FASCIA
N.T.S. FI-E2

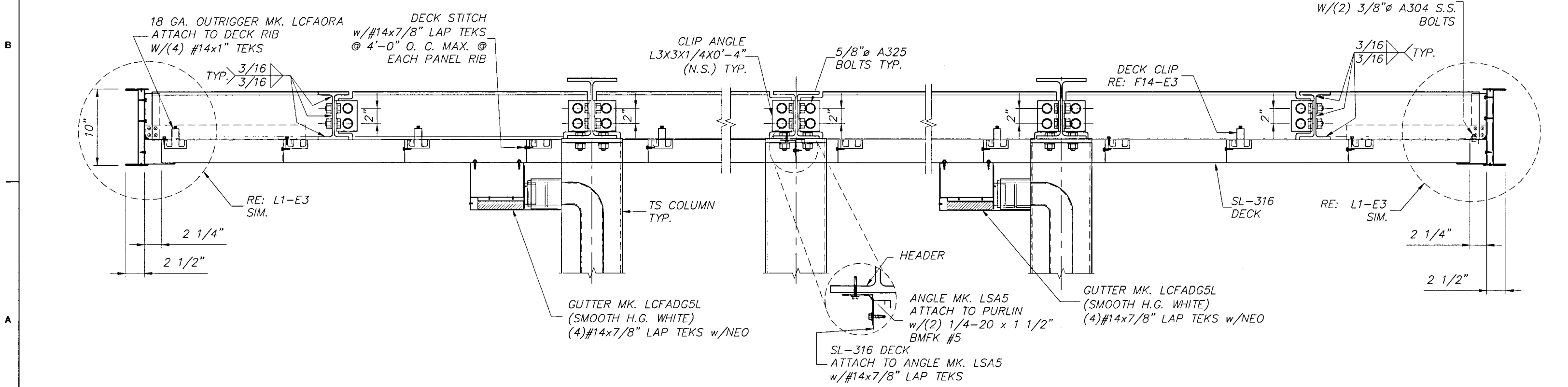
F14 NOT USED

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OCCUPANCY CATEGORY = M
TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 0.85 KIPS

A14 DESIGN LOADS
N.T.S.



FI CANOPY SECTION
1 1/2" = 1'-0" FI-EI



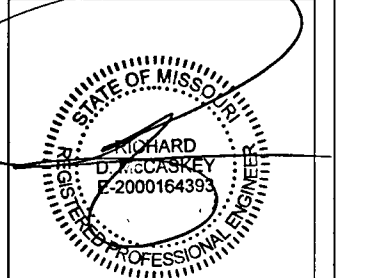
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SHEET		
CANOPY SECTIONS		
SHEET NUMBER		
F2FC-6		
E4 OF 4		

2

1

SECTION AT HEATER BRACKET

N.T.S. FI-EI

14 GA. HAT SECTION MK. LSH2, ATTACH TO DECK W/(2) #14x1"TEKS TO EACH DECK RIB

14 GA. HAT SECTION MK. LCFAHSH, ATTACH TO HAT SECTION W/(4) #14x1" TEKS

SL-316 DECK

INSTALLER NOTE:
VERIFY LOCATION WITH
G.C. BEFORE INSTALLING

SECTION AT COLUMN "A-2"

N.T.S. FI-EI

9'-6" CLEARANCE HEIGHT

3"

2"

GUTTER LINE

SL-316 DECK

GAS LINE
RE: MEP DRAWINGS
FOR INFORMATION

4"x6" ACCESS HOLE
W/ REMOVABLE
COVER PLATE

10"

FINISH
DRIVE SLAB

4"

4

3

SECTION @ COLUMN "A-1"

1 1/2" = 1'-0" FI-EI

WELD (ONE) 3/4"Ø CONDUIT COUPLERS w/PLUG TO CAP PLATE CENTERED OVER 3/4"Ø HOLES

DRILL (ONE) 3/4"Ø HOLE

1'-2" FROM BOTTOM OF DECK

SL-316 DECK

TOP VIEW

NOTCH OUT FLANGE ON HEADER FOR CONDUITS

TS COLUMN

CAP PLATE

HEADER

WELD (3) 1 1/4"Ø CONDUIT COUPLERS w/PLUG TO CAP PLATE OVER 1"Ø HOLES

TOP VIEW

DRILL (3) 1"Ø HOLES

GUTTER LINE

3"

1'-2" FROM BOTTOM OF DECK

4"x6" ACCESS HOLE

SL-316 DECK

GUTTER LINE

FOR NON-ELECTRICAL COLUMNS WITH FANS

ALL COLUMNS CLOSE TO THE FAN TO ACCOMMODATE RECEPTACLE.

4"x6" ACCESS HOLE WITH COVER PLATE MK. LCFAACC

PLUG FOR FANS

ALL COLUMNS CLOSE TO THE FAN TO ACCOMMODATE RECEPTACLE.

DRIVE THROUGH LANE: COLUMN "A-1"

CONDUITS & SWITCHES TO BE FURNISHED & INSTALLED IN THE FIELD BY G.C.

3 3/8"x2 3/16" HOLE

4"x6" ACCESS HOLE W/ REMOVABLE COVER PLATE

10"

FINISH DRIVE SLAB

1'-6"

9'-6" CLEARANCE HEIGHT

5'-4"

4'-8"

4'-0"

3'-4"

SWITCH FOR LIGHTS

SWITCH FOR FANS

SWITCH FOR HEATERS

TIMER SWITCH FOR THE HEATERS

GFCI DUPLEX RECEPTACLE

3 3/8"x2 3/16" HOLE

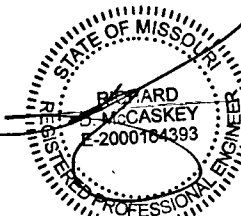
FI4	NOT USED
DEAD LOAD = 3 p.s.f.(DECK + LIGHTS) + WEIGHT OF STRUCTURAL COMPONENTS LIVE LOAD = 20 p.s.f. SNOW LOAD = 20 p.s.f. WIND LOAD VULT = 116 m.p.h. EXP. C WIND LOAD VASD = 90 m.p.h. EXP. C BLDG CODE = 2018 INTERNATIONAL BUILDING CODE EQUIVALENT LATERAL FORCE PROCEDURE LATERAL FORCE RESISTING SYSTEM = CANTILEVERED COLUMN SYSTEM-ORDINARY STEEL MOMENT FRAME Pf = 20 p.s.f. Ce = 1.2 Ct = 1.2 Is = 1.0 W = DRIFT LOADS NOT CONSIDERED Pd = DRIFT LOADS NOT CONSIDERED SITE CLASS = D (DEFAULT) Ss (0.2) = 0.100 S1 (1.0) = 0.068 SDS = 0.107 SD1 = 0.109 Fa = 1.60 Fv = 2.40 R = 1.25 IMPORTANCE FACTOR = 1.0 RISK CATEGORY = II SEISMIC DESIGN CATEGORY = B CS = 0.085 CONSTRUCTION TYPE = VB OCCUPANCY CATEGORY = M TOTAL SEISMIC BASE SHEAR BOTH DIRECTIONS = 0.85 KIPS	
A14	DESIGN LOADS
N.T.S.	



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

LANE
SUPPLY, INC.
120 Fairview
Arlington, TX. 76010
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OLDHAM VILLAGE FSU
SW CORNER US HWY 50 & MO STATE RTE 291.
LEE'S SUMMIT, MO 64091

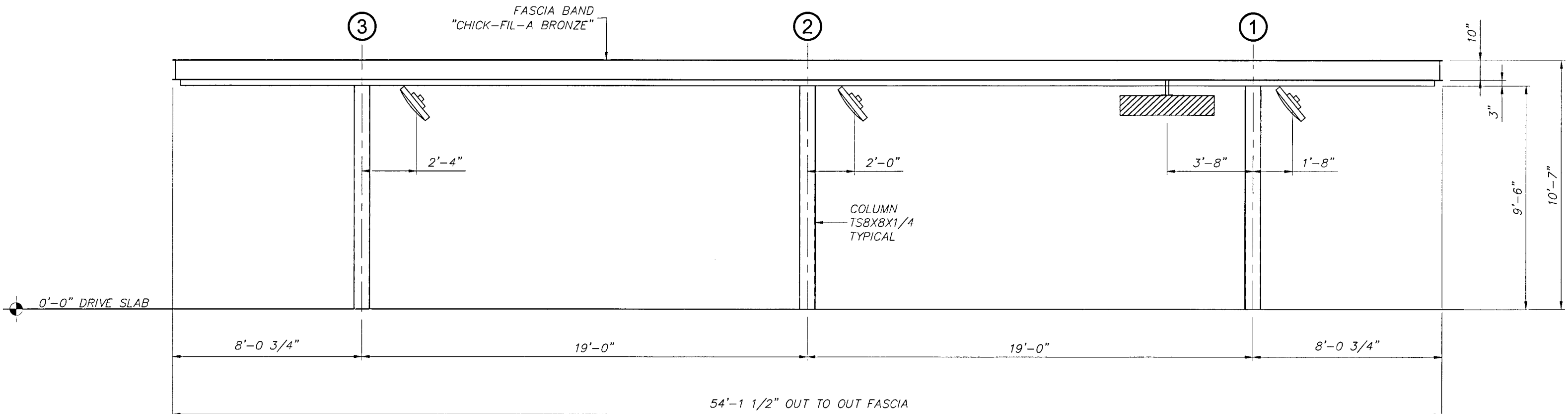
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REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

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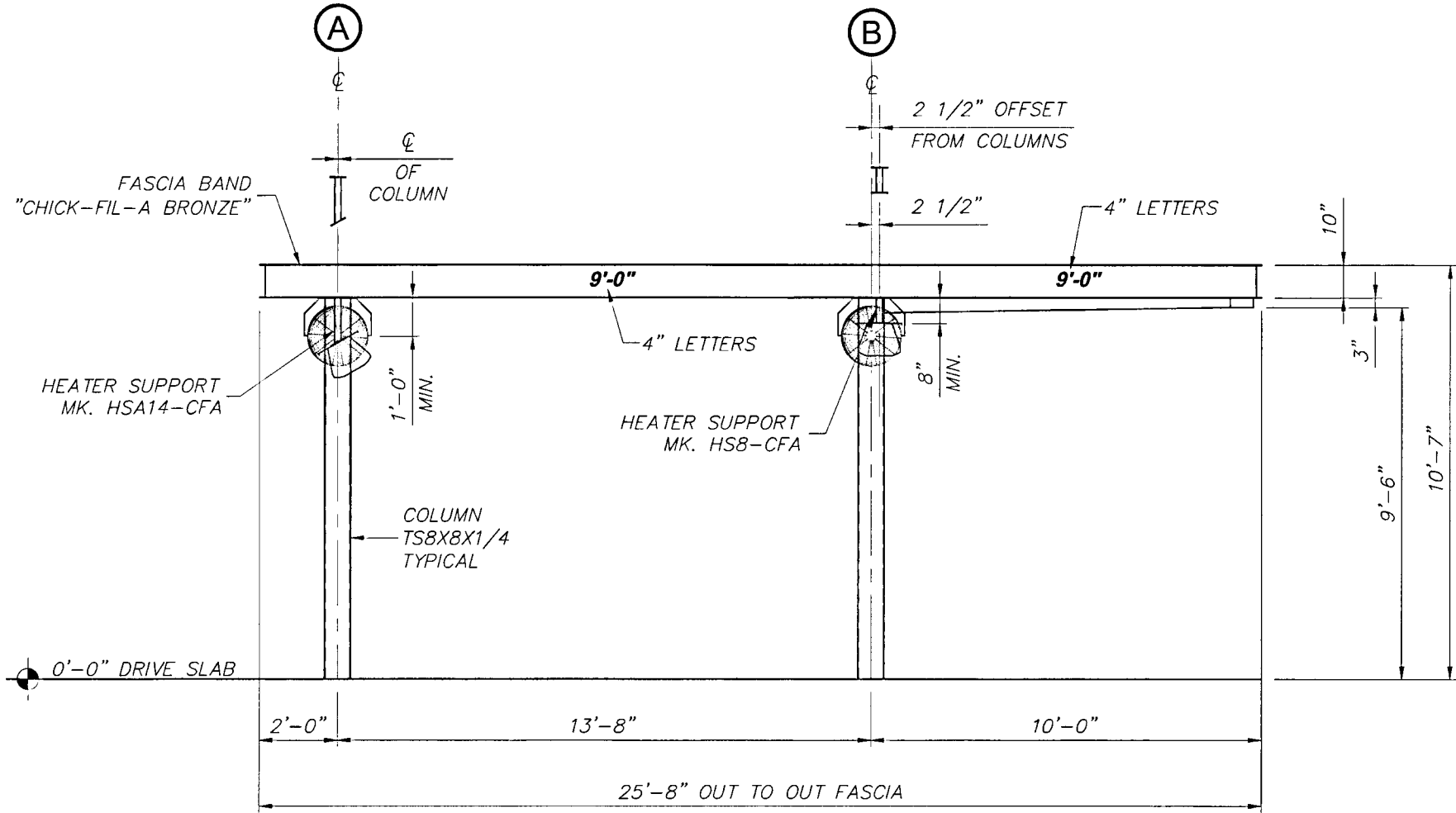
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SHEET
CANOPY ELEVATION
PLAN
F2FC-7
ELI OF 1



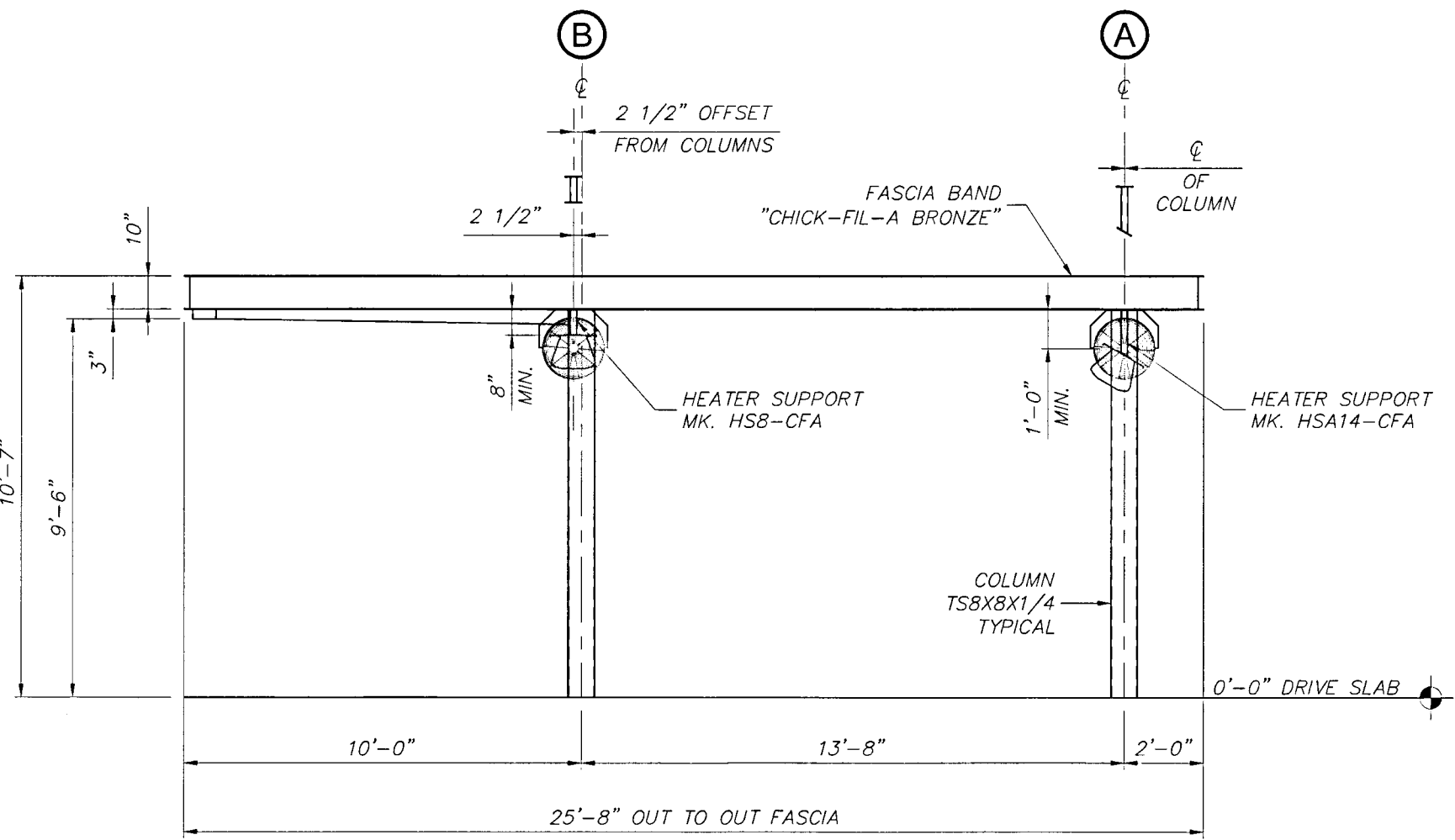
HI CANOPY SIDE ELEVATION

3/8" = 1'-0" FI-ABI, FI-EI, FI-LLI



AI CANOPY END ELEVATION

3/8" = 1'-0" FI-ABI, FI-EI, FI-LLI



A9 CANOPY END ELEVATION

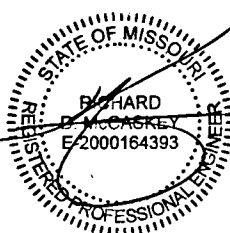
3/8" = 1'-0" FI-ABI, FI-EI, FI-LLI



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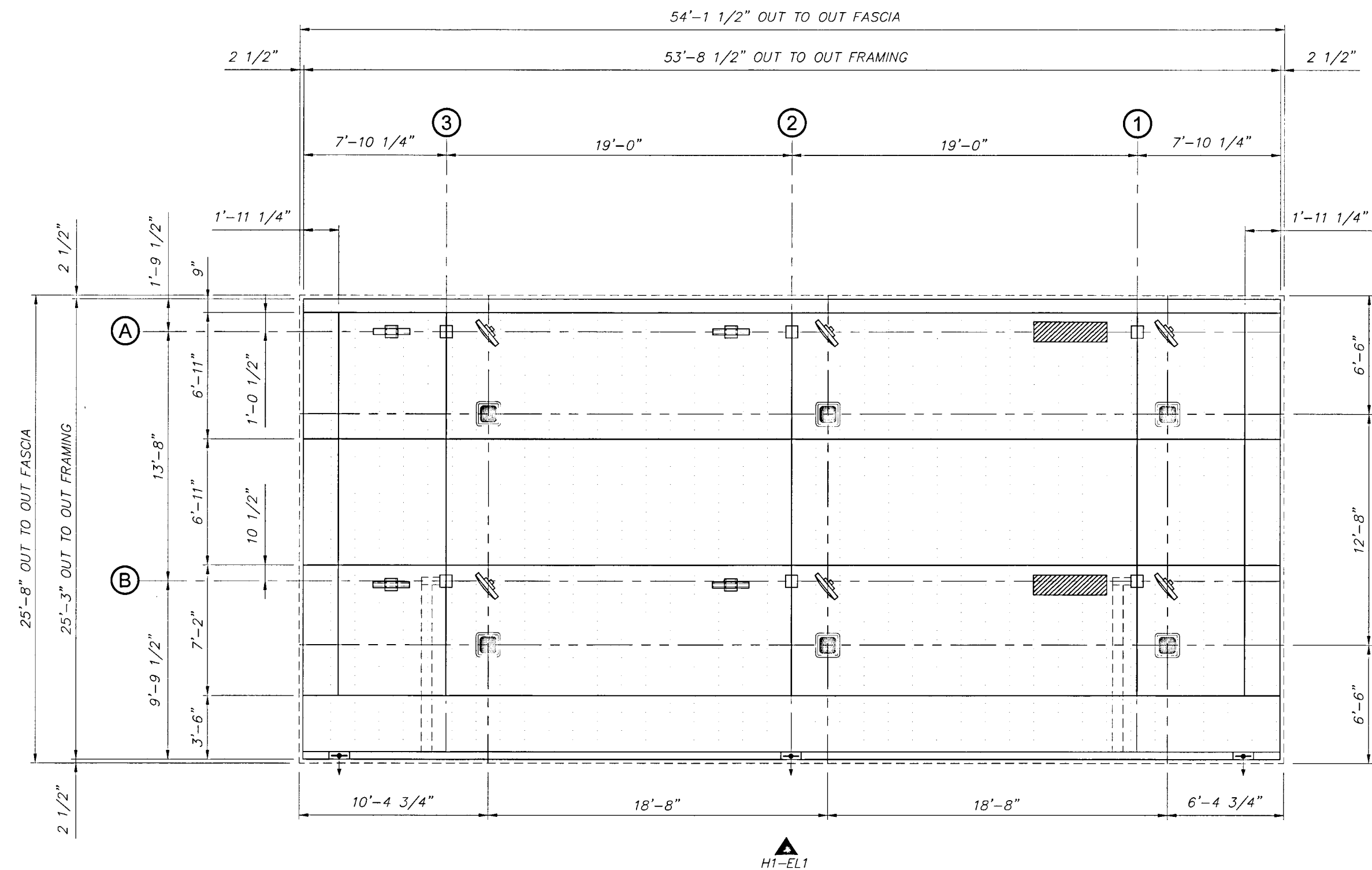
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CANOPY LIGHT LAYOUT

SHEET NUMBER F2FC-8

LLI OF 1



FI CANOPY LIGHT LAYOUT

- 1/4" = 1'-0"
1. THE LIGHT LAYOUT IS A SUGGESTED PLAN ONLY. IT IS PROVIDED BY LANE AS A SERVICE TO ITS CUSTOMER AND IS TO BE USED AS A GUIDE ONLY.
 2. THESE LIGHT FIXTURES NEED TO BE CENTERED IN DECK PANELS.
 3. ENSURE ADEQUATE CLEARANCE FROM STRUCTURAL MEMBERS PRIOR TO CUTTING DECK.
 4. INSTALLATION OF FIXTURES TO BE DONE IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS AND RECOMMENDATIONS.
 5. IF LIGHTS INTERFERE WITH LEADER GUTTERS MOVE ROW LIGHTS TO THE NEXT DECK.

LEGEND:

INDICATES LSI CRUS-SC-LED-LW-30-CW-UE-WHT CANOPY DECK LIGHTS.

INDICATES DECK STITCHING.

MOUNTED FANS/HEATERS (BY OTHERS)
RE: SHEET E3 FOR MOUNTING SUPPORT

INDICATES MOUNTED FAN

INDICATES HEATER SUPPORT

INDICATES MOUNTED HEATER

AI GENERAL NOTES

N.T.S.

A6 NOT USED

A10 NOT USED