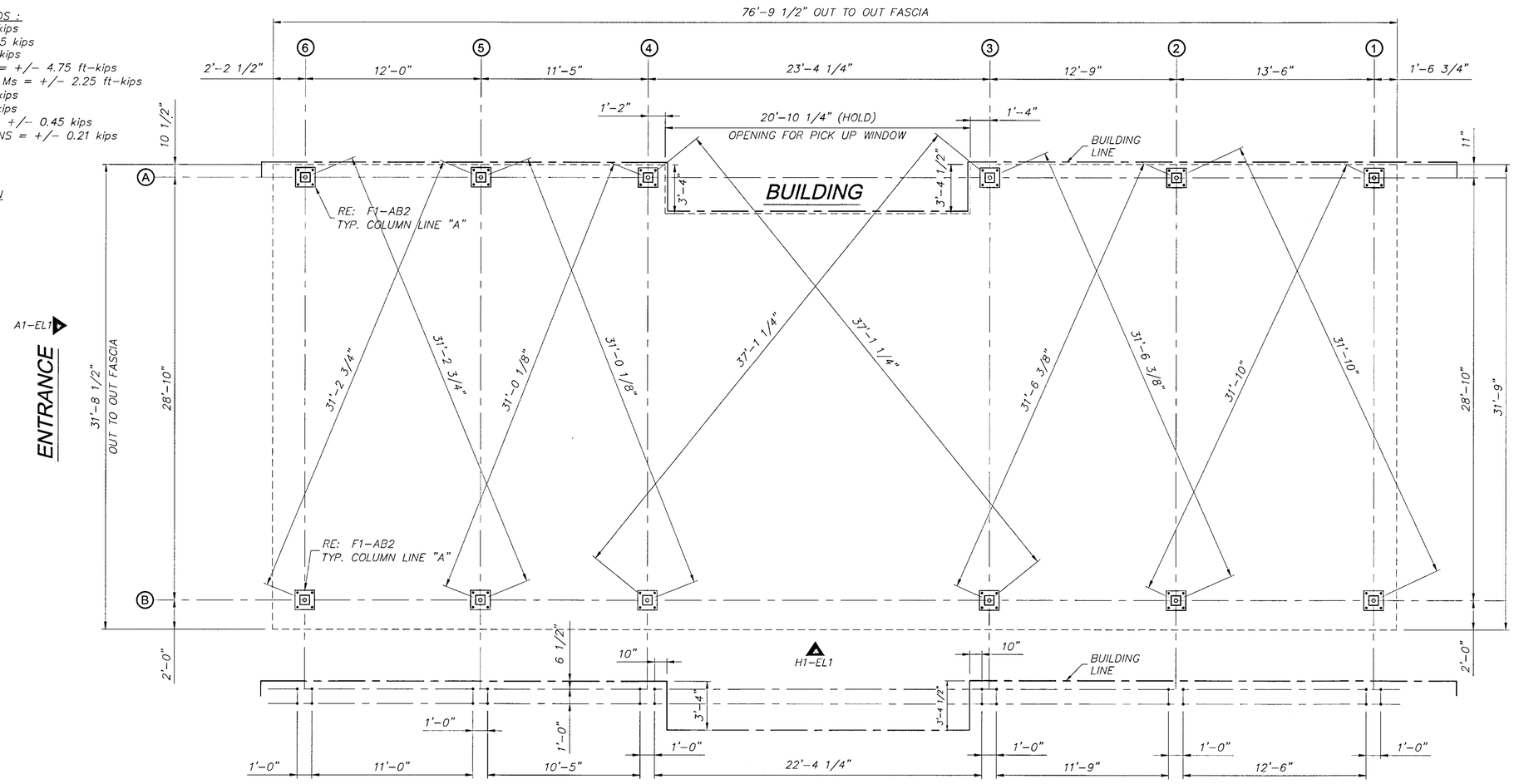
CANOPY LONGITUDINAL DIRECTION

LOADS PRESENTED ARE ASD LOADS WITH FACTOR OF 1.0, EXCEPT WIND FACTORED WITH 0.6

COLUMN DESIGN LOADS :
DEAD LOAD = 2.75 kips
LIVE/SNOW LOAD = 6.25 kips
WIND LOAD = −4.50 kips
TRANSVERSE BASE MOMENT WIND Mw = +/− 4.75 ft−kips
BASE MOMENT SEISMIC BOTH DIRECTIONS Ms = +/− 2.25 ft−kips
Mdl(Nod) = 0.11 ft−kips
Mll(nod) = 0.27 ft−kips
TRANSVERSE BASE SHEAR WIND = +/− 0.45 kips
BASE SHEAR SEISMIC BOTH DIRECTIONS = +/− 0.21 kips

VERTICAL SIGN CONVENTION

CANOPY TRANSVERSE DIRECTION



F1 COLUMN AND FOOTING LOCATIONS

1/4" = 1'−0"

1. ALL FOUNDATION WORK BY OTHERS AND SUBJECT TO LOCAL APPROVAL.
2. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554−GR36.
3. LANE IS NOT RESPONSIBLE FOR FOOTING POURED PRIOR TO PERMITTING.
4. POUR FOOTINGS TO SAME TOP ELEVATION.
5. USE MASTER FLOW 928 NON−SHRINK GROUT OR EQUIVALENT F'm=5000 p.s.i.
6. 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 24" 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

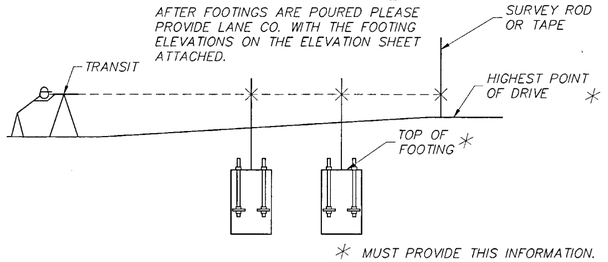
N.T.S.

A9 FOOTING ELEVATIONS

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.

A14 DESIGN LOADS

N.T.S.

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 V,ULT = 116 m.p.h. EXP. C
WIND LOAD V.ASD = 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 = 5.06 ft
Pd = 20.98 p.s.f.
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 = 1.89 KIPS

Joe Freege

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/04/2025

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

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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN, SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE SPECIFICALLY AUTHORIZED WORK FOR WHICH IT WAS LOAN

STATE OF MISSOURI
RICHARD E. D'AGOSTINO
E-2000164393
REGISTERED PROFESSIONAL ENGINEER

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

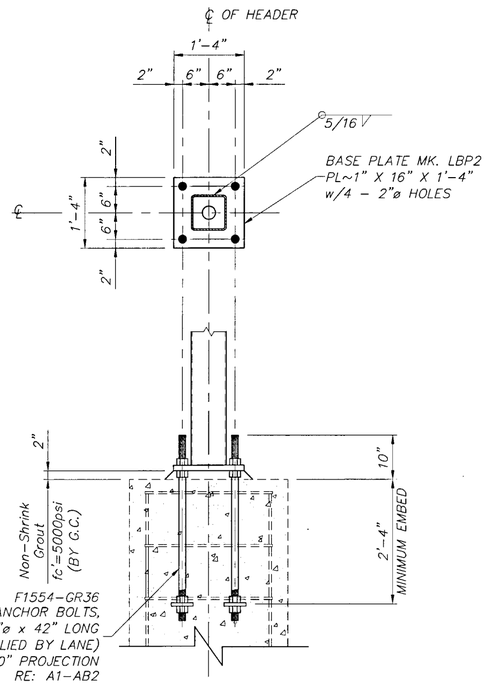
REVISION SCHEDULE
NO. DATE DESCRIPTION

JOB NO. LSC: 75798
PRINTED FOR ISSUED FOR PERMIT
DATE 10/17/2024
DRAWN BY RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

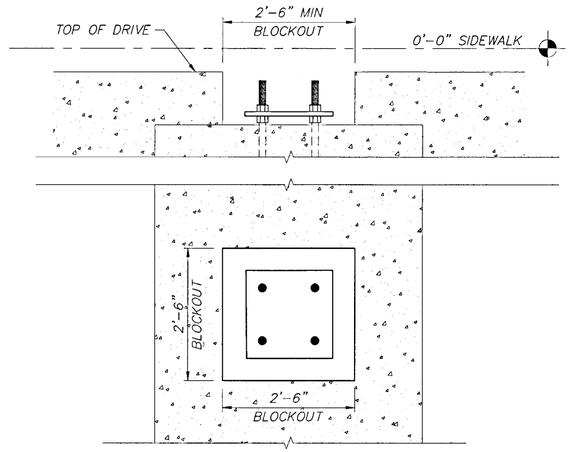
SHEET
CANOPY FOOTING LOCATIONS
SHEET NUMBER
OMD-1

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/04/2025

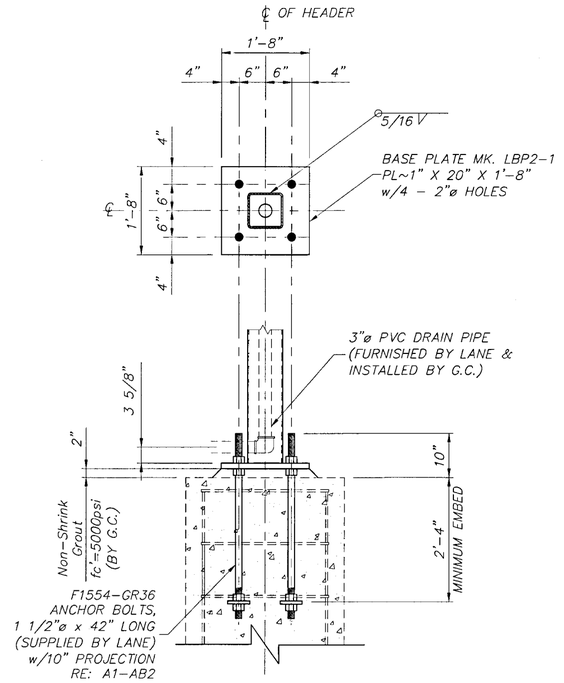


FOOTING BY OTHERS

F1	ANCHOR BOLT LAYOUT
N.T.S	F1-AB1

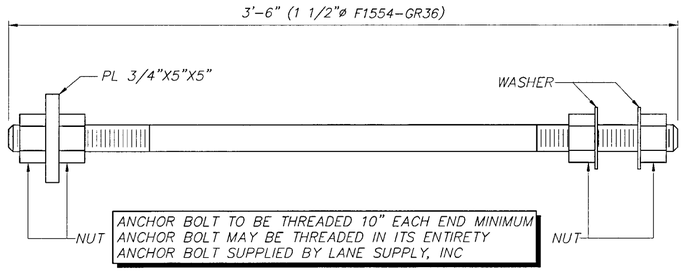


F6	BLOCKOUT FOR ANCHOR BOLTS
N.T.S	.



FOOTING BY OTHERS

F11	ANCHOR BOLT LAYOUT
N.T.S	F1-AB1



A1	ANCHOR BOLT DETAIL
N.T.S.	F1-AB2, F11-AB2

A6	NOT USED
.	.

A10	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 V,ULT = 116 m.p.h. EXP. C
WIND LOAD V.ASD = 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 = 5.06 ft
Pd = 20.98 p.s.f.
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 = 1.89 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
(817) 261-9116

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE SPECIFICALLY AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD E. CASKEY
E-2000164393
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

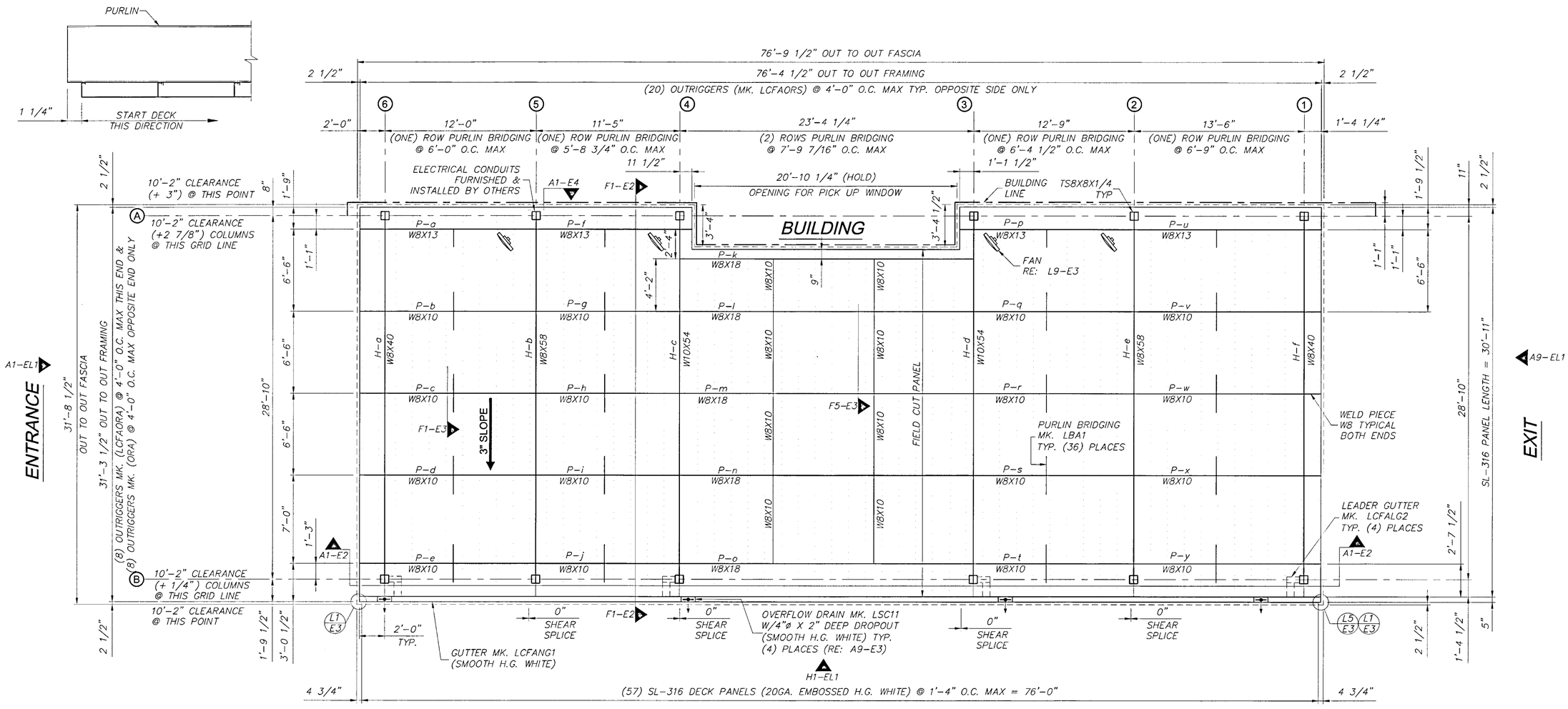
JOB NO.	LSC: 78795
PRINTED FOR	ISSUED FOR PERMIT
DATE	10/17/2024
DRAWN BY	RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET
CANOPY FOOTINGS

SHEET NUMBER
OMD-2
AB2 OF 2

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
Date: 08/04/2025



F1 CANOPY FRAMING LAYOUT

1/4" = 1'-0"

STRUCTURAL STEEL SHALL MEET THE AISC 2017 SPECIFICATION 15TH EDITION AND THE AISC CODE OF STANDARD PRACTICE, CURRENT VERSION.
COLUMNS TO BE ASTM A500, GRADE B
BOLTS TO BE ASTM A325 OR ASTM F1852 (A325-TC)
INSTALLATION OF BOLTS SHALL BE BROUGHT TO A SNUG TIGHT CONDITION-DEFINED AS THE CONDITION THAT EXISTS WHEN ALL OF THE PLIES IN A CONNECTION HAVE BEEN PULLED INTO FIRM CONTACT BY THE BOLTS IN THE JOINT AND ALL OF THE BOLTS IN THE JOINT HAVE BEEN TIGHTENED SUFFICIENTLY TO PREVENT THE REMOVAL OF THE NUTS WITHOUT THE USE OF A WRENCH.

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
WELD FILLER METALS SHALL MEET THE MINIMUM CHARPY V-NOTCH REQUIREMENT OF 20 FT-LB AT 0°F 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 SHALL BE AISC CERTIFIED
LANE SUPPLY INC. IS AN AISC CERTIFIED FABRICATOR (AISC # C-00022431)

1. REFERENCE SEALANT SCHEDULE FOR ALL APPLICATIONS
2. SEAL ALL JOINTS WITH A SMOOTH, CLEAN APPLICATION
3. APPLY CAULK CLEAR AROUND THE COLUMNS ON THE TOP SIDE OF THE DECK AFTER BOTTOM SIDE HAS BEEN CAULKED.
4. DECK PANELS AND TRIM WILL BE WIPED CLEAN AFTER INSTALLATION
5. ALL TRASH AND EXTRA MATERIALS WILL BE HAULED OFF JOBSITE
6. CHECK WITH GENERAL CONTRACTOR FOR DRAIN ORIENTATION
7. FURNISH & INSTALL LANE DESIGNED AND ENGINEERED "HUNG" DECK
8. FURNISH & INSTALL SUPPORT FRAMING FOR (4) FANS (FANS FURNISHED & INSTALLED BY OTHERS.)
9. FURNISH & INSTALL (10) LSI CRUS-CS-LED-LW-30-UE-WHT CANOPY DECK LIGHTS.
10. FURNISH & INSTALL SHEET METAL FASCIA "CHICK-FIL-A BRONZE".

SEALANT SCHEDULE

SEALANT	COLOR	APPLICATION
SOUDASEAL FC	WHITE	DECK TO COLUMN @ BOTTOM
SOUDASEAL FC	WHITE	GUTTER JOINTS
SOUDASEAL FC	WHITE	DECK TO COLUMN @ TOP
SOUDASEAL FC	WHITE	SEAL @ OVERFLOW DROPOUTS
SOUDASEAL FC	WHITE	SEAL BOLTS @ HEATER SUPPORTS
SOUDASEAL FC	WHITE	DAM UP DECK @ DECK CLOSURE
SOUDASEAL FC	WHITE	SEAL FASCIA @ DECK CLOSURE

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 V,ULT = 116 m.p.h. EXP. C
WIND LOAD V.ASD = 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 = 5.06 ft
Pd = 20.98 p.s.f.
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 = 1.89 KIPS

A1 GENERAL NOTES	A6 ERECTOR'S NOTES	A11 NOT USED	A14 DESIGN LOADS
N.T.S.	N.T.S.	.	N.T.S.

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

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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF SPECIFICALLY AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD D. GASKEY
E-2009164293
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

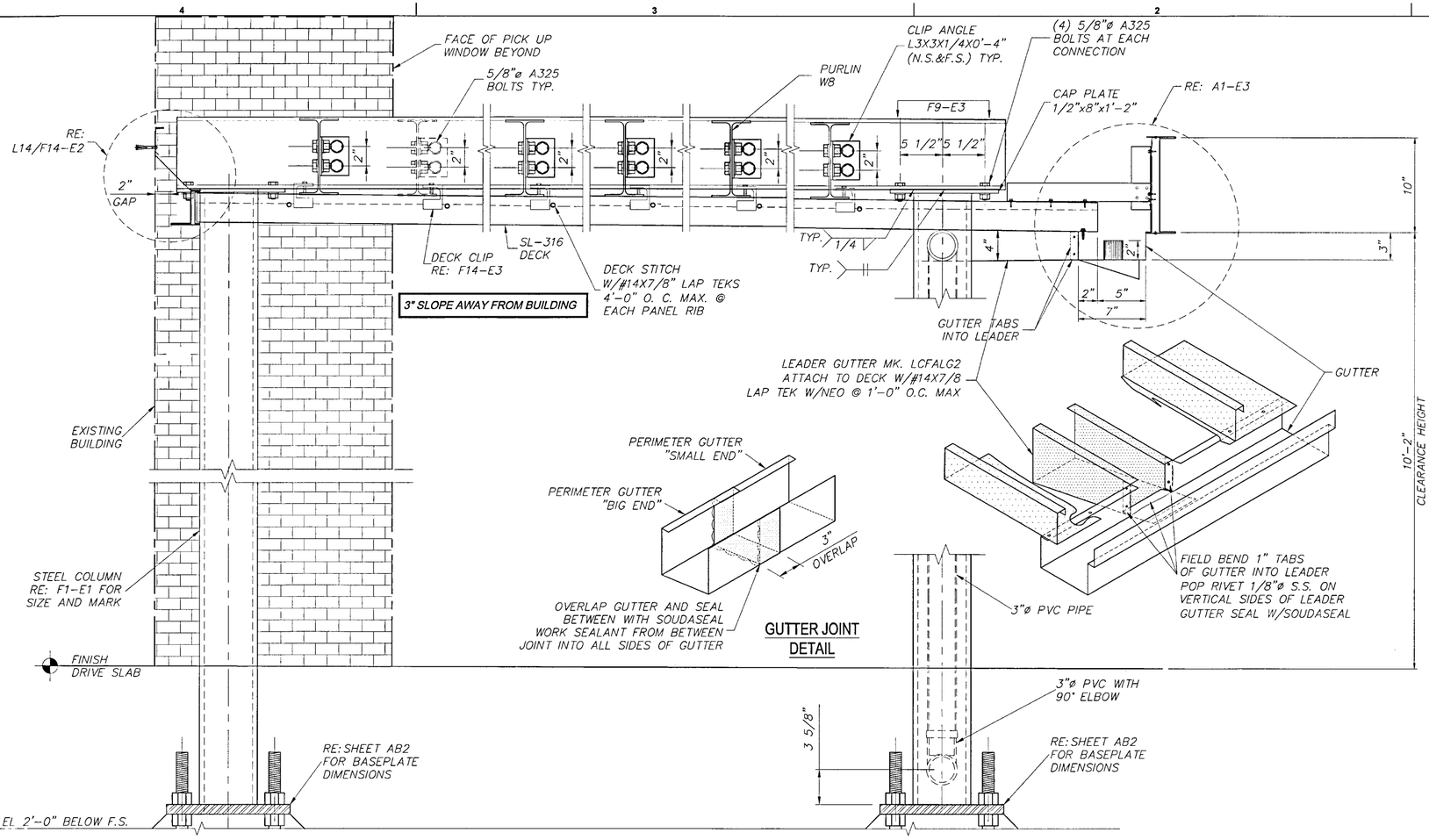
JOB NO.	LSC: 78796
PRINTED FOR	ISSUED FOR PERMIT
DATE	10/17/2024
DRAWN BY	RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representative.

SHEET
CANOPY FRAMING PLAN

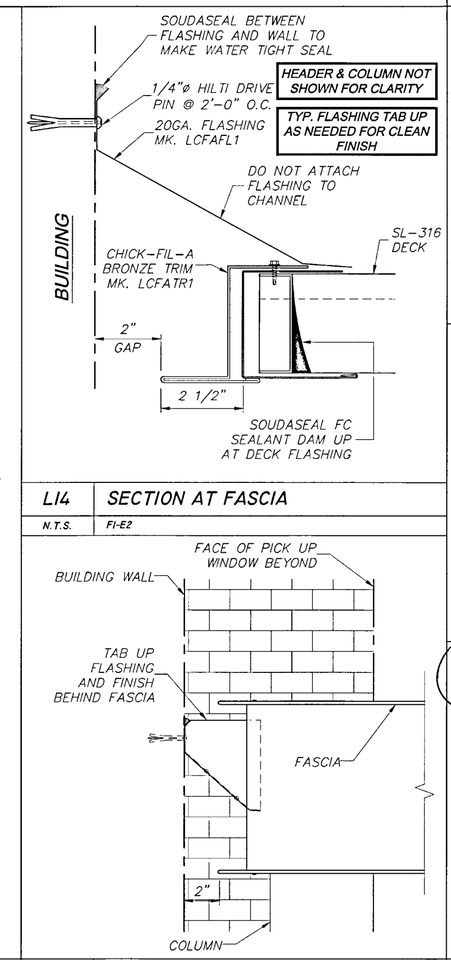
SHEET NUMBER
OMD-3
E1 OF 4

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
Date: 08/04/2025



FI CANOPY SECTION

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

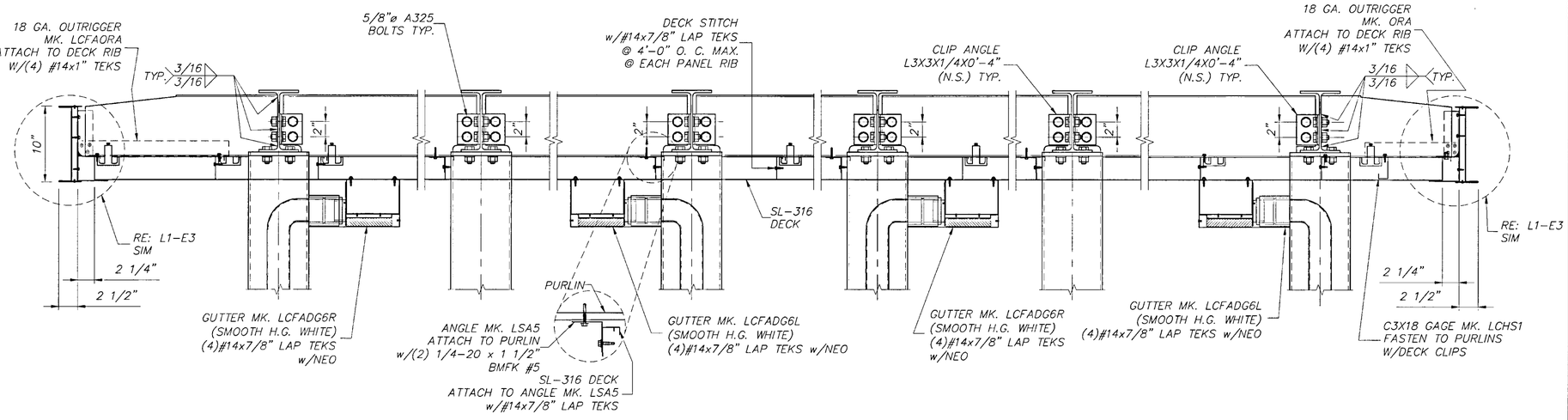


LI4 SECTION AT FASCIA

N.T.S. | FI-E2

FI4 DETAIL AT FLASHING TERMINATION

N.T.S. | FI-E2



AI CANOPY SECTION

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

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 V,ULT = 116 m.p.h. EXP. C
WIND LOAD V,ASD = 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 = 5.06 ft
Pd = 20.98 p.s.f.
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 = 1.89 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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN, SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITTEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE SPECIFICALLY AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD D. MCCASKEY
E-2000164393
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE
NO. DATE DESCRIPTION

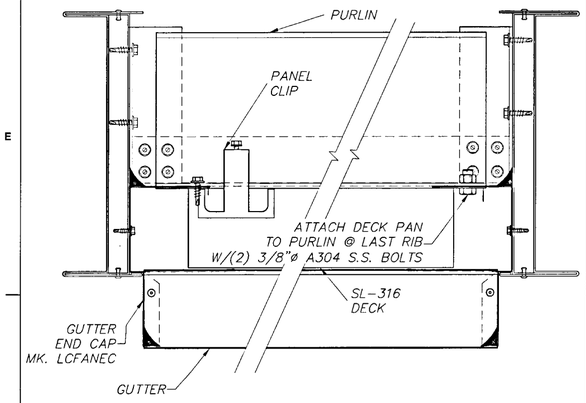
JOB NO. LSC: 78798
PRINTED FOR ISSUED FOR PERMIT
DATE 10/17/2024
DRAWN BY RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner or in any express written or verbal consent from authorized project representatives

SHEET
CANOPY SECTIONS

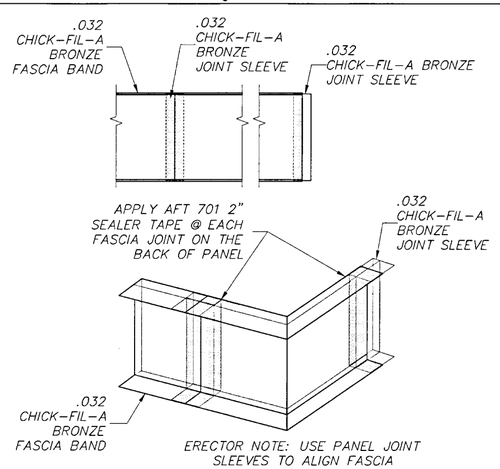
SHEET NUMBER
OMD-4
E2 OF 4

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
09/04/2025



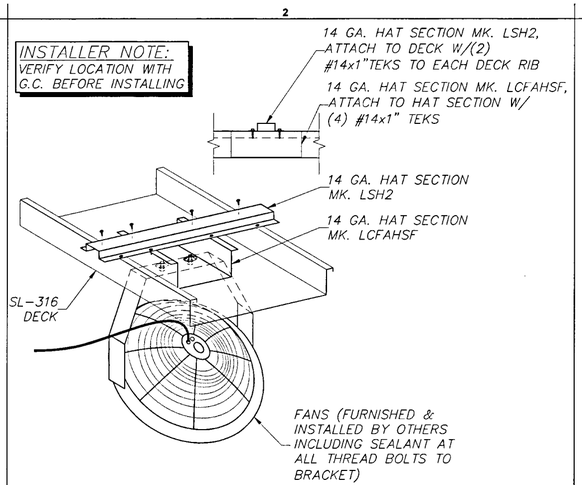
L1 DETAIL AT SIDES OF CANOPY

N.T.S. | A1-E2, F1-E1



L5 DETAIL AT FASCIA CORNER AND SPLICE

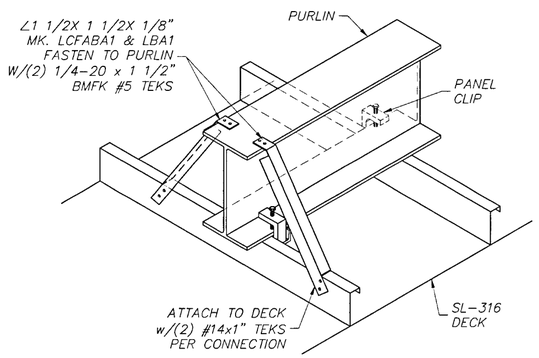
N.T.S. | F1-E1



L9 SECTION AT FAN SUPPORT

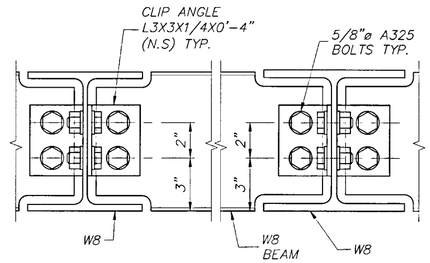
N.T.S. | F1-E1

L13 NOT USED



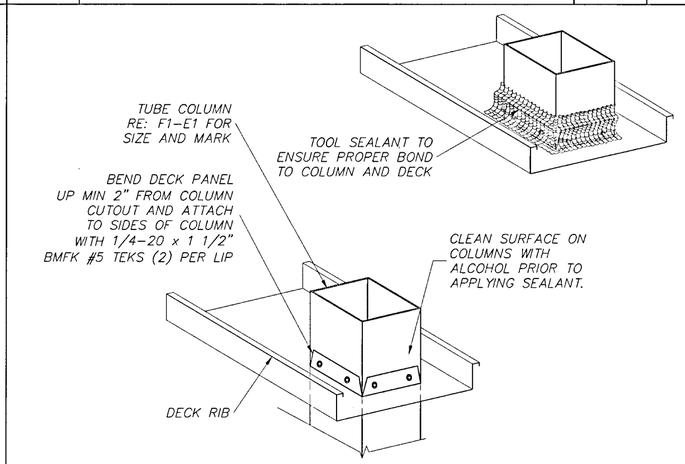
F1 SECTION AT PURLIN BRIDGING

N.T.S. | F1-E1



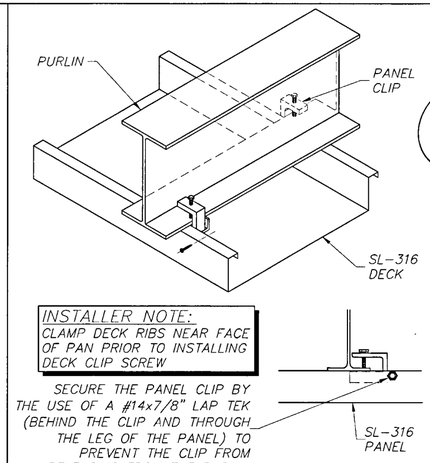
F5 SECTION AT PURLIN BRIDGING

N.T.S | F1-E1



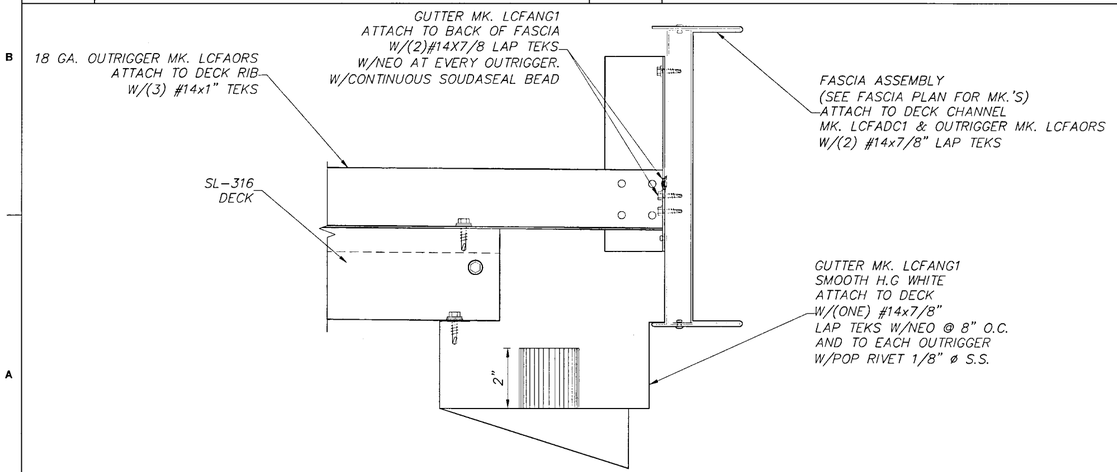
F9 DETAIL AT DECK SUPPORT

1 1/2" = 1'-0" | F1-E2



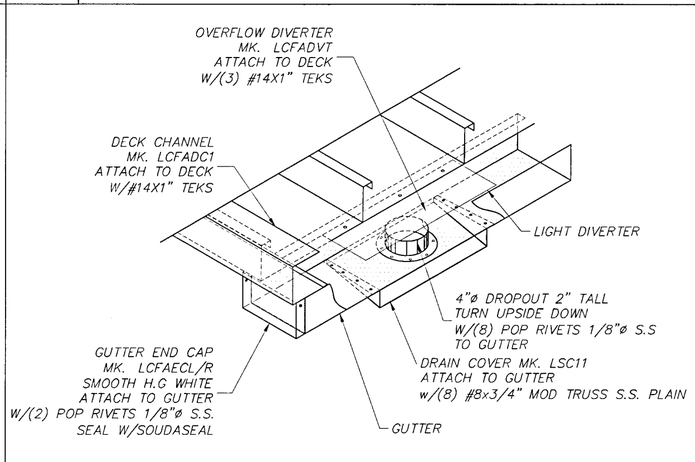
F14 DETAIL AT DECK CLIP

N.T.S. | A1-E2, F1-E2



A1 DETAIL AT END OF CANOPY

N.T.S. | F1-E1, F1-E2



A9 DETAIL OF OVERFLOW DRAIN

N.T.S. | F1-E1

A14 DESIGN LOADS

N.T.S. | .

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 V,ULT = 116 m.p.h. EXP. C
WIND LOAD V.ASD = 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 = 5.06 ft
Pd = 20.98 p.s.f.
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 = 1.89 KIPS

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

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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITTEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE RESTRICTED AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD E. CASKEY
E-2000164303
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE
NO. | DATE | DESCRIPTION

JOB NO. LSC: 76795
PRINTED FOR ISSUED FOR PERMIT
DATE 10/17/2024
DRAWN BY RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET
CANOPY SECTIONS
SHEET NUMBER
OMD-5
E3 OF 4

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/04/2025

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

TOP VIEW

DRILL (ONE) 3/4"ø HOLE

1'-2" FROM BOTTOM OF DECK

SL-316 DECK

ALL COLUMNS CLOSE TO THE FAN TO ACCOMMODATE RECEPTACLE.

FOR NON-ELECTRICAL COLUMNS WITH FANS

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

PLUG FOR FANS

3 3/8"X2 3/16" HOLE

10'-2" CLEARANCE HEIGHT

SWITCH FOR FANS

SWITCH FOR LIGHTS

4'-0"

3'-4"

GFCI DUPLEX RECEPTACLE

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

ALL COLUMNS CLOSE TO THE FAN TO ACCOMMODATE RECEPTACLE.

3 3/8"X2 3/16" HOLE

1'-6"

FINISH DRIVE SLAB

PURLIN & PURLIN CONNECTION NOT SHOWN FOR CLARITY

SL-316 DECK

GUTTER LINE

DRIVE THROUGH LANE: COLUMN "A-5"

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

A1	SECTION @ COLUMN "A-5"
1 1/2" = 1'-0"	F1-E1

A10	NOT USED
.	.

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 V.ULT = 116 m.p.h. EXP. C
WIND LOAD V.ASD = 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 = 5.06 ft
Pd = 20.98 p.s.f.
SITE CLASS = D (DEFAULT)
Ss (0.2) = 0.100
S1 (1.0) = 0.068
SDS = 0.107
SD1 = 0.109
Fo = 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 = 1.89 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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE SPECIFIC AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD D. CASKEY
E-2000164393
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

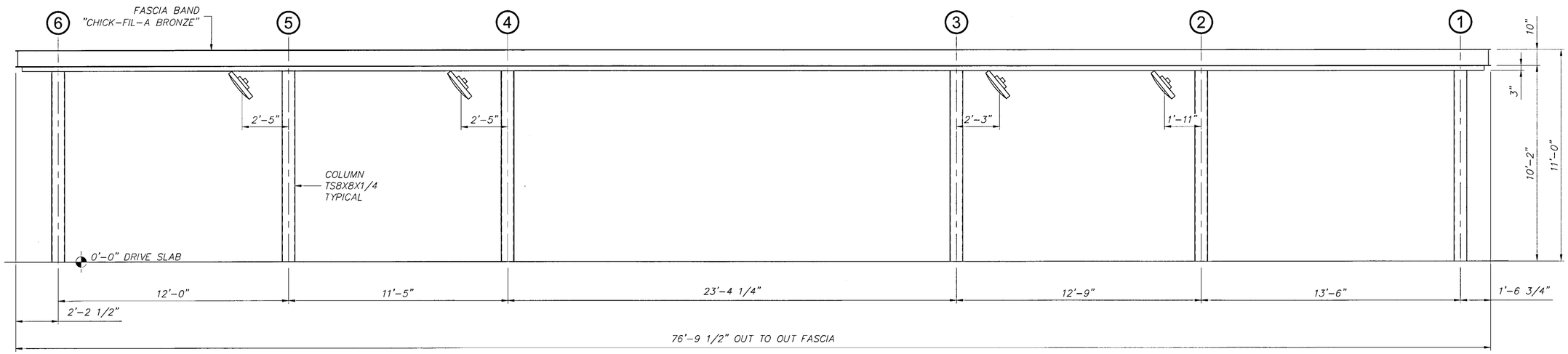
JOB NO.	LSC: 78798
PRINTED FOR	ISSUED FOR PERMIT
DATE	10/17/2024
DRAWN BY	RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET
CANOPY SECTIONS

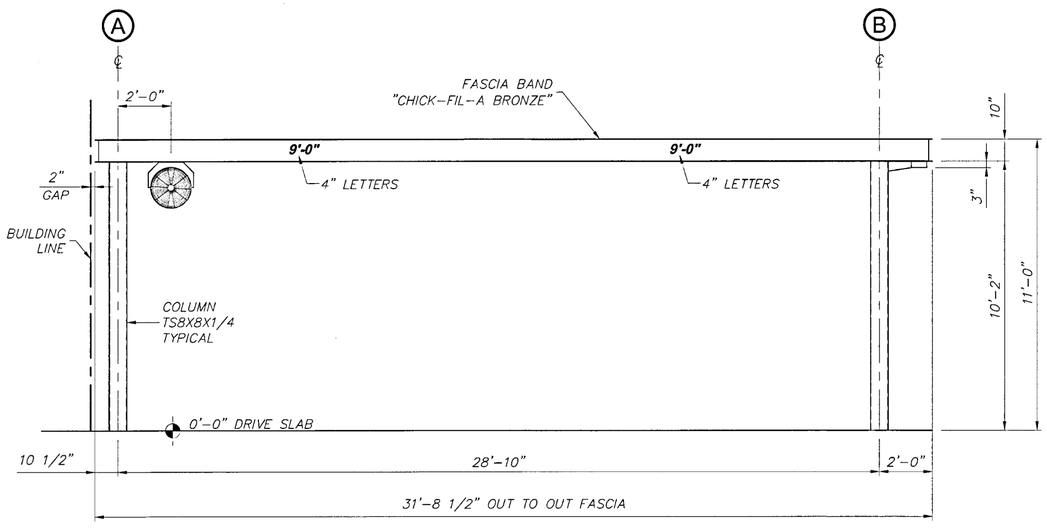
SHEET NUMBER
OMD-6
E4 OF 4

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/01/2025



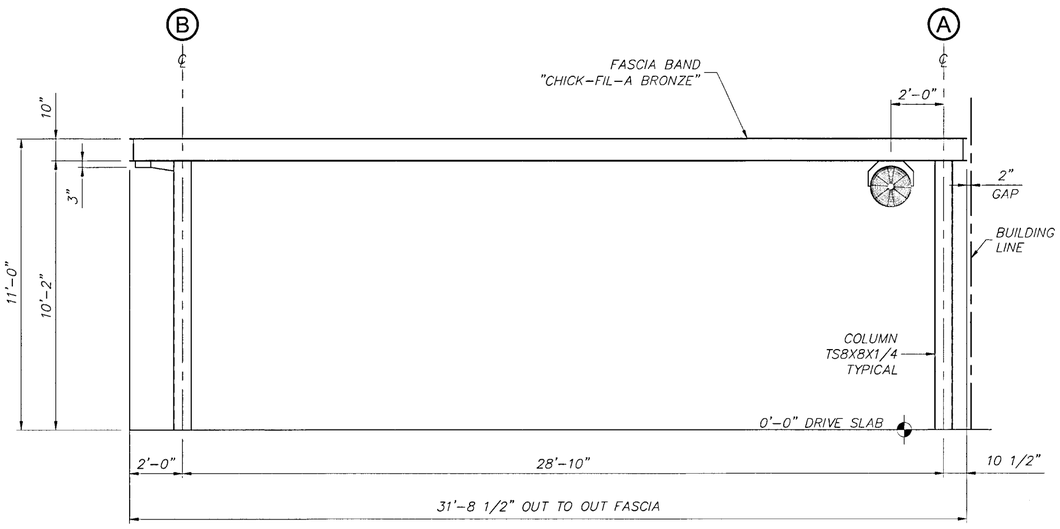
HI CANOPY SIDE ELEVATION

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

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

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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITTEN PERMISSION OF LANE COMPANY. IF THE DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FOREGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE SPECIFICALLY AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD P. McCASKEY
E-2000164399
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE

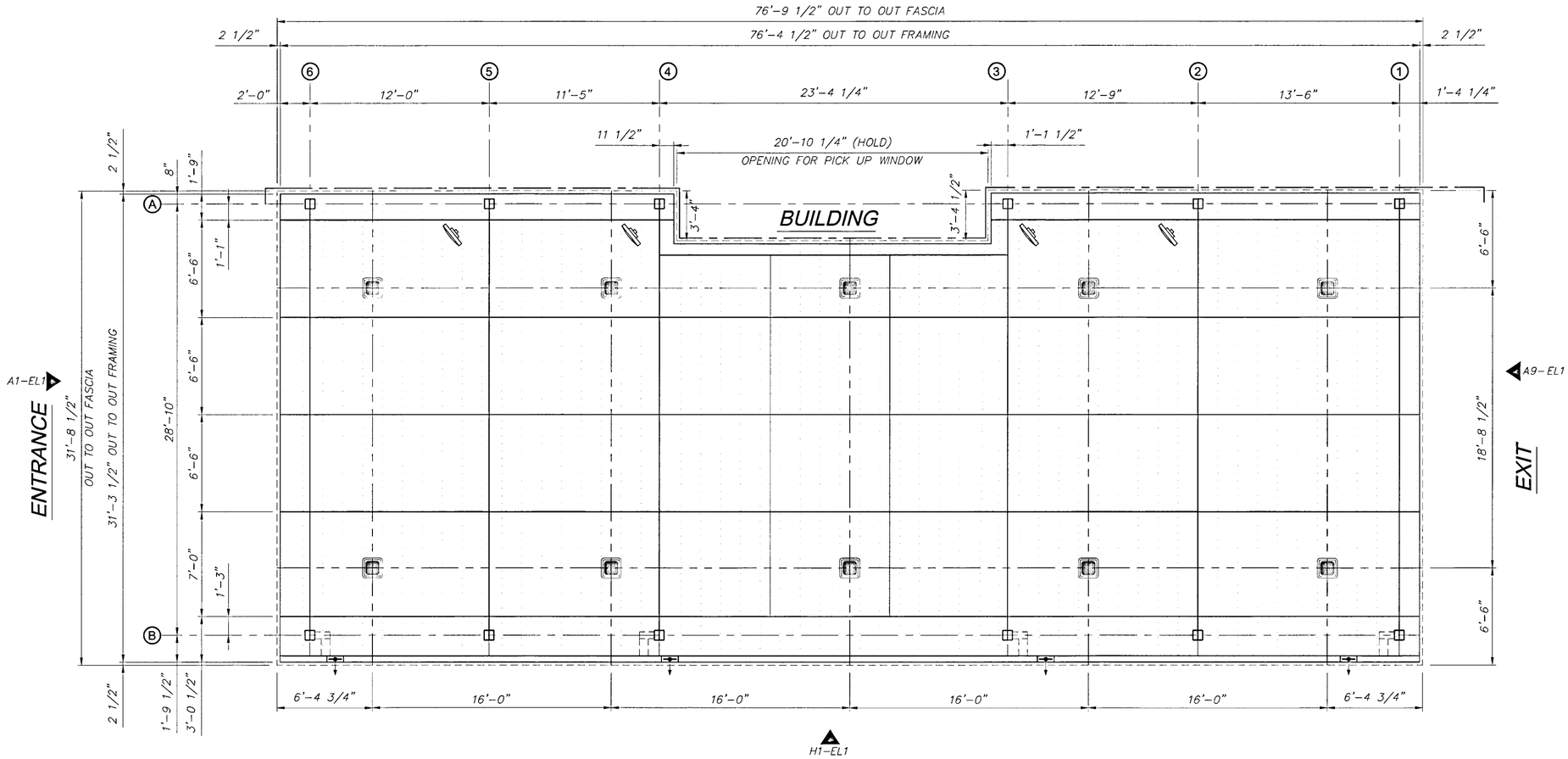
NO.	DATE	DESCRIPTION

JOB NO.	LSC: 78798
PRINTED FOR	ISSUED FOR PERMIT
DATE	10/17/2024
DRAWN BY	RED

Information contained on this drawing and in all digital files prepared for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET
CANOPY ELEVATION PLAN

SHEET NUMBER
OMD-7
ELI OF I



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 (BY OTHERS) RE: SHEET E3 FOR MOUNTING SUPPORT

INDICATES MOUNTED FAN

AI	GENERAL NOTES	A6	NOT USED	AI0	NOT USED
N.T.S.	.	.	.	.	.

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/01/2025

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

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

NOTICE: THIS DOCUMENT IS THE PROPERTY OF LANE COMPANY. NEITHER THIS DOCUMENT NOR ANY DATA OR INFORMATION HEREIN SHALL BE COPIED OR REPRODUCED IN ANY MANNER, LOANED OTHERWISE DISPOSED OF, OR USED FOR ANY PURPOSE WHATSOEVER, WITHOUT THE PRIOR WRITEN PERMISSION OF LANE COMPANY. IF THIS DOCUMENT IS LOANED BY OR WITH THE AUTHORITY OF LANE COMPANY, THE BORROWER, IN CONSIDERATION OF SUCH LOAN, AGREES TO THE FORGOING CONDITIONS AND TO RETURN THIS DOCUMENT ON REQUEST OR UPON COMPLETION OF THE SPECIFICALLY AUTHORIZED WORK FOR WHICH IT WAS USED.

STATE OF MISSOURI
RICHARD P. MCCASKEY
E-2000164393
REGISTERED PROFESSIONAL ENGINEER

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

REVISION SCHEDULE
NO. DATE DESCRIPTION

JOB NO. LSC: 78798
PRINTED FOR ISSUED FOR PERMIT
DATE 10/17/2024
DRAWN BY RED

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representative.

SHEET
CANOPY LIGHT LAYOUT
SHEET NUMBER
OMD-8
LL1 OF 1