• ———Е ———Е ——— ----E----EX. ELECTRIC LINE _____G_____ — — — G— – — — G— — **EX. GAS LINE** _____T_____ -T-T-T-T-T-T-T-TEX. TELEPHONE LINE _____LAT _____LAT _____ — ST ——— _____ RD _____ RD _____ - - - - - - - - - - - **EX. STORM SEWER** ______WS ______WS ______ — — — w— – — w— — EX. WATER LINE ____x____ — — — EX. CURB

LEGEND

PROP. FDC EX. FIRE HYDRANT PROP. VALVE EX. VALVE PROP. MANHOLE EX. MANHOLE PROP. BOX INLET EX. BOX INLET EX. POWER POLE EX. TREE EX. LIGHT POLE EX. CABLE T.V. LINE PROP. ELECTRIC LINE PROP. GAS LINE PROP. TELEPHONE LINE PROP. SANITARY SEWER PROP. SANITARY LATERAL PROP. STORM SEWER PROP. ROOF DRAIN PROP. WATER LINE PROP. WATER SERVICE EX. FENCE PROP. CURB

UTILITY CONTACTS **PLANNING** CITY OF LEE'S SUMMIT DEPARTMENT OF PLANNING & DEVELOPMENT 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 ROBERT G. MCKAY 816-969-1601 robert.mckay@cityofls.net

CITY OF LEE'S SUMMIT DEPARTMENT OF PLANNING & DEVELOPMENT 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 CHRISTINA ALEXANDER 816-969-1607 Christina.alexander@cityofls.net

FIRE DEPARTMENT CITY OF LEE'S SUMMIT FIRE DEPARTMENT 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 JIM EDEN 816-969-1303 jim.eden@cityofls.net

SANITARY SEWER/WATER SERVICE/STORM DRAINAGE/EROSION CONTROL CITY OF LEE'S SUMMIT DEPARTMENT OF PUBLIC WORKS 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 DAVID G LOHE 816-969-1814 david.lohe@cityofls.net

<u>GAS SERVICE</u> MISSOURI GAS ENERGY BOBBIE SAULSBERRY 816-969-2266 bobbie.saulsberry@sug.com

ELECTRIC SERVICE KCP & L 1300 SE HAMBLEN ROAD LEE'S SUMMIT, MO 64081 DOUG DAVIN 816-347-4320 doug.davin@kcpl.com

<u>TELEPHONE</u> AT&T HOLLY GRUBER

913-383-4853 hg1753@att.com

	Requ	uired			Require Certifi Occur	cate of	Signe Sealed Requ	Survey
As-built Type	Yes	No	Horizontal	Vertical	Yes	No	Yes	No
Sanitary Service								
Storm Sewer								
Storm Water BMP's								
Water Service								
Full Site								

GENERAL NOTES

BENCHMARKS

PK NAIL

PK NAIL

PK NAIL

ELEVATION = 1018.68

ELEVATION = 1018.19

ELEVATION = 1018.46

TBM #1 -

TBM #3 —

TBM #2

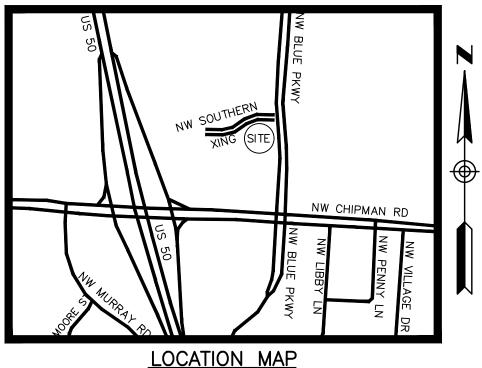
- THE CONSTRUCTION OF THIS PROJECT SHALL BE GOVERNED BY THE CITY OF LEE'S SUMMIT CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT EDITION, THE CITY OF LEE'S SUMMIT STANDARD CONSTRUCTION DRAWINGS, AND THE CITY ENGINEERS AND STANDARD CONSTRUCTION DRAWINGS.
- 2. ALL DISTURBED GREEN AREAS SHALL BE TOP DRESSED AND RE-SEEDED.
- 3. CALL MISSOURI ONE CALL, 811, 48 HOURS PRIOR TO CONSTRUCTION.
- 4. ALL STORM SEWERS SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) SMOOTH LINED PIPE MEETING AASHTO M294 (UNLESS OTHERWISE STATED), TYPE S MAY BE USED.
- 5. EARTHWORK AND SITE PREPARATION SHALL BE AS SPECIFIED IN THE SOILS REPORT.
- 6. ELECTRICAL CONDUIT SHALL BE AS REQUIRED BY THE POWER COMPANY.
- 7. TELEPHONE CONDUIT SHALL BE AS REQUIRED BY THE PHONE COMPANY.
- 8. GAS SERVICE SHALL BE AS REQUIRED BY THE GAS COMPANY.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS IN THE ENGINEERING AND BUILDING DEPARTMENTS.
- 10. ROOF DRAINS MUST BE CONNECTED DIRECTLY TO THE STORM SEWER.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL SILTATION CONTROL MEASURES NECESSARY TO PREVENT SILT FROM LEAVING THE SITE.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR LEGAL REMOVAL OF DEMOLITION MATERIAL AND DEBRIS. 13. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITION, OR BETTER.
- 14. ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- 15. PRICES BID PER FOOT FOR ALL PIPES IS COMPLETE IN PLACE REGARDLESS OF SOIL OR ROCK CONDITIONS.
- 16. TEMPORARY SOIL EROSION AND SEDIMENT CONTROL WILL BE REQUIRED IN ACCORDANCE WITH THE CITY OF LEE'S SUMMIT ENGINEERING DEPARTMENT.
- 17. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE CITY ENGINEER AND PUBLIC WORKS DEPARTMENT PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.
- 18. ALL STORM SEWER RUN DISTANCES ARE FROM CENTERLINE TO CENTERLINE OF MANHOLES OR CATCH BASINS. ALL PIPE INVERT ELEVATIONS GIVEN AT MANHOLES ARE AT CENTERLINE OF MANHOLE. ALL STORM SEWER INLETS AND MANHOLES ARE TO HAVE TOP ELEVATIONS.
- 19. A 12 INCH. MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED FROM THE OUTSIDE EDGE OF ALL WATER MAIN PIPE TO THE OUTSIDE EDGE OF ALL STORM SEWER PIPE.
- 20. A 4 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE OUTSIDE EDGE OF ALL WATER MAIN PIPE TO THE OUTSIDE EDGE OF ALL STORM SEWER PIPE.
- 21. A 10 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE OUTSIDE EDGE OF THE WATER MAIN PIPE TO THE OUTSIDE EDGE OF THE SANITARY SEWER PIPE OR FORCE MAIN PIPE.
- 22. AN 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED FROM THE OUTSIDE EDGE OF ALL WATER MAIN PIPE TO THE OUTSIDE EDGE OF ALL SANITARY SEWER OR FORCE MAIN PIPE.
- 23. ALL SANITARY SEWERS SHALL CONSIST OF PVC SDR-35 MEETING ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3212 UNLESS OTHERWISE NOTED.
- 24. ALL ASPHALT MATERIALS SHALL CONFORM TO THE KCMMB ASPHALT MATERIAL SPECIFICATION, CURRENT EDITIION.





SUMMIT FAIR FSU **STORE #2859** SITE PLAN DOCUMENTS

690 NW BLUE PARKWAY CITY OF LEE'S SUMMIT COUNTY OF JACKSON STATE OF MISSOURI



NOT TO SCALE LATITUDE N 38°55'38" (38.9272) LONGITUDE W 94°24'04" (-94.4011)

PREPARED FOR: APPLICANT/OWNER: CHICK-FIL-A, INC. 5200 BUFFINGTON RD. ATLANTA, GEORGIA 30349-2998 CONTACT: JOHN ROMANELLO PHONE: (404) 765-8000 EMAIL: John.Romanello@cfacorp.com

> PREPARED BY: **TBC** DESIGN, INC.

565 White Pond Dr. Akron, OH 44320-1123 Phone 330-836-0228 Fax 330-836-5782 CONTACT: GARY R. ROUSE, P.E. EMAIL: grouse@gbcdesign.com

CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AND CROSSINGS AS SHOWN ON SITE PLANS (SANITARY, STORM WATER, GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE START OF CONSTRUCTION. CONTACT ALLAN WILEY AT GBC DESIGN, INC., 330-836-0228, WITH ANY CONCERNS OR CONFLICTS PRIOR TO THE START OF CONSTRUCTION CONTRACTOR TO VERIFY THE THICKNESS OF ANY OFF-SITE PAVEMENT (ASPHALT AND CONCRETE) AND SIDEWALK SO THE RESTORATION WORK IS INCLUDED IN THE BID.

FLOOD ZONE DESIGNATION: THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING ZONE DESIGNATIONS OF "X" BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO.29095C0417G, WITH A MAP REVISED DATE OF JANUARY 20, 2017 IN CITY OF LEE'S SUMMIT, JACKSON COUNTY IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

LAND DESCRIPTION

LOT 28, MINOR PLAT OF SUMMIT FAIR, LOTS 28, 29 AND 30, A SUBDIVISION IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, ACCORDING TO THE RECORDED PLAT THEREOF, RECORDED FEBRUARY 9, 2010, AS DOCUMENT NO.2010E0012640, IN PLAT BOOK 131 AT PAGE 66.

OIL AND GAS WELLS

BASED ON THE AS-BUILT SURVEY DATED 6/13/2023 BY YOUNG-HOBBS & ASSOCIATES THERE ARE NO OIL AND GAS WELLS ON-SITE.

> **RELEASED FOR CONSTRUCTION** As Noted on Plan Review

Development Services Department Lee's Summit, Missouri 03/14/2024



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



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PRCOM20236522

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REVISION SCHEDULE NO. DATE

DESCRIPTION



CLIENT INFORMATION SITE ADDRESS PARKING COUNT

GBC DESIGN, INC. 565 WHITE POND DRIVE AKRON, OH 44320

OWNER INFORMATION

THE CHICK-FIL-A INC. PROPERTY PARCEL 51-700-04-20-00-0-000 RECORDED IN DOC. 2012E0023733 LOT 28 OF THE MINOR PLAT OF SUMMIT FAIR, LOTS 28, 29 AND 30, A SUBDIVISION LOCATED IN SECTION 36, TOWNSHIP 48 NORTH, RANGE 32 WEST, AND RECORDED AS DOCUMENT 2010E0012640, CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

690 NW BLUE PKWY. LEE'S SUMMIT, MO 64086 REGULAR SPACES:

HANDICAP SPACES: TOTAL SPACES:

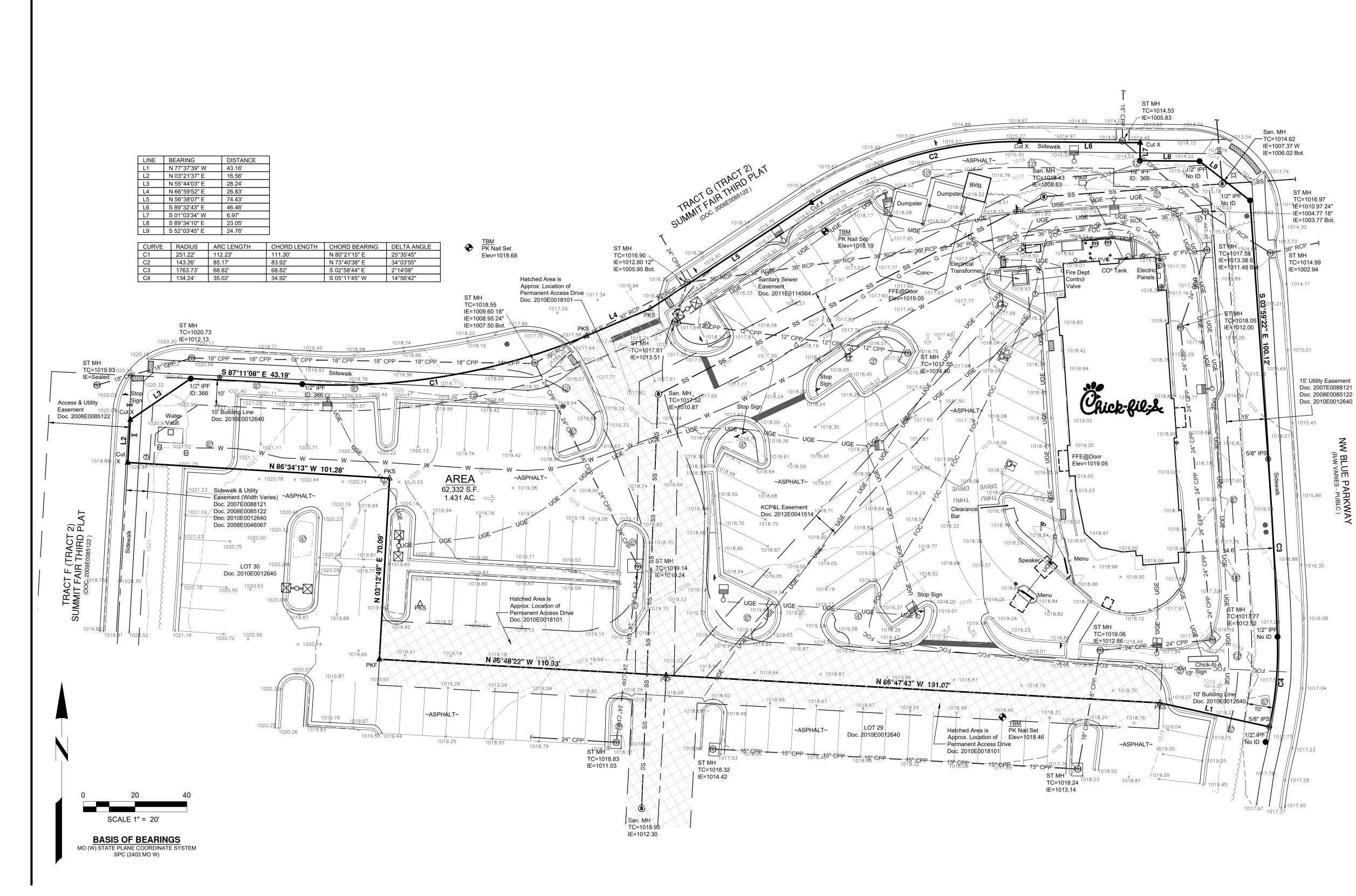
LOCATION MAP NTS W CHIPMAN RD



LOT 28, MINOR PLAT OF SUMMIT FAIR, LOTS 28, 29 AND 30, A SUBDIVISION IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, ACCORDING TO THE RECORDED PLAT THEREOF, RECORDED FEBRUARY 9, 2010, AS DOCUMENT NO. 2010E0012640, IN PLAT BOOK 131 AT PAGE 66.

BOUNDARY NOTE:

THIS SURVEY IS A RETRACEMENT OF THE CHICK-FIL-A INC. PROPERTY (RECORDED IN DOC. 2012E0023733) ALTA/NSPS SURVEY CONDUCTED BY SHERRILL ASSOCIATES, INC. DATED FEBRUARY 27, 2012. EASEMENTS SHOWN HEREON ARE TAKEN FROM SAID ALTA/NSPS SURVEY. A TITLE UPDATE CONDUCTED BY FIDELITY NATIONAL TITLE, WITH A DATE OF MAY 4. 2023, WAS PROVIDED TO THIS SURVEYOR. SAID TITLE UPDATE CONTAINED AN EASEMENT CONVEYANCE IN FAVOR OF KCP&L GREATER MISSOURI OPERATIONS COMPANY, RECORDED ON APRIL 18, 2012 IN INSTRUMENT NO. 2012E0041514.



67

SITE UTILITIES

CITY OF LEE'S SUMMIT (WATER, STORM, SEWER) 22 SE GREEN STREET LEE'S SUMMIT. MO 64063 816-969-1900

MISSOURI GAS ENERGY (NATURAL GAS) PO BOX 412662 KANSAS CITY, MO 64141-2662 816-756-5252

KANSAS CITY POWER & LIGHT (ELECTRICITY) 888-471-5275 AT&T

(TELEPHONE) 800-464-7928 TIME WARNER (CABLE TV) 816-358-8833

816-969-1600

COMCAST (CABLE TV) 816-833-3400 PLANNING AND DEVELOPMENT DEPARTMENT 220 SE GREEN STREET

LEE'S SUMMIT, MO 64063

PRELIMINARY, NOT FOR **RECORDING OR** TRANSFER

RELEASED FOR CONSTRUCTION As Noted on Plan Review

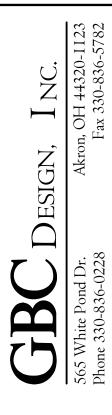
Development Services Department Lee's Summit, Missouri 03/14/2024

YOUNG - HOBBS AND ASSOCIATES 1202 CROSSLAND AVE CLARKSVILLE, TN 37040 PHONE 931-645-2524 FAX 931-645-2768

YHA PROJECT #	102-23
DATE (FIELD)	6 / 5/23
DATE (OFFICE)	6 /12/23
CHECKED BY	DRH



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



SURVEY NOTES:

INFORMATION REGARDING THE PRESENCE, SIZE AND LOCATION OF UNDERGROUND UTILITIES IS SHOWN HEREON. THIS INFORMATION HAS BEEN SHOWN BASED ON THE LOCATION ABOVE GROUND APPURTENANCES, AVAILABLE DESIGN PLANS, AND FLAGS AND PAINT PLACED BY THE UNDERGROUND PROTECTION SERVICE. NO CERTIFICATION IS MADE AS TO THE ACCURACY OF THOROUGHNESS OF THE INFORMATION CONCERNING UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON. (MISSOURI ONE CALL 1-800-DIG-RITE). THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A PRIVATE UTILITY LOCATE.

CONTACT PROPER AUTHORITIES BEFORE BUILDING NEAR UTILITY LINES, FOR EASEMENT WIDTH AND RESTRICTIONS. UTILITIES ARE APPROXIMATE AND SHOULD BE VERIFIED PRIOR TO ANY CONSTRUCTION.

UNLESS STATED OTHERWISE, ANY MONUMENT REFERRED TO HEREIN AS AN "IRON PIN SET" IS A SET 5/8" DIAMETER REBAR, WITH AN YELLOW PLASTIC CAP STAMPED "YOUNG-HOBBS

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON OR ENTITIES NAMED HERON, NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

LIST OF ENCROACHMENTS: NONE

THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING ZONE DESIGNATIONS OF "X" BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 29095C0417G, WITH A MAP REVISED DATE OF JANUARY 20, 2017, IN CITY OF LEE'S SUMMIT, JACKSON COUNTY IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED."

CONTOURS WERE DERIVED FROM RANDOM SHOTS AND CROSS SECTIONS AND ARE SHOWN AT ONE FOOT INTERVALS. ELEVATIONS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS TOGETHER WITH AN OPUS SOLUTION, DATED 6/13/2023 (NAVD88,GEOID18).

I DO HEREBY STATE THAT THIS IS A TRUE, COMPLETE AND CORRECT SURVEY OF THE DESCRIBED REAL PROPERTY SITUATED IN THE COUNTY OF GREENE, MISSOURI AND THAT THIS SURVEY WAS EXECUTED IN ACCORDANCE WITH THE CURRENT MISSOURI MINIMUM STANDARDS FOR PROPERTY SURVEYS (URBAN SURVEY 1:20,000)

LEGEND

LEGEND	
© ———	IRON PIN SET (IPS)
ě	IRON PIN FOUND, AS NOTED
Å	BENCHMARK, AS NOTED
↓	BOLLARD
*	SIGN, AS NOTED
•	SEWER CLEAN OUT
8 ————————————————————————————————————	SEWER MANHOLE
	FIRE HYDRANT
	WATER VALVE
	WATER METER
E	ELECTRIC VAULT
	TRAFFIC POLE
Ê	ELECTRIC METER
	OUTLET (ELECTRIC)
ō	ROOF DRAIN
↔	IRRIGATION VALVE
	GAS METER
•	GATE POST
0	TELEPHONE BOX
	STORM MANHOLE
	PROPERTY LINE
	EASEMENT LINE
<u> </u>	SETBACK LINES
UGE	UNDERGROUND ELECTRIC
——————————————————————————————————————	FENCE LINE
———— G ———	GAS LINE, AS NOTED
— W —	WATER LINE, AS NOTED
SS	SANITARY SEWER, AS NOTED
——— FOC ——	
ST	STORM SEWER PIPE, AS NOTED
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	LIGHT POLE
	LIGHT POLE(2-WAY)

 $\mathbf{O}$ Σ SUMMIT. فح Δ. -**N BLUE F** SUMMIT, **_** () 690 | LEE' 

### FSU# 2859

**REVISION SCHEDULE**NO.DATE

DESCRIPTION

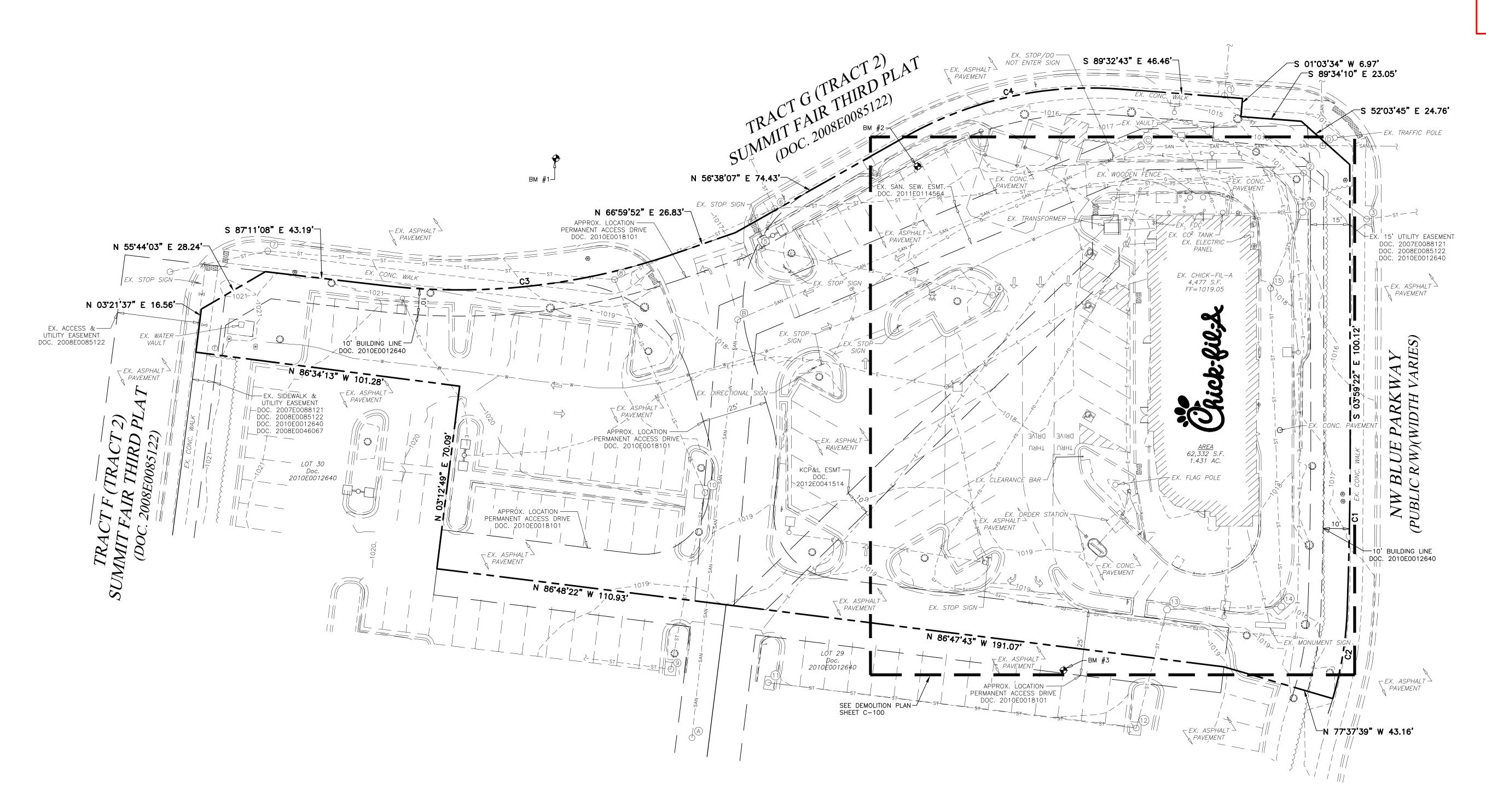
4086

GBC PROJECT #	
PRINTED FOR	
DATE	<u>6 /13/23</u>
DRAWN BY	KAB/CLH

authorized project representative

AS-BUILT SURVEY SHEET 1 OF 1 SHEET NUMBER C-010 CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AND CROSSINGS AS SHOWN ON SITE PLANS (SANITARY, STORM, WATER, GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE START OF CONSTRUCTION. CONTACT ALLAN WILEY AT GBC DESIGN, INC., 330-836-0228, WITH ANY CONCERNS OR CONFLICTS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR TO VERIFY THE THICKNESS OF ANY OFF-SITE PAVEMENT (ASPHALT AND CONCRETE) AND SIDEWALK SO THE RESTORATION WORK IS INCLUDED IN THE BID.

FLOOD ZONE DESIGNATION: THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING ZONE DESIGNATIONS OF "X" BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO.29095C0417G, WITH A MAP REVISED DATE OF JANUARY 20, 2017, IN CITY OF LEE'S SUMMIT, JACKSON COUNTY IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.



### LEGEND

	_	
$\wedge$	EX.	FIRE H
$\bowtie$	EX.	VALVE
$\bigcirc$	EX.	MANHO
	EX.	CATCH
	EX.	BOX IN
	EX.	LIGHT
Ц.	EX.	DECOR
ø	EX.	POWER
$\bigcirc$	EX.	TREE
	EX.	TELEPH
— — — E — — — — E — —	EX.	ELECTR
——————————————————————————————————————	EX.	OVERH
— — G— - — G— —	EX.	GAS LI
SAN	EX.	SANITA
- — — ST — - — — ST — -	EX.	STORM
— — — W— – — — W— —	EX.	WATER
	EX.	CURB

. FIRE HYDRANT (. VALVE . MANHOLE CATCH BASIN . BOX INLET K. LIGHT POLE  $(\Phi)$ . DECORATIVE LAMP . POWER POLE . TREE . TELEPHONE LINE . ELECTRIC LINE . OVERHEAD WIRE . GAS LINE . SANITARY SEWER . STORM SEWER <u>SCALE: 1" = 20'</u> . WATER LINE

**RELEASED FOR CONSTRUCTION** 

**Development Services Department** 

03/14/2024

EXISTING STORM SEWER

STRUCTURE SCHEDULE

INV. 1005.83, 18"N

INV. 1005.83, 18" SE

1. EX. CURB INLET M.H. TOP 1014.53

2. EX. STM. M.H. TOP 1016.97

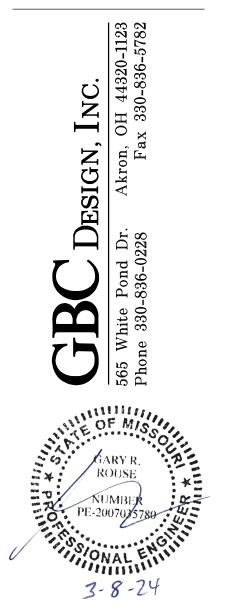
Lee's Summit, Missouri

As Noted on Plan Review

	INV. 1004.77, 18"NW INV. 1003.77, 36"SE INV. 1003.77, 36"W INV. 1010.97, 24"S
3.	EX. CURB INLET M.H. TOP 1014.99 INV. 1002.94, 36" NW INV. 1002.94, 36" E
4.	EX. CATCH BASIN TOP 1017.55 INV. 1014.40, 12" W
5.	EX. CURB INLET M.H. TOP 1017.61 INV. 1013.51, 12" E INV. 1013.51, 12" N
6.	EX. CURB INLET M.H. TOP 1016.90 INV. 1012.80, 12" S INV. 1005.95, 36" E INV. 1006.11, 24" NW INV. 1005.95, 30" SW
7.	EX. STM. M.H. TOP 1020.73 INV. 1012.13, 18" W INV. 1012.13, 18" E
8.	EX. STM. M.H. TOP 1018.55 INV. 1009.60, 18" W INV. 1007.50, 30" NE INV. 1008.95, 24" SE
9.	EX. CURB INLET M.H. TOP 1018.83 INV. 1011.03, 24" W INV. 1011.03, 24" N
10.	EX. CURB INLET M.H. TOP 1019.14 INV. 1010.24, 24" S INV. 1010.24, 24" NW
11.	EX. CATCH BASIN TOP 1018.32 INV. 1014.42, 15" E
1 <i>2</i> .	EX. CURB INLET M.H. TOP 1018.24 INV. 1013.14, 15"W INV. 1013.14, 18"N
13.	EX. CURB INLET M.H. TOP 1019.06 INV. 1012.66, 18" S INV. 1012.66, 24" E
14.	EX. CURB INLET M.H. TOP 1017.77 INV. 1012.32, 24"W INV. 1012.32, 24"N
15.	EX. STM. M.H. TOP 1018.05 INV. 1012.00, 24"S INV. 1012.00, 24"N
16.	EX. CURB INLET M.H. TOP 1017.58 INV. 1011.48, 24" S INV. 1011.48, 24" N
<u>EXI</u> <u>S</u>	INV. 1013.38, 6" W STING SANITARY SEWEF TRUCTURE SCHEDULE
А.	EX. SAN. M.H. TOP 1018.95 INV. 1012.30, 8" N
В.	EX. SAN. M.H. TOP 1017.52 INV. 1010.87, 8"S INV. 1010.87, 8"NE
С.	EX. SAN. M.H. TOP 1018.43 INV. 1008.63, 8" SW INV. 1008.63, 8" E
D.	EX. SAN. M.H. TOP 1014.62 INV. 1007.37, 8"W INV. 1006.02, 8"E INV. 1006.02, 8"N



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



**CHICK-FIL-A CHICK-FIL-A** SUMMIT FAIR FSU SUMMIT FAIR FSU CUSTOM PROJECT SOLUTIONS G00 NW BLUE PARKWAY LEE'S SUMMIT, MO 64086

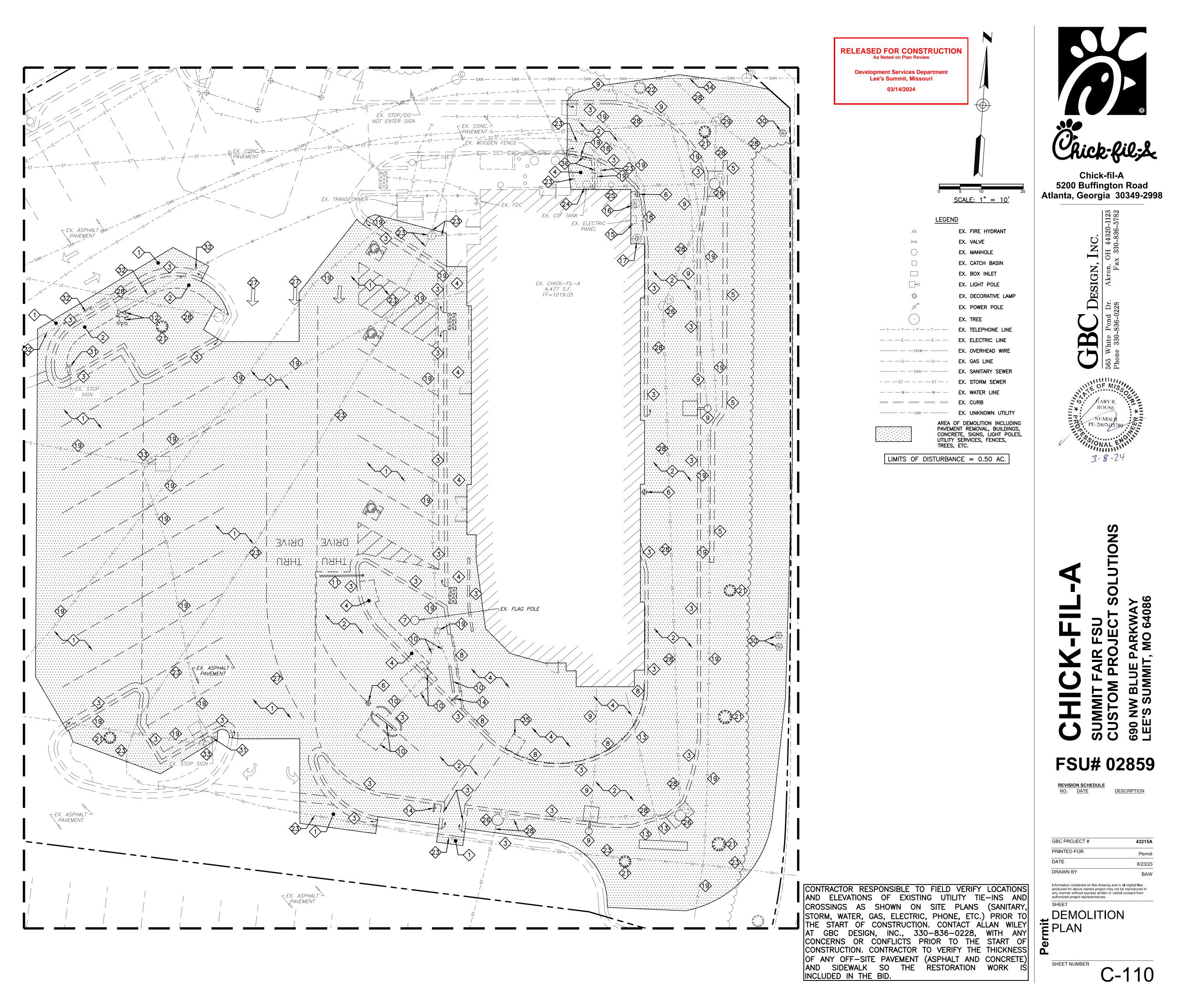
REVISION SCHEDULE NO. DATE

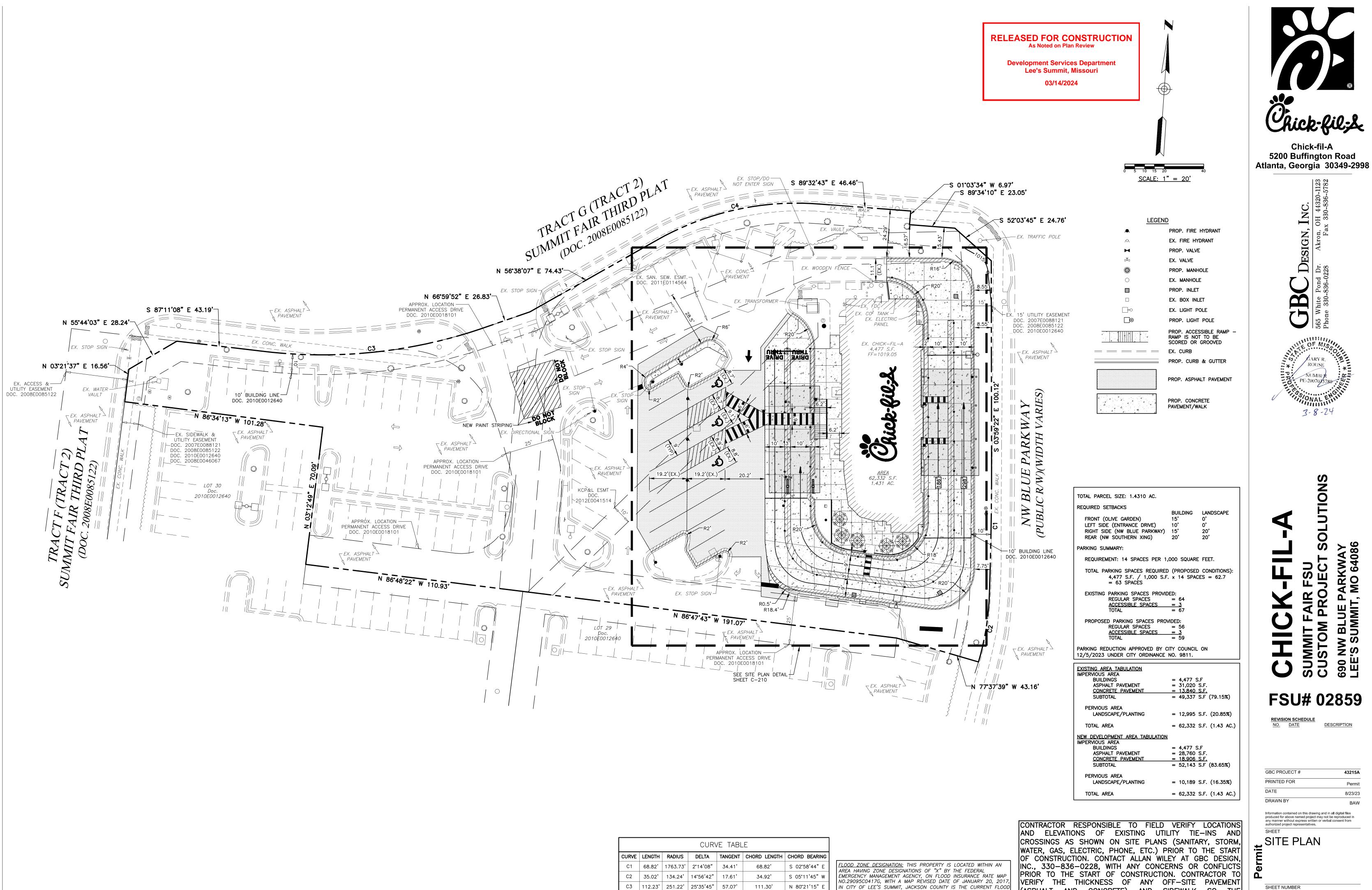
DESCRIPTION



### DEMOLITION NOTES

- 1 EXISTING ASPHALT PAVEMENT TO BE SAWCUT FULL DEPTH AND REMOVED AS NEEDED FOR NEW CONSTRUCTION
- EXISTING CONCRETE PAVEMENT TO BE SAWCUT AND REMOVED AS NEEDED FOR NEW CONSTRUCTION
- 3 EXISTING CONCRETE CURB TO BE SAWCUT AND REMOVED AS NEEDED FOR NEW CONSTRUCTION
- EXISTING CONCRETE SIDEWALK TO BE SAWCUT AT NEAREST JOINT AND REMOVED AS NEEDED FOR NEW CONSTRUCTION
- 5 EXISTING WALL TO BE REMOVED
- $\langle 6 \rangle$  EXISTING BOLLARD TO BE REMOVED
- $\langle 7 \rangle$  EXISTING FLAG POLE TO BE REMOVED
- (8) EXISTING RAILING TO BE REMOVED
- (9) EXISTING LIGHT POLE & ASSOCIATED UTILITIES TO BE RELOCATED
- (D) EXISTING ORDER STATION & ASSOCIATED UTILITIES TO BE REMOVED
- (1) EXISTING CLEARANCE BAR TO BE REMOVED
- $\langle 2 \rangle$  EXISTING HYDRANT ASSEMBLY TO BE RELOCATED
- ₹ → EXISTING MONUMENT SIGN & ASSOCIATED UTILITIES TO BE RELOCATED
- 4 EXISTING SIGN TO BE REMOVED
- (15) EXISTING UTILITY PANEL TO REMAIN
- (6) EXISTING ELECTRIC METER TO REMAIN
- $\langle 1 \rangle$  Existing gas meter to remain
- (18) EXISTING GAS SERVICE TO REMAIN
- (19) EXISTING ELECTRIC TO REMAIN
- 20 EXISTING STORM STRUCTURE TO REMAIN
- ⟨2⟩ EXISTING TREE TO BE REMOVED
- $\langle 2 \rangle$  EXISTING TREE TO REMAIN
- $\langle 2 \rangle$  EXISTING COMMUNICATIONS TO REMAIN
- $\langle 24 \rangle$  EXISTING CO2 TANK TO REMAIN
- $\langle 25 \rangle$  existing downspout to remain
- 26 EXISTING STORM STRUCTURE TO REMAIN. CONTRACTOR TO MODIFY EXISTING STRUCTURE TO PROPOSED CONDITIONS SHOWN ON SHEET C-300
- NEEDED FOR NEW LAYOUT
- 28 EXISTING STORM SEWER TO REMAIN
- EXISTING STORM STRUCTURE TO REMAIN. CONTRACTOR TO REPLACE SOLID MANHOLE COVER WITH HEAVY DUTY OPEN GRATE COVER.
- (3) EXISTING IRRIGATION TO REMAIN
- $\langle 3 \rangle$  Existing sign to remain
- $\langle 2 \rangle$  existing water line to remain
- 3 EXISTING LIGHT POLE TO REMAIN
- $\langle 34 \rangle$  existing sanitary sewer to remain
- (35) EXISTING CASH STATION TO BE REMOVED
- EXISTING WOODEN FENCING TO BE REMOVED AND REPLACED





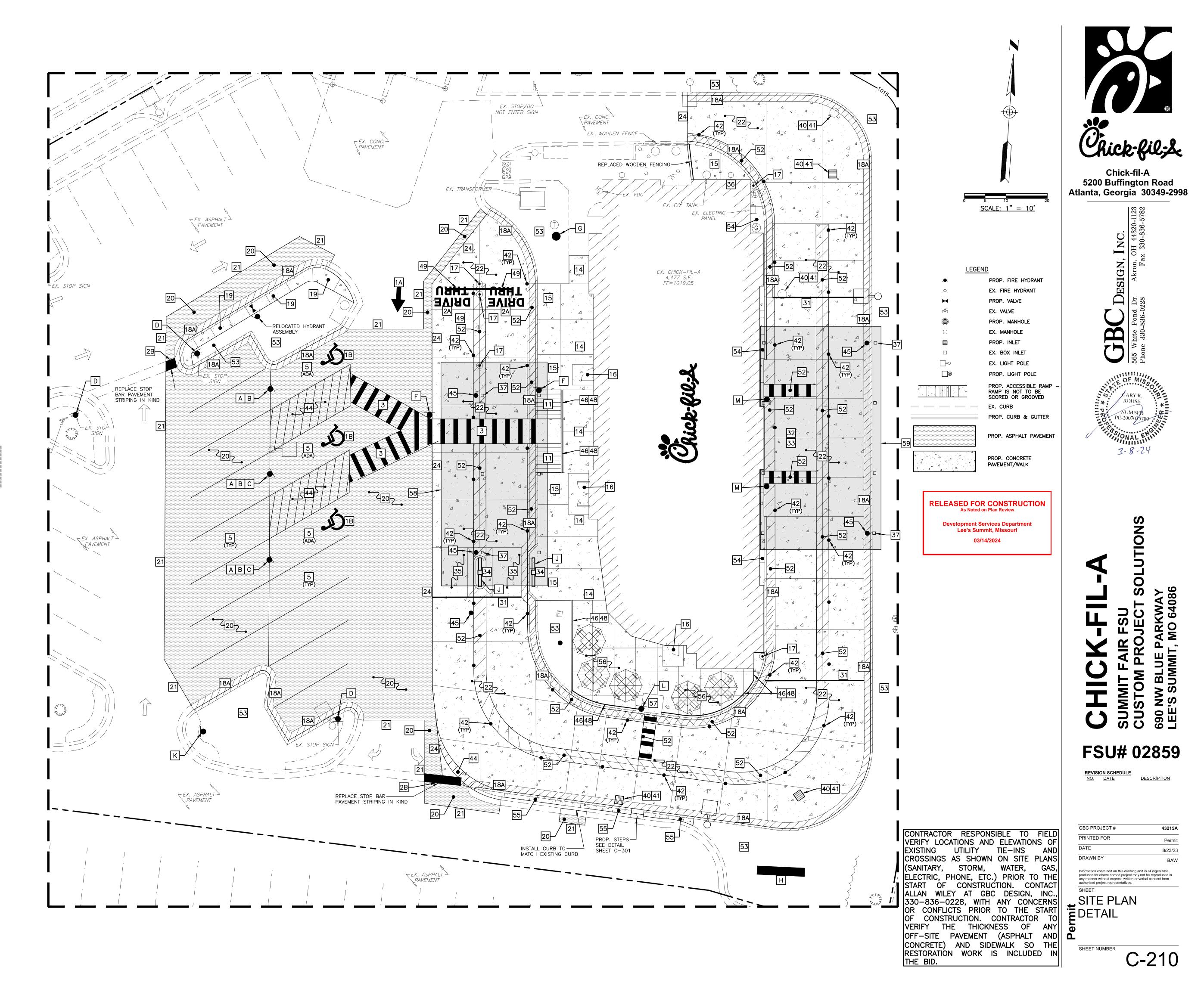
	CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD LENGTH	CHORD BEARING	
C1	68.82'	1763.73'	2•14'08"	34.41'	68.82'	S 02•58'44" E	
C2	35.02'	134.24'	14•56'42"	17.61'	34.92'	S 05°11'45" W	
C3	112.23'	251.22'	25 <b>°</b> 35'45"	57.07'	111.30'	N 80°21'15" E	
C4	85.17'	143.26'	34 <b>°</b> 03'55"	43.89'	83.92'	N 73°40'38" E	

IN CITY OF LEE'S SUMMIT, JACKSON COUNTY IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

VERIFY THE THICKNESS OF ANY OFF-SITE PAVEMENT (ASPHALT AND CONCRETE) AND SIDEWALK SO THE RESTORATION WORK IS INCLUDED IN THE BID.

C-200

PAINTED DIRECTIONAL ARROW	Detail
PAINTED ACCESSIBILITY PARKING SYMBOL PAINTED DRIVE—THRU GRAPHIC	detail Detail
PAINTED STOP BAR GRAPHIC	DETAIL
CROSSWALK MARKING	Detail
MULTI-LANE DIRECTIONAL GRAPHICS STANDARD OR ACCESSIBLE PARKING STALL PER CODE	DETAIL
SOLID PLASTIC WHEEL STOP	
BOLLARD MOUNTED SIGN	
CURB_RAMP_W/_SHORT_FLARED_SIDES_(GRASSED_AREAS) CURB_RAMP_W/_FLARED_SIDES_(IN_SIDEWALK)	
RETURNED CURB ACCESSIBLE RAMP	
SIDEWALK ACCESSIBLE RAMP	DETAIL
DETECTABLE WARNING DEVICE TYPICAL ADA RAMP & HANDRAIL	
CONCRETE SIDEWALK	DETAIL
CONCRETE SIDEWALK W/ CURB & GUTTER	DETAIL
ENTRY DOOR FROST SLAB DETAIL CONCRETE BOLLARD	detail Detail
CONCRETE CURB & GUTTER	DETAIL
18B       CATCHING CURB & GUTTER         18C       DEPRESSED SPILLING CURB & GUTTER	
18D     DEPRESSED CATCHING CURB & GUTTER	
	1111
18F       CATCHING GUTTER SECTION AT ACCESSIBLE RAMP         18G       MOUNTABLE CURB & GUTTER	
LANDSCAPE & IRRIGATION PROTECTOR	DETAIL
TYPICAL HMAC PAVEMENT SECTION	DETAIL
BUTT JOINT CONCRETE PAVEMENT DRIVE-THRU LANE	detail Detail
CONCRETE PAVEMENT DRIVE-THRU LANE	DETAIL — DETAIL
PAVEMENT EDGE DETAIL	Detail
(START AND END OF DRIVE-THRU LANES)	
TRANSVERSE & LONGITUDINAL CONTRACTION JOINT	
TRANSVERSE & LONGITUDINAL DOWELED CONSTRUCTION JOINT	r amr amr amr amr a
CONTRACTION JOINT	Detail
	DETAIL
EXPANSION JOINT	Detail
DRIVE-THRU PLAN - FLUSH WITH FFE	DETAIL
DRIVE-THRU ISOMETRIC DRIVE-THRU ORDER POINT ISLAND	detail Detail
MENU BOARD LOOP DETECTION SYSTEM	Detail
BUILDING DOWNSPOUT CONNECTION (TO SITE DRAINAGE SYSTEM)	
CANOPY DOWNSPOUT CONNECTION (TO SITE DRAINAGE SYSTEM) SCREENED REFUSE ENCLOSURE	
(REFER TO ARCH PLANS FOR ADDITIONAL DETAILS)	
CLEAN-OUT (OUTSIDE OF BUILDING) THICKENED PAVEMENT @ STRUCTURES	DETAIL
STORM STRUCTURE WEEP HOLE DETAILS	DETAIL
YELLOW SAFETY POST	Detail
BIKE RACK	DETAIL
STORM SEWER CLEANOUT	DETAIL
THICKENED SLAB EDGE AT RAILING CORE-DRILLS	Detail
ALUMINUM HANDRAIL (REFER TO ARCH PLANS) DRIVE-THRU CLEARANCE BAR (REFER TO SIGNAGE PACKAGE)	
GREASE TRAP	
PROPOSED TRANSFORMER STRIPING PER CHICK-FIL-A DUAL FLEX LANE REQUIREMENTS	
LANDSCAPED AREA	
4" THICK CONCRETE STRIP BETWEEN BUILDING & BACK OF CUR	B
4" THICK CONCRETE STRIP BETWEEN CURBS	
TYPICAL LOCATION FOR OUTDOOR TABLES (REFER TO ARCH PLAI CONCRETE PAD FOR OPTIONAL CASH STATION	12)
FREE-STANDING ORDER POINT CANOPY	
FREE-STANDING OUTSIDE MEAL DELIVERY CANOPY	
LEGEND ** CONTRACTOR TO REFER TO THE SIGNAGE PACKAGE FOR	
** CONTRACTOR TO REFER TO THE SIGNAGE PACKAGE FOR PLACEMENT AND SPECIFICATIONS OF ALL SIGNS **	
ACCESSIBLE PARKING SIGN (SEE SIGNAGE PACKAGE) R7-8; 12"x18" (TYP.)	
ACCESSIBLE PARKING FINE SIGN (SEE SIGNAGE PACKAGE)	)
"VAN ACCESSIBLE" SIGN (SEE SIGNAGE PACKAGE)	.)
R7-8P; 6"x12" (TYP.)	ل <u>ا</u> : ]
DO NOT ENTER SIGN (SEE SIGNAGE PACKAGE) R5-1; 24"x24" (TYP.)	
STOP SIGN (SEE SIGNAGE PACKAGE) R1-1; 30"x30" (TYP.)	
CFA PEDESTRIAN CROSSING SIGN (SEE SIGNAGE PACKAGE)	
RELOCATED FLAG POLE RELOCATED CFA MONUMENT SIGN	
DIGITAL DRIVE-THRU MENU BOARDS	
DIGITAL DRIVE-THRU MENU BOARDS "ONE WAY" SIGN (SEE SIGNAGE PACKAGE)	



### GRADING & UTILITY NOTES

- LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. ALL PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL UTILITIES AND SERVICES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE SHALL BE VERTICALLY AND HORIZONTALLY LOCATED. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- DEFINE AND LOCATE VERTICALLY AND HORIZONTALLY ALL ACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.
- THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING 10. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION 18. UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.

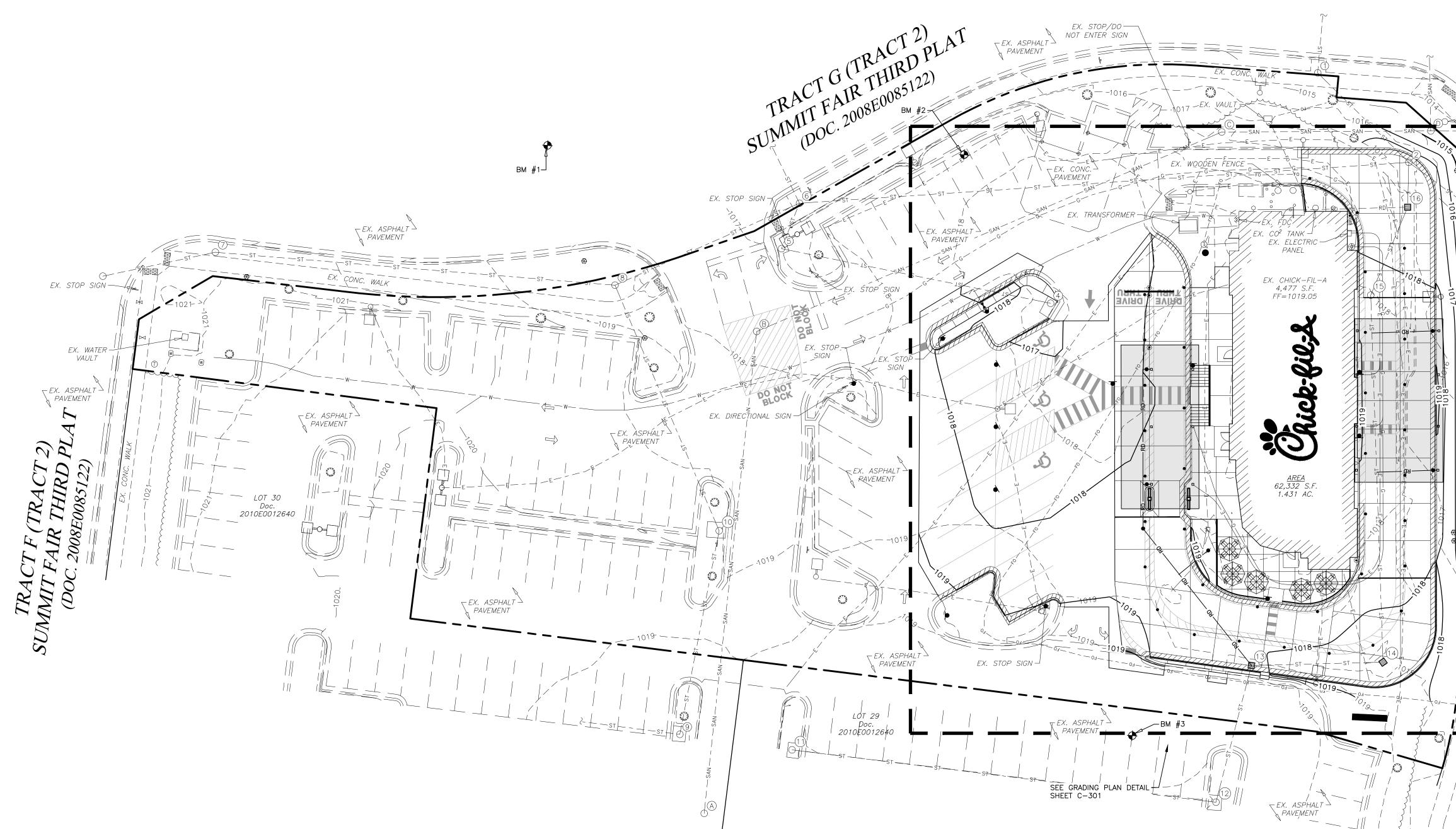
CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND 11. ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE UTILITY SERVICE SIZES ARE TO BE DETERMINED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES, TO AVOID CONFLICTS AND ENSURE PRÓPER DEPTHS ARE ACHIEVED. THE JURISDICTION UTILITY REQUIREMENTS SHALL ALSO BE MET, AS WELL AS COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME.

WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS SHALL BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.

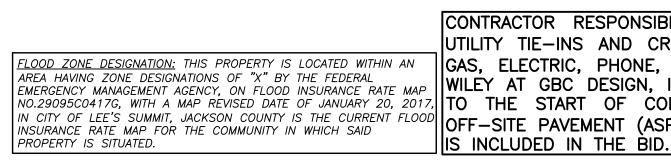
ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE 14. TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.

SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL BE SUBMITTED IN COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER. REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER OR OWNER'S REPRESENTATIVE, SUBBASE IS TO BE REMOVED 17. AND FILLED WITH APPROVED FILL MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT.

SHALL BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND SHALL BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS.



- THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- 12. PAVEMENT SHALL BE SAW CUT IN STRAIGHT LINES TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED
- 13. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS SHALL BE ADJUSTED, IF REQUIRED, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL APPLICABLE STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MINIMUM SLOPE ALONG ALL ISLANDS, GUTTERS, AND CURBS; 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COST MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITHOUT NOTIFICATION IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- 15. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER TO APPROVE FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION.
- IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE. IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS.
- CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK.
- CONDITION OF EXISTING UNDERGROUND STORAGE TO BE DETERMINED PRIOR TO START OF CONSTRUCTION. AS DETERMINED BY INSPECTION OF EXISTING SYSTEM CLEANING MAY BE REQUIRED PRIOR TO START OF CONSTRUCTION. REPORT CONDITION TO PROJECT ENGINEER IN ADDITION TO MODIFICATION TO OUTLET PIPE OTHER ADJUSTMENTS TO SYSTEM MAY BE REQUIRED BASED ON CONDITION OF SYSTEM.



LEGE	END		
*	PROP. FDC		
<i>\</i> ∧. ►	EX. FIRE HYDRANT PROP. VALVE		
	EX. VALVE		
	PROP. MANHOLE EX. MANHOLE		
	PROP. INLET		
	EX. INLET EX. GRADE		
×	PROP. TOP OF CURB ELEV. PROP. BOTTOM OF CURB ELEV	(	
00.00	PROP. FINISHED ELEVATION		Chick-fil:2
00.00	PROP. TOP OF WALL ELEV. PROP. BOTTOM OF WALL ELEV.		•
	POSITIVE DRAINAGE		Chick-fil-A 5200 Buffington Road
- — — ST — - — — ST — 	EX. STORM SEWER - PROP. STORM SEWER		Atlanta, Georgia 30349-2998
$\equiv \equiv \equiv \equiv \equiv$	EX. CURB	0 5 10 15 20 40	-5782
000	<ul> <li>PROP. CURB &amp; GUTTER</li> <li>PROP. CONTOURS</li> </ul>	<u>SCALE: 1" = 20'</u>	NC. H 44320-1123 330-836-5782
000	EX. CONTOURS		INC 0H 44 x 330
(M.E.)	MEET EXISTING ELEVATION		.N, J.
	EXISTING STORM SEV		
	STRUCTURE SCHEDU		DESIC ^{r. Ak}
	TOP 1014.53 INV. 1005.83, 18"N	RELEASED FOR CONSTRUCTION	Pond Dr. -836-0228
	INV. 1005.83, 18" SE 2. EX. STM. M.H.	As Noted on Plan Review Development Services Department	
	TOP 1016.97 (EX.) INV. 1004.77, 18" NW INV. 1003.77, 36" SE	Lee's Summit, Missouri 03/14/2024	White 330-
EX. TRAFFIC POLE	INV. 1003.77, 36" W INV. 1010.97, 24" S		Phone Phone
still	3. EX. CURB INLET M.H. TOP 1014.99 INV. 1002.94, 36" NW		OF MIDIA
	INV. 1002.94, 36" E 4. EX. CATCH BASIN		GARY R.
	TOP 1017.55 INV. 1014.40, 12"W		NUMBER
3 	5. EX. CURB INLET M.H. TOP 1017.61 INV. 1013.51, 12" E		PE-20070/5780
	INV. 1013.51, 12" N 6. EX. CURB INLET M.H.		NONAL ENIN
	TOP 1016.90 INV. 1012.80, 12"S		3-8-24
EX. ASPHALT	INV. 1005.95, 36"E INV. 1006.11, 24"NW INV. 1005.95, 30"SW		
	7. EX. STM. M.H. TOP 1020.73 INV. 1012.13, 18"W INV. 1012.13, 18"E		
	8. EX. STM. M.H.		
F = H	TOP 1018.55 INV. 1009.60, 18" W INV. 1007.50, 30" NE		S Z
AR	INV. 1008.95, 24" SE 9. EX. CURB INLET M.H.		<u>O</u>
	TOP 1018.83 INV. 1011.03, 24"W INV. 1011.03, 24"N		
	10. EX. CURB INLET M.H. TOP 1019.14		Solution →
	INV. 1010.24, 24" S INV. 1010.24, 24" NW		88 ≺ S
W)(H) = 1	11. EX. CATCH BASIN TOP 1018.32		
3L1	INV. 1014.42, 15" E 12. EX. CURB INLET M.H.		
	TOP 1018.24 INV. 1013.14, 15"W INV. 1013.14, 18"N		
	13. EX. CURB INLET M.H.	W #5250 FRAME & GRATE)	
	TOP 1019.06 (EX.) TOP 1018.16 (PROP.)		
 	INV. 1012.66, 18" S INV. 1012.66, 24" E		
	14. EX. CURB INLET M.H. <b>PROP. CATCH BASIN (EJI</b> TOP 1017.77 (EX.)	W #5250 FRAME & GRATE)	
	TOP 1017.40 (PRÓP.) INV. 1012.32, 24" W INV. 1012.32, 24" N		
	15. EX. STM. M.H. TOP 1018.05 (EX.)		
	TOP 1018.05 (EX.) TOP 1018.46 (PROP.) INV. 1012.00, 24" S INV. 1012.00, 24" N		FSU# 02859
	16. EX. CURB INLET M.H.	W #5250 FRAME & GRATE)	REVISION SCHEDULE NO. DATE DESCRIPTION
EX. ASPHALT	TOP 1017.58 (EX.) TOP 1017.39 (PROP.)	$\pi$ TOLOG I MANIE & UNAIE	
/	INV. 1011.48, 24"S INV. 1011.48, 24"N INV. 1013.38, 6"W		
			GBC PROJECT # 43215A
			PRINTED FOR Permit
			DATE 8/23/23 DRAWN BY BAW

CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AND CROSSINGS AS SHOWN ON SITE PLANS (SANITARY, STORM, WATER, FLOOD ZONE DESIGNATION: THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING ZONE DESIGNATIONS OF "X" BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO.29095C0417G, WITH A MAP REVISED DATE OF JANUARY 20, 2017, IN CITY OF LEE'S SUMMIT, JACKSON COUNTY IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID OFF-SITE PAVEMENT (ASPHALT AND CONCRETE) AND SIDEWALK SO THE RESTORATION WORK

C-300

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, GRADING PLAN

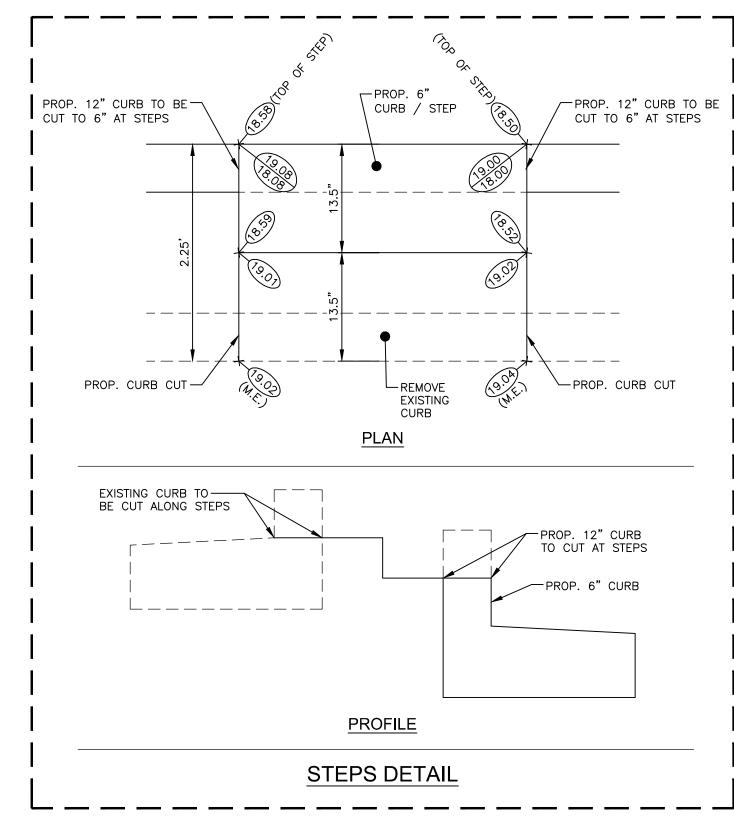
authorized project representatives.

SHEET

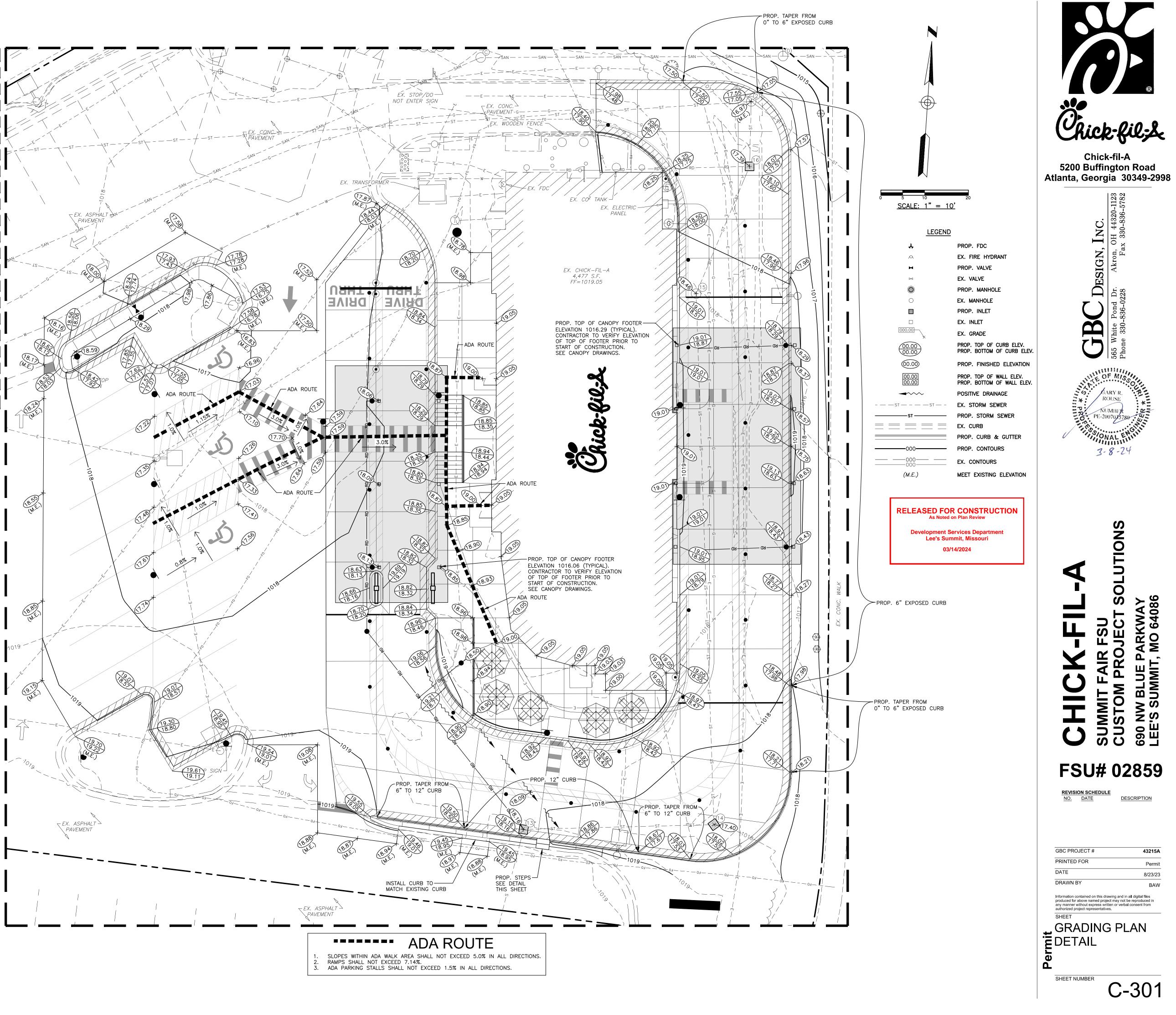
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CONTRACTOR RESPONSIBLE TO FIELD VERIFY
LOCATIONS AND ELEVATIONS OF EXISTING
UTILITY TIE-INS AND CROSSINGS AS SHOWN
ON SITE PLANS (SANITARY, STORM, WATER,
GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE
START OF CONSTRUCTION. CONTACT ALLAN
WILEY AT GBC DESIGN, INC., 330-836-0228,
WITH ANY CONCERNS OR CONFLICTS PRIOR TO
THE START OF CONSTRUCTION. CONTRACTOR TO
VERIFY THE THICKNESS OF ANY OFF-SITE
PAVEMENT (ASPHALT AND CONCRETE) AND
SIDEWALK SO THE RESTORATION WORK IS
INCLUDED IN THE BID.



PROJECT DESCRIPTION: THE SITE IS AN EXISTING CHICK-FIL-A RESTAURANT AND IS BEING DISTURBED TO MODIFY THE PARKING LOT AND DRIVE THRU. AREA OF DISTURBANCE IS APPROXIMATELY 0.50 ACRES.

### SCHEDULE OF CONSTRUCTION ACTIVITY: THE CONTRACTOR SHALL IMPLEMENT ALL EROSION CONTROL MEASURES PRIOR

TO OTHER CONSTRUCTION ACTIVITY. ALL EROSION CONTROL MEASURES PRIOR TO OTHER CONSTRUCTION ACTIVITY. ALL EROSION CONTROL MEASURES MUST REMAIN FUNCTIONAL UNTIL THE SITE HAS BEEN STABILIZED UNLESS OTHERWISE STATED ON THE PLAN. SEE SEQUENCE OF CONSTRUCTION ACTIVITIES. SHT. C-310 AND SWPPP REPORT.

### EROSION CONTROL NOTES:

DIVERSION CHANNELS AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS A FIRST STEP OF GRADING AND WITHIN 7 DAYS FROM THE START OF GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED. BMP'S SHOULD BE CLEANED OUT ONCE CAPACITY HAS BEEN REDUCED BY 40 %.

EROSION CONTROL BLANKETS WITH MATTING WILL BE USED ON DITCHES GREATER THAN 1.5% AND ALL OTHER SLOPES GREATER THAN 6 % GRADE. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF JOPLIN, MO.

OTHER EROSION AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.

CONTRACTOR IS RESPONSIBLE TO PICK UP/CLEAN UP ANY LITTER, CONSTRUCTION DEBRIS AND/OR CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER PRIOR TO ANTICIPATED STORM EVENTS OR WIND EVENTS AS FORECASTED BY LOCAL WEATHER.

DUST SUPPRESSANTS ARE REQUIRED AS NEEDED.

OFF-SITE VEHICLE TRACKING SEDIMENT SHALL BE MINIMIZED. CONSTRUCTION VEHICLES ARE LIMITED TO THE CONSTRUCTION ACCESS ROAD NOTED ON THE PLAN

REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. PROVIDED WILL BE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATED OF INSPECTION AND CORRECTIVE MEASURES TAKEN.

SILT FENCES ARE TO BE INSTALLED IN FRONT OF STORM INLETS AND FILL AREAS BEFORE STARTING CONSTRUCTION PER MANUFACTURERS RECOMMENDATIONS.

SILT FENCES ARE TO BE CONSTRUCTED ON THE OUTSIDE OF ALL STOCK PILES.

ALL EROSION CONTROL MEASURES TO BE MAINTAINED BY CONTRACTOR UNTIL PROJECT COMPLETION AND THEN REMOVED.

SEDIMENT TO BE REMOVED FROM SILT FENCE AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%.

ANY DE-WATERING ACTIVITY SHALL INCLUDE A DIRT BAG OR DANDY BAG AT THE END OF PUMPING DISCHARGE LINE PRIOR TO ENTERING INTO THE STORM SEWER.

EXISTING MAX. SLOPE TO OUTFALL = 25.0% EXISTING MIN. SLOPE TO OUTFALL = 1.0%

POST-CONSTRUCTION MAX. SLOPE TO OUTFALL = 33.3% POST-CONSTRUCTION MIN. SLOPE TO OUTFALL = 1.0%

PRE CONSTRUCTION RUNOFF COEFFICIENT = 0.81 POST CONSTRUCTION RUNOFF COEFFICIENT = 0.85

PRE CONSTRUCTION IMPERVIOUS AREA = 49,337 S.F. (79.15%) POST CONSTRUCTION IMPERVIOUS AREA = 52,363 S.F. (84.01%)

RECEIVING WATER:

EXISTING TOPOGRAPHY: CURRENTLY THE SITE IS A CHICK-FIL-A RESTAURANT INSPECT OUTFALLS AND FIX SITE BASED ON THE INSPECTIONS. REVISE SWPPP IF APPROPRIATE.

THERE IS NO INDUSTRIAL/NON-CONSTRUCTION DISCHARGE ASSOCIATED WITH THIS PROJECT.

TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS, AND ON STOCKPILES. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. SEED AREAS THAT SHOW SIGNS OF EROSION.

OFFSITE ACCUMULATION OF SEDIMENT WILL BE REMOVED, YET IF A STREAM IS REACHED, CONTACT WATER POLLUTION CONTROL FIRST.

NO TOXIC OR HAZARDOUS WASTES SHALL BE DISPOSED INTO STORM DRAINS, SEPTIC TANKS, OR BY BURYING, BURNING, OR MIXING WASTES. IF ANY ITEMS DESCRIBED NEED DISPOSED OF, CONTRACTOR SHALL CONTACT CITY OF JOPLIN TO DETERMINE PREFERRED LOCAL RECYCLE LOCATION.

CONTRACTOR TO KEEP BRICKS, HARDENED CONCRETE, AND SOIL WASTE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATERS OF THE STATE.

ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF.

OPEN BURNING IS NOT ALLOWABLE.

CONTRACTOR TO MAINTAIN A RAIN GUAGE ON SITE OR NEARBY REFERENCE FOR RECORDS. INSPECTORS OF THE SITE MUST HAVE COMPLETED THE WFC FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) COURSE.

REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES UPON FINAL STABILIZATION & REMOVAL OF SEDIMENT IN THE DRAIN INLET FILTRATION DEVICES ACCORDING TO STATE AND LOCAL REGULATIONS.

SEQUENCE OF CONSTRUCTION ACTIVITY

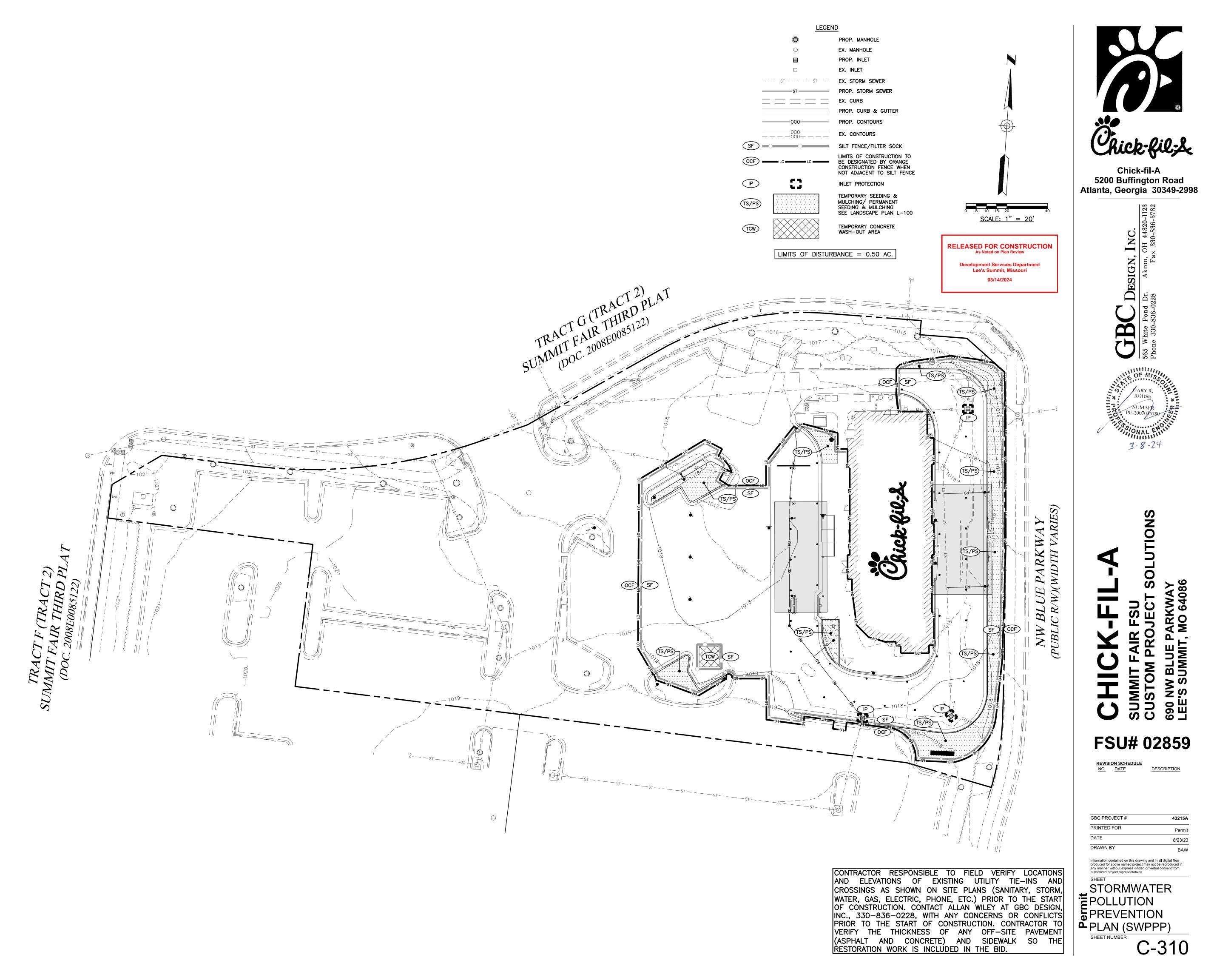
THE CONTRACTOR SHALL IMPLEMENT ALL OF THE FOLLOWING EROSION CONTROL MEASURES, IN THE ORDER STATED, PRIOR TO OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL AND STORM WATER POLLUTION PREVENTION ITEMS. ALL EROSION CONTROL MEASURES MUST REMAIN FUNCTIONAL UNTIL THE SITE HAS BEEN STABILIZED.

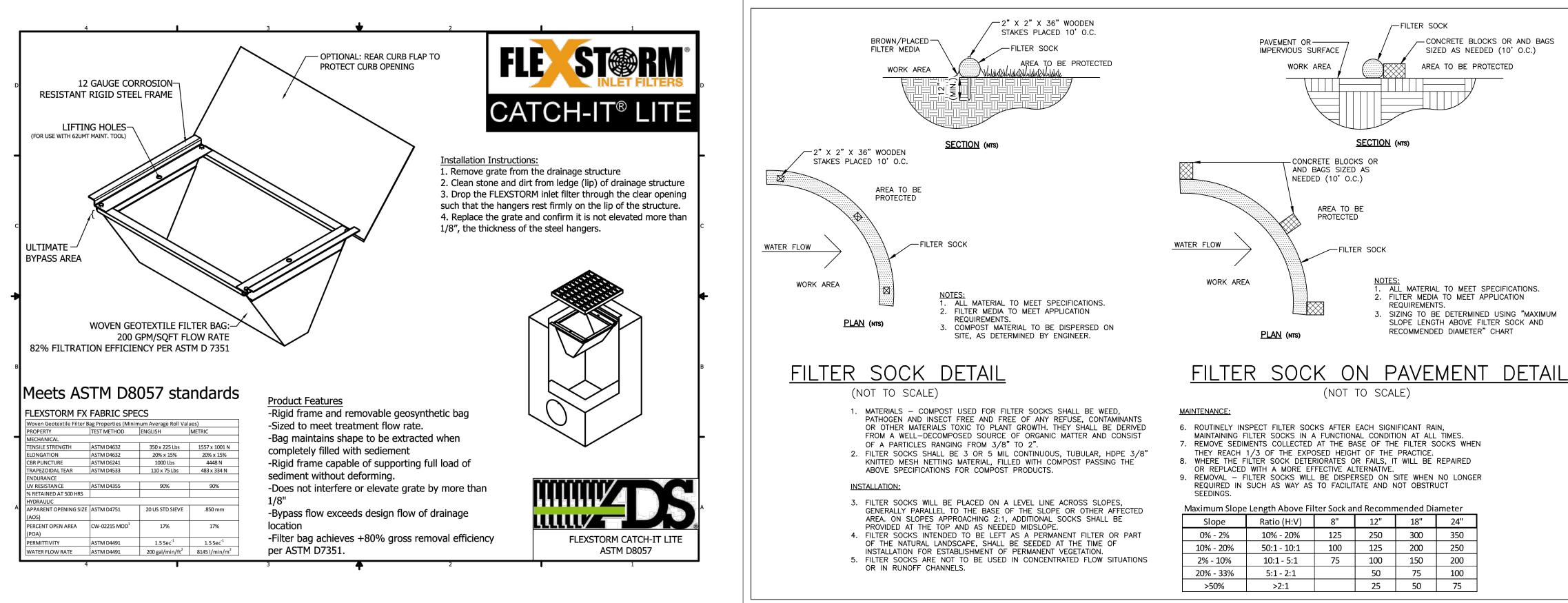
1. BEFORE CONSTRUCTION, EVALUATE, MARK, AND PROTECT IMPORTANT TREES.

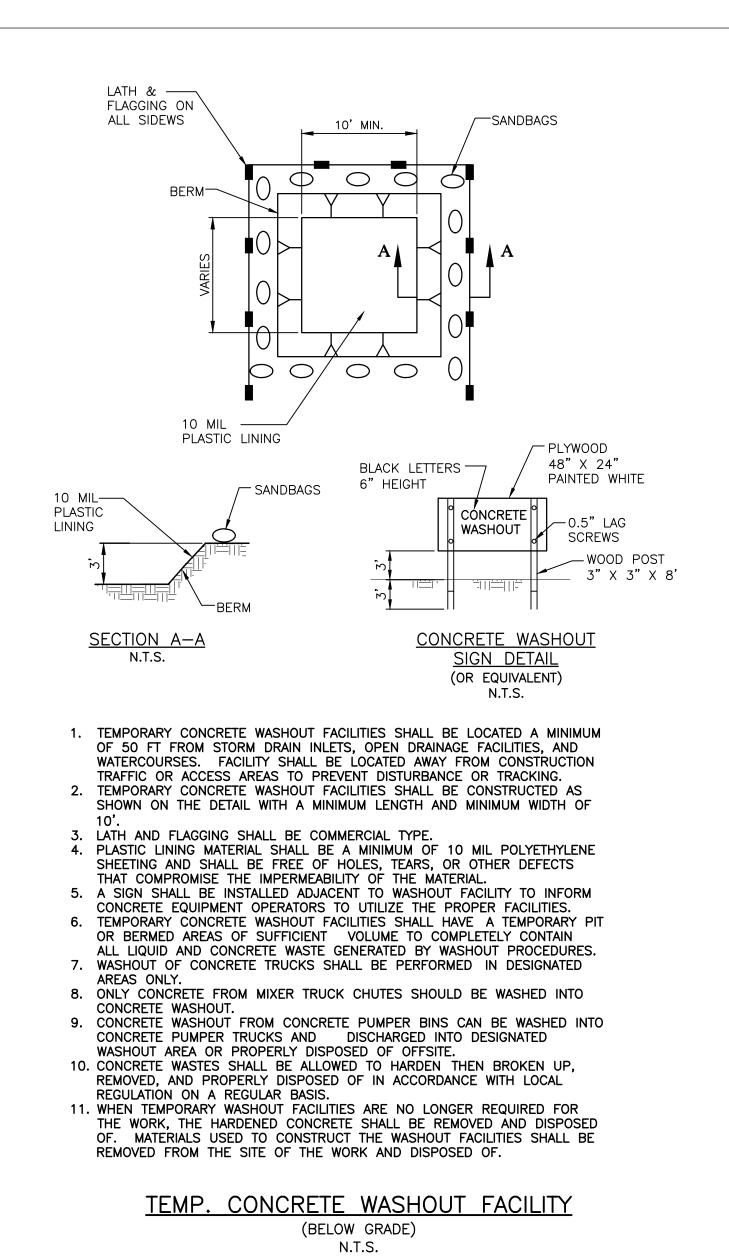
- 2. CLEAR AREAS FOR CONSTRUCTION ENTRANCE AND SILT FENCE. 3. INSTALL CONSTRUCTION ENTRANCE.
- 4. POST SWPPP PLANS ONSITE.
- INSTALL EROSION CONTROL FENCES AND OTHER PERIMETER CONTROLS AROUND CONSTRUCTION AREA BEFORE CONSTRUCTION ACTIVITIES BEGIN.
   INSTALL PROTECTION MEASURES AROUND EXISTING INLETS.
- 7. BEGIN DEMOLITION AND EARTHWORK.
   8. COMPLETE THE CUT AND FILLS ON THE SITE. INSTALL CHECK DAMS OR
- STABILIZE THE SLOPES WITH EROSION CONTROL BLANKETS AS NEEDED. 9. INSTALL STAGING AREAS, MATERIAL STORAGE AREAS, FUEL STATIONS, AND CONCRETE WASHOUT.
- INSTALL INLET FILTER PROTECTION AS INLETS ARE INSTALLED.
   CONTINUE SITE EXCAVATING, BACKFILLING, AND GRADING ACTIVITIES. ANY AREA LEFT DORMANT FOR MORE THAN 15 DAYS MUST BE TEMPORARILY SEEDED.
- 12. FINISH MASS EARTHWORK. 13. COMPLETE ASPHALT PAVING.

MULCH SITE AS NEEDED.

- 14. FINAL GRADE AND FINISH. 15. COMPLETE FINAL SEEDING AND LANDSCAPING AND STABILIZE ALL
- DISTURBED AREAS. 16. MAINTAIN ALL EROSION AND SEDIMENT CONTROL PRACTICES UNTIL ALL
- DISTURBED AREAS ARE PERMANENTLY STABILIZED. 17. REMOVE SEDIMENT FROM STORMWATER MANAGEMENT SYSTEM, SEED AND







- INLET PROTECTION SHALL BE CONSTRUE EITHER BEFORE UPSLOPE LAND DISTURB BEGINS OR BEFORE THE STORM DRAIN BEC OPERATIONAL.
- EXCAVATED COMPLETELY TO A DEPTH AT L 18 INCHES
- 3. THE WOODEN FRAME SHALL BE CONSTRUCTE 2-BY-4-IN. CONSTRUCTION-GRADE LUN 2-BY-4-IN. CONSTRUCTION-GRADE LUME THE 2-BY-4-IN. POSTS SHALL BE DRIVE FT. INTO THE GROUND AT FOUR CORNERS THE INLET AND THE TOP PORTION 2-BY-4-IN. FRAME ASSEMBLED USING OVERLAP JOINT SHOWN. THE TOP OF FRAME SHALL BE AT LEAST 6 INCHES BE ADJACENT ROADS IF PONDED WATER WO DOSE A SAFETY HATAPD TO TRAFFLO POSE A SAFETY HAZARD TO TRAFFIC.
- 4. WIRE MESH SHALL BE OF SUFFICI STRENGTH TO SUPPORT FABRIC WITH WA FULLY IMPOUNDED AGAINST IT. IT SHALL STRETCHED TIGHTLY AROUND THE FRAME FASTENED SECURELY TO THE FRAME.

### 1. SILT FENCE SHALL BE CONSTRUCTED BEFOR UPSLOPE LAND DISTURBANCE BEGINS.

- 2. ALL SILT FENCE SHALL BE PLACED AS CL TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMAL SWALES OR DEPRESSIONS WHICH MAY CARR SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGT
- 3. TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOP SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
- 4. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABL
- 5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FT. (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENC IF VEGETATION IS REMOVED, IT SHALL B REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
- 6. THE HEIGHT OF THE SILT FENCE SHALL BE MIN. OF 16 IN. ABOVE THE ORIGINAL GROUND SURFACE.
- 7. THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MIN. OF 6 IN. DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER. CABLE LAYING MACHINE, OR OTHER SUITA DEVICE WHICH WILL ENSURE AN ADEQUATE UNIFORM TRENCH DEPTH.

FABRIC PROPERTIES	VALUES
GRAB TENSILE STRENGTH	90 LB. MINIMUM
MULLEN BURST STRENGTH	190 PSI MINIMUM
SLURRY FLOW RATE	0.3 GAL./MIN./F ² MAXIMUM
EQUIVALENT OPENING SIZE	40–80
ULTRAVIOLET RADIATION STABILITY	90% MINIMUM

2 × 4 WOOD POSTS-AT 4 CORNERS

2 x 4 WOOD FRAME WITH OVERLAP JOINTS

WIRE MESH STRETCHED TIGHTLY ALL AROUND FRAME AND FASTENED SECURELY TO FRAME.

### SILT FENCE

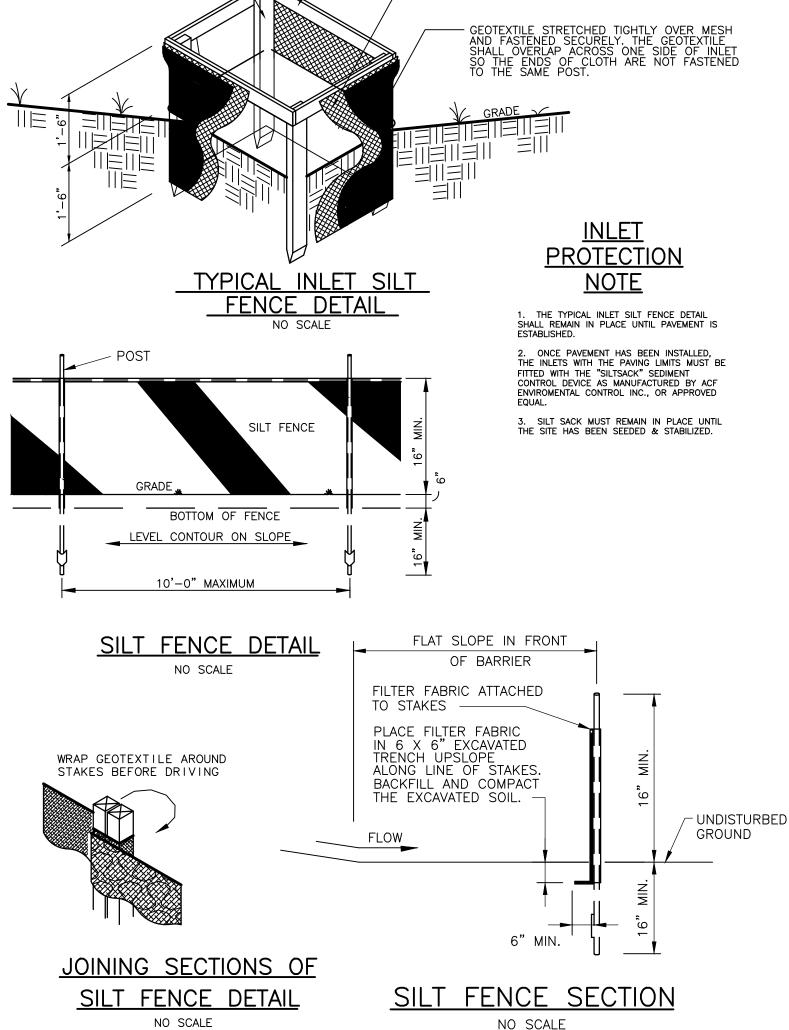
BANCE COMES LEAST ED OF MBER. VEN 1 RS OF THE THE BELOW	ð. 7.	OPENING SIZE RESISTANT TO STRETCHED TIGH FASTENED SECUR TOP OF THE FRA INLET NOTCH E SHALL OVERLAP INLET SO THE FASTENED TO TH BACKFILL SHAL INLET IN COMP THE EARTH IS ON ENDS AND TO A COMPACTED E SHALL BE CONS BELOW THE INLE DEPRESSION AND INLET WILL NOT THE TOP OF	SUNLIGHT. IT SHALL BE ITLY AROUND THE FRAME AND ELY. IT SHALL EXTEND FROM ME TO 18 INCHES BELOW THE LEVATION. THE GEOTEXTILE ACROSS ON SIDE OF THE ENDS OF THE CLOTH ARE NOT	
DRE LOSE	8.	STAKES ON THE GEOTEXTILE AND ARE BELOW THE MATERIAL SHALL	E SHALL BE PLACED WITH THE DOWN SLOPE SIDE OF THE D SO THAT 8 IN. OF CLOTH GROUND SURFACE. EXCESS LAY ON THE BOTTOM OF THE ENCH. THE TRENCH SHALL BE D COMPACTED.	F
RY T TH.	9.	SHALL OVERLAPP	SECTIONS OF SILT FENCE PED WITH THE END STAKES OF WRAPPED TOGETHER BEFORE THE GROUND.	
PE - - E - CE - BE	10.	RUNOFF TO PASS THROUGH THE GE OVERTOPS THE S AROUND THE END BECOMES A CONO FOLLOWING SHAL APPROPRIATE: 1 FENCE SHALL BE SEDIMENT SHALL	SILT FENCE SHALL ALLOW S ONLY AS DIFFUSE FLOW EOTEXTILE. IF RUNOFF SILT FENCE, FLOWS UNDER OR DS, OR IN ANY OTHER WAY CENTRATED FLOW, ONE OF THE L BE PERFORMED, AS 1) THE LAYOUT OF THE SILT E CHANGED, 2) ACCUMULATED BE REMOVED, OR 3) OTHER L BE INSTALLED.	
<u>-</u>	CR	ITERIA FOR SILT	FENCE MATERIALS	
BE A	1.	MINIMUM OF 32 BE 2-BY-2 IN.	THE LENGTH SHALL BE A IN. LONG. WOOD POSTS WILL HARDWOOD OF SOUND MAXIMUM SPACING BETWEEN E 10 FT.	WRAP GEO STAKES BE
- ABLE ELY	2.	SILT FENCE FAE	BRIC (SEE CHART BELOW):	
VALUES			TEST METHOD	
90 LB. MIN	1 I MI	JM	ASTM D 1682	
190 PSI MI		4L IN 4	ASTM D 3786	1

ASTM D 3786

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ASTM-G-26

US STD. SIEVE CW-02215



**RELEASED FOR CONSTRUCTION** As Noted on Plan Review

> **Development Services Department** Lee's Summit, Missouri 03/14/2024



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

### TEMPORARY SEEDING

TEMPORARY SEEDING SPECIES SELECTION			
SEEDING DATES	SPECIES	LB/1000 FT. ²	PER ACRE
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
AUGUST 16 TO NOVEMBER 1	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING	USE MULCH ONLY, SOD DORMANT SEEDING.	DING PRACTICES	OR

NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.

- STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION-SITE.
- 2. TEMPORARY SEED SHALL BE APPLIED BETWEEN CONSTRUCTION OPERATIONS ON SOIL THAT WILL NOT BE GRADED OR REWORKED FOR 14 DAYS OR MORE. THESE IDLE AREAS SHOULD BE SEEDED AS SOON AS POSSIBLE AFTER GRADING OR SHALL BE SEEDED WITHIN 7 DAYS. SEVERAL APPLICATIONS OF TEMPORARY SEEDING ARE NECESSARY ON TYPICAL CONSTRUCTION PROJECTS.
- THE SEEDBED SHALL BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. HOWEVER, TEMPORARY SEEDING SHALL NOT BE POSTPONED IF IDEAL SEEDBED PREPARATION IS NOT POSSIBLE.
- 4. SOIL AMENDMENTS--APPLICATIONS OF TEMPORARY VEGETATION SHALL ESTABLISHED ADEQUATE STANDS OF VEGETATION WHICH MAY REQUIRE THE USE OF SOIL AMENDMENTS. SOIL TESTS SHOULD BE TAKEN ON THE SITE TO PREDICT THE NEED FOR LIME AND FERTILIZER.
- 5. SEEDING METHOD--SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SEDER. DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.

### MULCHING TEMPORARY SEEDING

- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES AND WITH FAVORABLE SOIL CONDITIONS AND ON VERY FLAT AREAS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.
- 2. MATERIALS:

STRAW--IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN APPLIED AT 2 TONS/AC. OR 90 LB. / 1,000 SQ. FT. (TWO TO THREE BALES). THE MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS AND SPREAD TWO 45 LB. BALES OF STRAW IN EACH SECTION.

HYDROSEEDERS--IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB. / AC. OR 46 LB. /1,000 SQ. FT.

OTHER-OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 6 TONS / AC.

3. STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS:

MECHANICAL--A DISK, CRIMPER OR SIMILAR TYPE TOOL SHALL BE SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICAL ANCHORED SHALL NOT BE FINELY CHOPPED BUT, GENERALLY BE LEFT LONGER THAN 6 IN.

MULCH NETTINGS -- NETTINGS SHALL BE USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. NETTING MADE BE NECESSARY TO HOLD MULCH IN PLACE IN AREAS OF CONCENTRATED RUNOFF AND ON CRITICAL SLOPES.

ASPHALT EMULSION -- ASPHALT SHALL BE APPLIED AS RECOMMENDED BY THE MANUFACTURER OR AT THE RATE OF 160 GAL. / AC.

SYNTHETIC BINDERS -- SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA-TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER.

WOOD-CELLULOSE FIBRE--WOOD-CELLULOSE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB. /AC. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB. / 100 GAL.





### FSU# 02859

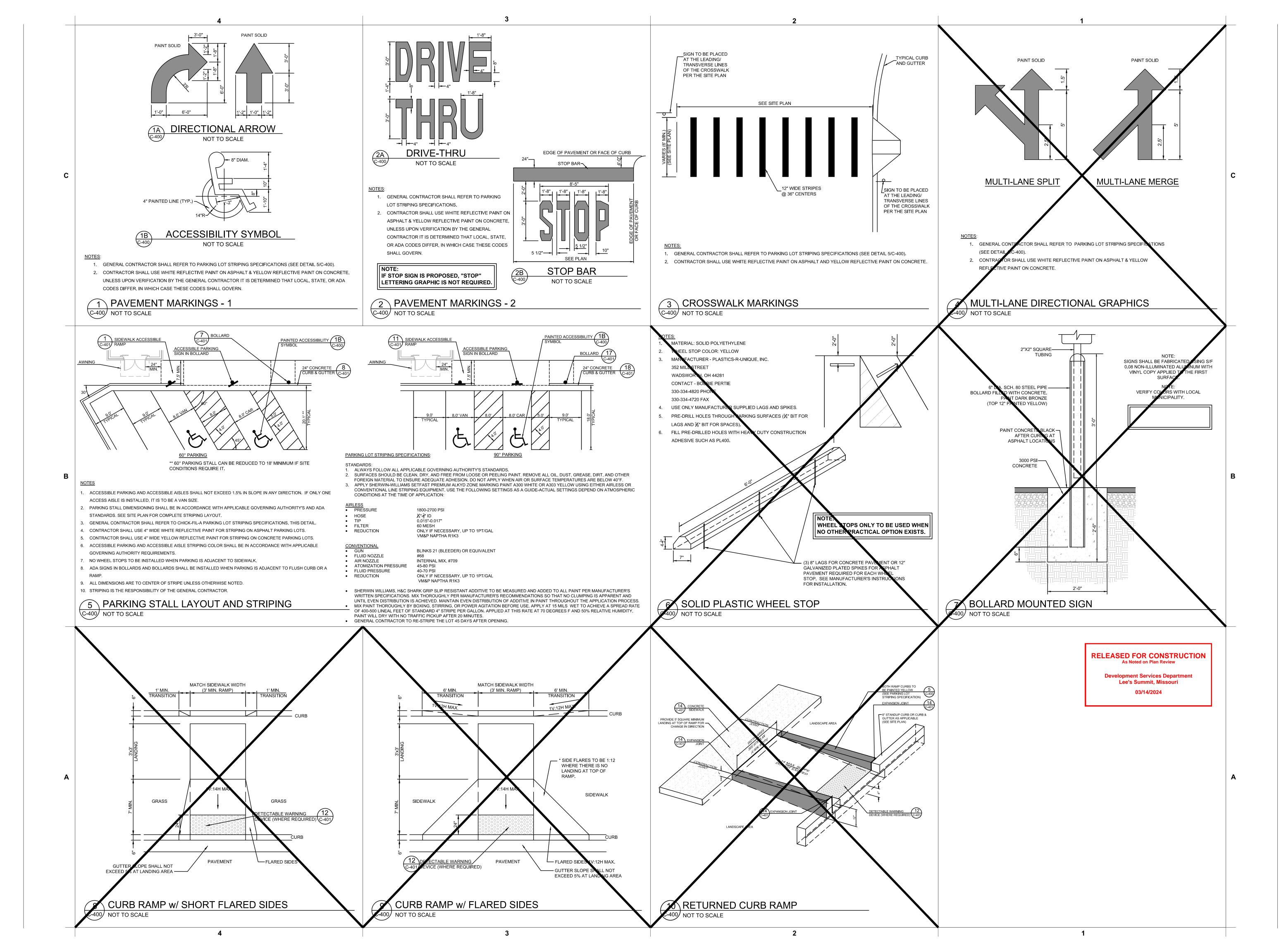
**REVISION SCHEDULE** NO. DATE

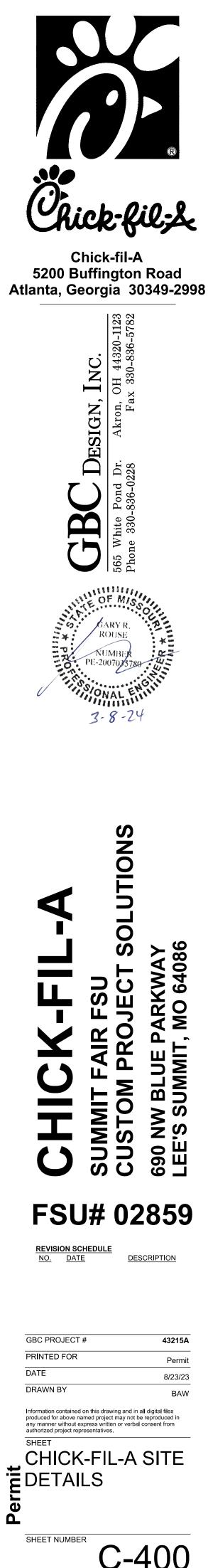
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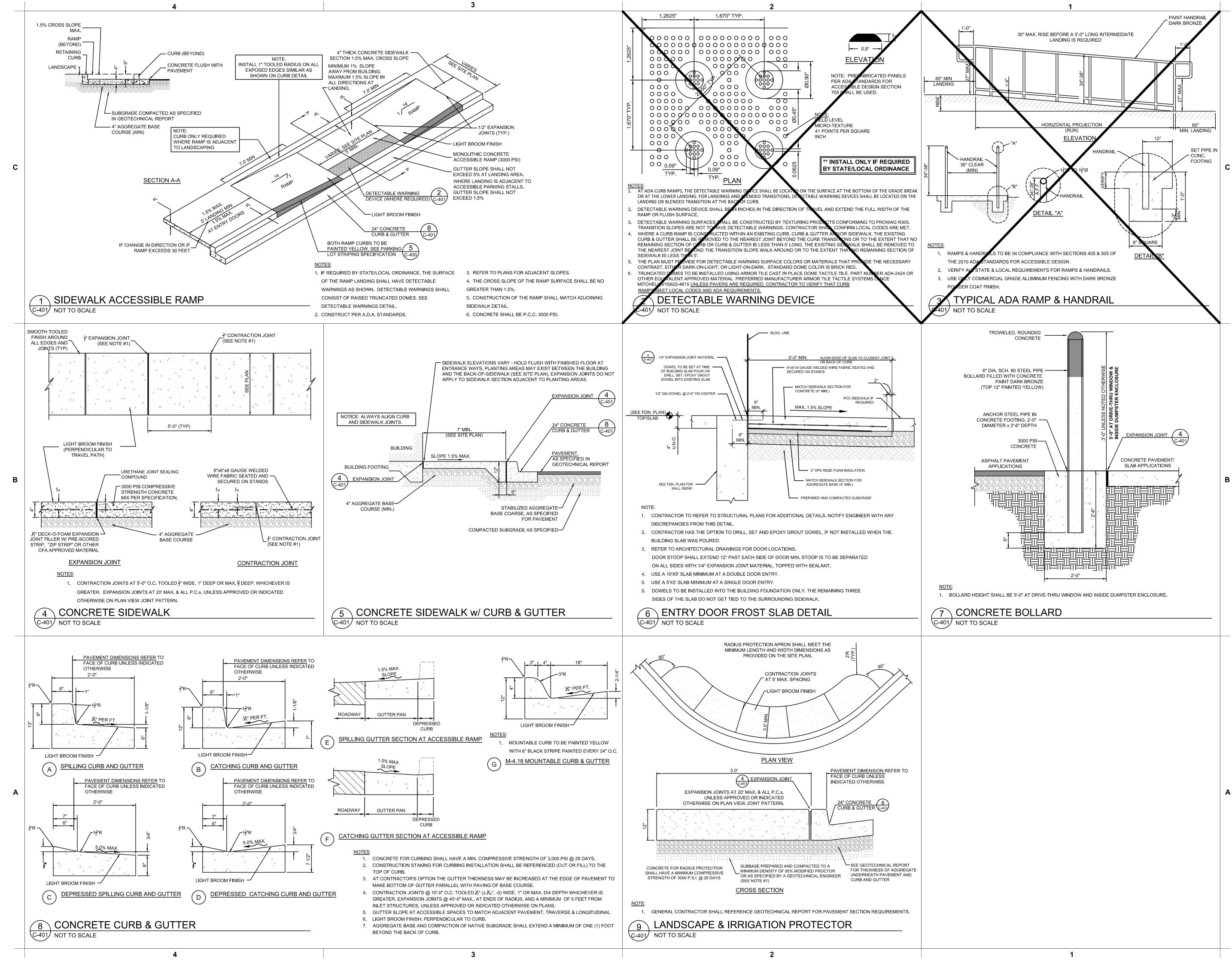
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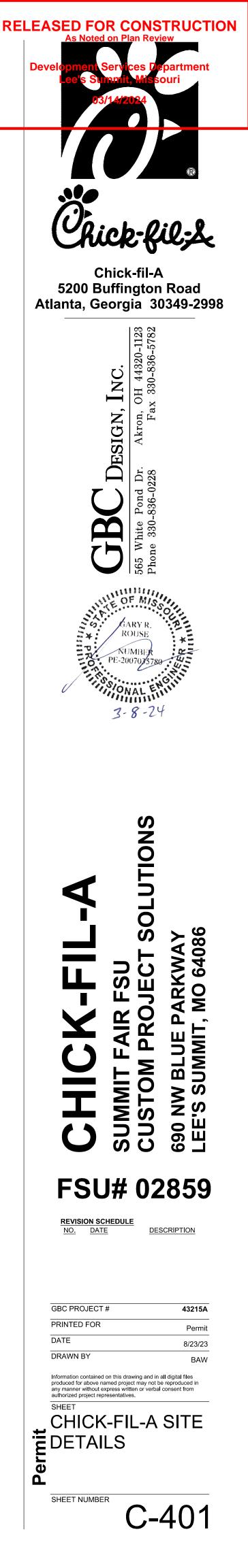
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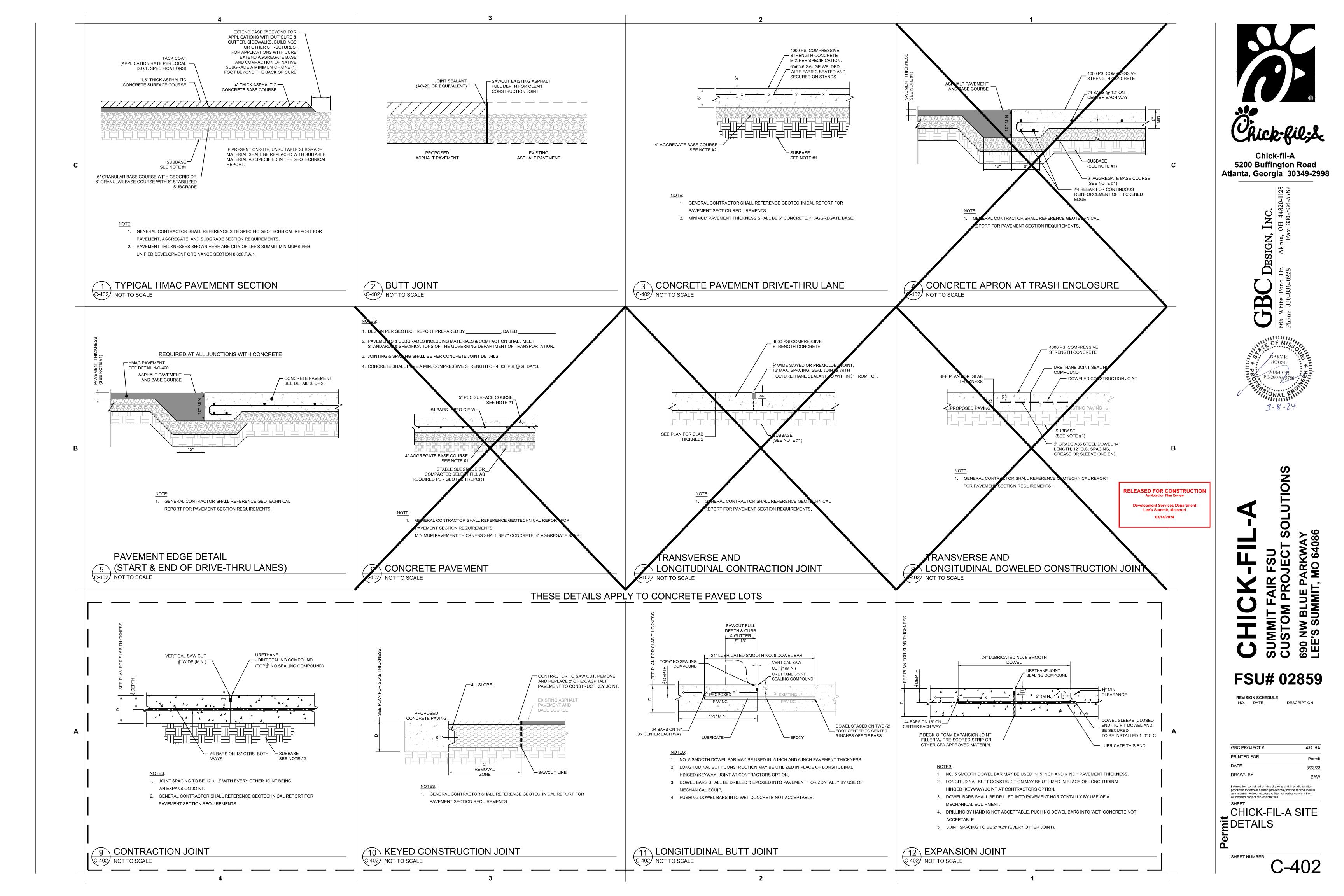
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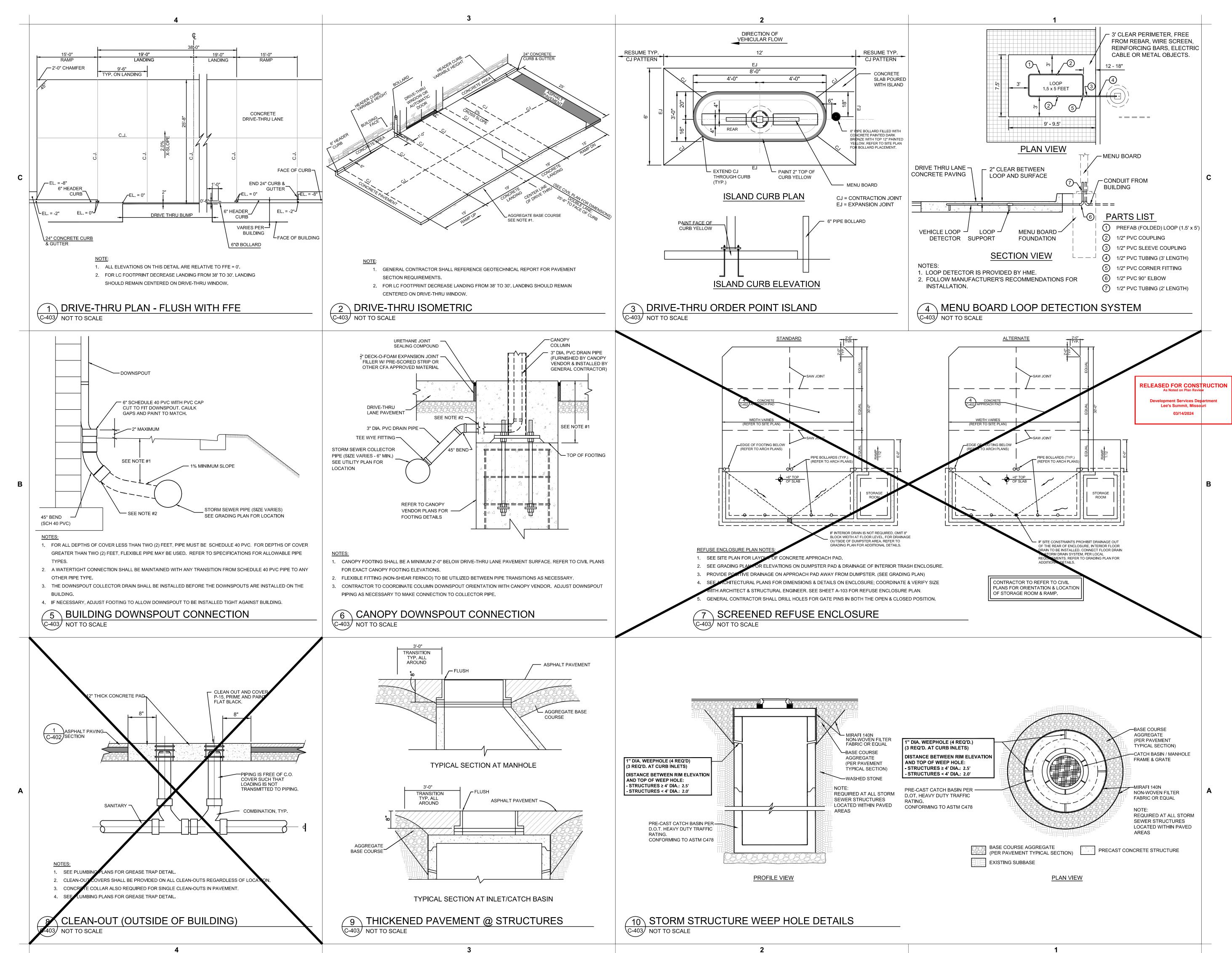


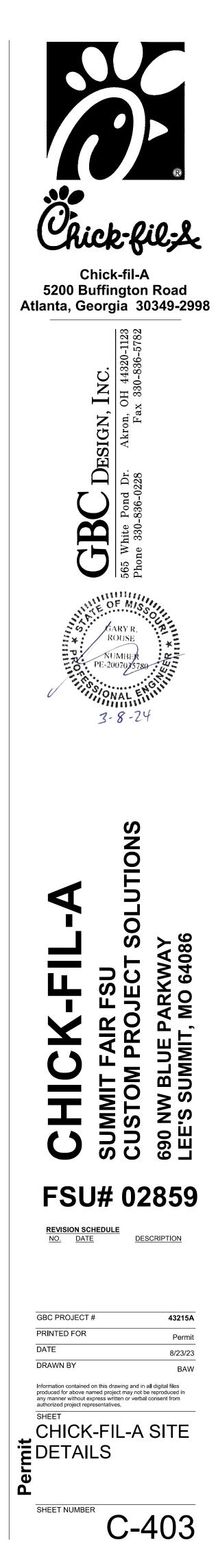


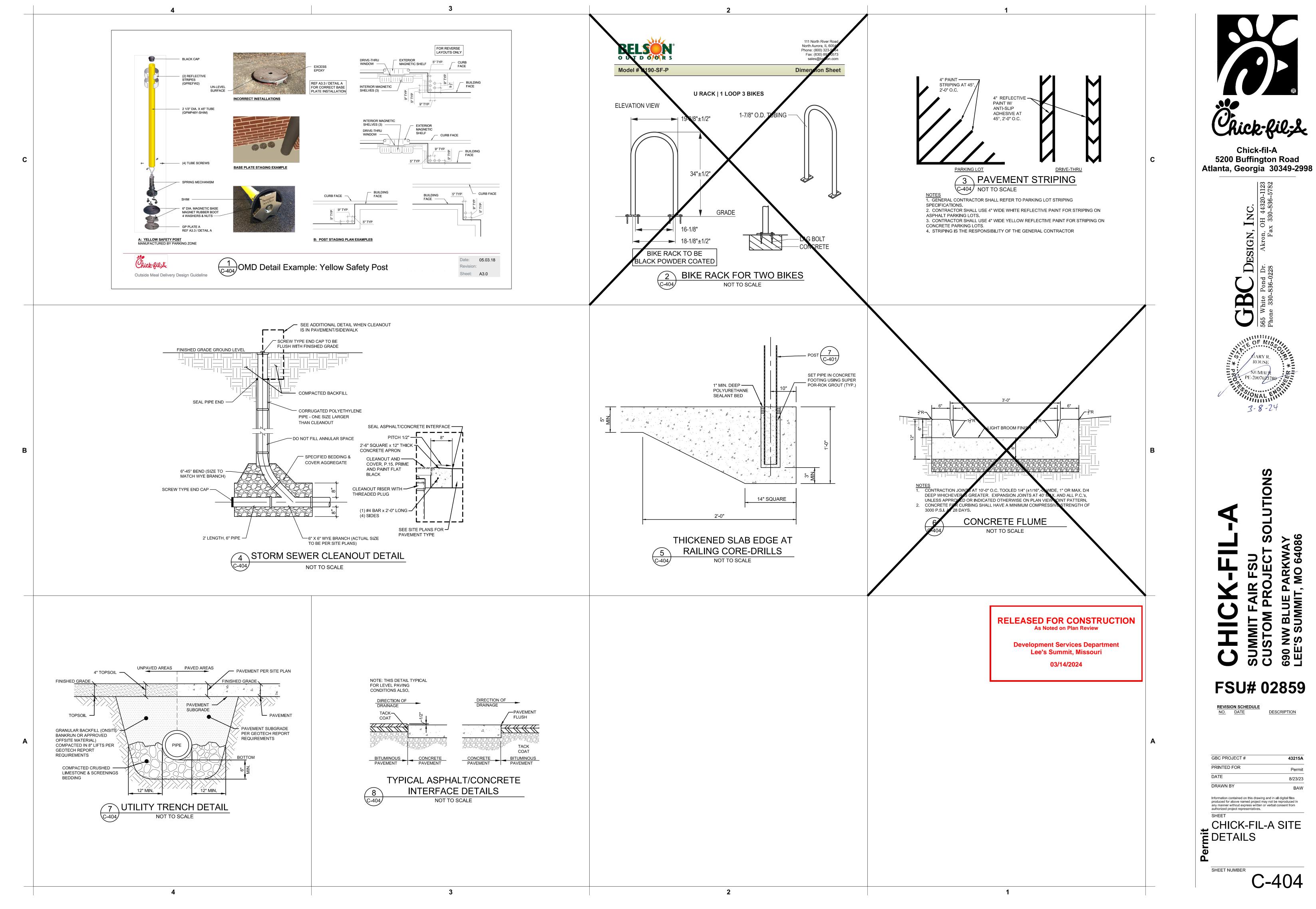












UTILITY LAYOUT NOTES

REQUIRED CLEARANCES.

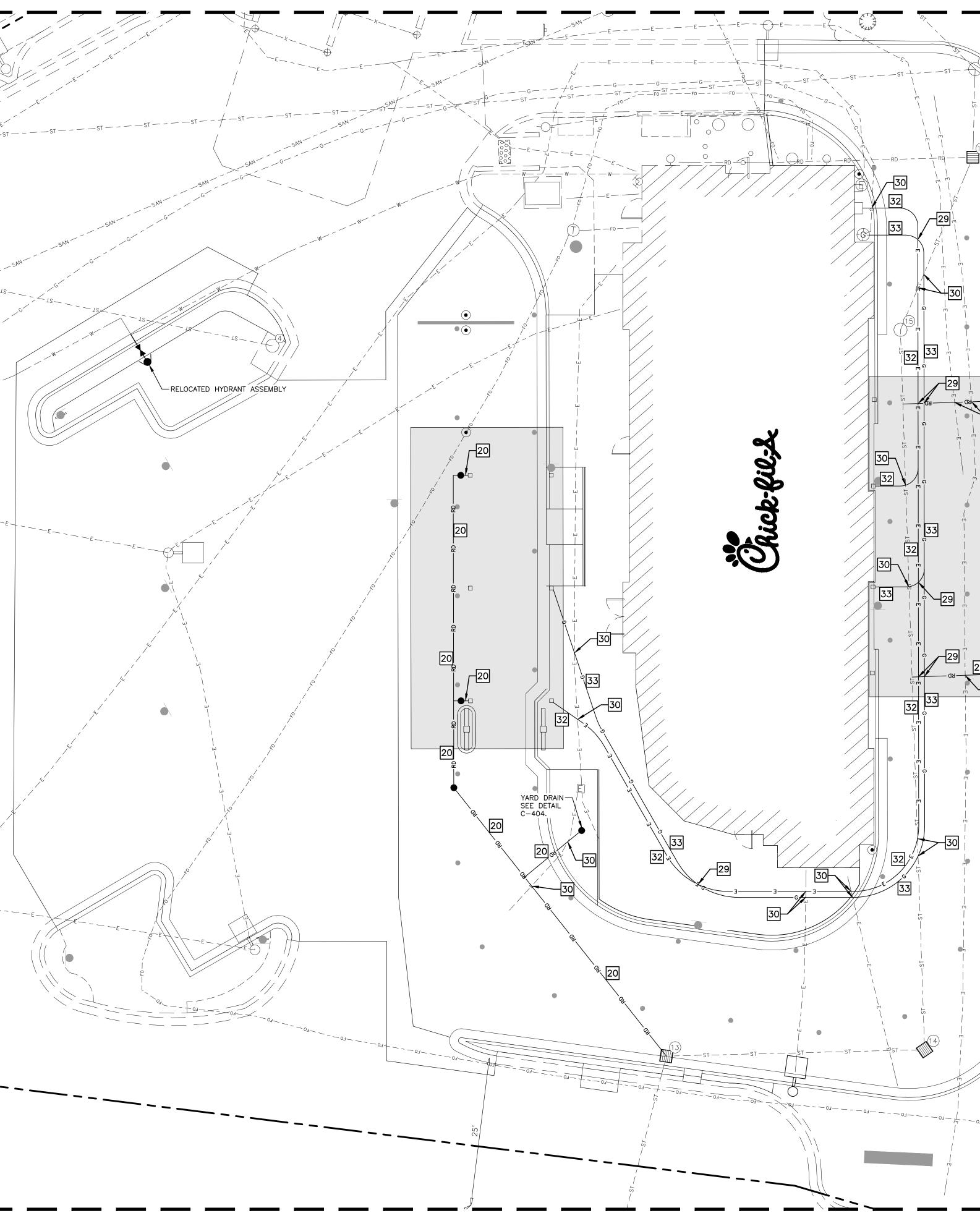
- 20 INSTALL 6" SCHEDULE 40 PVC ROOF DRAIN PIPE DRAIN INCLUDING ALL NECESSARY FITTINGS. CONNECT TO 6" ROOF DRAIN. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 30 EXISTING UTILITY CROSSING. CONTRACTOR TO VERIFY EXACT ELEVATIONS OF THE EXISTING UTILITY PRIOR TO THE START OF CONSTRUCTION. REPORT ANY
- CONFLICTS WITH PROPOSED UTILITIES TO GBC DESIGN, INC. PRIOR TO THE START OF CONSTRUCTION OF THE PROPOSED UTILITY. CONTRACTOR TO MAINTAIN

32 INSTALL ELECTRIC SERVICE TO CANOPY (REFER TO MEP PLANS). INSTALL TRENCHING AND 2-2" SCHEDULE 40 PVC CONDUITS PER MEP SPECIFICATIONS. SITE CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR.

33 INSTALL GAS SERVICE TO CANOPY (REFER TO MEP PLANS). SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.

— — <u>E</u> — _ .

- 29 PROPOSED UTILITY CROSSING-CONTRACTOR TO MAINTAIN REQUIRED CLEARANCES.



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$\bowtie$		EX. VALVE		
		PROP. MANHOLE		
0		EX. MANHOLE		
		PROP. INLET		
		EX. BOX INLET		
Ź		EX. LIGHT POLE		
< <b></b>		PROP. LIGHT POLE		
\$ •		EX. UTILITY POLE		
<b>–</b> – –		PROP. UTILITY POLE EX. CURB		
		PROP. CURB & GUT		
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——————————————————————————————————————		EX. SANITARY SEWER (PRIVATE)		
st		PROP. STORM SEWE		
RD	- RD	PROP. ROOF DRAIN		
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	-IW ———	PROP. IRRIGATION S		

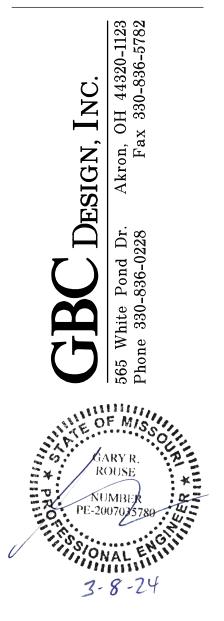
IHOLE NLET INLET POLE IGHT POLE ITY POLE JTILITY POLE URB & GUTTER LE T.V. LINE CABLE T.V. LINE ELECTRIC LINE CTRIC LINE OPTIC LINE GAS LINE LINE ELEPHONE LINE EPHONE LINE SANITARY SEWER SANITARY LATERAL ANITARY VENT TARY SEWER STORM SEWER ROOF DRAIN RM SEWER TIRE WATER LINE OMESTIC TIRE WATER SERVICE ATER MAIN RRIGATION SERVICE

RELEASED FOR CONSTRUCTION As Noted on Plan Review **Development Services Department** 

Lee's Summit, Missouri 03/14/2024



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



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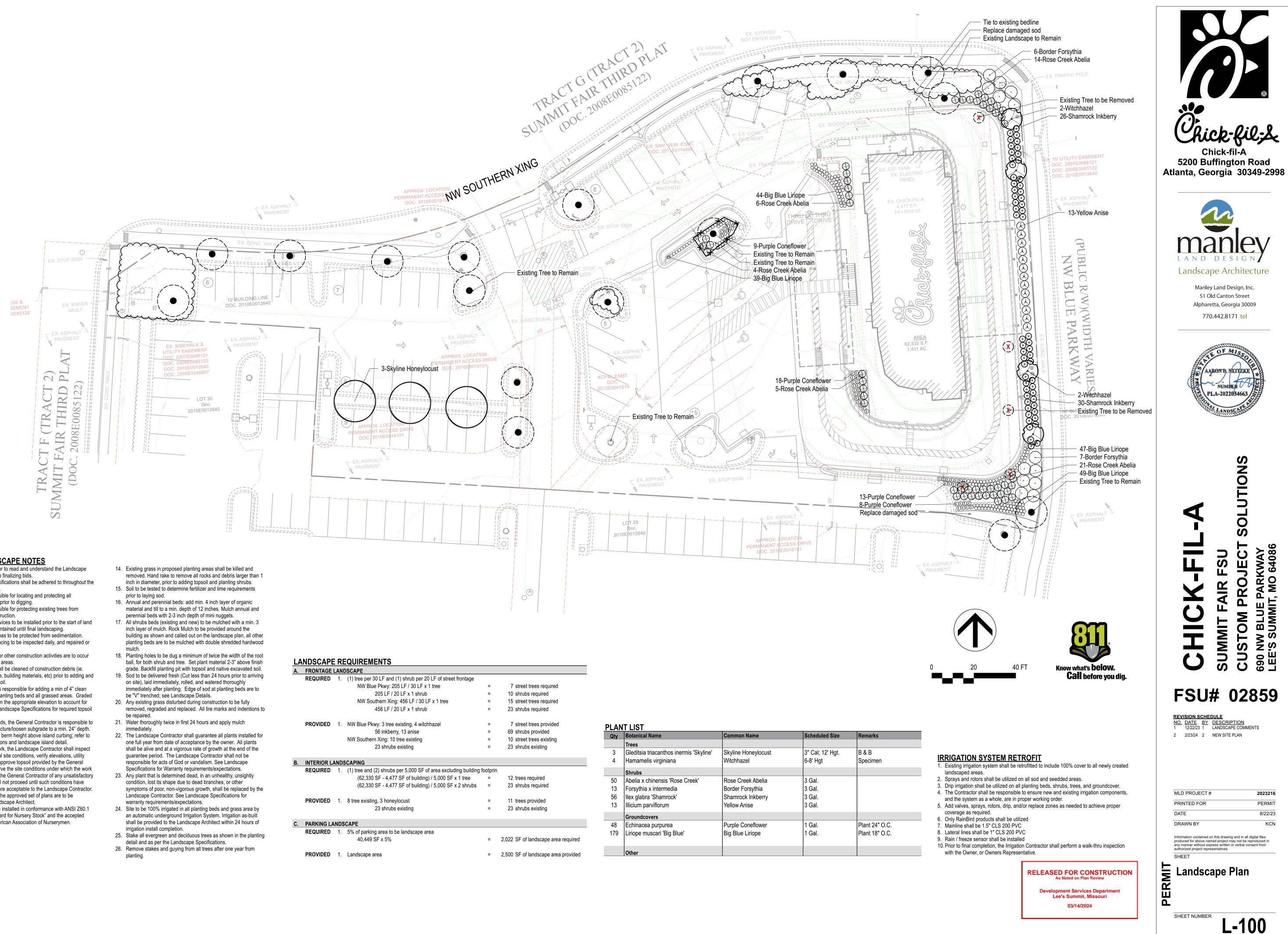
### FSU# 02859

**REVISION SCHEDULE**NO.DATE

DESCRIPTION

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CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AND CROSSINGS AS SHOWN ON SITE PLANS (SANITARY, STORM, WATER, GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE START OF CONSTRUCTION. CONTACT ALLAN WILEY AT GBC DESIGN, INC., 330-836-0228, WITH ANY CONCERNS OR CONFLICTS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR TO VERIFY THE THICKNESS OF ANY OFF-SITE PAVEMENT (ASPHALT AND CONCRETE) AND SIDEWALK SO THE RESTORATION WORK IS INCLUDED IN THE BID.

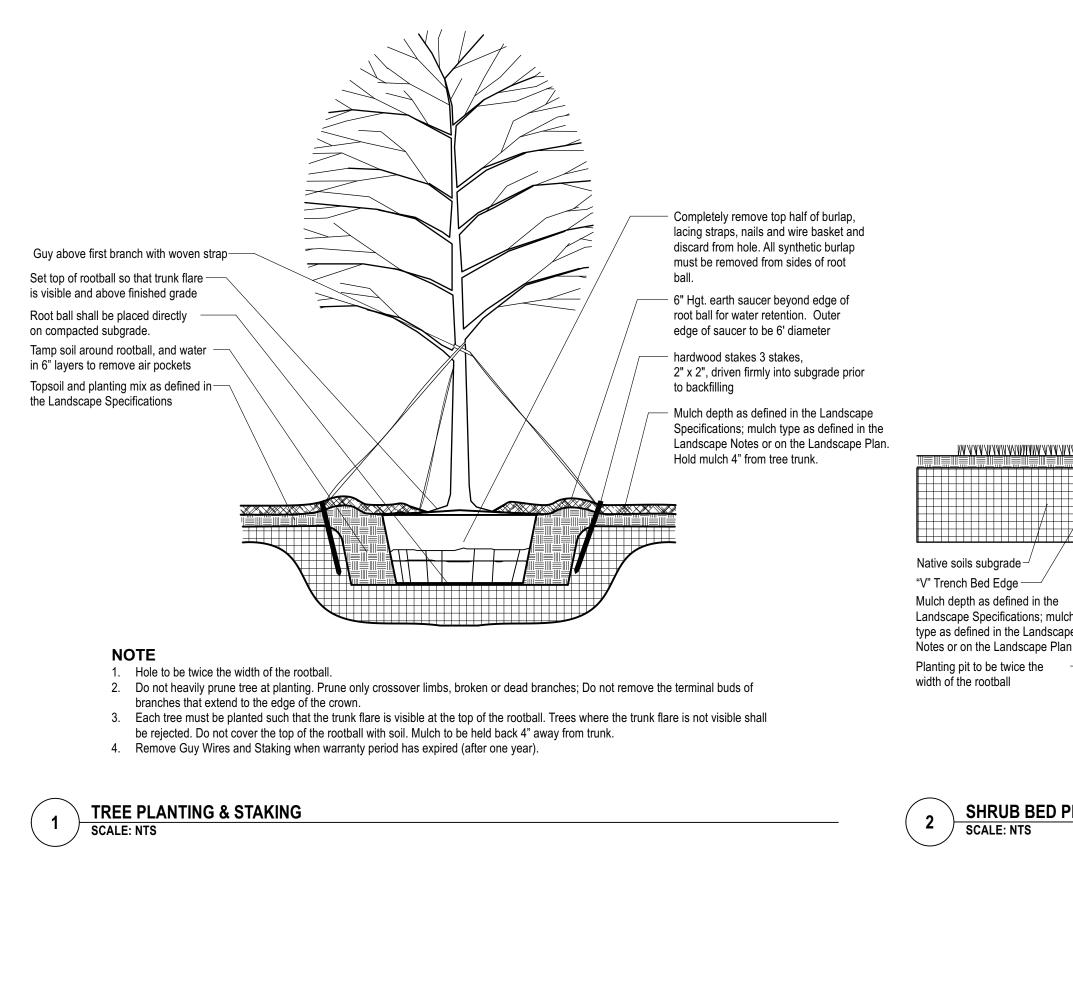


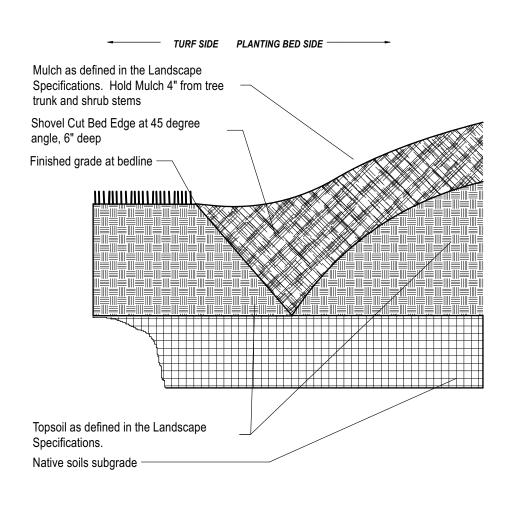
### MIDWEST LANDSCAPE NOTES

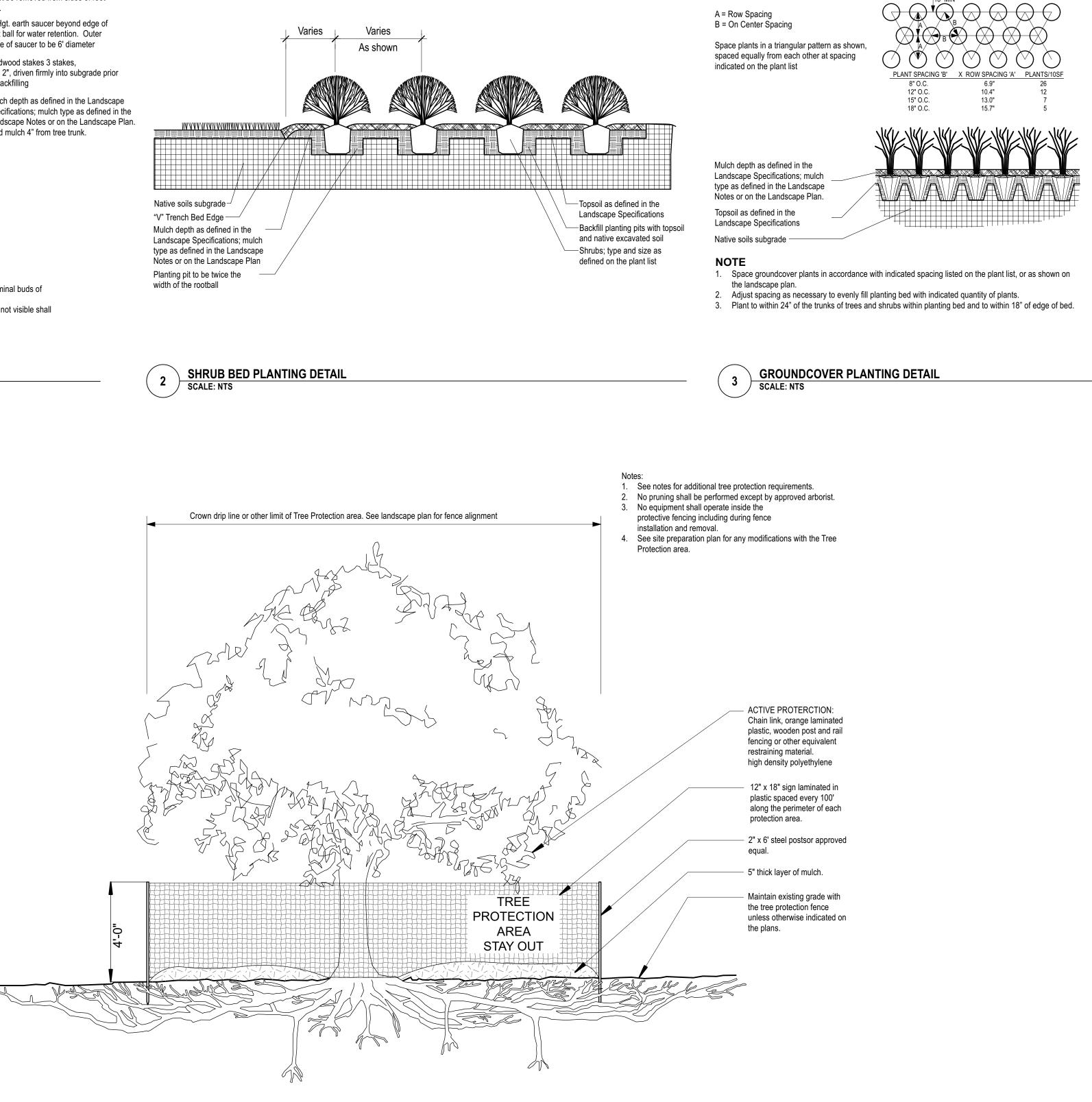
- 1. Landscape Contractor to read and understand the Landscape Specifications prior to finalizing bids. The Landscape Specifications shall be adhered to throughout the
- construction process. 2. Contractor is responsible for locating and protecting all
- underground utilities prior to digging.
- 3. Contractor is responsible for protecting existing trees from damage during construction.
- 4. All tree protection devices to be installed prior to the start of land
- disturbance, and maintained until final landscaping.
- 5. All tree protection areas to be protected from sedimentation. 6. All tree protection fencing to be inspected daily, and repaired or
- replaced as needed. 7. No parking, storage or other construction activities are to occur
- within tree protection areas. 8. All planting areas shall be cleaned of construction debris (ie. concrete, rock, rubble, building materials, etc) prior to adding and
- spreading of the topsoil. 9. General Contractor is responsible for adding a min of 4" clean friable topsoil in all planting beds and all grassed areas. Graded areas to be held down the appropriate elevation to account for topsoil depth. See Landscape Specifications for required topsoil
- characteristics. 10. In all parking lot islands, the General Contractor is responsible to remove all debris, fracture/loosen subgrade to a min. 24" depth. Add topsoil to a 6"-8" berm height above island curbing; refer to
- landscape specifications and landscape island detail. 11. Prior to beginning work, the Landscape Contractor shall inspect the subgrade, general site conditions, verify elevations, utility locations, irrigation, approve topsoil provided by the General Contractor and observe the site conditions under which the work is to be done. Notify the General Contractor of any unsatisfactory conditions, work shall not proceed until such conditions have been corrected and are acceptable to the Landscape Contractor. 12. Any deviations from the approved set of plans are to be
- approved by the Landscape Architect.
- 13. Landscaping shall be installed in conformance with ANSI Z60.1 the "American Standard for Nursery Stock" and the accepted standards of the American Association of Nurserymen.

	DSCAPE		
1.	(1) tree per 30 LF and (1) shrub per 20 LF of street frontage		
	NW Blue Pkwy: 205 LF / 30 LF x 1 tree	=	7 street trees required
	205 LF / 20 LF x 1 shrub	=	10 shrubs required
	NW Southern Xing: 456 LF / 30 LF x 1 tree	=	15 street trees required
	456 LF / 20 LF x 1 shrub	=	23 shrubs required
1.	NW Blue Pkwy: 3 tree existing, 4 witchhazel	=	7 street trees provided
	56 inkberry, 13 anise	=	69 shrubs provided
	NW Southern Xing: 10 tree existing	=	10 street trees existing
	23 shrubs existing	=	23 shrubs existing
ANDS	CAPING		
1.	(1) tree and (2) shrubs per 5,000 SF of area excluding building	footprin	
	(62,330 SF - 4,477 SF of building) / 5,000 SF x 1 tree	=	12 trees required
	(62,330 SF - 4,477 SF of building) / 5,000 SF x 2 shrubs	=	23 shrubs required
1.	8 tree existing, 3 honeylocust	=	11 trees provided
	23 shrubs existing	=	23 shrubs existing
ANDS	САРЕ		
1.	5% of parking area to be landscape area 40,449 SF x 5%	=	2,022 SF of landscape area required
1.	Landscape area	=	2,500 SF of landscape area provided

Qty	Botanical Name	Common Name	Scheduled Size	R
	Trees			
3	Gleditsia triacanthos inermis 'Skyline'	Skyline Honeylocust	3" Cal; 12' Hgt.	В
4	Hamamelis virginiana	Witchhazel	6-8' Hgt	S
	Shrubs			
50	Abelia x chinensis 'Rose Creek'	Rose Creek Abelia	3 Gal.	
13	Forsythia x intermedia	Border Forsythia	3 Gal.	
56	Ilex glabra 'Shamrock'	Shamrock Inkberry	3 Gal.	
13	Illicium parviflorum	Yellow Anise	3 Gal.	
	Groundcovers			
48	Echinacea purpurea	Purple Coneflower	1 Gal.	Ρ
179	Liriope muscari 'Big Blue'	Big Blue Liriope	1 Gal.	Ρ
	Other			



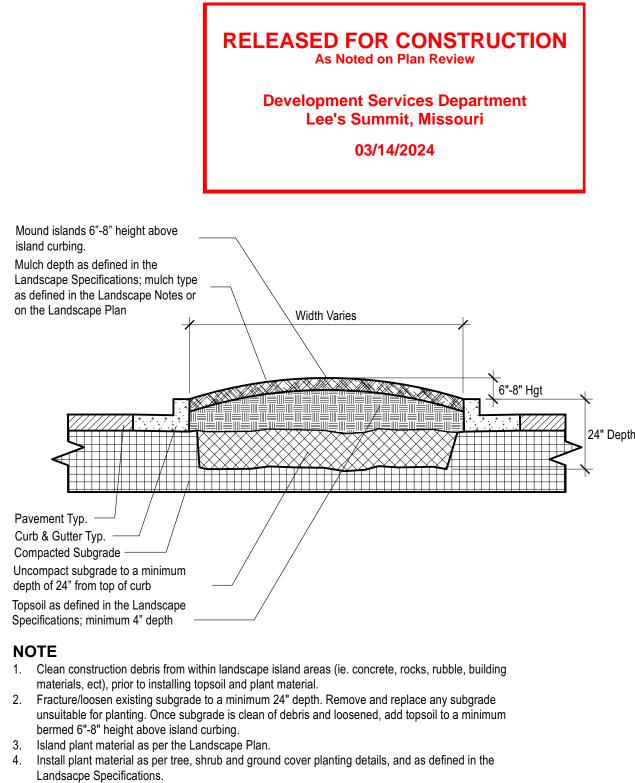








TREE PROTECTION FENCING DETAIL SCALE: NTS



 Install mulch or sod as specified on the Landscape Plan, and as defined in the Landscape Specifications.

4 PARKING ISLAND DETAIL SCALE: NTS

Edge of Bed





LAND DESIGN

CHICK-FIL-A	SUMMIT FAIR FSU	<b>CUSTOM PROJECT SOLUTIONS</b>	690 NW BLUE PARKWAY LEE'S SUMMIT, MO 64086
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E Landscape Details

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SHEET NUMBER



### LANDSCAPE SPECIFICATIONS

### PART 1 - GENERAL

### DESCRIPTION

Provide trees, shrubs, ground covers, sod, and annuals/perennials as shown and specified on the landscape plan. The work includes:

- 1. Soil preparation 2. Trees, shrubs, ground covers, and annuals/perennials.
- Planting mixes
- 4. Top Soil, Mulch and Planting accessories. Maintenance.
- 6. Decorative stone.

Related Work: 1. Irrigation System

### **QUALITY ASSURANCE**

Plant names indicated; comply with "Standardized Plant Names" as adopted by the latest edition of the American Joint Committee of Horticultural Nomenclature. Names of varieties not listed conform generally with names accepted by the nursery trade. Provide stock true to botanical name and legibly tagged.

Comply with sizing and grading standards of the latest edition of "American Standard for Nursery Stock". A plant shall be dimensioned as it stands in its natural position.

All plants shall be nursery grown under climatic conditions similar to those in the locality of the project for a minimum of 2 years.

Nursery Stock furnished shall be at least the minimum size indicated. Larger stock is acceptable, at no additional cost, and providing that the larger plants will not be cut back to size indicated. Provide plants indicated by two measurements so that only a maximum of 25% are of the minimum size indicated and 75% are of the maximum size indicated.

Before submitting a bid, the Contractor shall have investigated the sources of supply and be satisfied that they can supply the listed plants in the size, variety and quality as specified. Failure to take this precaution will not relieve the Contractor from their responsibility for furnishing and installing all plant materials in strict accordance with the Contract Documents without additional cost to the Owner. The Landscape Architect shall approve any substitutes of plant material, or changes in plant material size, prior to the Landscape Contractor submitting a bid.

### DELIVER, STORAGE AND HANDLING

Take all precautions customary in good trade practice in preparing plants for moving. Workmanship that fails to meet the highest standards will be rejected. Spray deciduous plants in foliage with an approved "Anti-Desiccant" immediately after digging to prevent dehydration. Dig, pack, transport, and handle plants with care to ensure protection against injury. Inspection certificates required by law shall accompany each shipment invoice or order to stock. Protect all plants from drying out. If plants cannot be planted immediately upon delivery, properly protect them with soil, wet peat moss, or in a manner acceptable to the Landscape Architect. Water heeled-in plantings daily. No plant shall be bound with rope or wire in a manner that could damage or break the branches. Cover plants transported on open vehicles with a protective covering to prevent wind burn.

### PROJECT CONDITIONS

Protect existing utilities, paving, and other facilities from damage caused by landscape operations.

A complete list of plants, including a schedule of sizes, quantities, and other requirements are shown on the drawings. In the event that quantity discrepancies or material omissions occur in the plant materials list, the planting plans shall govern.

The irrigation system will be installed prior to planting. Locate, protect and maintain the irrigation system during planting operations. Repair irrigation system components damaged during planting operations; at the Contractor's expense. Refer to the irrigation specifications, irrigation plan and irrigation details.

Do not begin landscape accessory work before completion of final grading or surfacing.

### WARRANTY

Warrant plant material to remain alive, be healthy and in a vigorous condition for a period of 1 year after completion and final acceptance of entire project.

Replace, in accordance with the drawings and specifications, all plants that are dead or, are in an unhealthy, or unsightly condition, and have lost their natural shape due to dead branches, or other causes due to the Contractor's negligence. The cost of such replacement(s) is at the Contractor's expense. Warrant all replacement plants for 1 year after installation.

Warranty shall not include damage, loss of trees, plants, or ground covers caused by fires, floods, freezing rains, lightning storms, winds over 75 miles per hour, winter kill caused by extreme cold, severe winter conditions not typical of planting area, and/or acts of vandalism or negligence on a part of the Owner.

Remove and immediately replace all plants, found to be unsatisfactory during the initial planting installation.

Maintain and protect plant material, lawns, and irrigation until final acceptance is made.

### ACCEPTANCE

Inspection of planted areas will be made by the Owner's representative 1. Planted areas will be accepted provided all requirements, including maintenance, have been complied with and plant materials are alive and in a healthy, vigorous condition.

Upon acceptance, the Contractor shall commence the specified plant maintenance.

### CODES, PERMITS AND FEES

Obtain any necessary permits for this Section of Work and pay any fees required for permits.

The entire installation shall fully comply with all local and state laws and ordinances, and with all established codes applicable thereto; also as depicted on the landscape and irrigation construction set.

### PART 2 - PRODUCTS

### MATERIALS

Plants: Provide typical of their species or variety; with normal, densely developed branches and vigorous, fibrous root systems. Provide only sound, healthy, vigorous plants free from defects, disfiguring knots, sun scald injuries, frost cracks, abrasions of the bark, plant diseases, insect eggs, borers, and all forms of infestation. All plants shall have a fully developed form without voids and open spaces. Plants held on storage will be rejected if they show signs of growth during the storage period.

- 1. Balled and plants wrapped with burlap, to have firm, natural balls of earth of sufficient diameter and depth to encompass the fibrous and feeding root system necessary for full recovery of the plant. Provide ball sizes complying with the latest edition of the "American Standard for Nursery Stock". Cracked or mushroomed balls, or signs of circling roots are not acceptable. 2. Container- grown stock: Grown in a container for sufficient length of time for the root system to
- have developed to hold its soil together, firm and whole. a. No plants shall be loose in the container.
- b. Container stock shall not be pot bound. 3. Plants planted in rows shall be matched in form.
- 4. Plants larger than those specified in the plant list may be used when acceptable to the Landscape Architect.
- a. If the use of larger plants is acceptable, increase the spread of roots or root ball in proportion to the size of the plant.
- 5. The height of the trees, measured from the crown of the roots to the top of the top branch, shall not be less than the minimum size designated in the plant list.
- 6. No pruning wounds shall be present with a diameter of more than 1" and such wounds must show vigorous bark on all edges.
- 7. Evergreen trees shall be branched to the ground or as specified in plant list.
- 8. Shrubs and small plants shall meet the requirements for spread and height indicated in the plant a. The measurements for height shall be taken from the ground level to the height of the top
- of the plant and not the longest branch. b. Single stemmed or thin plants will not be accepted.
- c. Side branches shall be generous, well-twigged, and the plant as a whole well-bushed to the ground
- d. Plants shall be in a moist, vigorous condition, free from dead wood, bruises, or other root or branch injuries.

### ACCESSORIES

Topsoil: Shall be Fertile, friable, natural topsoil of loamy character, without admixture of subsoil material, obtained from a well-drained arable site, reasonably free from clay, lumps, coarse sands, stones, roots, sticks, and other foreign materials, with acidity range of between pH 6.0 and 6.8.

Note: All planting areas shall be cleaned of construction debris (ie. Concrete, rubble, stones, building material, etc.) prior to adding and spreading of the top soil.

1. Sod Areas: Spread a minimum 4" laver of top soil and rake smooth. 2. Planting bed areas: Spread a minimum 4" layer of top soil and rake smooth.

- 3. Landscape Islands/Medians: Fracture/loosen existing subgrade to depth. Remove and replace any subgrade unsuitable for planting. clean of debris and loosened, add topsoil to a minimum berm 6"-8" island curbing.
- 4. Annual/Perennial bed areas: Add a minimum of 4" organic matter and the second secon minimum 12" depth.

### Mulch: Type selected dependent on region and availability; see landscape pla much to be used. Hold mulch 4" from tree trunks and shrub stems

- 1. Hardwood: (color) dark brown, 6 month old well rotted double shredde hardwood bark mulch not larger than 4" in length and 1/2" in width, free and sawdust. Install minimum depth of 3".
- 2. Pine Straw: Pine straw to be fresh harvest, free of debris, bright in cold wired and tightly bound. Needles to be dry. Install minimum depth of 3" 3. River Rock: (color) light gray to buff to dark brown, washed river rock,
- Install in shrub beds to an even depth of 3". Weed control barrier to be installed under all rock mulch areas. Use caution during installation not to damage plant material.
- 4. Mini Nuggets: Install to a minimum depth of 2"-3" at all locations of annual and perennial beds. Lift the stems and leaves of the annuals and carefully spread the mulch to avoid injuring the plants. Gently brush the mulch off the plants.

### Guying/Staking:

- Arbortie: Green (or white) staking and guying material to be flat, woven, polypropylene material, ³/₄" wide 900 lb. break strength. Arbortie shall be fastened to stakes in a manner which permits tree movement and supports the tree.
- 2. Remove Guying/Staking after one year from planting.

Tree Wrap: Tree wraps should be used on young, newly planted thin-barked trees (Cherry, Crabapple, Honey Locust, Linden, Maple, Mountain Ash, Plum) that are most susceptible to sun scald/Sunburn. Standard waterproofed tree wrapping paper, 2-1/2" wide, made of 2 layers of crepe Draft paper weighing not less than 30 lbs. per ream, cemented together with asphalt. Wrap the tree in the fall and leave the wrap in place throughout the winter and early spring. Tree wraps are temporary and no longer needed once trees develop corky bark.

### PART 3 – EXECUTION

### INSPECTION

Prior to beginning work, the Landscape Contractor shall inspect the subgrade, general site conditions, verify elevations, utility locations, irrigation, approve top soil provided by the Genera Contractor and observe the site conditions under which the work is to be done. Notify the General Contractor of any unsatisfactory conditions, and work shall not proceed until such conditions have been corrected and are acceptable to the Landscape Contractor.

### PREPARATION

Planting shall be performed only by experienced workmen familiar with planting procedures under the supervision of a qualified supervisor.

Locate plants as indicated on the plans or as approved in the field after staking by the Landscape Contractor. If obstructions are encountered that are not shown on the drawings, do not proceed with planting operations until alternate plant locations have been selected and approved by the Landscape Architect; spacing of plant material shall be as shown on the landscape plan.

Excavate circular plant pits with vertical sides, except for plants specifically indicated to be planted in beds. Provide shrub pits at least 12" greater than the diameter of the root system and 24" greater for trees. Depth of pit shall accommodate the root system. Provide undisturbed sub grade to hold root ball at nursery grade as shown on the drawings.

### INSTALLATION

Set plant material in the planting pit to proper grade and alignment. Set plants upright, plumb, and faced to give the best appearance or relationship to each other or adjacent structure. Set plant material 2" – 3" above the finish grade. No filling will be permitted around trunks or stems. Backfill the pit with topsoil mix and excavated material. Do not use frozen or muddy mixtures for backfilling. Form a ring of soil around the edge of each planting pit to retain water.

After balled and wrapped in burlap plants are set, muddle planting soil mixture around bases of balls and fill all voids.

1. Remove all burlap, ropes, and wires from the top 1/3 of the root ball

Space ground cover plants in accordance with indicated dimensions. Adjust spacing as necessary to evenly fill planting bed with indicated quantity of plants. Plant to within 24" of the trunks of trees and shrubs within planting bed and to within 18" of edge of bed.

### Mulchi

1. Mulch tree and shrub planting pits and shrub beds with required mulching material (see landscape plan for mulch type); depth of mulch as noted above. Hold mulch back 4" away from tree trunks and shrub stems. Thoroughly water mulched areas. After watering, rake mulch to provide a uniform finished surface.

### Decorative Stone: (where indicated on landscape plan)

1. Install weed control barrier over sub-grade prior to installing stone. Lap 6" on all sides. 2. Place stone without damaging weed barrier. 3. Arrange stones for best appearance and to cover all weed barrier fabric.

### Wrapping, guying, staking:

Inspect trees for injury to trunks, evidence of insect infestation, and improper pruning before wrapping

- 2. Wrapping:
- a. Wrap trunks of all young newly planted trees known to have thin bark. Wrap spirally from bottom to top with specified tree wrap and secure in place. b. Overlap  $\frac{1}{2}$  the width of the tree wrap strip and cover the trunk from the ground to the
- height of the second branch. c. Secure tree wrap in place with twine wound spirally downward in the opposite
- direction, tied around the tree in at least 3 places in addition to the top and bottom. d. Wrap the trees in the fall and leave the wrap in place throughout the winter and early
- d. Tree wraps are temporary and no longer needed once the trees develop corky bark.
- Staking/Guying: a. Stake/guy all trees immediately after lawn sodding operations and prior to
- acceptance. b. Stake deciduous trees 2" caliper and less. Stake evergreen trees under 7'-0" tall. 1. Stakes are placed in line with prevailing wind direction and driven into
- undisturbed soil. 2. Ties are attached to the tree, usually at the lowest branch.
- c. Guy deciduous trees over 2" caliper. Guy evergreen trees 7'-0" tall and over. 1. Guy wires to be attached to three stakes driven into undisturbed soil, with one
- stake placed in the direction of the prevailing wind.
- 2. Ties are attached to the tree as high as practical.
- 3. The axis of the stake should be at 90 degree angle to the axis on the pull of the

### guy wire. 4. Remove all guying and staking after one year from planting.

### 1. Prune deciduous trees and evergreens only to remove broken or damaged branches.

MAINTENANCE

Representative.

lawns free of insects and disease.

material and remove dead material

weather and season permit

WORKMANSHI During landscape/irrigation installation operations, all areas shall be kept neat and clean. Precautions shall be taken to avoid damage to existing structures. All work shall be performed

in a safe manner to the operators, the occupants and any pedestrians.

Upon completion of installation operations, all excess materials, equipment, debris and waste material shall be cleaned up and removed from the site; unless provisions have been granted by the owner to use on-site trash receptacles. Sweep parking and walks clean of dirt and debris. Remove all plant tags and other debris from lawns and planting areas.

Any damage to the landscape, the structure, or the irrigation system caused by the landscape contractor shall be repaired by the landscape contractor without charge to the owner.

and not less than twice per week until final acceptance.

Contractor shall provide maintenance until work has been accepted by the Owner's

Maintenance shall include mowing, fertilizing, mulching, pruning, cultivation, weeding, watering,

1. Re-set settled plants to proper grade and position. Restore planting saucer and adjacent

2. repair guy wires and stakes as required. Remove all stakes and guy wires after 1 year.

3. Correct defective work as soon as possible after deficiencies become apparent and

and application of appropriate insecticides and fungicides necessary to maintain plants and

a minimum 24" Once subgrade is " height above	LANDSCAPE MAINTENANCE SPECIFICATIONS
till to a	The Contractor shall provide as a separate bid, maintenance for a period of <b>1 year</b> after final acceptance of the project landscaping. The Contractor must be able to provide continued maintenance if requested by the Owner or provide the name of a reputable landscape
ans for type of	contractor who can provide maintenance.
ed native e of wood chips	<b>STANDARDS</b> All landscape maintenance services shall be performed by trained personnel using current, acceptable horticultural practices.
or. Bales to be o". 1" – 3" in size.	All work shall be performed in a manner that maintains the original intent of the landscape design.

All chemical applications shall be performed in accordance with current county, state and federal laws, using EPA registered materials and methods of application. These applications shall be performed under the supervision of a Licensed Certified applicator.

### **APPROVALS**

Any work performed in addition to that which is outlined in the contract shall only be done upon written approval by the Owner's Representative (General Manager of the restaurant).

All seasonal color selections shall be approved by the General Manager prior to ordering and installation.

### SOIL TESTING

The maintenance contractor shall perform soil tests as needed to identify imbalances or deficiencies causing plant material decline. The owner shall be notified of the recommendation for approval, and the necessary corrections made at an additional cost to the owner.

### Acceptable Soil Test Results

		Landscape Trees and Shrubs	;	Turf
	pH Range	5.0-7.0		6.0-7.0
	Organic Matter	>1.5%		>2.5%
	Magnesium (Mg)	100+lbs./acre		100+lbs./acre
	Phosphorus (P2O5)	150+lbs./acre		150+lbs./acre
al	Potassium (K2O)	120+lbs./acre		120+lbs./acre
	Soluble salts/	Not to exceed 900ppm/1.9 mm	hos/cm	Not to exceed 750ppm/0.75 mmhos/cm
	Conductivity	in soil; not to exceed 1400 ppm		in soil; not to exceed 2000 ppm/2.0
		mmhos/cm in high organic mix		mmhos/cm in high organic mix
	For unusual soil cond	itions, the following optional tests	s are recomm	ended with levels not to exceed:
		Boron	3 pounds pe	r acre
		Manganese	50 pounds p	
		Potassium (K2O)	450 pounds	
		Sodium	20 pounds p	•

### WORKMANSHIP

During landscape maintenance operations, all areas shall be kept neat and clean. Precautions shall be taken to avoid damage to existing structures. All work shall be performed in a safe manner to the operators, the occupants and any pedestrians.

Upon completion of maintenance operations, all debris and waste material shall be cleaned up and removed from the site, unless provisions have been granted by the owner to use on-site trash receptacles.

Any damage to the landscape, the structure, or the irrigation system caused by the maintenance contractor, shall be repaired by the maintenance contractor without charge to the owner.

### TURF

### **GENERAL CLEAN UP**

Prior to mowing, all trash, sticks, and other unwanted debris shall be removed from lawns, plant beds, and paved areas.

### MOWING

Warm season grasses (i.e. Bermuda grass) shall be maintained at a height of 1" to 2" during the growing season.

Cool season grasses, including blue grass, tall fescue, perennial ryegrass, etc., shall be maintained at a height of 2" to 3" in spring and fall. From June through September, mowing height shall be maintained at no less than 3".

The mowing operation includes trimming around all obstacles, raking excessive grass clippings NOTE: For identification of plant-damaging insects and mites, a reference textbook and removing debris from walks, curbs, and parking areas. Caution: Weed eaters should NOT be used around trees because of potential damage to the bark.

### EDGING

Edging of all sidewalks, curbs and other paved areas shall be performed once every other mowing. Debris from the edging operations shall be removed and the areas swept clean. Caution shall be used to avoid flying debris.

### LIMING & FERTILIZING

A soil test shall be taken to determine whether an application of limestone in late fall is necessary. If limestone is required, the landscape contractor shall specify the rate, obtain approval from the owner and apply it at an additional cost. A unit price for liming of turf shall accompany the bid based on a rate of 50 pounds per 1000 square feet.

Fertilizer shall be applied in areas based on the existing turf species.

### LAWN WEED CONTROL: HERBICIDES

Selection and proper use of herbicides shall be the landscape contractor's responsibility. All chemical applications shall be performed under the supervision of a Licensed Certified Applicator. Read the label prior to applying any chemical.

### **INSECT & DISEASE CONTROL FOR TURF**

The contractor shall be responsible for monitoring the site conditions on each visit to determine if any insect pest or disease problems exist. The contractor shall identify the insect pest or disease, as well as the host plant, and then consult the most current edition of the Cooperative Extension Service's "Commercial Insecticide Recommendation for Turf" for control. The licensed applicator shall be familiar with the label provided for the selected product prior to application.

Inspection and treatment to control insect pests shall be included in the contract price.

### TREES, SHRUBS, & GROUND COVER

### PRUNING

All ornamental trees, shrubs and ground cover shall be pruned when appropriate to remove dead or damaged branches, develop the natural shapes. Do not shear trees or shrubs. If previous maintenance practice has been to shear and ball, then a natural shape will be restored gradually.

### Pruning Guidelines:

- 1. Prune those that flower before the end of June immediately after flowering. Flower buds develop during the previous growing season. Fall, winter or spring pruning would reduce the spring flowering display.
- 2. Prune those that flower in summer or autumn in winter or spring before new growth begins, since these plants develop flowers on new growth
- 3. Delay pruning plants grown for ornamental fruits, such as cotoneasters, pyracanthas and viburnums. 4. Hollies and other evergreens may be pruned during winter in order to use their branches
- for seasonal decoration. However, severe pruning of evergreens should be done in early spring only. 5. Broadleaf evergreen shrubs shall be hand-pruned to maintain their natural appearance
- after the new growth hardens off. 6. Hedges or shrubs that require shearing to maintain a formal appearance shall be pruned as required. Dead wood shall be removed from sheared plants before the first
- shearing of the season 7. Conifers shall be pruned, if required, according to their genus.
- A. Yews, junipers, hemlocks, arborvitae, and false-cypress may be pruned after new growth has hardened off in late summer. If severe pruning is necessary, it must be done in early spring.
- B. Firs and spruces may be lightly pruned in late summer, fall, or winter after completing growth. Leave side buds. Never cut central leader.
- C. Pines may be lightly pruned in early June by reducing candles. 8. Groundcover shall be edged and pruned as needed to contain it within its borders.
- 4. Water trees, plants and ground cover beds within the first 24 hours of initial planting.

- 9. Thinning: Remove branches and water sprouts by cutting them back to their origin on parent stems. This method results in a more open plant, without s excessive growth. Thinning is used on crepe myrtle, lilacs, viburnums, smok
- 10. Renewal pruning: Remove oldest branches of shrub at ground, leaving the more vigorous branches. Also remove weak stems. On overgrown plants, the may be best done over a three-year period. Renewal pruning may be used forsythia, deutzia, spiraea, etc.

Plants overhanging passageways and parking areas and damaged plants shall be

Shade trees that cannot be adequately pruned from the ground shall not be include Maintenance Contract. A certified arborist under a separate contract shall perform work

### SPRING CLEANUP

Plant beds shall receive a general cleanup before fertilizing and mulching. Cleanup removing debris and trash from beds and cutting back herbaceous perennials left through winter, e.g. ornamental grasses, Sedum Autumn Joy.

### FERTILIZING

For trees, the rate of fertilization depends on the tree species, tree vigor, area avai fertilization, and growth stage of the tree. Mature specimens benefit from fertilizatio 4 years; younger trees shall be fertilized more often during rapid growth stages.

The current recommendation is based on the rate of 1000 square feet of area under be fertilized. For deciduous trees, 2 to 6 pounds of Nitrogen per 1000 square feet; narrow-leaf evergreens, 1 to 4 pounds of Nitrogen per 1000 square feet; for broadl evergreens, 1 to 3 pounds of Nitrogen per 1000 square feet.

Shrubs and groundcover shall be top-dressed with compost 1" deep, or fertilized of with 10-6-4 analysis fertilizer at the rate of 3 pounds per 100 square feet of bed are Ericaceous material shall be fertilized with an ericaceous fertilizer at the manufactu recommendation rate. If plants are growing poorly, a soil sample should be taken.

### MULCHING

Annually, all tree and shrub beds will be prepared and mulched, to a minimum dept quality mulch to match existing. Bed preparation shall include removing all weeds, said bed, edging and cultivating decayed mulch into the soil. Debris from edging is removed from beds where applicable. If deemed necessary, a pre-emergent herbic applied to the soil to inhibit the growth of future weeds.

Organically maintained gardens shall not receive any pre-emergent herbicides. M of 4" will be removed from the bed areas. SPECIAL CARE shall be taken in the mu operation not to over-mulch or cover the base of trees and shrubs. This can be deti the health of the plants.

### WEEDING

All beds shall be weeded on a continuous basis throughout the growing season to neat appearance at all times.

Pre-emergent (soil-applied) and post-emergent (foliar-applied) herbicides shall be and when applicable and in accordance with the product's label.

**INSECT & DISEASE CONTROL: TREES, SHRUBS & GROUNDCOVER** 

The maintenance contractor shall be responsible for monitoring the landscape site basis. The monitoring frequency shall be monthly except for growing season, which every other week. Trained personnel shall monitor for plant damaging insect activit pathogenic diseases and potential cultural problems in the landscape. The pest or o problem will be identified under the supervision of the contractor.

For plant damaging insects and mites identified in the landscape, the contractor sh and follow the recommendations of the most current edition of the state Cooperativ publication on insect control on landscape plant material.

Plant pathogenic disease problems identified by the contractor that can be resolved or physical removal of damaged plant parts will be performed as part of the contract additional charge, plant pathogenic diseases that can be resolved through properly applications of fungicides shall be made when the owner authorizes it.

If the contractor notes an especially insect-or disease-prone plant species in the la he/she will suggest replacement with a more pest-resistant cultivar or species that it with the intent of the landscape design.

used is Insects that feed on Trees and Shrubs by Johnson and Lyon, Comstock Pl Associates. For plan pathogenic diseases, two references are suggested: Scouting Controlling Woody Ornamental Diseases in Landscapes and Nurseries, authorized Moorman, published by Penn State College of Agricultural Sciences, and Diseases and Shrubs by Sinclair and Lyon, published by Comstock Publishing Press.

### **TRASH REMOVAL**

The maintenance contractor shall remove trash from all shrub and groundcover bed

### LEAF REMOVAL

All fallen leaves shall be removed from the site in November and once in December requested by the owner, the maintenance contractor, at an additional cost to the owner. perform supplemental leaf removals.

### WINTER CLEAN-UP

The project shall receive a general clean-up once during each of the winter months, i.e., January, February, and March.

- Clean-up includes:
- Cleaning curbs and parking areas
- Removing all trash and unwanted debris Turning mulch where necessary
- Inspection of grounds

### SEASONAL COLOR: PERENNIALS, ANNUALS, AND BULBS

The installation of perennials, annuals, and bulbs, unless specified herein, shall be reviewed with the owner, and, if accepted, installed and billed to the owner.

### SEASONAL COLOR MAINTENANCE

- Perennialization of Bulbs:
- 1. After flowering, cut off spent flower heads. 2. Allow leaves of daffodils and hyacinths to remain for six weeks after flowers have faded.
- Cut off at base. Allow leaves of other bulbs to yellow naturally and then cut off at base.
- 4. Apply fertilizer after flowering in spring, possibly again in fall. Apply 10-10-10 at the rate of 2 pounds per 1000 square feet, or top-dress with compost 1" deep. Fall fertilization with a bulb fertilizer or mulching with 1" of compost is optional.

### Flower Rotation:

- 1. Bulbs: Remove the entire plant and bulb after flowers have faded or at the direction of the owner, and install new plants if included in contract.
- Summer Annuals or Fall Plants
- a. Dead heading: Pinch and remove dead flowers on annuals as necessary. b. Fertilizing Summer Annuals: Fertilize using one or two methods: Apply a slow-release fertilizer in May following manufacturer's recommendations. A booster such as 10-10-10 may be necessary in late summer. Or, apply liquid fertilizations of 20-20-20 water-soluble fertilizers, not to exceed 2 pounds of 20-20-20 per 100
- gallons of water, monthly; or mulch with compost 1" deep. c. Removal: If fall plants are to be installed, summer annuals shall be left in the ground
- until the first killing frost and then removed, unless otherwise directed by the owner.

ir point of	Perennials:	
stimulating ke bush,etc.	<ol> <li>After initial installation, if a time-released fertilizer has been incorporated during plant installation, no more fertilizer need be applied the first growing season.</li> </ol>	
younger,	2. The following year:	
his method	a. Fertilize perennials with a slow-release fertilizer or any 50% organic fertilizer, or	
on abelia,	mulch perennials with compost 1" deep. b. Cut all deciduous perennials flush to the ground by March 1, if this was not done the	
	previous fall, to allow new growth to develop freely.	
pruned as	c. Mulch the perennial bed once in early spring at 1"-2" depth. If soil is bared in late	
	fall, re-mulch lightly after ground is frozen to protect perennials. d. Inspect for insect or disease problems on perennials. Monitor and control slugs on	
ed in the	hostas and ligularias. Powdery mildew on phlox, monardas, and asters can be	
this type of	prevented with properly timed fungicides or use of disease-resistant varieties.	
	<ul><li>e. Weed perennial bed as specified in "WEEDING" above.</li><li>f. Prune branching species to increase density. Cut only the flowering stems after</li></ul>	
	blooming. Do not remove the foliage.	
p includes	3. The following fall cut back deteriorating plant parts unless instructed to retain for winter	
standing	interest, e.g. Sedum Autumn Joy and ornamental grasses.	1
	<ul> <li>4. Long-term Care:</li> <li>a. Divide plants that overcrowd the space provided. Divide according to the species.</li> </ul>	
	Some need frequent dividing, e.g. asters and yarrow every two years; other rarely, if	
ilable for	ever, e.g. peonies, hosta, and astilbe.	
on every 3 to	b. For detailed information regarding the care of specific perennials, refer to <i>All About</i> <i>Perennials</i> by Ortho; <i>Perennials: How to Select, Grow and Enjoy</i> by Pamela Harper	
	and Frederick McGouty, Hp Books Publisher; Herbaceous Perennial Plants: A	Atl
er the tree to	Treatise on their Identification, Culture and Garden Attributes by Allan Armitage,	/\LI
for	Stipes Pub LLC.	
leaf		
once in March ea.	SUMMARY OF MAINTENANCE	
urer's	LAWN MAINTENANCE	
	1. Soil analysis performed annually to determine pH. If pH does not fall within specified	
	range, adjust according to soil test recommendations.	
oth of 3" with	<ol> <li>Maintain proper fertility and pH levels of the soil to provide an environment conducive to turf vitality for cool season grasses</li> </ol>	
cleaning up	3. Mow warm and cool season on a regular basis and as season and weather dictates.	
s to be cide may be	Remove no more than the top 1/3 of leaf blade. Clippings on paved and bed areas will	
	be removed. 4. Aerate warm season turf areas to maintain high standards of turf appearance.	
	5. Apply pre-emergent to turf in two applications in early February and early April to extend	
ulch in excess ulching	barrier. 6. Apply post emergent as needed to control weeds.	
trimental to	<ol> <li>Apply post emergent as needed to control weeds.</li> <li>7. Mechanically edge curbs and walks.</li> </ol>	
	8. Apply non-selective herbicide, to mulched bed areas and pavement and remove excess	
	runners to maintain clean defined beds.	
maintain a	TREE, GROUNDCOVER, AND SHRUB BED MAINTENANCE	
	<ol> <li>Prune shrubs, trees and groundcover to encourage healthy growth and create a natural appearance.</li> </ol>	
used where	<ol> <li>Mulch to be applied in February/March with a half rate in late summer to top dress.</li> </ol>	
	3. Apply pre-emergent herbicides in February and April.	
	<ol> <li>Manual weed control to maintain clean bed appearance.</li> <li>Apply fungicides and insecticides as needed to control insects and disease.</li> </ol>	
	6. Ornamental shrubs, trees and groundcovers to be fertilized three (3) times per year with	
e on a regular h will be	a balanced material (January/February, April/May, and October/November)	
ty, plant	<ol> <li>7. Edge all mulched beds.</li> <li>8. Remove all litter and debris.</li> </ol>	
cultural		
	GENERAL MAINTENANCE 1. Remove all man-made debris, blow edges.	
nall consult	<ol> <li>Remove all man-made debris, blow edges.</li> <li>Inspect grounds on a monthly basis and schedule inspection with Unit Operator.</li> </ol>	
ve Service		
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y antoa	RELEASED FOR CONSTRUCTION	
	As Noted on Plan Review	
andscape, is consistent	Development Convises Department	
	Development Services Department Lee's Summit, Missouri	
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5200 Buffington Road lanta, Georgia 30349-2998

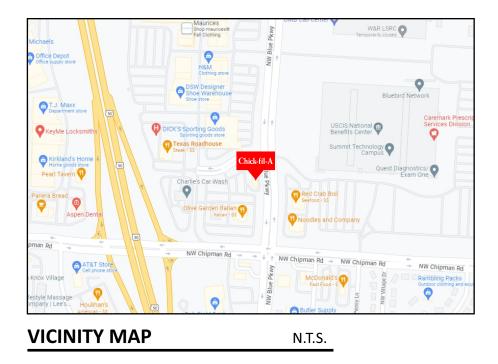


Manley Land Design, Inc. 51 Old Canton Street Alpharetta, Georgia 30009 770.442.8171 tel

	CHICK-FIL-A	SUMMIT FAIR FSU	<b>CUSTOM PROJECT SOLUTIC</b>	690 NW BLUE PARKWAY LEE'S SUMMIT, MO 64086
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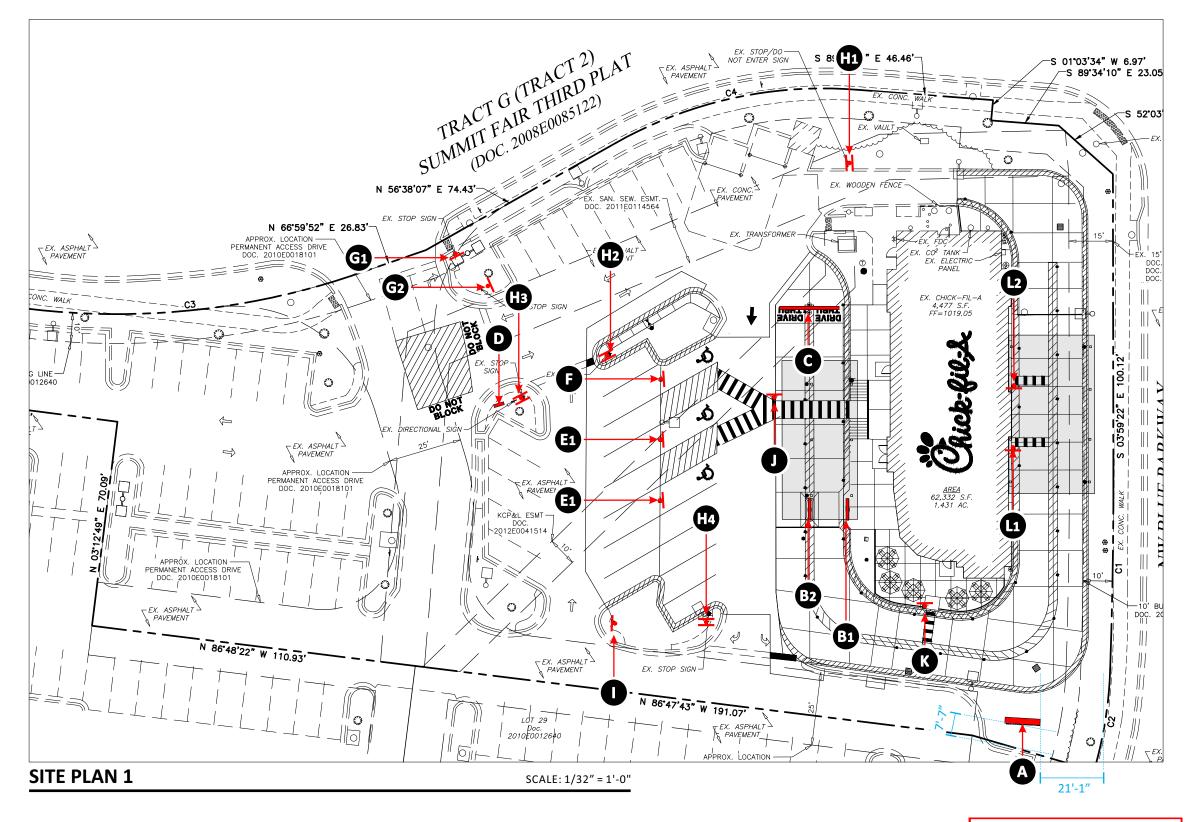
### **AERIAL VIEW**

KRISTEN HAMILTON - 678-725-8852 KHamilton@chandlersigns.com TERRI BROWN - 682-204-6687 TBrown@chandlersigns.com





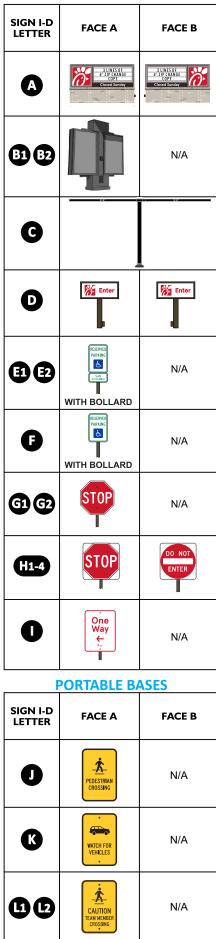
Design #
0637033Ar3
Sheet 1 of 27 Client
#2859
Address
690 NW Blue Pkwy, Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23
Approval / Date
Client
Sales
Estimating
Art Engineering
Landlord
Revision/Date
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE
R2(1/16/24)LL: ADDED STAMPED ENGINEERING
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R3(02/26/2024)AM: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED NOT FOR SIGN D FOR CSI TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
DIRECTIONAL
SIGNS
National Headquarters (214)902-2005 Ara(214)902-2044 17319 San Pedro Ave
San Antonio San Antonio, TX 78232 (210)349-3804 Fax (210)349-8724
2301 River Road Ste 201 Northeast US Louisville, KY 40206
(502) 897-9800 Cell (502) 554-2575 111 Woodstone Place
Georgia Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
South Texas PO BOX 125 206 Doral Drive Portland, TX 78374 (361) 563-5599 Fax (361) 643-6533
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PROPER GROUNDING & BONDING OF THE SIGN. SIGN WILL BEAR UL LABEL(S).
Chick-fil-&
AERIAL VIEW



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> Development Services Department Lee's Summit, Missouri

03/14/2024



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National 14201 Sovereign Road #101
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SIGN WILL BEAR UL LABEL(S).
Chick-fil:
SITE PLAN/KEY



D/F MONUMENT

SCALE: 1/2" = 1'-0"

60 SQ. FT.

ONE (1) REMOVAL REQUIRED - MANUFACTURE AND INSTALL CSI TO REMOVE AND DISCARD EXISTING MONUMENT CABINET.

G.C. TO REMOVE AND DISCARD BASE.

NEW DESIGN PENDING LANDLORD APPROVAL

### CSI TO PROVIDE NEW STEEL AND FOUNDATION.



**OPPOSITE VIEW** 

### SPECS:

FABRICATED ALUM. FRAME WITH ALUMINUM CLADDING AND ALUM. FIN / FILLER PAINTED MATTHEWS #74155 DARK BRONZE, SEMI-GLOSS FINISH.

### MAIN ID LOGO FACES

CABINET AND RETAINERS PAINTED MATTHEWS #74155 DARK BRONZE, SEMI-GLOSS. WHITE PLEX FACES WITH 3M #3630-53 CARDINAL RED TRANSLUCENT VINYL APPLIED 1ST SURFACE. INTERNALLY ILLUMINATED WITH 7100K WHITE LEDS AS REQUIRED.

### **READER BOARD DISPLAY**

.080" ALUM. FACE PAN PANEL WITH ROUTED OUT OPENING FOR READER BOARD AND R.O.S.T. COPY READING "CLOSED SUNDAY", WITH HINGED LOCKABLE F-TRACK VANDAL COVER PAINTED MATTHEWS #74155 DARK BRONZE, SEMI-GLOSS. CLEAR LEXAN FACE, SECURED TO FACE OF ALUM. PANEL. BACKED WITH 3/16" WHITE PLEX. TRACK TO ACCOMMODATE THREE ( 3 ) LINES OF CHANGEABLE 6" COPY BLACK COMMERCIAL SET OF 334 LETTERS. INCLUDE CHANGER ARM.

INTERNALLY ILLUMINATED SAME AS ABOVE.

### FOUNDATION SYSTEM

ONE (1) 4 ½" O.D. x .237" WALL STEEL SUPPORT ONE (1) 24" x 5'-0" DEEP CONCRETE PIER.

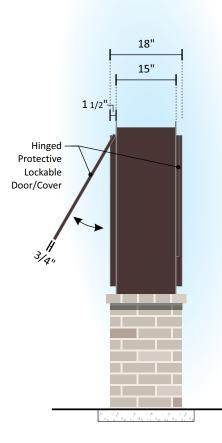
FOOTING AND 1" x 1" x .125" ALUM. FABRICATED BASE FRAME WITH 1/2" CEMENT BOARD.

### MASONRY / BRICK: BY G.C.

THE MONUMENT BRICK MATERIAL AND DESIGN SHALL MATCH THE BUILDING MATERIAL AND MORTAR FINISH.

PRIMARY ELECTRIC RUN THRU NEC APPROVED WEATHER-PROOF CONDUIT - COORDINATE PRIOR TO CONCRETE FOUNDATION / PAD POUR.





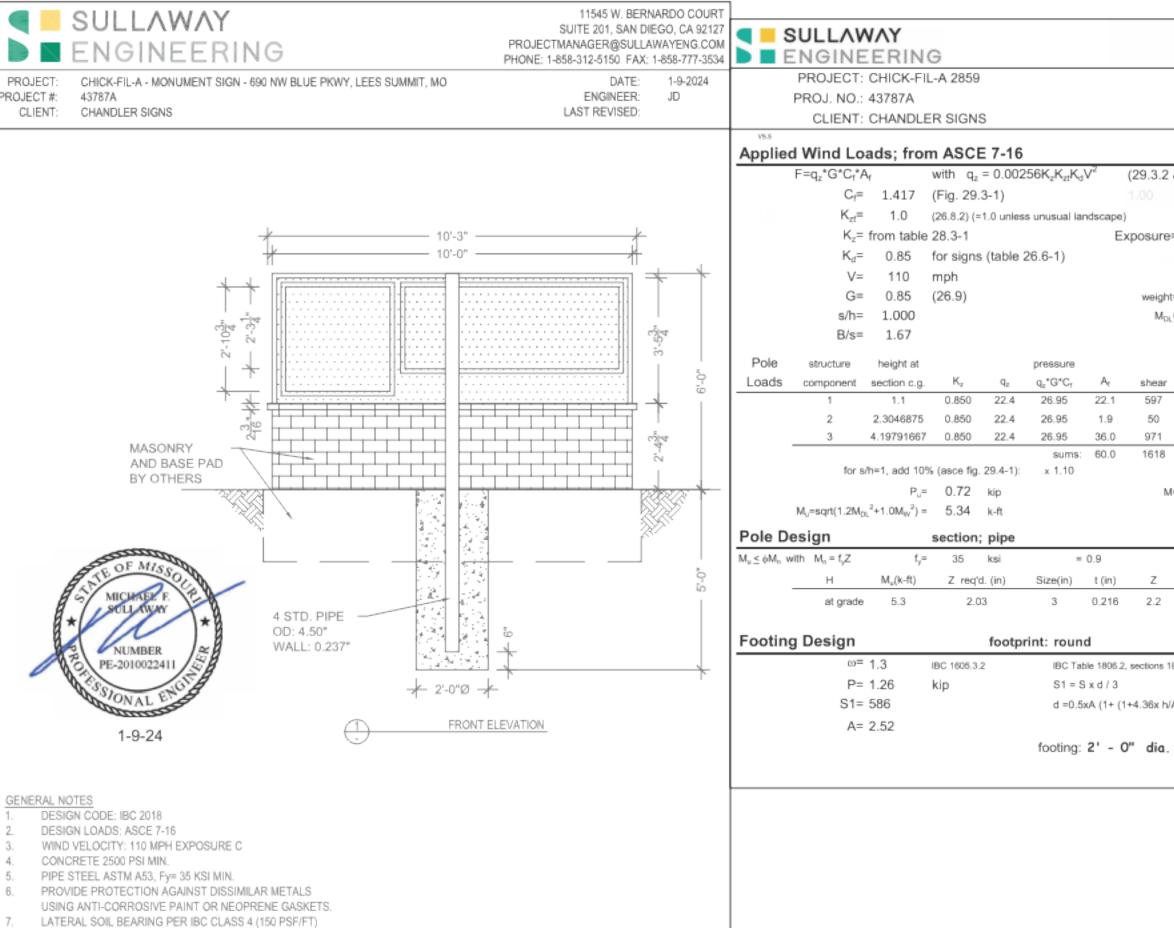
### END VIEW



### **EXISTING CONDITIONS**

RELEASED FOR CONSTRUCTION As Noted on Plan Review

D	ocian #	
	esign # 37033Ar3	
Sheet	3 of 27	
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Δ	#2859 ddress	
	IW Blue Pkwy	,
	, Summit, MO	,
Account Rep.	KRISTEN HA	AMILTON I BROWN
Designer	LEAH LAN	ISFORD
Date		)/29/23
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Estimating		
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Landlord	-	
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CORRECTION(01/17/ SECTION AND ADDE REMOVALS FOR SIG	2024)AM: REVISED [ ED THE WORD G.C. I SNS B1-2, C, D, G1-2	Detail N Front of And H1-4
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TO REMOVE AND DI DIRECTIONAL	SCARD EXISTING D	F
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Headquarters	Fort Worth, TX 7 (214)902-2000 Fax( 17319 San Pedro	76155 214)902-2044
San Antonio	Ste 200 San Antonio, TX (210)349-3804 Fax	78232 (210)349-8724
Northeast US	2301 River Road Louisville, KY 402 (502) 897-9800 Cell (	206
Georgia	111 Woodstone Dawsonville, GA (678) 725-8852 Fax (2	Place
South Texas	(678) 725-8852 Fax (3 PO BOX 125 206 Portland, TX 783 (361) 563-5599 Fax (3	
	(361) 563-5599 Fax ( ng is the prope dler Signs, LLC ss use for repre	ac1) 643-6533
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THIS SIGN IS IN ACCORDA NATIONAL EI	INTENDED TO BE INS NCE WITH ARTICLE 60 LECTRICAL CODE AND LOCAL CODES. THIS DUNDING & BONDING EAR UL LABEL(S).	TALLED 00 OF THE 0/OR OTHER INCLUDES
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Page 1 of 3

ALL DIMENSIONS TO BE VERIFIED PRIOR TO FABRICATION.

Page 2 of 3

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National Headquarters 14201 Sovereign Road #101 Fort Worth, TX 76155 (214)902-2000 Fax(214)902-2044
17319 San Pedro Ave           San Antonio         Ste 200           San Antonio, TX 78232         San Antonio, TX 78232           (210)349-3804 Fax (210)349-8724         San 200
2301 River Road Ste 201
Northeast US Louisville, KY 40206 (502) 897-9800 Cell (502) 554-2575 111 Woodstone Place
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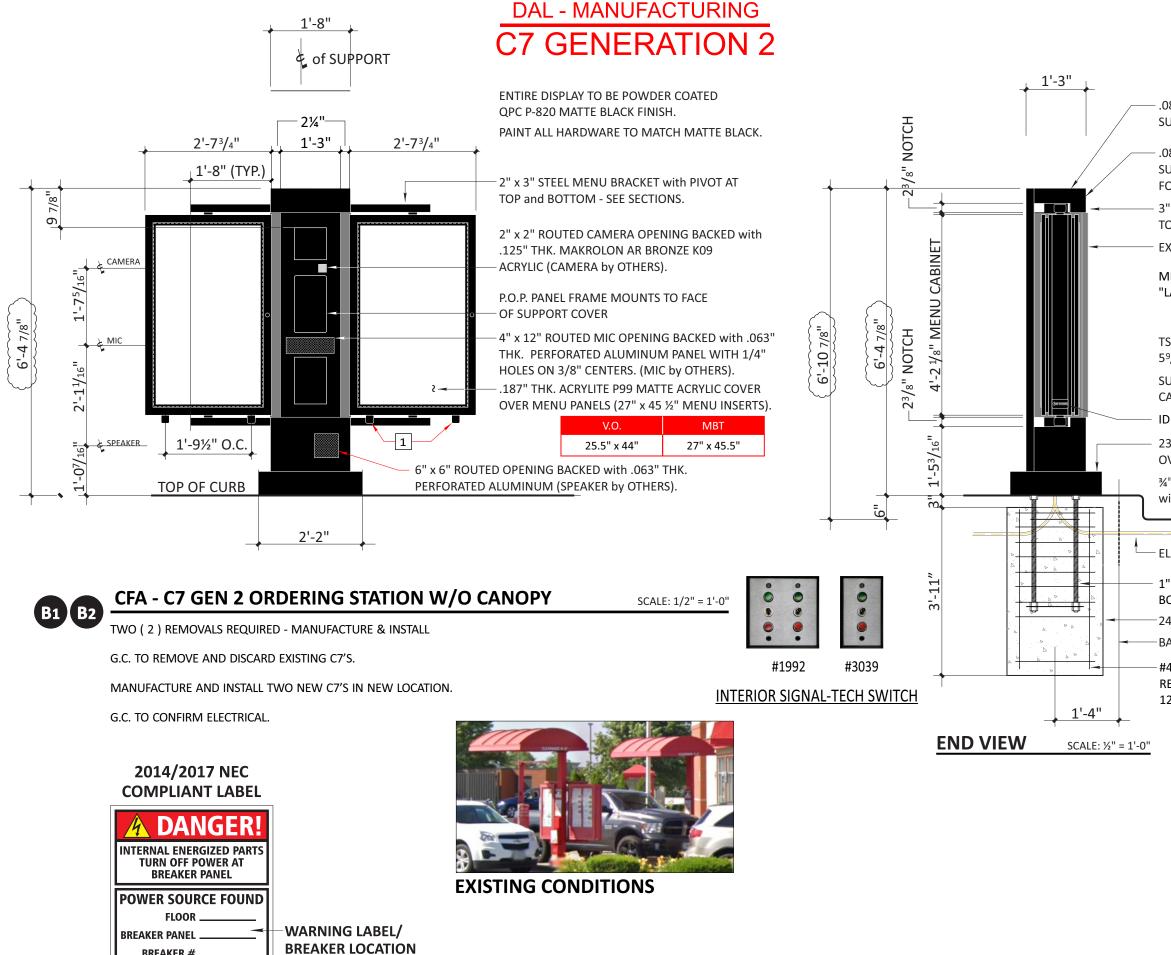
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ENGINE	ERIN	G					Phon	e: 858-312-515	0 Fax: 85	58-777
PROJECT:	CHICK-FI	L-A 2859						DATE:	1/9/24	
PROJ. NO.:	43787A						El	NGINEER:	JD	
CLIENT:	CHANDL	ER SIGNS								
5.5							s; pou	nds, feet unles	s noted	otherv
Check	Buckl	ing for F	Round H	ISS S	Sectio	n				
Pole Design-AISC	)	section; pip	oe<=12"		weight=	0.6	kips			
j	F _v =			0.9			E=	29,000	ksi	
Н	M _u (k-ft)		Size(in)	t (in)	Z	S	-	20,000		
at grade	5.34	2.03	4.5	0.220	4	3		spec wt=	0.289	kcf
				r=	= 1.52			signage wt;	0.600	k
				A=	= 2.96			pipe weight	0.065	k
D/t=	20.4			h (L) =	= 6			P=	0.665	k
KL/r=	95.0							P _r =	0.80	k
K=	2		F _{cr} =	22.39	for KL/r <s< td=""><td>sqrt(E/f_v)</td><td>)</td><td></td><td>AISC</td><td>Chap.</td></s<>	sqrt(E/f _v )	)		AISC	Chap.
Fe=	32.8	ksi (E3-4)	F _{cr} =	28.74	for KL/r>s	sqrt(E/f _v )	)			
4.71sqrt(E/f _y )=	137.9		use F _{cr} =			, , ,				
for D/t < 0.07 E/		s compact	0.07 E/F _v =							
for D/t < 0.31 E/			0.31 E/F _v =							
	compact	-	,							
P _n =F _{cr} A _a =	66.3	k	P _c =∳Pn=	59.7	k					
$M_n = (0.021E/(D/t) + F_v)S =$	16.6	k (non-compact								(F8-
$M_n = F_y Z =$	11.8	k-ft (compact)	-)							(
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use M _n =	11.8	k-ft			• 0.01337					
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For P _r /P _c <0.2; P _r /2F	$r_c + M_r/M_c =$									
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	C=	- 6 in3	3		C=2J/d		J=pie/	′32(d^4-(d-2t)^	4)	
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F _{cr} =0.6E / ( (D/t	)^1.5)		F _{cr} =	188.6	ksi					
$F_{cr} < 0.6F_{y}$			0.6F _y =	21	ksi		$F_{cr} =$	21.0	ksi	
Tu=	3.2	k-ft								
$\phi T_n =$	114	k-in	10	k-ft		( Τ _u /φΤ	n) ² =	0.115		
		u/∲M _n +( Tu/∲ [−]	$(\Gamma_n)^2 = 0.63$							

	esign #	
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	5 of 27 Client	
	Client #2859	
	ddress	
	W Blue Pkwy	
	Summit, MO	,
Account Rep.	KRISTEN HA	AMILTON I BROWN
Designer	LEAH LAN	ISFORD
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Appr	oval / Date	2
Client		
Sales		
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National Headquarters	(	
San Antonio	17319 San Pedro Ste 200 San Antonio, TX (210)349-3804 Fax (	
Northeast US	2301 River Road Louisville, KY 402 (502) 897-9800 Cell (	Ste 201
Georgia	111 Woodstone Dawsonville, GA (678) 725-8852 Fax (2	Place 30534 210) 349-8724
South Texas	PO BOX 125 206 Portland, TX 783	Doral Drive 74
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FINAL E		
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THIS SIGN IS		ALLED 0 OF THE
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Development Services Department Lee's Summit, Missouri

03/14/2024



**BREAKER** #

.080" THK. ALUM. BRAKE FORMED SUPPORT COVER ENCLOSURE.

.080" THK. ALUM. BRAKE FORMED SUPPORT COVER. BACK IS REMOVABLE FOR INSTALL ACCESS.

3" x 2" STEEL MENU BRACKET with PIVOT AT TOP and BOTTOM - SEE SECTIONS.

EXTRUDED ALUM. MENU DISPLAY

MENU CABINETS ILLUMINATED with BITRO "LATTICE" LEDS LAT66D24-SW1C600-60

TS 6" x 6" x 3/16" STEEL SUPPORT with 59/16" DIA. PIVOT SLEEVE - SEE DETAILS.

SUPPORT COVER NOTCHED TO ALLOW CABINETS TO PIVOT - SEE DETAILS.

ID PLATE FOR ROTATION DIRECTION.

23" x 26" x .063" THK. ALUMINUM ESCUTCHEON OVER ANCHOR BOLTS and BASE PLATE.

3/4" THK. x 14 1/4" DIA. STL. BASE PLATE with SLOTTED HOLES - SEE DETAIL.

ELECTRICAL CONDUIT by OTHERS

1" DIA. x 24" LONG ALL THREAD ANCHOR BOLTS

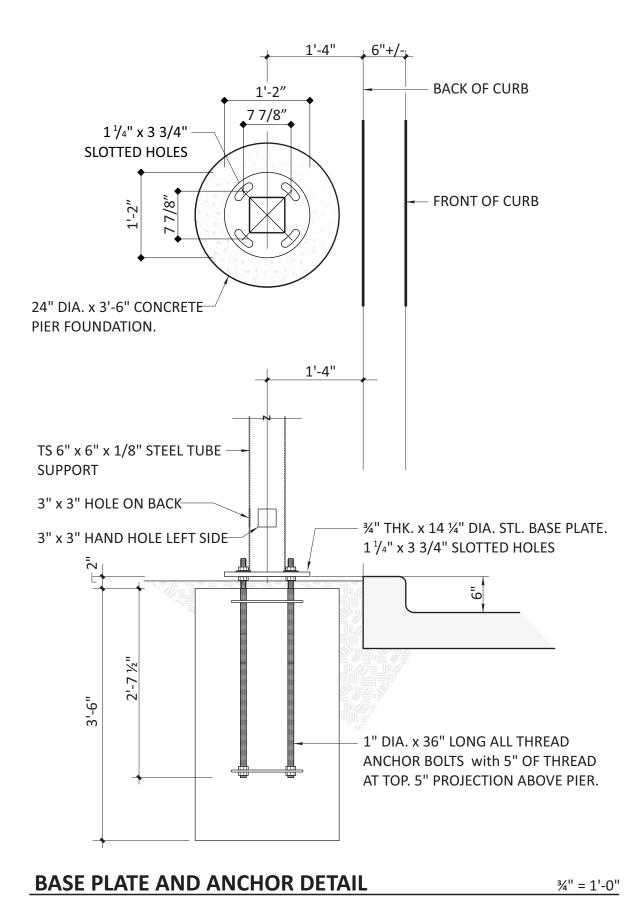
24" DIA. CONCRETE PIER FOUNDATION.

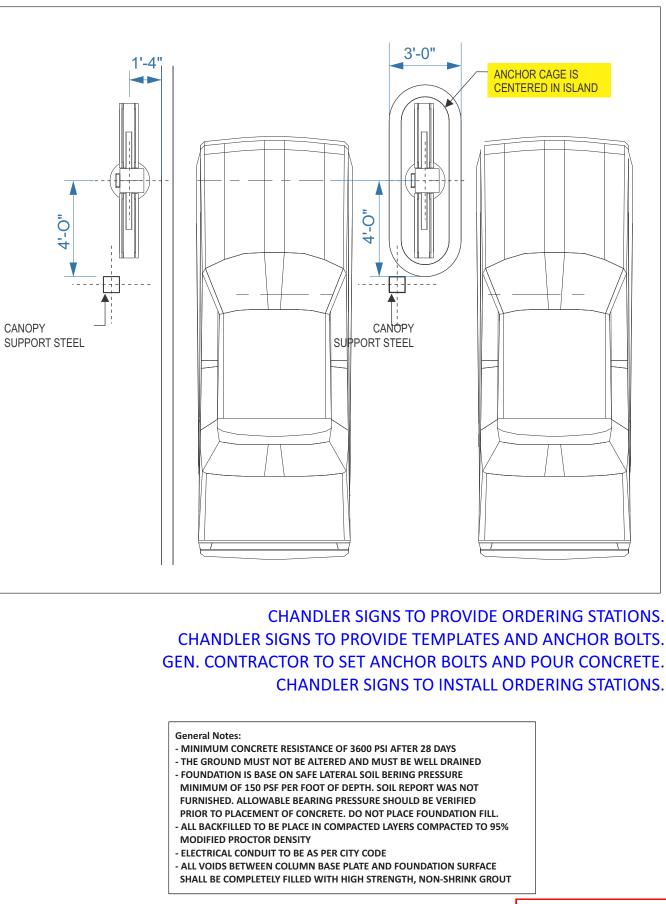
BACK OF CURB

#4 @ 4 TOP 24" **REMAINDER** @ 12" 12-#4 VERT. BARS



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Sheet 6 of 27
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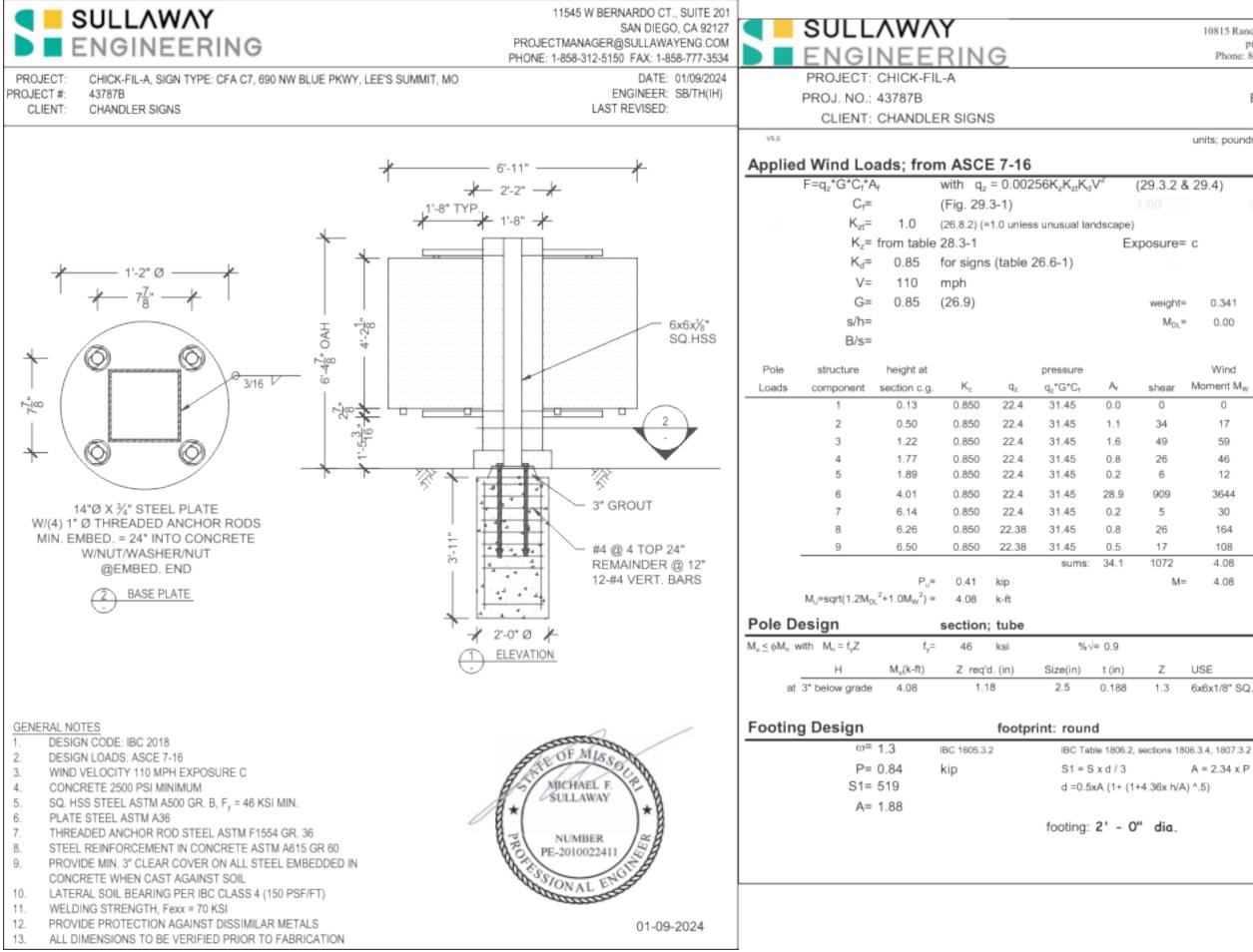


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	NGED SIZE OF PANELS ON THE
	2024)AM: REVISED DETAIL ED THE WORD G.C. IN FRONT OF GNS B1-2, C, D, G1-2 AND H1-4
SIGN A FOR CSI TO FOUNDATION AND A TO REMOVE AND DI	PDATED SP, ADDED NOTE FOR PROVIDE NEW STEEL AND IDDED NOT FOR SIGN D FOR CSI ISCARD EXISTING D/F
DIRECTIONAL	
	HANDLER
SI SI	IGNS
National	14201 Sovereign Road #101
Headquarters	14201 Sovereign Road #101 Fort Worth, TX 76155 (214)902-2000 Fax(214)902-2044 17319 San Pedro Ave
San Antonio	Ste 200 San Antonio, TX 78232 (210)349-3804 Fax (210)349-8724
Northeast US	2301 River Road Ste 201 Louisville, KY 40206 (502) 897-9800 Cell (502) 554-2575
	111 Woodstone Place
Georgia	Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
South Texas	PO BOX 125 206 Doral Drive Portland, TX 78374 (361) 563-5599 Fax (361) 643-6533
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	ELECTRICAL ECTION BY
CUS	TOMER
	INTENDED TO BE INSTALLED NCE WITH ARTICLE 600 OF THE .ECTRICAL CODE AND/OR OTHER : LOCAL CODES. THIS INCLUDES UNDING & BONDING OF THE SIGN. EAR UL LABEL(S).
PROPER GRO SIGN WILL BE	LOCAL CODES. THIS INCLUDES DUNDING & BONDING OF THE SIGN. EAR UL LABEL(S).
On.	L ():() 0°
Chic	k-fil:L
P	31-2
	· ± - £







10815 Rancho Bernardo RD., SD, CA 92127 projectmanager@sullawayeng.com Phone: 858-312-5150 Fax: 858-777-3534

> DATE: 1/9/24 ENGINEER: SB/TH(IH)

units; pounds, feet unless noted otherwise

3.2 & 29.4)	29.4)		&	2	3.
-------------	-------	--	---	---	----

max. height= 6.7

eight=	0.341	kips
M _{DL} =	0.00	k-ft

	Wind		
near	Moment $M_{\rm W}$		
0	0		
34	17		
49	59		
26	46		
6	12		
09	3644		
5	30		
26	164		
17	108		
072	4.08	$(M_w)$	
M=	4.08	k-ft	

USE

S=(1.3x2x150 psf/ft) S= 400 A = 2.34 x P / (S1 x b)IBC 1807.3.2.1

3' - 11" deep

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ent Services De Lee's Summit. Mis 03/14/2024

Design #
Design # 0637033Ar3
Sheet 8 of 27
Client
#2859
Address
690 NW Blue Pkwy,
Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23
Approval / Date
Client
Sales Estimating
Art
Engineering
Landlord Revision/Date
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE
R2(1/16/24)LL: ADDED STAMPED ENGINEERING
CORRECTION(01/17/2024)AM: REVISED DETAIL SECTION AND ADDED THE WORD G.C. IN FRONT OF REMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4
R3(02/26/2024)AM: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED NOT FOR SIGN D FOR CSI TO REMOVE AND DISCARD EXISTING DIF
FOUNDATION AND ADDED NOT FOR SIGN D FOR CSI TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
SIGNS
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PROPER GROUNDING & BONDING OF THE SIGN. SIGN WILL BEAR UL LABEL(S).
Chick-fil-&
Munk greize
B1-2

	Page 3 of 9			Page 4 of 9
SULLAWAY		10815 Rancho Bernardo RD., SD, CA 92127	Anchor Designer™	Company:
		projectmanager@sullawayeng.com	Software	Engineer:
		Phone: 858-312-5150 Fax: 858-777-3534	Version 3.2.2309.2	Project:
PROJECT: CHICK-FIL-A		DATE: 1/9/24	Version 5.2.2505.2	Address:
PROJ. NO.: 43787B		ENGINEER: SB/TH(IH)		Phone: E-mail:
CLIENT: CHANDLER S	IGNS	Entometere obsimility		C-mail.
VSS	10110	units; pounds, feet unless noted otherwise	1.Project information	
4.010		units, pounds, reet unites noted ourerwise	Customer company:	Project description:
			Customer contact name: Customer e-mail:	Location: Fastening description:
Check 14" dia x 3/4" thk Round			Considere-mail.	Pastening description.
arm = 1.	0875 in b = 10.05 in t =	0.75 in		
Mplate =	T * arm =	5.883 k-in (T= 5.410k per Simpson)	2. Input Data & Anchor Parameters	
Z=	bt^2/4=	1.413 in ³	General	Base Material
φMn =	%√*Fy*Z = 0.9*36ksi*Z =		Design method:ACI 318-19 Units: Imperial units	Concrete: Normal-weight Concrete thickness, h (inch): 47.00
φινιτ –	701 T y 2 0.0 00km 2	45.760 Kill OK		State: Cracked
			Anchor Information:	Compressive strength, f'c (psi): 2500 ) cv: 1.0
			Anchor type: Cast-In-place Material: AB	Reinforcement condition: Supplementary rein
			Diameter (inch): 1.000	Supplemental edge reinforcement: Not applic
- 8 (r gt ga go / (12), (10) ⁻¹⁰ (d			Effective Embedment depth, her (inch): 24.000 Anchor category: -	Reinforcement provided at corners: No Ignore concrete breakout in tension: No
			Anchor ductility: Yes	Ignore concrete breakout in shear: No
			h _{min} (inch): 26.63 G _{min} (inch): 6.00	Ignore 6do requirement: No
			Smin (inch): 6.00	Build-up grout pad: No
				Base Plate
				Diameter x Thickness (inch): 14.00 x 0.75 Yield stress: 36000 psi
				Profile type/size: HSS6X6X1/8
			Becommended Analysis	
			Recommended Anchor Anchor Name: PAB Pre-Assembled Anchor Bolt - PAB8 (1%)	<b>7</b> )
				-
			A A MARTINE COMPANY AND A CONTRACT OF A C	
				-

Input data and results must be checked for agreement with the existing circumstances, the standards and guidelines must be checked for plausibility. Simpson Strong-Tie Company Inc. 5956 W. Las Positas Boulevard Pleasanton, CA 94588 Phone: 925.560.9000 Fax: 925.847.3871 www.strongtie.com

### Page 4 of 9

Date:	1/9/2024
Page:	1/6

Supplementary reinforcement not present cement: Not applicable corners: No

### RELEASED FOR CONSTRUCTION As Noted on Plan Review

	Des <b>:</b>	
	Design # 0637033Ar3	
Sheet	9 of 27	
Jileet	Client	
	#2859	
	Address	
6	90 NW Blue Pkwy,	
	Lees Summit, MO	
Accour Rep.	nt KRISTEN HAM TERRI BI	
Design	er LEAH LANSF	ORD
Date		9/23
	pproval / Date	
Client Sales		
Estima	ting	
Art		
Engine		
Landlo	rd evision/Date	
	L: CHANGED SIZE OF PANELS C	ON THE
R2(1/16/24)LL:	ADDED STAMPED ENGINEERIN	IG
CORRECTION SECTION AND REMOVALS F	I(01/17/2024)AM: REVISED DETA ) ADDED THE WORD G.C. IN FR OR SIGNS B1-2, C, D, G1-2 AND	L ONT OF H1-4
	)AM: UPDATED SP, ADDED NOTI SI TO PROVIDE NEW STEEL AN AND ADDED NOT FOR SIGN D AND DISCARD EXISTING D/F	
DIRECTIONAL		
	CHANDL	FD
	SIGNS	ER
National Headqua	(214)502 2000 1 0x(214)5	5 102-2044
San Anto	17319 San Pedro Ave Ste 200 San Antonio, TX 7823	
	(210)349-3804 Fax (210) 2301 River Road Ste	201
Northeas	t US Louisville, KY 40206 (502) 897-9800 Cell (502)	554-2575
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SIGN	HILL DEAK OF LABEL(S).	
0	,	
Ch	ick-fil;	Ľ
		-
	B1-2	

Company:

Engineer:

Project:

Address: Phone: E-mail:



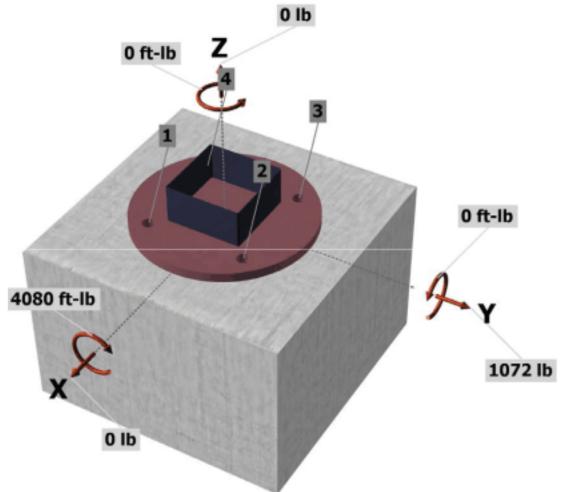
### Load and Geometry

Load factor source: ACI 318 Section 5.3 Load combination: not set Seismic design: No Anchors subjected to sustained tension: Not applicable Apply entire shear load at front row: No Anchors only resisting wind and/or seismic loads: No

### Strength level loads:

Nua [lb]: 0 Vux [lb]: 0 Vuy [lb]: 1072 Mux [ft-lb]: -4080 Muy [ft-lb]: 0 Muz [ft-lb]: 0

<Figure 1>



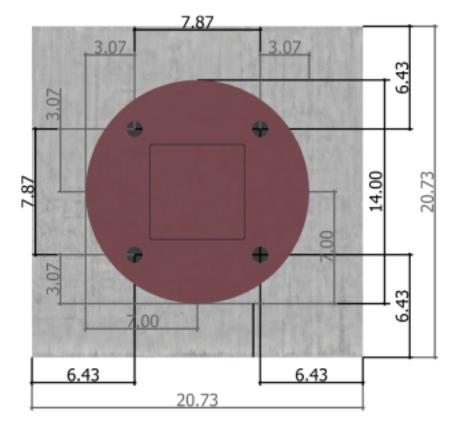
Anchor Designer™ Software Version 3.2.2309.2

Company:	
Engineer:	
Project:	
Address:	
Phone:	
E-mail:	

<Figure 2>

Date: 1/9/2024

Page: 2/6



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Page 6 of 9

Date:	1/9/2024
Page:	3/6



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<b>Sheet</b> 10 of 27
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Chick-fil:&
• · · ·
B1-2



Company:	Date: 1/9/2024
Engineer:	Page: 4/6
Project:	
Address:	
Phone:	
E-mail:	

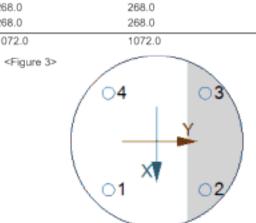
### 3. Resulting Anchor Forces

Anchor	Tension load, Nus (Ib)	Shear load x, V _{usx} (lb)	Shear load y, V _{aay} (lb)	Shear load combined, $\sqrt{(V_{uax})^2 + (V_{uay})^2}$ (Ib)
1	2704.5	0.0	268.0	268.0
2	0.0	0.0	268.0	268.0
3	0.0	0.0	268.0	268.0
4	2704.5	0.0	268.0	268.0
Sum	5409.0	0.0	1072.0	1072.0

Maximum concrete compression strain (%): 0.07 Maximum concrete compression stress (psi): 307 Resultant tension force (lb): 5409 Resultant compression force (lb): 5409 Eccentricity of resultant tension forces in x-axis, e'_{Nx} (inch): 0.00 Eccentricity of resultant tension forces in y-axis, e'_{Ny} (inch): 0.00

Eccentricity of resultant shear forces in x-axis, e'vx (inch): 0.00

Eccentricity of resultant shear forces in y-axis, e'vy (inch): 0.00



### 4. Steel Strength of Anchor in Tension (Sec. 17.6.1)

N _{se} (Ib)	2	::N (lb)	
35150	0.75	26363	

### 5. Concrete Breakout Strength of Anchor in Tension (Sec. 17.6.2)

.:	f°c (psi)	her (in)	N5 (ID)						
1.00	2500	9.533	34290						
$N_{rho} = \otimes (A$	ne / Aneo) The N	www.www.wM	(Sec. 17.5.1	2 & Eq. 17.6	2.1a)				
A ACTES - TO A	ner rancoj s ne, n s	BENA CON COMME	forest interi	the on model in the	and they				
An: (in ² )	Anco (in ² )	Carnie (in)	Get.N	i nativ	ζε.N	$c_{12}, N$	No (lb)	¢	<i>::Nnbg</i> (lb)

### 6. Pullout Strength of Anchor in Tension (Sec. 17.6.3)

$gN_{pn}=gY_{n}$	$PN_P = \langle Y_C, P8A_{P9} \rangle$	c (Sec. 17.5.1.	2, Eq. 17.6.3.1	l & 17.6.3.2.2a)
$\widetilde{\mathcal{K}} \subseteq \mathcal{P}$	Aboy (in ² )	f°∈ (psi)	ê	::N₀π (lb)
1.0	5.15	2500	0.70	72156

Anchor Designer™	Company:	
 0	Engineer:	
Software	Project:	
 Version 3.2.2309.2	Address:	
	Phone:	
	E-mail:	

### 7. Side-Face Blowout Strength of Anchor in Tension (Sec. 17.6.4)

$A_{sby} = A_{sby} (1+c)$	_{e2} /c _{e1} )/4}(1+s/6c	$e_1)N_{ab} = c_1(1+c_a)$	/ce1)/4}(1+s/6ce	)(160car Adry)	fc (Sec. 17.5.1	.2, Eq. 17.6.4.1	& 17.6.4.2)
s (in)	car (in)	c _{e2} (in)	Аыд (in²)	1.8	fe (psi)	ĉ	Nobg (lb)
7.87	6.43	6.43	5.15	1.00	2500	0.70	49211

### 8. Steel Strength of Anchor in Shear (Sec. 17.7.1)

V₂⊯ (Ib)	f grout	ŝ	::grout::Var (lb)	
21090	1.0	0.65	13709	

### 9. Concrete Breakout Strength of Anchor in Shear (Sec. 17.7.2) Shear perpendicular to edge in y-direction:

$V_{0y} = \min[7(l_e/d_e)^{0.2} \cdot d_e : : \circ f_c c_{e7}^{1.5}; 9 : : \circ f_c c_{e7}^{1.5}]$ (Eq.	. 17.7.2.2.1a & Eq. 17.7.2.2.1b)
-----------------------------------------------------------------------------------------------------------	----------------------------------

I _e (in)	d _* (in)	.in	f°∉ (psi)	cer (in)	V _{by} (lb)	
8.00	1.000	1.00	2500	14.30	24334	
$c_{cbgy} = c (A$	vc/Av∞) ₹ec,v ₹e	$d, v \neq c, v \neq h, v V_{dy}$	(Sec. 17.5.1.2 &	Eq. 17.7.2.1b)		
Ave (in ² )	Avea (in ² )	eo.V	< est.V	$\overleftarrow{c}, \forall$	$(\mathbf{R},\mathbf{V})$	V _{hy} (lb)
444.66	920.21	1.000	0.790	1.000	1.000	24334

1.000	edge in x-direction:	1.000 .7.2.2.1b)	24334	0.70	6502
	•	.7.2.2.1b)			
	•	.7.2.2.1b)			
	•	.7.2.2.1b)			
		.7.2.2.1b)			
1a & Eq. 17.7	^{9.2} Nd _{8.6} an <i>f</i> ⁺ cCar ^{1.6} ; 9.6 an <i>f</i> ⁺ cCar ^{1.6} ] (Eq. 17.7.2.2.1a & Eq.				
Car (in)	(in) $\vdots_a = f_c$ (psi) $c_{art}$ (in)	V _{by} (lb)			
6.43	000 1.00 2500 6.43	7337			
17.7.2.1(c) & I	Avec) Tech Tech Tech V (Sec. 17.5.1.2, 17.7.2.1(c	Eq. 17.7.2.1b)			
	in (in ² ) Zec.V Zec.V Zec.V	(h, V)	V _{ky} (lb)	ê	:°V₀bg× (lb)
$\sim 0.10$		1.000	7337	0.70	11039
	/os (in²) 2°ec.V 2°ec.V			1111 1111	1.000 1.000 7337 0.70

### 10. Concrete Pryout Strength of Anchor in Shear (Sec. 17.7.3)

$cV_{coy} = ck$	$_{cp}N_{cby} = K_{cp}(A_{Nc})$	/ Anco) 2000 200	en ten ten N	(Sec. 17.5.1.2	& Eq. 17.7.3.	1b)
$k_{ip}$	A _{Mt} (in ² )	A _{Neo} (in ² )	$\sigma \mathbf{c}, N$	ed.N	$c_{\rm e}N$	$c\mu,N$
2.0	429.73	165.38	1.000	1.000	1.000	1.000

### 11. Results

### Interaction of Tensile and Shear Forces (Sec. 17.8)

Concrete breakout x-		11039	0.05	Pass (Governs)
T Concrete breakout y+	1072	6502	0.16	Pass (Governs)
Steel	268	13709	0.02	Pass
Shear	Factored Load, V.s (lb)	Design Strength, øV₅ (lb)	Ratio	Status
Side-face blowout	5409	49211	0.11	Pass
Pullout	2704	72156	0.04	Pass
Concrete breakout	5409	10528	0.51	Pass (Governs)
Steel	2704	26363	0.10	Pass
Tension	Factored Load, Nue (Ib)	Design Strength, øNn (Ib)	Ratio	Status

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### Page 8 of 9

Date:	1/9/2024
Page:	5/6

RELEASED FOR CONSTRUCTION As Noted on Plan Review	1
Development Services Department	

Lee's Summit, Missouri 03/14/2024

N ₀ (lb)	ê	$::V_{\text{opp}}$ (Ib)	
9049	0.70	32921	

Design #
0637033Ar3 Sheet 11 of 27
Client
#2859
Address
690 NW Blue Pkwy, Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Rep. TERRI BROWN Designer LEAH LANSFORD
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Chick-fil 3
• •
B1-2

Apphor DesignerT		ar TM	[	Company:			Date:	1/9/2024
	Anchor Designer™			Engineer:			Page:	6/6
	Software			Project:				
	Version 3.2.2309.2			Address:				
				Phone:				
				E-mail:				
Pryout	1072		3292	1	0.03		Pass	
Interaction check	Nuu/⇔Nn	Vum/::Vn		Combine	d Ratio	Permissible	Status	
Sec. 17.8.1	0.51	0.00		51.4%		1.0	Pass	

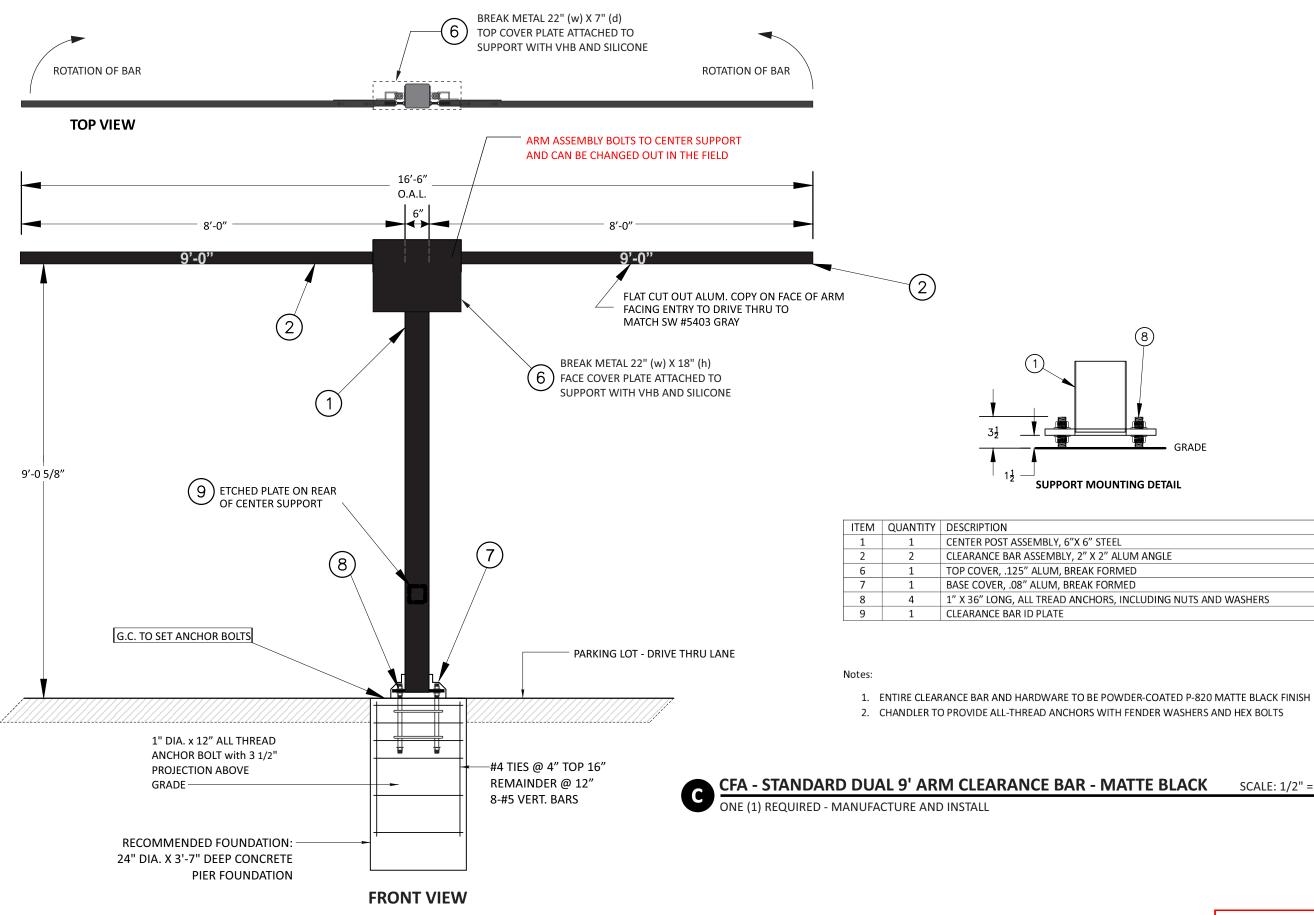
PAB8 (1"Ø) with hef = 24.000 inch meets the selected design criteria.

### 12. Warnings

- Designer must exercise own judgement to determine if this design is suitable.

Design #
0637033Ar3
Sheet 12 of 27 Client
#2859
Address
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(210)349-3804 Fax (210)349-8724           2301 River Road Ste 201           Northeast US           Louisville, KY 40206           (502) 897-9800 Cell (502) 554-2575
(502) 897-9800 Cell (502) 554-2575 <b>Georgia</b> <b>111</b> Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
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Chick-filze
B1-2

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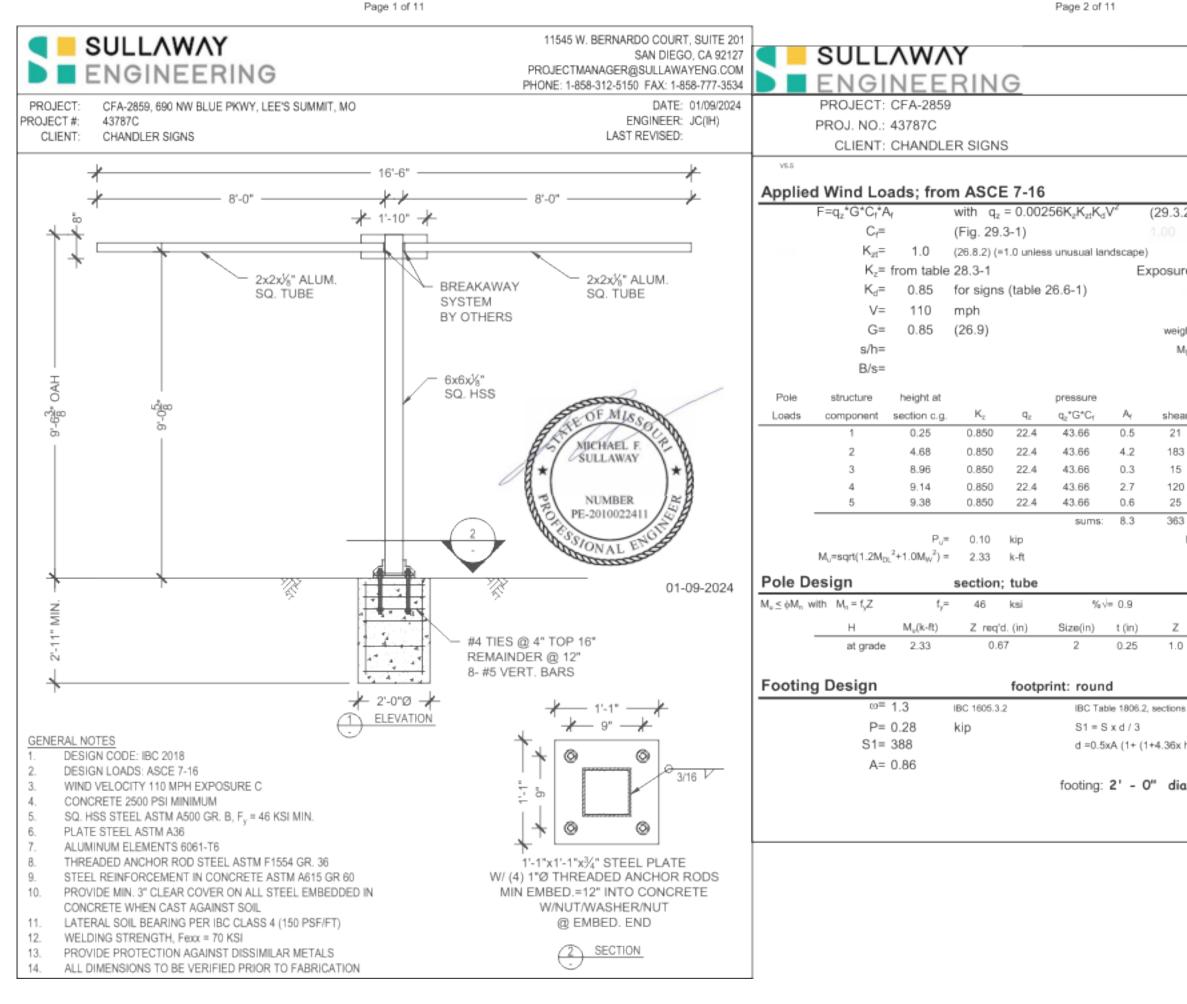


SCALE: 1/2" = 1'-0"

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Lee's Summit. Missour 03/14/2024

Design # 0637033Ar3
Sheet 13 of 27
Client
#2859
Address
690 NW Blue Pkwy, Lees Summit, MO
Account KRISTEN HAMILTON
Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23 Approval / Date
Client
Sales
Estimating
Art
Engineering Landlord
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	E	NGIN	EER:	JC(IH)	
	units; pounds	, feet u	inless n	oted other	nise
2 &	29.4)				
		n	nax. h	eight= 9.	53
re=	С				
ght=		kips			
(DL=	0.00	k-ft			
	Wind				
ar	Moment M _W				
	5				
3	855 134				
)	1097				
	234				
3	2.33	(M _w )		arm= 6.4	
M=	2.33	k-ft	M=sqr	$t(M_{DL}^2 + M_w^2)$	)
	USE				
(	6x6x1/8" SQ.	HSS, (	Mn=15	.6 k-ft	
	3.3.4, 1807.3.2		1	x2x150 ps	,
	A = 2.34 x P /	(S1 x		S= 40	0
h/A)	^.5)		IBC 18	307.3.2.1	
		21		da	
<b>a</b> .		2	11"	deep m	in.
	RELEASE	D FO	on Plan R	ISTRUCT leview	ION
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		ee's Su	nmit, Mi		
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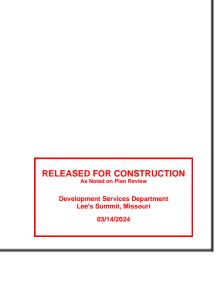
Page 3 of 11

SULLAWAY				SULLAWAY			
■ ENGINEER	ING			► ENGINEERING			
PROJECT: CFA-2859			DATE: 1/09/24	PROJECT: CFA-2859			_
PROJ. NO.: 43787C		EM	NGINEER: JC(IH)	PROJ. NO.: 43787C			
CLIENT: CHANDLER	SIGNS			CLIENT: CHANDLER SIGNS			
V5.5		units; pound	ds, feet unless noted otherwise				
				Check 2"x2"x0.125" Sq. Aluminum	Tube		
Check 2x2x1/8" Aluminum Sq	. Tube (LRFD):		φ= 0.75				_
Pnet=	(See Page#2)=	43.66 psf		Mu =	4.453 k-in	(See Page#3)	)
Tributary Area=	ATrib=(7"-4")*(2")+(8")*(8")=	1.667 ft ²		Yielding: (Governs)			
Wind Load=	WL=Pnet*ATrib=	0.073 kips		(ADM 15, F.2) Mn = Z Fcy =	23.1 k-in		
Dead Load=	DL=1.2*10psf*ATrib=	0.020 kips		Mn = 1.5 St Fty =	29.0 k-in		
arm=	(8'-0")/2=	4 ft					
MWL=	WL*arm=	0.291 k-ft		PMn =	20.8 k-in	OK	
MDL=	DL*arm=	0.080 k-ft		LB:			
Total Moment=	MDL + MWL=	4.453 k-in		(ADM 15 F.3.1) Bp =	45.0 ksi		
				Dp =	0.30 ksi		
Torsion on 6"x6"x1/8" SQ. HS	S			Cp =	61.4		
Tu=	MWL*2 Clearance bar =	0.582 k-ft	6.99 k-in				
				91 = Bp-Fcy/1.6Dp =	20.8		
Check 13x13x0.75" Steel Base	e Plate, A36			92 = k1 Bp/1.6Dp =	15.2		
n = 2 arm=	1.650 in b = 12.30 in t =	0.75 in	T= 1.432	since b/t< 91: Fc = Fcy =	35.00		
Mplate =	T per bolt * n * arm =	4.726 k-in	(T= From Simpson's)				
Z=	bt^2/4=	1.730 in ³		Bbr =	66.8 ksi		
φMn =	∳*Fy*Z = 0.9*36ksi*Z =	56.04 k-in	OK	Dbr =	0.67 ksi		
				Cbr =	67		
Loads on 1" dia. Threaded Ancho	or Rods, F1554 Gr.36:						
Mu =	=	2.33 k-ft	(See Page #2)	91 = Bbr-1.5 Fcy/mDbr =	33.0		
Vu =	=	0.363 kips	(0001 0ge #2)	92 = k1 Bbr/mDbr =	77.2		
Т		k-ft			50 50		
				since b/t< 91: Fc = 1.5 Fcy =	52.50		
					10 57 1		
				Mnlb = Fc If / ccf + Fb Iw / ccw =	49.57 k-in	<u> </u>	
				PMnlb =	44.61 k-in	OK	
							—

### DATE: 1/09/24 ENGINEER: JC(IH)

(ADM 2015 - Ch F)

d	t
2	0.125
welded?	NO
Fcy = Fty =	35 ksi
Z =	0.660 in ³
St =	0.552 in ³
P =	0.9
8 =	1 ksi
E =	10100 ksi
k1c =	0.35
k2c =	2.27
k1f =	0.5
k2f =	2.04
b/t =	14.0
m =	0.65
=	0.552 in ⁴
ccf =	0.938 in
ccw =	1.0 in



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Sheet 15 of 27
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Designer LEAH LANSFORD
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Chick-fil:
С

### SULLAWAY ► ENGINEERING

PROJECT: CFA-2859 PROJ. NO.: 43787C CLIENT: CHANDLER SIGNS

DATE: 1/9/24 ENGINEER: JC(IH)

units; pounds, feet unless noted otherwise

Check HSS6X6X.125 for torsion and co	(AISC 14 H3)	
Tr =	6.99 k-in (See Page	e#3) Fy = 46 ksi h = 5.65 in ³
h/t =	48.7	$t = 0.116 \text{ in}^3$
2.45 (E/Fy) ^{1/2} =	61.52	E = 29000 ksi
3.07 (E/Fy) ^{1/2} =	77.08	L = in
Fcr =	27.6 ksi (ee	c = $8.03 \text{ in}^3$ q'n. H3-3) $\phi = 0.9$
Tc=∳Tn = ∳ Fcr C =	199.5 k-in OK	
$Mr/Mc + (Tr/Tc)^2 =$	1	q'n. H3-6) ee Page #2 for Mr & Mc)



### 1.Project information

Customer company: Customer contact name: Customer e-mail: Comment:

### 2. Input Data & Anchor Parameters

General Design method:ACI 318-19 Units: Imperial units

### Anchor Information:

Anchor type: Cast-in-place Material: AB Diameter (inch): 1.000 Effective Embedment depth, her (inch): 12.000 Anchor category: -Anchor ductility: Yes hnin (inch): 14.63 Cmin (inch): 6.00 Smin (inch): 6.00

### Recommended Anchor

Anchor Name: PAB Pre-Assembled Anchor Bolt - PAB8 (1"Ø)



### Page 6 of 11

Company:	
Engineer:	
Project	
Address:	
Phone:	
E-mail:	

Project description: Location: Fastening description:

### Base Material

Concrete: Normal-weight Concrete thickness, h (inch): 35.00 State: Cracked Compressive strength, f'e (psi): 2500 ) e.v: 1.0 Supplemental edge reinforcement: Not applicable Reinforcement provided at corners: No Ignore concrete breakout in tension: No Ignore concrete breakout in shear: No Ignore 6do requirement: No Build-up grout pad: No

Base Plate Length x Width x Thickness (inch): 13.00 x 13.00 x 0.75

Date:	1/9/2024
Page:	1/6

Reinforcement condition: Supplementary reinforcement not present

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Design #	
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Sheet 16 of 27	
Client	
#2859	
Address	
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Designer LEAH LAN	ISFORD
	9/29/23
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Engineering	
Landlord	
Revision/Date	
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. ,	
REMOVALS FOR SIGNS B1-2, C, D, G1-2	
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	Decident
National Headquarters 14201 Sovereig Fort Worth, TX (214)902-2000 Fax 17319 San Pedro	
San Antonio San Antonio, TX (210)349-3804 Fax 2301 River Road	78232 (210)349-8724 Ste 201
Northeast US Louisville, KY 40 (502) 897-9800 Cell 111 Woodstone	206 (502) 554-2575 Place
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Company:	Date:	1/9/2024
Engineer:	Page:	2/6
Project:		
Address:		
Phone:		
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Company:	
Engineer:	
Project:	
Address:	
Phone:	
E-mail:	

Page 8 of 11

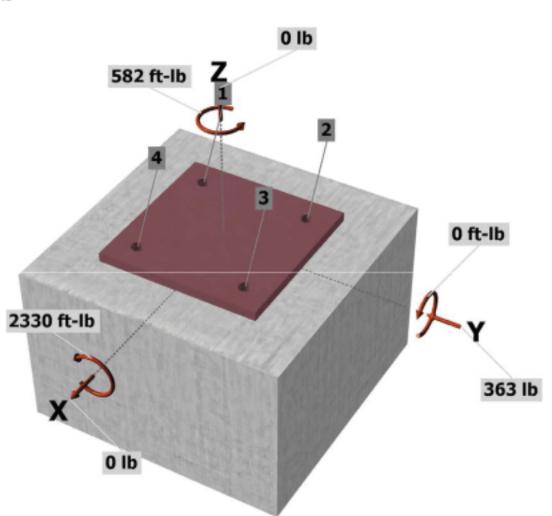
<Figure 2>

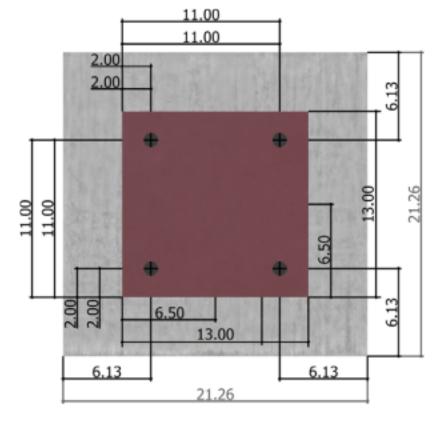
Load and Geometry Load factor source: ACI 318 Section 5.3 Load combination: not set Seismic design: No Anchors subjected to sustained tension: Not applicable Apply entire shear load at front row: No Anchors only resisting wind and/or seismic loads: No

### Strength level loads:

N₁₁₈ [lb]: 0 V_{uax} [lb]: 0 V_{uay} [lb]: -363 M_{IN} [ft-lb]: 2330 Muy [ft-lb]: 0 Muz [ft-lb]: 582

<Figure 1>





Input data and results must be checked for agreement with the existing circumstances, the standards and guidelines must be checked for plausibility. Simpson Strong-Tie Company Inc. 5956 W. Las Positas Boulevard Pleasanton, CA 94588 Phone: 925.560.9000 Fax: 925.847.3871 www.strongtie.com

Date:	1/9/2024
Page:	3/6

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Anchor Designer™ Software Version 3.2.2309.2

Company:	Date: 1/9/2024
Engineer:	Page: 4/6
Project:	
Address:	
Phone:	
E-mail:	

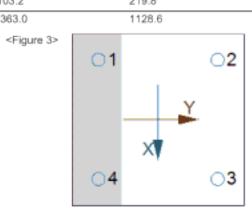
	Anchor Designer™
	Software
······	Version 3.2.2309.2

Company:	Date: 1/9/2024
Engineer:	Page: 5/6
Project:	
Address:	
Phone:	
E-mail:	

### 3. Resulting Anchor Forces

Anchor	Tension load, N _{ua} (lb)	Shear load x, V _{asx} (lb)	Shear load y, V _{uay} (lb)	Shear load combined, √(V _{ues} ) ² +(V _{uey} ) ² (Ib)	
1	0.0	194.0	-284.7	344.5	
2	1432.0	-194.0	-284.7	344.5	
3	1432.0	-194.0	103.2	219.8	
4	0.0	194.0	103.2	219.8	
Sum	2864.0	0.0	-363.0	1128.6	

Maximum concrete compression strain (%): 0.03 Maximum concrete compression stress (psi): 119 Resultant tension force (lb): 2864 Resultant compression force (lb): 2864 Eccentricity of resultant tension forces in x-axis, e'_{Nx} (inch): 0.00 Eccentricity of resultant tension forces in y-axis, e'Ny (inch): 0.00 Eccentricity of resultant shear forces in x-axis, e'vx (inch): 0.00 Eccentricity of resultant shear forces in y-axis, e'vy (inch): 0.00



### 4. Steel Strength of Anchor in Tension (Sec. 17.6.1)

N _{ee} (Ib)	<i>2</i>	::N (lb)
35150	0.75	26363

### 5. Concrete Breakout Strength of Anchor in Tension (Sec. 17.6.2)

Vb = 16.:a\/	″chor ⁵³ (Eq. 17.€	8.2.2.1)						
.: =	r°c (psi)	Ret (in)	N _b (Ib	)				
1.00	2500	10.087	3767	1				
N _{cbg} = :: (A	Ne / Anco) Yes, NY Y	์ตยง จำนา จำนุงฟ	(Sec. 17.5.)	1.2 & Eq. 17.6	.2.1a)			
$N_{cbg} = (A A A A A A A A A A A A A A A A A A $	No / Anco) Ciec, N C Anco (In ² )	eeu Con Con M Conne (In)	(Sec. 17.5.) Kie.N	1.2 & Eq. 17.6	.2.1a) Tev	 No (lb)	ê	Noteg (lb)

### 6. Pullout Strength of Anchor in Tension (Sec. 17.6.3)

$A_{per} = A_{Fa}$	$PN_P = \mathcal{Y}_{C,P} \otimes A_{Dig}f$	"c (Sec. 17.5.1.	2, Eq. 17.6.3.1	& 17.6.3.2.2a)
$\langle c, P \rangle$	A _{dep} (in ² )	f's (psi)	ê	::Np# (lb)
1.0	5.15	2500	0.70	72156

### 8. Steel Strength of Anchor in Shear (Sec. 17.7.1)

$V_{\infty}$ (lb)	f grout	ŕ	figrout: Ves (lb)	
21090	1.0	0.65	13709	

### 9. Concrete Breakout Strength of Anchor in Shear (Sec. 17.7.2) Shear perpendicular to edge in x-direction:

$V_{\rm by} = \min[7($	le / de) ^{0.2} de En 1	Cast ^{1.5} ; 9.5a / cC	eq. 17.7.2 (Eq. 17.7.2	.2.1a & Eq. 17.	7.2.2.1b)			
I. (in)	d= (in)	.i.a	rc (psi)	Car (in)	V _{bx} (Ib)			
8.00	1.000	1.00	2500	15.13	26483			
$C_{cbgx} = C_{cbgx} (A$	lvo/Avoo) €ec,v €	$rd, v \leftarrow c, v \leftarrow h, v V hx$	(Sec. 17.5.1.2 &	Eq. 17.7.2.1b)				
$A_{\mathcal{W}}$ (in ² )	Avos (in²)	ec,V	< est.V	$\sim 0, V$	$\mathbf{D}, \mathcal{V}$	V _{bv} (lb)	ê	∴V _{obgw} (lb)
482.50	1030.13	1.000	0.781	1.000	1.000	26483	0.70	6782

### Shear perpendicular to edge in y-direction:

$V_{by} = min[7($	le / da) ^{0.2} da∷a 1	Cat ^{1.5} ; 9.:a\ Pot	₩ ^{1.5}   (Eq. 17.7.2	.2.1a & Eq. 17.7	7.2.2.1b)	
I _e (in)	d _a (in)	.ia	f'c (psi)	Car (in)	V _{by} (Ib)	
8.00	1.000	1.00	2500	15.13	26483	
$cos_{\rm cbgy} = cos_{\rm cbgy} / c_{\rm cbgy}$	Ave/ Aves) 18ес, v 18	$rd, v \in c, v \in h, v V by$	(Sec. 17.5.1.2 &	Eq. 17.7.2.1b)		
Ave (in ² )	Avea (in ² )	Zec.V	K est.V	$\sim 0, b'$	$\gtrsim 0. \nu$	Vi
482.50	1030.13	1.000	0.781	1.000	1.000	26

$A_{We}$ (in ² )	Avea (in ² )	ec.V	ent/	< a, V	D, V	V _{by} (lb)	ê	:Volgy (lb)
482.50	1030.13	1.000	0.781	1.000	1.000	26483	0.70	6782
Shear para	liel to edge in :	x-direction:						ED FOR CONSTRUCTIO
$V_{by} = \min[7(i$	₀/d₀) ^{0.2} d₀:₀\f	cCet ^{1.5} ; 9.:	Eq. 17.7.2 (Eq. 17.7.2	.2.1a & Eq. 17.7	7.2.2.1b)		Develo	pment Services Department
I. (in)	d _* (in)	.:	f'∈ (psi)	Car (in)	$V_{by}$ (Ib)			ee's Summit, Missouri
8.00	1.000	1.00	2500	6.13	6830			03/14/2024
			/ /Pen 17 E 1 1	17721(0) \$ (	Eq. 17.7.2.1b)			
:Vcbgx = :: (2	)(Avc/Av∞) **ec.\	$V \leq ecl, V \leq c, V \leq b, V V$	W (OBC: 17.0.14	s, m.r.≥. n(c) or i	Eq. 17.7.2.107			
$V_{cbgx} = c(2)$ $A_{Ve}$ (in ² )	/(Avc/Avco) čec.ν Avco (in²)	V Red, V Ro, V Rh, V V Red, V	769 (886. 17.8.1.2 KietV	2, 17.7.2. ηc.) στι 72.7	26.V	V _{by} (lb)	é	∴V _{ebpr} (lb)

### Shear parallel to edge in y-direction:

I _e (in)	d₂ (in)		f'∉ (psi)	Car (in)	V _{bv} (Ib)			
8.00	1.000	1.00	2500	6.13	6830			
V _{cbgy} = :: (2	(Avc/Avco) ****	$\forall \vec{\mathbf{x}} \in \forall \vec{\mathbf{x}}, \forall \vec{\mathbf{x}}, \forall \vec{\mathbf{x}}, \forall \vec{\mathbf{x}}, \forall \mathbf{y}$	/tx (Sec. 17.5.1.2	2, 17.7.2.1(c) &	Eq. 17.7.2.1b)			
Ave (in²)	Avco (in²)	<ul> <li>(mc,∀)</li> </ul>	a set V	$\sim a, V$	6 h. V	V _{bv} (lb)	¢	:?V₀₀gy (lb)
195.49	169.10	1.000	1.000	1.000	1.000	6830	0.70	11054

### 10. Concrete Pryout Strength of Anchor in Shear (Sec. 17.7.3)

$c_{CP} = c_{CP} k$	$_{cp}N_{ab} = \pm k_{ap}(A_{Abc}/$	Anco) Code Can	_{in.M} N₀ (Sec.	17.5.1.2 & Eq.	17.7.3.1a)	
$K_{\alpha\beta}$	A _{Ne} (in ² )	A _{Neo} (in ² )	ect/N		₹ cp.N	N _b (lb)
2.0	113.00	915.67	0.822	1.000	1.000	37671

### 11. Results

### Interaction of Tensile and Shear Forces (Sec. 17.8)

Input data and results must be checked for agreement with the existing circumstances, the standards and guidelines must be checked for plausibility. Simpson Strong-Tie Company Inc. 5956 W. Las Positas Boulevard Pleasanton, CA 94588 Phone: 925.580.9000 Fax: 925.847.3871 www.strongtie.com

Input data and results must be checked for agreement with the existing circumstances, the standards and guidelines must be checked for plausibility. Simpson Strong-Tie Company Inc. 5956 W. Las Positas Boulevard Pleasanton, CA 94588 Phone: 925.560.9000 Fax: 925.847.3871 www.strongtie.com

Page 10 of 11

::V_@ (lb) 5347 0.70

Design # 0637033Ar3
Sheet 18 of 27
Client
#2859 Address
690 NW Blue Pkwy,
Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23 Approval / Date
Client
Sales Estimating
Estimating Art
Engineering Landlord
<b>Revision/Date</b>
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE R2(1/16/24)LL: ADDED STAMPED ENGINEERING
CORRECTION(01/17/2024)AM: REVISED DETAIL SECTION AND ADDED THE WORD G.C. IN FRONT OF REMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4
REMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4 R3(02/26/2024)AM: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEFL AND
R3(0226/2024)AW: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED NOT FOR SIGN D FOR CS TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
14201 Countries Dood #10
National         14201 Sovereign Road #10           Headquarters         Fort Worth, TX 76155           (214)902-2000 Fax(214)902-2044           17319 San Pedro Ave
San Antonio San Antonio, TX 78232 (210)349-3804 Fax (210)349-8724
2301 River Road Ste 201 Northeast US Louisville, KY 40206 (502) 897-9800 Cell (502) 554-2575
Georgia 111 Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
PO BOX 125 206 Doral Drive South Texas Portland, TX 78374 (361) 563-5599 Fax (361) 643-6533
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CONNECTION BY
THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH ARTICLE 500 OF THE
THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING & BONDING OF THE SIGN. SIGN WILL BEAR UL LABEL(S).
On: ab n: n. 0°
Chick-fil:
С

And	hor Designer™	Company:		Date: 1/9/2024
	<u> </u>	Engineer:		Page: 6/6
	ware	Project:		
Versio	on 3.2.2309.2	Address:		
		Phone:		
		E-mail:		
Tension	Factored Load, Nue (lb)	Design Strength, øNn (lb)	Ratio	Status
Steel	1432	26363	0.05	Pass
Concrete breakout	2864	10694	0.27	Pass (Governs)
Pullout	1432	72156	0.02	Pass
Shear	Factored Load, V _{in} (lb)	Design Strength, øV₌ (lb)	Ratio	Status
Steel	345	13709	0.03	Pass
T Concrete breakout x+	388	6782	0.06	Pass
T Concrete breakout y-	569	6782	0.08	Pass
Concrete breakout x-	569	11054	0.05	Pass
Concrete breakout y+	388	11054	0.04	Pass
Concrete breakout, combined	-	-	0.10	Pass (Governs)
Pryout	345	5347	0.06	Pass
		Combined Rat	io Permissible	Status

PAB8 (1"Ø) with hef = 12.000 inch meets the selected design criteria.

### 12. Warnings

- Designer must exercise own judgement to determine if this design is suitable.

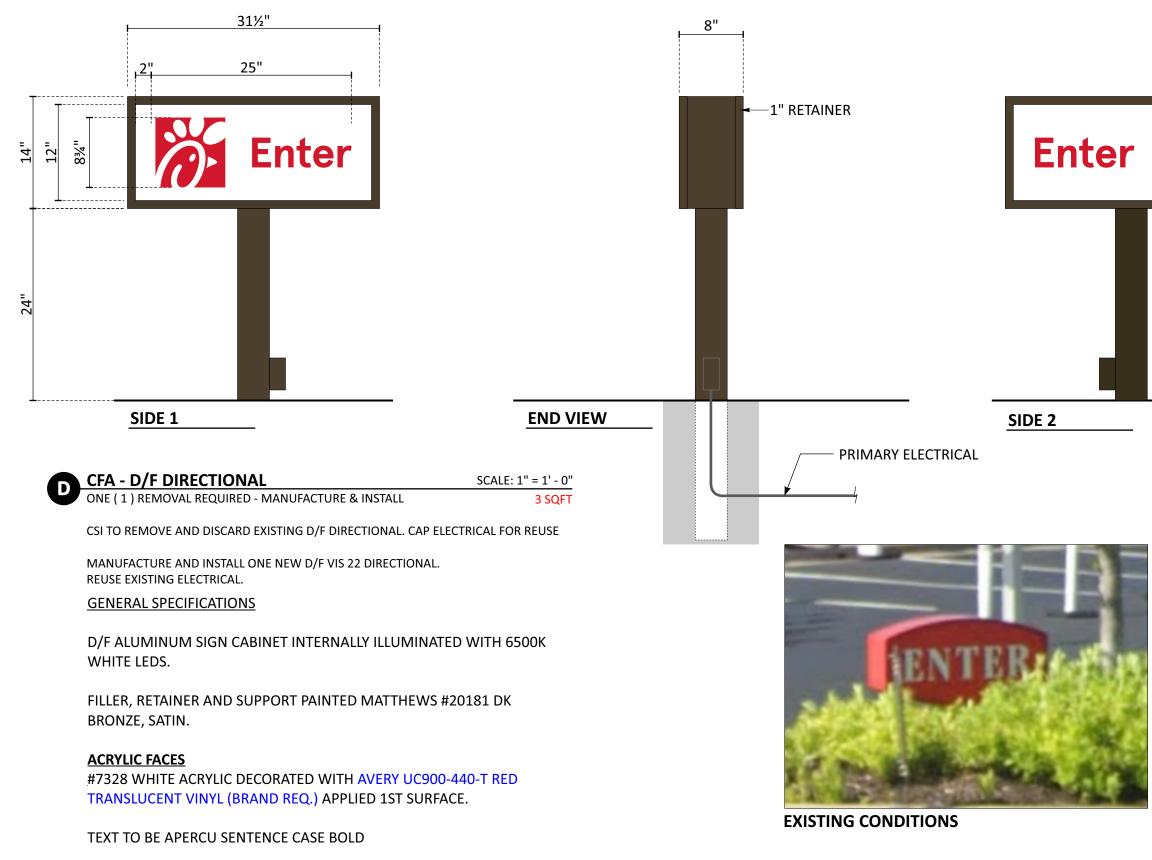
Input data and results must be checked for agreement with the existing circumstances, the standards and guidelines must be checked for plausibility. Simpson Strong-Tie Company Inc. 5956 W. Las Positas Boulevard. Pleasanton, CA 94588. Phone: 925.560.9000. Fax: 925.847.3871. www.strongtie.com

Design #
0637033Ar3 Sheet 19 of 27
Client
#2859
Address
690 NW Blue Pkwy,
Lees Summit, MO
Account KRISTEN HAMILTO Rep. TERRI BROWN
Designer LEAH LANSFOR
<b>Date</b> 9/29/23
Approval / Date
Client Sales
Estimating
Art
Engineering
Landlord Revision/Date
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE
R2(1/16/24)LL: ADDED STAMPED ENGINEERING
CORRECTION(01/17/2024)AM: REVISED DETAIL SECTION AND ADDED THE WORD G.C. IN FRONT OF REMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4
R3(02/26/2024)AM: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED NOT FOR SIGN D FOR CS
FOUNDATION AND ADDED NOT FOR SIGN D FOR CS TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
National 14201 Sovereign Road #10 Fort Worth, TX 76155 (214)902-2000 Fax(214)902-2044
17319 San Pedro Ave Ste 200 San Antonio, TX 78232 (210)349-3804 Fax (210)349-872
2301 River Road Ste 201 Northeast US Louisville, KY 40206 (502) 897-9800 Cell (502) 554-257
Georgia 111 Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
South Texas PO BOX 125 206 Doral Driv Portland, TX 78374 (361) 563-5599 Fax (361) 643-6533
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FINAL ELECTRICAL CONNECTION BY
CUSTOMER
THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH ARTICLE 800 OF THE NACCORDANCE WITH ARTICLE 800 OF THE APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING & BONDING OF THE SIGN SIGN WILL BEAR UL LABEL(S).
PROPER GROUNDING & BONDING OF THE SIGN SIGN WILL BEAR UL LABEL(S).
$O_{2}$
Chick-filz
C

RELEASED FOR CONSTRUCTION As Noted on Plan Review

> Development Services Department Lee's Summit, Missouri

03/14/2024



### STEEL POLE

4" x 4" STEEL SQUARE TUBE SUPPORT

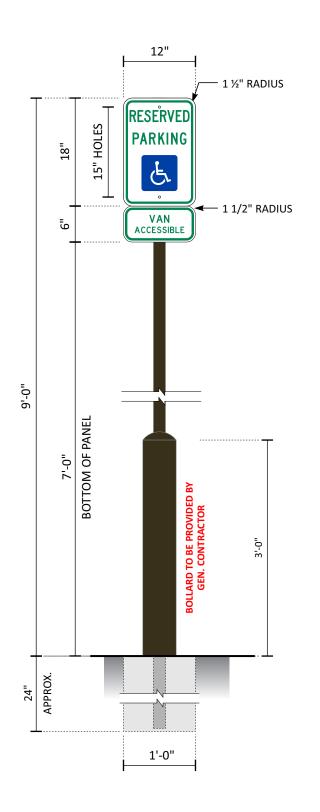




-WARNING LABEL/ BREAKER LOCATION



Design #
0637033Ar3
Sheet 20 of 27
Client #2859
Address
690 NW Blue Pkwy,
Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23
Approval / Date
Client
Sales Estimating
Art
Engineering
Landlord Revision/Date
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE
R2(1/16/24)LL: ADDED STAMPED ENGINEERING CORRECTION(01/17/2024)AM: REVISED DETAIL
CORRECTION(01/17/2024)AM: REVISED DETAIL SECTION AND ADDED THE WORD G.C. IN FRONT OF REMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4
R3(02/26/2024)AM: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED NOT FOR SIGN D FOR CSI
TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
National 14201 Sovereign Road #101 Fort Worth, TX 76155 (214)902-2000 Fax(214)902-2044
17319 San Pedro Ave
(210)349-3804 Fax (210)349-8724
Northeast US Louisville, KY 40206 (502) 897-9800 Cell (502) 554-2575
Georgia 111 Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
South Texas PO BOX 125 206 Doral Drive Portland, TX 78374 (361) 563-5599 Fax (361) 643-6533
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CUSTOMER
THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES SIGN WILL BEAR UL LABEL(S).
PROPER GROUNDING & BONDING OF THE SIGN. SIGN WILL BEAR UL LABEL(S).
**
Chick-fil:
muk greze
D



### **BOLLARD MOUNTED HANDICAP SIGNS**

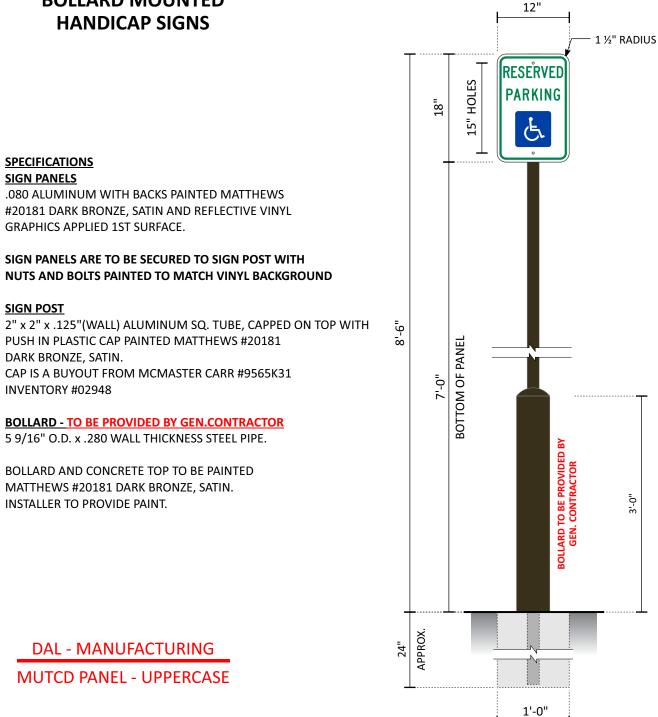
SPECIFICATIONS

SIGN PANELS

SIGN POST

DARK BRONZE, SATIN.

INVENTORY #02948





E1 E2 CFA - S/F HCVA SIGN TWO ( 2 ) REQUIRED - MANUFACTURE AND INSTALL

SCALE: 3/4" = 1'-0"

2 SQ. FT.



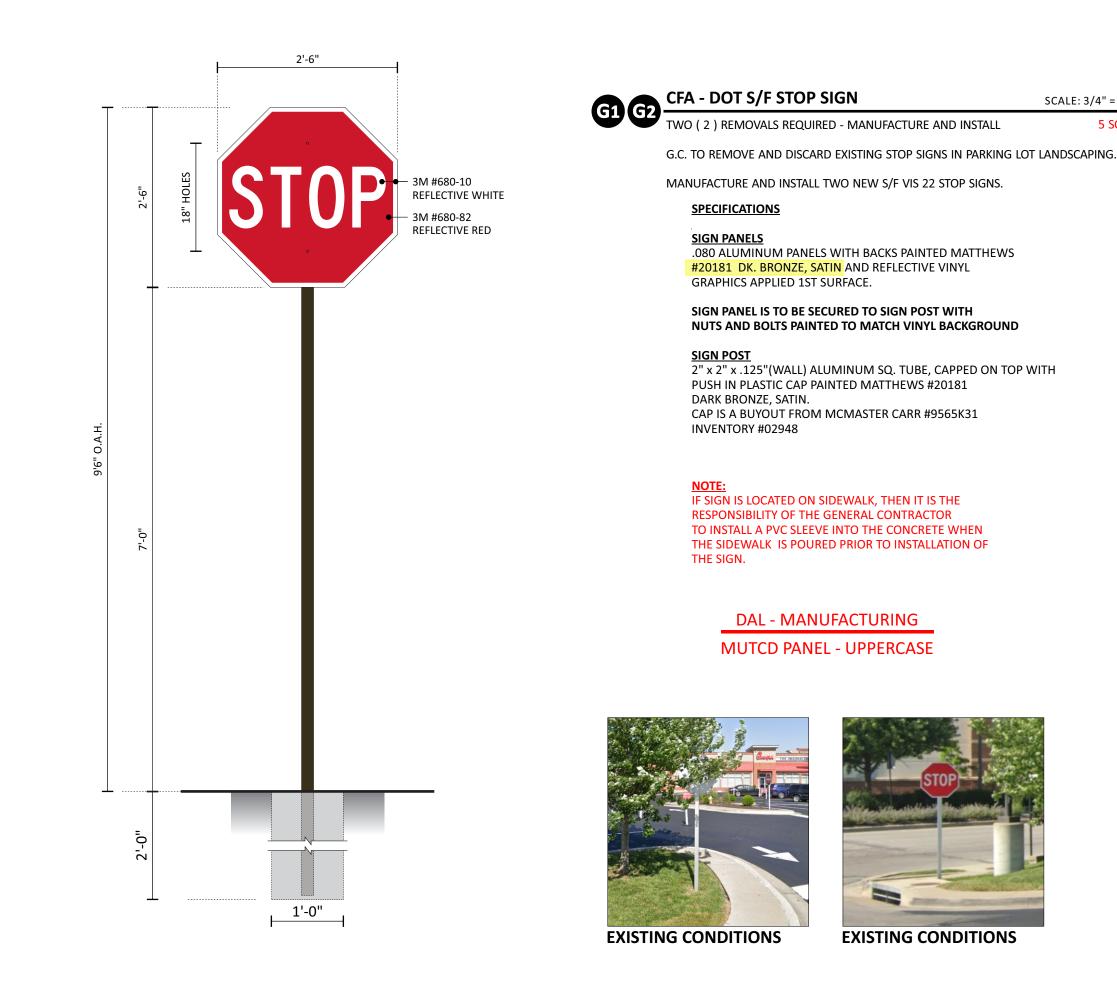
SCALE: 3/4" = 1'-0"

1.5 SQ. FT.



# DFW MANUFACTURING / NEW VIS 2022 MUTCD PANEL

Design # 0637033Ar3
Sheet 21 of 27
Client
#2859 Address
690 NW Blue Pkwy,
Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23 Approval / Date
Client
Sales
Estimating Art
Engineering
Landlord Revision/Date
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE
R2(1/16/24)LL: ADDED STAMPED ENGINEERING CORRECTION(01/17/2024)AM: REVISED DETAIL SECTION AND ADDED THE WORD G.C. IN FRONT OF REMOVALS FOR SIGNS BT4.2, C, D, G1-2 AND H1-4
R3(02/26/2024)AM: UPDATED SP, ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED NOT FOR SIGN D FOR CSI TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
National Headquarters (214)902-2004 17319 San Pedro Ave
San Antonio San Antonio, TX 78232 (210)349-3804 Fax (210)349-8724
2301 River Road Ste 201 Northeast US Louisville, KY 40206 (502) 897-9800 Cell (502) 554-2575
Georgia 111 Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
South Texas PO BOX 125 206 Doral Drive Portland, TX 78374
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FINAL ELECTRICAL CONNECTION BY
CUSTOMER THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH ARTICLE 600 OF THE
THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH ARTICLE 600 OF THE APPLICABLE LOCAL CODE AND/OR OTHER APPLICABLE LOCAL CODE AND/OR OTHER SIGN WILL BEAR UL LABEL(S).
Object 1:0.0
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E1-2, F

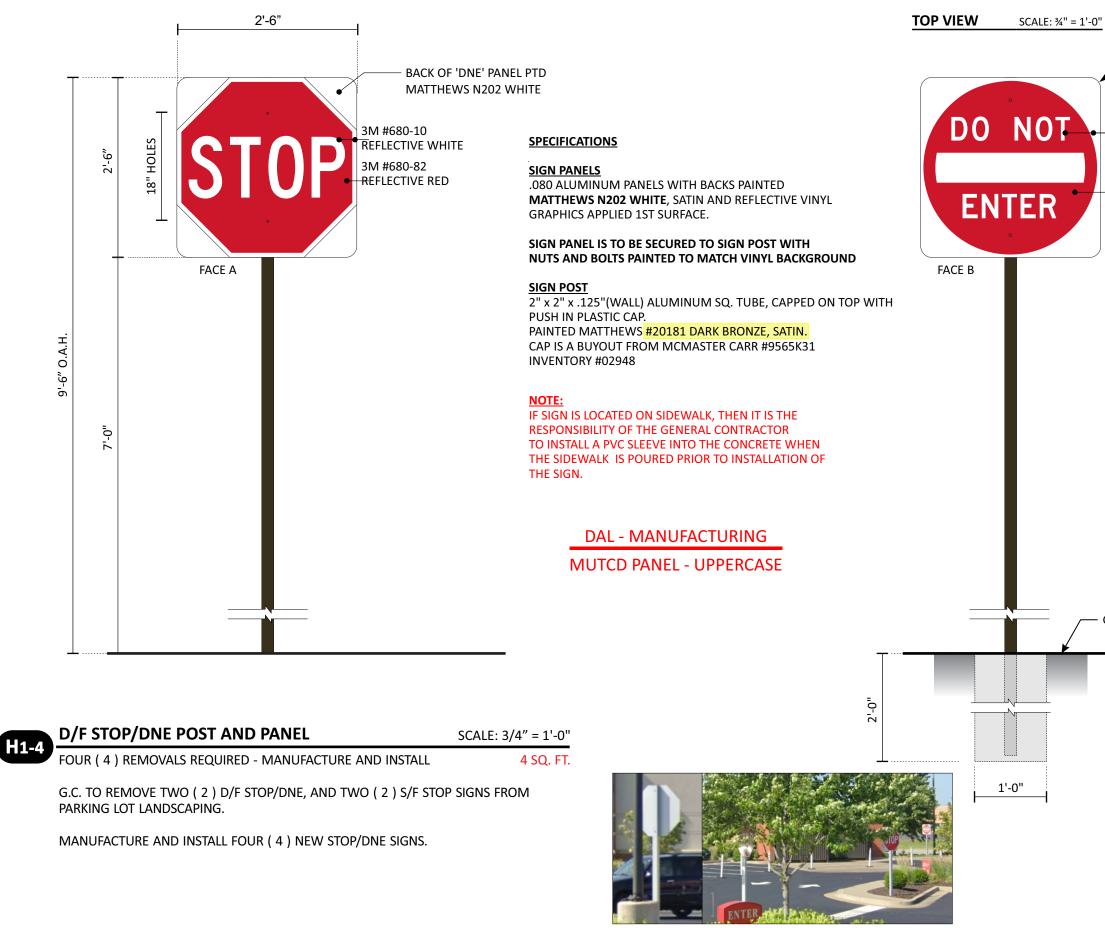


5 SQ. FT.

## **MUTCD PANEL** 2022 / NEW VIS **DFW MANUFACTURING**

**RELEASED FOR CONSTRUCTION** 

D	esign #	
	37033Ar3	
Sheet	22 of 27 Client	
	#2859	
A	ddress	
	IW Blue Pkwy Summit, MO	,
Account Rep.	KRISTEN HA	AMILTON II BROWN
Designer	LEAH LAN	ISFORD
Date		)/29/23
App Client	roval / Date	2
Sales		
Estimating		
Art Engineerir	le	
Landlord		
	NGED SIZE OF PANE	IS ON THE
	D STAMPED ENGINE	
	/2024)AM: REVISED D ED THE WORD G.C. I GNS B1-2, C, D, G1-2	
	PDATED SP, ADDED PROVIDE NEW STEI ADDED NOT FOR SIG ISCARD EXISTING D	
DIRECTIONAL	ISCARD EXISTING D	r
		LER
	IGNS	
National Headquarters	14201 Sovereign Fort Worth, TX 7 (214)902-2000 Fax( 17319 San Pedro	76155 214)902-2044
San Antonio	Ste 200 San Antonio, TX (210)349-3804 Fax (	
Northeast US	2301 River Road Louisville, KY 402 (502) 897-9800 Cell (	Ste 201 206 502) 554-2575
Georgia	(678) 725-8852 Fax (2	30534 210) 349-8724
South Texas	PO BOX 125 206 Portland, TX 783 (361) 563-5599 Fax (	Doral Drive 74 361) 643-6533
This drawn Chan All rights to it	ng is the prope dler Signs, LLC ts use for repro by Chandler S	oduction
FINAL E		
CONN CUS	ECTION E	BY I
THIS SIGN IS IN ACCORDA	INTENDED TO BE INS INCE WITH ARTICLE 60 LECTRICAL CODE AND LOCAL CODES. THIS	TALLED 00 OF THE
PROPER GR	LECTRICAL CODE AND LOCAL CODES. THIS DUNDING & BONDING EAR UL LABEL(S).	VOR OTHER INCLUDES OF THE SIGN.
Chic	k-fil	<u>-</u> &
Ģ	51-2	



**EXISTING CONDITIONS** 

-1½" RADIUS

3M #680-10 REFLECTIVE WHITE

3M #680-82 REFLECTIVE RED

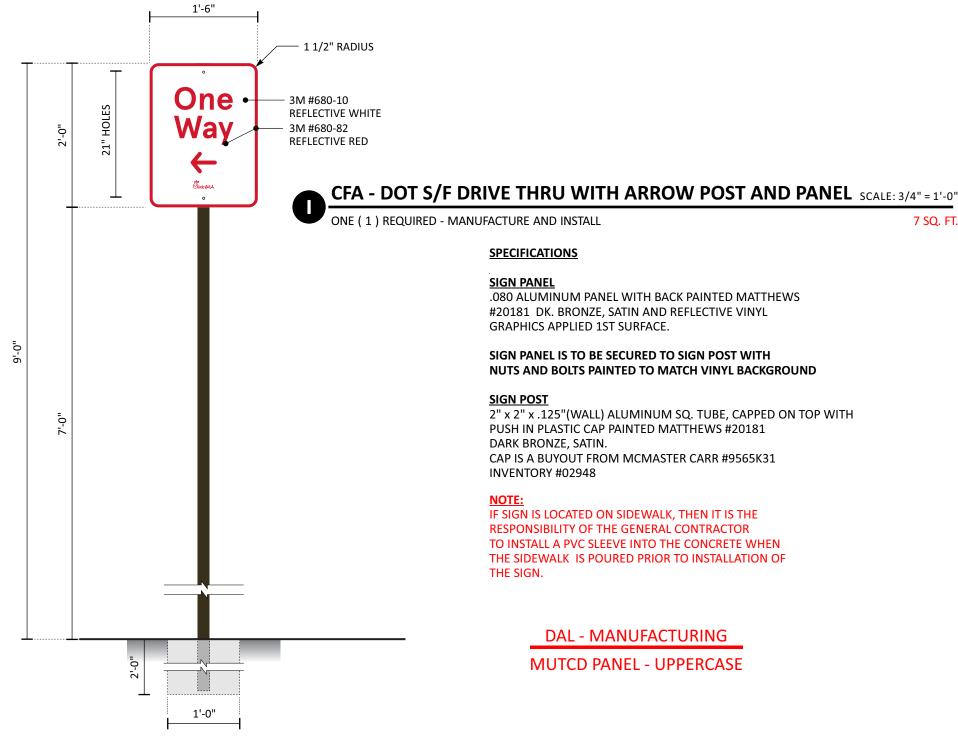
GRADE

## PANEL MUTCD 2022 / NEW VIS **DFW MANUFACTURING**

RELEASED FOR CONSTRUCTION

	esign #
	37033Ar3
	23 of 27 Client
	#2859
A	ddress
	IW Blue Pkwy, Summit, MO
Account Rep.	KRISTEN HAMILTON TERRI BROWN
Designer	LEAH LANSFORD
Date Appr	9/29/23 oval / Date
Client	
Sales	
Estimating Art	
Engineerin	Ig
Landlord	
	NGED SIZE OF PANELS ON THE
	D STAMPED ENGINEERING
CORRECTION(01/17/ SECTION AND ADDE REMOVALS FOR SIG	2024)AM: REVISED DETAIL ED THE WORD G.C. IN FRONT OF SNS B1-2, C, D, G1-2 AND H1-4
	PDATED SP, ADDED NOTE FOR PROVIDE NEW STEEL AND JODED NOT FOR SIGN D FOR CSI ISCARD EXISTING D/F
FOUNDATION AND A TO REMOVE AND DI DIRECTIONAL	DDED NOT FOR SIGN D FOR CSI ISCARD EXISTING D/F
	HANDLER
SI SI	IGNS
National	14201 Sovereign Road #101 Fort Worth TV 76155
Headquarters	17319 San Pedro Ave
San Antonio	Ste 200 San Antonio, TX 78232 (210)349-3804 Fax (210)349-8724
Northeast US	2301 River Road Ste 201 Louisville, KY 40206 (502) 897-9800 Cell (502) 554-2575
Georgia	111 Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349-8724
South Texas	PO BOX 125 206 Doral Drive Portland, TX 78374 (361) 563-5599 Fax (361) 643-6533
This drawir Chan	(361) 563-5599 Fax (361) 643-6533 ng is the property of dler Signs, LLC is use for reproduction
All rights to it are reserved	s use for reproduction by Chandler Signs, LLC
FINAL E	
CUS	TOMER
CUS	TOMER INTENDED TO BE INSTALLED NCE WITH ARTICLE 600 OF THE LECTRICAL CODE AND/OR OTHER
CUS	INTENDED TO BE INSTALLED NOCE WITH ARTICLE 500 OF THE LECTRICAL CODE AND/OR OTHER LOCAL CODES. THIS INCLUDES JUNDING & BONDING OF THE SIGN. EAR UL LABEL(S).
CUS	INTENDED TO BE INSTALLED NCE WITH ARTICLE 600 OF THE ECTRICAL CODE AND/OR OTHER LOCAL CODES. THIS INCLUDES UNUNION & BONDING OF THE SIGN. EAR UL LABEL(S).
THIS SIGN IS IN ACCORDAD APPLICABLE PROPER GRC SIGN WILL BE	
CUS	

### **DAL - MANUFACTURING NEW CFA WAYFINDING PANELS**



7 SQ. FT.

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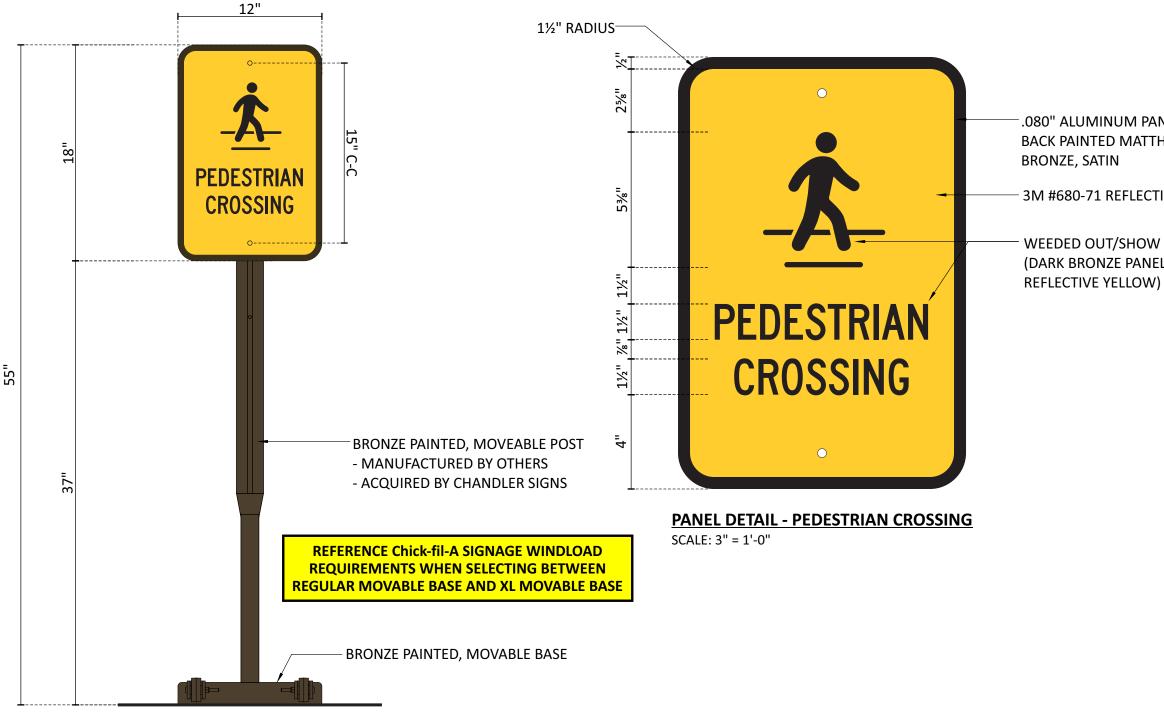
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Ζ

**FW MANUFACTURING** 

### Design # 0637033Ar3 Sheet 24 of 27 Client #2859 Address 690 NW Blue Pkwy, Lees Summit, MO Account KRISTEN HAMILTON Rep. TERRI BROWN Designer LEAH LANSFORD Date 9/29/23 Approval / Date Client Sales Estimating Art Engineering Landlord Revision/Date 1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE TOP/DNE 1/16/24)LL: ADDED STAMPED ENGINEERING ORRECTION(01/17/2024)AM: REVISED DETAIL ECTION AND ADDED THE WORD G.C. IN FRONT ( EMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4 (02/26/2024)AM: UPDATED SP, ADDED NOTE FOR 3N A FOR CSI TO PROVIDE NEW STEEL AND UNDATION AND ADDED NOT FOR SIGN D FOR CSI REMOVE AND DISCARD EXISTING D/F CHANDLER SIGNS National 14201 Sovereign Road Fort Worth, TX 76155 (214)902-2000 Fax(214)902 17319 San Pedro Ave Ste 200 San Antonio, TX 78232 (210)349-3804 Fax (210)349-2301 River Road Ste 201 rtheast US Louisville, KY 40206 (502) 897-9800 Cell (502) 554-257 eorgia Dawsonville, GA 30534 (678) 725-8852 Fax (210) 34 PO BOX 125 206 Doral Dri Portland, TX 78374 ler Signs, LLO All rights to its use for reproductio are reserved by Chandler Signs, LL **FINAL ELECTRICAL CONNECTION BY** CUSTOMER

**RELEASED FOR CONSTRUCTION** 





**SAFETY SIGN - PEDESTRIAN CROSSING** ONE (1) REQUIRED - MANUFACTURE & INSTALL

SCALE: 1-1/2" = 1'-0"

PLEASE NOTE: PORTABLE BASE AND POST PROVIDED BY PATTISON.

.080" ALUMINUM PANEL - FRONT, SIDES AND BACK PAINTED MATTHEWS #20181, DARK

3M #680-71 REFLECTIVE YELLOW VINYL

WEEDED OUT/SHOW THRU GRAPHICS (DARK BRONZE PANEL SHOWS THRU

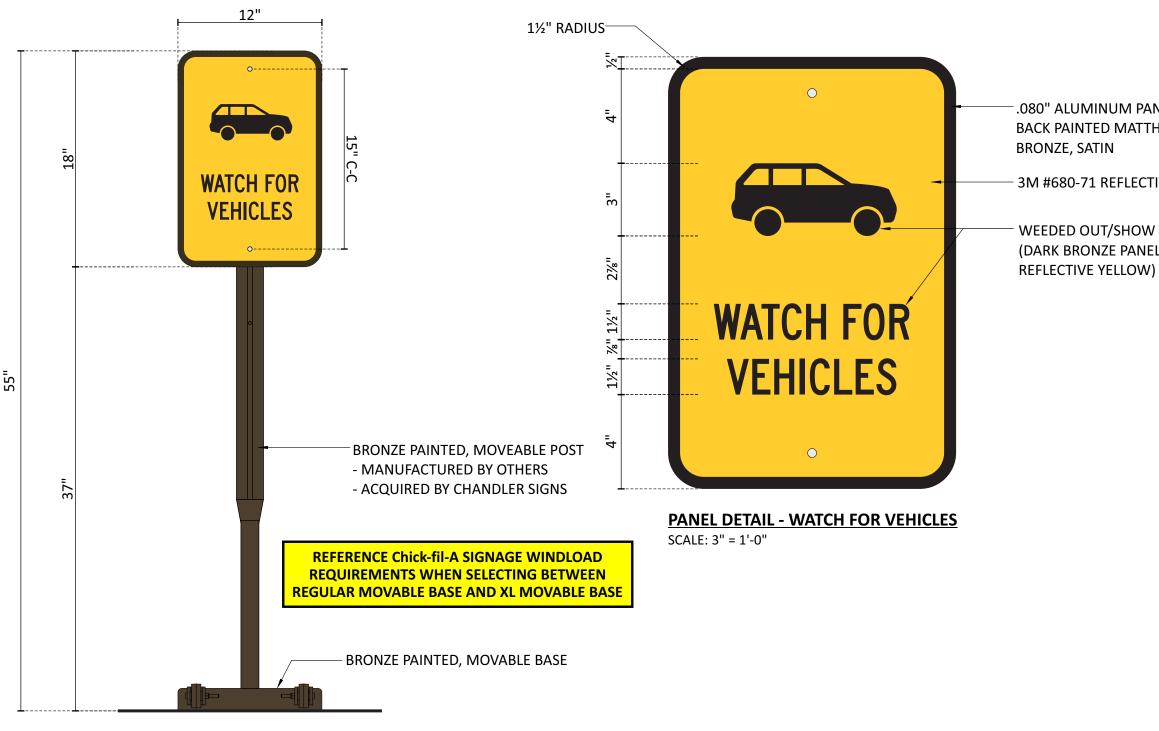
> **RELEASED FOR CONSTRUCTION** As Noted on Plan Review

> > Development Services Departm Lee's Summit, Missouri

03/14/2024

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De	esign #	
	25 of 27	
	Client	
	#2859 ddress	
	W Blue Pkwy, Summit, MO	
Account	KRISTEN HAMIL	
Rep. Designer		
Date Appr	9/29 oval / Date	/23
Client		
Sales Estimating		
Art Engineerin	g	
Landlord	ion/Date	
R1(12-22-23)LL: CHAN STOP/DNE	NGED SIZE OF PANELS ON	THE
	) Stamped Engineering 2024)am: Revised Detail D The Word G.C. In From NS B1-2, C, D, G1-2 and H	
R3(02/26/2024)AM: UF SIGN A FOR CSI TO F FOUNDATION AND A	PDATED SP, ADDED NOTE F PROVIDE NEW STEEL AND DDED NOT FOR SIGN D FC	
TO REMOVE AND DIS DIRECTIONAL	SCARD EXISTING D/F	
	HANDLE GNS	R
National	14201 Sovereign Road	#101
Headquarters San Antonio	Fort Worth, TX 76155 (214)902-2000 Fax(214)902 17319 San Pedro Ave Ste 200	
Northeast US	San Antonio, TX 78232 (210)349-3804 Fax (210)34 2301 River Road Ste 20 Louisville, KY 40206	1
Georgia	Louisville, KY 40206 (502) 897-9800 Cell (502) 55- 111 Woodstone Place Dawsonville, GA 30534 (678) 725-8852 Fax (210) 349	
South Texas	PO BOX 125 206 Doral Portland, TX 78374 (361) 563-5599 Fax (361) 643	
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FINAL E	LECTRICAL	LLC
	ECTION BY TOMER INTENDED TO BE INSTALLED	
IN ACCORDAN NATIONAL EL APPLICABLE PROPER GRO	NCE WITH ARTICLE 600 OF TH ECTRICAL CODE AND/OR OT LOCAL CODES. THIS INCLUE FUNDING & BONDING OF THE	ie Her Des Sign.
	AR UL LABEL(S).	
Chic	k-fil-S	® <
		-
	5	





**SAFETY SIGN - WATCH FOR VEHICLES** ONE (1) REQUIRED - MANUFACTURE & INSTALL

SCALE: 1-1/2" = 1'-0"

PLEASE NOTE: PORTABLE BASE AND POST PROVIDED BY PATTISON.

### .080" ALUMINUM PANEL - FRONT, SIDES AND BACK PAINTED MATTHEWS #20181, DARK

3M #680-71 REFLECTIVE YELLOW VINYL

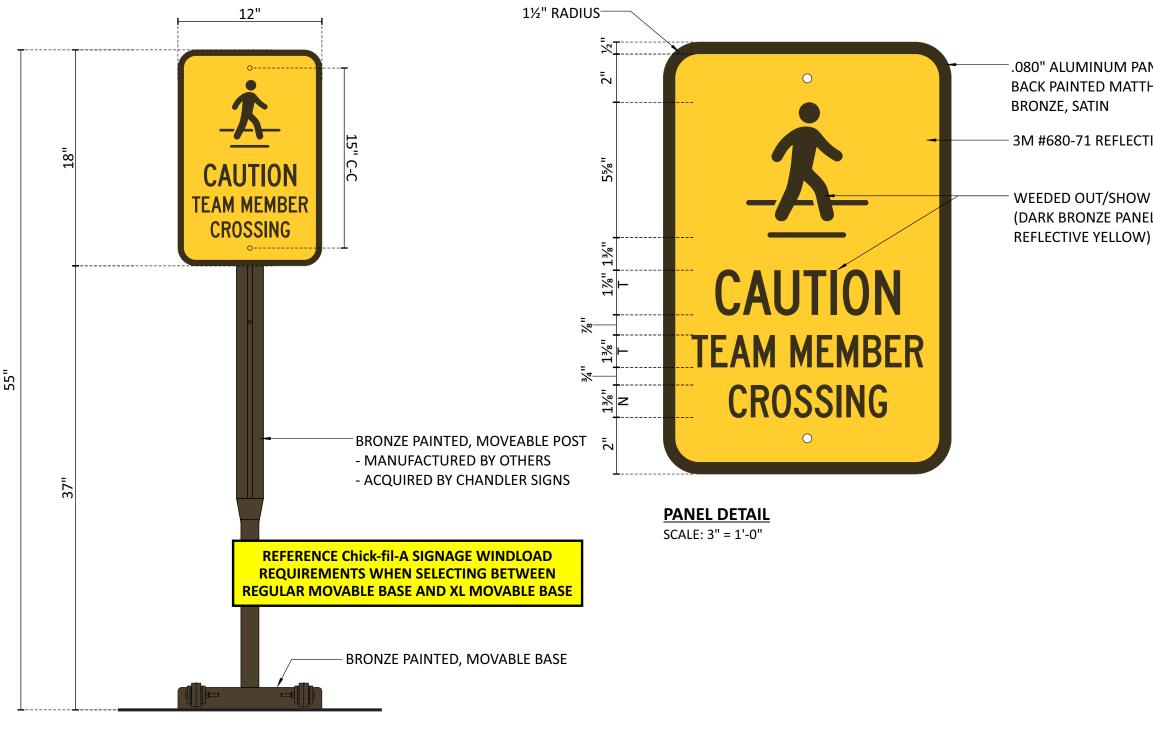
WEEDED OUT/SHOW THRU GRAPHICS (DARK BRONZE PANEL SHOWS THRU

RELEASED FOR CONSTRUCTION As Noted on Plan Review

elonment Services Departme Lee's Summit, Missouri 03/14/2024

D	esign #	
	37033Ar3	
	26 of 27 Client	
	#2859	
A	laaneoo	
	IW Blue Pkwy, Summit, MO	,
Account Rep.	KRISTEN HA TERR	MILTON I BROWN
Designer	LEAH LAN	
Date Appr		/29/23
Client		
Sales Estimating	!	
Art		
Engineerin Landlord	lg	
Revis	NGED SIZE OF PANE	IS ON THE
	D STAMPED ENGINE	
CORRECTION(01/17/ SECTION AND ADDE REMOVALS FOR SIG	/2024)AM: REVISED D ED THE WORD G.C. II GNS B1-2, C, D, G1-2	ETAIL N FRONT OF AND H1-4
	PDATED SP, ADDED I PROVIDE NEW STEE ADDED NOT FOR SIG ISCARD EXISTING D/	
TO REMOVE AND D DIRECTIONAL	ISCARD EXISTING D/	F
	HAND	IFR
	IGNS	
National Headquarters	14201 Sovereign Fort Worth, TX 7 (214)902-2000 Fax(2	Road #101 6155
San Antonio	17319 San Pedro Ste 200	Ave
	San Antonio, TX (210)349-3804 Fax ( 2301 River Road	Ste 201
Northeast US	(502) 897-9800 Cell (	Place
Georgia	Dawsonville, GA (678) 725-8852 Fax (2 PO BOX 125 206	30534 10) 349-8724
South Texas This drawi	Portland, TX 783 (361) 563-5599 Fax (3 ng is the prope dler Signs, LLC	74
All rights to h	dler Signs, LLC ts use for repro by Chandler Si	Jauction
FINAL E	LECTRIC	
CUS	TOMER	
	INTENDED TO BE INST INCE WITH ARTICLE 60 LECTRICAL CODE AND E LOCAL CODES. THIS OUNDING & BONDING O	ALLED 0 OF THE /OR OTHER INCLUDES
PROPER GRO	OUNDING & BONDING ( EAR UL LABEL(S).	OF THE SIGN.
Chic	k-fil	Ł
	К	

DFW MANUFACTURING / NEW VIS 2022 MUTCD PANEL





PLEASE NOTE: PORTABLE BASE AND POST PROVIDED BY PATTISON.

.080" ALUMINUM PANEL - FRONT, SIDES AND BACK PAINTED MATTHEWS #20181, DARK

3M #680-71 REFLECTIVE YELLOW VINYL

WEEDED OUT/SHOW THRU GRAPHICS (DARK BRONZE PANEL SHOWS THRU

RELEASED FOR CONSTRUCTION As Noted on Plan Review

**Development Services Department** Lee's Summit, Missouri

03/14/2024

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<b>NUFACTURING / NE</b>
MANUFACTURING / NE
DFW MANUFACTURING / NE

Design # 0637033Ar3
0637033Ar3
Sheet 27 of 27
Client
#2859
Address
690 NW Blue Pkwy, Lees Summit, MO
Account KRISTEN HAMILTON Rep. TERRI BROWN
Designer LEAH LANSFORD
Date 9/29/23
Approval / Date
Client Sales
Estimating
Art
Engineering
Landlord Revision/Date
R1(12-22-23)LL: CHANGED SIZE OF PANELS ON THE STOP/DNE
R2(1/16/24)LL: ADDED STAMPED ENGINEERING
CORRECTION(01/17/2024)AM: REVISED DETAIL SECTION AND ADDED THE WORD G.C. IN FRONT OF REMOVALS FOR SIGNS B1-2, C, D, G1-2 AND H1-4
R3(02/28/02/4MH: UPDATED SP ADDED NOTE FOR SIGN A FOR CSI TO PROVIDE NEW STEEL AND FOUNDATION AND ADDED DOT FOR SIGN D FOR CSI TO REMOVE AND DISCARD EXISTING DIF
TO REMOVE AND DISCARD EXISTING D/F DIRECTIONAL
SIGNS National 14201 Sovereign Road #100 Headquarters [214]902 2000 Fax[214]902 2000
National Headquarters San Antonio San Anto
National Headquarters         14201 Sovereign Road #100 Fort Worth, Y76155 (214)902 2000 Fat(214)902 2004           San Antonio         17319 San Pedro Ave Ste 200 (219)949 304 Fax (210)949-8724           San Antonio         San Antonio, TX 78232 (210)949-804 Fax (210)949-8724           Northeast US         2301 River Road Ste 201 (502) 997-9800 Cell (502) 554-2575
National Headquarters         14201 Sovereign Road #100 Fort Worth, X76155 [214]902.2000 Fax[214]902.2004           17319 San Pedro Ave Sea Antonio, TX 78232 [210]349.3004 Fax [210]349-8724           2301 River Road Ste 201 Louisville, KY 40206 [503] 879400 cell [502] 554-2575           Georgia         111 Woodstone Place Dawsorville, CA 30534 (678) 75-8852 Fax [210] 349-8724
National Headquarters         14201 Sovereign Road #100 Fort Worth, Y76155 (214)902 2000 Fat(214)902 2004           San Antonio         T319 San Pedro Ave Ste 200           San Antonio         Ste 200           Vortheast US         2010 Herr Road Ste 201           Northeast US         2010 Herr Road Ste 201           Georgia         111 Woodstone Place Dawscowille, GA 30534 (278) 728 728 fat (210) 349 8724           South Texas         PO BOK 125 206 Doral Drive Portand, TX 5235 Fat (210) 349 8724
SIGNS           National Headquarters         14201 Sovereign Road #101 Fort Worth, Y76155 (214)902 2000 Fax(214)902 2004           3an Antonio         TX719 San Pedro Ave Sea Antonio, TX 78232 (201394 3904 Fax (21013)459724           Northeast US         2301 River Road Ste 201 (201394 3904 Call (2013)459724           Northeast US         2301 River Road Ste 201 (201394 3904 Call (2013)459724           Georgia         111 Woodstone Place Dawscowille, GA 30534 (631) 353599 Fax (201) 3943724           South Texas         PO BOX 125 Cab Oral Drive Chandler Signs, LLC           All rights to its use for reproduction
SIGNS           National Headquarters         14201 Sovereign Road #100 Fort Worth, YT 6155 (214)902 2000 Fat(214)902 2004           San Antonio, TX 76155 (219)902 2000 Fat(214)902 2004         17319 San Pedro Ave Ste 200 San Antonio, TX 78232 (201949 3004 Fat(210)1949-8724           Northeast US         Solitiker Road Ste 201 Solitiker, KY 40206 (502) 987-9800 Cell (502) 554-2575           Georgia         111 Woodstone Place Dawscowille, GA 30534 (78) 725-8859 Fat(81) 645-6533           South Texas         PO BOX US 220 Obroal Drive Portland, TX 78374 (81) 983-597 Fat(81) 645-6533           This drawing is the property of Chandler Signs, LLC         All rights to its use for reproduction are reserved by Chandler Signs, LLC
National Headquarters       14201 Sovereign Road #100. Fort Worth, 1X 75155 (214)900.2000 Fax(214)902.2004         7319 San Pedro Ave Sea Antonio       582 200. Sim Antionio, 1X 7822. (219)964-3804 Fax (210)349-8724         Northeast US       2301 River Road Ste 201. Louisville, CV 40206         Northeast US       Louisville, V4 40206         Georgia       Dawsonville, GA 30534 (597) 25-8857 fax (210) 349-8724         South Texas       POT BOX 125 206 Doral Drive Portand, 1X 78374         This drawing is the property of Chandler Signs, LLC       All rights to Its use for reproduction are reserved by Chandler Signs, LLC         FINAL ELECCTRICAL CONNECCTION BY       Final Electrical Ander Signs, LLC
National Headquarters         14201 Sovereign Road #10. Fort Worth, 1X 76155 (214902-2006 Faq(214902-2044           San Antonio         17319 San Pedro Ave See 200 San Antonio, IX 78232 (219394 3006 fax (210)49-8724           Northeast US Louisville, KY 40206 (502) 897-880 Cell (502) 554-2575           Georgia         111 Woodstone Place Daw Sorville, GA 32034 (201) 52-880 Fax (210) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (201) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (301) 494-8533           This drawing is the property of Chandler Signs, LLC         All rights to its use for reproduction are reserved by Chandler Signs, LLC           FINAL ELECTRICAL CONNECTION BY CUSTOMER         CUSTOMER
National Headquarters         14201 Sovereign Road #10. Fort Worth, 1X 76155 (214902-2006 Faq(214902-2044           San Antonio         17319 San Pedro Ave See 200 San Antonio, IX 78232 (219394 3006 fax (210)49-8724           Northeast US Louisville, KY 40206 (502) 897-880 Cell (502) 554-2575           Georgia         111 Woodstone Place Daw Sorville, GA 32034 (201) 52-880 Fax (210) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (201) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (301) 494-8533           This drawing is the property of Chandler Signs, LLC         All rights to its use for reproduction are reserved by Chandler Signs, LLC           FINAL ELECTRICAL CONNECTION BY CUSTOMER         CUSTOMER
National Headquarters       14201 Sovereign Road #100. Fort Worth, 1X 75155 (214)900.2000 Fax(214)902.2004         7319 San Pedro Ave Sea Antonio       582 200. Sim Antionio, 1X 7822. (219)964-3804 Fax (210)349-8724         Northeast US       2301 River Road Ste 201. Louisville, CV 40206         Northeast US       Louisville, V4 40206         Georgia       Dawsonville, GA 30534 (597) 25-8857 fax (210) 349-8724         South Texas       POT BOX 125 206 Doral Drive Portand, 1X 78374         This drawing is the property of Chandler Signs, LLC       All rights to Its use for reproduction are reserved by Chandler Signs, LLC         FINAL ELECCTRICAL CONNECCTION BY       Final Electrical Ander Signs, LLC
National Headquarters         14201 Sovereign Road #10. Fort Worth, 1X 76155 (214902-2006 Faq(214902-2044           San Antonio         17319 San Pedro Ave See 200 San Antonio, IX 78232 (219394 3006 fax (210)49-8724           Northeast US Louisville, KY 40206 (502) 897-880 Cell (502) 554-2575           Georgia         111 Woodstone Place Daw Sorville, GA 32034 (201) 52-880 Fax (210) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (201) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (301) 494-8533           This drawing is the property of Chandler Signs, LLC         All rights to its use for reproduction are reserved by Chandler Signs, LLC           FINAL ELECTRICAL CONNECTION BY CUSTOMER         CUSTOMER
National Headquarters       14201 Sovereign Road #100.         Yall Sovereign Road #100.       17319 San Pedro Ave Sea Antonio         San Antonio       17319 San Pedro Ave Sea Comio Trazza (21)949-3804 Fax (210)949-8724         Mortheast US       2001 River Road Ste 201.         Status Revealed Road Ste 201.       2001 River Road Ste 201.         Status Revealed Road Ste 201.       2001 River Road Ste 201.         Status Revealed Road Ste 201.       2001 River Road Ste 201.         Status Revealed Road Ste 201.       2001 River Road Ste 201.         This drawing Revealed Road Road Ste 201.       201 River Road Ste 201.         Mitights to Its use for reproduction River Road Ste 201.       201 River Road Ste 201.         Mitights to Its use for reproduction River Road Ste 201.       201 River Road Ste 201.         Mitights to Its use for reproduction Price Road Road Road Road Road Road Road Road
National Headquarters         14201 Sovereign Road #10. Fort Worth, 1X 76155 (214902-2006 Faq(214902-2044           San Antonio         17319 San Pedro Ave See 200 San Antonio, IX 78232 (219394 3006 fax (210)49-8724           Northeast US Louisville, KY 40206 (502) 897-880 Cell (502) 554-2575           Georgia         111 Woodstone Place Daw Sorville, GA 32034 (201) 52-880 Fax (210) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (201) 49-8724           South Texas         PO BOX 125 206 Donal Drive Portland, TX 78374 (201) 5359 Fax (301) 494-8533           This drawing is the property of Chandler Signs, LLC         All rights to its use for reproduction are reserved by Chandler Signs, LLC           FINAL ELECTRICAL CONNECTION BY CUSTOMER         CUSTOMER