

Memorandum Department of Planning

To: Planning and Public Works Committee

From: Shilpi Bharti, Planner

Date: September 21, 2023



RE: <u>Chesterfield Commons Six, Lot 3 (ASDSP)</u>: A Third Amended Site Development Section Plan, Amended Landscape Plan, Lighting Plan and Amended Architectural Elevations for a 1.28 acre tract of land zoned "C-8" Planned Commercial District located on the north side of Chesterfield Airport Road and west of Boone's Crossing.

Summary

CPH, LLC has submitted an Amended Site Development Section Plan, Amended Landscape Plan, Lighting Plan, and Amended Architectural Elevations for an existing

fast-food restaurant, Chick-fil-A, located at 17365 Chesterfield Airport Road.

Proposed Development includes:

- Expanding the drive-thru lane on the west
- Removing of some parking spaces
- Parking reduction request
- Relocating existing order canopy to west
- New canopy proposed on the east
- Amended Landscape Plan
- Lighting Plan



Figure 1: Subject Site Aerial

The petition was reviewed by the Planning Commission on August 14, 2023. At that time, the Commission recommended approval of the request as submitted by a vote of 4-2, along with a recommendation of Power of Review by City Council. The City Council has called for Power of Review under Section 405.02.200 of the City Code.

The project was reviewed by Planning and Public Works on August 24, 2023. At that time the Committee postponed to vote on the project, and the applicant was asked to work on the Site Plan to increase the parking spaces on site. Since then, the applicant has revised the Site Plan. The updated site plan now removes 11 parking spaces from

the site instead of 14 parking spaces. Additionally, the applicant is now requesting parking reduction request for 40.84%, previously the request was for 45%. The revised Site Plan and Parking reduction request are attached with this packet.

Attachments: August 14, 2023 Planning Commission Staff Report Revised Amended Site Development Section Plan Revised Parking Reduction request Landscape Plan Lighting Plan



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760 Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

Planning Commission Staff Report

Project type: Amended Site Development Section Plan

Meeting Date: August 14, 2023

From: Shilpi Bharti, Planner 🥍

Location: 17365 Chesterfield Airport Road.

Description:Chesterfield Commons Six, Lot 3 (ASDSP): A Third Amended Site Development Section
Plan, Amended Landscape Plan, Lighting Plan and Amended Architectural Elevations for a
1.28 acre tract of land zoned "C-8" Planned Commercial District located on the north side
of Chesterfield Airport Road and west of Boone's Crossing.

PROPOSAL SUMMARY

CPH, LLC has submitted an Amended Site Development Section Plan, Amended Landscape Plan, Lighting

Plan, and Amended Architectural Elevations for an existing fast-food restaurant Chick-fil-A located at 17365 Chesterfield Airport Road.

Proposed Development includes:

- Expanding of Drive-thru Lane
- Removing 14 parking spaces
- Parking reduction request
- Relocating existing order canopy
- New canopy proposed on the east
- Amended Landscape Plan
- Lighting Plan



Figure 1: Subject Location

HISTORY OF SUBJECT SITE

The subject site is in the Chesterfield Commons Six subdivision. The subdivision is a 19.1-acre tract of land located north of Chesterfield Airport Road. The site was rezoned from "NU- Non-Urban District" to "C-8" Planned Commercial District" by St. Louis County in 1988 following the Ordinance 13,933. In 2004, the Ordinance was amended to allow drive-through restaurants on the outparcels along Chesterfield

Airport Road and an increase in the height of the light standards following the ordinance 2096. A Site Development Section Plan for Lot 3 was approved in 2006. A small amendment was submitted to the City which was approved in 2007 to make minor changes to the drive-thru lanes. In 2013, Amended Site Development Section Plan was approved to allow a 477 square foot addition, removal of outdoor seating area and addition of a dual drive-thru lane. An 8% of parking reduction was also approved with the second Amended Site Development Section Plan.

SURROUNDING LAND USE AND ZONING

The subject site is zoned C8 - Planned Commercial. Property on north is zoned PI–Planned Industrial. Properties on west and south are zoned PC-Planned Commercial. Property east of the subject site is zoned C8 -Planned Commercial.



Figure 2: Zoning Map

STAFF ANALYSIS

The existing site experiences undesirable congestion issues. Currently, the drive-thru customers for Chick-fil-A extends beyond the property line queueing onto Arnage Rd. (private street). In order to accommodate all the drive-thru customers inside the site and prevent conflicts between the drive-thru customers and customers seeking to park in the lot, the restaurant is expanding their existing two-lane drive-thru lane and eliminating 14 of the existing parking spaces from the site plan. The existing menu board and canopy on the south are proposed to be relocated to the east of the property.



Figure 3: Aerial of Site

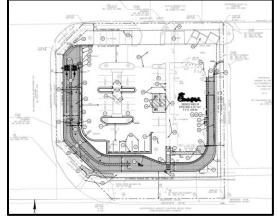


Figure 4: Amended Site Plan

Elevations

Applicant is amending the East Elevation to include a new canopy to service the drive thru. The existing canopy and menu board along Chesterfield Airport Road are proposed to be relocated to west side of the subject site.



Figure 5:East side Elevation

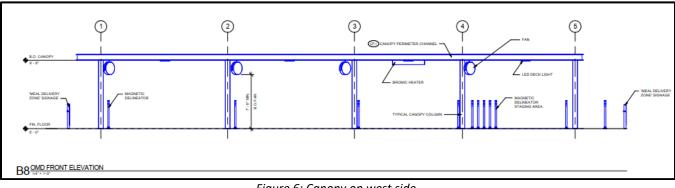


Figure 6: Canopy on west side

Parking

As per City of Chesterfield Unified Development Code, minimum parking requirement for fast food restaurant is 15/1000 GFA. The minimum parking required for the existing 4,741 sq. ft. Chick-fil-A restaurant is 71 parking spaces. The site has previously been approved for a parking reduction. As the proposal further reduces parking on the site, an additional parking reduction is required. Parking reductions in excess of 20% require Planning Commission approval.

There is a shared parking agreement between Amini's and Outparcels 1, 2, 3 and 4. As per parking agreement, the outlots are permitted to utilize 21 shared parking spaces within the southern portion of the Amini's parking area. It should be noted that while Chick-fil-A (or any of the other outlots) has rights to share this parking, the parking cannot be used to satisfy the minimum parking requirements as they are not restricted as required by the UDC for that purpose. As a result, the proposal results in a 45% parking reduction being requested. The changes to the site will positively impact conflicts within the site and allows for better utilization of the parking spaces that will remain as there will be adequate room for drive thru queueing and entering/existing parking spaces. The attached parking reduction request notes that the, "dual drive-thru has been shown on average to decrease the number of dine in customers by 13%, decrease the number of carry out customers by 7%, and increase the number of drive-thru customers by 20%." While generally supportive of increasing the efficiency of the site, Staff would note concerns with further increasing volume to the drive-thru will further the congestion issues on Arnage Rd. and negatively impact adjacent properties.

In reviewing the parking demand study for the parking reduction, the UDC includes the following design features and review criteria.

- 1) The parking demand study provides sufficient number and types of spaces to serve the uses identified on the site.
- 2) Adequate provisions are made for the safety of all parking facility users, including motorists, bicyclists and pedestrians.
- 3) Sites are designed to minimize or alleviate traffic problems.
- 4) Parking spaces are located near the uses they are intended to serve and shall provide safe and convenient access for pedestrian access to the facility.
- 5) Adequate on-site parking is provided during each phase of development of the district.
- 6) The development provides opportunities for shared parking or for other reductions in trip generation through the adoption of transportation demand management (TDM) techniques to reduce trip generation, such as car pools, van pools, bicycles, employer transit subsidies, compressed work hours, and high-occupancy vehicle (HOV) parking preference.
- 7) Reductions in the number of parking spaces should be related to significant factors such as, but not limited to:
 - a) Shared parking opportunities;
 - b) Hours of operation;
 - c) The availability and incorporation of transit services and facilities;
 - d) Opportunities for reduced trip generation through pedestrian circulation between mixed uses;
 - e) Off-site traffic mitigation measures;

- f) Recognized variations in standards due to the scale of the facilities;
- g) Parking demand for a specified use; and
- h) The provisions of accessible parking spaces beyond those required per the UDC.

In particular, Staff would note concerns with satisfying requirement 3. to alleviate traffic congestion.

Lighting

The site is updating the lighting fixture on existing light poles and proposing three new light poles on east, west and south. Applicant is also proposing a canopy light with maximum of 33.7fc. As per City of Chesterfield Unified development code, canopies light shall be adequate to facilitate the activities taking place as well as to provide a safe, secure environment.

Landscaping

The Amended Landscape plan replace/relocate Six (6) existing trees, and include groundcovers and shrubs.

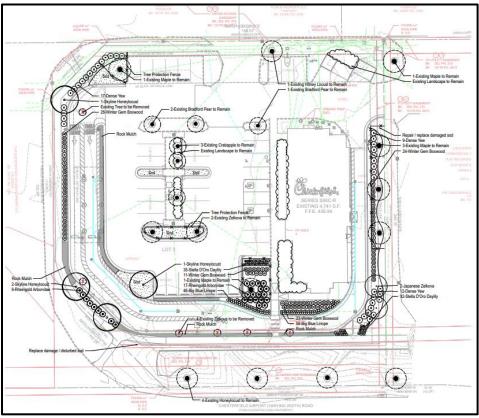


Figure 7: Proposed Landscaping

DEPARTMENTAL INPUT

Staff has reviewed this proposed development and found it to be in compliance with the City's Unified Development Code and site-specific ordinances, with the exception of the minimum parking requirement.

All outstanding comments have been addressed at this time. Staff recommends Planning Commission to take action on the Amended Site Development Plan, Parking reduction request, Amended Landscape Plan, and Lighting Plan.

MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

- 1) "I move to approve (or deny) the Amended Site Development Section Plan, Amended Landscape Plan, Lighting Plan, Parking reduction, and Amended Architectural Elevations for Chesterfield Commons Six, Lot 3 as presented."
- "I move to approve the Amended Site Development Section Plan, Amended Landscape Plan, Lighting Plan, Parking reduction, and Amended Architectural Elevations for Chesterfield Commons Six, Lot 3 with the following conditions..." (Conditions may be added, eliminated, altered or modified)

Attachments: Amended Site Development Section Plan Packet Parking Reduction Request



500 West Fulton Street Sanford, FL 32771 Phone: 407.322.6841 Fax: 407.330.0639

September 8, 2023

Parking Study For:

Chick-Fil-A; Store #1976 17365 Chesterfield Airport Road Chesterfield, MO 63005-1414

Chick-fil-A is planning to remodel the interior of their existing restaurant located at 17365 Chesterfield Airport Road in the City of Chesterfield. In conjunction with interior remodeling, Chick-fil-A plans to reconfigure the parking lot and drive aisle areas to significantly lengthen the second drive-thru lane as well as relocate the drive thru lane order point canopy in order to relieve traffic congestion during peak demand. As the site exists currently, the drive-thru layout does not adequately handle the current drive-thru customer volume, due to a short dual lane drive-thru configuration. The drive-thru lane currently backs up into the parking lot which negatively impacts both the drive-thru and dine in customers as parking spots are not accessible without waiting in line.

The proposed drive-thru improvements will have a positive impact on the site by allowing additional vehicle queuing, by increasing the speed at which customers can place their orders, and by reducing the percentage of carry out and dine in customers. The change will keep drive-thru traffic from backing up into the parking lot and increase the overall efficiency of drive-thru operations.

The proposed drive thru improvements require that the existing parking lot be reconfigured and will reduce available onsite parking from 53 to 42. Chick-fil-A has a cross parking agreement with the neighboring Amini's site which allows for the use of 21 parking spaces. The City of Chesterfield recognizes the use of twenty (21) of these spaces to satisfy the Chick-fil-A parking count. Therefore, with the additional offsite parking that the City recognizes, the proposed improvements will result in a total available parking count of 63 spaces to offer its customers for use at their restaurant.

Per Section 405.04.040 of the current City of Chesterfield Ordinance, parking spaces are to be provided at 15 spaces per 1,000 square feet of building area for the "Restaurant, fast-food" category. The existing building area is 4,741 square feet, and will stay the same after the proposed site improvements. Based on the current parking code, the building square footage will require Chick-fil-A to provide 71 parking spaces, which is eight (8) more than what is proposed. Please see the proposed Site Development Plan under submission for detailed site layout information.

In previous phases of this sites development, the City of Chesterfield approved an 8% reduction of parking requirements due to the positive impacts of the Mulit-Lane Order Point (MLOP). Since a MLOP is still proposed at this time, Chick-fil-A would like to request an additional reduction for a total reduction of 11.3%. This would equate to a reduction of eight (8) parking spaces, considering the required 71 parking spaces. Not including the offsite parking spaces, the parking reduction requested is as follows:



Required 71 Spaces and Provided 42 Spaces. Therefore resulting in a parking reduction request of 40.84%.

In addition, based on typical store averages provided by Chick-fil-A, expanding an existing dual lane drive-thru has been shown on average to decrease the number of dine in customers by 13%, decrease the number of carry out customers by 7%, and increase the number of drive-thru customers by 20%. The overall reduction of 20% of the number of customers that need to occupy parking spaces, which results in a decreased parking demand. Since Chick-fil-A is required by the City code of Ordinance to provide 71 parking spaces and since previous sites have shown a reduced parking demand of up to 20%. This parking analysis reflects a required parking count of 63 spaces, which is eight (8) less than the City code typically requires with the proposed configuration. Please see the tables below which summarizes the Cities parking requirements, provided parking, and typical changes in drive-thru usage for Chick-fil-A sites that have significantly increased the length of an existing dual lane drive-thru.

City of Chesterfield Parking Requirements								
Use	Required	Rounded						
Restaurant, Fast Food	15 spaces per 1,000 sq ft	4.741	71.1	71				
	11.3% Parking Reduction		=	-8				
				63				

Chick-fil-A Parking Summary										
Existing Site	Building Sq Ft	Onsite Parking	Offsite Parking	Total Parking						
Existing Site	4,741	53	21	74						
Dropood Site	Building Sq Ft	Onsite Parking	Offsite Parking	Total Parking						
Proposed Site	4,741	42	21	63						

Summary of Expanded Dual-Lane Drive-Thru Impacts										
	Percentage of	Percentage of	Percentage of							
Before	customers who use	customers who use	customers who use							
Delole	the Drive-Thru	Carry Out	Dine-In							
	55%	22%	23%							
	Percentage of	Percentage of	Percentage of							
After	customers using the	customers using	customers using							
After	Drive-Thru	Carry Out	Dine-In							
	75%	15%	10%							

Based on the data provided, Chick-fil-A feels that the site provides adequate parking as proposed and respectfully requests approval of the noted (11.3%) parking reduction considering offsite and/or 40.84% without offsite parking.



Sincerely,

Jason Toole, P.E.

CONSULTANTS

OWNER

CHICK-FIL-A, INC. **5200 BUFFINGTON ROAD** ATLANTA, GEORGIA 30349 ATTN.: MICAH DOWDY (678) 764-6637 micah.dowdy@cfacorp.com

ENGINEER

CPH, LLC. 1031-C WEST 23RD STREET PANAMA CITY, FLORIDA 32405 ATTN.: JASON L. TOOLE, P.E. (850) 563-1490 jtoole@cphcorp.com

SURVEYOR

SHERRILL ASSOCIATES INC. 316 MAIN STREET, EDWARDSVILLE, IL. 62025 ATTN.: DAVID J. SHERRILL (618) 656-9251

ARCHITECT

CPH, LLC. **500 WEST FULTON STREET** SANFORD, FLORIDA 32771 ATTN.: BROOK K. SHERRARD, AIA, NCARB, LEED AP (407) 322-6841 bsherrard@cphcorp.com

LANDSCAPE **ARCHITECT**

MANLEY LAND DESIGN 51 OLD CANTON ST. ALPHARETTA, GA 30009 ATTN.: AARON NEITZKE, RLA, (770) 442-8171 EXT 102

UTILITY PROVIDERS

ELECTRIC

AMEREN CORPORATION PO BOX 66149 ST.LOUIS, MO 63166 (314) 342-1111 myhomeamerenmissouri@ameren.com

TELEPHONE/CABLE/FIBER

SOUTHWESTERN BELL TELEPHONE COMPANY 12851 MANCHESTER ROAD SUITE 1E **ST.LOUIS, MO 63131** (314) 505-0843

WATER & SEWER

MISSOURI-AMERICAN WATER COMPANY 727 CRAIG ROAD ST.LOUIS. MO 63141 **ATTN.: DELLA STRODER** (866) 430-0820 della.stroder@amwater.com

STORM DRAINAGE

CITY OF CHESTERFIELD PUBLIC WORKS 690 CHESTERFIELD PARKWAY W CHESTERFIELD, MO 63017 ATTN.: JIM ECKRICH (636) 537-4764 jeckrich@chesterfield.mo.us

APPROVAL AGENCIES

CITY OF CHESTERFIELD

PLANNING AND ZONING **CITY OF CHESTERFIELD** 690 CHESTERFIELD PARKWAY W CHESTERFIELD, MO 63017 **ATTN.: CHRISTINE DOROUGH** (636) 537-4741 cdorough@chesterfield.mo.us

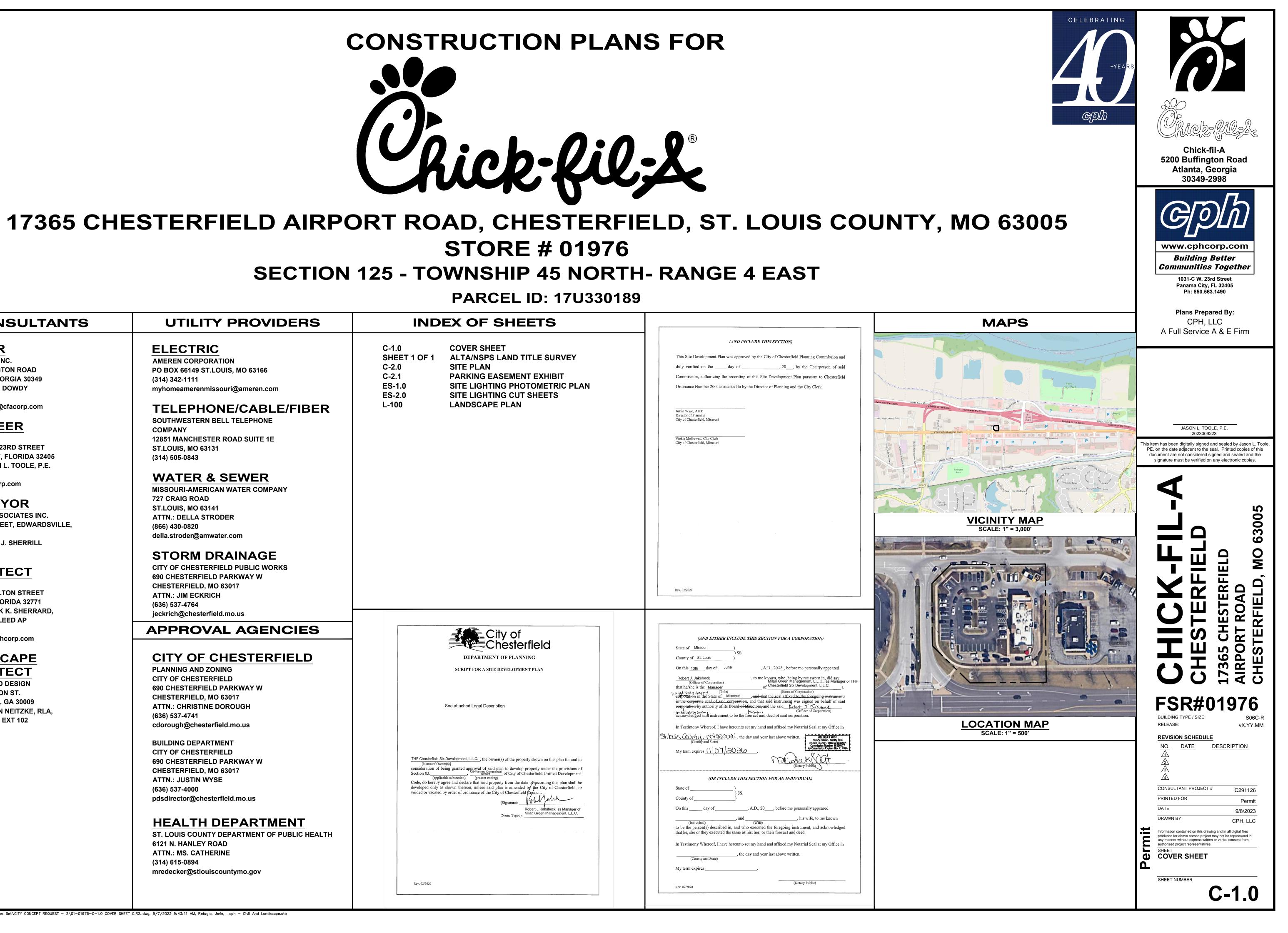
BUILDING DEPARTMENT

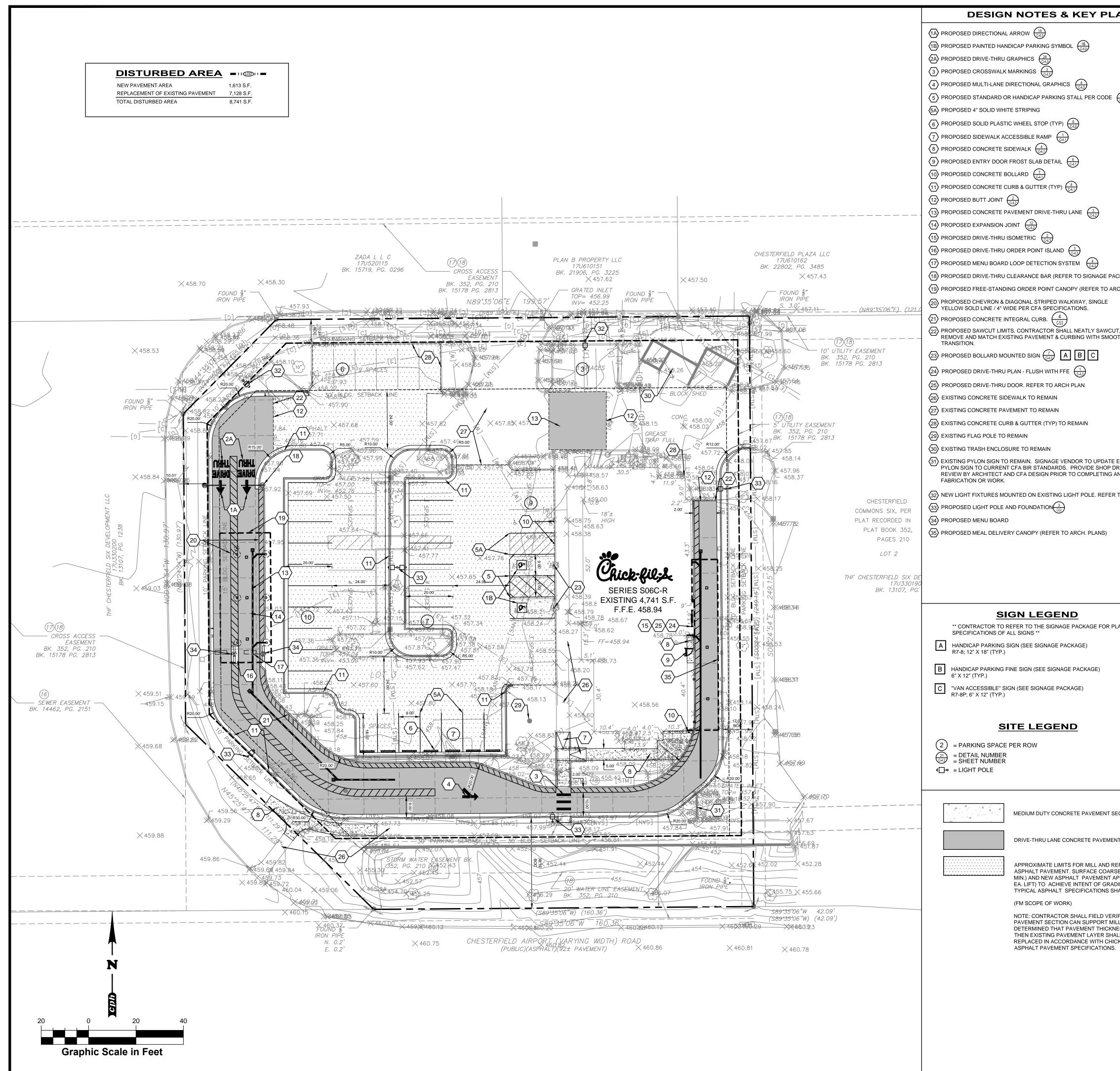
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CITY OF CHESTERFIELD 690 CHESTERFIELD PARKWAY W CHESTERFIELD, MO 63017 **ATTN.: JUSTIN WYSE** (636) 537-4000 pdsdirector@chesterfield.mo.us

HEALTH DEPARTMENT

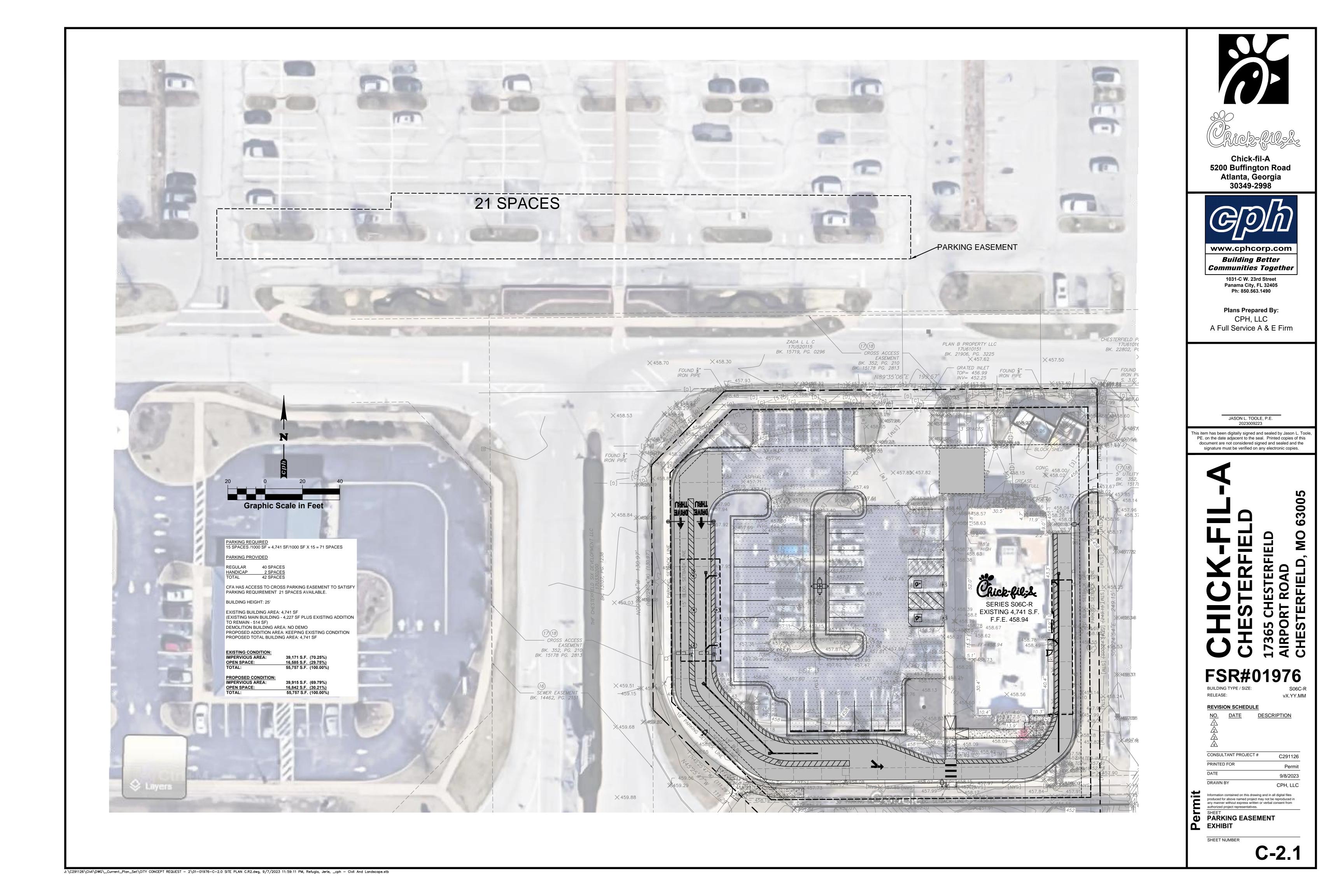
ST. LOUIS COUNTY DEPARTMENT OF PUBLIC HEALTH 6121 N. HANLEY ROAD ATTN.: MS. CATHERINE (314) 615-0894 mredecker@stlouiscountymo.gov





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AN	SITE DATA	
	STATEMENT OF INTENT PROPOSED PROJECT IS PART OF OWNER'S EXISTING PROPERTY REINVESTMENT	
	PROGRAM TO IMPROVE CUSTOMER SERVICE AND RESTAURANT OPERATIONS. PROPERTY IMPROVEMENTS WILL INCLUDE DUAL LANE DRIVE THRU WITH CANOPY AND ENTRANCE DRIVE RELOCATION. EXISTING PARKING LOT WILL BE ADJUSTED TO SUPPORT ELEMENTS PROPOSED. ADDRESS: 17365 CHESTERFIELD AIRPORT ROAD	
5 (24)0	CHESTERFIELD, MO 63005 CHICK-FIL-A SITE AREA: 1.28 AC.± (55,757 S.F. ±)	
	ZONING: C8: PLANNED COMMERCIAL PARCEL ID: 17U330189	
	BUILDING INFORMATION	Chick-Pil-2
	EXISTING & PROPOSED CONDITION: EXISTING BUILDING AREA: 4,741 S.F. EXISTING FLOOR AREA RATIO: .085 NUMBER OF STORIES: 1	Chick-fil-A 5200 Buffington Road
		Atlanta, Georgia 30349-2998
	EXISTING CONDITION: IMPERVIOUS AREA: 39,171 S.F. (70.25%) OPEN SPACE: 16,586 S.F. (29.75%) TOTAL: 55,757 S.F. (100.00%)	$\sim r$
	IMPERVIOUS AREA: 39,915 S.F. (69.79%) OPEN SPACE: 16,842 S.F. (30.21%) TOTAL: 55,757 S.F. (100.00%) BUILDING SETBACKS REQUIRED PROVIDED	GON
CKAGE) CH. PLANS)	FRONT (SOUTH) 30' 66.9' SIDE (WEST) 10' 167.44' SIDE (EAST) 10' 25.3' REAR (NORTH) 30' 63.4'	www.cphcorp.com Building Better
г, ТН	PARKING SETBACK REQUIRED PROVIDED FRONT (SOUTH) 30' 38.16' SIDE (WEST) 10' 10.01' SIDE (EAST) 5' 11.39' REAR (NORTH) 10' 10.24'	Communities Together 1031-C W. 23rd Street Panama City, FL 32405 Ph: 850.563.1490
	PARKING INFORMATION	Plans Prepared By:
	15 SPACES /1000 SF = 4,741 SF/1000 SF X 15 = 71 SPACES 8 % REDUCTION ALLOWED = 71 SPACES - 8% = 65 SPACES REQUIRED AN ADDITIONAL REDUCTION . <u>PARKING PROVIDED</u>	CPH, LLC A Full Service A & E Firm
	REGULAR40 SPACESOFF-SITE21 SPACESHANDICAP2 SPACESTOTAL63 SPACES	
	EXISTING PARKING REGULAR 51 SPACES HANDICAP 2 SPACES	
EXISTING RAWINGS FOR NY	TOTAL 53 SPACES CFA HAS ACCESS TO CROSS PARKING EASEMENT TO SATISFY PARKING REQUIREMENT. 21 PARKING SPACES AVAILABLE.	
TO LIGHTING PLAN.		JASON L. TOOLE, P.E. 2023009223
-	GENERAL NOTES	This item has been digitally signed and sealed by Jason L. Toole, PE. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
	1. DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS SHOWN (BOC) WHICH INDICATES BACK OF CURB.	
	 ALL CURBED RADII ARE TO BE 10' AND 3' UNLESS OTHERWISE NOTED. ALL SIGNS SHALL HAVE A 7'0" MIN. CLEARANCE FROM FINISH GRADE TO BOTTOM OF LOWEST SIGN MOUNTED ON POST. ALL SIGNAGE INCLUDING REGULATORY SIGNAGE, 	
	SHALL MEET THE LOCAL AGENCY DESIGN GUIDELINES & MUTCD REQUIREMENTS.4. ALL SIGNS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR.	
	 ALL STRIPING SHALL BE IN CONFORMANCE WITH LOCAL AGENCY REQUIREMENTS. ADJUST ALL MANHOLE RINGS AND CLEAN OUT COVERS TO BE FLUSH WITH FINISHED GRADE. ALL PARTS TO BE TRAFFIC BEARING (AASHTO H-20 LOADING). MANHOLE 	
<u></u>	COVERS SHALL MEET THE LOCAL AGENCY STANDARD. 7. TRANSITIONS TO BE FLUSH ALL ALONG THE ACCESSIBLE ROUTE. CONTRACTOR SHALL ENSURE THE MAXIMUM CONSTRUCTED LEVEL TRANSITION AT EVERY JOINT DOES NOT	
	EXCEED THE MAXIMUM ALLOWABLE UNDER THE ADA AFTER SETTLEMENT, EXPANSION, CONTRACTION, ETC. CHANGES IN LEVEL OF 1/4" HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.	
	 ALL CONCRETE POURS SHALL BE BOUND BY EXPANSION JOINTS WHEN ABUTTING ANOTHER CONCRETE POUR / SLAB OR ASPHALT PAVEMENT, INCLUDING CURBING. 	
	 ALL AFFECTED SIDEWALKS, RAMPS AND CROSSWALKS WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS. ALL EXISTING STRIPING SHALL BE BE STRIPED TO MATCH EXISTING CONDITIONS 	
	10. ALL EXISTING STRIPING SHALL BE RE-STRIPED TO MATCH EXISTING CONDITIONS UNLESS NOTED OTHERWISE ON PLAN.	
		CHE ARP CHE ARP
		FSR#01976
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		9/8/2023 DRAWN BY CPH, LLC
		 produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives. SHEET
		AMENDED SITE DEVELOPMENT SECTION PLAN SHEET NUMBER
		C-2.0



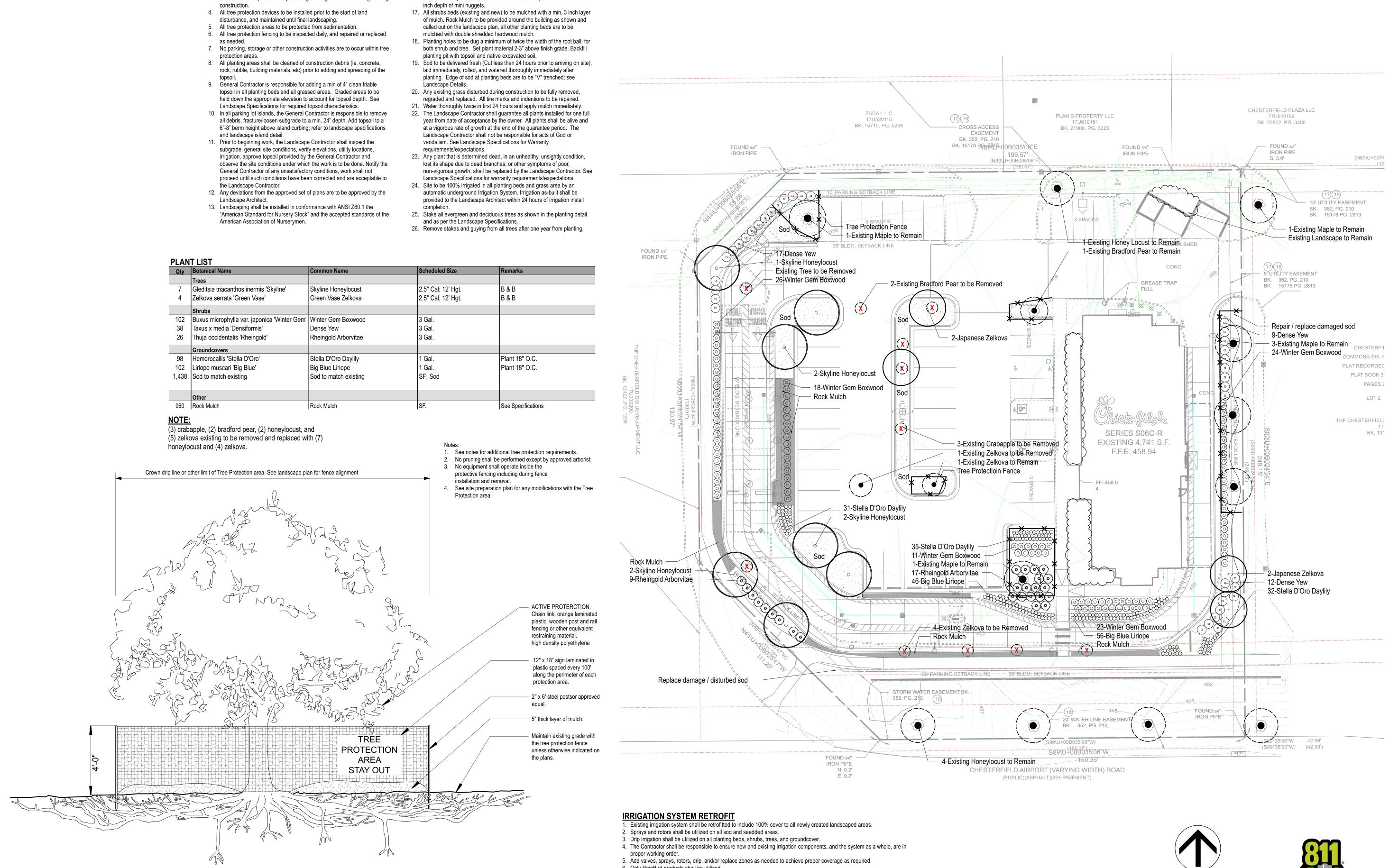
MIDWEST LANDSCAPE NOTES

- 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

- protection areas.
- topsoil.
- 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.
- all debris, fracture/loosen subgrade to a min. 24" depth. Add topsoil to a and landscape island detail.
- subgrade, general site conditions, verify elevations, utility locations, irrigation, approve topsoil provided by the General Contractor and General Contractor of any unsatisfactory conditions, work shall not the Landscape Contractor.
- Landscape Architect.
- American Association of Nurserymen.

- 14. Existing grass in proposed planting areas shall be killed and removed. Hand rake to remove all rocks and debris larger than 1 inch in diameter, prior to adding topsoil and planting shrubs.
- 15. Soil to be tested to determine fertilizer and lime requirements prior to laying sod.
- 16. Annual and perennial beds: add min. 4 inch layer of organic material and till to a min. depth of 12 inches. Mulch annual and perennial beds with 2-3

- Landscape Details.
- requirements/expectations.
- completion.



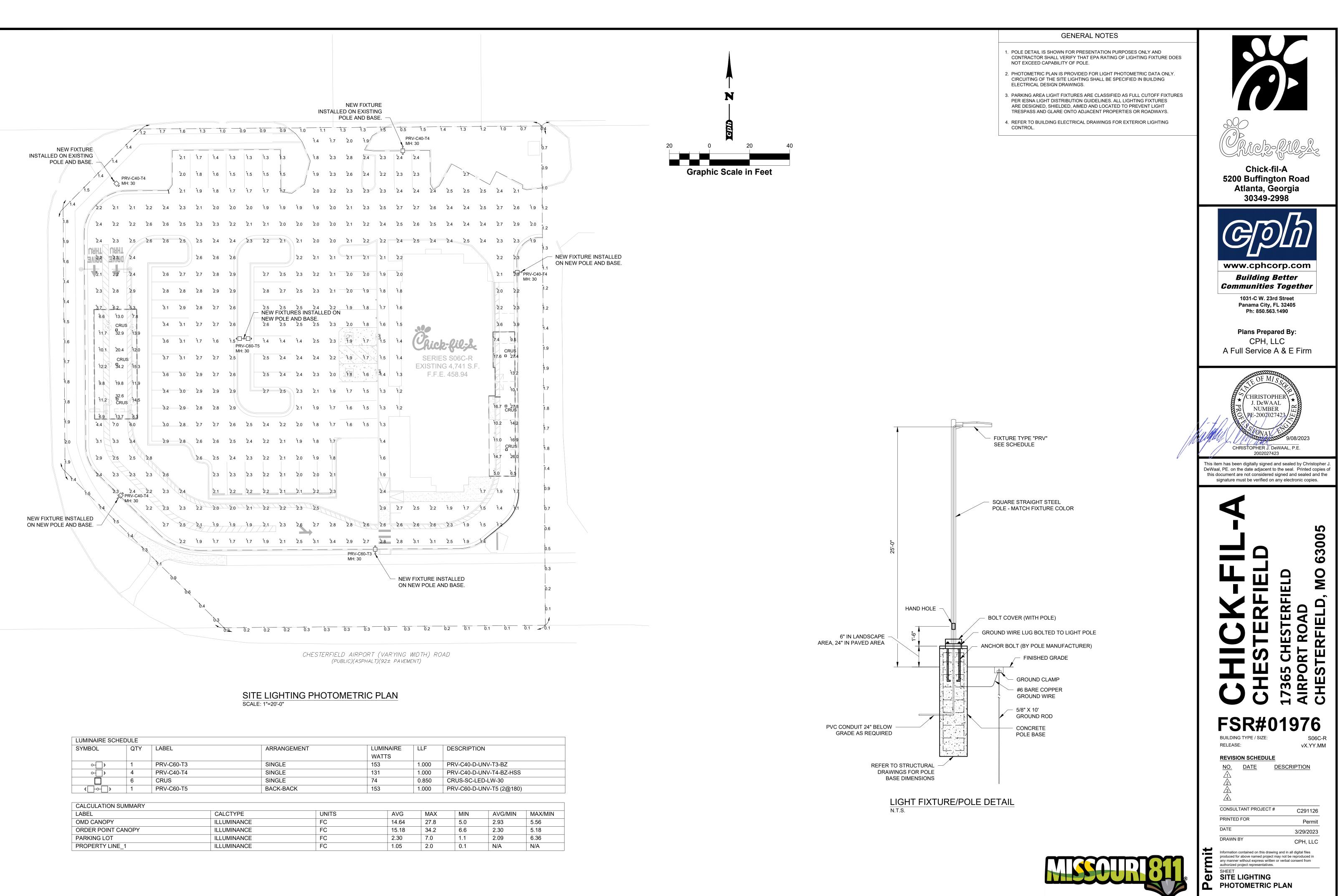
- 6. Only RainBird products shall be utilized
- 7. Mainline shall be 1.5" CLS 200 PVC 8. Lateral lines shall be 1" CLS 200 PVC
- 9. Rain / freeze sensor shall be installed
- 10. Prior to final completion, the Irrigation Contractor shall perform a walk-thru inspection with the Owner, or Owners Representative.



Know what's **below**.

Call before you dig.

40 F



.F	DESCRIPTION
000	PRV-C40-D-UNV-T3-BZ
000	PRV-C40-D-UNV-T4-BZ-HSS
850	CRUS-SC-LED-LW-30
000	PRV-C60-D-UNV-T5 (2@180)

MAX	MIN	AVG/MIN	MAX/MIN
27.8	5.0	2.93	5.56
34.2	6.6	2.30	5.18
7.0	1.1	2.09	6.36
2.0	0.1	N/A	N/A

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SHEET NUMBER

ES-1.0

Project	Catalog #		Type PRV				ed By:
Prepared by	Notes		Date		Scotts LED Cano		
	Prevail XL	Lumark Prevail LED					IP66
	Prevail	Area / Site Luminaire	e		ON Lumen Package	VERVIEW 5,000 - 22,	000
Prevail Petite		Product Features			Wattage Range Efficacy Range (LPW	38 - 152 ') 114 -156	2
		LumenSale Technology			Weight lbs(kg)	23 (10.4 PECIFICATION	<u> </u>
 Interactive Men Ordering Informa Mounting Details Optical Configura Product Specifica Energy and Performance Control Options performance 	ation page 2 S page 3 rations page 3 cations page 3 ormance Data page 4	Product CertificationImage: Constraint of the second			Construction • Features a ultra-s cast housing, with tempered glass le sealed and IP66 r heat sink does no	lim 11/16" profile d n flat clear or diffu ens. Unit is water-r	lie- ısed resistant igned me,
(35W - 350W)	nge from 4,800 - 52,300 lumens 9 1,000W HID equivalents	 Connected System WaveLinx 	ems		 Standard color is with LSI's DuraGrip process. DuraGrip 	ip [*] polyester powd withstands extrei without cracking (der coat me or
HID solutions	lumens per watt ance savings up to 85% versus quick mount arm with universal				stabilizing vent bu fatigue and failure Optical System • Features an array brightness, high e	reather to prevent e. 9 of select, mid-pow 9 of select, mid-pow 9 of select, and pow	wer, hig 00K,
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[354mm]	[354mm] 6-15/16" [177mm]	6-15/16" [177mm]			 Six Lumen Packag 13,000, 18,000 an Electrical High performance driver features ov 	ges: 5,000, 9,000, Id 22,000 Lumens e factory programi	mable
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-				00001EN page 1 r 6, 2021 7:50 AM		Inc. 10000 Alliance f 0 • ©2020 LSI Indust	tries Inc.
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(LPW)	114 -156] - <u></u>			
	23 (10.4)	Ordering Guide	Performance	Photometrics	Dimensions
& SPEC	IFICATIONS				

standards. Additional field replaceable 10kV Installation surge protection device meets a minimum Category C Low operation (per ANSI/ IEEE C62.41.2). Custom lumen and wattage packages available.

- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.
- Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and acts as the primary heatsink ensuring cool operation of internal components for longer life. Seals to optical housing via one-piece molded silicone gasket
- Universal voltage power supply, 120-277 VAC, 50/60 HZ and 347-480 VAC, 50/60 HZ input.
- -40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting style see performance data for specifics.)
- Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location (see
- performance data for specifics.) Hazardous Location
- Designed for lighter than air fuel applications. Product is suitable for Class 1 Divisions 2 only when properly installed per LSI installation instructions. See Isicorp.com for specific guidance. Not available on SLW.

One-person installation.

• Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole. simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access

_ Type: CRUS

- and to reconnect wiring for the SC/ECTA without having to relocate the conduit. • Retro panels are available for existing Encores as well as kits for recessed and 2x2
- installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck. Warranty
- LSI LED fixtures carry a 5-year warranty (contact your LSI representative for extended warranty options.)
- Listings
- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations. • DesignLights Consortium[®] (DLC) qualified
- product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights. org/QPL to confirm which versions are qualified.
- Meets Buy American Act requirements. • IDA compliant with 3000K or lower color temperature.

ies Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsicorp.com 3200 • ©2020 LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.

Туре: _____

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Scottsdale[®] Legacy LED Canopy Luminaire (CRUS) Back to Quick Links

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.o CRUS, f	or 12" Deck Pane				530281	Kit - Hole P	Plugs and Silicone (enough for 2	5 retrofits)1				1320540
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AC	17355	1	14 I	B3-U0-G3	17799	117	B3-U0-G3	18	502	122	B3-U0-G3		152
SC	17889			B3-U0-G1	18346	146	B3-U0-G2		071	152	B4-U0-G2	_	125
AC	14582			B3-U0-G2	14955	119	B3-U0-G2		546	124	B3-U0-G2		
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SC	10457			B3-00-G2 B3-U0-G1	10724	148	B3-U0-G2 B3-U0-G1	-	148	154	B3-00-G2 B3-U0-G1		
	10101			B2-U0-G2	9379	129	B2-U0-G2		749	134	B2-U0-G2	-	73
	9145			B3-U0-G1	9008	149	B3-U0-G1	-	364	155	B3-U0-G1		00
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device under testing (DUT) i.e. the packaged LED). values at 25 $^\circ\text{C}$ are calculated per TM-21 based on LM-80 data and in-situ 3 - In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).

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FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

- CONSTRUCTION Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in crosssection with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6". **Pole Top:** Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole)
- and open top. Side drilled and open top poles include a removable top cap. Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".
- Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153. HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are

galvanized or zinc-plated carbon steel or stainless steel. FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets

5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze. White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by guote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes. **BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to www.acuitybrands.com/buy-american for additional information.

INSTALLATION — **Do not** erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <u>www.acuitybrands.com/support/warranty/terms-and-conditions</u> **NOTE**: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

SSS Square Straight Steel Poles

SSS										
Series	Nominal fi mounting			shaft base thickness ²	Mounti	ng³				
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6	4C	10.5	263	7.5	188	5.5	138	4	100
8	4C	8	200	5.5	138	4	100	2.5	63
8	4G	13	325	9.5	238	7	175	5	125
8	5C	13	325	9.5	238	6.5	163	4.5	113
0	4C	6	150	4	100	2.5	63	1	25
0	4G	10.5	263	7.5	188	5.5	138	3.5	88
0	5C	10	250	7	175	4.5	113	2.5	63
0	5G	20	500	15	375	11.5	288	8.5	213
5	4C	2	50	0.5	13	-	-	-	-
5	4G	5.5	138	3	75	1.5	38	-	-
5	5C	4.5	113	2	50	-	-	-	-
5	5G	12	300	8.5	213	5.5	138	3	75
5	6G	19	475	13.5	338	9	225	5.5	138
0	4G	1.5	38	-	-	-	-	-	-
0	5C	-	-	-	-	-	-	-	-
0	5G	6.5	163	3.5	88	1	25	-	-
0	6G	11	275	6	150	2.5	63	-	-
5	56	2	50		_	_			

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above). *For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

SS 35 6G 4 100

