POPEYES FAST FOOD RESTAURANT

10869 FAIRFAX BOULEVARD CITY OF FAIRFAX, VIRGINIA-22030

SPECIAL USE PERMIT # SU-21-00197 SPECIAL EXCEPTION# SE-21-00198

PROJECT TEAM INFORMATION

OWNER/APPLICANT

13036 PARK CRESCENT CIRCLE OAK HILL, VA - 20171

CIVIL ENGINEER

NAME OF THE FIRM: WAVE CIVIL LLC

CONTACT NAME: MR. SRI APPANA, PE, PMP 5250 CHEROKEE AVENUE,

ARCHITECT

NAME OF THE FIRM: P.M. KATZ - ARCHITECT CONTACT NAME: PATRICIA KATZ

STUARTS DRAFT, VA - 24477

CONTACT PHONE: 540-448-0589 CONTACT EMAIL: PMKARCH@YAHOO.COM

TRAFFIC ENGINEER

NAME OF THE FIRM: WELLS AND ASSOCIATES

CONTACT NAME: LESTER ADKINS, PE 11220 ASSETT LOOP

SUITE# 202

MANASSAS, VA - 20109

CONTACT PHONE: 703-676-3646 CONTACT EMAIL: LEADKINS@WELLSANDASSOCIATES.COM

LAND USE ATTORNEY

NAME OF THE FIRM: COOLEY LLP

CONTACT NAME: MOLLY NOVOTNY ADDRESS:

11951 FREEDOM DRIVE 14TH FLOOR

RESTON, VA - 20190

CONTACT PHONE: 703-456-8105 CONTACT EMAIL: MNOVOTNY@COOLEY.COM



LOCATION MAP SCALE 1" = 200'

PROJECT DESCRIPTION

THE PROJECT SITE IS LOCATED AT 10869 FAIRFAX BOULEVARD IN THE CITY OF FAIRFAX, VIRGINIA. THE SITE IS LOCATED APPROXIMATELY 1500 LF EAST OF THE INTERSECTION OF MAIN STREET (RTE-236) AND LEE HIGHWAY/FAIRFAX BLVD. (RTE 50/ RTE-29). THE SITE IS BOUNDED BY FAIRFAX BOULEVARD (RTE-50) ALONG THE FRONTAGE TO THE NORTH, BURGER KING FAST FOOD RESTAURANT TO THE WEST, SONA BANK TO THE EAST AND AN EXISTING OFFICE BUILDING SITE TO THE SOUTH.

THERE IS AN EXISTING APPROXIMATE 1740 SF RESTAURANT BUILDING ON-SITE ALONG WITH ASSOCIATED PAVED PARKING AREAS, OVERHEAD AND UNDERGROUND UTILITY CONNECTIONS, TREES, PLANTS, SHRUBS, TWO (2) CONCRETE ACCESS DRIVEWAY APRONS, CONCRETE SIDE WALK, HVAC UNIT, LIGHT POLES, CURB STOPS AND TRASH RECEPTACLES.

THE PROJECT SCOPE INCLUDES THE DEMOLITION OF THE EXISTING BUILDING ON-SITE AND ASSOCIATED ABOVE AND UNDERGROUND SITE FEATURES AS IDENTIFIED ABOVE AND THE CONSTRUCTION OF A NEW 2275 SF FAST FOOD RESTAURANT WITH A DRIVE THRU.

THE NEW CONSTRUCTION ALSO INCLUDES THE INSTALLATION OF NEW PAVEMENT/PARKING AREAS, NEW SIDEWALK, LANDSCAPING, TREES, PLANTINGS & SHRUBS, NEW SITE LIGHT POLES, HVAC SYSTEMS, REFRIGERATION ENCLOSURE FOR STORAGE WITH A BUFFER FENCE, NEW DRY UTILITIES AND WATER/SEWER MAINS EXTENSIONS, STORMWATER PIPE SYSTEMS AND ON-SITE STORMWATER MANAGEMENT FACILITIES.

THE PROJECT SCOPE ALSO INCLUDES THE DEDICATION OF 10' STRIP OF RIGHT-OF-WAY AND THE CONSTRUCTION OF A 10' WIDE SIDEWALK AND LANDSCAPING ALONG THE FRONTAGE OF THE SITE ON FAIRFAX BOULEVARD.

Popeves Fast Food Restaurant Vicinity Map SCALE: 1" = 2,000F7 FOR LOCATION OF UTILITIES CALL 811 OR 1-800-552-7001 OR LOG ON TO https://va811.com 72 HOURS IN ADVANCE OF

SHEET INDEX

SHEET C-1 COVER SHEET

SHEET C-2 EXISTING CONDITIONS PLAN SHEET C-3 DEMOLITION PLAN SHEET C-4 SITE LAYOUT PLAN

SHEET C-5 LANDSCAPE PLAN SHEET C-6 VEHICLE TURNING LAYOUTS

SHEET C-7 SITE NOTES AND DETAILS LIGHTING PLAN (1 OF 2)

LIGHTING PLAN (2 OF 2)

PROJECT SITE INFORMATION

FAIRFAX, VA - 22030

PARCEL ID# 57 1 14 033 PROPERTY ACCOUNT# 11241 ZONING: COMMERCIAL RETAIL (CR)

EXISTING USE: RESTAURANT EXISTING RESTAURANT SIZE: 1740 SF

PROPOSED USE: FAST FOOD RESTAURANT

PROPOSED RESTAURANT SIZE: 2275 SF

LEGAL REFERENCE: 26512-0359 LAND AREA: 0.48 ACRES LOTS 32-34

SUBDIVISION: FAIRFAX HEIGHTS DEED BOOK PAGE# 26512-0359

> THE APPLICANT IS REQUESTING A SPECIAL USE PERMIT TO ALLOW A DRIVE-THRU FOR THE PROPOSED FAST FOOD RESTAURANT AT THIS LOCATION.

SPECIAL EXCEPTION REQUEST:

THE APPLICANT IS REQUESTING A SPECIAL EXCEPTION FOR RELIEF FROM ARTICLE 4.5.7.D1 OF THE ZONING ORDINANCE TO ELIMINATE ONE (1) INTERIOR PARKING LOT LANDSCAPE ISLAND. THE APPLICANT IS ALSO REQUESTING A SPECIAL EXCEPTION FOR RELIEF FROM ARTICLE 4.5.7.D2 TO REDUCE THE WIDTH OF LANDSCAPE ISLAND LOCATED ON THE SOUTH SIDE OF THE PROPOSED PARKING ROW AND REDUCE THE LANDSCAPE AREA (LESS THAN 200 SF) FOR THE LANDSCAPE ISLAND TO THE NORTH OF THE PROPOSED PARKING ROW.

THE APPLICANT IS ALSO REQUESTING A SPECIAL EXCEPTION TO ALLOW A SIDE SETBACK THAT WILL BE LESS THAN THE REQUIRED 10 FEET ALONG A PORTION OF THE EAST PROPERTY LINE OF THE PROPOSED POPEYES SITE. IN ORDER TO SAFELY ACCOMMODATE THE TRUCK TURNING RADIUS IN THE SOUTHEAST CORNER OF THE SITE, A REDUCTION IN SIDE SETBACK (ALONG EAST SIDE) FROM 10 FEET TO 5.2 FEET IS REQUESTED WITH THIS SPECIAL EXCEPTION. AS SUCH, APPROVAL OF THE SPECIAL EXCEPTION TO ZONING ORDINANCE ARTICLE 3.6.2 (SIDE YARD SETBACKS) IS BEING REQUESTED BY THE APPLICANT.

SHEET

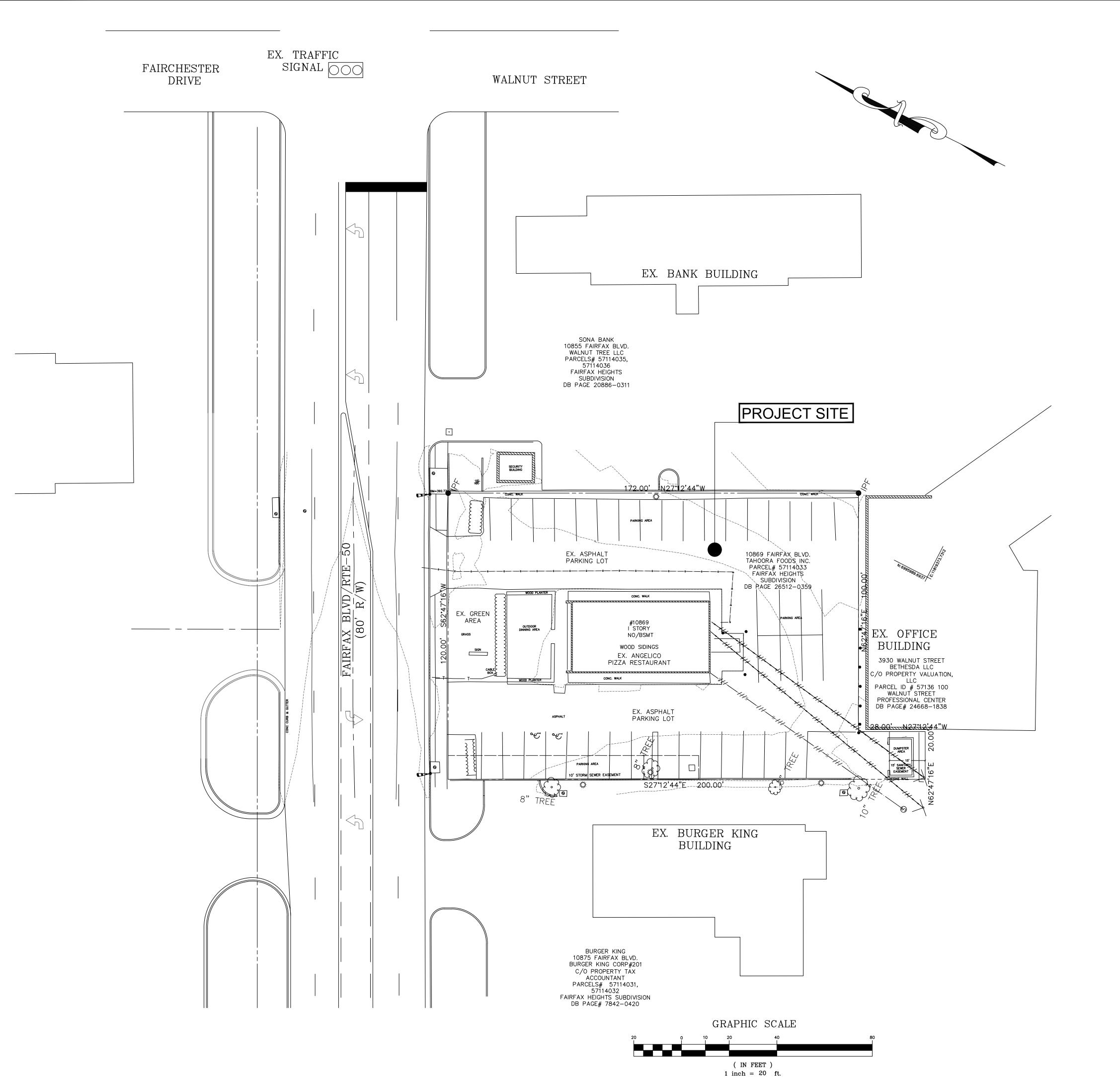
1 OF 7

C-1

10869

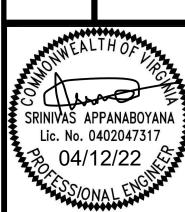
SRINIVAS APPANABOY

COVER SHEET
FAST FOOD REST
FAIRFAX BOULEVA



PROJECT NOTES:

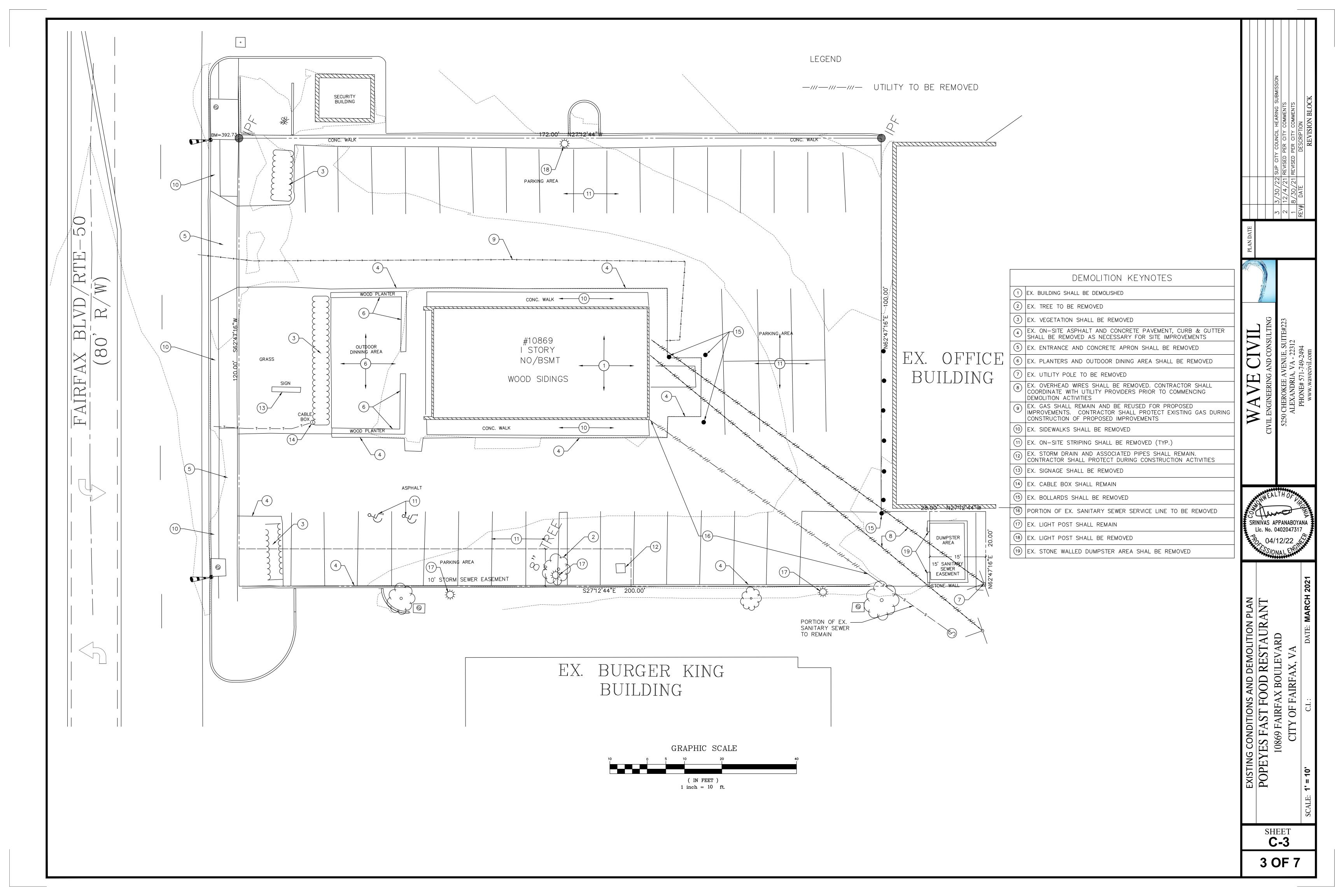
- 1. THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED ON THE FIELD SURVEY DATED 09/21/2020 PREPARED BY LIGGIE SURVEYS INC.
- 2. THE SUBJECT PROPERTY IS LOCATED IN ZONE "X" AREAS DETERMINED TO BE OUTSIDE THE ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP (FIRM) NUMBER 5155240003D, COMMUNITY PANEL 515524 00030 D, FOR THE FAIRFAX CITY, VIRGINIA DATED JNE 2, 2006. ZONE "X" IS NOT IDENTIFIED AS A SPECIAL FLOOD HAZARD ZONE AREA.
- 3. THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE VIRGINIA COORDINATE SYSTEM OF 1983 (VCS 83), BY GPS PERFORMED BY LIGGIE SURVEYS INC.
- 4. THE VERTICAL DATUM SHOWN HEREON IS REFERENCED TO THE
- NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) 5. CONTOUR INTERVAL SHOWN HEREON IS 1'
- 6. BOUNDARY INFORMATION SHOWN HEREON IS BASED UPON A FIELD RUN SURVEY BY LIGGIE SURVEYS INC.
- 7. THE RECORD DESCRIPTION CONTAINED HEREON AND ALL OTHER
- INFORMATION SHOWN HEREON IS CORRECT. 8. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE
- 9. THERE IS NO OBSERVED EVIDENCE OF WETLANDS FIELD DELINEATION ON THE SUBJECT PROPERTY.
- 10. UNDERGROUND UTILITY MARKINGS PERFORMED BY MISS UTILITY
- 11. THE EXISTING PARKING SPACES SHOWN HEREON ARE BASED ON FIELD LOCATIONS AND VISUAL INSPECTION.
- 12. THE CONTRACTOR SHALL NOT UTILIZE THESE SPECIAL USE PERMIT PLANS FOR CONSTRUCTION PURPOSES. THIS PLAN SET IS BEING PREPARED AND SUBMITTED TO THE CITY OF FAIRFAX REVIEW AND APPROVAL OF A SPECIAL USE PERMIT.

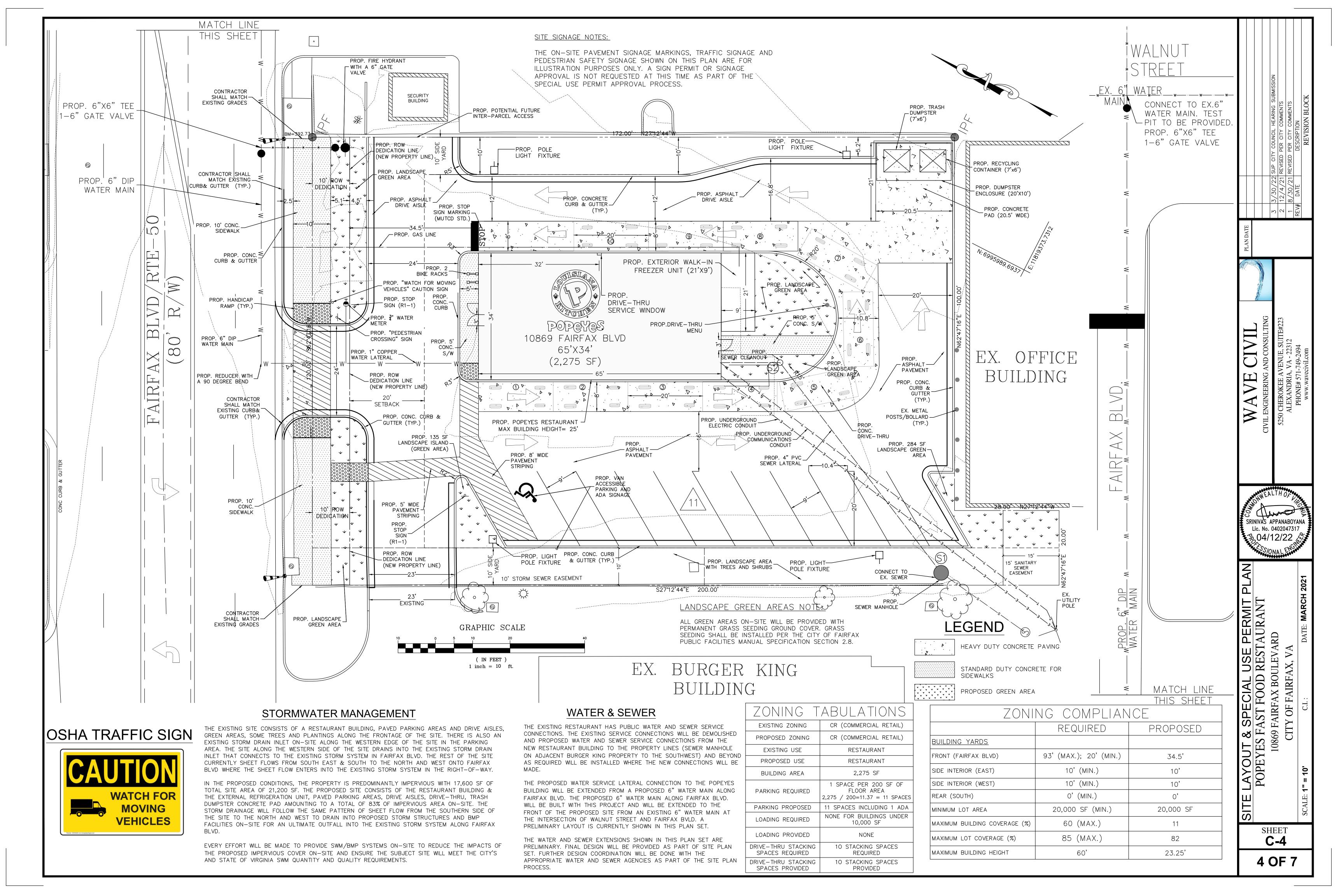


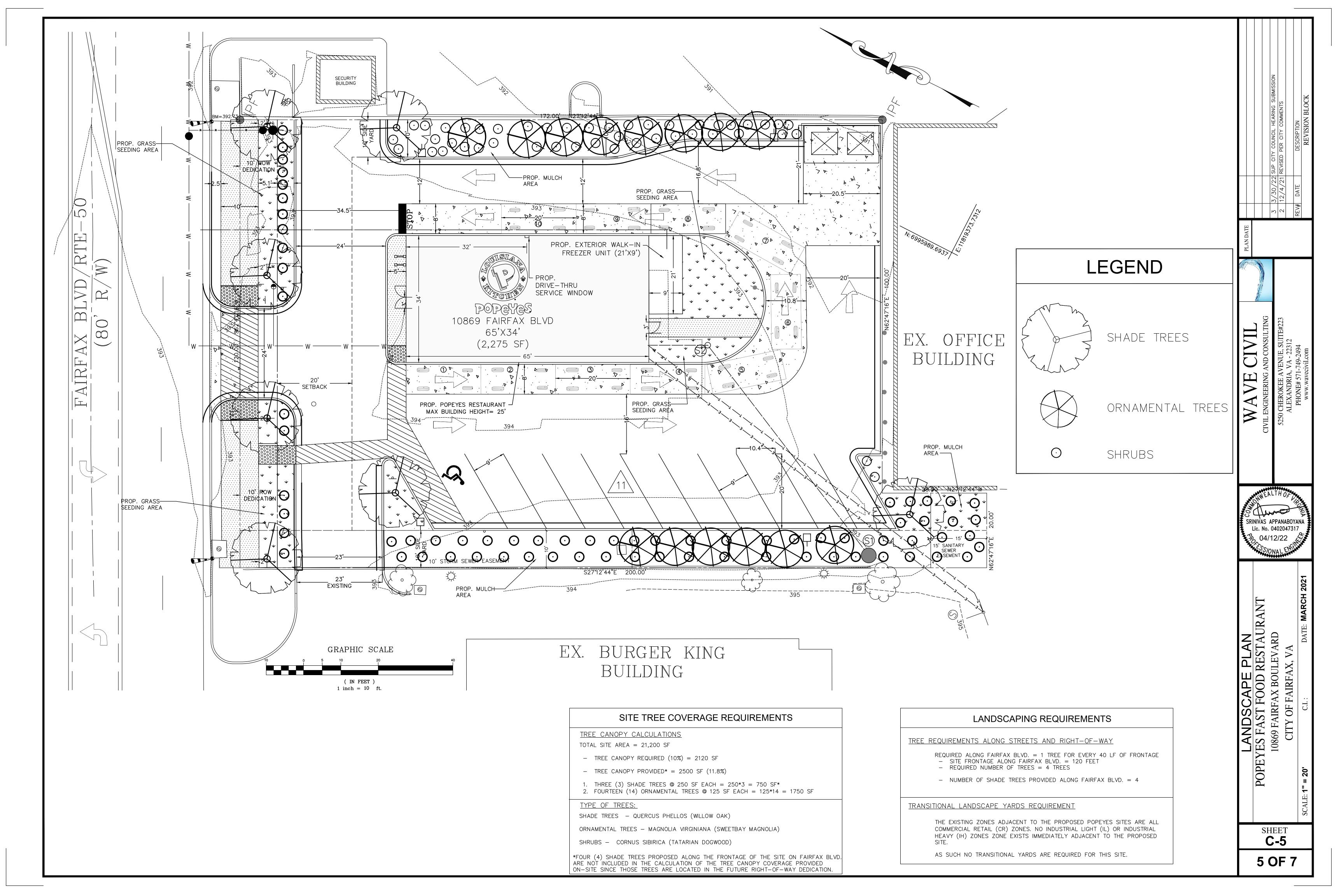
OVERALL EXISTING CONDITIONS PLAN
POPEYES FAST FOOD RESTAURANT
10869 FAIRFAX BOULEVARD
CITY OF FAIRFAX, VA

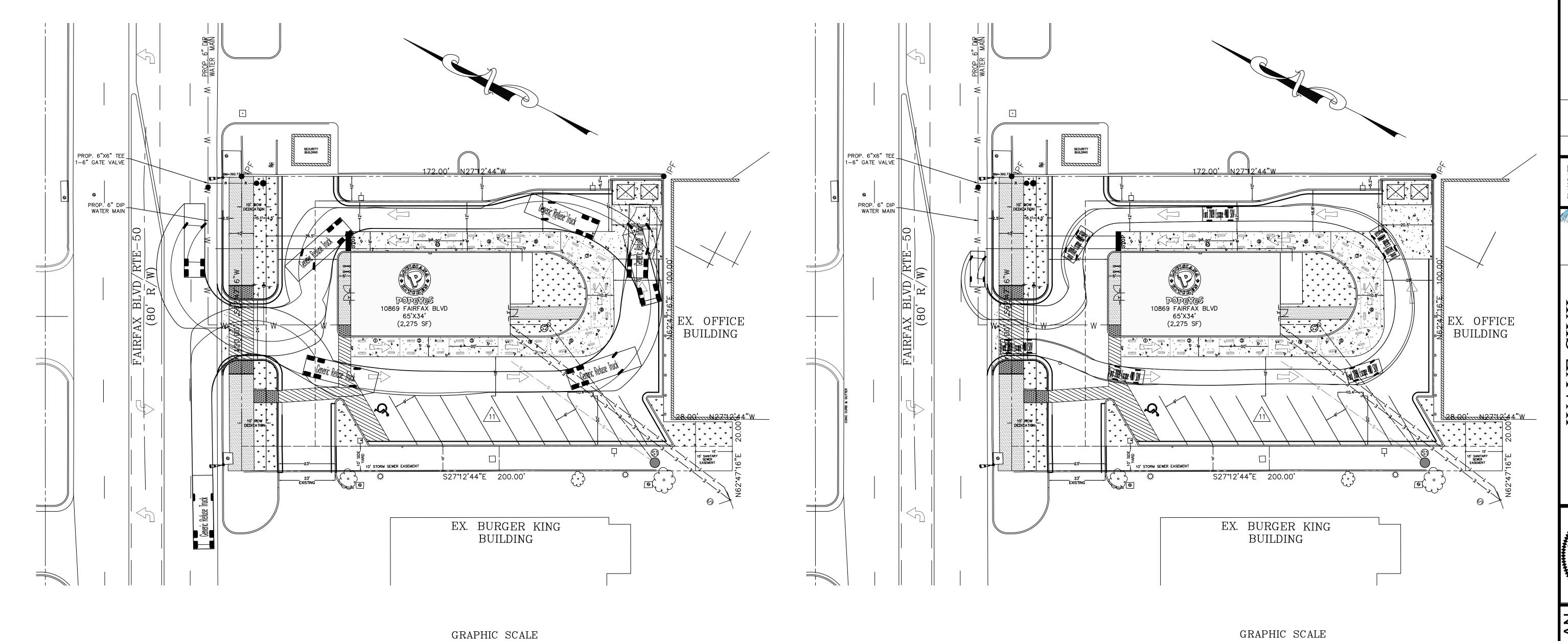
C-2

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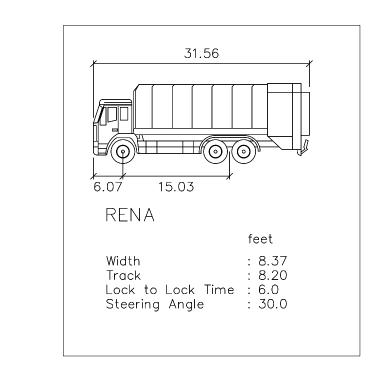






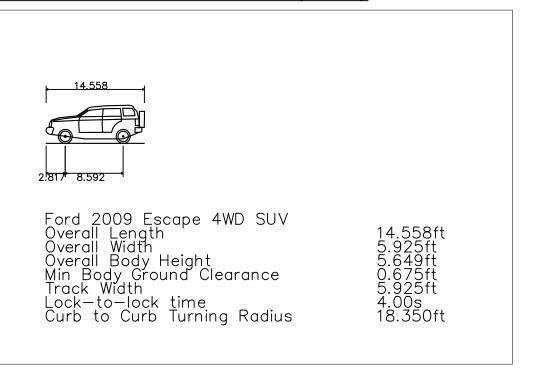
FRONT LOAD TRASH TRUCK

(IN FEET)1 inch = 20 ft.





PASSENGER VEHICLE (SUV)



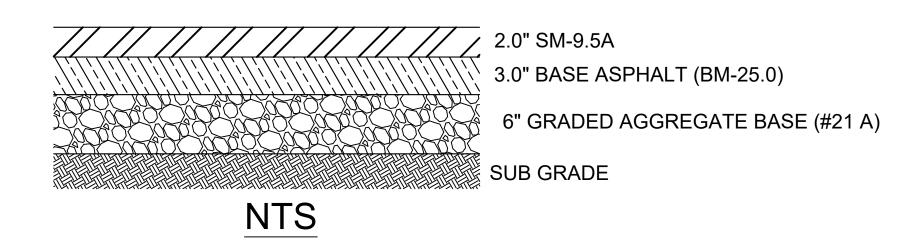
(IN FEET) 1 inch = 20 ft.

VEHICLE TURNING MOVEMENTS PI POPEYES FAST FOOD RESTAURANT 10869 FAIRFAX BOULEVARD CITY OF FAIRFAX, VA

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POPEYES IMPERVIOUS AREAS DETAILS (PRIVATE ACCESS ROADS)

POPEYES ON-SITE STANDARD DUTY ASPHALT PAVEMENT SECTION*



POPEYES GREASE SEPARATOR DETAIL



POPEYES PERVIOUS AREAS DETAILS

SEEDING SCHEDULE & SPECIFICATIONS

	SEED1	
LAND USE	SPECIES	APPLICATION RATES
Minimum Care Lawn	Tall Fescue ¹	175 - 200
(Commercial or Residential)	or	1
(Commercial of Feederman)	Bermudagrass ¹	75
High-Maintenance Lawn	Tall Fescue ¹	200-250
	or 1	40 lbs (upbull
	Bermudagrass ¹ (seed)	40 lbs. (unhull 30 lbs. (hull
	Bermudagrass ¹ (by other vegetative	oo ios. (iidii
	establishment method, see Std. & Spec. 3.34)	
	Tall Fescue ¹	128
Connect Claus (A. I	Red Top Grass or Creeping Red Fescue	2
General Slope (3:1 or less)	Seasonal Nurse Crop ²	20
	19420340000000000000000000000000000000000	TOTAL: 150
	Tall Fescue ¹	93-108
	Bermudagrass ¹	0-15
Low-Maintenance Slope	Red Top Grass or Creeping Red Fescue	2
(Steeper than 3:1)	Seasonal Nurse Crop ²	20
	Sericea Lespedeza ³	TOTAL: 150
1 - When collecting variation	I of turfgrass, use the Virginia Crop Improvement Asso	10112100
	seed will bear a label indicating that they are approve	
variety list is available at the l http://sudan.cses.vt.edu/html	ocal County Extension office or through VCIA at 804- Turf/turf/publications/publications2.html	-746-4884 or at
variety list is available at the l http://sudan.cses.vt.edu/html	Turf/turf/publications/publications2.html n accordance with seeding dates as stated below:	-746-4884 or at Annual Rye
variety list is available at the l http://sudan.cses.vt.edu/html	Turf/turf/publications/publications2.html n accordance with seeding dates as stated below: February, March - April	
variety list is available at the l http://sudan.cses.vt.edu/html	Turf/turf/publications/publications2.html n accordance with seeding dates as stated below: February, March - April May 1 st - August	Annual Rye
variety list is available at the l http://sudan.cses.vt.edu/html	Turf/turf/publications/publications2.html n accordance with seeding dates as stated below: February, March - April	Annual Rye Foxtail Millet
variety list is available at the I http://sudan.cses.vt.edu/html 2 - Use seasonal nurse crop i 3 - May through October, use	Turf/turf/publications/publications2.html n accordance with seeding dates as stated below: February, March - April May 1 st - August	Annual Rye Foxtail Millet Annual Rye Winter Rye d seed. If Weeping Lovegrass
variety list is available at the I http://sudan.cses.vt.edu/html 2 - Use seasonal nurse crop i 3 - May through October, use	Turf/turf/publications/publications2.html n accordance with seeding dates as stated below: February, March - April	Annual Rye Foxtail Millet Annual Rye Winter Rye d seed. If Weeping Lovegrass

MULCHING SCHEDULE & **SPECIFICATIONS**

		TABLE 3.35-A	
ORGAN	NIC MULCH MA	ATERIALS AND A	APPLICATION RATES
3.TH CHEC	RA	TES:	NOTES.
MULCHES:	Per Acre	Per 1000 sq. ft.	NOTES:
Straw or Hay	1½ - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coars matter. Must be anchored. Spread with mulch blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do no use in fine turf areas. App with mulch blower or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air dried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. App with mulch blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air dried. Do not use in fine turf areas. Apply with mulch blower, chip handles or by hand.

VEGETATIVE PRACTICES:

TEMPORARY SEEDING: ALL DENUDED AREAS WHICH WILL BE LEFT DORMANT FOR EXTENDED PERIODS OF TIME SHALL BE SEEDED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING. SELECTION OF THE SEED MIXTURE WILL DEPEND ON THE TIME OF YEAR IT IS APPLIED.

WHEN CONSTRUCTION IS COMPLETE, ALL DISTURBED AREAS MUST BE PERMANENTLY SEEDED AND VEGETATION MUST BE PERMANENTLY ESTABLISHED. THE SEED MIXTURE THAT WILL BE APPLIED WILL DEPEND ON THE TIME OF

MANAGEMENT STRATEGIES:

- 1. DURING CONSTRUCTION, CONTRACTOR TO FOLLOW ALL APPLICABLE STANDARD VA E&S MINIMUM
- 2. CONSTRUCTION WILL BE SEQUENCED AS NEEDED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
- 3. DUST MUST BE CONTROLLED DURING LAND DISTURBANCE AND CONSTRUCTION. CONTRACTOR TO USE WATER TRUCKS AS NEEDED TO KEEP DUST LEVELS DOWN.

4. TEMPORARY SEEDING OR OTHER STABILIZATION WILL FOLLOW IMMEDIATELY AFTER GRADING.

PERMANENT STABILIZATION:

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISH GRADING. SEEDING SHALL BE DONE ACCORDING TO VIRGINIA E&S STD. & SPEC. 3.32 PERMANENT SEEDING, OF THE HANDBOOK. MULCH (STRAW OR FIBER) OR SEEDING WILL BE APPLIED AS A SECOND STEP IN SEEDING OPERATIONS. CHEMICAL SOIL STABILIZERS AND BINDERS WILL BE USED AS NEEDED TO BIND MULCHES TOGETHER AND PREVENT DISPLACEMENT. EROSION CONTROL BLANKETS WILL BE USED FOR STEEP SLOPE AREAS TO PROTECT THEM FROM RILL AND GULLY EROSION AND TO ALLOW THE SEED TO GERMINATE. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER AND LIME WILL BE APPLIED PRIOR TO MULCHING.

SITE NOTES AND DETAILS
POPEYES FAST FOOD RESTAURANT
10869 FAIRFAX BOULEVARD

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StatArea Parking and Drive Readings Taken at 0'-0"AFG Illuminance (Fc) Average = 3.84Maximum = 10.7Minimum = 0.9Ava/Min Ratio = 4.27 Max/Min Ratio = 11.89 0.0 0.1 0.2 0.3 0.3 0.3 0.1 0.3 0.4 0.4 0.3 0.3 0.4 0.6 0.7 0.7 0.8 0.8 0.6 0.4 0.2 0.1 0.1 0.0 0.0 1.4 20 22 1.6 1.2 0.9 1.0 17 25 3.1 4.6 4.6 4.1 27 8.1 10,7 8.6 5.7 4.3 31 2.4 3.2 4.6 6.T 8.4 9.3 7.0 5.2 0.4 0.9 -2.0 3.6 5.1 0.2 0.3 0.6 1.1 1.9 3.1 4.7 5.9 7.2 6.5 3.8 4.2 3 2.6 3.0 3.9 4.4 3.6 2.5 1.6 1.0 0.6 1.0 1.6 2.4 3.5 0.8 0.5 0.3 0.2 0.1 0.1 1.5 4 4.4 0.8 0.8 0.6 0.5 0.3 0.2 0.1 0.1 POPeyes 0.4 1,0 10 0 0 0 0.9 0.1 0.1 0.2 0.3 0.4 0.9 0.7 0.5 5 0.4 0.3 0.2 0.1 0.1 1.1 1.1 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.2 0.3 0.4 0.6 0.8 1.0 1.2 1.6 2. 2.4 2.4 2.4 2.3 1.9 1.5 1.3 1.5 1.7 21 2.5 2.6 2.6 2.4 2.0 1.5 0.1 0.1 0.2 0.3 0.5 0.7 0.0 0.1 0.1 0.2 0.3 0.6 0.9 1.5 2.4 3.5 3.9 4.1 3.8 2.8 2.1 1.8 1.9 2.4 3.2 4.0 4.2 4.3 3.9 3.2 2.2 1.3 0.8 38 68 8 53 3.7 2.6 2.0 2.1 2.9 4.2 5.7 7.2 7.2 5.8 4.2 2.8 1.6 0.9 0.5 0.2 0.1 0.1 0.0 0.0 101 8.5 5.3 3.9 2.6 1.6 1.7 29 4.1 5 5.5 8.8 9.0 61 42 2.9 14 0.0 0.1 0.1 0.2 0.3 0.3 0.2 0.2 0.3 0.3 0.2 0.1 0.1 0.2 0.3 0.3 0.2 0.2 0.3 0.2 0.2 0.1

Scale: 1 inch= 40 Ft.



Prepared For: Phoenix Sales & Marketing 1500 Caton Center Drive, Suite A Halethorpe, MD 21227 Job Name: Popeyes Fast Food Restaurant Lighting Layout Version B

Scale: as noted	PROJECT #: 186006
Date:4/12/2022	CASE #:00848104

Drawn By: S Elliott

The Lighting Analysis, ezLayout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by the RAB Lighting Inc. ("RAB") represent an anticipated prediction of lighting system performance based upon design parameters and information supplied by others. These design parameters and information provided by others have not been field verified by RAB and therefore actual measured r esults may vary from the actual field conditions. RAB recommends that design parameters and other information be field verified to reduce variation.

Filename: Popeyes Fast Food Restaurant Lighting Layout 0084810481AG

by the Lighting Design. RAB neither warranties, either implied or stated, nor represents the appropriateness, completeness or suitability of the Lighting Design intent as compliant with any applicable regulatory code requirements with the exception of those specifically stated on drawings created and submitted by RAB. The Lighting design is issued, in whole or in part, as advisory documents for informational purposes and is not intended for construction nor as being part of a project's construction documentation package.

Filename: Z:\Job Files\Phoenix Sales\Phoenix Sales 113691\Popeyes Fast Food Restaurant\Working Files\AG(\Popeyes Fast Food Restaurant Lighting Layout 00848104B.AGI

Calculation Summary											
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description	PtSpcLr	PtSpcTb	Meter Type
CalcPts Ground	Illuminance	Fc	0.61	10.7	0.0	N.A.	N.A.	Readings Taken at 0'-0"AFG	10	10	Horizontal
StatArea Parking and Drive	Illuminance	Fc	3.84	10.7	0.9	4.27	11.89	Readings Taken at 0'-0"AFG			

Luminaire Schedule				ule All quotes/orders generated from this layout must be forwarded to the Local Rep Agency					
S	Symbol Qty Tag		Tag	Label	Arrangement	LLF	Description	BUG Rating	
		4	Α	ALED3T150Y WS2	SINGLE	1.000	Pole Mounted	B1-U0-G3	

Expanded Luminaire Location Summary										
LumNo Tag X Y MTG HT Orient Tilt										
1	Α	194.14	169.972	20	270	0				
2	Α	195.04	67.788	20	90	0				
3	Α	290.739	174.71	20	270	0				
4	Α	299.133	68.418	20	90	0				
Total Qua	Total Quantity: 4									

Luminaire Tag Summary				
Tag Qty				
Α	4			

- * The light loss factor (LLF) is a product of many variables, only lamp lumen depreciation (LLD) has been applied to the calculated results unless otherwise noted. The LLD is the result (quotient) of mean lumens / initial lumens per lamp manufacturers' specifications.
- * Illumination values shown (in footcandles) are the predicted results for planes of calculation either horizontal, vertical or inclined as designated in the calculation summary. Meter orientation is normal to the plane of calculation.
- *The calculated results of this lighting simulation represent an anticipated prediction of system performance. Actual measured results may vary from the anticipated performance and are subject to means and methods which are beyond the control of RAB Lighting Inc.
- * Mounting height determination is job site specific, our lighting simulations assume a mounting height (insertion point of the luminaire symbol) to be taken at the top of the symbol for ceiling mounted luminaires and at the bottom of the symbol for all other luminaire mounting configurations.
- * It is the Owner's responsibility to confirm the suitability of the existing or proposed poles and bases to support the proposed fixtures, based on the weight and EPA of the proposed fixtures and the owner's site soil conditions and wind zone. It is recommended that a professional engineer licensed to practice in the state the site is located be engaged to assist in this determination.
- * The landscape material shown hereon is conceptual, and is not intended to be an accurate representation of any particular plant, shrub, bush, or tree, as these materials are living objects, and subject to constant change. The conceptual objects shown are for illustrative purposes only. The actual illumination values measured in the field will vary.
- * Photometric model elements such as buildings, rooms, plants, furnishings or any architectural details which impact the dispersion of light must be detailed by the customer documents for inclusion in the RAB lighting design model. RAB is not responsible for any inaccuracies caused by incomplete information on the part of the customer, and reserves the right to use best judgement when translating customer requests into photometric studies.
- * RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.



Prepared For: Phoenix Sales & Marketing 1500 Caton Center Drive, Suite A Halethorpe, MD 21227

Job Name: Popeyes Fast Food Restaurant Lighting Layout Version B

Scale: as noted	PROJECT # : 186006
Date:4/12/2022	CASE #: 00848104
Filename: Poneves Fast Foo	nd Restaurant Lighting Layout 008

Drawn By: S Elliott

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Filename: Popeyes Fast Food Restaurant Lighting Layout 008481048 AG warranties, either implied or stated with regard to actual measured light levels or energy consumption levels as compared to those illustrated by the Lighting Design. RAB neither warranties, either implied or stated, nor represents the appropriateness, completeness or suitability of the Lighting Design intent as compliant with any applicable regulatory code requirements with the exception of those specifically stated on drawings created and submitted by RAB. The Lighting design is issued, in whole or in part, as advisory documents for informational purposes and is not intended for construction nor as being part of a project's construction documentation package.

Filename: Z:Uob Files\Phoenix Sales\Phoenix Sales 113691\Popeyes Fast Food Restaurant\Working Files\AGI\Popeyes Fast Food Restaurant Lighting Layout 008481048.AGI





Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Туре	Constant Current	Watts	150W		
120V	1.31A	Color Temp	3000K (Warm)		
208V	0.80A	Color Accuracy	70 CRI		
240V	0.69A	L70 Lifespan	100,000 Hours		
277V	0.60A	Lumens	15,966		
Input Watts	153.6W	Efficacy	103.9 lm/W		

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:

Conforms to (allows for conformance to) the requirements for the IDA's "Fixture Seal of Approval" as of March 1, 2016.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: PPZ6D4P5

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Construction

IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior thermal management with external "Air-Flow" fins

Lens:

Tempered glass lens

Housing:

Die-cast aluminum housing, lens frame and mounting arm

IP Rating:

Ingress protection rating of IP66 for dust and water

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Reflector:

Specular vacuum-metallized polycarbonate



Technical Specifications (continued)

Construction

Gaskets:

High-temperature silicone gaskets

EPA:

- 1 Fixture: 0.75
- 2 Fixtures at 90°: 1.2
- 2 Fixtures at 180°: 2.4
- 3 Fixtures at 90°: 2.4
- 4 Fixtures at 90°: 1.8

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Electrical

THD:

4.9% at 120V, 14% at 277V

Power Factor:

99.5% at 120V, 93.7% at 277V

Surge Protection:

4kV

Optical

BUG Rating:

B1 U0 G2

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rable-r

Equivalency:

Equivalent to 400W Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Sensor Specifications

Operating Voltage:

120-277V

Power Consumption:

1W

0-10V Sinking Current:

50mA

Adjustable High and Low Modes:

High: 0-10V; Low: off, 0-9.8V

Adjustable Time Delay:

Amount of time in high mode with no motion before switching to low mode: $5 \, \text{min.} \, 1$ - $30 \, \text{min.}$

Adjustable Cut Off Delay:

Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 -60 min., 1 -5 hrs.

Adjustable Sensitivy:

None, low, medium, maximum

Adjustable Setpoint:

None, 1 to 250 fc, auto

Operating Temperature:

-40°F to 167°F (-40°C to +75°C)

Operating Humidity:

20% to 90% noncondensing

Relay Life Rating:

200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

IP Rating:

Ingress protection rating of IP66 for dust and water

UL Listed:

Suitable for Wet Locations as factory installed

Handheld Wireless Configuration Tool:

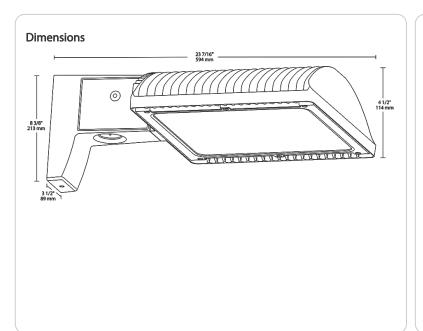
Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options. <u>Handheld wireless configuration tool available here.</u>

Multi Level Motion Sensor:

*40 ft. diameter coverage from 20 ft. height.

ALED3T150Y/D10/WS2





Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering	Matrix							
Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
ALED	3T	150		Υ		/D10	/WS2	
	4T = Type IV 3T = Type III 2T = Type II	50 = 50W 78 = 78W 105 = 105W 125 = 125W 150 = 150W	Blank = Pole mount SF = Slipfitter	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze RG = Roadway Gray W = White K = Black	Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming /480/D10 = 480V, 0-10V Dimming	Blank = No Option /LC = Lightcloud® Controller /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCT = 120-277V Twistlock Photocell /PCS4 = 480V Swivel Photocell /PCT4 = 480V Twistlock Photocell /WS2 = Multi-Level Motion Sensor 20 ft. /WS4 = Multi-Level Motion Sensor 40 ft.	Blank = Standard USA = BAA Compliant





Project: Type:

Prepared By: Date:

Square steel poles drilled for 2 Area Lights at 180°. Designed for ground mounting. Poles are stocked nationwide for quick shipment. Protective packaging ensures poles arrive at the job site good as new.

Color: Bronze

Weight: 136.7 lbs

Technical Specifications

Compliance

CSA Listed:

Suitable for wet locations

Construction

Shaft:

46,000 p.s.i. minimum yield.

Hand Holes:

Reinforced with grounding lug and removable cover

Base Plates:

Slotted base plates 36,000 p.s.i.

Shipping Protection:

All poles are shipped in individual corrugated cartons to prevent finish damage

Color:

Bronze powder coating

Height:

20 FT

Weight:

137 lbs

Gauge:

11

Wall Thickness:

1/8"

Shaft Size:

4"

Hand Hole Dimensions:

3" x 5"

Bolt Circle:

8 1/2"

Base Dimension:

8"



Technical Specifications (continued)

Construction

Anchor Bolt:

Galvanized anchor bolts and galvanized hardware and anchor bolt template. All bolts have a 3" hook.

Anchor Bolt Templates:

WARNING Template must be printed on 11" \times 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available online.

Pre-Shipped Anchor Bolts:

Bolts can be pre-shipped upon request for additional freight charge

Max EPA's/Max Weights:

70MPH 10.7 ft./360 lb. 80MPH 7.0 ft./350 lb. 90MPH 4.3 ft./350 lb. 100MPH 2.5 ft./350 lb. 110MPH 1.1 ft./350 lb. 120MPH 0.1 ft./340lb

Other

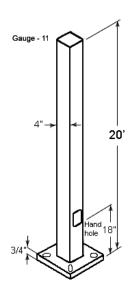
Terms of Sale:

Pole Terms of Sale is available online.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

Designed for ground mounting

Heavy duty TGIC polyester coating

Reinforced hand holes with grounding lug and removable cover for easy wiring access

Pole caps, base covers & bolts are sold separately

Custom manufactured for each application