



# Administrative Approval Action

Case File / Name: ASR-0068-2023  
DSLCL - GREGORY POOLE RENTAL STORE

City of Raleigh  
Development Services Department  
One Exchange Plaza  
Raleigh, NC 27602  
(919) 996-2492  
currentplanning@raleighnc.gov  
www.raleighnc.gov

**LOCATION:** This 7.78 acre site zoned IX-3 and within a SHOD-2 overlay is located on the southwest corner of the intersection of S. New Hope Road and Global Street at 4210 Global Street.

**REQUEST:** This is a 15,100 SF building for commercial equipment rental/retail with repair and outdoor storage.

**DESIGN ADJUSTMENT(S)/ ALTERNATES, ETC:** N/A

**FINDINGS:** City Administration finds that this request, with the below conditions of approval being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated March 20, 2024 by Bobbitt Design Build.

## CONDITIONS OF APPROVAL and NEXT STEPS:

*This document must be applied to the second sheet of all future submittals except for final plats. This is a preliminary plan and as such no permits have been issued with this approval. To obtain permits and/or completion of the project, the following steps are required:*

**SITE PERMITTING REVIEW** - For land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. Site Permitting Review may be submitted upon receipt of this signed approval document.

**The following items are required prior to approval of Site Permitting Review plans:**

### Stormwater

1. A surety equal to of the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).

**LEGAL DOCUMENTS** - Email to legaldocumentreview@raleighnc.gov. Legal documents must be approved, executed, and recorded prior to or in conjunction with the recorded plat on which the associated easements are shown. Copies of recorded documents must be returned to the City within one business day of recording to avoid withholding of further permit issuance.

<input checked="" type="checkbox"/>	Right of Way Deed of Easement Required
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<input checked="" type="checkbox"/>	Utility Placement Deed of Easement Required
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**RECORDED MAP(S)** - Submit plat to record new property lines, easements, tree conservation areas, etc.). Plats may be submitted for review when the Site Permitting Review plans, if required, have been deemed ready for mylar signature.

**The following items must be approved prior to recording the plat:**

### Engineering



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1. A 5' utility placement easement deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)
2. A public street right-of-way deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)

**BUILDING PERMITS** - For buildings and structures shown on the approved plans. Commercial building permit plans must include the signed, approved Site Permitting Review plans attached, if applicable. Permit sets may be reviewed prior to the recordation of required plats, but cannot be approved.

***The following items must be approved prior to the issuance of building permits:***

## General

1. A demolition permit shall be obtained.

## Engineering

2. A fee-in-lieu for 1' width of sidewalk along the Global Street frontage shall be paid to the City of Raleigh (UDO 8.1.10).

## Public Utilities

3. A plat must be recorded at the Wake County Register of Deeds office for all utility easement dedications.

## Urban Forestry

4. A public infrastructure surety for 20 street trees shall be provided to City of Raleigh Transportation – Development Engineering Division (UDO 8.1.3) in the amount of 100% of the improvement cost for 8 street trees along the NCDOT portion and 125% of the improvement cost for 12 street trees along the City of Raleigh portion of infrastructure.



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5. A tree impact permit must be obtained for the approved streetscape tree installation in the right of way. This development proposes 8 street trees along N. New Hope Road and 12 street trees along Global Street for a total of 20 street trees to be planted.

**The following are required prior to issuance of building occupancy permit:**

**General**

1. All Water, Sanitary Sewer and Reuse facilities shall be installed, inspected, tested and accepted by the City of Raleigh Public Utilities Department for operations and maintenance.
2. Final inspection of all tree conservation areas and right of way street trees by Urban Forestry Staff

**Stormwater**

3. As-built impervious survey is accepted by the Engineering Services Department (UDO 9.2).

**EXPIRATION DATES:** The expiration provisions of UDO Section 10.2.8 E, including the ability to request extensions in the expiration date, apply to this site plan. If significant construction has not taken place on a project after administrative site review approval, that approval may expire and be declared void, requiring re-approval before permits may be issued. To avoid allowing this plan approval to expire the following must take place by the following dates:

**3-Year Expiration Date:** May 1, 2027

Obtain a valid building permit for the total area of the project, or a phase of the project.

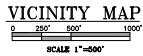
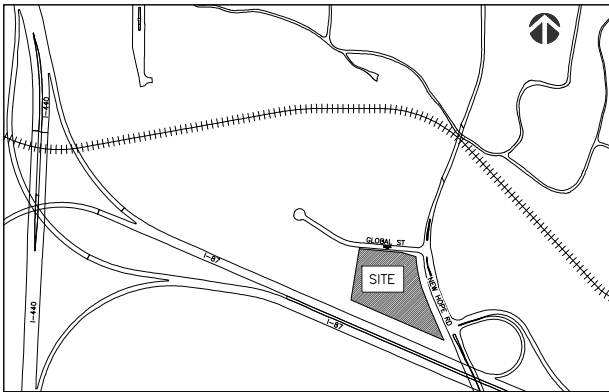
**4-Year Completion Date:**

Within four years after issuance of the first building permit for the site plan, the construction of the entire site plan must be completed unless an applicant has been granted vested rights. Failure to complete construction within this specified time frame shall automatically void the approved site plan for which no building permits have been issued.

I hereby certify this administrative decision.

Signed: \_\_\_\_\_ Date: 05/01/2024  
Development Services Dir/Designee

Staff Coordinator: Michael Walters



**SITE PLAN NOTES:**

1. TOPOGRAPHIC, PLANIMETRIC AND BOUNDARY INFORMATION ARE OBTAINED FROM A SURVEY FOR THIS PROJECT PROVIDED BY MARSHAL PAUL LAND SURVEYORS OF 2411 US 64 BUSINESS WEST, PITTSBORO, NC 27312; PHONE: (919) 545-7001; DATED: 07/07/2023.
2. THE RECEIVING WATER COURSE IS CRABTREE CREEK AND LIES IN NEUSE RIVER BASIN.
3. SUBJECT PARCEL LIES OUTSIDE OF WATER SUPPLY WATERSHED.
4. SURVEY PARCEL LIES OUTSIDE OF SPECIAL FLOOD HAZARD ZONE PER FIRM PANEL #3720172300K DATED 19 JULY 2022.
5. ALL MATERIALS AND CONSTRUCTION METHODS PER THE LATEST EDITION OF CITY OF RALEIGH SPECIFICATIONS AND DETAILS.

**CITY OF RALEIGH PROJECT NUMBER**  
**ADMINISTRATIVE SITE REVIEW**  
**CASE NUMBER: ASR-0068-2023**

**PROJECT LOCATION:**

THIS PROJECT IS LOCATED IN THE CITY OF RALEIGH, NORTH CAROLINA AT 4210 GLOBAL ST, RALEIGH, NC 27610.

**SITE DATA**

OWNER/STREET:	GREGORY POOLE EQUIPMENT CO P.O. BOX 469 RALEIGH, NC 27602
DESIGNER:	BOBBITT DESIGN-BUILD, INC ATTN: BLAIR PITTMAN, PE (24438) 600 GERMANTOWN ROAD RALEIGH, NC 27607 blpittman@bobbitt.com 919.851.1980
STREET/CITY:	4210 GLOBAL ST CITY OF RALEIGH
EMAIL ADDRESS/PHONE NUMBER:	4210 GLOBAL ST CITY OF RALEIGH
SITE ADDRESS/JURISDICTION:	1723-99-5042 7.78 ACRES EX. (7.75 AC AFTER DEDICATION) 2700 SF (TO BE REMOVED) BUILDING ADDITION AREA 15,100 SF DISTURBED AREA 122,366 SF (22.81 AC)
PLN:	IN-3
TOTAL SITE ACREAGE:	N/A
DISTURBED AREA:	YES
INSIDE CITY LIMIT:	OSHLAY
PRIMARY STREET:	SOUTH NEW HOPE ROAD
EXISTING USE:	OUTDOOR STORAGE/HEAVY EQUIPMENT
PROPOSED BUILDING USE:	EQUIPMENT RENTAL, REPAIR AND STORAGE
WATERSHED:	NEUSE RIVER
BUILDING SETBACKS:	FRONT/STREET 10 FT FRONT/FRONT 3 FT SIDE 6 FT REAR 6 FT
PARKING SETBACKS:	FRONT/STREET 10 FT SIDE 3 FT REAR 3 FT
IMPERVIOUS AREA:	EXISTING IMPERVIOUS AREA (TOTAL PARCEL)- 1179,100 SF (24.11 AC)
TOTAL IMPERVIOUS AREA REMOVED:	115,100 SF
NEW IMPERVIOUS AREA:	115,100 SF
PROPOSED IMPERVIOUS AREA:	1179,700 SF (24.10 AC)
CHANGE IN IMPERVIOUS AREA:	-400 SF
REQUIRED PARKING:	5 SPS (INCLUDING 1 HC ACCESSIBLE)
EXISTING PARKING:	31 SPS (INCLUDING 2 HC ACCESSIBLE)
PROPOSED PARKING:	31 SPS (INCLUDING 2 HC ACCESSIBLE)
(FOR VEHICLE SALES, RENTAL OR SERVICE USE NO MIN. OR MAX. PARKING IS REQUIRED)	
BIKE PARKING REQUIRED:	NONE
AMENITY AREA:	33,730 SF/0.773 AC
REQUIRED (EXC OF SITE):	33,800 SF/0.775 AC
*CALCULATION BASED OFF OF POST RIGOR OF WAY DEDICATION PROPERTY AREA	



**BLOCK PERIMETER NOTE:**

THE PROJECT IS EXEMPT FROM THE BLOCK PERIMETER REQUIREMENT BECAUSE THE SITE TO BE DEVELOPED IS BELOW THE MINIMUM APPLICABLE SITE AREA ESTABLISHED IN THE TABLE FOUND IN SEC. 8.1.2.2.a.2.b. MINIMUM APPLICABLE SITE AREA FOR R-1 ZONING = 9 ACRES TOTAL SITE AREA = 7.75 AC

**CROSS-ACCESS NOTE:**

CROSS-ACCESS REQUIREMENTS AS DESCRIBED IN UDO SEC. 8.3.5.D ARE NOT APPLICABLE TO THIS PROJECT DUE TO THE FOLLOWING CONDITIONS:  
 1. THE CREATION OF THE CROSS-ACCESS DRIVEWAY IS OBSTRUCTED BY THE FOLLOWING: STEEP SLOPES IN EXCESS OF 25% WITHIN 10 FEET OF THE PROPERTY LINE. (UDO SEC. 8.3.5.D.1.a.ii)

SEE EXISTING CONDITIONS, COL.1, AND THE GRADING PLAN C3.0 FOR STEEP SLOPES OF ADJACENT PROPERTY ON WEST. FURTHER, 30' WIDE CITY OF RALEIGH GAS LINE EASEMENT IS EXISTING ON WEST SIDE OF THE PARCEL.

**TRAFFIC IMPACT ANALYSIS: NOT REQUIRED**

PER THE CITY OF RALEIGH STREET DESIGN MANUAL ARTICLE 7.1.3(A) THE PROPOSED PROJECT DOES NOT MEET THE LAND USE REQUIREMENTS REQUIRING A TRAFFIC IMPACT ANALYSIS

GLOBAL STREET IS CONSIDERED A 2-WAY ROAD WITHOUT STREET PARKING. PER THE CITY OF RALEIGH STREET DESIGN MANUAL ARTICLE 7.1.3(B) THE PROPOSED PROJECT DOES NOT EXCEED 100 VEH/HOUR PEAK HOUR TRIPS OR 3000 VEH/DAY

**TREE CONSERVATION AREA NOTE:**

TREE CONSERVATION AREA IS RECORDED ON PLAT MAP BM2007 PC2665 (SEE SHEET BM) THE RECORDED AREA = 20,343 SF (8%)

**STORMWATER QUANTITY AND QUALITY NOTE:**

THIS PROJECT HAS EXISTING STORMWATER CONTROL DEVICE PREVIOUSLY APPROVED FOR EXISTING CONDITION. THERE IS NO INCREASE IN IMPERVIOUS AREA TO THIS PARCEL FROM THIS DEVELOPMENT, AND THIS PROJECT IS EXEMPT FROM THE CITY OF RALEIGH STORM WATER MANAGEMENT REQUIREMENTS PER C.O.R. UDO SECTIONS 9.2.2.A(3), a & 9.2.2.A(3), b AND SEC 10.3.4.E

**SOLID WASTE REMOVAL:**

SOLID WASTE COLLECTION TO BE BY PRIVATE CONTRACTOR.

**Administrative Site Review Application**  
 Planning and Development Customer Service Center • One Exchange Place, Suite 402 • Raleigh, NC 27601 • 919-996-2300

This form is required when submitting site plans as referenced in Unified Development Ordinance (UDO) Section 10.2.8. Please check the appropriate building types and include the plan checklist document when submitting.

Office Use Only: Case #: \_\_\_\_\_ Planner (print): \_\_\_\_\_

Please review UDO Section 10.2.8 to determine the site plan tier. If assistance determining a Site Plan Tier is needed a Site Plan Tier Verification request can be submitted online via the [Permit and Development Portal](#). (Note: There is a fee for this verification service.)

Site Plan Tier:	<input type="checkbox"/> Tier Two Site Plan	<input checked="" type="checkbox"/> Tier Three Site Plan
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Building and Development Type (Check all that apply)	Site Transaction History
<input type="checkbox"/> Detached <input type="checkbox"/> Attached <input type="checkbox"/> Townhouse <input type="checkbox"/> Apartment <input type="checkbox"/> Triplex <input type="checkbox"/> Open lot	<input type="checkbox"/> General <input type="checkbox"/> Mixed use <input type="checkbox"/> Civic <input type="checkbox"/> Cottage Court <input type="checkbox"/> Frequent Transit <input type="checkbox"/> Development Option
Subdivision case #: _____ Scoping/schematic plan case #: _____ Certificate of Appropriateness #: _____ Board of Adjustment #: _____ Zoning Case #: _____ Zoning Alternative #: _____	

Development name: GREGORY POOLE RENTAL STORE  
 Inside City limits? Yes  No   
 Property address(es): 4210 GLOBAL ST, RALEIGH, NC 27610  
 Site P.I.N(s): 1723-99-5062

Please describe the scope of work. Include any additions, expansions, and uses (UDO 6.1.4).  
 NEW 15,000 SF EQUIPMENT RENTAL, REPAIR AND STORAGE BUILDING WITH ASSOCIATED DRIVEWAY, PARKING, LOADING/UNLOADING AREA, TREE CONSERVATION AND AMENITY AREAS.

Current Property Owner(s):  
 Gregory Poole Equipment Co. | Title: PAUL EBERHART, VICE PRESIDENT  
 Address: P.O. BOX 469, RALEIGH, NC 27602  
 Phone #: 919-990-4337 | Email: eberhart@gregpoole.com

Applicant Name (if different from owner. See "who can apply" in instructions):  
 Relationship to owner:  Lessee or contract purchaser  Owner's authorized agent  Easement holder

Company: BOBBITT CONSTRUCTION INC | Address: 600 GERMANTOWN RD, RALEIGH, NC 27607

Page 1 of 3 REVISION 1.0.10  
raleighnc.gov

Phone #: 919-851-1980 | Email: bplittman@bobbitt.com  
 NOTE: please attach purchase agreement or contract, lease or easement when submitting this form.  
 Developer Contact:  
 Company: GREGORY POOLE EQUIPMENT CO. | Title: PAUL EBERHART, VICE PRESIDENT  
 Address: P.O. BOX 469, RALEIGH, NC 27602  
 Phone #: 919-990-4337 | Email: eberhart@gregpoole.com

Applicant Name: BLAIR PITTMAN  
 Company: BOBBITT CONSTRUCTION INC | Address: 600 GERMANTOWN RD, RALEIGH, NC 27607  
 Phone #: 919-851-1980 | Email: bplittman@bobbitt.com

DEVELOPMENT TYPE • SITE DATA TABLE (Applicable to all developments)	
SITE DATA	BUILDING DATA
Zoning district(s) (please provide the acreage of each): I2-3	Existing gross floor area (not to be demolished): 0
Gross site acreage: 7.75 AC (after R/W dedication)	Existing gross floor area to be demolished: 700 SF
# of parking spaces proposed: 31	New gross floor area: 15,100 SF
Max # parking permitted (7.12.C) NO MAX.	Total # of gross (to remain and new): 15,100 SF
Overlay District (if applicable): N/A	Proposed # of buildings: 1
Existing use (UDO 6.1.4): OUTDOOR STORAGE	Proposed # of stories for each: 1
Proposed use (UDO 6.1.4): Eqp. rental, repair & stls	Proposed # of basement levels (UDO 13.7.A.6.0)

STORMWATER INFORMATION	
Impervious Area on Parcel(s): Existing (sf) 179,100 Proposed total (sf) 178,700	Impervious Area for Compliance (includes ROW) Existing (sf) 187,300 Proposed total (sf) 186,900

RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS	
Total # of dwelling units: # of bedrooms: 1br 2br 3br	Total # of hotel bedrooms: 4br or more
# of lots: Is your project a cottage court? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is a request transit development? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Continue to Applicant Signature Block on Page Three.

**APPLICANT SIGNATURE BLOCK**

Pursuant to state law (N.C. Gen. Stat. § 160D-40(a)), application for development approvals may be made by the landowner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An assessment fee may also apply for development approval for each development as is authorized by the assessment.

By submitting this application, the undersigned applicant acknowledges that, pursuant to state law (N.C.G.S. 143-755(b)), if this permit application is placed on hold at the request of the applicant for a period of six consecutive months or more, or if the applicant fails to respond to comments or provide additional information requested by the City for a period of six consecutive months or more, then the application review is discontinued and a new application is required to proceed and the development regulations in effect at the time permit processing is resumed shall apply to the new application.

Signature: \_\_\_\_\_ (Printed Name: BLAIR PITTMAN, PE) Date: 13 OCTOBER 2023

**INDEX OF SHEETS**

SHEET NUMBER	DESCRIPTION
C0.0	COVER
BM	BM2007 PC2665
C0.1	EXISTING CONDITIONS
C0.2	DEMOLITION PLAN
C1.0	STAKING PLAN
C1.1	WASTE COLLECTION ACCESS PLAN
C1.2	FIRE TRUCK ACCESS PLAN
62-0	EROSION & SEDIMENT CONTROL PLAN-PHASE-I (RESERVED)
62-1	EROSION & SEDIMENT CONTROL PLAN-PHASE-II (RESERVED)
62-2	NPDES-NOTES (RESERVED)
62-3	NPDES-NOTES (RESERVED)
62-4	NPDES-NOTES (RESERVED)
C3.0	GRADING PLAN
C4.0	UTILITY PLAN
C5.0	PLANTING PLAN
67-0	DETAILS (RESERVED)
C7.1	DETAILS
C7.2	DETAILS
SA-1	FLOOR PLAN FOR RALEIGH UDO
SA-1	ELEVATIONS FOR RALEIGH UDO

**PUBLIC IMPROVEMENT QUANTITY TABLE**

NUMBER OF LOT (S)	1
LOT NUMBER (S) BY PHASE	0
NUMBER OF UNITS	0
LIVABLE BUILDINGS	0
OUTDOOR AMENITY AREA	10% (PROPOSED)
TREE CONSERVATION AREA	8% (EXISTING)
PUBLIC WATER (LF)	0
PUBLIC SENER (LF)	0
PUBLIC STREET (LF) - FULL	0
PUBLIC STREET (LF) - PARTIAL	0
PUBLIC SIDEWALK (LF) - FULL	0
PUBLIC SIDEWALK (LF) - PARTIAL	0
1" FEE IN LEU	±1420 LF
STREET SIGNS (LF)	0
WATER SERVICE STUBS	0 (1 EXISTING)
SEWER SERVICE STUBS	0 (2 EXISTING)

**CALL BEFORE YOU DIG!**  
 NORTH CAROLINA LAW REQUIRES THAT YOU CALL BEFORE EVERY DIG TO LOCATE UTILITIES. IF YOU DO NOT, YOU MAY BE FINED.  
 REQUEST TO NC 811  
 811.org  
 32-4949  
 North Carolina One-Call Center, Inc.

**REVISIONS**

No.	DATE	DESCRIPTION	REV. BY
▲	02/06/24	CITY OF RALEIGH SUBMITTAL #8 COMMENTS	MM
▲	3/20/24	REV PER CDR/RALEIGH REVIEW COMMENTS	Bpp
▲			
▲			

**GREGORY POOLE RENTAL STORE**  
**ADMINISTRATIVE SITE REVIEW**

**APPROVED FOR PERMITTING**  
 NOT FOR CONSTRUCTION

think. design. build.

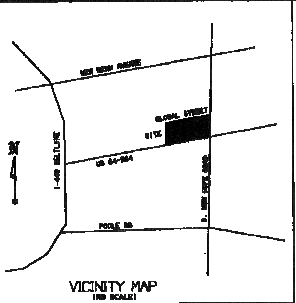
**BOBBITT**  
 BOBBITT DESIGN-BUILD, INC  
 600 GERMANTOWN ROAD  
 RALEIGH, NORTH CAROLINA 27607  
 919.851.1980  
 www.bobbitt.com

COORDINATOR: Blip Pittman  
 DRAWN BY: N. WALFORD  
 CHA BY: BPP

**GREGORY POOLE RENTAL STORE**  
 4210 GLOBAL ST  
 RALEIGH, NC 27610

24 X 36  
 13 OCTOBER 2023  
 23-0189  
 COVER  
**C0.0**





ORTH CAROLINA, WAKE COUNTY  
I, NIAL GILLESPIE, P.L.S., CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED SURVEYOR IN THE STATE OF NORTH CAROLINA.

This certificate of accuracy that the information upon which this plat is based is true and correct to the best of my knowledge and belief, and that I am a duly licensed surveyor in the State of North Carolina.

Signature of Niall Gillespie, P.L.S.  
Niall Gillespie  
P.L.S.

Signature of Gregory Poole  
Gregory Poole  
P.L.S.

Signature of Mitchell Davis  
Mitchell Davis  
P.L.S.

ALL DIMENSIONS SHOWN ARE MEASUREMENTS OF THE EXISTING CONDITIONS. THE DIMENSIONS OF THE PROPOSED IMPROVEMENTS SHALL BE AS SHOWN ON THIS PLAN.



THIS PROPERTY DOES NOT CONTAIN ANY FLOOD HAZARD AREAS DESIGNATED BY FEMA 570045 428 J dated May 2, 2008.

Table with columns: LINE, BEARING, DISTANCE, CORNER, BEARING, DISTANCE, BEARING, DISTANCE, BEARING, DISTANCE.

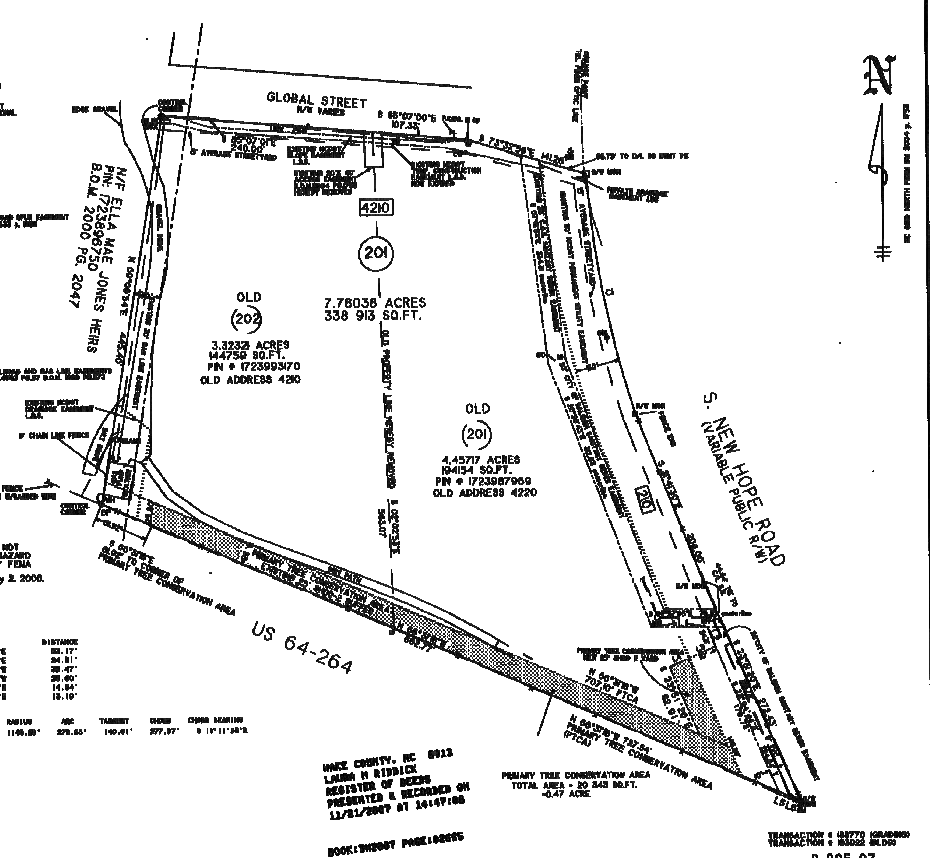
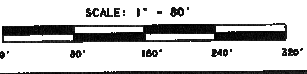


Table with columns: REVISIONS, TOWNSHIP, COUNTY, SURVEY DATE, SURVEYED BY, EPARK201, ET.J., STATE, SCALE, DRAWN BY, FILE, ZONE, P.L.N., CHECKED & CLOSURE BY.



APPROVED FOR PERMITTING NOT FOR CONSTRUCTION

Table with columns: NO., DATE, DESCRIPTION, REV. BY.

BM2007 PG 2665

BOBBITT logo, GREGORY POOLE RENTAL STORE, 4210 GOBAL ST, RALEIGH, NC 27610, BOBBITT logo, COORDINATOR: Glen Pittman, DRAWN BY: N. WADSWANE, CHK BY: BPP, 24 X 36, 13 OCTOBER 2023, 23-0189, BM 2007 PG 2665, BM logo.

DATE PLOTTED: 02/06/2024 09:51:11 AM



COORDINATOR:  
Blair Pittman

DRAWN BY:  
A. Nysudenne

CHK BY: BPP

GREGORY POOLE RENTAL STORE  
4210 GLOBAL ST  
RALEIGH, NC 27610

24 X 36  
1" = 40'

13 OCTOBER 2023

23-0189

EXISTING  
CONDITIONS

C0.1

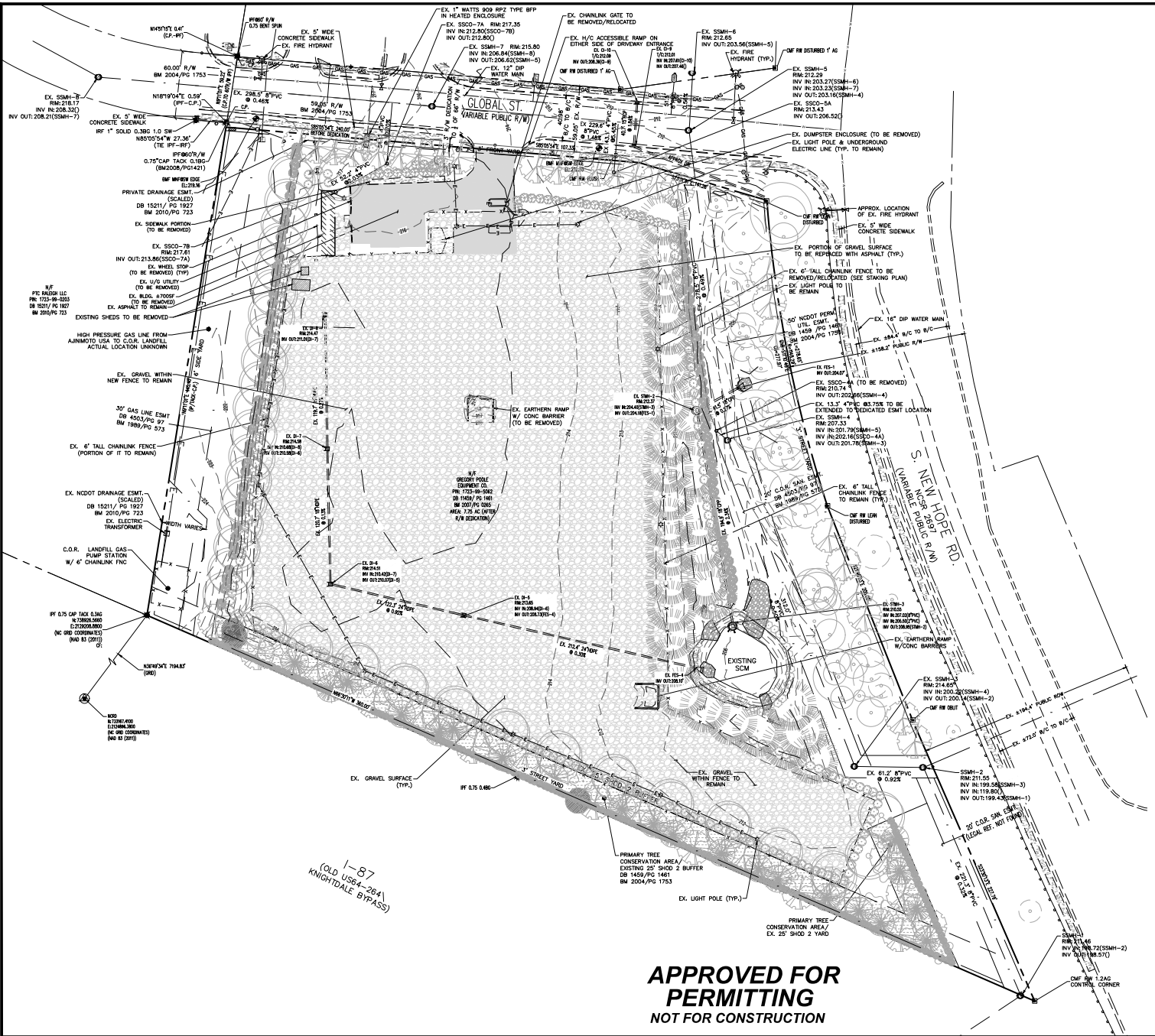
- SITE PLAN NOTES:**
1. TOPOGRAPHIC, PLANNETRIC AND BOUNDARY INFORMATION ARE OBTAINED FROM A SURVEY FOR THIS PROJECT PROVIDED BY MERRIAN, PLLC LAND SURVEYORS OF 2411 US 64 BUSINESS WEST, PITTSBORO, NC 27312; PHONE: (919) 542-7201; DATED: 07/07/2023.
  2. THE RECEIVING WATER COURSE IS GRABTREE CREEK AND LIES IN NEUSE RIVER BASIN.
  3. SUBJECT PARCEL LIES OUTSIDE OF WATER SUPPLY WATERSHED.
  4. SUBJECT PARCEL LIES OUTSIDE OF SPECIAL FLOOD HAZARD ZONE PER FIRM PANEL #37201723004 DATED 19 JULY 2022.
  5. ALL MATERIALS AND CONSTRUCTION METHODS PER THE LATEST EDITION OF CITY OF RALEIGH SPECIFICATIONS AND DETAILS.

**SYMBOL/LEGEND**

	EXISTING GRAVEL SURFACE
	EXISTING ASPHALT SURFACE
	EXISTING CONCRETE SURFACE

**SYMBOL/LEGEND**

	EXISTING SAN. SEWER CLEANOUT
	WATER METER
	BACKFLOW PREVENTER
	WATER VALVE
	LIGHT POLE
	PROPERTY LINE
	ADJOINING PROPERTY LINE
	EX. EASEMENT LINE
	EX. U/O ELECTRIC LINE
	EX. SANITARY SEWER LINE
	EX. STORM SEWER
	EX. WATER LINE

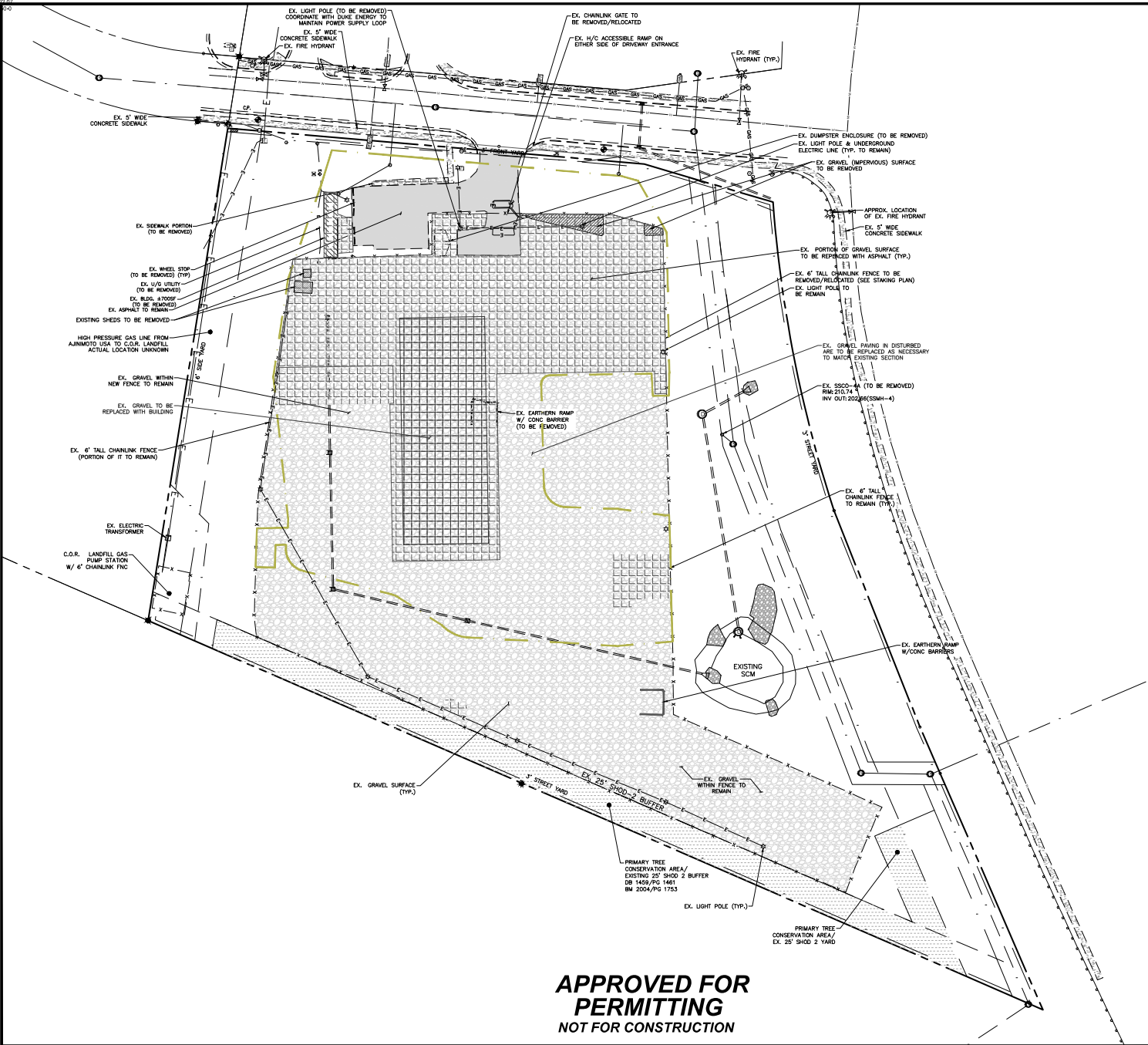


**APPROVED FOR PERMITTING**  
NOT FOR CONSTRUCTION

**REVISIONS**

No.	DATE	DESCRIPTION	REV. BY
1	02/06/24	CITY OF RALEIGH SUBMITTAL COMMENTS	MM

revised  
this  
document,  
2024/04/24  
07:30



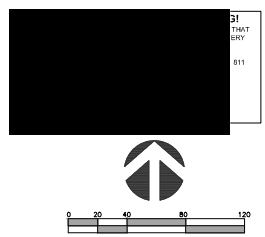
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**SYMBOL/LEGEND**

	IMPERVIOUS TO BE DEMOLISHED
	GRAVEL REMOVED FOR BUILDING
	EXISTING GRAVEL SURFACE
	EXISTING ASPHALT SURFACE TO REMAIN
	EXISTING CONCRETE SURFACE
	CONSTRUCTION LIMIT

**SYMBOL/LEGEND**

SAN. SEWER CLEANOUT	EXISTING	PROPOSED
WATER METER		
BACKFLOW PREVENTER		
WATER VALVE		
FIRE HYDRANT		
LIGHT POLE		
PROPERTY LINE		
ADJOINING PROPERTY LINE		
EX. EASEMENT LINE		
EX. U/G ELECTRIC LINE		
EX. SANITARY SEWER LINE		
NEW SANITARY SEWER LINE		
EX. STORM SEWER		
NEW STORM DRAIN LINE		
EX. WATER LINE		
NEW WATER LINE		



**APPROVED FOR PERMITTING**  
**NOT FOR CONSTRUCTION**

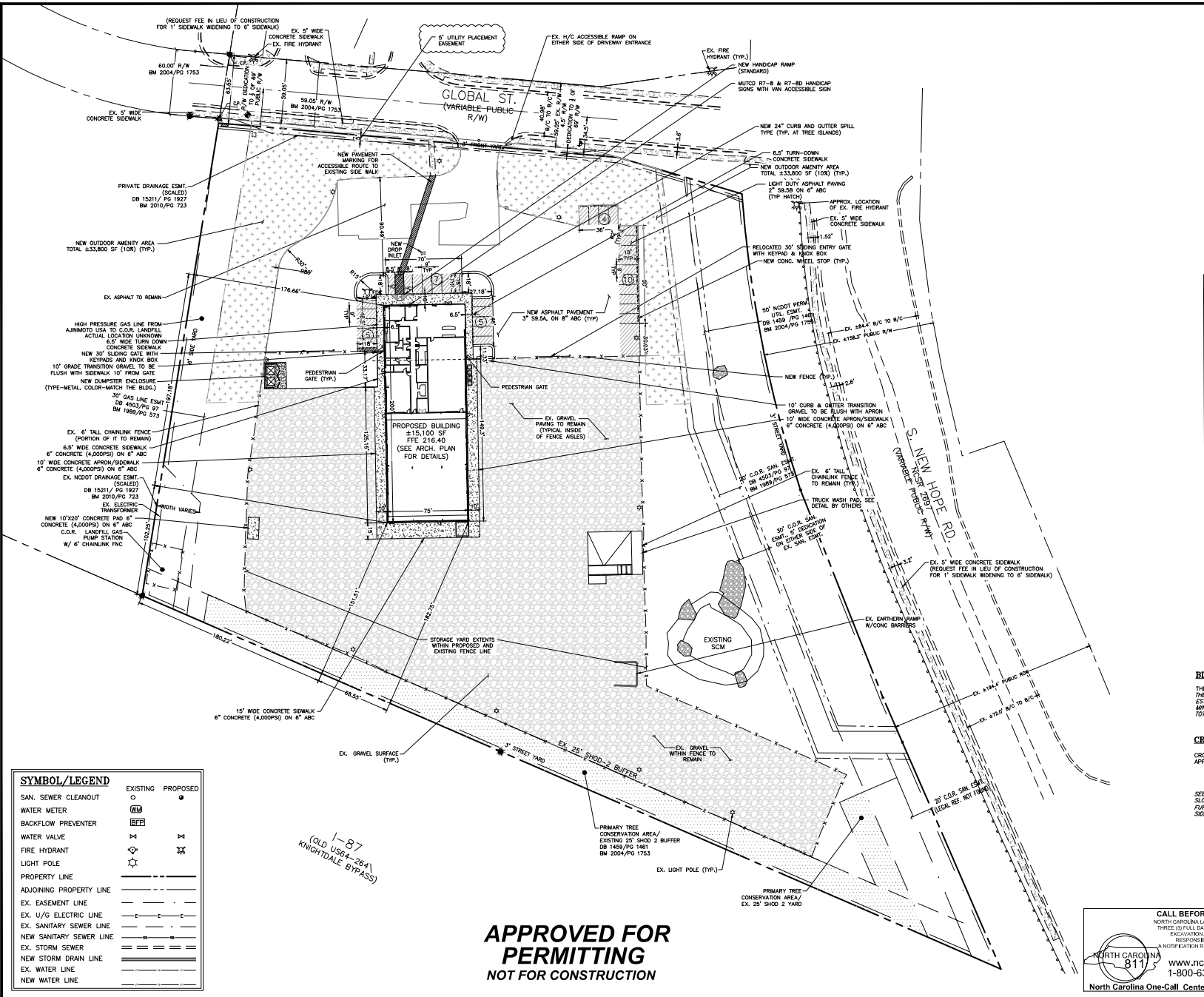
**REVISIONS**

No.	DATE	DESCRIPTION	REV. BY
1	02/06/24	CITY OF RALEIGH SUBMITTAL COMMENTS	MM

COORDINATOR: Blair Pittman  
 DRAWN BY: A. Nysudenne  
 CHK BY: BPP

**GREGORY POOLE RENTAL STORE**  
 4210 GOBAL ST  
 RALEIGH, NC 27610

24 X 36  
 1" = 40'  
 13 OCTOBER 2023  
 23-0189  
 DEMOLITION PLAN  
**C0.2**



**SITE PLAN NOTES:**

1. TOPOGRAPHIC, PLANNIMETRIC AND BOUNDARY INFORMATION ARE OBTAINED FROM A SURVEY FOR THIS PROJECT PROVIDED BY MESTAL, PLIC LAND SURVEYORS OF 2411 US 64 BUSINESS WEST, PITTSBORO, NC 27312. PHONE: (919) 545-7001; DATED: 07/07/2023.
2. THE RECEIVING WATER COURSE IS CRAWFEE CREEK AND LIES IN NEUSE RIVER BASIN.
3. SUBJECT PARCEL LIES OUTSIDE OF WATER SUPPLY WATERSHED.
4. SUBJECT PARCEL LIES OUTSIDE OF SPECIAL FLOOD HAZARD ZONE PER FIRM PANEL #372017200K DATED 19 JULY 2022.
5. ALL MATERIALS AND CONSTRUCTION METHODS PER THE LATEST EDITION OF CITY OF RALEIGH SPECIFICATIONS AND DETAILS.

**GENERAL NOTES: STAKING PLAN**

1. NO FREE STANDING SIGNS ARE PROPOSED AS PART OF THE DESIGN.
2. CONSTRUCTION SHALL SECURE ALL NECESSARY PERMITS FOR CONSTRUCTION SHOWN ON THESE PLANS.
3. ALL DIMENSIONS AND STAKING POINT LOCATIONS ARE OUTER FACE OF BUILDING, EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. ANY WORK SHOWN ON THESE PLANS THAT IS FOUND TO BE IN CONFLICT WITH LOCAL ZONING SETBACK REQUIREMENTS SHALL BE IMMEDIATELY REPORTED TO THE CIVIL ENGINEER FOR ADJUSTMENT.
5. LOCATIONS FOR EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL UTILITY LOCATOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
6. CONTRACTOR SHALL AT ALL TIMES MAINTAIN ADEQUATE SAFETY MEASURES, SITE ACTIVITIES, AND BARRICADES FOR THE PROTECTION OF ALL PERSONS ON OR ABOUT THE LOCATION OF THE SITE.
7. CONSTRUCTION SHALL MAINTAIN SIGNS AND CONSTRUCT NECESSARY RAMPS, AS PER THE NORTH CAROLINA STATE BUILDING CODE.

**SITE DATA**

OWNER:	GREGORY POOLE EQUIPMENT CO P.O. BOX 489 RALEIGH, NC 27602
DESIGNER:	BOBBITT DESIGN-BUILD, INC ATTN: BLAIR PITTMAN, P.E. (24438) 600 GERRARDSON ROAD RALEIGH, NC 27607 505.970.8831 505.970.8831
STREET:	2707
EMAIL ADDRESS:	505.970.8831
PHONE NUMBER:	919.851.1980
SITE ADDRESS:	4210 GOBAL ST. CITY OF RALEIGH
JURISDICTION:	
PIN:	1723-99-5062
TOTAL SITE ACREAGE:	7.73 ACRES EX. (2.75 AC AFTER DEDICATION)
EXISTING BUILDING AREA:	2,700 SF (TO BE REMOVED)
BUILDING ADDITION AREA:	15,100 SF
DISTURBED AREA:	112,268 SF (42.81 AC)
ZONING:	O-3
FRONTAGE TYPE:	N/A
JURISDICTION:	CITY OF RALEIGH
ASIDE CITY LIMIT:	YES/NO-2
CHURN:	YES/NO
PRIMARY STREET:	SOUTH NEW HOPE ROAD
EXISTING USE:	OUTDOOR STORAGE/HEAVY EQUIPMENT
PROPOSED BUILDING USE:	EQUIPMENT RENTAL, REPAIR AND STORAGE
WATERSHED:	NEUSE RIVER
BUILDING SETBACKS:	FRONT/FRONT 3 FT SIDE 6 FT REAR 6 FT
PARKING SETBACKS:	FRONT/STREET 10 FT SIDE 3 FT REAR 3 FT
IMPERVIOUS AREA:	
EXISTING IMPERVIOUS AREA (TOTAL PARCEL):	1170,100 SF (41.11 AC)
TOTAL IMPERVIOUS AREA REMOVED:	456,741 SF
NEW BUILDING AREA:	15,100 SF
NEW ASPHALT PAVED AREA:	140,241 SF
PROPOSED IMPERVIOUS AREA:	1174,700 SF (44.10 AC)
CHANGE IN IMPERVIOUS AREA:	+400 SF
REQUIRED PARKING:	5 SPS (INCLUDING 1 HC ACCESSIBLE)
EXISTING PARKING:	31 SPS (INCLUDING 2 HC ACCESSIBLE)
PROPOSED PARKING:	31 SPS (INCLUDING 2 HC ACCESSIBLE)
(FOR VEHICLE SALES/RENTAL OR SERVICE USE NO MIN. OR MAX. PARKING IS REQUIRED)	
HC PARKING REQUIRED:	NONE
IMPERVIOUS AREA:	
REQUIRED (10% OF SITE):	33,730 SF/0.773 AC
PROPOSED:	33,800 SF/0.775 AC
*CALCULATION BASED OFF OF POST RIGHT OF WAY DEDICATION PROPERTY AREA	

**BLOCK PERIMETER NOTE:**

THE PROJECT IS EXEMPT FROM THE BLOCK PERIMETER REQUIREMENT BECAUSE THE SITE TO BE DEVELOPED IS BELOW THE MINIMUM APPLICABLE SITE AREA ESTABLISHED IN THE TABLE FOLLOING IN SEC. 8.3.3.2.B.2. MINIMUM APPLICABLE SITE AREA FOR IN ZONING = 9 ACRES TOTAL SITE AREA = 7.73 AC

**CROSS-ACCESS NOTE:**

CROSS-ACCESS REQUIREMENTS AS DESCRIBED IN LUDO SEC. 8.3.3.5.D ARE NOT APPLICABLE TO THIS PROJECT DUE TO THE FOLLOWING CONDITIONS:  
 1. THE CREATION OF THE CROSS-ACCESS DRIVEWAY IS OBSTRUCTED BY THE FOLLOWING STEEP SLOPES IN EXCESS OF 25% WITHIN 10 FEET OF THE PROPERTY LINE. (LUDO SEC. 8.3.3.5.D.1.)  
 SEE EXISTING CONDITIONS, CO.1, AND THE GRADING PLAN CLO FOR STEEP SLOPES OF ADJACENT PROPERTY ON WEST.  
 FURTHER, 10' WIDE CITY OF RALEIGH GAS LINE EASEMENT IS EXISTING ON WEST SIDE OF THE PARCEL.

**SYMBOL/LEGEND**

EXISTING	PROPOSED
SAN. SEWER CLEANOUT	○
WATER METER	⊕
BACKFLOW PREVENTER	⊕
WATER VALVE	⊕
FIRE HYDRANT	⊕
LIGHT POLE	⊕
PROPERTY LINE	---
ADJOINING PROPERTY LINE	---
EX. EASEMENT LINE	---
EX. U/G ELECTRIC LINE	---
EX. SANITARY SEWER LINE	---
NEW SANITARY SEWER LINE	---
EX. STORM SEWER	---
NEW STORM DRAIN LINE	---
EX. WATER LINE	---
NEW WATER LINE	---

**APPROVED FOR PERMITTING**  
 NOT FOR CONSTRUCTION

CALL BEFORE YOU DIG!  
 NORTH CAROLINA LAW REQUIRES THAT EXCAVATION, THE PERSON RESPONSIBLE FOR A NOTIFICATION REQUEST TO NC 811

www.nc811.org  
 1-800-632-4949

North Carolina One-Call Center, Inc.

**REVISIONS**

NO.	DATE	DESCRIPTION	REV. BY
1	02/06/24	CITY OF RALEIGH SUBMITTAL #1 COMMENTS	MM
2	3/20/24	ADJUSTIVITY PLACEMENT	BPP
3			
4			

**BOBBITT**

COORDINATOR: Blair Pittman  
 DRAWN BY: K. Nye/BOBBITT  
 CHK BY: BPP

**GREGORY POOLE RENTAL STORE**  
 4210 GOBAL ST  
 RALEIGH, NC 27610

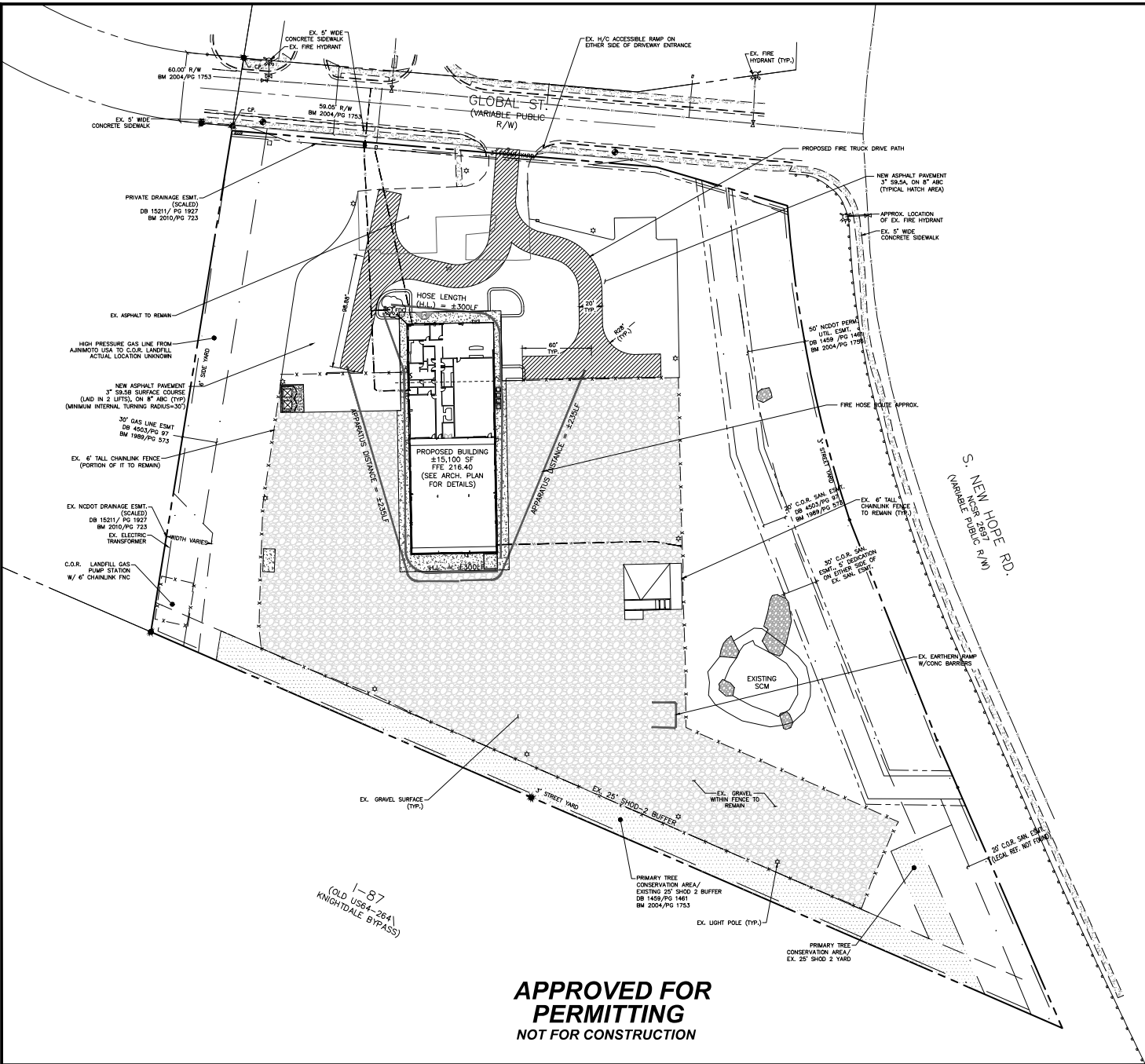
24 X 36  
 1" = 40'

13 OCTOBER 2023  
 23-0189

STAKING PLAN  
**C1.0**







**SITE PLAN NOTES:**

1. TOPOGRAPHIC, PLANNING AND BOUNDARY INFORMATION ARE OBTAINED FROM A SURVEY FOR THIS PROJECT PROVIDED BY MERRILL, PLIC LAND SURVEYORS OF 2411 US 64 BUSINESS WEST, PITTSBORO, NC 27312. PHONE: (919) 545-7001; DATED: 07/07/2023.
2. THE RECEIVING WATER COURSE IS CRAWTREE CREEK AND LIES IN NEUSE RIVER BASIN.
3. SUBJECT PARCEL LIES OUTSIDE OF WATER SUPPLY WATERSHED.
4. SUBJECT PARCEL LIES OUTSIDE OF SPECIAL FLOOD HAZARD ZONE PER FIRM PANEL #372017200K DATED 19 JULY 2022.
5. ALL MATERIALS AND CONSTRUCTION METHODS PER THE LATEST EDITION OF CITY OF RALEIGH SPECIFICATIONS AND DETAILS.

**GENERAL NOTES: STAKING PLAN**

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2. ALL DIMENSIONS AND STAKING POINT LOCATIONS ARE OUTER FACE OF BUILDING, EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3. ANY WORK SHOWN ON THESE PLANS THAT IS FOUND TO BE IN CONFLICT WITH LOCAL ZONING SETBACK REQUIREMENTS SHALL BE IMMEDIATELY REPORTED TO THE OIL ENGINEER FOR ADJUSTMENT.
4. LOCATIONS FOR EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL UTILITY LOCATOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
5. CONTRACTOR SHALL AT ALL TIMES MAINTAIN ADEQUATE SAFETY MEASURES, ACTIVITIES, AND BARRICADES FOR THE PROTECTION OF ALL PERSONS ON OR ABOUT THE LOCATION OF THE SITE.
6. CONTRACTOR SHALL INSTALL SIGNS AND CONSTRUCT NECESSARY RAMPS, AS PER THE NORTH CAROLINA STATE BUILDING CODE.
7. SEE SHEET C01. EXISTING CONDITION FOR THE LOCATION OF EXISTING LANDSCAPING TREES.

SYMBOL/LEGEND		EXISTING	PROPOSED
SAN. SEWER CLEANOUT		○	●
WATER METER		⊕	⊕
BACKFLOW PREVENTER		⊕	⊕
WATER VALVE		⊕	⊕
FIRE HYDRANT		⊕	⊕
LIGHT POLE		⊕	⊕
PROPERTY LINE		---	---
ADJOINING PROPERTY LINE		---	---
EX. EASEMENT LINE		---	---
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NEW SANITARY SEWER LINE		---	---
EX. STORM SEWER		---	---
NEW STORM SEWER		---	---
EX. WATER LINE		---	---
NEW WATER LINE		---	---

BOBBITT  
 600 Blair Avenue, Raleigh, NC 27607  
 (919) 845-5500  
 www.bobbitt.com

COORDINATOR:  
 Blair Pittman  
 DRAWN BY:  
 K. Nye/BBP  
 CHK BY: BBP

**GREGORY POOLE RENTAL STORE**  
 4210 GLOBAL ST  
 RALEIGH, NC 27610

24 X 36  
 1" = 40'  
 13 OCTOBER 2023  
 23-0189  
 FIRE TRUCK ACCESS PLAN  
**C1.2**

**APPROVED FOR PERMITTING**  
 NOT FOR CONSTRUCTION

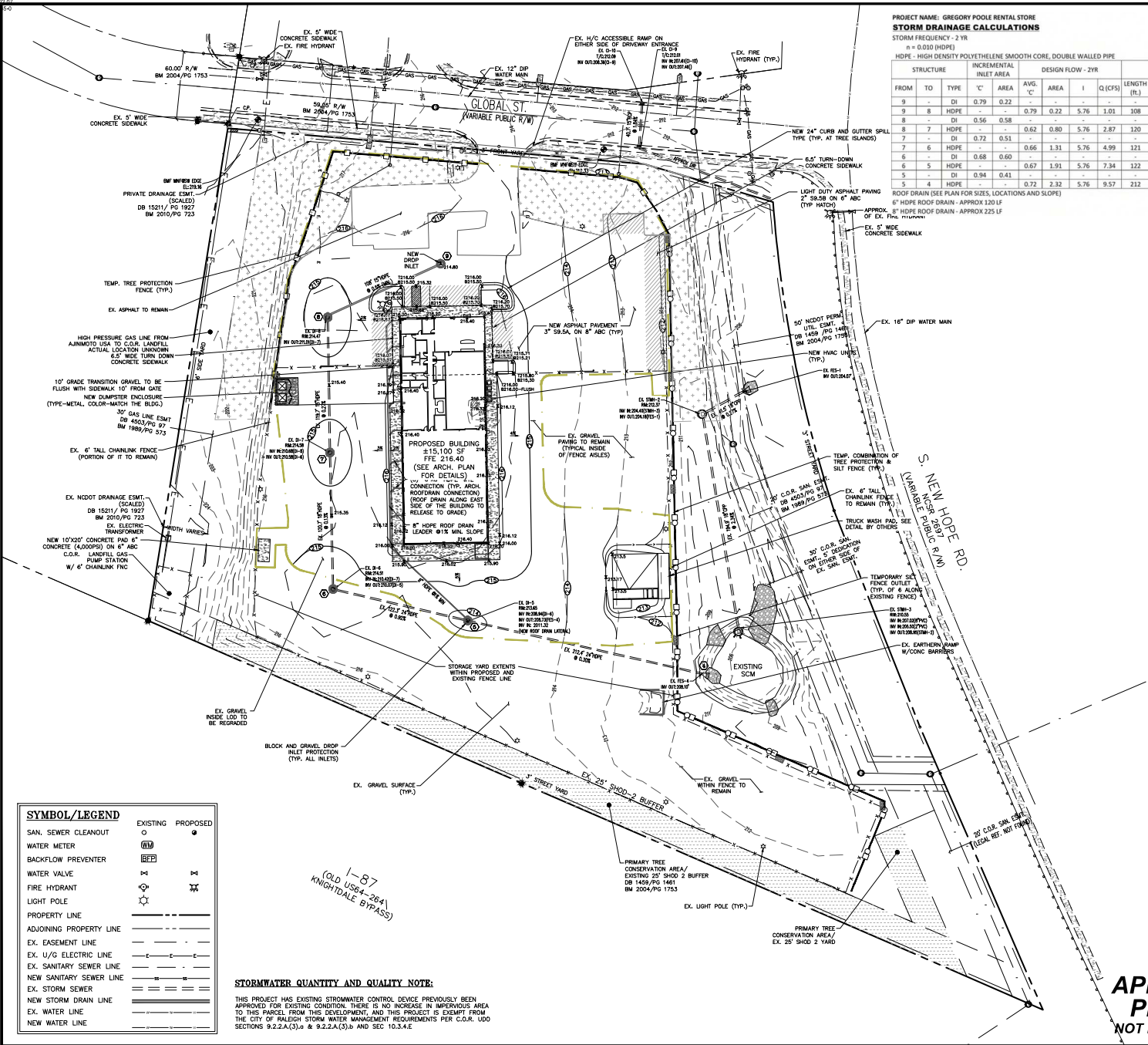
CALL BEFORE YOU DIG!  
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NORTH CAROLINA 811  
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 1-800-632-4949  
 North Carolina One-Call Center, Inc.

REVISIONS			
NO.	DATE	DESCRIPTION	REV. BY
▲	02/06/24	CITY OF RALEIGH SUBMITTAL #1 COMMENTS	MM
▲	3/20/24	REV. PER C.O. RALEIGH COMMENTS	BBP
▲			
▲			

1-87  
 (OLD USE#-264)  
 KNIGHTDALE BYPASS

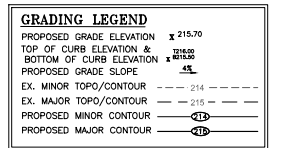
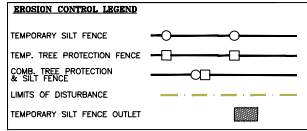
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2024/04/24  
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**PROJECT NAME: GREGORY POOLE RENTAL STORE**  
**STORM DRAINAGE CALCULATIONS**

STORM FREQUENCY - 2 YR  
n = 0.010 (HDPE)

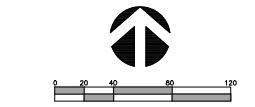
STRUCTURE	INCREMENTAL INLET AREA	DESIGN FLOW - 2YR		DI - DROP INLET		STORM SEWER DESIGN		STORM PIPE INVERTS		GRATE ELEV.	HEADWATER	COMMENTS						
		AREA	Q (CFS)	LENGTH (FT)	DIA. (in.)	SLOPE (%)	DEPTH OF FLOW (ft)	VELOCITY (ft/s)	CAPACITY FUL (CFS)				INV. IN	INV. OUT				
9	-	0.79	0.22	-	-	-	-	-	-	214.80	0.64	2.60	NEW DROP INLET					
9	8	HDPE	-	0.79	0.22	5.76	1.01	108	15	0.46	0.35	3.52	5.73	211.70	211.20	-		
8	-	DI	0.56	0.58	-	-	-	-	-	-	-	-	-	214.47	1.08	2.96	EX DROP INLET	
8	7	HDPE	-	0.72	0.51	0.62	0.80	5.76	2.87	120	15	0.28	0.73	3.83	4.42	211.01	210.68	-
7	-	DI	0.68	0.60	-	-	-	-	-	-	-	-	-	214.58	1.47	3.50	EX DROP INLET	
7	6	HDPE	-	0.66	1.31	5.76	4.99	121	18	0.13	1.23	3.22	4.99	210.58	210.42	-		
6	-	DI	0.68	0.60	-	-	-	-	-	-	-	-	-	214.51	2.03	3.94	EX DROP INLET	
6	5	HDPE	-	0.67	1.91	5.76	7.34	122	24	0.92	0.69	7.57	28.34	210.07	208.94	-		
5	-	DI	0.94	0.41	-	-	-	-	-	-	-	-	-	213.68	1.77	4.45	EX FES	
5	4	HDPE	-	0.72	2.32	5.76	9.57	212	24	0.30	1.11	5.33	16.06	208.73	208.10	-		



- SITE PLAN NOTES:**
1. TOPOGRAPHIC, PLANIMETRIC AND BOUNDARY INFORMATION ARE OBTAINED FROM A SURVEY FOR THIS PROJECT PROVIDED BY MARSHAL, PLIC LAND SURVEYORS OF 2411 US 64 BUSINESS WEST, PITTSBORO, NC 27312; PHONE: (919) 545-7001; DATED 07/07/2023.
  2. THE RECEIVING WATER COURSE IS CRAWTEE CREEK AND LIES IN NEUSE RIVER BASIN.
  3. SUBJECT PARCEL LIES OUTSIDE OF WATER SUPPLY WATERSHED.
  4. SUBJECT PARCEL LIES OUTSIDE OF SPECIAL FLOOD HAZARD ZONE PER FIRM PANEL #3720172300K DATED 19 JULY 2022.
  5. ALL MATERIALS AND CONSTRUCTION METHODS PER THE LATEST EDITION OF CITY OF RALEIGH SPECIFICATIONS AND DETAILS.

- GENERAL NOTES: GRADING PLAN**
1. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR CONSTRUCTION SHOWN ON THESE PLANS.
  2. CONTRACTOR SHALL AT ALL TIMES MAINTAIN ADEQUATE SAFETY MEASURES, ACTIVITIES, AND BARRICADES FOR THE PROTECTION OF ALL PERSONS ON OR ABOUT THE LOCATION OF THE SITE.
  3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES. SPECIAL CARE SHOULD BE TAKEN WHILE WORKING WITH EXISTING UNDERGROUND ELECTRIC LINES, UNDERGROUND WATER AND SEWER LINES.
  4. GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION AND IS SUBJECT TO A FINE.
  5. TREE PROTECTION FENCING MUST BE IN PLACE PRIOR TO ANY LAND DISTURBANCE AND SHALL INCLUDE WARNING SIGNS POSTED IN BOTH ENGLISH AND SPANISH AS FOLLOWS: NO TRESPASSING, TREE PROTECTION AREA / PROHIBIDO ENTRAR / ZONA PROTECTORA PARA LOS ARBOLES.
  6. GRADING BEYOND THE GRADING LIMITS INDICATED ON CONSTRUCTION DOCUMENTS IS A VIOLATION AND IS SUBJECT TO A FINE.
  7. ALL EXISTING UTILITIES AND STORM STRUCTURES ARE SHOWN PER SURVEY DATA AND ARE APPROXIMATE. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY ACTUAL LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND SHALL CALL UTILITY LOCATOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES.
  8. ALL SIDEWALKS, STAIRS, TERRACES AND OTHER PAVED AREAS SHALL SLOPE AWAY FROM BUILDING(S) AT 2% (MIN).
  9. FIELD VERIFY THE LOCATION OF THE EXISTING WATER LINES FOR FIRE HYDRANT SHOWN ON THIS MAP. MAKE SURE THE PIPE IS BURIED TO REQUIRED DEPTH AFTER EXCAVATION, IF REQUIRED.
  10. ALL AREAS NOT COVERED WITH PAVING, GRAVEL, BUILDING OR PLANTING BEDS SHALL BE SEEDED AS SHOWN IN THE SEEDBED PREPARATION AND SEEDING SCHEDULE NOTES.
  11. ALL CONSTRUCTION MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF RALEIGH ENGINEERING SPECIFICATIONS AND STANDARD DRAWINGS.

**CALL BEFORE YOU DIG!**  
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**REVISIONS**

No.	DATE	DESCRIPTION	REV. BY
▲	02/06/24	CITY OF RALEIGH SUBMITTAL COMMENTS	MM
▲			
▲			

**SYMBOL/LEGEND**

	EXISTING	PROPOSED
SAN. SEWER CLEANOUT	○	●
WATER METER	○	●
BACKFLOW PREVENTER	⊞	⊞
WATER VALVE	⊞	⊞
FIRE HYDRANT	⊞	⊞
LIGHT POLE	⊞	⊞
PROPERTY LINE	---	---
ADJOINING PROPERTY LINE	---	---
EX. EASEMENT LINE	---	---
EX. U/O ELECTRIC LINE	---	---
EX. SANITARY SEWER LINE	---	---
NEW SANITARY SEWER LINE	---	---
EX. STORM SEWER	---	---
NEW STORM DRAIN LINE	---	---
EX. WATER LINE	---	---
NEW WATER LINE	---	---

**STORMWATER QUANTITY AND QUALITY NOTE:**  
THIS PROJECT HAS EXISTING STORMWATER CONTROL DEVICE PREVIOUSLY BEEN APPROVED FOR EXISTING CONDITIONS. THERE IS NO INCREASE IN IMPERVIOUS AREA TO THIS PARCEL FROM THIS DEVELOPMENT AND THIS PROJECT IS EXEMPT FROM THE CITY OF RALEIGH STORM WATER MANAGEMENT REQUIREMENTS PER C.O.R. UDO SECTIONS 9.2.2.A.(3)-6 & 9.2.2.A.(3)-8 AND SEC. 10.3.A.4.E

**APPROVED FOR PERMITTING**  
NOT FOR CONSTRUCTION

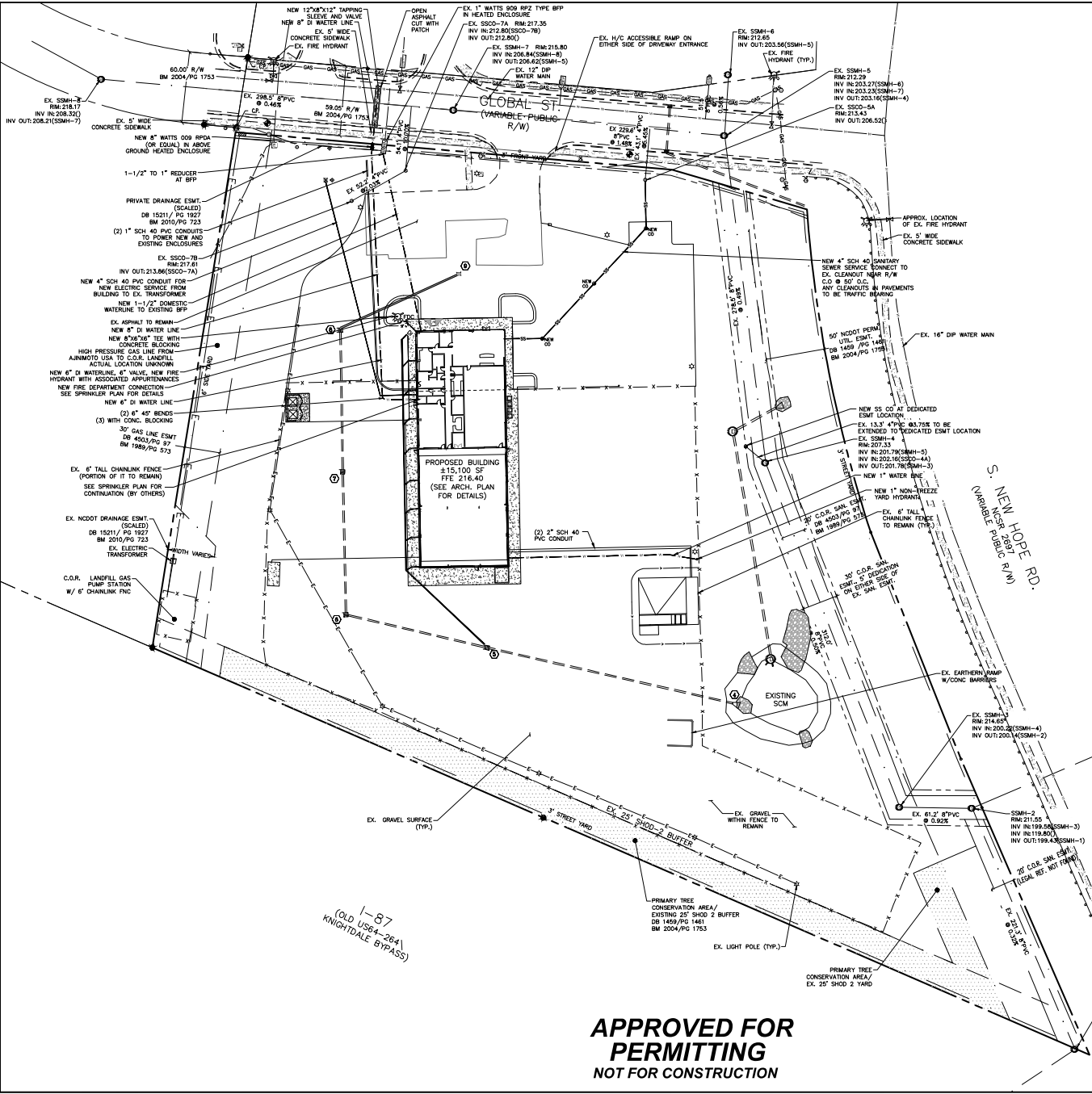
**BOBBITT**  
COORDINATOR: Blair Pittman  
DRAWN BY: K. Nye/Johnson  
CHK BY: BPP

**GREGORY POOLE RENTAL STORE**  
4210 GLOBAL ST  
RALEIGH, NC 27610

24 x 36  
1" = 40'

13 OCTOBER 2023  
23-0189

GRADING PLAN  
**C3.0**



**GENERAL NOTES: UTILITY PLAN**

- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RALEIGH AND THE STATE OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL HAVE NORTH CAROLINA ONE CALL (1-800-552-8848) LOCATE ALL EXISTING UTILITIES AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF THE ELECTRIC, WATER, GAS, AND TELEPHONE SERVICES WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL PROVIDE CONDUITS AS REQUIRED FOR THESE UTILITIES UNDER PAVEMENT AREAS.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF THE CONDUITS NECESSARY FOR THE IRRIGATION SYSTEM, SITE LIGHTING, AND STORAGE.
- THIS PLAN IS DIAGNOSTIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY ENGINEERED. THE CONTRACTOR SHALL COORDINATE FOR THE ACTUAL AND PROPOSED LOCATION OF UTILITIES TO AVOID CONFLICTS.
- REFER TO SHEET, NO. C7.0 THROUGH C7.2 FOR SITE CONSTRUCTION DETAILS.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF THE WATER AND SEWER SERVICE TO THE BUILDING WITH THE BUILDING PLUMBING CONTRACTOR AND THE BUILDING PLANS. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- HVAC UNITS ARE ASSUMED TO BE MOUNTED ON ROOFTOP.
- ALL CONSTRUCTION MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF RALEIGH ENGINEERING SPECIFICATIONS AND STANDARD DRAWINGS.
- SEE SHEET C01 EXISTING CONDITION FOR THE LOCATION OF EXISTING LANDSCAPING TREES.

**SYMBOL/LEGEND**

SYMBOL/LEGEND	EXISTING	PROPOSED
SAN. SEWER CLEANOUT	○	●
WATER METER	⊗	⊗
BACKFLOW PREVENTER	⊗	⊗
WATER VALVE	⊗	⊗
FIRE HYDRANT	⊗	⊗
LIGHT POLE	⊗	⊗
PROPERTY LINE	—	—
ADJOINING PROPERTY LINE	—	—
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NEW SANITARY SEWER LINE	—	—
EX. STORM SEWER	—	—
NEW STORM DRAIN LINE	—	—
EX. WATER LINE	—	—
NEW WATER LINE	—	—

**STANDARD CITY OF RALEIGH UTILITY NOTES:**

- ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CONDO HANDBOOK, CURRENT EDITION).
- UTILITY SEPARATION REQUIREMENTS:
  - A DISTANCE OF 100 SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPROVED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADOPTED LATERAL SEPARATION CANNOT BE ACHIEVED, FERROUS SANITARY SEWER PIPE SHALL BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS. HOWEVER, THE MINIMUM SEPARATION SHALL NOT BE LESS THAN 25 FROM A PRIVATE WELL OR 50 FROM A PUBLIC WELL.
  - WHEN INSTALLING WATER &/OR SEWER MAINS, THE HORIZONTAL SEPARATION BETWEEN UTILITIES SHALL BE 10". IF THIS SEPARATION CANNOT BE MAINTAINED DUE TO EXISTING CONDITIONS, THE VARIATION ALLOWED IS THE WATER MAIN IN A SEPARATE TRENCH WITH THE ELEVATION OF THE WATER MAIN AT LEAST 18 ABOVE THE TOP OF THE SEWER & MUST BE APPROVED BY THE PUBLIC UTILITIES DIRECTOR. ALL DISTANCES ARE MEASURED FROM OUTSIDE DIAMETER TO OUTSIDE DIAMETER.
  - WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANTING A SANITARY SEWER PASSES OVER A WATERMAIN, DIP MATERIALS OR STEEL ENGAGEMENT EXTENDED TO ON EACH SIDE OF CROSSING MUST BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS.
  - 5.0 MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER.
  - MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & STORM DRAIN CROSSINGS. MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & STORM DRAIN CROSSINGS. WHERE ADEQUATE SEPARATIONS CANNOT BE ACHIEVED, SPECIFY DIP MATERIALS & A CONCRETE GRADE HAVING 6" MIN. CLEARANCE (FOR CONCRETE DETAILS W-1 & S-4).
  - ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
- ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PRIOR TO CONSTRUCTION.
- DEVELOPER SHALL MAINTAIN 30 DAYS ADVANCE WRITTEN NOTICE TO OWNER FOR ANY WORK REQUIRED WITHIN AN EXISTING CITY OF RALEIGH UTILITY EASEMENT TRAVELING PRIVATE PROPERTY.
- CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT. ANY NECESSARY SERVICE INTERRUPTIONS SHALL BE PRECEDED BY A 24-HOUR ADVANCE NOTICE TO THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT.
- 3.0 MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCE MAINS. 4.0 MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO ABANDON OR REMOVE EXISTING WATER & SEWER SERVICES NOT BEING USED IN REDEVELOPMENT OF A SITE UNLESS OTHERWISE DIRECTED BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT. THIS INCLUDES ABANDONING TAP AT MAIN & REMOVAL OF SERVICE FROM ROW OR EASEMENT PER CONDO HANDBOOK PROCEDURE.
- INSTALL 1" COPPER WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2' X 2' WATERLINE EASEMENT IMMEDIATELY ADJACENT. NOTE: IT IS THE APPLICANT'S RESPONSIBILITY TO PROPERLY SIZE THE WATER SERVICE FOR EACH CONNECTION TO PROVIDE ADEQUATE FLOW & PRESSURE.
- INSTALL 4" PVC SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 FEET LINEAR FEET MAXIMUM.
- PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCEEDING 80 PSI BACKFLOW VALVES ARE REQUIRED ON ALL SANITARY SEWER SERVICES HAVING BUILDING DRAINS LOWER THAN 1.0' ABOVE THE NEXT UPSTREAM MANHOLE.
- ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM NCEM, LISC&E &/OR FEMA FOR ANY RIPARIAN BUFFER, WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
- NEEDY 7' RADIUS DRAINAGE AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
- DRAINAGE INTERCEPTOR / OR WATER SEPARATION USING CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE APPROVED BY THE RW FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A UG AND/OR BUILDING PERMIT. CONTACT (919) 986-4518 OR FOG@RALPHIGH.ORG FOR MORE INFORMATION.
- CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX-B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA.
- THE DEVICES SHALL MEET AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARDS AND BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA IN RALEIGH SERVICE AREA.
- THE DEVICE AND INSTALLATION SHALL MEET THE GUIDELINES OF APPENDIX A - GUIDELINES AND REQUIREMENTS FOR THE CROSS CONNECTION PROGRAM IN RALEIGH SERVICE AREA.
- THE DEVICES SHALL BE INSTALLED AND TESTED (BOTH INITIAL AND PERIODIC TESTING THEREAFTER) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE LOCAL CROSS-CONNECTION CONTROL PROGRAM, WHOEVER IS MORE STRINGENT. CONTACT CROSSCONNECTION@RALPHIGH.ORG FOR MORE INFORMATION.
- NOTICE FOR PROJECTS WITH REPLACED OR OVERSIZED MAINS: IF THE CITY'S REIMBURSEMENT FOR AN OVERSIZED MAIN OR URBAN MAIN REPLACEMENT PROJECT IS \$250,000 OR GREATER, THE PROJECT MUST BE PUBLICLY BID.

BOBBITT  
 8000 Glenwood Road | Raleigh, North Carolina 27617  
 (919) 876-2222 | www.bobbitt.com

COORDINATOR:  
 Bill Pittman  
 DRAWN BY:  
 N. VASILEVIC  
 CHK BY: BPP

**GREGORY POOLE RENTAL STORE**  
 4210 GOBAL ST  
 RALEIGH, NC 27610

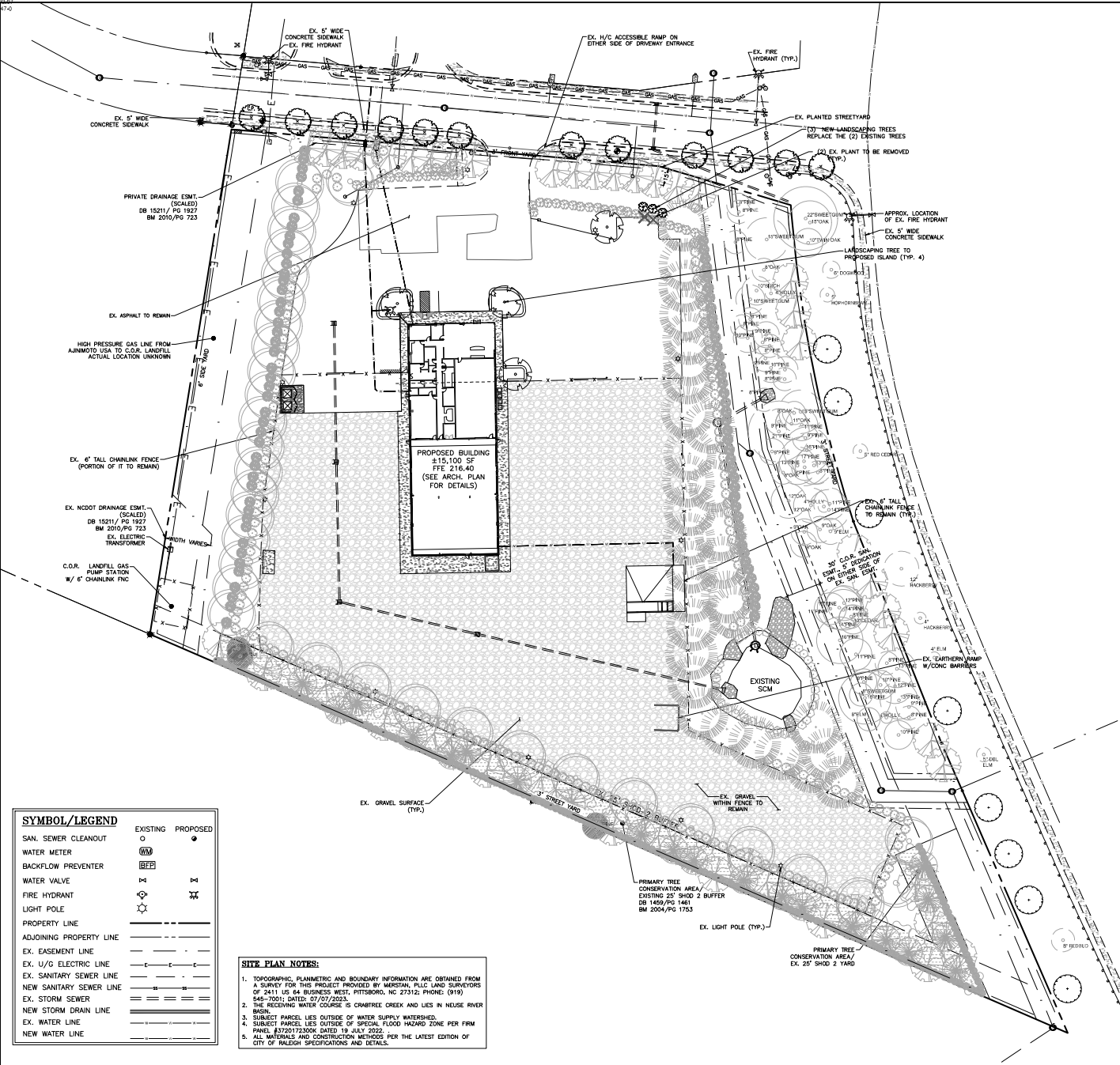
CALL BEFORE YOU DIG!  
 NORTH CAROLINA 811  
 www.nc811.org  
 1-800-632-4949  
 North Carolina One-Call Center, Inc.

No.	DATE	DESCRIPTION	REV. BY
▲	02/06/24	SUBMITTAL #1 COMMENTS	MM
▲	3/20/24	REV. PER PLUMBING PLANS	BPP

24 X 36  
 1" = 40'  
 13 OCTOBER 2023  
 23-0189  
**UTILITY PLAN**  
**C4.0**

**APPROVED FOR PERMITTING**  
NOT FOR CONSTRUCTION





- ### LANDSCAPE NOTES
- EXISTING LANDSCAPING PLANT/TREE ARE ON GOOD STANDING CONDITION AND FULLFILL THE LANDSCAPING REQUIREMENT. MINIMAL CHANGES TO EXISTING LANDSCAPING IS PROPOSED.
  - LANDSCAPING REQUIREMENTS FOR SHED-2 YARD ARE MET THROUGH EXISTING LANDSCAPING. EXISTING LANDSCAPE QUANTITIES/REQUIREMENTS FOR SHEDD TREES, SHRUBS, AND 9' REDWOODS HAVE BEEN MET WITH THE PROPOSED LANDSCAPE PLAN FROM APPROVED PLAN SET 'FREEDOM POOL - NEW HOPE' BY BOBBITT DESIGN BUILD, INC. DATED DEC. 18, 2007. THE SHED-2 REQUIREMENTS ARE UNCHANGED SINCE APPROVAL OF ABANDONED PLAN SET.
  - A NEW LANDSCAPING TREES NEEDS TO BE PLANTED ON LANDSCAPE ISLAND NEAR THE PROPOSED BUILDING AND 3 SHRUBS WILL BE PLANTED TO REPLACE THE EXISTING SHRUBS NEAR NORTHEAST CORNER.

- ### LANDSCAPE MAINTENANCE NOTES
- THE OWNERS OF THE PROPERTY AND THEIR AGENTS, HEIRS, OR ASSIGNS SHALL BE RESPONSIBLE FOR THE INSTALLATION, PRESERVATION AND MAINTENANCE OF ALL PLANTINGS AND PHYSICAL FEATURES SHOWN ON THIS PLAN. THE OWNERS SHALL BE RESPONSIBLE FOR ANNUAL MAINTENANCE OF THE VEGETATION TO INCLUDE BUT NOT LIMITED TO:
    - FERTILIZATION: LAWN: FERTILIZE TWICE PER YEAR (FEBRUARY 15-MARCH 15 AND AGAIN SEPTEMBER 1-OCTOBER 31) ACCORDING TO SOIL TEST. FERTILIZE MAIN SEASON GRASSES ONCE DURING GROWING SEASON PER SOIL TEST.
    - PRUNING: PRUNING SHALL BE LIMITED TO REMOVAL OF ALL DEAD WOOD OR BRANCHES FOR TREES OR FOR SHORT DISTANCES SAFETY REASONS. THE ANSI A300 STANDARDS SHOULD BE ADHERED TO. THE PRUNING OF SHRUBS SHALL BE LIMITED TO THE PRUNING NECESSARY TO MAINTAIN THE NATURAL SHAPE OF THE PLANT EXCEPT FOR SHEARED HEDGES.
    - PEST CONTROL: PRE-EMERGENT WEED CONTROL FOR LAWNS AND SHRUB BEDS SHOULD BE APPLIED IN FEBRUARY. CHEMICAL TREATMENT FOR INSECT INFESTATION AND DISEASE MAY BE APPLIED AND SHALL BE SPECIFIC TO THE PROBLEM.
    - MULCHING: MULCHING SHALL BE MAINTAINED AT A DEPTH OF 2"-3" IN PLANT BEDS. MULCH SHALL BE REAPPLIED ONCE A YEAR.
    - MOWING: LAWN AREAS SHALL BE MAINTAINED AT THE RECOMMENDED HEIGHT PER TYPE OF GRASS SPECIES CALLED OUT ON THE PLAN AND SHALL BE MOWED APPROXIMATELY 40 TIMES PER YEAR. SECONDARY TURF AREAS MAY BE MAINTAINED AT A HEIGHT OF 6" AND MOWED ONE YEAR IN SEPTEMBER.
    - PLANT PROTECTION: AVOID EXCESS INTRUSION INTO THE ROOT ZONE AREA OF ESTABLISHED PLANTINGS. WARNING: IF ANY PROTECTION SYSTEM IS UTILIZED, THE SYSTEM SHALL BE REGULATED TO PROVIDE APPROXIMATELY 1" OF RAINFALL PER WEEK DURING THE GROWING SEASON.
    - FAILURE TO MAINTAIN ALL PLANTINGS IN ACCORDANCE WITH THIS PLAN MAY CONSTITUTE A VIOLATION OF THE LAND DEVELOPMENT ORDINANCE AND MAY RESULT IN FINES.

### PLANT LEGEND

	ZELKOVA
	CARPINUS BETULUS
	NYSSA SYLVATICA
	LOROPETALUM

### PARKING LOT TREE COVERAGE (SEC 7.1.7)

PARKING LOT AREA: 8,200 SF  
(1 TREE/2000 SF MIN)

TREES:	REQ.	PROP.
	3	4

### PLANT LIST

SEQ.	BOTANICAL NAME	COMMON NAME	ROOT	CA./HT.	COMMENTS
<b>SHADE TREES:</b>					
4	ZELKOVA SEROTINA 'MUSASHINO'	MUSASHINO ZELKOVA	R&B	1" MIN / 10' MIN	PARKING LOT
12	CARPINUS BETULUS	EUROPEAN HORNBAM	B&B	3" MIN / 10' MIN	STREET TREES (GLOBAL ST)
8	NYSSA SYLVATICA	BLACK GUM	B&B	3" MIN / 10' MIN	STREET TREES (NEW HOPE)
<b>SHRUBS:</b>					
3	LOROPETALUM CHINESE VAR RUBRUM/BLUSH'	CHINESE WITCHAZEL	CONT	24" MIN.	MATCH EXISTING

ALL PLANT MATERIAL SHALL CONFORM W/ AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1

### TREE CONSERVATION AREA NOTE:

TREE CONSERVATION AREA IS RECORDED ON PLAT MAP BM2007 PG2665 (SEE SHEET BN)  
THE RECORDED AREA = 20,343 SF (6X)

### STREET TREE PLANTING

REQ'D # OF TREES (MAJOR & INDUSTRIAL) = 1 TREE PER 40'

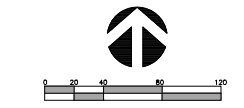
**INDUSTRIAL STREETS:**  
GLOBAL STREET REQUIRED = (490' / 40) = 12 (12.25)  
GLOBAL STREET PROVIDED = 12

**MAJOR STREETS:**  
NEW HOPE ROAD REQ'D = (757' / 40) = 18  
NEW HOPE ROAD PROP = 18 (10 EXISTING)

### SYMBOL/LEGEND

	EXISTING	PROPOSED
SAN. SEWER CLEANOUT		
WATER METER		
BACKFLOW PREVENTER		
WATER VALVE		
FIRE HYDRANT		
LIGHT POLE		
PROPERTY LINE		
ADJOINING PROPERTY LINE		
EX. EASEMENT LINE		
EX. U/G ELECTRIC LINE		
EX. SANITARY SEWER LINE		
EX. STORM SEWER		
EX. STORM DRAIN LINE		
EX. WATER LINE		
NEW WATER LINE		

- ### SITE PLAN NOTES:
- TOPOGRAPHIC, PLANIMETRIC AND BOUNDARY INFORMATION ARE OBTAINED FROM A SURVEY FOR THIS PROJECT PROVIDED BY MERSTAN, PLLC LAND SURVEYORS OF 2411 US 64 BUSINESS WEST, PITTSBORO, NC 27321; PHONE: (919) 548-7091; DATED: 07/07/2023.
  - THE RECEIVING WATER COURSE IS CHERRIE CREEK AND LIES IN NOLSE RIVER BASIN.
  - SUBJECT PARCEL LIES OUTSIDE OF WATER SUPPLY WATERSHED.
  - SUBJECT PARCEL LIES OUTSIDE OF SPECIAL FLOOD HAZARD ZONE PER FIRM PANEL 873017300M DATED 18 JULY 2022.
  - ALL MATERIALS AND CONSTRUCTION METHODS PER THE LATEST EDITION OF CITY OF RALEIGH SPECIFICATIONS AND DETAILS.



**CALL BEFORE YOU DIG!**  
NORTH CAROLINA LAW REQUIRES THAT THREE (3) BUSINESS DAYS BEFORE ANY EXCAVATION, THE PERSON RESPONSIBLE PLACES A NOTIFICATION REQUEST TO NC 811

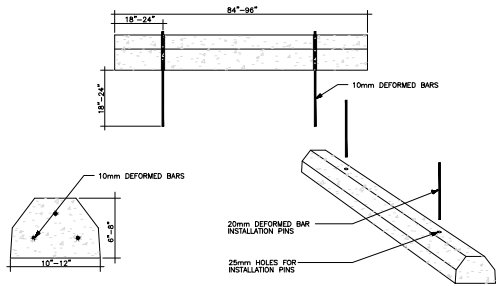
www.nc811.org  
1-800-632-4949  
North Carolina One-Call Center, Inc.

### REVISIONS

NO.	DATE	DESCRIPTION	REV. BY
1	02/06/24	SUBMITTAL #1 COMMENTS	MM

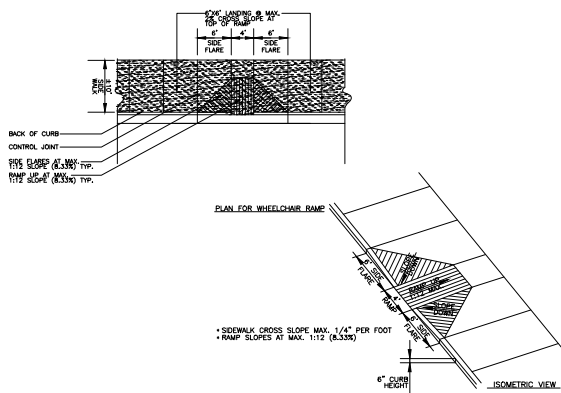
**APPROVED FOR PERMITTING**  
NOT FOR CONSTRUCTION

02/07/2024  
**BOBBITT**  
 BOBBITT DESIGN BUILD, INC. 10000 W. HARRIS ROAD, SUITE 200, RALEIGH, NC 27617  
 (919) 881-0225 | www.bobbitt.com  
 COORDINATOR: BRIT PETERSON  
 DRAWN BY: N. VANDERPE  
 CHK BY: BPP  
**GREGORY POOLE RENTAL STORE**  
 4210 GOBAL ST  
 RALEIGH, NC 27610  
 24 X 36  
 1" = 40'  
 13 OCTOBER 2023  
 23-0189  
**PLANTING PLAN**  
**C5.0**



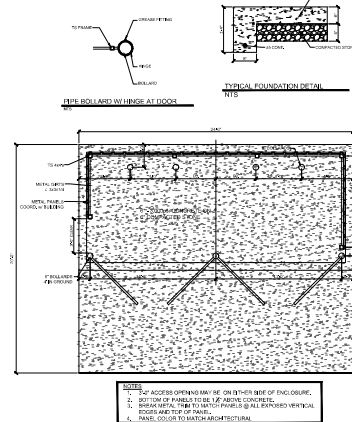
CONCRETE WHEEL STOP

N.T.S.



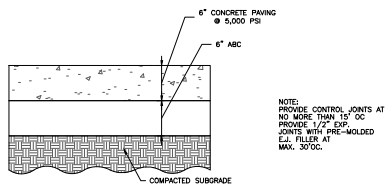
HANDICAP RAMP WITH CURB & SIDEWALK (STANDARD)

N.T.S.



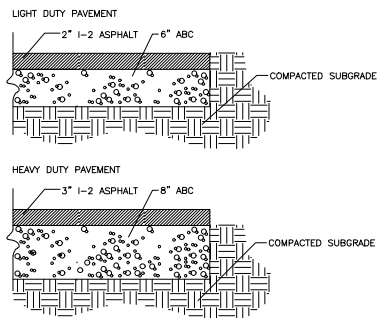
METAL CLAD DUMPSTER ENCLOSURE

N.T.S.



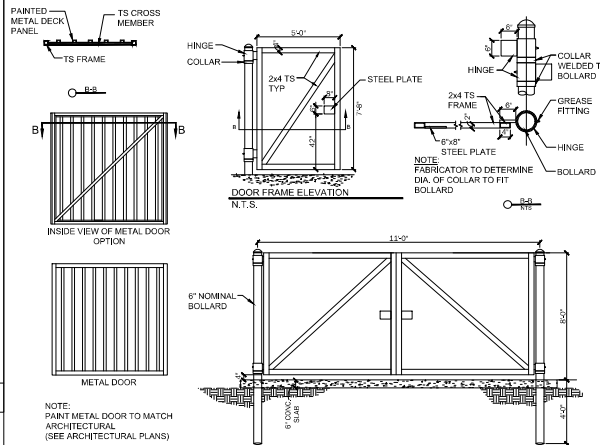
TYPICAL CONCRETE PAVEMENT SECTION

N.T.S.



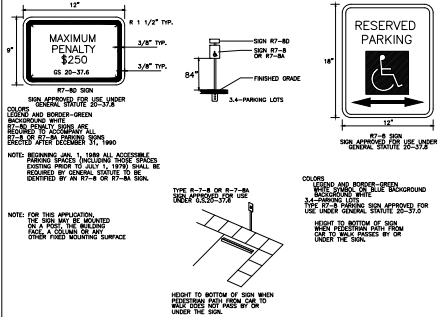
SECTIONS FOR PARKING PAVEMENTS

N.T.S.



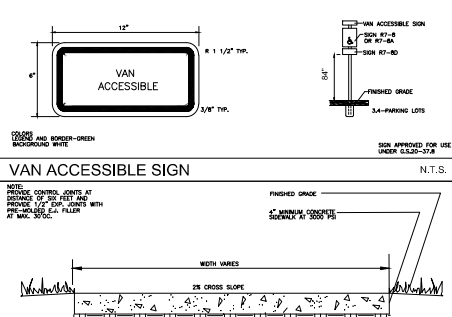
DUMPSTER DOOR

N.T.S.



R7-8 & R7-8D SIGNS

N.T.S.

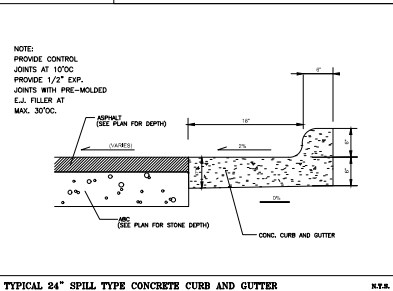


VAN ACCESSIBLE SIGN

N.T.S.

CONCRETE SIDEWALK

N.T.S.



TYPICAL 24" SPILL TYPE CONCRETE CURB AND GUTTER

N.T.S.

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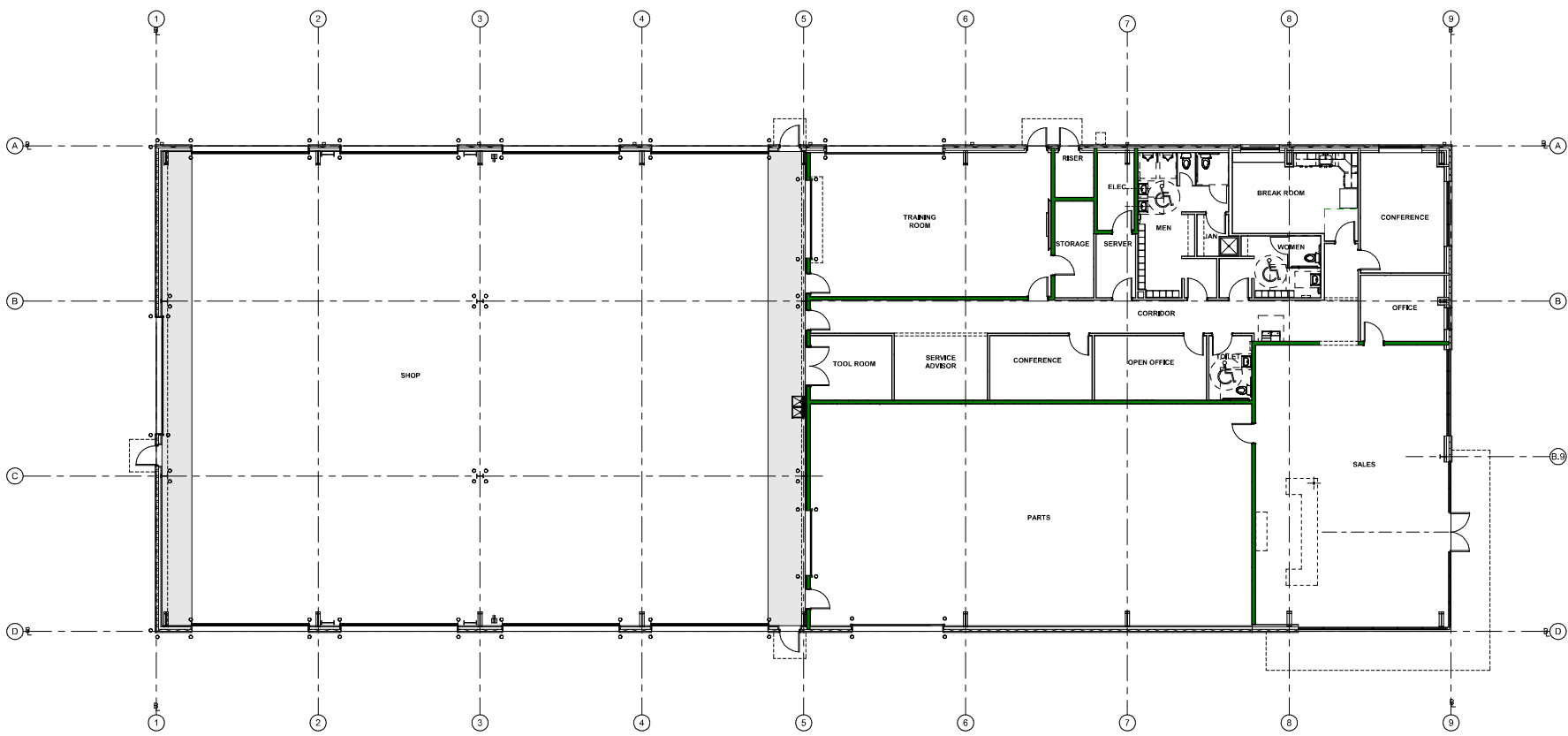
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REVISIONS			
No.	DATE	DESCRIPTION	REV. BY
1	02/06/24	CITY OF RALEIGH SUBMITTAL #1 COMMENTS	MM



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1 FLOOR PLAN FOR UDO SITE SUBMITTAL  
 1/8" = 1'-0"

**UDO COMPLIANCE FLOOR PLAN**  
**SEE A1.1 FOR CONSTRUCTION**

APPROVAL  
 DATE:

BOBBITT A&E, PLLC  
 400 Commonwealth Road  
 Raleigh, North Carolina 27607  
 Phone: (919) 851-1881 | Fax: (919) 851-1882  
 www.bobbittae.com

**BOBBITT**  
 ARCHITECTS

COORDINATOR:  
 JDF

DRAWN BY:  
 Author

CHK BY: Checker

**GREGORY POOLE RENTAL STORE**  
**GLOBAL STREET**  
**RALEIGH, NORTH CAROLINA**

24 X 36  
 1/8" = 1'-0"

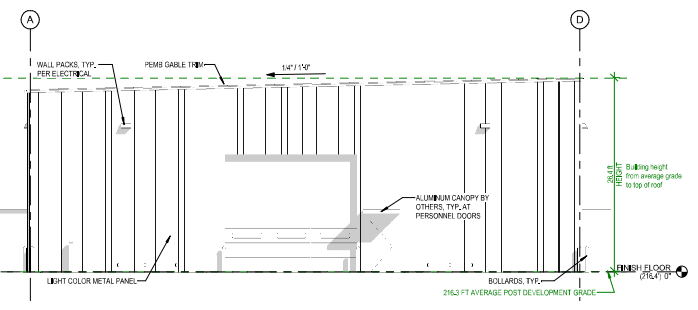
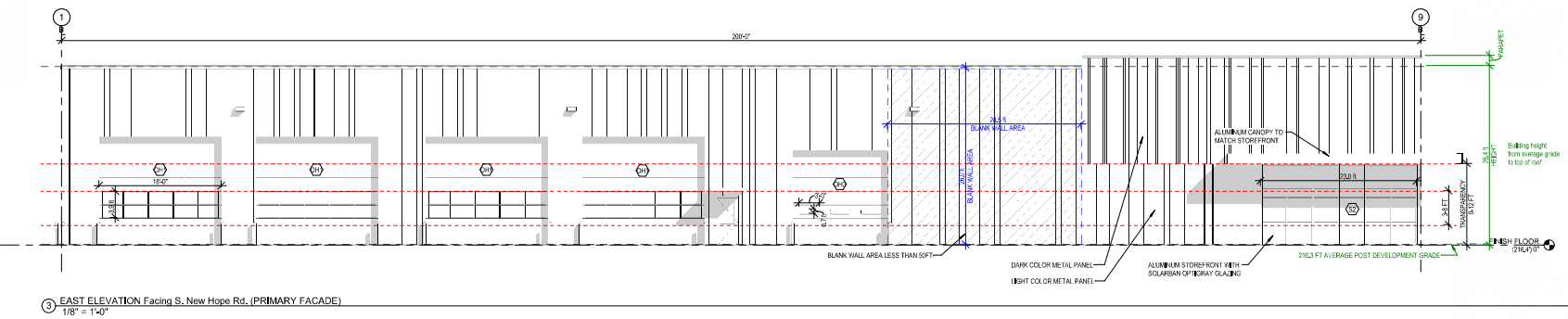
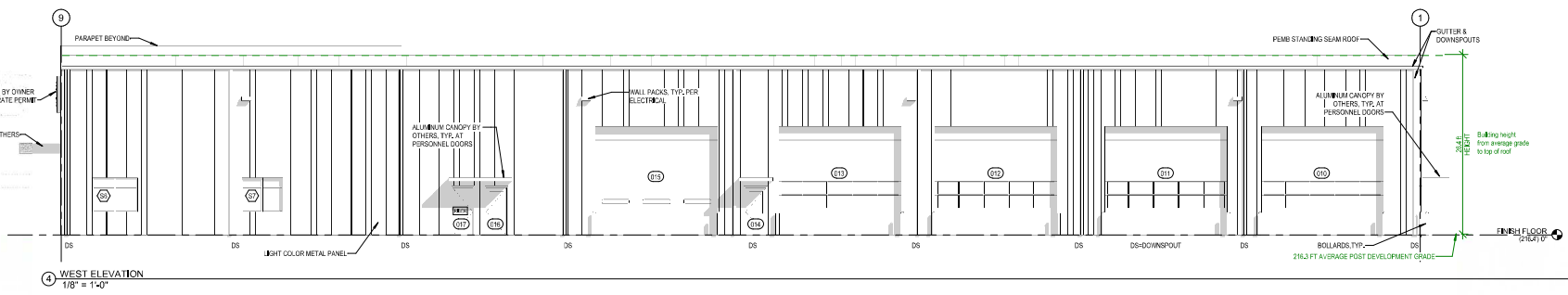
10/11/2023

23-0189

FLOOR PLAN FOR  
 RALEIGH UDO

**SA1.1**

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**CITY OF RALEIGH UNIFIED DEVELOPMENT ORDINANCE (UDO)**

**BUILDING HEIGHT - SINGLE STORY**

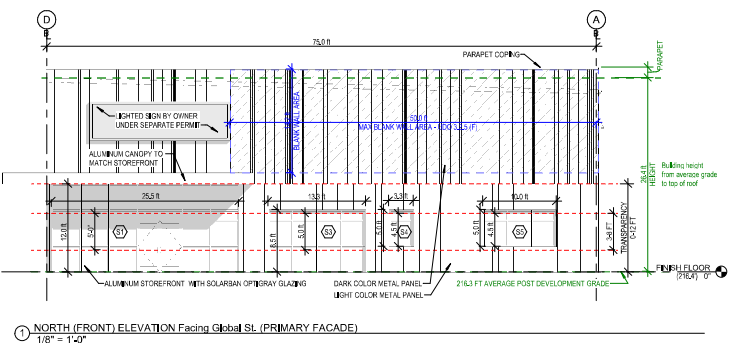
AVERAGE GRADE CALCULATIONS PER UDO SECTION 15.7  
(Building elevation must per 15.7 and 15.8 to the primary street setback)

NORTH ELEVATION (GLOBAL ST.) POST DEVELOPMENT GRADES

MIN. GRADE ELEV.: 216.2 FT  
 MAX. GRADE ELEV.: 216.4 FT  
 AVERAGE GRADE ELEV.: 216.3 FT

MAX. ALLOWED BUILDING HEIGHT: 30 FT  
 BUILDING HEIGHT: 24.4 FT

TRANSPARENCY UDO 15.5J AND 3.22 (F)				
SINGLE STORY BUILDING				
STREET-FACING BUILDING FACADES: NORTH, EAST				
<b>TRANSPARENCY NORTH (GLOBAL ST.)</b>				
CALCULATIONS:				
TRANSPARENCY (S-4 FT)	WFT	HFT	AREAS(F)	QUANTITY SUBTOTAL (SF)
S1	25.5	10	150	1 150
S2	13.3	8.5	111.1	1 111.1
S4	3.3	5	16.2	1 16.2
S6	2.0	5	9.0	1 9.0
TOTAL TRANSPARENCY NORTH (S-4 FT)				386 SF
TRANSPARENCY (S-4 FT)				
WFT	HFT	AREAS(F)	QUANTITY SUBTOTAL (SF)	
S1	25	5	125	1 125
S2	13.3	5	66.5	1 66.5
S4	3.3	4.5	14.85	1 14.85
S6	2.0	5	9.0	1 9.0
TOTAL TRANSPARENCY NORTH (S-4 FT)				215.35 SF
TRANSPARENCY - NORTH ELEVATION				
WALL AREA < 12 FT (W X H) (3 FT X 12 FT)	905 SF			
REQUIRED TRANSPARENCY 20% OF 905 SF	181 SF			
ACTUAL TRANSPARENCY NORTH (S-4 FT)	231.45 SF			
REQUIRED TRANSPARENCY				
AT 3 TO 8 FT - 50% OF 181 SF	90 SF			
ACTUAL TRANSPARENCY NORTH 3-8 FT	231.45 SF			
<b>TRANSPARENCY EAST (S. NEW HOPE RD)</b>				
CALCULATIONS:				
TRANSPARENCY (S-4 FT)	WFT	HFT	AREAS(F)	QUANTITY SUBTOTAL (SF)
SP	25	10	276	1 276
CH1	18	3.9	70.2	4 280.8
CH2	3.7	2.4	8.88	3 26.64
TOTAL TRANSPARENCY EAST (S-4 FT)				565.4 SF
TRANSPARENCY (S-4 FT)				
WFT	HFT	AREAS(F)	QUANTITY SUBTOTAL (SF)	
S2	25	5	125	1 125
CH1	18	3.9	70.2	4 280.8
CH2	3.7	2.4	8.88	3 26.64
TOTAL TRANSPARENCY EAST (S-4 FT)				432.4 SF
TRANSPARENCY - EAST ELEVATION				
WALL AREA < 12 FT (W X H) (3 FT X 12 FT)	2,400 SF			
REQUIRED TRANSPARENCY 20% OF 2400	480 SF			
ACTUAL TRANSPARENCY EAST 3-8 FT	492.1 SF			
REQUIRED TRANSPARENCY				
AT 3 TO 8 FT - 50% OF 480 SF	240 SF			
ACTUAL TRANSPARENCY EAST 3-8 FT	492.1 SF			



**UDO COMPLIANCE ELEVATIONS**  
**SEE A4.1 FOR CONSTRUCTION**

APPROVAL DATE:

BOBBITT A&E, PLLC  
 400 Commonwealth Road, Raleigh, North Carolina 27607  
 Phone: (919) 851-9900 | Fax: (919) 851-9902  
 www.bobbittaandae.com

COORDINATOR: JDF  
 DRAWN BY: LA  
 CHK BY: -

**GREGORY POOLE RENTAL STORE**  
**GLOBAL STREET**  
**RALEIGH, NORTH CAROLINA**

24 X 36  
 1/8" = 1'-0"

10/11/2023

23-0189

ELEVATIONS FOR RALEIGH UDO

**SA4.1**