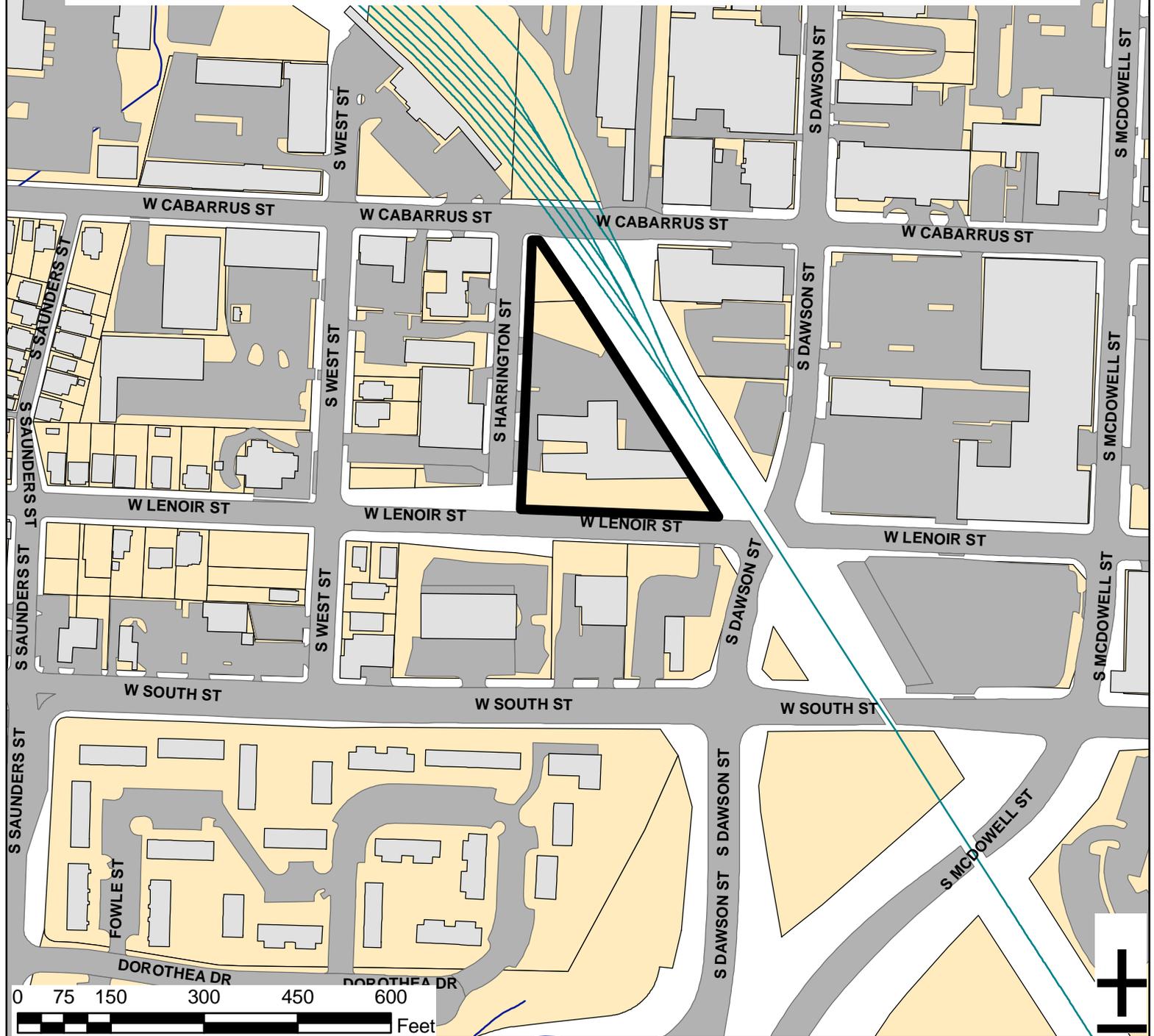


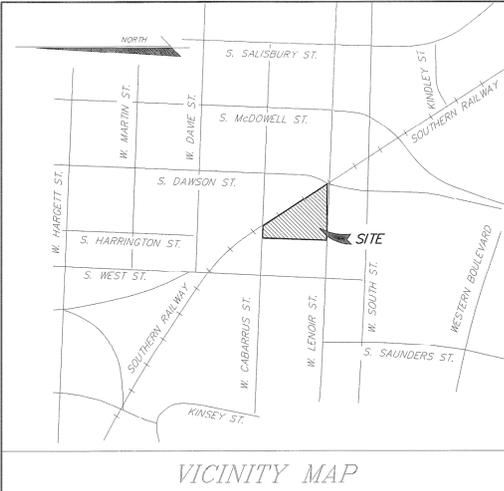
HARRINGTON STREET SUBSTATION SP-81-2009



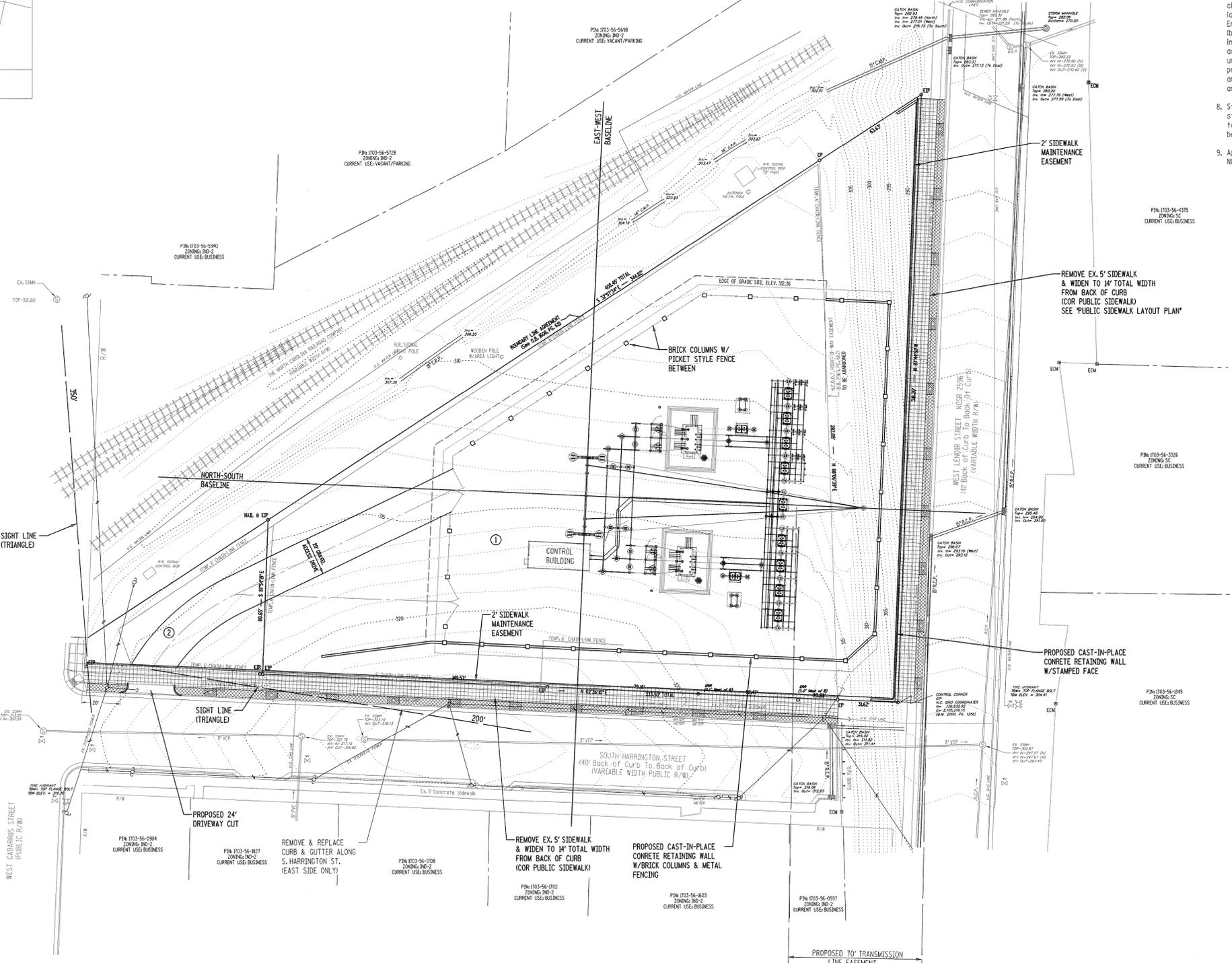
Zoning: **IND-2 DOD**
CAC: **Central**
Drainage Basin: **Rocky Branch**
Acreage: **1.62**

Proposed Use:
Planner:
Phone:
Applicant Contact:
Phone:

Power Substation
James Marapoti
(919) 516-2642
Progress Energy Carolinas, Inc
(919) 546-2195



- NOTES:**
- All construction to be performed in accordance with NCDOT and/or the City of Raleigh standards and specifications. All NCDOT driveway and/or encroachment permits must be obtained prior to building permit issuance.
 - Base information was obtained from/based on a survey by Smith & Smith Surveyors, "Property to be Acquired from Metropolitan, LLC for the Raleigh Central Business District 115kV Substation", PEC Drawing No. L-D-10266, dated 3/21/08.
 - All dimensions are from back of curb, unless otherwise indicated on the plans.
 - Sight distance triangle calculations per City of Raleigh Streets, Sidewalks and Driveway Access Handbook.
 - Within the sight triangles shown on this plan, no construction between 2 feet and 8 feet in height above the curb line elevation shall be located in whole or part. Obstructions include but are not limited to an berm, foliage, fence, wall, sign, parked vehicle or other object. All street trees falling within the sight triangles shown on this plan shall be limbed-up between 2 feet and 8 feet in height above the curb line elevation. Refer to Section 10-2086 of the Raleigh City Code for additional details.
 - WC access ramps will be provided in accordance with City of Raleigh Engineering Standard Drawing STD #20-11.
 - Progress Energy Carolinas will replace the S. Harrington Street overhead distribution system, one (1) city block from Cabarrus St. to Lenoir St., with an underground system contingent upon the following: (a) The City of Raleigh must arrange with all customers to receive, at locations designated by Progress Energy Carolinas, electric service of the type and voltage available from the underground system. (b) The City of Raleigh must provide of no cost to Progress Energy Carolinas the necessary right-of-way including adequate space for Progress Energy Carolinas to install its cables, transformers, and other associated facilities. (c) The City of Raleigh must agree to receive underground street lighting service under Progress Energy Carolinas filed street lighting rate schedule. If Progress Energy Carolinas cannot provide service to an existing point of delivery, it will be the responsibility of the City of Raleigh to arrange for the customer to bring conductors to a Progress Energy Carolinas designated location and any relocation of the point of delivery will be at the customer's expense.
 - Street lighting along Lenoir Street shall be provided by existing light poles along the south side of the street. Street lighting along S. Harrington Street shall be upgraded to decorative light poles and fixtures to be selected by the City of Raleigh prior to construction and in conjunction with the distribution lines being placed underground.
 - Approval for stormwater quantity and impervious area coverage to be reviewed and issued by NCDNR - Division of Water Quality.



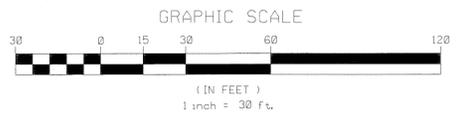
- SITE INFORMATION**
- TOTAL AREA IN LOTS: 1.62 ACRES
 - CURRENT ZONING: IND-2, DOWNTOWN OVERLAY DISTRICT
 - PIN #: 1703563723 (1.53 ACRES)
REAL ESTATE ID: 0099537
ADDRESS: 529 S. HARRINGTON STREET ①
 - PIN #: 1703562950 (0.09 ACRES)
REAL ESTATE ID: 0093591
ADDRESS: 331 W. CABARRUS STREET ②
 - PARKING SPACES: 0 PROVIDED
(ADEQUATE PARKING AVAILABLE WITHIN SUBSTATION FENCED AREA FOR OPERATION AND MAINTENANCE PERSONNEL)
NORMAL TRAFFIC WILL BE PICKUP TRUCK ENTERING & EXITING ONCE PER MONTH - 2 EMPLOYEES FOR 2 HOURS PER DAY
 - CUMULATIVE EXPANSION CALCULATIONS:
EXISTING - 42,550 SF (0.98 AC) --> (BUILDINGS/HARDSCAPE HAVE BEEN DEMOLISHED AND REMOVED)
PROPOSED - 42,247 SF (0.97 AC)
 - NO WATER SERVICE OR SEWER SERVICE REQUIRED.
 - NO GARBAGE/SOLID WASTE COLLECTION REQUIRED.
 - SITE IS NOT IN A FEMA 100 YR FLOODWAY/FLOODPLAIN
 - NO HAZARDOUS MATERIALS WILL BE USED OR STORED ON SITE.
 - PROPOSED USE - ELECTRIC TRANSMISSION SUBSTATION.
 - PROPOSED BUILDING INFORMATION:
BUILDING HEIGHT - 11 FT
BUILDING SF - 455 SF (GROSS FLOOR AREA)
PROPOSED FAR - 0.006
 - REQUIRED SETBACKS:
FRONT - 0 FT
SIDE - 0 FT
REAR - 0 FT
 - REQUIRED TREE CONSERVATION - 0 FT
 - REQUIRED OPEN SPACE - 0 FT

OWNER:
CAROLINA POWER & LIGHT COMPANY
d/b/a PROGRESS ENERGY CAROLINAS, INC.
PO BOX 1551
RALEIGH, NORTH CAROLINA 27602

SP - XX - 09

SITE/BOUNDARY SURVEY PERFORMED BY
SMITH & SMITH SURVEYING, MARCH 28, 2008

PREPARED BY
DAVIS-MARTIN-POWELL & ASSOC., INC.
ENGINEERING-LAND PLANNING-SURVEYING
6415 OLD PLANK ROAD
HIGH POINT, NORTH CAROLINA 27265
PH (336) 886-4821 FAX (336) 886-4458
DMP JOB NO. 090047



PRELIMINARY - NOT FOR CONSTRUCTION

NO.	DATE	REVISION	BY	CK.	APP.
0	11-03-2009	INITIAL RELEASE	BAP	RSJ	MVC

Progress Energy
Progress Energy Carolinas, Inc. Raleigh, NC

HARRINGTON STREET 115KV SUBSTATION

OVERALL SITE PLAN

LOCATION	529 S. HARRINGTON STREET, RALEIGH, NC
SCALE	1" = 30'
DRAWN	BAP
DATE	06-03-09
SCALE RATIO	1:1
CHK.	RSJ
DWG. NO.	RDC-56147s2
APP.	MVC