

Attachment C



STV/Ralph Whitehead Associates

LYNX Blue Line Extension Project Office

6 0 0 E a s t F o u r t h S t r e e t

Charlotte, North Carolina 28202

(704) 432-2584 fax: (704) 432-2593

Date: January 31, 2013

To: Meghan Makoid, CATS

From: Jennifer Schwaller, STV
Brandon Phillips, STV

Subject: Environmental Review
Duke Energy – Transmission Tower Relocation
LYNX Blue Line Extension Northeast Corridor Light Rail Project

It has been determined that existing Duke Energy transmission lines and associated transmission towers located adjacent to US-29/North Tryon Street will need to be relocated as part of the LYNX Blue Line Extension Northeast Corridor Light Rail Project. The parcel has been identified as parcel number 04940107 as identified on the Charlotte Mecklenburg POLARIS website. A portion of the parcel frontage along US-29/North Tryon Street is located within the studied project corridor. During the field review, the parcel was determined to be an electric substation that does not support any jurisdictional waters of the U.S., and does not support any animals or vegetation considered to be rare, threatened or endangered.

According to the topographic map, elevations on the parcel range from approximately 760 feet above National Geodetic Vertical Datum (NGVD) along the North Tryon Street frontage to 750 feet NGVD throughout the central portion of the site, and 740 feet NGVD along the western property boundary. The parcel is nearly level in the central portion of the parcel and sloping along the western and eastern property boundaries. Soils mapped on the site are identified as Cecil sandy clay loam, 2 to 8 percent slopes, moderately eroded (CeB2). Cecil sandy clay loam, 2 to 8 percent slopes, moderately eroded is not listed as a hydric soil.



LYNX Blue Line Extension – FINAL DESIGN

Contract #: 13-0021

WBS#: 6.32

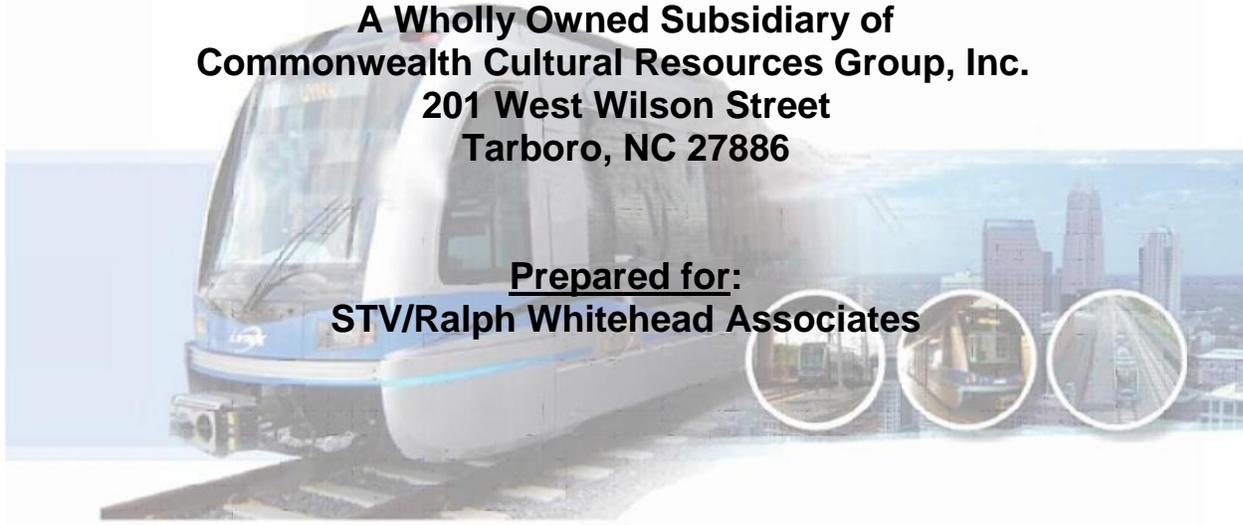
ARCHAEOLOGICAL RECONNAISSANCE 7738 N. TRYON STREET

Prepared by:

**Coastal Carolina Research
A Wholly Owned Subsidiary of
Commonwealth Cultural Resources Group, Inc.
201 West Wilson Street
Tarboro, NC 27886**

Prepared for:

STV/Ralph Whitehead Associates



Project #: 2515626

September 7, 2012

**ARCHAEOLOGICAL RECONNAISSANCE OF 7738 N. TRYON
STREET ACQUISITION PARCEL, LYNX BLUE LINE
EXTENSION, FINAL DESIGN, CHARLOTTE AREA TRANSIT
SYSTEM, MECKLENBURG COUNTY, NORTH CAROLINA**

PREPARED FOR:

**STV/RALPH WHITEHEAD ASSOCIATES
1000 WEST MOREHEAD STREET, SUITE 200
CHARLOTTE, NORTH CAROLINA 28208-5358**

PREPARED BY:

**J. ERIC DEETZ, M.A., RPA
*PRINCIPAL INVESTIGATOR***

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RESOURCES GROUP, INC.
P.O. BOX 1198
201 WEST WILSON STREET
TARBORO, N.C. 27886**

SEPTEMBER 7, 2012

ARCHAEOLOGICAL RECONNAISSANCE OF 7738 N. TRYON STREET ACQUISITION PARCEL, LYNX BLUE LINE EXTENSION, FINAL DESIGN, CHARLOTTE AREA TRANSIT SYSTEM, MECKLENBURG COUNTY, NORTH CAROLINA

MANAGEMENT SUMMARY

Coastal Carolina Research (CCR), a wholly owned subsidiary of Commonwealth Cultural Research Group Inc., conducted a literature review and archaeological reconnaissance to follow up on a reported pauper's cemetery within a 1.18-acre parcel (lot #3121) at 7738 North Tryon Street, Charlotte, North Carolina, as part of the proposed LYNX Blue Line Extension Northeast Corridor Light Rail project. The field reconnaissance was conducted on August 7-8, 2012 at the request of STV/Ralph Whitehead Associates and Charlotte Area Transit System (CATS). J. Eric Deetz, M.A., RPA, was the CCR principal investigator, and Susan E. Bamann, Ph.D., RPA, was the project manager.

The purpose of the current literature review and reconnaissance was to provide preliminary information on the reported cemetery by attempting to confirm the presence of graves and the likely extent of the cemetery boundary in relation to a proposed transmission tower relocation effort. The methods involved included deed research for the parcel, library research, informant interviews, and field reconnaissance involving systematic surface inspection and judgmental probing of surface areas with reduced visibility. The scope of work did not involve subsurface survey or evaluation of the parcel in relation to compliance with Section 106 of the National Historic Preservation Act of 1966.

The current research, interviews, and fieldwork revealed no documentary or surface evidence of any portion of the 1.18-acre parcel being used as a cemetery or containing burials. However, while the probability of human burials being present appears very low, without subsurface examination it is not possible to conclusively disprove the original informant's belief that a cemetery may be present on the parcel. It is therefore recommended that the project proponent(s) develop and utilize an unanticipated finds plan that 1) specifies a process for informing on-site personnel of the possibility of uncovering evidence of human burials and 2) outlines a process for notifying the appropriate authorities and avoiding additional disturbance. The N.C. General Statute 70, Article 3, establishes the procedures to follow if there is accidental discovery of human graves or skeletal remains. The presence of a stone-lined historic well in the N. Tryon Street right-of-way west of the current parcel has no bearing on the likelihood of burials on the parcel, but it does indicate the possibility of other subsurface cultural resources in the vicinity that are not readily visible.

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1. ARCHAEOLOGICAL RECONNAISSANCE OF 7738 N. TRYON STREET

1.1 Introduction

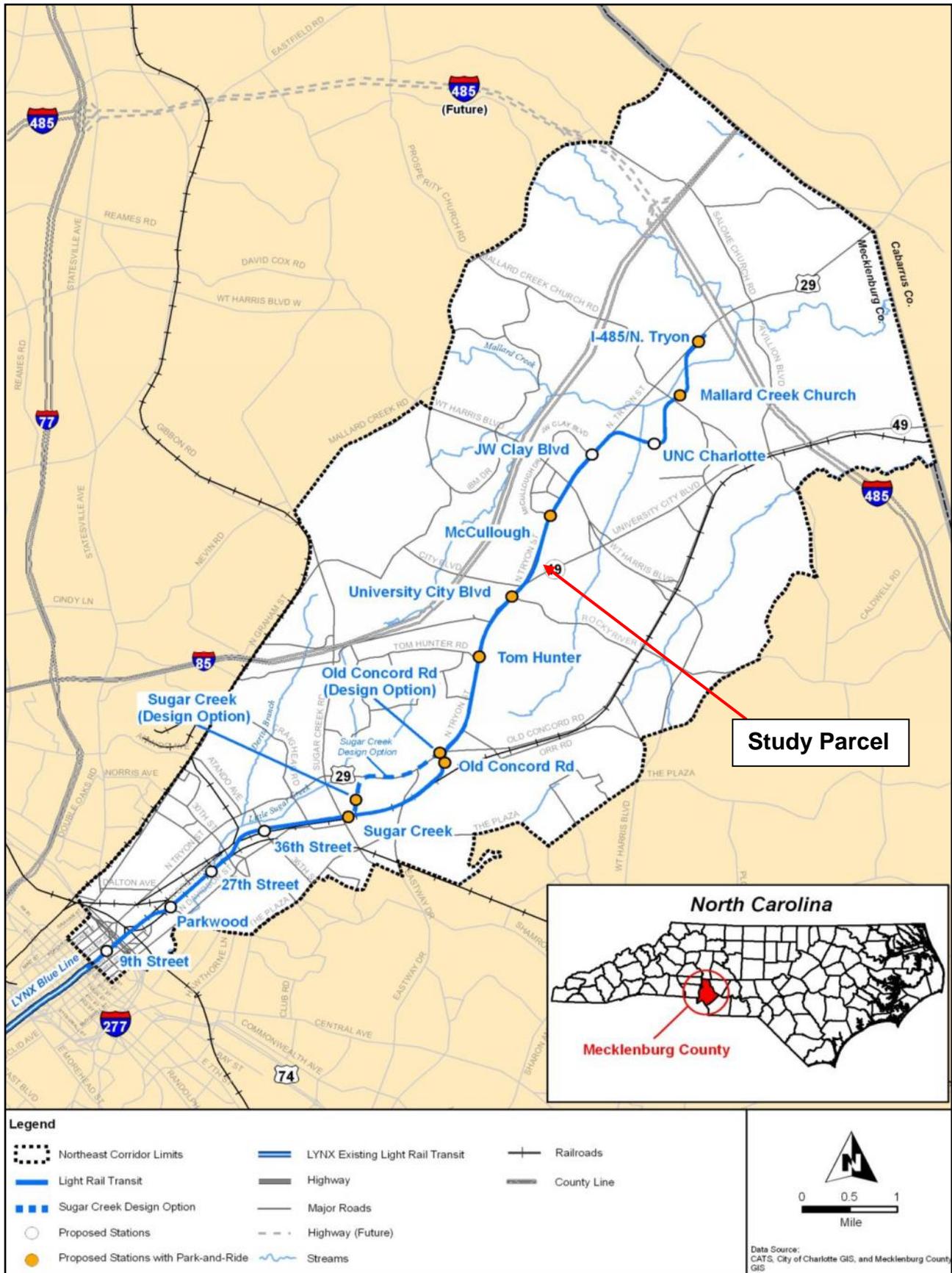
Coastal Carolina Research (CCR), a wholly owned subsidiary of Commonwealth Cultural Research Group Inc., conducted a literature review and archaeological reconnaissance of a 1.18-acre acquisition parcel (lot #3121) at 7738 N. Tryon Street, Charlotte, North Carolina, as part of the proposed LYNX Blue Line Extension Northeast Corridor Light Rail Project (LYNX BLE)(Figures 1-1 and 1-2). The work was conducted for STV/Ralph Whitehead Associates and Charlotte Area Transit System (CATS) in order to provide preliminary information on a possible cemetery, believed to be comprised of pauper's graves, within the parcel. The possibility of graves was reported by a member of the Mecklenburg County Real Estate Office, who could not provide documentary or descriptive evidence. The field reconnaissance for the current project was conducted on August 7-8, 2012, with J. Eric Deetz, M.A., RPA, as the CCR principal investigator and field director and Brian Choate, M.A., as the field assistant. Susan E. Bamann, Ph.D., RPA, was the CCR project manager.

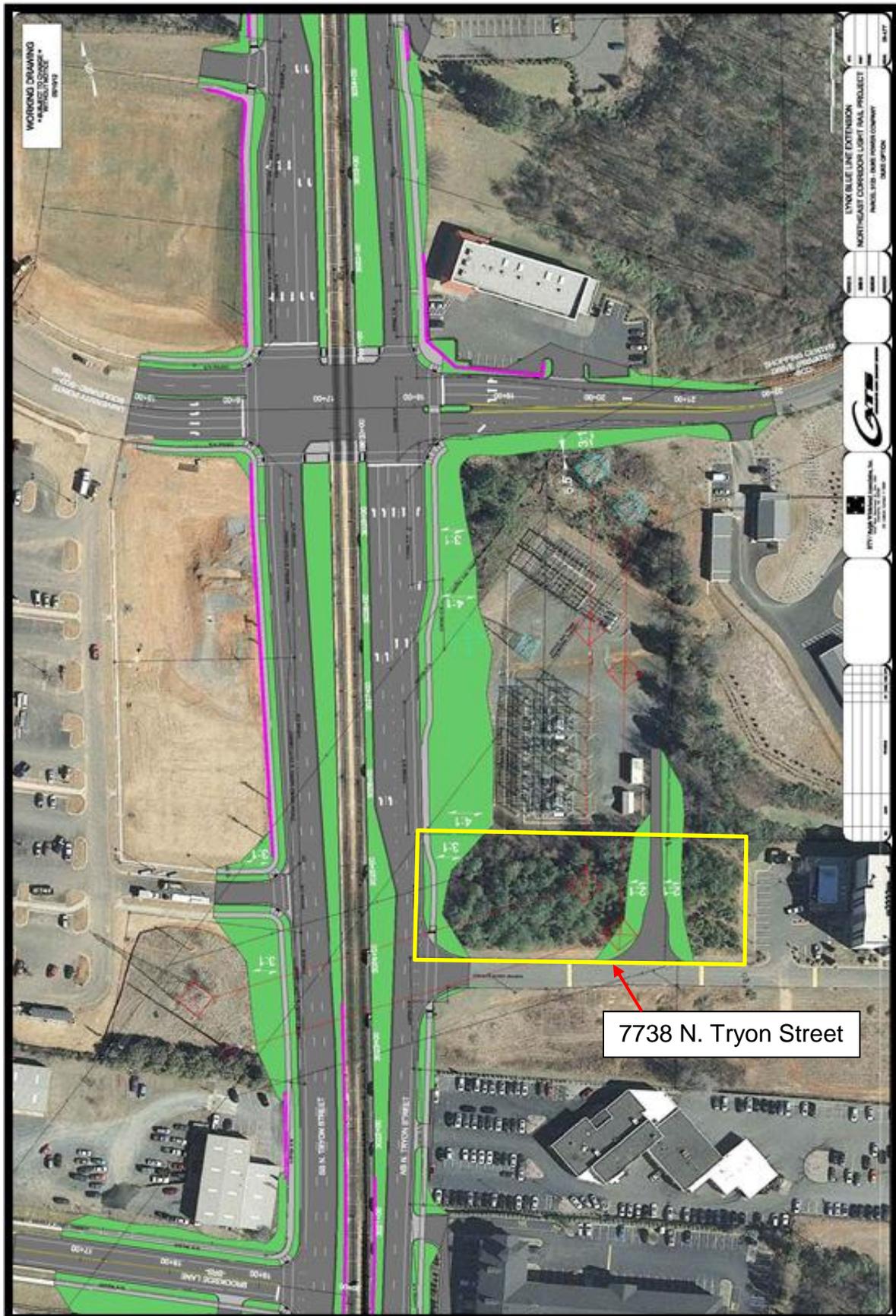
CCR would like to thank Jane Johnson of the Charlotte-Mecklenburg Public Library; Dr. Jan Blodgett, archivist for Davidson College; and Jacqueline McNeil, Mecklenburg County Real Estate Manager, for their assistance with background research for the project. Additional background information was obtained using sources gathered as part of the CCR archaeological study conducted for the LYNX BLE project (Gosser et al. 2009).

1.2 Methods

Archival research was conducted at the Charlotte-Mecklenburg Public Library's Carolina Room and at the CCR library in Tarboro. CCR consulted with Jacqueline McNeil, the Mecklenburg County Real Estate Manager who reported the possibility of a cemetery; Dr. Jan Blodgett, the archivist at Davidson College, concerning the possibility of relevant property records based on past Davidson County ownership of an adjacent parcel; and Jane Johnson, a staff member for the local history room of the Charlotte-Mecklenburg Public Library who is currently researching a book on Mecklenburg County cemeteries. Deed research was conducted through the Mecklenburg County Register of Deeds online access.

For the field reconnaissance, CCR archaeologists visually inspected the parcel for surface evidence of burials. Transects were walked on 25-ft intervals oriented north-south and repeated on an east-west orientation as well, giving significant coverage of the parcel. The lot was inspected for indicators of possible burials such as field stone head stones or foot stones, depressions in the soil, or ornamental plants such as periwinkle (*vinca minor*) and Yucca (*yucca filamentosa*), both traditionally associated with burial grounds and cemeteries (Klatka 2000). In addition to the visual inspection, a soil probe was used judgmentally for investigation of areas where the original ground surface was obscured by fill or heavy pine needle accumulation, to look for changes in soil densities or stones potentially indicating the presence of burials.





1.3 Historic Context

Tryon Street is one of the oldest streets in Charlotte and its use as a travel corridor and trade route predates the arrival of Europeans in the area. European explorations into the Piedmont of North Carolina had begun by the late 1600s. In 1669, a young German physician, John Lederer, was commissioned by Virginia's Governor William Berkeley to make discoveries to the west of the Virginia colony. Lederer's second journey, begun in May 1670, was due west to the mountains, where he parted company with his military escort and turned south and west (Cumming 1958). He traveled south as far as the Catawba lands before returning to Virginia (Cumming 1958). Lederer was responsible for opening up the trade route between Virginia colonists and the Native Americans of the western Carolinas. The trade route was originally referred to as the Occoneechee Trail and later as the Catawba Trading Path or Path to the Cherokee. During the early years of exploration the Occoneechee Trail was the most important Piedmont roadway (Blythe and Brockmann 1961).

The appointment of John Lawson to make a survey of the Carolinas in 1700 resulted in a more detailed description of the interior. In 1701, Lawson left Charleston, South Carolina, traveling north. He entered North Carolina near Waxhaw and began following the Trading Path northeast. The party passed through many towns and settlements, "no barren Land being found amongst them, but great plenty of Free-Stone, and good Timber" (Lawson 1967 [1709]:49).

The first settler of the Mecklenburg area is traditionally thought to have been Thomas Spratt. He moved with his family from Pennsylvania and first settled on the Rocky River around 1740 (Blythe and Brockmann 1961).

When the first settlers entered the area, it was part of Bladen County. Formed in 1734, Bladen County featured western borders that were the "Bounds of the Government." By 1750, settlement in the western lands had intensified to a point that Anson County was formed for the convenience of those already living in the territory. In 1762, the area was further subdivided, and Mecklenburg County was created. The county was named in honor of Queen Charlotte of Mecklenburg (Corbitt 1950).

By 1766, the area was being rapidly settled. Mecklenburg County had a population of 5,000 in 1766, a figure that grew to 6,000 within two years (Tompkins 1903). The portion along Tryon Street remained rural and sparsely populated with a scattering of small land owners and larger plantations throughout the eighteenth and nineteenth century. On the 1911 map of Mecklenburg County (Spratt and Spratt 1911) Tryon Street is labeled as "Salisbury Road". This is the earliest map of the area with sufficient detail to indicate specific properties and churches or schools. The map does not indicate any structures or dwellings in the vicinity of the current project area (Appendix A). There are several individual homes indicated along the road to the south as well as Hampton Church and the County Home to the north. Though the Mecklenburg County Home is no longer standing, the associated cemetery is on the south side of W.T. Harris Boulevard directly across from the University City Regional Library. The 1911 map reveals that the County Home was built at least prior to 1911, but it was not until 1939 that the graves in the cemetery were marked. Individuals were buried in the cemetery as early as 1930. In 1939 money taken from the Poor Fund Emergency Fund was used to place markers on the graves. All of the grave markers face W.T. Harris Boulevard, and the graves are

separated as a result of the segregation policy in place at the time. More than 100 graves are known to be located in the cemetery (Public Library of Charlotte and Mecklenburg County 2012a). By the time the North Carolina State Highway and Public Works Commission mapped the roads in Mecklenburg County in 1938, there are several dwellings including a farmhouse and a tenant house located in the vicinity of the project area (Appendix A). None of the historic maps of the county indicate a cemetery at the location of the parcel being investigated for this study.

1.4 Results of Documentary Research and Fieldwork

The current research, interviews, and fieldwork revealed no documentary or surface evidence of any portion of the 1.18-acre parcel being used as a cemetery or containing burials. Consultation with Jacqueline McNeil, the informant who reported the possibility of pauper’s graves, confirmed that former Mecklenburg County staff members had told her that the current parcel was part of a larger property set once containing a county home for the old and poor. She had been told that persons unable to afford a private burial were buried in the area, presumably referring to the area within the facility’s property set. She confirmed that she is unaware of any documentary evidence of burials on the current parcel.

A chain-of-title search for the parcel using online access to the records of the Mecklenburg County Register of Deeds office revealed no reference to a cemetery or individual burials in any of the deed transfers going back to 1886 (Table 1-1). The title chain could not be traced prior to an 1886 transfer due to lack of a prior deed reference. In addition, the title search did not reveal any evidence of early county ownership of the property that would suggest it could be associated with a county home. CCR consulted with Jane Johnson of the Charlotte-Mecklenburg Public Library, who is researching a book on Mecklenburg County cemeteries and is familiar with reports of unmarked and unconfirmed cemeteries in the county. She was unaware of any reported cemeteries within the parcel or in the immediate vicinity, but suggested consultation with the archivist of Davidson College since CCR noted that they owned adjacent property. Consultation with the archivist at Davidson College (Davidson College owned the adjacent parcel during the 1930s) indicated that they possess no land records for this area. Finally, a search of Mecklenburg County Cemetery records (Public Library of Charlotte and Mecklenburg 2012b) did not indicate a known cemetery on the parcel, and a 1938 highway map (see Appendix B) that shows cemeteries and churches also did not reveal a cemetery.

**Table 1-1
Chain of Title for Parcel at 7738 N. Tryon Street, to 1886**

Grantor	Grantee	Date	Deed Book / Page
Robert D. and James E. Green	Mecklenburg County	1989	6017/951
University City Capital Corporation	Robert D. and James E. Green	1987	5593/183
M. Woodrow and Marguerite E. Neal	University City Capital Corporation	1985	5136/404
Eva J. Neal Cochran and husband Oscar Cochran	M. Woodrow Neal	1955	1766/493
John R. Pharr	M. W. Neal	1923	525/284
P. M. Rich	John R. Pharr	1900	146/515
E. C. Morris	P. M. Rich	1886	48/376

(Source: Mecklenburg County Register of Deeds 2012)

The cemetery associated with the known pre-1911 County Home or poor house (see Historic Context section and 1911 map in Appendix A) is located 0.75 mi northeast of the project area. There is a possibility that the informant report of graves on the current parcel in question could stem from confusion between the two locations.

Appendix B contains photographs that document the current surface conditions within the investigated parcel. The field reconnaissance was aided by recent clearing of underbrush which allowed a clear view of the entire parcel. The systematic walkover reconnaissance found no field stone grave markers or depressions that often indicate informal burying grounds. There was also no sign of decorative plantings such as periwinkle (*vinca minor*) or yucca (*yucca filamentosa*) that are often present in abandoned graveyards (Klatka 2000). There was, however, clear evidence (a raised area around an old pecan tree) that there has been some fill deposited on the lot at least in the western half (see Appendix B). There has also been some dumping of asphalt and small amounts of rubble in various spots on the lot (see Appendix B), and as such it was more difficult to examine the original ground surface in enough detail to record variations such as depressions that may indicate the presence of burials. In these areas the inspection was supplemented with judgmental probing, which revealed no soil anomalies or buried stones that would raise concern.

The city has recently filled an abandoned stone-lined well west of the parcel in the N. Tryon Street right-of-way. The presence of the well has no bearing on the likelihood of burials on the parcel, but it does indicate the possibility of other buried cultural resources in the vicinity that are not readily visible. No other historic surface features and no surface artifacts were noted. CCR archaeologists did note a sequence of ditches in the center of the lot (see Appendix B). Considering the overall appearance and the young age of the trees growing in the ditches, it is likely they are not of significant age.

1.5 Recommendations

The current research, interviews, and fieldwork revealed no documentary or surface evidence of any portion of the current 1.18-acre parcel being used as a cemetery or containing burials. However, while the probability of human burials being present appears very low, without subsurface examination it is not possible to conclusively disprove the original informant's belief that a cemetery may be present on the parcel. It is therefore recommended that the project proponent(s) develop and utilize an unanticipated finds plan that 1) specifies a process for informing on-site personnel of the possibility of uncovering evidence of human burials and 2) outlines a process for notifying the appropriate authorities and avoiding additional disturbance. The N.C. General Statute 70, Article 3, establishes the procedures to follow if there is accidental discovery of human graves or skeletal remains. The presence of a stone-lined historic well in the N. Tryon Street right-of-way west of the current parcel has no bearing on the likelihood of burials on the parcel, but it does indicate the possibility of other subsurface cultural resources in the vicinity that are not readily visible.

1.6 References Cited

- Blythe, Legette, and Charles R. Brockmann
1961 *Hornet's Nest: The Story of Charlotte and Mecklenburg County*. McNally, Charlotte, North Carolina.
- Corbitt, David L.
1950 *The Formation of North Carolina Counties, 1663-1943*. North Carolina Department of Cultural Resources, Raleigh.
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1958 *The Discoveries of John Lederer*. University of Virginia Press, Charlottesville.
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- North Carolina State Highway and Public Works Commission
1938 *Mecklenburg County, North Carolina* North Carolina State Highway and Public Works Commission, Raleigh.
- Public Library of Charlotte and Mecklenburg County
2012a *Mecklenburg County Home or "Poor House" Cemetery*. In *Known Cemeteries and Burial Records of Mecklenburg County, NC*, by Public Library of Charlotte and Mecklenburg County. Electronic document, <http://www.cmstory.org/cemetery/details.asp?id=95>, accessed August 13, 2012.
- Public Library of Charlotte and Mecklenburg County
2012b *Known Cemeteries and Burial Records of Mecklenburg County, NC*. Electronic document, <http://www.cmstory.org/cemetery/index.asp>, accessed August 13, 2012.

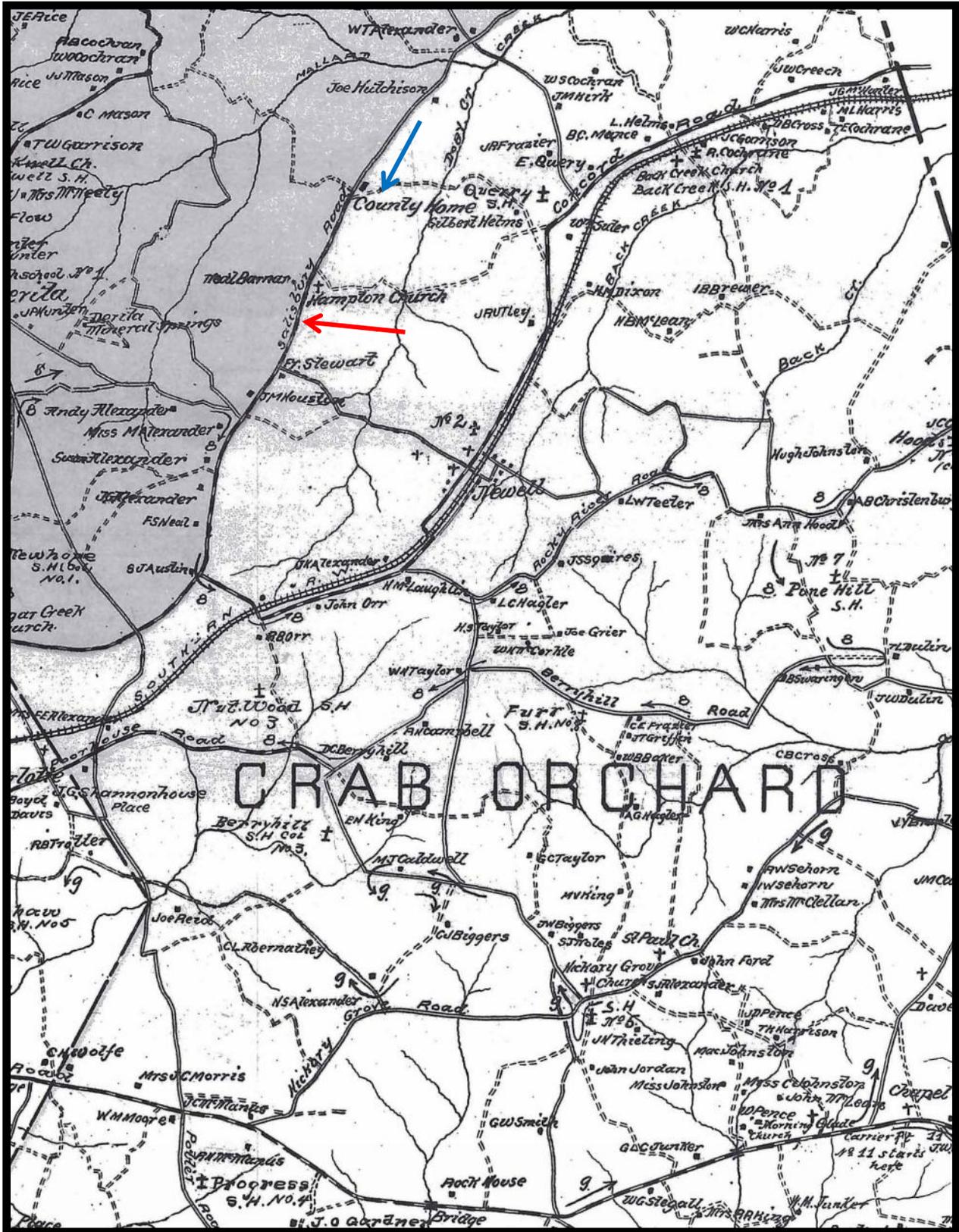
Spratt, C. A. and J. B. Spratt

1911 *Map of Mecklenburg County, North Carolina*. Ms. on file, North Carolina State Archives, Raleigh.

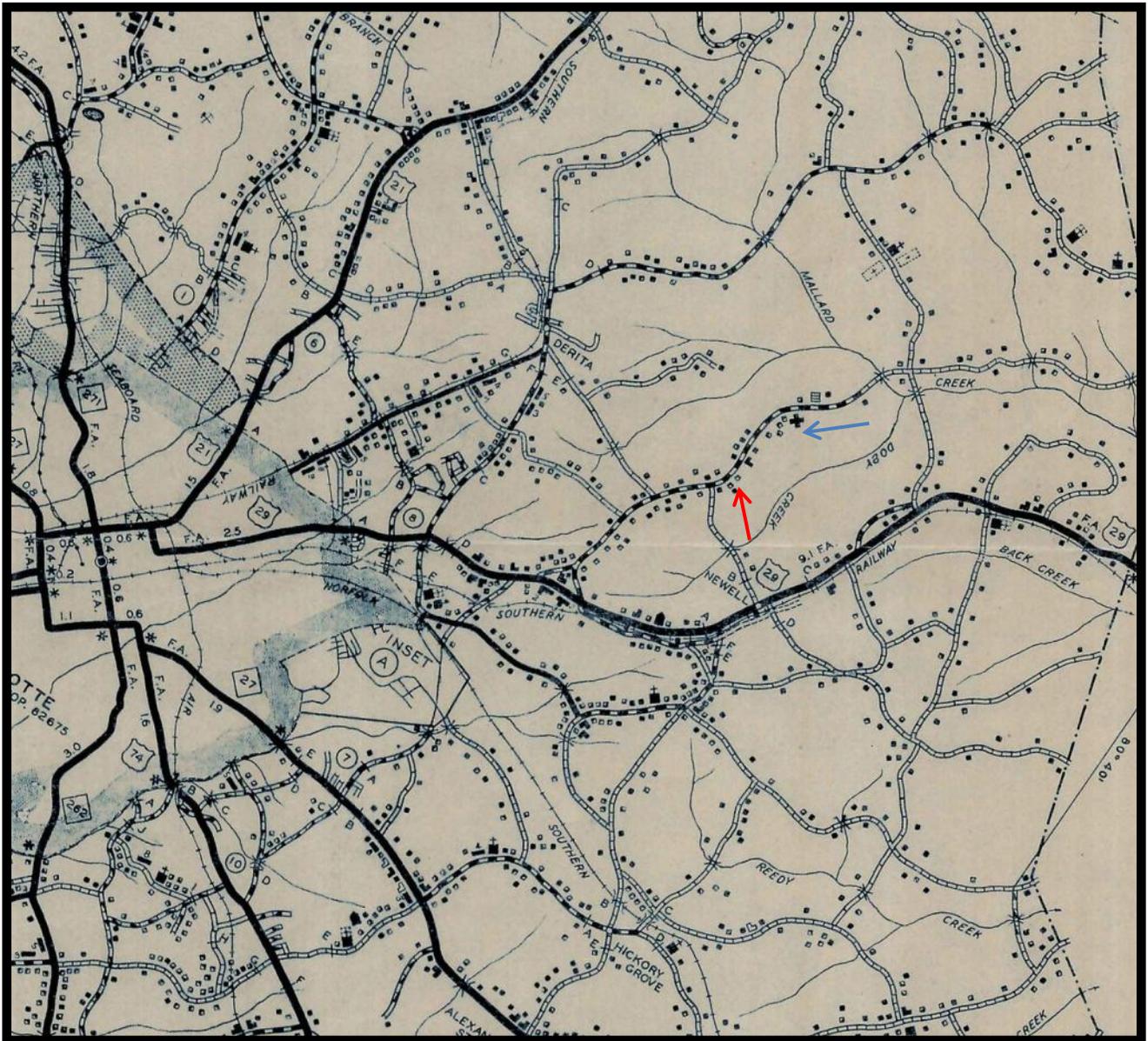
Tompkins, D. A.

1903 *History of Mecklenburg County and the City of Charlotte*. Observer Printing House, Charlotte.

APPENDIX A
HISTORIC MAPS



A 1911 Map of Mecklenburg County Showing the Proximity of the County Home (Blue Arrow) to the Current Study Parcel at 7738 N. Tryon Street (Red Arrow) (Spratt and Spratt 1911).



Detail of the 1938 North Carolina Highway and Public Works Commission Map of Mecklenburg County Showing the Proximity of the County Home (Blue Arrow) to the Current Study Parcel (Red Arrow) (North Carolina State Highway and Public Works Commission 1938).

APPENDIX B
FIELD PHOTOGRAPHS



Parcel at 7738 N. Tryon Street, Southeast Corner Looking Northward.



Parcel at 7738 N. Tryon Street, Northeast Corner Looking Westward.



Parcel at 7738 N. Tryon Street, Southwest Corner Looking Eastward.



Parcel at 7738 N. Tryon Street, Northwest Corner Looking Eastward. Note the Pecan Tree with Fill Around It.



Rubble Pile Located in the Center of the Parcel.



Asphalt Dump Pile, within the Parcel, Mostly Obscured by Pine Needles.



Abandoned Well, West of the Investigated Parcel, in the Process of Being Filled With Concrete.



Ditch Feature in Parcel, Western End Looking Northward.



Aerial Photograph of the Parcel at 7738 N. Tryon Street Showing the Location of the Ditch Feature that Appears to Be of Recent Origin. Note the Location of a Stone-Lined Well to the West in the N. Tryon Street Right-of-Way.

From: [Goforth, Kelly](#)
To: [Makoid, Meghan](#); [Jennifer Schwaller](#); [LYNX BLE Records](#)
Subject: Fwd: CATS BLE - Duke Transmission Site
Date: Friday, June 28, 2013 11:33:56 AM

Sent from my iPhone

Begin forwarded message:

From: "Gledhill-earley, Renee" <renee.gledhill-earley@ncdcr.gov>
Date: June 28, 2013 11:19:10 AM EDT
To: "Goforth, Kelly" <kgoforth@ci.charlotte.nc.us>
Subject: RE: CATS BLE - Duke Transmission Site

Kelly, finally got an answer from our archaeologist. Here's what he says:

I do not think it necessary to ask for a full scale phase I archaeological survey, although the initial recon could have been a bit more in depth...

So, we are good for y'all to go ahead without an archaeological survey. Just warn the folks that if human remains start to show up, to stop work and notify both the sheriff or chief of police to investigate as crime and us to look at as archaeological site.

Thanks,
Renee

--

Renee Gledhill-Earley
Environmental Review Coordinator
NC State Historic Preservation Office
4617 Mail Service Center
Raleigh, NC 27699-4617
Phone: 919-807-6579 Fax: 919-807-6599
<http://www.hpo.dcr.state.nc.us>

Special Notice: To expedite review of your project, you may wish to follow the directions found at http://www.hpo.ncdcr.gov/er/er_email_submittal.html for submitting requests via email.

This message does not necessarily represent the policy of the Department of Cultural Resources. E-Mail to and from me, in connection with the transaction of public business, is subject to the North Carolina Public Records Law (N.C.G.S. 132) and may be disclosed to third parties.

From: Goforth, Kelly [mailto:kgoforth@ci.charlotte.nc.us]
Sent: Wednesday, June 26, 2013 10:26 AM
To: Gledhill-earley, Renee
Subject: RE: CATS BLE - Duke Transmission Site

Hi Renee,

Just wanted to check to see if your archaeologist has had a chance to review this?

Duke is planning to start work this summer, so we would like to resolve this as soon as possible. Thanks so much for your help.

Kelly

From: Gledhill-earley, Renee [<mailto:renee.gledhill-earley@ncdcr.gov>]
Sent: Tuesday, June 18, 2013 3:24 PM
To: Goforth, Kelly
Subject: RE: CATS BLE - Duke Transmission Site

Will have the archaeologist for the area review and get back to you with recommendation.

Renee

--

Renee Gledhill-Earley
Environmental Review Coordinator
NC State Historic Preservation Office
4617 Mail Service Center
Raleigh, NC 27699-4617
Phone: 919-807-6579 Fax: 919-807-6599
<http://www.hpo.dcr.state.nc.us>

Special Notice: To expedite review of your project, you may wish to follow the directions found at http://www.hpo.ncdcr.gov/er/er_email_submittal.html for submitting requests via email.

This message does not necessarily represent the policy of the Department of Cultural Resources. E-Mail to and from me, in connection with the transaction of public business, is subject to the North Carolina Public Records Law (N.C.G.S. 132) and may be disclosed to third parties.

From: Goforth, Kelly [<mailto:kgoforth@ci.charlotte.nc.us>]
Sent: Tuesday, June 18, 2013 3:08 PM
To: Gledhill-earley, Renee
Cc: Makoid, Meghan; Jennifer Schwaller (Jennifer.Schwaller@stvinc.com); LYNX BLE Records
Subject: CATS BLE - Duke Transmission Site

Renee –

The CATS Blue Line Extension light rail project (ER 06-1957) will require the relocation of Duke Energy transmission towers, as shown in the attached figure (light blue is existing location, red is new location). Towers are currently located on a Duke Energy transmission site and would be relocated to an adjacent 1-acre parcel. The disturbed N. Tryon frontage of the 1-acre parcel was included in the APE for the BLE, but the remainder is located just outside the project corridor and was not previously evaluated. I am writing to inquire as to whether archaeological survey is recommended for this site in relation to compliance with Section 106.

There was rumor of a cemetery on the site and we did a thorough literature review and reconnaissance. No evidence of a cemetery was found. The report is attached. We intend to include in contractor specifications that work will be suspended if unanticipated finds are discovered during construction activities.

As noted in the attached cemetery reconnaissance report, portions of the site have been subjected to prior disturbance, including evidence of fill, rubble piles and a sequence of man-made ditches. The well that is noted in the report was closed/filled by the current property owner.

Please advise whether additional archaeological survey is recommended for Section 106 compliance.

Thank you,

Kelly

Kelly R. Goforth
Project Development Manager
LYNX Blue Line Extension Light Rail Project
Charlotte Area Transit System
600 East Fourth St.
Charlotte, NC 28202
(704) 336-3513



MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION
FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: N/A NEW SYSTEM ALTERATION REPAIR MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: N/A NEW WELL MAJOR REPAIR ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 04924105
STREET ADDRESS: 7738 N. Tryon
CITY: Charlotte
STATE: NC ZIP: 28213
SUBDIVISION NAME: _____
LOT #: _____ LOT SIZE (acres): 1.18
TOWNSHIP: _____
 MECKLENBURG CORNELIUS HUNTERSVILLE
 DAVIDSON CHARLOTTE PINEVILLE
 MATTHEWS MINT HILL

4. BUILDING INFORMATION:

BUILDING TYPE: N/A
 SINGLE MOBILE HOME MODULAR HOME
 DOUBLE WIDE MULTIPLE FAMILY
 HOUSE OTHER _____
HEATED SQUARE FOOTAGE: _____
NUMBER OF BEDROOMS: _____
NUMBER OF OCCUPANTS: _____
FOUNDATION TYPE:
 CONCRETE SLAB BASEMENT WITH PLUMBING
 CRAWL SPACE BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: MUNICIPAL PRIVATE WELL PUBLIC WELL SHARED WELL OTHER UNKNOWN

7. PROPOSED USE OF WELL: N/A IRRIGATION POTABLE (DRINKING WATER) OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE (1-MOST DESIRED 5-LEAST DESIRED):

N/A ANY TYPE CONVENTIONAL ACCEPTED INNOVATIVE ALTERNATIVE OTHER _____

8A. RANK: _____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES:	<input type="radio"/> YES <input checked="" type="radio"/> NO	GRADING/SOIL REMOVAL PERFORMED	<input type="radio"/> YES <input checked="" type="radio"/> NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS:	<input type="radio"/> YES <input checked="" type="radio"/> NO	JURISDICTIONAL WETLANDS	<input type="radio"/> YES <input checked="" type="radio"/> NO
WELLS, SPRINGS, OR WATER LINES	<input checked="" type="radio"/> YES <input type="radio"/> NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	<input type="radio"/> YES <input checked="" type="radio"/> NO
EASEMENTS OR RIGHT-OF-WAYS	<input type="radio"/> YES <input checked="" type="radio"/> NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	<input type="radio"/> YES <input checked="" type="radio"/> NO
CHEMICAL/PETROLEUM STORAGE TANKS	<input type="radio"/> YES <input checked="" type="radio"/> NO	KNOWN UNDERGROUND CONTAMINATION	<input type="radio"/> YES <input checked="" type="radio"/> NO
WASTE STORAGE	<input type="radio"/> YES <input checked="" type="radio"/> NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	<input type="radio"/> YES <input checked="" type="radio"/> NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? N/A UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? N/A

12. PROPERTY OWNER:

NAME: Mecklenburg County
ADDRESS: 3205 Freedom Drive, Suite 101
CITY: Charlotte
STATE: NC ZIP: 28208
WORK PHONE: 704-336-5483
MOBILE PHONE: 704-619-4863
FAX: 704-432-0633
E-MAIL: mark.hahn@mecklenburgcounty.nc.gov

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: McCall Brothers
ADDRESS: 6700 Brookshire Blvd.
CITY: Charlotte NC
STATE: NC ZIP: 28216
WORK PHONE: 704-399-1506
MOBILE PHONE: 704-634-0553
FAX: 704-398-2605
E-MAIL: bcb@mcallebro.com

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

_____ (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

MAA (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

[Signature]
Property Owner's or Owner's Legal Representative Signature

7/3/12
Date

OFFICE USE ONLY

SURVEY PLAT TO SCALE SUBMITTED SCALED SITE PLAN SUBMITTED UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: \$ _____

DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: \$ _____

DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

File #: _____

PROPOSED PLOT PLAN

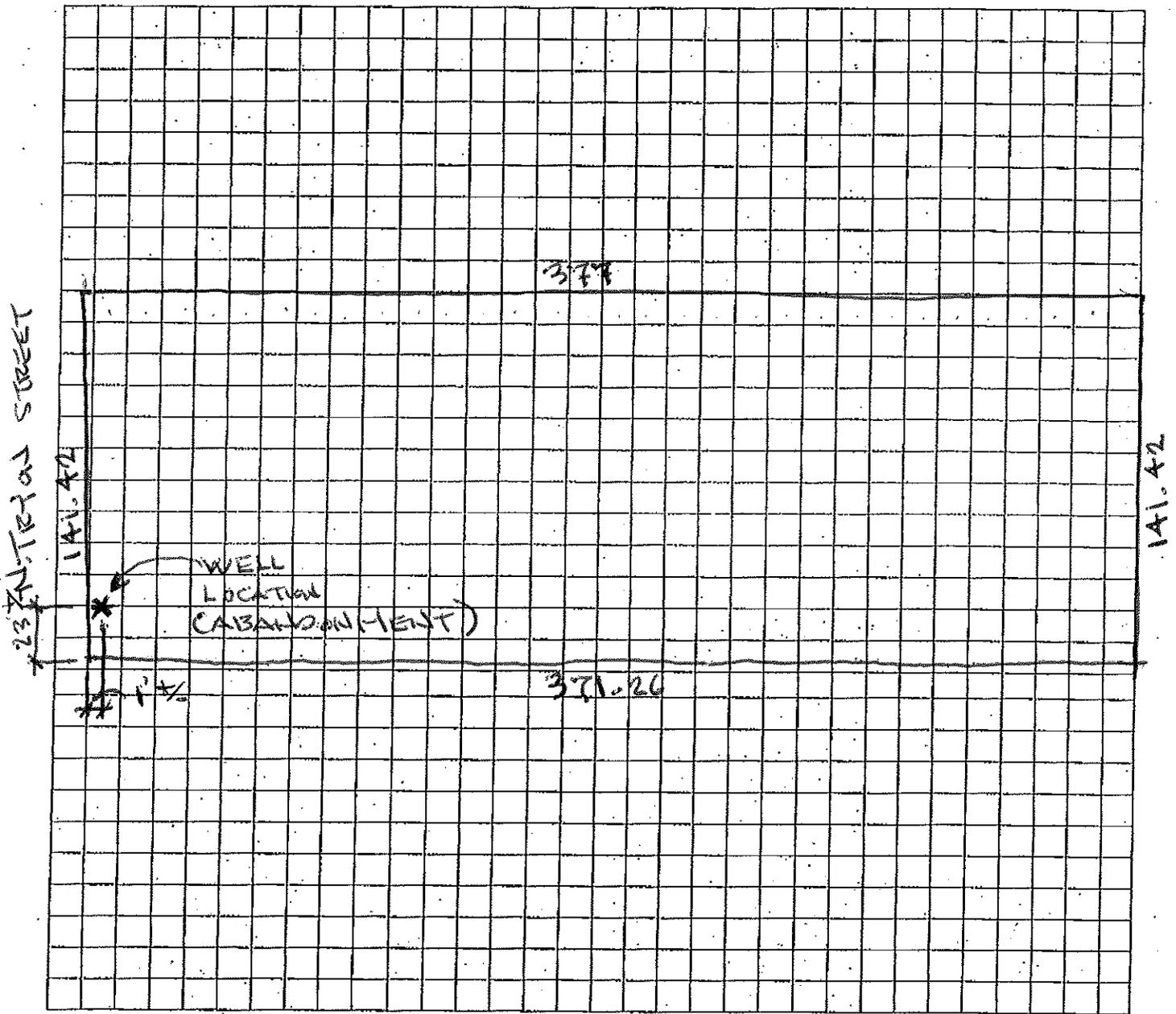
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 7738 N. TROYON

Tax Parcel #: 04924105

Subdivision Name: -

Lot #: -



[Signature]
Property Owner's or Owner's Legal Representative Signature

7/3/12
Date

From: [Goforth, Kelly](#)
To: [Makoid, Meghan](#)
Subject: FW: Construction Noise and Vibration Assessment - Transmission Towers
Date: Friday, March 15, 2013 3:06:06 PM
Attachments: [Duke Tower EXH_01-10-13.pdf](#)

From: Jennifer Schwaller [mailto:Jennifer.Schwaller@stvinc.com]
Sent: Friday, March 01, 2013 4:03 PM
To: Goforth, Kelly
Cc: Makoid, Meghan; Robert Baughman
Subject: FW: Construction Noise and Vibration Assessment - Transmission Towers

Kelly – Below is an email from HMMH that you requested.

Thanks,
Jen

From: Jason C. Ross [mailto:jross@hmmh.com]
Sent: Friday, March 01, 2013 3:01 PM
To: Jennifer Schwaller
Subject: Construction Noise and Vibration Assessment - Transmission Towers

Jennifer,

Construction and operation of the LYNX Blue Line Extension Northeast Corridor Light Rail Project (LYNX BLE) will necessitate the relocation of electric transmission towers that currently intersect the project corridor (per the attached exhibit). A hotel (Comfort Suites located at 7735 University City Boulevard), is located near to where the relocation efforts would occur. Specifically, the hotel is located approximately 200 feet from the closest transmission tower to be relocated. Given the hotel's close proximity to construction/relocation activities, a review of potential noise and vibration concerns during construction/relocation was completed. As determined during the detailed noise analysis for the LYNX BLE, distances to construction noise impact range between 31 feet and 132 feet (Table 15, *Detailed Noise and Vibration Technical Report*, 2011); and distances to vibration impact range between 1 foot and 72 feet (Table 16, *Detailed Noise and Vibration Technical Report*, 2011). Therefore, at a distance of 200 feet, it is not expected that noise and/or vibration impacts at the hotel would occur during construction/relocation of the transmission towers.

Jason C. Ross, P.E.

Vice President/ Principal Engineer

Harris Miller Miller & Hanson Inc.

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T 781.229.0707 x3157 | F 781.229.7939 | C 339.234.2037

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