



BOARD OF ZONING APPEALS

CASE SUMMARY FOR SPECIAL EXCEPTION

2214 Dart Street, UTIL A

January 9, 2018 at 10:00 A.M.
City Council Chambers, 1737 Main Street, 3rd Floor
Columbia, South Carolina

Case Number: 17-0122-SE
Subject Property: 2214 Dart Street, UTIL A (TMS# 11506-02-01)
Zoning District: RS-3 (Single Family Residential District)
Applicant: Brad Alewine, Mobilitie, LLC
Property Owner: SCE&G
Summary Prepared: December 19, 2017

Requested Action: Special Exception to construct a Wireless Communication Facility (cell node)
Applicable Sections of Zoning Ordinance:
§17-283 Wireless Communication Facilities are permitted in the RS-3 zoning district by special exception
§17-112 Standard criteria for special exceptions
Case History: N/A

Staff Comments: The applicant is requesting a special exception to establish a Wireless Communication Facility (cell node) on SCE&G pole adjacent to the baseball field at CA Johnson High School.

The proposed cell node will be placed on a utility pole within the right-of-way. The applicant states that SCE&G will replace the existing wooden pole with another wooden pole with a maximum height of +/- 35 feet to top of antenna. Applicant intends to attach a small cell antenna to the top of the pole, along with the related equipment, cabling, and electrical wiring. Antenna, conduit, and all visible equipment will be painted black/green RAL 6012. A site plan has been provided.

Should the Board be inclined to approve this request, staff asks that the following items be conditions of approval:

- Applicant shall substantially conform to the application, submitted materials, and testimony before the board and shall conform to all relevant city development regulations
- Following vacancy, abandonment, or discontinuance of this use for a period of 12 consecutive months, the special exception shall be considered completed and shall expire.
- In addition to criteria regulation by 17-112 of the Ordinance applicant must meet the specific criteria set out in 17-283 (h)(1) and (2) as applicable, including but not limited to:

- a. The proposed WCF must not endanger the safety of residents, employees, or travelers, including but not limited to the likelihood of the failure of such structure;
- b. The proposed WCF must not be located where it would substantially detract from aesthetics and neighborhood character or impair the use of neighboring properties.

The above recommendation is based upon the following findings as required within §17-112 of the Zoning Ordinance:

- 1. The proposed use, when operated in conformance with the application and submitted documents presented to the Board prior to the public hearing:
 - a. Will not have a substantial adverse impact on vehicular traffic or vehicular and pedestrian safety and adequate provisions are made in the proposed exception for parking and for loading and unloading, as once the new pole and antenna are installed, there will be ground equipment;
 - b. Will not have a substantial adverse impact on adjoining properties in terms of environmental factors such as noise, lights, glare, vibration, fumes, odors, obstruction of air or light, as a utility pole is already installed;
 - c. Will not have a substantial adverse impact on the aesthetic character of the area, to include a review of the orientation and spacing of buildings, as the cell node will be consistent with other utility poles and nodes in the area;
 - d. Will not have a substantial adverse impact on public safety or create nuisance conditions detrimental to the public interest or conditions likely to result in increased law enforcement response, as the equipment will cause no danger to the public and will host GPS units that may benefit law enforcement by narrowing the ring search when tracing cell phone signals;
 - e. The establishment of the proposed special exception does not create a concentration or proliferation of the same or similar types of special exception use, which concentration may be detrimental to the development or redevelopment of the area in which the special exception use is proposed;
 - f. Is consistent with the character and intent of the underlying RS-3 districts indicated in the zoning district description, as the proposed cell node will be on the edge of the residential district and will improve cell service in the area;
 - g. Is appropriate for its location and compatible with the permitted uses adjacent to and in the vicinity of the property; and
 - h. The proposed facility would not adversely affect the public interest.

Persons expressing support or concern about this application submitted the documents outlined below to staff. All documents are attached hereto and made a part of the record of the public hearing.

Zoning Map

Special Exception 2017-0122-SE

2214 Dart Street Util. A
TMS# 11506-02-01



Department of Planning &
Development Services

Legend



D-1	C-1
RS-1	C-2
RS-1A	C-3
RS-1B	C-3A
RS-2	C-4
RS-3	C-5
RD	M-1
RD-2	M-2
RG-1	PUD-C
RG-1A	PUD-LS
RG-2	PUD-LS-E
RG-3	PUD-LS-R
UTD	PUD-R
MX-1	OUT OF CITY
MX-2	DD DISTRICT
	DP DISTRICTS
	PD DISTRICT
	CC OVERLAY
	City Landmark

1 inch = 417 feet

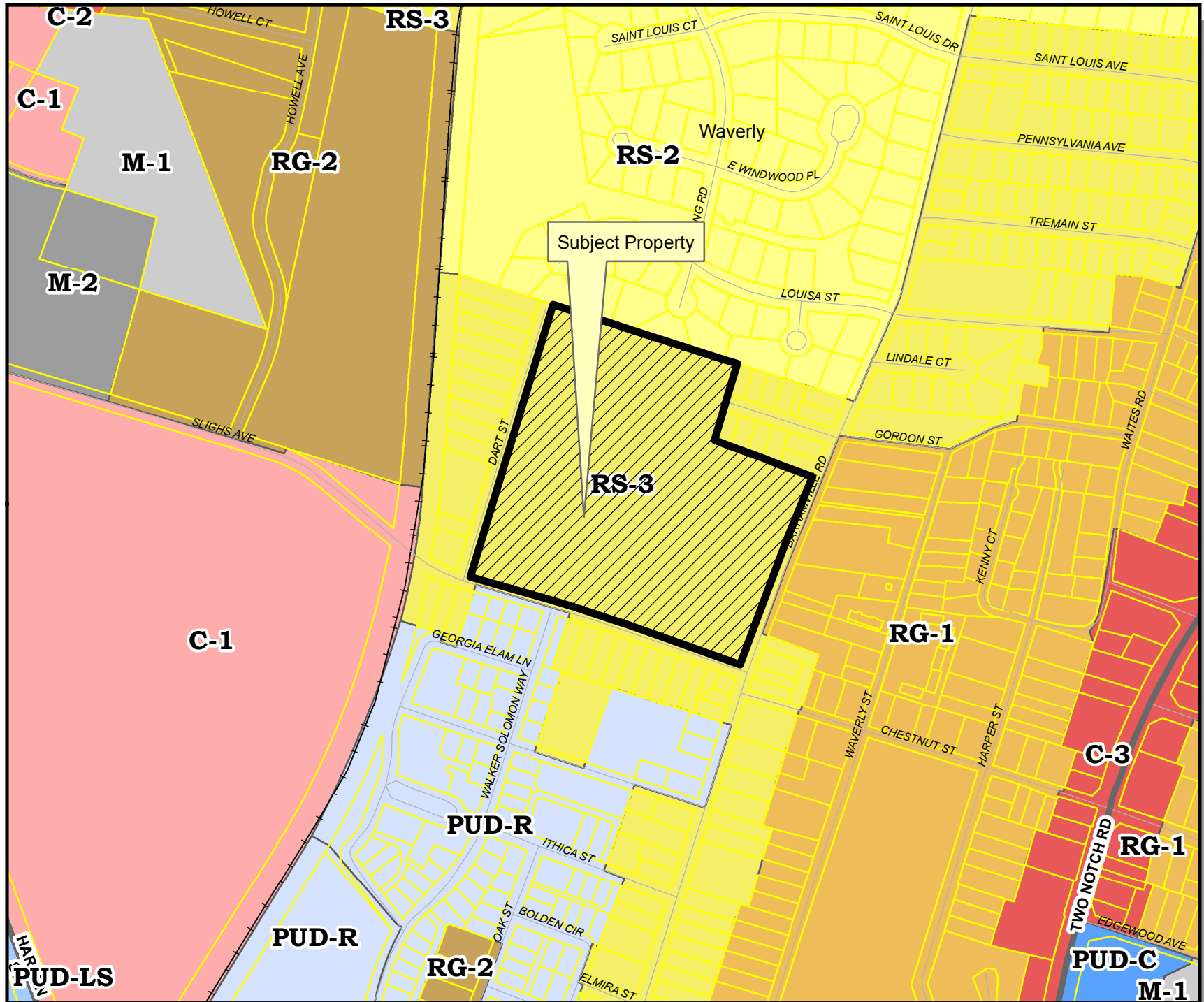
ORIGINAL PREPARATION/DATE:

This map was prepared by:

Hannah Slyce
for
January 9, 2018
BoZA Meeting

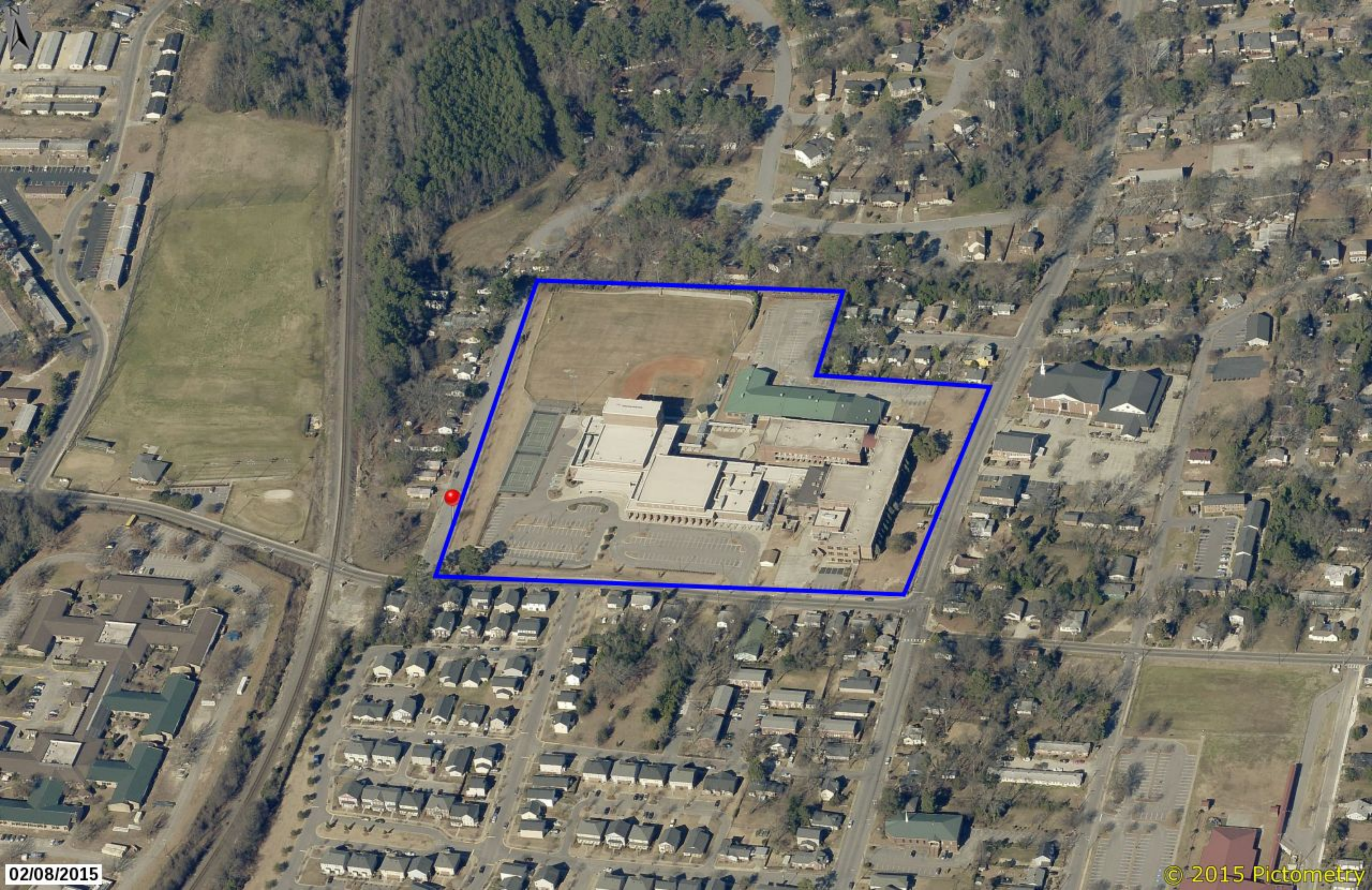
DISCLAIMER:

The City of Columbia Department of Planning and Development Services data represented on this map or plan is the product of compilation, as produced by others. It is provided for informational purposes only and the City of Columbia makes no representation as to its accuracy. Its use without field verification is at the sole risk of the user.



** DATA SOURCE - CITY OF COLUMBIA, GIS DIVISION











We Are Columbia

Office Use Only

Date Received: 12/13

Case Number: 2017-0122

Staff Initial: lls

Invoice #: 00153366

CITY OF COLUMBIA | ZONING DIVISION
1136 Washington Street, 1st Floor | Columbia, SC 29201
Office: 803-545-3333 | E-mail: zoning@columbiasc.net
www.columbiasc.net

SPECIAL EXCEPTION APPLICATION

CITY OF COLUMBIA

BOARD OF ZONING APPEALS

Property Information

Address of Subject Property: 2214 Dart Street, UTICA
Tax Map Number(s): N/A Zoning District: RS-3 ☒ Overlay District: ☒
Current Use of Property: City of Columbia Right-of-Way
Estimated Value of Project: \$5,000.00 Type of Development: Commercial ☒

Applicant Information

Applicant: Brad Alewine
Name of Company (if applicable): Mobilite, LLC
Mailing Address: 3475 Piedmont Rd. NE, Suite 1000
City: Atlanta State: SC Zip: 30305
E-mail Address: balewine@mobilite.com Phone: (803) 609-1472

Are you the Property Owner? ☐ Yes ☐ No If No, please complete the following section and obtain a proper signature

As the property owner, I hereby appoint the above listed applicant as my agent to represent myself in this application.

Signature of Property Owner: _____ Date: _____

Print Name of Property Owner: _____

Mailing Address: _____

E-mail Address: _____ Phone: _____

Code Section from which a Special Exception is Requested:

Please provide the specific section of the City of Columbia Zoning Ordinance of which a special exception is being requested. To find the applicable section please see Chapter 17 of the City of Columbia Code of Ordinances, which is available online at www.municode.com.

What is the section of the Zoning Ordinance from which a special exception is being requested? (ex. 17-258)

Zoning Ordinance section 17-283

Description of Request:

Please describe your proposal in detail. Be sure to provide a breakdown of square footage attributed to each use if multiple uses are being considered. You may attach a separate sheet if necessary. Additionally you may provide any supporting materials that are applicable to your request (i.e. photographs, site plan, plat of property, etc).

SCE&G will replace the existing utility pole with a pole that will increase the height out of ground by 4.5 feet. We will attach a small cell antenna at the top of the pole. There will also be related equipment, cabling and electrical wiring attached to the pole. All equipment will be painted the green color preferred by the city

Please Note: Applicants must fully complete applications and submit by the application deadline (please refer to the official BOZA Calendar of Regular Meetings, available on our web site www.columbiasc.net). Any failure to submit a complete application or to provide requested documentation may result in applications being returned, withdrawn, or their case to be scheduled at a later date. An application is not complete unless all applicable sections are answered and the associated fee is provided.

CASE #: _____

SPECIAL EXCEPTION APPLICATION
CITY OF COLUMBIA BOARD OF ZONING APPEALS

It is strongly encouraged that all applicants contact and schedule a pre-application meeting with Zoning Staff prior to submitting their application. Although it is not required it can be beneficial for both staff and the applicant. To schedule a meeting please contact our Zoning staff at 803-545-3333.

Applicant Response to Section 17-112(2):

In addition to the definitive standards applicable to the proposed use as detailed in Chapter 17 of the City of Columbia Zoning Ordinance, the Board of Zoning Appeals shall approve an application for a special exception only upon finding that the following SPECIAL EXCEPTION CRITERIA are met. (see section 17-112(2)b. of The City of Columbia Zoning Ordinance which can be found online at www.municode.com). The members of the Board will use your answers, among other things, as they evaluate your application. You may attach a separate sheet if necessary.

1. Describe in what ways the proposed special exception will not have a substantial adverse impact on vehicular traffic or vehicular and pedestrian safety and how adequate provisions are made in the proposed exception for parking and for loading and unloading.

Once the existing utility pole is replaced by SCE&G, all equipment added will be attached to the new utility pole. There will be no equipment on the ground.

2. Describe in what ways the proposed special exception will not have a substantial adverse impact on adjoining properties in terms of environmental factors such as noise, lights, glare, vibration, fumes, odors, obstruction of air or light, and litter.

There is currently a utility pole existing in this location. The green color of the equipment will help the equipment blend more with the pole. There will be no additional disturbances such as noise, lights, glare, vibration, fumes, odors, obstruction of air or light, or litter.

3. Describe in what ways the proposed special exception will not have a substantial adverse impact on the aesthetic character of the area, to include a review of the orientation and spacing of buildings.

The utility infrastructure is consistent with other utility infrastructure in the area.

4. Describe the ways in which the proposed special exception will not have an adverse impact on public safety or create nuisance conditions detrimental to the public interest or conditions likely to result in increased law enforcement response.

This equipment will cause no danger to the public and will enhance mobile data traffic in the area. The equipment contains a GPS unit which could actually benefit law enforcement by narrowing the search ring when tracing some cell signals.

5. Explain how the establishment of the proposed special exception does not create a concentration or proliferation of the same or similar types of special exception use, which concentration may be detrimental to the development or redevelopment of the area in which the special exception use is proposed to be developed.

The proposed special exception will provide a benefit for the immediate area with improved data connectivity.

6. Explain how the proposed special exception is consistent with the character and intent of the underlying district as indicated in the zoning district description, with any applicable zoning overlay district goals and requirements.

The proposed special exception is located on the edge of the zoning district and will provide a benefit in cell service in the area.

CASE #: _____

SPECIAL EXCEPTION APPLICATION
CITY OF COLUMBIA BOARD OF ZONING APPEALS

7. Describe how the proposed special exception is appropriate for its location and compatible with the permitted uses adjacent to and in the vicinity of the property.

The equipment is proposed on a utility pole with similar infrastructure on it already. The equipment is similar to other existing utility infrastructure in the area.

8. Explain in what ways the proposed special exception will not adversely affect the public interest.

The proposed infrastructure will blend in with other typical utility infrastructure in the area and will provide additional mobile data coverage in the area.

Please Note: In addition to scheduling a pre-application meeting, the applicant is encouraged to meet with and/or contact the adjacent or surrounding neighbors and neighborhood association(s) to communicate details of the proposed project. This informational meeting is not required, but is strongly encouraged. Neighborhood Association contact information may be obtained from Zoning staff.

APPLICATION FEE:		Please attach the required application fee upon submittal of this application	
Residential Projects	\$50.00	Commercial Projects	Valued under \$50,000 \$75.00 Valued \$50,000 or more \$125.00

By signing below, I, the applicant, understand and/or acknowledge that:

- I have completely read this application and understand all that it includes.
- While the members of the Board of Zoning Appeals will carefully review and consider this application, the burden of proving conformance with the criteria for grant of special exception rests with me.
- The Board of Zoning Appeals conducts public hearings on the second Tuesday of each month in City Council Chambers, 3rd floor of City Hall, 1737 Main Street, Columbia, South Carolina, 29201.
- The proposed use and construction complies or will comply with all other requirements of the City of Columbia Zoning Ordinance.
- The Board of Zoning Appeals will render a written order regarding my application as soon as possible following the public hearing.
- Any time frames related to an appeal of a decision of the Board of Zoning Appeals shall start from the date that the written and signed Order of the Board is mailed to the applicant.
- The Board may prescribe appropriate conditions and safeguards in conformity with Ch. 17, including, but not limited to the following items: (1) hours of operation; (2) landscaping; and (3) screening of activities or structures.
- Violation of the conditions and safeguards prescribed in conformity with Ch. 17, when made part of the terms under which a special exception is granted, shall be deemed a violation, punishable under the penalties established therein.
- Failure to begin or complete an action for which a special exception is required, within the time limit specified, when such time limit is made a part of the terms under which the special exception is granted, shall void the special exception.
- As the applicant I affirm that the tract or parcel of land subject of this application is not restricted by any recorded covenant that is contrary to, conflicts with, or prohibits the requested activity. (See Section 6-29-1145 of the South Carolina Code of Laws)

Signature Brad Alewine

Print Name Brad Alewine

Date December 13, 2017

STAFF CONTACT: Rachel Bailey

Deputy Zoning Administrator | City of Columbia Zoning Division | Phone: 803-545-3220 | E-mail: rlbailey@columbiasc.net

9SCB000954D/CR90XSDQSD

LATITUDE/LONGITUDE:

34.024741/-81.020218

CROSS STREET:

DART ST & CHESTNUT ST

CITY, STATE, ZIP:

COLUMBIA, SC 29204



CONTRACTORS SHALL VERIFY ALL PLANS, (1) DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

DO NOT SCALE DRAWINGS

GENERAL NOTES

[illegible]

SITE INFORMATION

SITE ID:	95302000640
CASCODE ID:	089035059
LATITUDE:	34.021741
LONGITUDE:	-101.020218
CROSS STREET:	DAVE ST & CHESTNUT ST
CITY, STATE, ZIP:	COLUMBIA, SC 29204
COUNTY:	RICHLAND COUNTY
JURISDICTION:	CITY OF COLUMBIA
PROPERTY OWNER:	PUBLIC, RIGHT-OF-WAY
APPLICANT:	MOBILE, LLC 3475 GEORGINA ROAD NE, SUITE 1000 ATLANTA, GEORGIA 30305 PHONE: (515) 659-5400

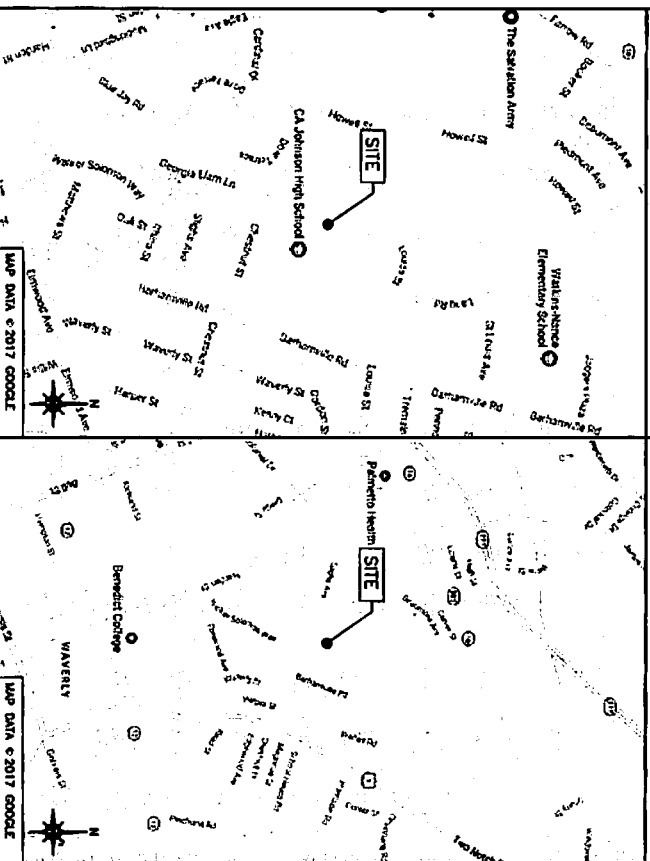
ENGINEER

JACOBS ENGINEERING GROUP, INC.
5449 BELLS FERRY ROAD
ACMORTH, GA 30102

CONTACT: KARL KRATNA
PROJECT MANAGER
TEL: (678) 480-1416
PROJECT: DR600221

LOCATION MAPS

VICINITY MAP



PROJECT DESCRIPTION

DID USER PROPOSES TO REPLACE EXISTING WOOD POLE AND INSTALL EQUIPMENT ON A NEW WOOD POLE WITHIN AN EXISTING RIGHT-OF-WAY.

THE SCOPE WILL CONSIST OF THE FOLLOWING:

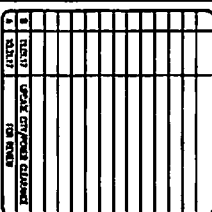
- REMOVE EXISTING WOOD UTILITY POLE
- INSTALL A NEW WOOD UTILITY POLE WITH PROPOSED BROADBAND TRANSPORT EQUIPMENT

CODES

INTERNATIONAL BUILDING CODE
NATIONAL ELECTRICAL SAFETY CODE
TIA/EIA-222-C-2 OR LATEST EDITION
LOCAL BUILDING/PLUMBING CODE

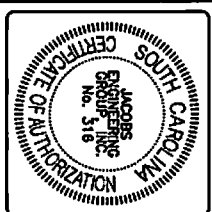
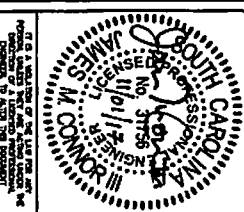
DRAWING INDEX

SHEET NO	TITLE SHEET	SHEET TITLE
1-1		
2-1	DOCKET PHOTO & SITE PLAN	
3-1	POLE ELEVATIONS	
4-2	POLE ELEVATIONS	
5-1	PLUMBING & ROOF DRAWING	
6-1	ELECTRICAL DETAILS	
7-2	EXCAVATION DETAILS	
8-1	EXCAVATION DETAILS	
9-1	ELECTRICAL DETAILS	
10-1	GROUNDING DETAILS	
11-1	POLE EXCAVATION DETAILS	
12-1	POLE FOUNDATION DETAILS	
13-1	VERMICULAR INSULATION CONTROL PLAN	
14-2	PEDESTAL SAFETY PLAN	
15-1	GENERAL NOTES	
16-2	GENERAL NOTES	
17-1	GENERAL NOTES	
18-3	GENERAL NOTES	



3475 PIEDMONT ROAD NE
SUITE 1000
ATLANTA, GEORGIA 30305
PHONE: (312) 638-5400

PROJECT NO:	EQC-0221
DRAWN BY:	C. RAJEY
CHECKED BY:	C. RAJEY



CR90XSDQSD
95CB00954D
DART ST 6
CHESTNUT ST
COLUMBIA, SC 29204
UTILITY POLE

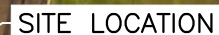
SHEET 1111C
TITLE SHEET

HEET NUMBER
T-1



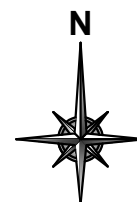
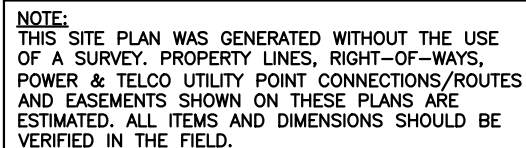
SCALE: NOT TO SCALE

1



SCALE: NOT TO SCALE

2



SCALE: 1" = 20'-0" (1" = 10'-0" ON 24"x36" SHEET)

3



ALL CLEARANCE AND MOUNTING SHALL
COMPLY WITH SCE&G REQUIREMENTS



mobilitie
intelligent infrastructure

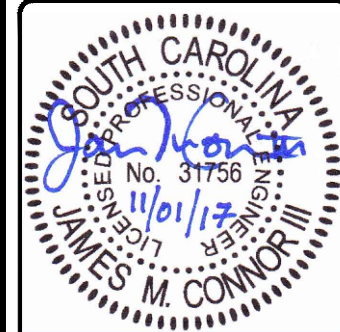
3475 PIEDMONT ROAD NE
SUITE 1000
ATLANTA, GEORGIA 30305
PHONE: (312) 638-5400

PROJECT NO: ER600221

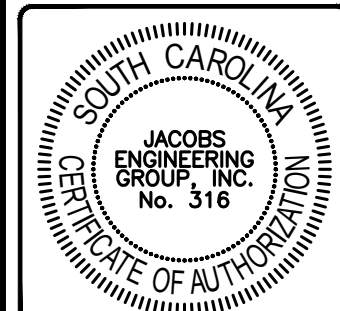
DRAWN BY: C. RAMEY

CHECKED BY: C. RAMEY

B	11.01.17	UPDATE CITY/POWER CLEARANCE
A	10.31.17	FOR REVIEW



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT



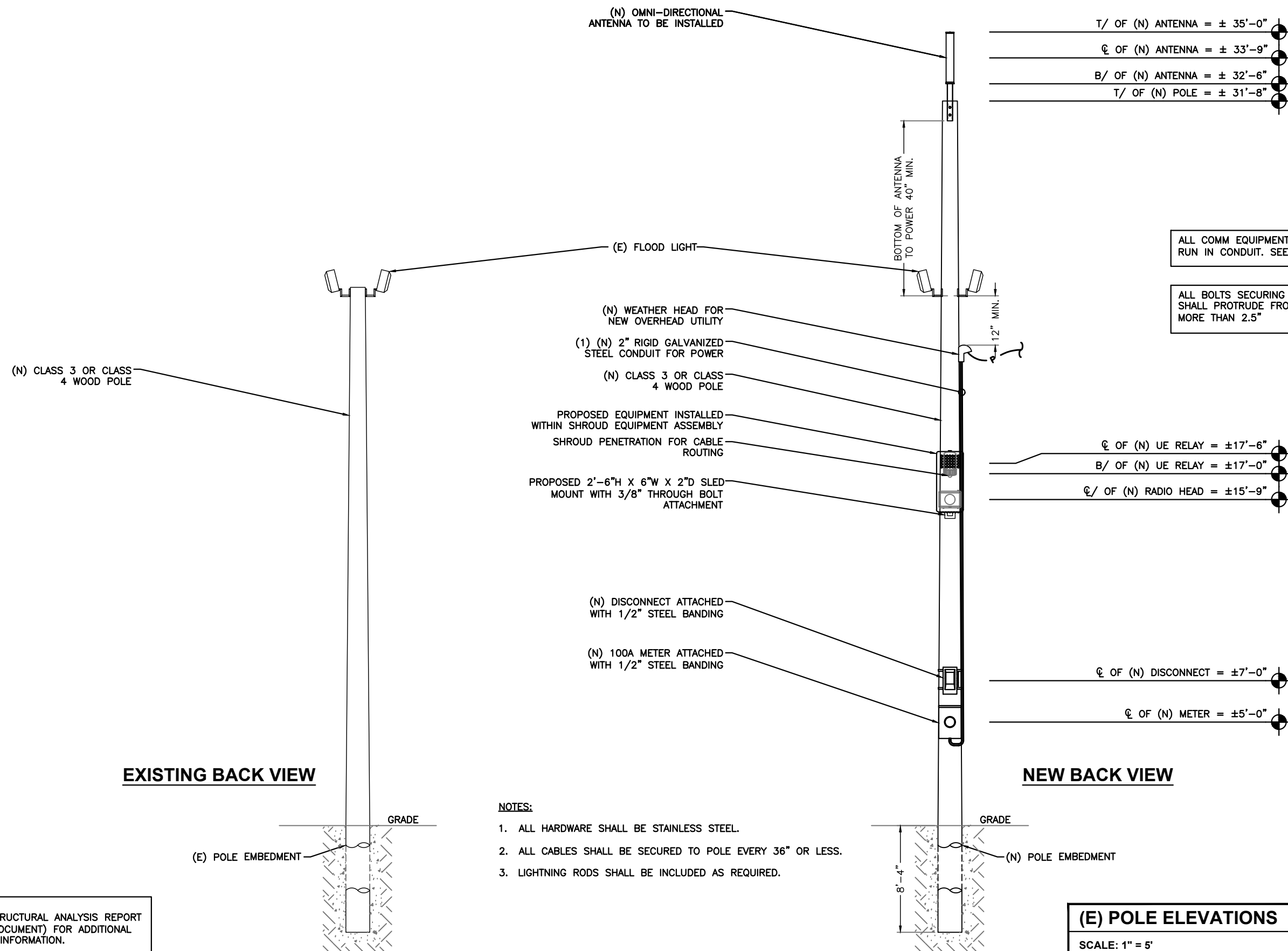
CR90XSDQSD
9SCB000954D
DART ST &
CHESTNUT ST
COLUMBIA, SC 29204
UTILITY POLE

SHEET TITLE

POLE ELEVATIONS

SHEET NUMBER

EV-2



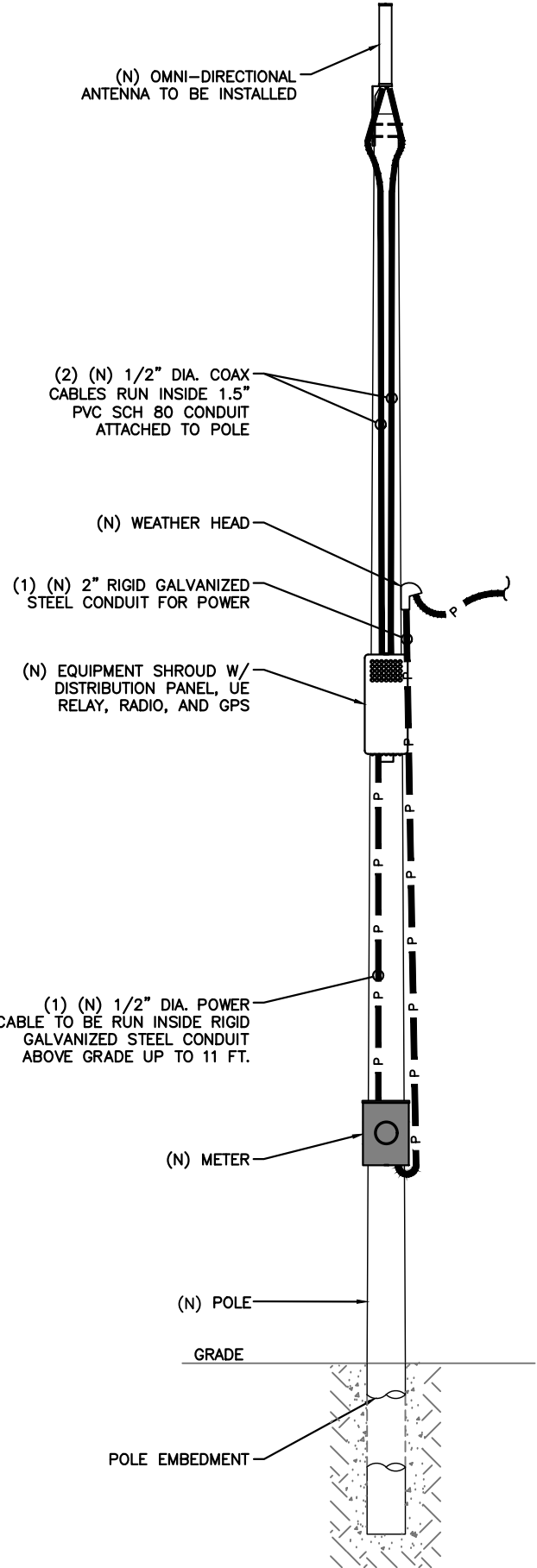
NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT
(SEPARATE DOCUMENT) FOR ADDITIONAL
STRUCTURAL INFORMATION.

(E) POLE ELEVATIONS

SCALE: 1" = 5'

■

NOTE:
(E) POLE MOUNTED EQUIPMENT
NOT SHOWN FOR CLARITY.



NOTE:
CABLING DIAGRAM IS FOR CLARITY OF
CABLE ROUTE AND TERMINATION ONLY.
CONTRACTOR SHALL INSTALL CABLES
WITH MINIMAL VISUAL IMPACT ON (N)
WOOD POLE. SEE ELEVATION DRAWING
FOR EQUIPMENT AND ANTENNA
LOCATIONS.

CABLING NOTES:

- A) WOOD, CONCRETE AND EXISTING METALLIC POLES
I) FROM GRADE LINE TO 11'-0" ABOVE GRADE, ALL CABLES/CONDUCTORS EXCEPT GROUNDING CONDUCTOR MUST RUN IN RIGID GALVANIZED STEEL CONDUIT (RGS)
II) GROUNDING CONDUCTORS IN EXPOSED LOCATIONS MUST BE INSTALLED IN PVC.
III) IN EARTH INSTALL PVC CONDUIT FOR BACKHAUL AND ELECTRICAL SERVICE. TRANSITION TO RGS AT GRADE LINE.
IV) ABOVE 11'-0" ALL CABLES (POWER, ETHERNET, COAXIAL) MUST RUN IN PVC UTILITY POLE RISER.
(1) AT MAJOR EQUIPMENT, EXTEND UTILITY DUCT IMMEDIATELY ADJACENT TO THE EQUIPMENT. INSTALL CABLES IN THE UTILITY POLE RISER CREATING CABLE DRIP LOOPS NOT LESS THAN THE CABLE BENDING RADIUS.
(2) INSIDE THE UTILITY POLE RISER, UTILIZE 1/2" COAX BLOCKS WITH LAG SCREWS TO SUPPORT COAX, RADIO AND MW POWER, RF COAX, AND ETHERNET CABLES TO WITHIN 12" OF THE EQUIPMENT BEING SERVED AND ON INTERVALS NOT TO EXCEED 4'.
V) FOR UNDERGROUND HFC/PUBLIC BACKHAUL, ROUTE ETHERNET CABLE IN CONDUIT UP THE POLE AND ENTER THE UTILITY POLE RISER. SEAL EXPOSED END OF CONDUIT WITH A CABLE TERMINATION FITTING.
VI) BY APPROVAL IN SELECT CASES LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LFMC) MAY BE USED IN LENGTHS NOT TO EXCEED 36" TO EXTEND THE ELECTRICAL SERVICE CONDUIT TO THE AC DISTRIBUTION BOX. EXAMPLE: UTILITY-REQUIRED DISCONNECT ON POLE W/ AC DISTRIBUTION BOX ON OPPOSITE SIDE OF POLE. NOT REQUIRED FOR COAX.
B) NEW METALLIC POLES
I) PROCURE NEW POLES WITH SUITABLE HAND HOLES SUCH THAT HAND HOLES EXIST AT ALL EQUIPMENT LOCATIONS.
II) WHERE REQUIRED, INSTALL POLE BASE SUCH THAT THE ELECTRICAL FEED AND BACKHAUL (IF UNDERGROUND) CIRCUIT ENTER THE POLE THROUGH THE POLE BASE.

PLUMBING DIAGRAM

SCALE: NOT TO SCALE

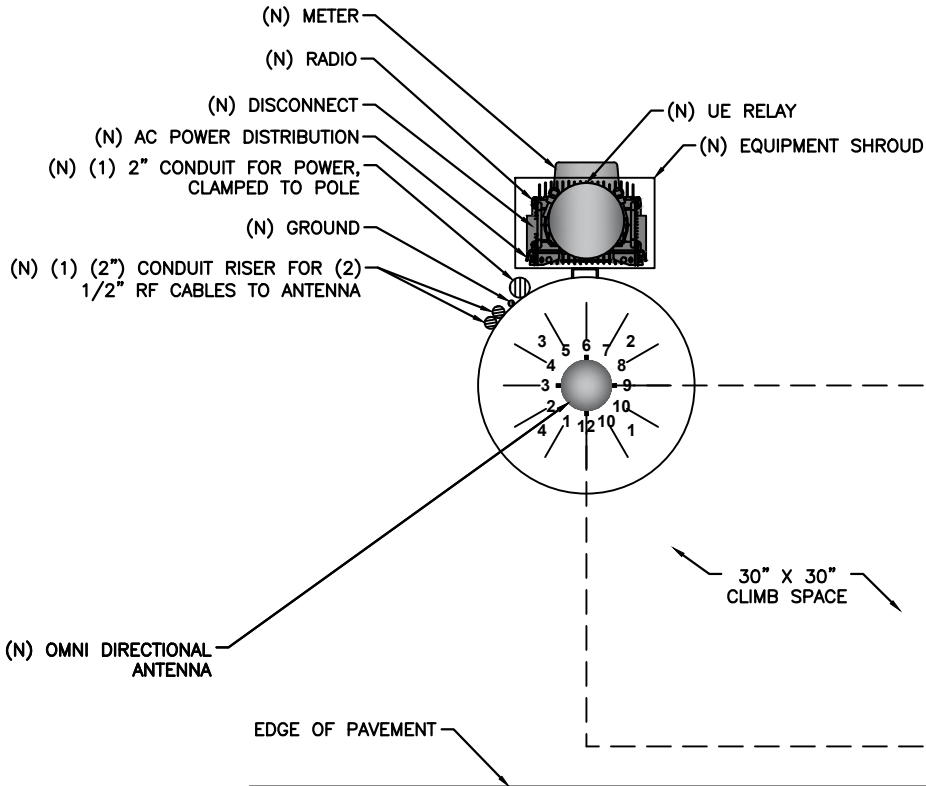
1

EQUIPMENT CHART							
QTY.	DESCRIPTION	MANUFACTURER	MODEL NUMBER	AZIMUTH	CABLE	DIMENSIONS (HxWxD)	WEIGHT
1	ANTENNA	ALPHA WIRELESS	AW3477-S	TBD	23'±	30.7" X 4.7" DIAMETER	7 LBS
1	UE RELAY	AIRSPAN	iR460-SPB-ST-1-P-0	TBD	3'±	13" X 7" DIAMETER	8.8 LBS
-	-	-	-	-	-	-	-
1	GPS	PCTEL	3997D	-	-	0.53" X 1.7" DIAMETER	0.057 LBS
1	RADIO	NOKIA	FWHT B41 LP	-	3'±	9.7" X 12.8" X 4.7"	17.2 LBS
-	-	-	-	-	-	-	-
1	AC DISTRIBUTION PANEL	RAYCAP	RSTAC-3112-P-120	-	-	9.25" X 9.5" X 3.81"	14 LBS
1	NEMA TYPE-3R DISCONNECT	SIEMENS	GF222NR	-	1'±	15.45" X 8.7" X 5.95"	14 LBS
1	METER SOCKET	MILBANK	U4801-XL-5T9	-	TBD	19" X 13" X 4.84"	21 LBS

BILL OF MATERIALS

SCALE: NOT TO SCALE

2



RISER ORIENTATION DIAGRAM

SCALE: NOT TO SCALE

3

mobilitie
Intelligent infrastructure

3475 PIEDMONT ROAD NE
SUITE 1000
ATLANTA, GEORGIA 30305
PHONE: (312) 638-5400

PROJECT NO: ER600221

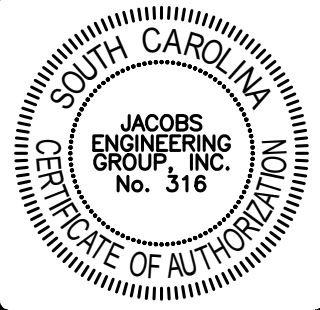
DRAWN BY: C. RAMEY

CHECKED BY: C. RAMEY

B 11.01.17 UPDATE CITY/POWER CLEARANCE
A 10.31.17 FOR REVIEW



IT IS A VIOLATION OF THE LAW FOR ANY
PERSON, UNLESS THEY ARE ACTING UNDER THE
DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER THIS DOCUMENT



CR90XSDQSD
9SCB000954D
DART ST &
CHESTNUT ST
COLUMBIA, SC 29204
UTILITY POLE

SHEET TITLE
PLUMBING & RISER DIAGRAM

SHEET NUMBER
PL-1



1

SCALE: NOT TO SCALE



1. MOUNTING BRACKET ACCOMMODATES POLE SIZES FROM 3" TO 10" DIAMETER.
2. JACOBS HAS NOT PERFORMED A STRUCTURAL EVALUATION FOR THE MOUNTING BRACKET. REFER TO THE MANUFACTURER FOR ADDITIONAL INFORMATION.

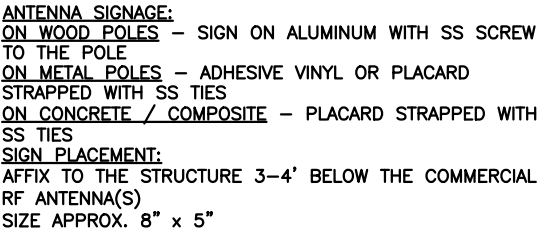
3

SCALE: NOT TO SCALE



2

SCALE: NOT TO SCALE



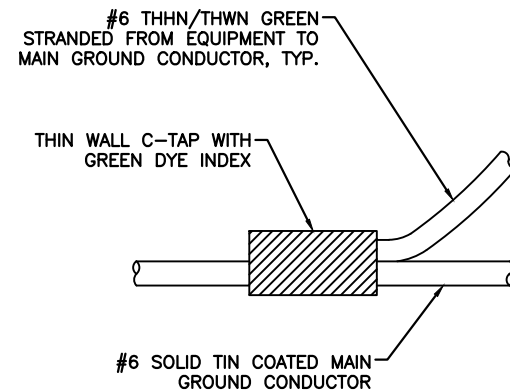
OWNER / OPERATOR NOTE:
SITE ID LABEL TO BE AFFIXED AT OR NEAR THE POINT OF POWER CONNECTION WITH TZeS241 LABELING TAPE OR EQUIVALENT BLACK ON WHITE LABELING TAPE OF AT LEAST 18mm WIDTH WITH EXTRA-STRENGTH ADHESIVE. USE ANY COMPATIBLE P-TOUCH LABEL MAKER. TEXT SHOULD BE PRINTED IN ALL CAPS WITH A MINIMUM HEIGHT OF 1/2".

4

SCALE: NOT TO SCALE



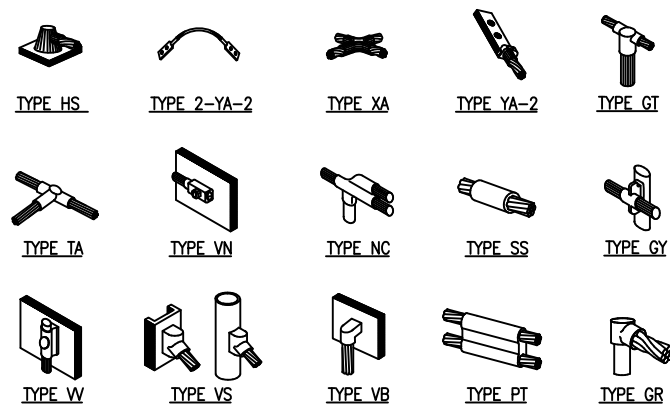
NOTE:
CONTRACTOR TO SURROUND COMPLETED
CONNECTION WITH HEAT-SHRINK TUBING TO
ENSURE WEATHER PROOF CONNECTION



C-TAP DETAIL

SCALE: NOT TO SCALE

1



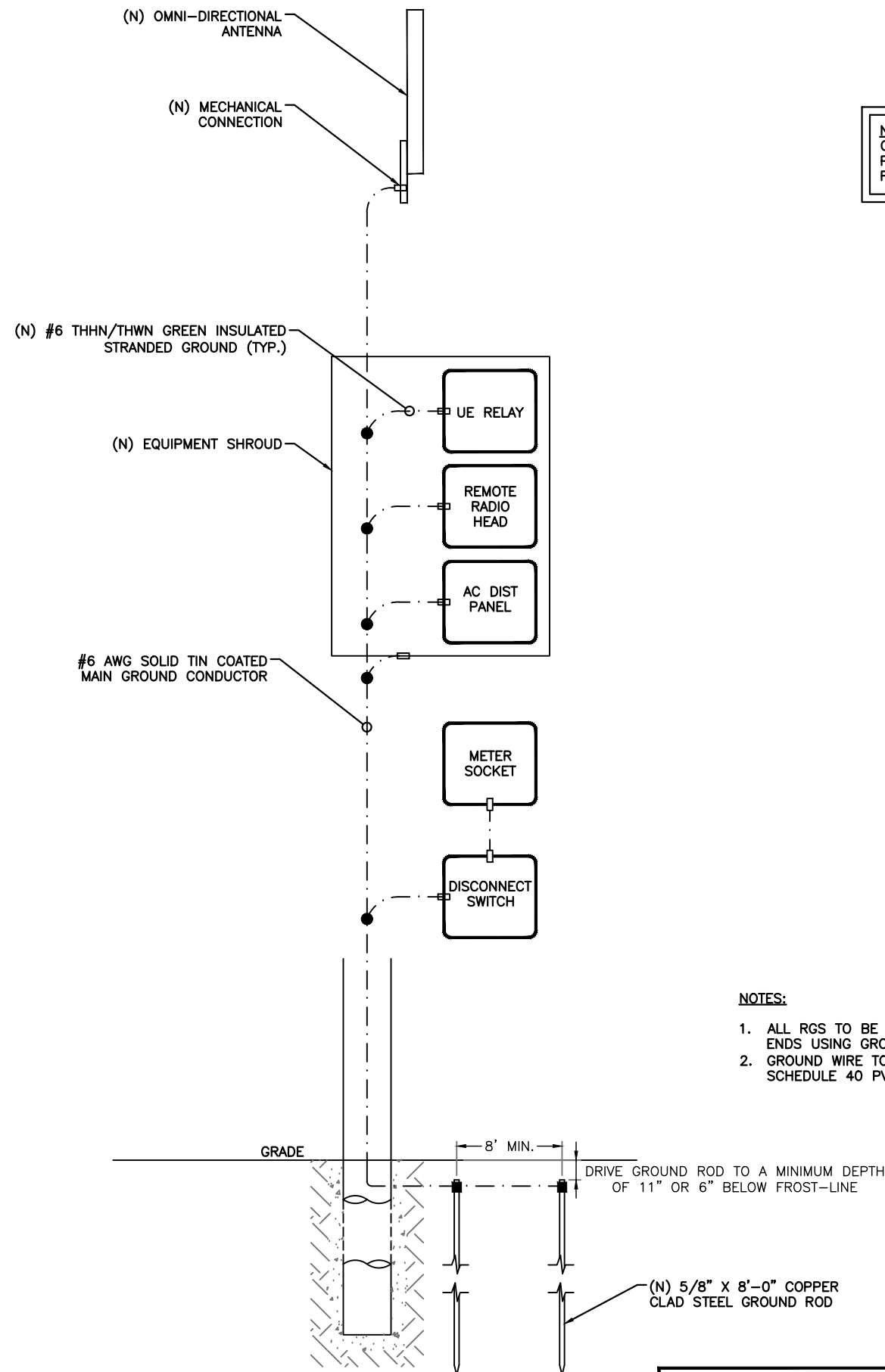
NOTE:

ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES.
CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE
USED FOR THIS PROJECT.

WELD CONNECTION DETAILS

SCALE: NOT TO SCALE

2



GROUNDING RISER DIAGRAM

SCALE: NOT TO SCALE

3

LEGEND

- CADWELD CONNECTION
- MECHANICAL CONNECTION
- COMPRESSION CONNECTION

NOTE:

GROUNDING RISER FOR DIAGRAMMATIC
PURPOSES ONLY. SEE ELEVATION DRAWING
FOR EQUIPMENT AND ANTENNA LOCATIONS.



3475 PIEDMONT ROAD NE
SUITE 1000
ATLANTA, GEORGIA 30305
PHONE: (312) 638-5400

PROJECT NO: ER600221

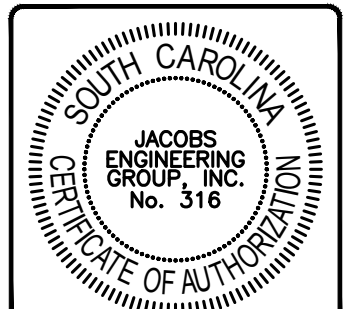
DRAWN BY: C. RAMEY

CHECKED BY: C. RAMEY

B	11.01.17	UPDATE CITY/POWER CLEARANCE
A	10.31.17	FOR REVIEW



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT



CR90XSDQSD
9SCB000954D
DART ST &
CHESTNUT ST
COLUMBIA, SC 29204
UTILITY POLE

SHEET TITLE

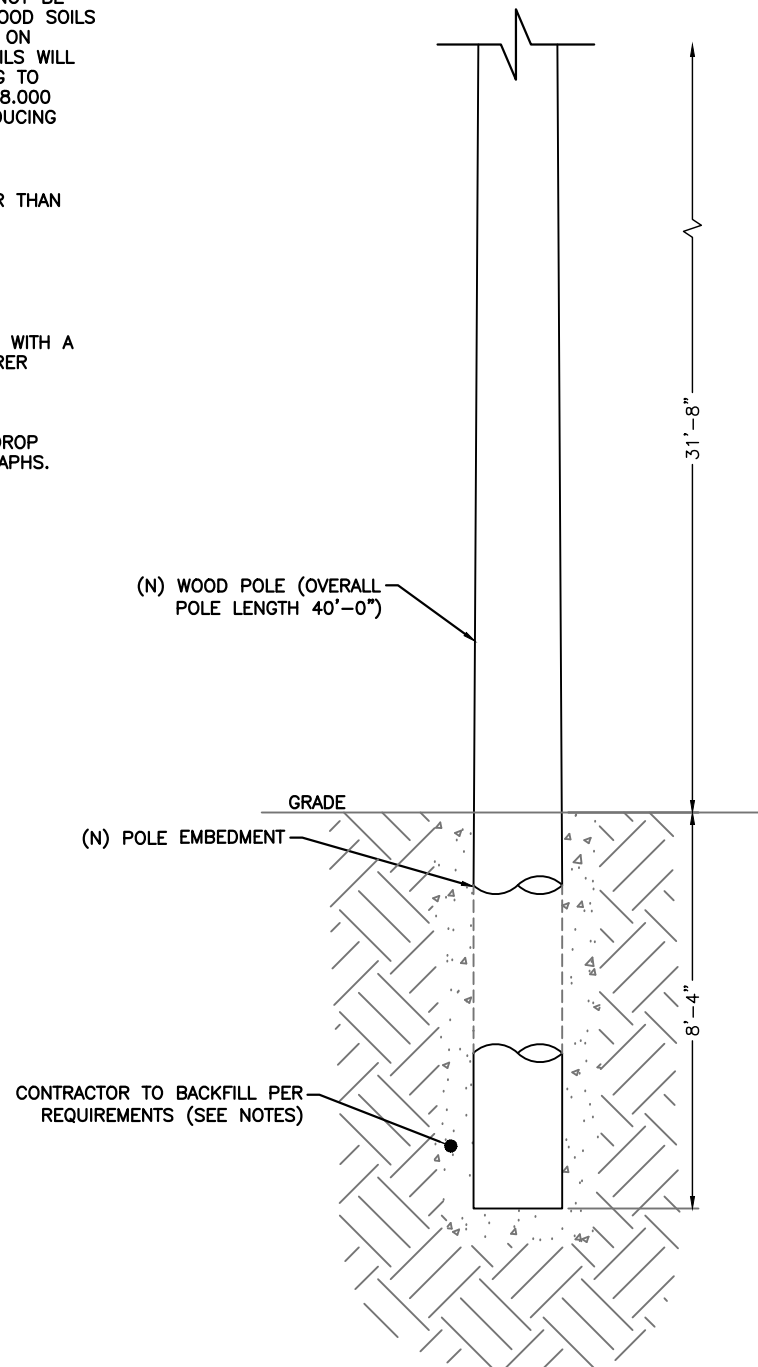
GROUNDING DETAILS

SHEET NUMBER

G-1

1. PRIOR TO ANY CONSTRUCTION WORK, CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES. ALL UTILITIES SHALL BE MARKED.
2. BACKFILL OF THE POLES SHALL BE PERFORMED BASED ON THE WATER TABLE. FLOWABLE FILL MIXTURES PURCHASED FROM CONCRETE PLANTS WILL BE USED INSTEAD OF FOAM IN WATER TABLE AREAS.
 - A: NORMAL SOILS ORDER OF PREFERENCE – FOAM, FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES
 - B: HIGH WATER TABLE SOILS ORDER OF PREFERENCES – FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES.
3. NON-NATIVE SOILS SHALL BE REMOVED FROM BORE AREA AND SHALL NOT BE REUSED FOR BACKFILL. EMBED DEPTHS SHOWN ARE GENERALLY FOR GOOD SOIL AND UTILITY WOOD POLES. EMBED DEPTHS SHALL BE ADJUSTED BASED ON ACTUAL SOIL CONDITIONS AND FINAL POLE CLASS SELECTION. POOR SOILS WILL REQUIRE DEEPER EMBEDS. SOIL CONDITIONS ARE CLASSIFIED ACCORDING TO BEARING CAPACITY: "POOR": 0 TO 2,500 PSI, "AVERAGE": 2,501 PSI TO 8,000 PSI, "GOOD": GREATER THAN 8,000 PSI. GUYING IS AN OPTION FOR REDUCING EMBED DEPTHS BUT REQUIRES MOBILITIE CM WRITTEN APPROVAL.
4. FOUNDATION HOLE SHALL BE EXCAVATED TO A MINIMUM OF 12" LARGER THAN POLE BASE DIAMETER TO ALLOW FOR SUITABLE BACKFILL PLACEMENT.
5. REMOVE EXCESS WATER FROM HOLE BEFORE INSTALLING POLE.
6. CONTRACTOR SHALL PREPARE LIFT PLANS FOR POLE SETTING ACTIVITIES WITH A BOOM TRUCK OR CRANE. ATTACH LIFTING SLING PER POLE MANUFACTURER RECOMMENDATIONS.
7. IF REQUIRED BY MOBILITIE CM, CONTRACTOR SHALL PERFORM A TAPE DROP MEASUREMENT OF EXCAVATED HOLE AND WITNESS DROP WITH PHOTOGRAPHS.

NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT (SEPARATE DOCUMENT) FOR ADDITIONAL STRUCTURAL INFORMATION.

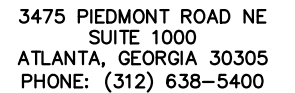


CLASS 1 POLE DIAMETER TABLE		
OVERALL POLE LENGTH	DIAMETER SIX FEET FROM BUTT	MIN. CIRC. SIX FEET FROM BUTT
20'-0"	9.9"	31.0"
25'-0"	10.7"	33.5"
30'-0"	11.6"	36.5"
35'-0"	12.4"	39.0"
40'-0"	13.1"	41.0"
45'-0"	13.7"	43.0"
50'-0"	14.3"	45.0"
55'-0"	14.8"	46.5"
60'-0"	15.3"	48.0"
65'-0"	15.8"	49.5"
70'-0"	16.2"	51.0"
75'-0"	16.7"	52.5"
80'-0"	17.2"	54.0"
85'-0"	17.8"	55.0"
90'-0"	17.8"	56.0"

NOTE:
FOR OVERALL POLE LENGTHS
BETWEEN TWO VALUES, SELECT THE
HIGHER POLE ON TABLE.

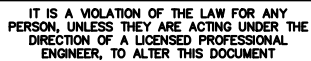
WOOD POLE LENGTH TABLE			
OVERALL POLE LENGTH	MINIMUM EMBED (10%+2')	REQUIRED EMBED TO MEET 5' INCREMENT	POLE HEIGHT ABOVE GROUND
25'-0"	4'-6"	5'-0"	20'-0'
30'-0"	5'-0"	9'-0"	21'-0'
30'-0"	5'-0"	8'-0"	22'-0'
30'-0"	5'-0"	7'-0"	23'-0'
30'-0"	5'-0"	6'-0"	24'-0'
30'-0"	5'-0"	5'-0"	25'-0'
35'-0"	5'-6"	9'-0"	26'-0'
35'-0"	5'-6"	8'-0"	27'-0"
35'-0"	5'-6"	7'-0"	28'-0'
35'-0"	5'-6"	6'-0"	29'-0"
40'-0"	6'-0"	10'-0"	30'-0"
40'-0"	6'-0"	9'-0"	31'-0"
40'-0"	6'-0"	8'-0"	32'-0"
40'-0"	6'-0"	7'-0"	33'-0"
40'-0"	6'-0"	6'-0"	34'-0"
45'-0"	6'-6"	10'-0"	35'-0"
45'-0"	6'-6"	9'-0"	36'-0"
45'-0"	6'-6"	8'-0"	37'-0"
45'-0"	6'-6"	7'-0"	38'-0"
50'-0"	7'-0"	11'-0"	39'-0"
50'-0"	7'-0"	10'-0"	40'-0"
50'-0"	7'-0"	9'-0"	41'-0"
50'-0"	7'-0"	8'-0"	42'-0"
50'-0"	7'-0"	7'-0"	43'-0"
55'-0"	7'-6"	11'-0"	44'-0"
55'-0"	7'-6"	10'-0"	45'-0"
55'-0"	7'-6"	9'-0"	46'-0"
55'-0"	7'-6"	8'-0"	47'-0"
60'-0"	8'-0'	12'-0"	48'-0"
60'-0"	8'-0'	11'-0"	49'-0"
60'-0"	8'-0'	10'-0"	50'-0"
60'-0"	8'-0'	9'-0"	51'-0"
60'-0"	8'-0'	8'-0"	52'-0"
65'-0"	8'-6"	12'-0"	53'-0"
65'-0"	8'-6"	11'-0"	54'-0"
65'-0"	8'-6"	10'-0"	55'-0"
65'-0"	8'-6"	9'-0"	56'-0"
70'-0"	9'-0"	13'-0"	57'-0"
70'-0"	9'-0"	12'-0"	58'-0"
70'-0"	9'-0"	11'-0"	59'-0"
70'-0"	9'-0"	10'-0"	60'-0"
70'-0"	9'-0"	9'-0"	61'-0"
75'-0"	9'-6"	13'-0"	62'-0"
75'-0"	9'-6"	12'-0"	63'-0'
75'-0"	9'-6"	11'-0"	64'-0"
75'-0"	9'-6"	10'-0"	65'-0'
80'-0"	10'-0"	14'-0"	66'-0'
80'-0"	10'-0"	13'-0"	67'-0"
80'-0"	10'-0"	12'-0"	68'-0"
80'-0"	10'-0"	11'-0"	69'-0"
80'-0"	10'-0"	10'-0"	70'-0"
85'-0"	10'-6"	14'-0"	71'-0'
85'-0"	10'-6"	13'-0"	72'-0"
85'-0"	10'-6"	12'-0"	73'-0"
85'-0"	10'-6"	11'-0"	74'-0"
90'-0"	11'-0"	15'-0"	75'-0"

NOTE:
FOR ABOVE GRADE HEIGHTS BETWEEN TWO
VALUES, SELECT THE HIGHER POLE ON TABLE.



CHECKED BY: C. RAMEY

B	11.01.17	UPDATE CITY/POWER CLEARANCE
A	10.31.17	FOR REVIEW



POLE EMBEDMENT DETAILS

S-1

POLE EMBEDMENT DETAILS

SCALE: NOT TO SCALE

1

1. ALL TEMPORARY TRAFFIC CONTROL SIGNAGE, LAYOUTS AND PROCEDURES SHALL COMPLY WITH LOCAL JURISDICTIONAL REQUIREMENTS AND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, WHICHEVER IS MORE STRINGENT.
2. PRIOR TO ANY ROAD CONSTRUCTION, TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE IN PLACE.
3. TRAFFIC CONTROL DEVICES FOR LANE CLOSURES INCLUDING SIGNS, CONES, BARRICADES, ETC. SHALL BE PLACED AS SHOWN ON PLANS. SIGNS SHALL NOT BE PLACED WITHOUT ACTUAL LANE CLOSURES AND SHALL BE IMMEDIATELY REMOVED UPON REMOVAL OF THE CLOSURES.
4. SELECTION, PLACEMENT, MAINTENANCE, AND PROTECTION OF TRAFFIC, PEDESTRIANS, AND WORKERS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) – PART VI "TEMPORARY TRAFFIC CONTROL", AND LOCAL JURISDICTIONAL REQUIREMENTS UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS, AND SHALL BE APPROVED BY THE APPROPRIATE HIGHWAY AUTHORITY HAVING JURISDICTION.
5. ADVANCE WARNING SIGNS, DISTANCES, AND TAPER LENGTHS MAY BE EXTENDED TO ADJUST FOR REDUCED VISIBILITY DUE TO HORIZONTAL AND VERTICAL CURVATURE OF THE ROADWAY AND FOR ACTUAL TRAFFIC SPEEDS IF IN EXCESS OF POSTED SPEED LIMITS.
6. TAPERS SHALL BE LOCATED TO MAXIMIZE THE VISIBILITY OF THEIR TOTAL LENGTH.
7. CONFLICTING OR NON-OPERATING SIGNAL INDICATIONS ON THE (E) TRAFFIC SIGNAL SYSTEMS SHALL BE BAGGED OR COVERED.
8. ALL (E) ROAD SIGNS, PAVEMENT MARKINGS AND/OR PLOWABLE PAVEMENT REFLECTORS WHICH CONFLICT WITH THE (N) TRAFFIC CONTROL PLAN SHALL BE COVERED, REMOVED, OR RELOCATED. ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO MATCH PRE-CONSTRUCTION CONDITION AFTER COMPLETION OF WORK.
9. CONTRACTOR SHALL CONTACT LOCAL AUTHORITY HAVING HIGHWAY JURISDICTION AND PROVIDE ADDITIONAL "FLAGMEN" OR POLICE SUPERVISION, IF REQUIRED.
10. ALL EXCAVATED AREAS WITHIN OR ADJACENT TO THE ROADWAY SHALL BE BACKFILLED AND PLACED ON A MINIMUM 6H:1V SLOPE PRIOR TO END OF EACH WORK DAY. OTHER EXCAVATED AREAS WITHIN THE CLEAR ZONE ARE TO BE EITHER BACKFILLED OR PRECAST CONCRETE CURB BARRIER CONSTRUCTION BARRIER SET TEMPORARILY IN PLACE TO SHIELD VEHICULAR AND PEDESTRIAN TRAFFIC.
1. WHERE DICTATED BY LOCAL CONDITIONS, THE CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING PEDESTRIAN AND WORKER CROSSING LOCATIONS IN ACCORDANCE WITH ALL APPLICABLE CODES AND OSHA REQUIREMENTS.
2. CONSTRUCTION ZONE SPEED LIMIT IF REDUCED FROM POSTED LIMITS SHALL BE IN ACCORDANCE WITH MUTCD AND WILL BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
3. THERE SHALL BE NO WORKERS, EQUIPMENT, OR OTHER VEHICLES IN THE BUFFER SPACE OR THE ROLL AHEAD SPACE.
4. DRIVEWAYS AND/OR SIDE STREETS ENTERING THE ROADWAY AFTER THE FIRST ADVANCE WARNING SIGN SHALL BE PROVIDED WITH AT LEAST ONE W20-1 SIGN (ROAD WORK AHEAD) AS A MINIMUM.
5. CONES MAY BE SUBSTITUTED FOR DRUMS AND INSTALLED UPON THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION PROVIDED THEY COMPLY WITH MUTCD.
6. THE SPACING BETWEEN CONES, TUBULAR MARKERS, VERTICAL PANELS, DRUMS, AND BARRICADES SHOULD NOT EXCEED A DISTANCE IN FEET EQUAL TO 1.0 TIMES THE SPEED LIMIT IN MPH WHEN USED FOR TAPER CHANNELIZATION, AND A DISTANCE IN FEET EQUAL TO 2.0 TIMES THE SPEED LIMIT IN MPH WHEN USED FOR TANGENT CHANNELIZATION.
7. WHEN CHANNELIZATION DEVICES HAVE THE POTENTIAL OF LEADING VEHICULAR TRAFFIC OUT OF THE INTENDED VEHICULAR TRAFFIC SPACE, THE CHANNELIZATION DEVICES SHOULD BE EXTENDED A DISTANCE IN FEET OF 2.0 TIMES THE SPEED LIMIT IN MPH BEYOND THE DOWNSTREAM END OF THE TRANSITION AREA.
8. TAPER LENGTHS ARE CALCULATED AS FOLLOWS:
 $L = WS^2/60$ (40 MPH AND HIGHER) OR $L2 = WS$ (OVER 40 MPH),
WHERE W= OFFSET WIDTH (FT), S= TRAFFIC SPEED (MPH).



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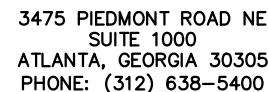
1



1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, THE LATEST ADOPTED EDITION AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
2. CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND LATEST MOBILITE CONSTRUCTION STANDARDS. THE SPECIFICATION IS THE RULING DOCUMENT AND ANY DISCREPANCIES BETWEEN THE SPECIFICATION AND THE CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OR MOBILITE CM PRIOR TO THE COMMENCEMENT OF WORK.
3. CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE (N) WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED, AS SHOWN, PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OR MOBILITE CM PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
4. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ANY/ALL ITEMS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM SUBJECT ONLY TO OWNER-SUPPLIED ITEMS. CONTRACTOR SHALL PROVIDE ANY/ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
5. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS. OWNER PROVIDED AND CONTRACTOR INSTALLED MATERIALS WILL INCLUDE THE FOLLOWING, UNLESS NOTED OTHERWISE:
 - A) TRANSMITTER
 - B) UHF ANTENNA AND MOUNTING BRACKETS, GPS UNIT AND KU BACKHAUL
 - C) UHF COAX AND HANGERS
 - D) INTEGRATED LOAD CENTER
6. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS. SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, (E) CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO THE ATTENTION OF THE MOBILITE CM, IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
7. DETAILS PROVIDED ARE FOR THE PURPOSE OF SHOWING DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR SITE CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
8. CONTRACTOR SHALL PAY FOR APPLICABLE PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO ORDERING MATERIALS AND THE COMMENCEMENT OF WORK.
9. THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
10. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
11. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING ACCEPTED INDUSTRY-STANDARD SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
13. CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE MOBILITE CM AND SCHEDULE THEIR ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS.

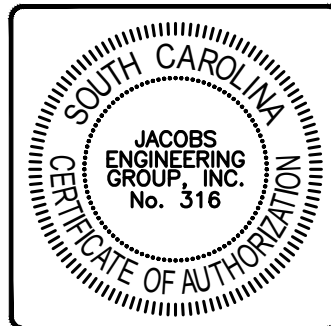
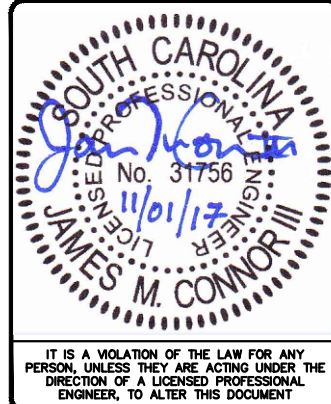
- ELECTRICAL NOTES:**

2. ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL (E) CONDITIONS OF ELECTRICAL EQUIP., ETC., THAT ARE PART OF THE FINAL SYSTEM, SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF THEIR BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC, ALL CODES AND ORDINANCES OF THE LOCAL JURISDICTION, AND POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT ARE NOT BE LIMITED TO:
 - A) UL – UNDERWRITERS LABORATORIES
 - B) NEC – NATIONAL ELECTRICAL CODE
 - C) NEMA – NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 - D) OSHA – OCCUPATIONAL SAFETY AND HEALTH ACT
 - E) SBC – STANDARD BUILDING CODE
 - F) NFPA – NATIONAL FIRE PROTECTION AGENCY
 - G) ANSI – AMERICAN NATIONAL STANDARDS INSTITUTE
 - H) IEEE – INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 - I) ASTM – AMERICAN SOCIETY FOR TESTING MATERIALS
4. REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH MOBILITIE CM ANY SIZES AND LOCATIONS WHEN NEEDED.
5. (E) SERVICES: CONTRACTOR SHALL NOT INTERRUPT (E) SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
6. CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC... ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE MOBILITIE CM, PRIOR TO BEGINNING ANY WORK.
7. MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THWN INSULATION, UNLESS OTHERWISE NOTED.
8. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
9. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
10. ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY APPLICANT.
11. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY FUNCTIONAL AND SHALL BE APPROVED BY THE MOBILITIE CM AND LOCAL JURISDICTION. ANY DEFICIENCIES SHALL BE CORRECTED BY AN ELECTRICAL CONTRACTOR AT THE SOLE COST OF THE CONTRACTOR.
12. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.



PROJECT NO:	ER600221
DRAWN BY:	C. RAMEY
CHECKED BY:	C. RAMEY

B	11.01.17	UPDATE CITY/POWER CLEARANCE
A	10.31.17	FOR REVIEW



CR90XSDQSD
9SCB000954D
DART ST &
CHESTNUT ST
COLUMBIA, SC 29204
UTILITY POLE

SHEET TITLE

GENERAL NOTES

SHEET NUMBER
GN-1

13. THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
14. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
15. DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS 'EXCAVATION, AND BACKFILLING.
16. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IECE.
17. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURER'S CATALOG INFORMATION OF ANY/ALL EQUIPMENT AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE MOBILITIE CM PRIOR TO INSTALLATION.
18. ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE MOBILITIE CM UPON FINAL ACCEPTANCE.
19. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
20. DISCONNECT SWITCHES SHALL BE UL-RATED, H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
21. ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND KNOWN AS "NO-OXIDE A" BY DEARBORNE CHEMICAL CO. COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.
22. RACEWAYS: CONDUIT SHALL BE SCHEDULE 80 PVC MEETING OR EXCEEDING NEMA TC2 - 1990. CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. RGS CONDUITS WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. COAT ALL THREADS WITH 'BRITE ZINC' OR 'COLD GALV'.
23. SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
24. CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER WITH TYPE THWN INSULATION, UNLESS OTHERWISE NOTED, 600 VOLT, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
25. CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
26. SERVICE: AS SPECIFIED ON THE DRAWINGS. OWNER OR OWNER'S AGENT WILL APPLY FOR POWER. ALL PROVISIONS FOR TEMPORARY POWER WILL BE OBTAINED BY THE CONTRACTOR.
27. TELEPHONE OR FIBER SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
28. ELECTRICAL AND TELCO/FIBER RACEWAYS TO BE BURIED A MINIMUM DEPTH OF 30", UNLESS OTHERWISE NOTED.
29. CONTRACTOR SHALL PLACE 6" WIDE DETECTABLE WARNING TAPE AT A DEPTH OF 6" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOM".
30. ALL BOLTS SHALL BE 3-16 STAINLESS STEEL

1. ALL HARDWARE SHALL BE 3-16 STAINLESS STEEL, INCLUDING LOCK WASHERS. COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND, AS SPECIFIED, BEFORE MATING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8 INCH DIAMETER OR SIZED TO MATCH COMPONENTS OR LOG SIZE.
2. FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
3. ALL STEEL CONDUIT SHALL BE BONDED AT BOTH ENDS WITH GROUNDING BUSHING.
4. ALL ELECTRICAL AND GROUNDING AT THE POLE SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER.
5. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
6. GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING #6 GROUND WIRES. FOLLOW ANTENNA AND BTS MANUFACTURER'S PRACTICES FOR GROUNDING REQUIREMENTS.
7. ALL GROUND CONNECTIONS SHALL BE #6 AWG, UNLESS OTHERWISE NOTED. USE SOLID COPPER, BLACK JACKETED WIRE ON NON WOOD POLES AND SOLID TINNED COPPER, BARE (NO JACKET) WIRES ON WOOD POLES. BLACK WIRES WILL USE A SINGLE STRIPE OF GREEN ELECTRICAL TAPE WITHIN 12" OF THE CONNECTION POINTS TO IDENTIFY AS GROUNDING WIRE.
8. NOTIFY ARCHITECT/ENGINEER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
9. ALL HORIZONTALLY RUN GROUNDING CONDUCTORS SHALL BE INSTALLED A MINIMUM OF 30" BELOW GRADE/ 6" BELOW FROST-LINE IN TRENCH, UNLESS OTHERWISE NOTED. BACK FILL SHALL BE COMPACTED AS REQUIRED BY ARCHITECT/ENGINEER.
10. ALL GROUND CONDUCTORS SHALL BE RUN AS STRAIGHT AND SHORT AS POSSIBLE, WITH A MINIMUM 12" BENDING RADIUS NOT LESS THAN 90 DEGREES.
11. ACCEPTABLE CONNECTIONS FOR GROUNDING SYSTEM SHALL BE:
 - A. BURNDY, HY--GRADE U.L. LISTED CONNECTORS FOR OUTDOOR USE OR AS APPROVED BY APPLICANT PROJECT MANAGER.
 - B. CADWELD, EXOTHERMIC WELDS (WELDED CONNECTIONS).
 - C. ONE (1) OR (2) HOLES TINNED COPPER COMPRESSION (LONG BARREL) FITTINGS.
12. ALL CRIMPED CONNECTIONS SHALL HAVE EMBOSSED MANUFACTURER'S DIEMARK VISIBLE AT THE CRIMP (RESULTING FROM USE OF PROPER CRIMPING DEVICES) AND WEATHER-PROOFED WITH HEAT SHRINK.
13. ALL CONNECTION HARDWARE SHALL BE TYPE 3-16 STAINLESS STEEL (NOT ATTRACTED TO MAGNETS).
14. ELECTRICAL SERVICE EQUIPMENT GROUNDING SHALL COMPLY WITH NEC, ARTICLE 250-82 AND SHALL BOND ALL (E) AND NEW GROUNDING ELECTRODES. NEW GROUNDING ELECTRODE SHALL INCLUDE BUT NOT LIMITED TO GROUND RODS.

1. RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT TESTING WILL COMPLY WITH CURRENT INDUSTRY STANDARDS AND OR THOSE STANDARDS OF THE EQUIPMENT MANUFACTURER OR PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
2. CONTRACTOR WILL USE THE APPROPRIATE CALIBRATED TESTING EQUIPMENT IN THE TESTING OF RF CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HAUL EQUIPMENT THAT MEET INDUSTRY STANDARDS OF THE MANUFACTURER OR THOSE STANDARDS PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.

5. ALL NEW AND (E) UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK. ANY COST RELATED TO ADJUSTING (E) STRUCTURES SHALL BE BORNE SOLELY BY THE CONTRACTOR.
6. GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO (E) GRADES AT THE GRADING LIMITS.
7. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.



SITE WORK NOTES CONT'D

8. STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY, UNLESS OTHERWISE NOTED.
9. NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
10. ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
11. ANY FILLS PLACED ON (E) SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE (E) SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
12. CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO DEBRIS, PAPER, TRASH, WEEDS, BRUSH, EXCESS FILL, OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
13. ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
14. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.

ENVIRONMENTAL NOTES:

1. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
3. CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES AS REQUIRED BY THE LOCAL JURISDICTION WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
4. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH SILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTY AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
7. CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
8. SEEDING AND MULCHING AND/OR SODDING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE, BUT IS NOT LIMITED TO SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
10. RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCES.

11. GC TO PLACE FILTER MATERIAL AT ALL CATCH BASINS ADJACENT TO CONSTRUCTION SITE TO PREVENT SOLID WASTE CONTAMINATION FROM ENTERING SEWER SYSTEM

FOUNDATION, EXCAVATION AND BACKFILL NOTES:

1. ALL FINAL GRADED SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE NOTED.
2. BACKFILL OF THE POLES SHALL BE PERFORMED BASED ON THE WATER TABLE. FLOWABLE FILL MIXTURES PURCHASED FROM CONCRETE PLANTS WILL BE USED INSTEAD OF FOAM IN WATER TABLE AREAS.

A: NORMAL SOILS ORDER OF PREFERENCE – FOAM, FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES

B: HIGH WATER TABLE SOILS ORDER OF PREFERENCES – FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES.
3. ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF POUNDING WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
4. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL. IF ADEQUATE BEARING CAPACITY IS NOT ACHIEVED AT THE DESIGNED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE OF THE SAME TYPE SPECIFIED FOR THE FOUNDATION. CRUSHED LIME STONE #57 MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
5. ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS EARTH, LOAM, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE, FREE FROM CLODS OR LARGE STONES OVER 2 1/2" MAX DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
6. ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 6" THICK LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE WETTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL IN ACCORDANCE WITH ASTM D1557.
7. NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
8. FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SLAB FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MAXIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL GRAVEL TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
9. NEWLY GRADED GRAVEL SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE: TYPAR-3401 AS MANUFACTURED BY TYPAR GEOSYNTHETICS OR AN APPROVED EQUIVALENT, SHOWN ON PLANS. THE GEOTEXTILE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE RECURRENCE OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHICH EVER IS GREATER. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 4" DEEP COMPACTED STONE OR GRAVEL AS SPECIFIED. I.E. FDOT TYPE NO. 57 FOR FENCED COMPOUND; FDOT TYPE NO. 67 FOR ACCESS DRIVE AREA, UNLESS OTHERWISE NOTED.
10. IN ALL AREAS TO RECEIVE FILL: REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BIND WITH (E)/PREPARED SOIL SURFACE.
11. WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL, SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILLS.

12. IN AREAS WHICH (E) GRAVEL SURFACING IS REMOVED OR DISTURBED DURING CONSTRUCTION OPERATIONS, REPLACE GRAVEL SURFACING TO MATCH ADJACENT GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES.

13. (E) GRAVEL SURFACING MAY NOT BE REUSED.

14. GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTION AND SUB GRADE ELEVATIONS BEFORE GRAVEL SURFACING IS PLACED AND/OR RESTORED. ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.

15. PROTECT (E) GRAVEL SURFACING AND SUB GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING 'MATTS' OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO (E) GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.

16. DAMAGE TO (E) STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/ OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.

17. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT.



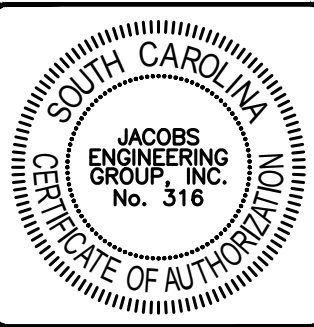
3475 PIEDMONT ROAD NE
SUITE 1000
ATLANTA, GEORGIA 30305
PHONE: (312) 638-5400

PROJECT NO:	ER600221
DRAWN BY:	C. RAMEY
CHECKED BY:	C. RAMEY

B	11.01.17	UPDATE CITY/POWER CLEARANCE
A	10.31.17	FOR REVIEW



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT



CR90XSDQSD
9SCB000954D
DART ST &
CHESTNUT ST
COLUMBIA, SC 29204
UTILITY POLE

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

GN-3







WIRELESS ATTACHMENT LICENSE AGREEMENT

This Wireless Attachment License Agreement (the "License Agreement") made this 17th day of June, 2016, (Commencement Date) between South Carolina Electric & Gas Company, with its principal offices located at 220 Operation Way, Cayce, SC 29033-3701, hereinafter designated "Owner" and Mobilitie, LLC, a Nevada limited liability company, with offices located at 2220 University Drive, Newport Beach, CA 92660 hereinafter designated "Licensee." Owner and Licensee are at times collectively referred to hereinafter as the "Parties" or individually as the "Party."

WITNESSETH

Whereas, Owner is the owner of certain property or infrastructure facilities; and

Whereas, Licensee desires to install, maintain and/or operate ("Wireless Facilities") in and/or upon certain of Owner's poles and/or property, excluding electric distribution and transmission poles; and

Whereas, Owner and Licensee desire to enter into this License Agreement to define the general terms and conditions which would govern their relationship with respect to particular sites at which Owner may wish to permit Licensee to install, maintain and operate communications equipment as hereinafter set forth; and

NOW, THEREFORE, in consideration of the mutual covenants, terms, and conditions herein, and other good and valuable consideration, the Parties do hereby mutually covenant and agree as follows:

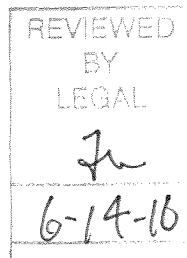
IN WITNESS WHEREOF, the Parties have entered into this License Agreement as of the day and year first above written.

South Carolina Electric & Gas Company

By: 
Printed
Name: Daniel F. Kassis
Title: VP, Customer Relations
And Renewables
Date: 6/17/16

Mobilitie, LLC

By: 
Printed
Name: Christos Karmis
Title: President
Date: 5/20/16



BEFORE
THE PUBLIC SERVICE COMMISSION OF
SOUTH CAROLINA
DOCKET NO. 2010-355-C - ORDER NO. 2011-132
FEBRUARY 15, 2011

IN RE: Application of Mobilitie, LLC for a	)	ORDER GRANTING
Certificate of Public Convenience and	)	CERTIFICATE AND
Necessity to Provide Resold and Facilities-	)	APPROVING FLEXIBLE
Based Local Exchange and Interexchange	)	REGULATION
Telecommunications Services in the State of	)	
South Carolina and for Flexible Regulation	)	

This matter comes before the Public Service Commission of South Carolina ("Commission") by way of the Application of Mobilitie, LLC ("Mobilitie" or the "Company") requesting a Certificate of Public Convenience and Necessity authorizing it to provide resold and facilities-based interexchange and local exchange telecommunications services within the State of South Carolina. The Company's Application was filed pursuant to S.C. Code Ann. §58-9-280 (Supp. 2010) and the rules and regulations of the Commission. By its Application, Mobilitie also requests flexible regulation of its local exchange service offerings pursuant to Order No. 98-165 in Docket No. 1997-467-C, and waiver of certain Commission regulations.

The Commission's Clerk's Office instructed Mobilitie to publish, one time, a Notice of Filing in newspapers of general circulation in the areas of the state affected by the Application. The purpose of the Notice of Filing was to inform interested parties of the Application of Mobilitie and of the manner and time in which to file the appropriate pleadings for participation in the proceeding. Mobilitie complied with this instruction

and provided the Commission with proof of publication of the Notice of Filing. A Petition to Intervene was filed by the South Carolina Telephone Coalition (“SCTC”). Subsequent to the intervention, Mobilitie and the SCTC reached a Stipulation, attached hereto as Order Exhibit 1. The South Carolina Office of Regulatory Staff (“ORS”) is a party to this Docket pursuant to statute.

A hearing was convened on January 27, 2011, at 10:00 a.m. in the Commission’s Law Library in Columbia, South Carolina, before F. David Butler, Esquire, Hearing Examiner. Mobilitie was represented by John J. Pringle, Jr., Esquire. The ORS was represented by Shealy Boland Reibold, Esquire. Gene Beall, Executive Vice President, Strategy and Services, of the Company appeared via video conference and testified in support of the Company’s Application.

The record reveals that Mobilitie is a limited liability company organized under the laws of the State of Nevada and authorized to transact business in South Carolina as a foreign company. According to Mr. Beall, the Company seeks authority to provide local exchange and interexchange services. Mr. Beall explained the Company’s request for authority, and the record further reveals the Company’s services, operations, and marketing procedures.

The Company’s primary market is as a carrier’s carrier. The Company’s service allows wireless carriers to expand the coverage of wireless services with less intrusive facilities. Mobilitie’s radio frequency (RF) transport service helps wireless providers eliminate dead spots and increase bandwidth needed for emerging and future services, by means of fiber optics and small, unobtrusive antennas located primarily on existing utility

and/or streetlight poles. The Company has no plans to offer services to residential or business end-user customers at this time.

Mr. Beall also discussed Mobilitie's technical, financial, and managerial resources to provide the services for which it seeks authority. Mr. Beall offered that Mobilitie possesses sufficient financial resources to support its operations in South Carolina. With regard to management and technical capabilities, the Company's Application and Mr. Beall's testimony both evidence that Mobilitie's management has experience in telecommunications, information technology, regulatory matters, and accounting and finance. Mr. Beall also testified that Mobilitie will operate in accordance with Commission rules, regulations, guidelines, and Commission Orders. Mr. Beall offered that approval of Mobilitie's Application would serve the public interest. Mr. Beall, on behalf of the Company, requested an exemption of Rule 103-610, requiring the maintenance of its records in the State of South Carolina. Mr. Beall, on behalf of the Company, also requested an exemption of Rule 103-611, requiring maintenance of financial records in conformance with the Uniform System of Accounts ("USOA"). Mobilitie maintains its books in accordance with Generally Accepted Accounting Principles ("GAAP").

After consideration of the applicable law, the Company's Application, and the evidence presented at the hearing, the Commission hereby issues its findings of fact and conclusions of law:

FINDINGS OF FACT

1. Mobilitie is organized as a limited liability company under the laws of the State of Nevada, and is authorized to do business as a foreign company in South Carolina by the Secretary of State.

2. Mobilitie desires to operate as a provider of resold and facilities-based local and interexchange services in South Carolina.

3. We find that Mobilitie possesses the managerial experience and capability to operate as a provider of local exchange services and interexchange services in South Carolina.

4. We find that Mobilitie possesses sufficient financial resources to provide the services as described in its Application and testimony.

5. We find that the issuance of a Certificate of Public Convenience and Necessity to Mobilitie to operate as a provider of interexchange and local exchange telecommunications services in South Carolina would be in the best interest of the citizens of South Carolina by providing more innovative services.

6. We find that Mobilitie does not intend to offer prepaid calling card services but, in the event that Mobilitie in the future offers or provides such a service, Mobilitie shall post a surety bond or certificate of deposit for prepaid calling card and long distance services in the amount of \$5,000, as required by the Commission.

7. Mobilitie requests a waiver of 26 S.C. Code Ann. Regs. 103-610. The Commission finds Mobilitie's requested waiver reasonable and understands the potential difficulty presented to Mobilitie should the waiver not be granted. Further, we find that a

waiver of 26 S.C. Code Ann. Regs. 103-610 is in the public interest. We also believe that exemption from the policies that would require the Company to keep its records in the State of South Carolina is reasonable. Mobilitie also requests a waiver of 26 S.C. Code Ann. Regs. 103-611. The Commission finds Mobilitie's requested waiver reasonable and understands the potential difficulty presented to Mobilitie should the waiver not be granted. Further, we find a waiver of 26 S.C. Code Ann. Regs. 103-611 to be in the public interest. We also believe that exemption from the policies that would require the Company to keep its records under the USOA is reasonable.

8. The Company has the managerial, technical, and financial resources to provide the services as described in its Application. S.C. Code Ann. Section 58-9-280 (B) (1) (Supp. 2010).

9. The Commission finds that the Company's "provision of service will not adversely impact the availability of affordable local exchange service." S.C. Code Ann. Section 58-9-280 (B) (3) (Supp. 2010).

10. The Commission finds that the Company will support universally available telephone service at affordable rates. S.C. Code Ann. Section 58-9-280 (B) (4) (Supp. 2010).

11. The Commission finds that services to be provided by the Company will meet the service standards of the Commission. S.C. Code Ann. Section 58-9-280 (B) (2) (Supp. 2010).

12. The Commission finds that the provision of local exchange service by the Company “does not otherwise adversely impact the public interest.” S.C. Code Ann. Section 58-9-280(B)(5) (Supp. 2010).

13. Following execution of a Stipulation with the Intervenor SCTC, the SCTC withdrew its opposition to the Application.

CONCLUSIONS OF LAW

1. The Commission concludes that Mobilitie possesses the managerial, technical, and financial resources to provide the services as described in its Application.

2. The Commission concludes that Mobilitie will participate in the support of universally available telephone service at affordable rates to the extent that Mobilitie may be required to do so by the Commission.

3. The Commission concludes that Mobilitie will provide services which will meet the service standards of the Commission.

4. The Commission concludes that approval of Mobilitie’s Application to provide intrastate telecommunications services within South Carolina will serve the public interest by providing for efficient use of existing telecommunications resources.

5. The Commission concludes that the provision of telecommunications service by Mobilitie will not adversely impact the public interest.

6. The Commission concludes that the issuance of the authority to provide intrastate interexchange and local exchange telecommunications services as requested by Mobilitie and as set forth in its Application and Mr. Beall’s testimony is in the best interest of the citizens of the State of South Carolina.

7. The Commission concludes that a Certificate of Public Convenience and Necessity should be granted to Mobilitie to provide resold and facilities-based intrastate interexchange and local exchange telecommunications services.

8. The Commission adopts a rate design for Mobilitie for any residential interexchange services it may offer which include maximum rate levels for each tariff charge. A rate structure incorporating maximum rate levels with the flexibility for adjustment below the maximum rate levels has been previously adopted by the Commission. *In Re: Application of GTE Sprint Communications Corporation, etc.*, Order No. 84-622, issued in Docket No. 84-10-C (August 2, 1984).

9. Mobilitie shall not adjust any residential interexchange rates for end-users below the approved maximum level without notice to the Commission and to the public. Mobilitie shall file its proposed rate changes, publish its notice of such changes, and file affidavits of publication with the Commission two weeks prior to the effective date of the changes. However, the public notice requirement is waived, and therefore not required, for reductions below the maximum cap in instances which do not affect the general body of subscribers or do not constitute a general rate reduction. *In Re: Application of GTE Sprint Communications, etc.*, Order No. 93-638, issued in Docket No. 84-10-C (July 16, 1993). Any proposed increase in the maximum rate level for residential interexchange services that may be reflected in the tariff which would be applicable to the general body of the Company's subscribers shall constitute a general ratemaking proceeding and will be treated in accordance with the notice and hearing provisions of S.C. Code Ann. §58-9-540 (Supp. 2010).

10. The Commission concludes the Company's local exchange telecommunications services shall be regulated in accordance with the principles and procedures established for flexible regulation first granted to NewSouth Communications by Order No. 98-165 in Docket No. 97-467-C. Specifically, the Commission adopts for the Company's competitive intrastate local exchange services a rate structure incorporating maximum rate levels with the flexibility for adjustment below the maximum rate levels approved by the Commission. Further, the Company's local exchange service tariff filings are presumed valid upon filing. An investigation of the tariff filing may be instituted within 30 days of the tariff filing, in which case the tariff filing would be suspended pending further Order of the Commission. If an investigation is instituted on a particular tariff filing, notice of the investigation will be provided to the person or entity making the tariff filing and to the Commission. The notice is timely if dated within thirty days of the filing date. Further, any such tariff filings will be subject to the same monitoring process as similarly situated local exchange carriers.

11. We conclude that Mobilitie's request for waiver of 26 S.C. Code Ann. Regs. 103-610 and 103-611 should be granted, since strict compliance with those regulations potentially causes undue hardship on the Company.

IT IS THEREFORE ORDERED, ADJUDGED, AND DECREED THAT:

1. A Certificate of Public Convenience and Necessity should be granted to Mobilitie to provide resold interexchange services through tariffs approved by the Commission and by means of its own facilities as applicable, as well as to provide resold

and facilities-based local exchange telecommunications services within the State of South Carolina.

2. The Company's Application and Mr. Beall's testimony indicate the Company's primary market is as a carrier's carrier. If the Company should decide to begin offering services to end-user retail customers in the future, the Company shall notify the Commission and ORS and modify its tariff accordingly.

3. The Company's rate designs for its products shall conform to those designs described in Conclusions of Law above.

4. If it has not already done so by the date of issuance of this Order, Mobilitie shall file its revised tariff, if any, and an accompanying price list for any applicable rates within thirty (30) days of receipt of this Order. The revised tariff shall be consistent with the findings of this Order and shall be consistent with the Commission's Rules and Regulations.

5. Mobilitie agrees it will file its final, revised tariff utilizing the Commission's e-filing system for tariffs. The revised tariff should be electronically filed in a text searchable PDF format using the Commission's DMS System (<http://dms.psc.sc.gov>). An additional copy should be sent via email to etariff@psc.sc.gov to be included in the Commission's ETariff System (<http://etariff.psc.sc.gov>). Future revisions to the tariff should be made using the ETariff System. The revised tariff shall be consistent with the findings of this Order and shall be consistent with the Commission's Rules and Regulations.

6. Any retail interexchange service offered by the Company will be subject to access charges pursuant to Commission Order No. 86-584, in which the Commission determined that for access purposes resellers and facilities-based interexchange carriers should be treated similarly.

7. With regard to any resale of service by the Company, an end-user should be able to access another interexchange carrier or operator service provider if the end-user so desires.

8. In any provision of retail interexchange or local exchange services, Mobilitie shall resell the services of only those interexchange carriers or LECs authorized to do business in South Carolina by this Commission.

9. With regard to the origination and termination of toll calls within the same LATA, Mobilitie shall comply with the terms of Order No. 93-462, Order Approving Stipulation and Agreement, in Docket Nos. 92-182-C, 92-183-C, and 92-200-C (June 3, 1993), with the exception of the 10-XXX intraLATA dialing requirement, which has been rendered obsolete by the toll dialing parity rules established by the FCC pursuant to the Telecommunications Act of 1996 (47 C.F.R. § 51.209). Specifically, where applicable, Mobilitie shall comply with the imputation standard as adopted by Order No. 93-462 and more fully described in paragraph 4 of the Stipulation and Appendix B approved by Order No. 93-462.

10. Mobilitie shall file annual financial information in the form of annual reports and gross receipts reports as required by the Commission. The annual report and the gross receipt report will necessitate the filing of intrastate information. Therefore,

Mobilitie shall keep financial records on an intrastate basis for South Carolina to comply with the annual report and gross receipts filings. The proper form for filing annual financial information can be found at the Commission's website or at the ORS's website at www.regulatorystaff.sc.gov. The title of this form is "Telecommunications Company Annual Report." This form shall be utilized by the Company to file annual financial information with the Commission and ORS and shall be filed no later than **April 1st**.

Commission gross receipts forms are due to be filed with the Commission and ORS no later than **August 31st** of each year. The proper form for filing gross receipts information can be found at the ORS website at www.regulatorystaff.sc.gov, and the appropriate form is entitled "Gross Receipts Form."

Each telecommunications company certified in South Carolina is required to file annually with the ORS the South Carolina Universal Service Fund ("USF") Contribution Worksheet, which may be found on the ORS's website at www.regulatorystaff.sc.gov. This worksheet provides ORS information required to determine each telecommunications company's liability to the State USF fund. The State USF worksheet is due to be filed annually no later than **July 1st** with ORS.

11. The Company shall, in compliance with Commission regulations, designate and maintain an authorized utility representative who is prepared to discuss, on a regulatory level, customer relations (complaint) matters, engineering operations, tests, and repairs. In addition, the Company shall provide to the Commission and ORS in writing the name of the authorized representative to be contacted in connection with general management duties as well as emergencies which occur during non-office hours.

Mobilitie shall file the names, addresses, and telephone numbers of these representatives with the Commission within thirty (30) days of receipt of this Order. The “Authorized Utility Representative Information” form can be found at the Commission’s website at www.psc.sc.gov/forms.asp; this form shall be utilized for the provision of this information to the Commission and ORS. Further, the Company shall promptly notify the Commission and ORS in writing if the representatives are changed.

12. The Company is directed to comply with all Rules and Regulations of the Commission, unless a regulation is specifically waived by the Commission.

13. At the hearing, Mobilitie requested a waiver of 26 Code Ann. Regs. 103-610 (Supp. 2010), requiring that records required by the Commission’s Rules and Regulations be maintained in South Carolina. The Commission finds Mobilitie’s requested waiver reasonable and understands the potential difficulty presented to Mobilitie should the waiver not be granted. The Commission therefore grants the requested waiver. However, Mobilitie shall make available its books and records at all reasonable times upon request by the ORS, and Mobilitie shall promptly notify the Commission and ORS if the location of its books and records changes.

14. Mobilitie also requests that it be exempt from record keeping policies that require a carrier to maintain its financial records in conformance with the Uniform System of Accounts. The USOA was developed by the FCC as a means of regulating telecommunications companies subject to rate base regulation. As a competitive carrier, Mobilitie maintains its book of accounts in accordance with Generally Accepted Accounting Principles (“GAAP”). GAAP is used extensively by interexchange carriers

and other competitive local exchange carriers. Accordingly, Mobilitie requests an exemption from the USOA requirements. We grant the Company's request for the reasons stated above.

15. Mobilitie shall be required to comply with Title 23, Chapter 47, South Carolina Code of Laws Annotated which governs the establishment and implementation of a "Public Safety Communications Center," which is more commonly known as a "911 system" or "911 service." Services available through a 911 system include law enforcement, fire, and emergency medical services. In recognition of the necessity of quality 911 services being provided to the citizens of South Carolina, the Commission hereby instructs Mobilitie to contact the appropriate authorities regarding 911 service in the counties and cities where Mobilitie will be operating. Contact with the appropriate 911 service authorities is to be made before providing voice or dial tone telephone service in South Carolina. Accompanying this Order is a memo from the State 911 Office of Research & Statistics of the South Carolina Budget and Control Board. This memo provides information about contacting County 911 Coordinators. By this Order and prior to providing voice or dial-tone services in South Carolina, Mobilitie is directed to contact the 911 Coordinator in each county, as well as the 911 Coordinator in each city where the city has its own 911 system, and shall provide information regarding the Company's operations as required by the 911 system.

16. To the extent necessary, Mobilitie shall engage in good faith negotiations with non-BellSouth incumbent local exchange carriers whose networks interconnect with BellSouth at the same local tandem regarding traffic exchange;

17. This Order shall remain in full force and effect until further Order of the Commission

BY ORDER OF THE COMMISSION:



John E. Howard, Chairman

ATTEST:



David A. Wright, Vice Chairman

(SEAL)

STATE OF SOUTH CAROLINA
State Budget and Control Board
OFFICE OF RESEARCH & STATISTICS

MARK SANFORD, CHAIRMAN
GOVERNOR

GRADY L. PATTERSON, JR.
STATE TREASURER

RICHARD ECKSTROM
COMPTROLLER GENERAL



HUGH K. LEATHERMAN, SR.
CHAIRMAN, SENATE FINANCE COMMITTEE

ROBERT W. HARRELL, JR.
CHAIRMAN, WAYS AND MEANS COMMITTEE

FRANK W. FUSCO
EXECUTIVE DIRECTOR

REMBERT C. DENNIS BUILDING
1000 ASSEMBLY STREET, SUITE 425
COLUMBIA, SOUTH CAROLINA 29201

Bobby Bowers
DIRECTOR

August 2, 2004

To: Telephone Companies New to South Carolina

In an effort to continue providing quality emergency services to the citizens of South Carolina, the State 911 Office requests that before beginning telephone services in a county, you contact the 911 Coordinator in that county. This will allow both parties to obtain important information about providing 911 services in that county. If you have already begun services, then contact the coordinator as soon as possible.

A list of County 911 Coordinators can be found on the South Carolina E911 homepage at www.ors.state.sc.us/digital/E-911.ASP. If you have any questions related to 911 in South Carolina, you may contact E911 Coordinations at the Office of Research and Statistics at 803-734-3883. The person responsible for this can also be found on the 911 homepage. Please be aware that some cities may have their own E911 systems, these are also listed on the 911 homepage. These city coordinators will need to be contacted in addition to the county coordinators.

BEFORE
THE PUBLIC SERVICE COMMISSION OF
SOUTH CAROLINA

Docket No. 2010-355-C

Re: Application of Mobilitie, LLC for a Certificate)
of Public Convenience and Necessity to Provide)
Resold and Facilities-based Local Exchange)
Telecommunications Service in the State of)
South Carolina)
_____)

STIPULATION

The South Carolina Telephone Coalition ("SCTC") (see attachment "A" for list of companies) and Mobilitie, LLC ("Mobilitie") hereby enter into the following stipulations. As a consequence of these stipulations and conditions, SCTC does not oppose Mobilitie's Application. SCTC and Mobilitie stipulate and agree as follows:

1. SCTC does not oppose the granting of a statewide Certificate of Public Convenience and Necessity to Mobilitie, provided the South Carolina Public Service Commission ("Commission") makes the necessary findings to justify granting of such a certificate, and provided the conditions contained within this stipulation are met.
2. Mobilitie stipulates and agrees that any Certificate which may be granted will authorize Mobilitie to provide service only to customers located in non-rural local exchange company ("LEC") service areas of South Carolina, except as provided herein.
3. Mobilitie stipulates that it is not asking the Commission to make a finding at this time regarding whether competition is in the public interest for rural areas.
4. Mobilitie stipulates and agrees that it will not provide any local service, by its own facilities or otherwise, to any customer located in a rural incumbent LEC's service area, unless and until Mobilitie provides such rural incumbent LEC and the Commission with written notice of its

intent to do so at least thirty (30) days prior to the date of the intended service. During such notice period, the rural incumbent LEC will have the opportunity to petition the Commission to exercise all rights afforded it under Federal and State law. Also, Mobilitie acknowledges that the Commission may suspend the intended date for service in rural LEC territory for ninety (90) days while the Commission conducts any proceeding incident to the Petition or upon the Commission's own Motion, provided that the Commission can further suspend the implementation date upon showing of good cause.

5. Mobilitie stipulates and agrees that, if Mobilitie gives notice that it intends to serve a customer located in a rural incumbent LEC's service area, and either (a) the Commission receives a Petition from the rural incumbent LEC to exercise its rights under Federal or State law within such 30-day period, or (b) the Commission institutes a proceeding of its own, then Mobilitie will not provide service to any customer located within the service area in question without prior and further Commission approval.

6. Mobilitie acknowledges that any right which it may have or acquire to serve a rural telephone company service area in South Carolina is subject to the conditions contained herein, and to any future policies, procedures, and guidelines relevant to such proposed service which the Commission may implement, so long as such policies, procedures, and guidelines do not conflict with Federal or State law.

7. The parties stipulate and agree that all rights under Federal and State law are reserved to the rural incumbent LECs and Mobilitie, and this Stipulation in no way suspends or adversely affects such rights, including any exemptions, suspensions, or modifications to which they may be entitled.

8. Mobilitie agrees to abide by all State and Federal laws and to participate, to the extent it may be required to do so by the Commission, in the support of universally available telephone service at affordable rates.

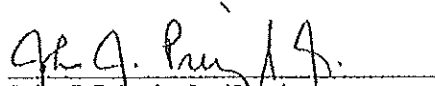
9. Mobilitie hereby amends its application and its prefiled testimony in this docket to the extent necessary to conform with this Stipulation.

10. Notwithstanding any provision contained herein, the terms, conditions, and limitations of the Stipulation apply only in those instances where a rural telephone company's federal rural exemption under 47 U.S.C. § 251(f)(1) is implicated.

AGREED AND STIPULATED to this 29th day of December, 2010.

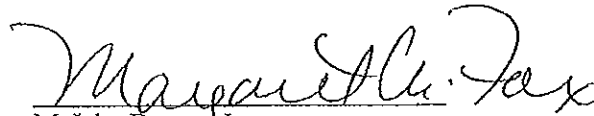
Mobilitie, LLC

South Carolina Telephone Coalition:



John J. Pringle, Jr., Esquire
Ellis, Lawhorne & Sims, P.A.
Post Office Box 2285
Columbia, South Carolina 29202

Attorneys for Applicant Mobilitie,
LLC



M. John Bowen, Jr.
Margaret M. Fox
Sue-Ann Gerald Shannon
McNair Law Firm, P.A.
Post Office Box 11390
Columbia, South Carolina 29211
(803) 799-9800

Attorneys for the South Carolina Telephone
Coalition

ATTACHMENT A

South Carolina Telephone Coalition Member Companies
for Purposes of Local Service Stipulation

Chesnee Telephone Company
Chester Telephone Company
Farmers Telephone Cooperative, Inc.
Ft. Mill Telephone Company
Home Telephone Company, Inc.
Lancaster Telephone Company
Lockhart Telephone Company
McClellanville Telephone Company
Norway Telephone Company
Palmetto Rural Telephone Cooperative, Inc.
Piedmont Rural Telephone Cooperative, Inc.
Pond Branch Telephone Company
Ridgeway Telephone Company
Rock Hill Telephone Company
Sandhill Telephone Cooperative, Inc.
St. Stephen Telephone Company
West Carolina Rural Telephone Cooperative, Inc.
Williston Telephone Company