

From: Scala, Mary Joy
Sent: Thursday, July 23, 2015 5:37 PM
To: s.kraiger@velocitel.com
Subject: BAR Action- July 21, 2015 - 900 W Main Street

July 23, 2015

AT&T Mobility
570 Colonial Park Drive, Suite 307
Roswell, GA 30075

RE: Certificate of Appropriateness Application

BAR 15-07-01
900 West Main Street
Tax Parcel 10007800
AT&T Mobility, Owner/ Shannon Kraiger (Velocitel), Applicant
Replace existing antennas and redesign stealth enclosures

Dear Applicant,

The above referenced project was discussed before a meeting of the City of Charlottesville Board of Architectural Review (BAR) on July 21, 2015. The following action was taken:

The BAR accepted the applicant's request for deferral (9-0). The BAR requested: final structural drawings; plans with elevations; and photo sims.

****If you want to be on the August 18 BAR agenda, you must let me know by July 28. You may have an additional week to submit your information (no later than August 4).**

If you have any questions, please contact me at 434-970-3130 or scala@charlottesville.org.

Mary Joy Scala, AICP
Preservation and Design Planner
City of Charlottesville
Department of Neighborhood Development Services
City Hall – 610 East Market Street
P.O. Box 911
Charlottesville, VA 22902
Ph 434.970.3130 FAX 434.970.3359
scala@charlottesville.org

**CITY OF CHARLOTTESVILLE
BOARD OF ARCHITECTURAL REVIEW
STAFF REPORT
July 21, 2015**



Certificate of Appropriateness Application

BAR 15-07-01

900 West Main Street

Tax Parcel 10007800

AT&T Mobility, Owner/ Shannon Kraiger (Velocitel), Applicant

Replace existing antennas and redesign stealth enclosures

Background

This property, built in 1997, is a noncontributing structure in the West Main Street ADC district.

- Nov. 8, 2002 Certificate of Appropriateness- Installation of cellular equipment of roof with concealment chimneys- Approved.
- Dec. 16, 2014 Certificate of Appropriateness- Proposal to make improvements to a rear patio- Approved (8-0).

Application

The applicant proposes to remove and replace three existing antenna concealment chimneys, which are currently 4x4x8, with three new chimneys at 6x6x13. They wish to install three new LTE antennas, three new RRUs, three new DC2s in the new chimney. Applicant wishes to reinstall six existing RRUs and three existing DC2s in new chimney. Install one new FC12 on existing platform and install new RBS 6601 and four new breakers in existing flexent cabinet. The platform will have a fourth concealment wall, designed and fabricated to match the existing walls that were originally manufactured. It will be SSV with a brick appearance. The one-sided screenwall will have an approximate panel linear footage of 9'x7' with a panel height of 10'. The screenwall support structure will be FRP and steel baseplates only, the steel finish will be galvanized.

Criteria and Guidelines

Review Criteria Generally

Sec. 34-284(b) of the City Code states that,

In considering a particular application the BAR shall approve the application unless it finds:

- (1) That the proposal does not meet specific standards set forth within this division or applicable provisions of the Design Guidelines established by the board pursuant to Sec.34-288(6); and*
- (2) The proposal is incompatible with the historic, cultural or architectural character of the district in which the property is located or the protected property that is the subject of the application.*

Pertinent Standards for Review of Construction and Alterations include:

- (1) Whether the material, texture, color, height, scale, mass and placement of the proposed addition, modification or construction are visually and architecturally compatible with*

the site and the applicable design control district;

(2) The harmony of the proposed change in terms of overall proportion and the size and placement of entrances, windows, awnings, exterior stairs and signs;

(3) The Secretary of the Interior Standards for Rehabilitation set forth within the Code of Federal Regulations (36 C.F.R. §67.7(b)), as may be relevant;

(4) The effect of the proposed change on the historic district neighborhood;

(5) The impact of the proposed change on other protected features on the property, such as gardens, landscaping, fences, walls and walks;

(6) Whether the proposed method of construction, renovation or restoration could have an adverse impact on the structure or site, or adjacent buildings or structures;

(8) Any applicable provisions of the City's Design Guidelines.

Pertinent Design Review Guidelines for Site Design and Elements

H. Utilities and Other Site Appurtenances

Site appurtenances, such as overhead utilities, fuel tanks, utility poles and meters, antennae, exterior mechanical units, and trash containers, are a necessary part of contemporary life. However, their placement may detract from the character of the site and building.

- 1. Plan the location of overhead wires, utility poles and meters, electrical panels, antennae, trash containers, and exterior mechanical units where they are least likely to detract from the character of the site.*
- 2. Screen utilities and other site elements with fences, walls or plantings*
- 3. Encourage the installation of utility services underground.*
- 4. Antennae and communication dishes should be placed in inconspicuous rooftop locations, not in a front yard.*
- 5. Screen all rooftop mechanical equipment with a wall of material harmonious with the building or structure.*

Discussion and Recommendations

The pertinent Telecommunication Facilities section of the zoning ordinance that was adopted in 2003 states:

Sec. 34-1073. Facilities by district.

(a) *Within the city's historic and entrance corridor overlay districts:*

- (1) The following shall be permitted uses: antennae or microcells mounted on existing communications towers established prior to February 20, 2001; attached communications facilities utilizing utility poles or other electric transmission facilities as the attachment structure; and other attached communications facilities if such other attached communications facilities are not visible from any adjacent street or property.*
- (2) The following shall be prohibited uses: attached communications facilities where such facilities are visible from any adjacent street or property, and communications facilities utilizing alternative tower, monopole tower, guyed tower, lattice tower and self-supporting tower support structures.*

- (b) Within other zoning districts of the city, the permitted communications facilities are identified within the use matrix for the applicable districts. Facilities other than those identified within the use matrix for a particular district shall be prohibited.

Staff commends property owner and designer for creating a more aesthetically appealing concealment chimney, and for following antenna guidelines. However, staff has several concerns

1. The height of the platform shield wall is not mentioned in the drawings, we would like to see it stated along with the material of the stealth design and trim.

Suggested Motion

Having considered the standards set forth within the City Code, including City Design Guidelines for Site Design and Elements, I move to find that the proposed antenna and concealment chimney changes satisfy the BAR's criteria and are compatible with this property and other properties in the West Main Street ADC district, and that the BAR approves the application as submitted (or with the following modifications...)



**Board of Architectural Review (BAR)
Certificate of Appropriateness**

Please Return To: City of Charlottesville
Department of Neighborhood Development Services
P.O. Box 911, City Hall
Charlottesville, Virginia 22902
Telephone (434) 970-3130 Fax (434) 970-3359

Please submit ten (10) copies of application form and all attachments.
For a new construction project, please include \$375 application fee. For all other projects requiring BAR approval, please include \$125 application fee. For projects that require only administrative approval, please include \$100 administrative fee. Make checks payable to the City of Charlottesville.
The BAR meets the third Tuesday of the month.
Deadline for submittals is Tuesday 3 weeks prior to next BAR meeting by 3:30 p.m.

Owner Name AT&T Mobility Applicant Name Shannon Kraiger (Velocitel)
Project Name/Description CV325 LTE/3C antenna upgrade Parcel Number 100078000
Property Address 900 West Main Street, Charlottesville, VA

Applicant Information

Address: 570 Colonial Park Drive, Suite 307
Roswell, GA 30075
Email: s.kraiger@velocitel.com
Phone: (W) 770-645-5900 ext.114 (H) _____
FAX: _____

Property Owner Information (if not applicant)

Address: Midtown Hospitality
900 W. Main St., Charlottesville, VA 22903
Email: rsrichardson@hampsuites.com
Phone: (W) 434-566-7402 (H) _____
FAX: _____

Signature of Applicant

I hereby attest that the information I have provided is, to the best of my knowledge, correct. (Signature also denotes commitment to pay invoice for required mail notices.)

[Signature] 3-4-15
Signature Date

Shannon Kraiger 03/04/15
Print Name Date

Property Owner Permission (if not applicant)

I have read this application and hereby give my consent to its submission.

Signature _____ Date _____

Print Name _____ Date _____

Do you intend to apply for Federal or State Tax Credits for this project? n/a

Description of Proposed Work (attach separate narrative if necessary):
remove existing antennas and replace with new antennas.

List All Attachments (see reverse side for submittal requirements):
site plan drawings and structural analysis drawings

For Office Use Only

Received by: O. Eubank Approved/Disapproved by: _____
Fee paid: 12500 Cash/Ck. # 5132 Date: _____
Date Received: _____ Conditions of approval: _____







11-11-2013 13:30





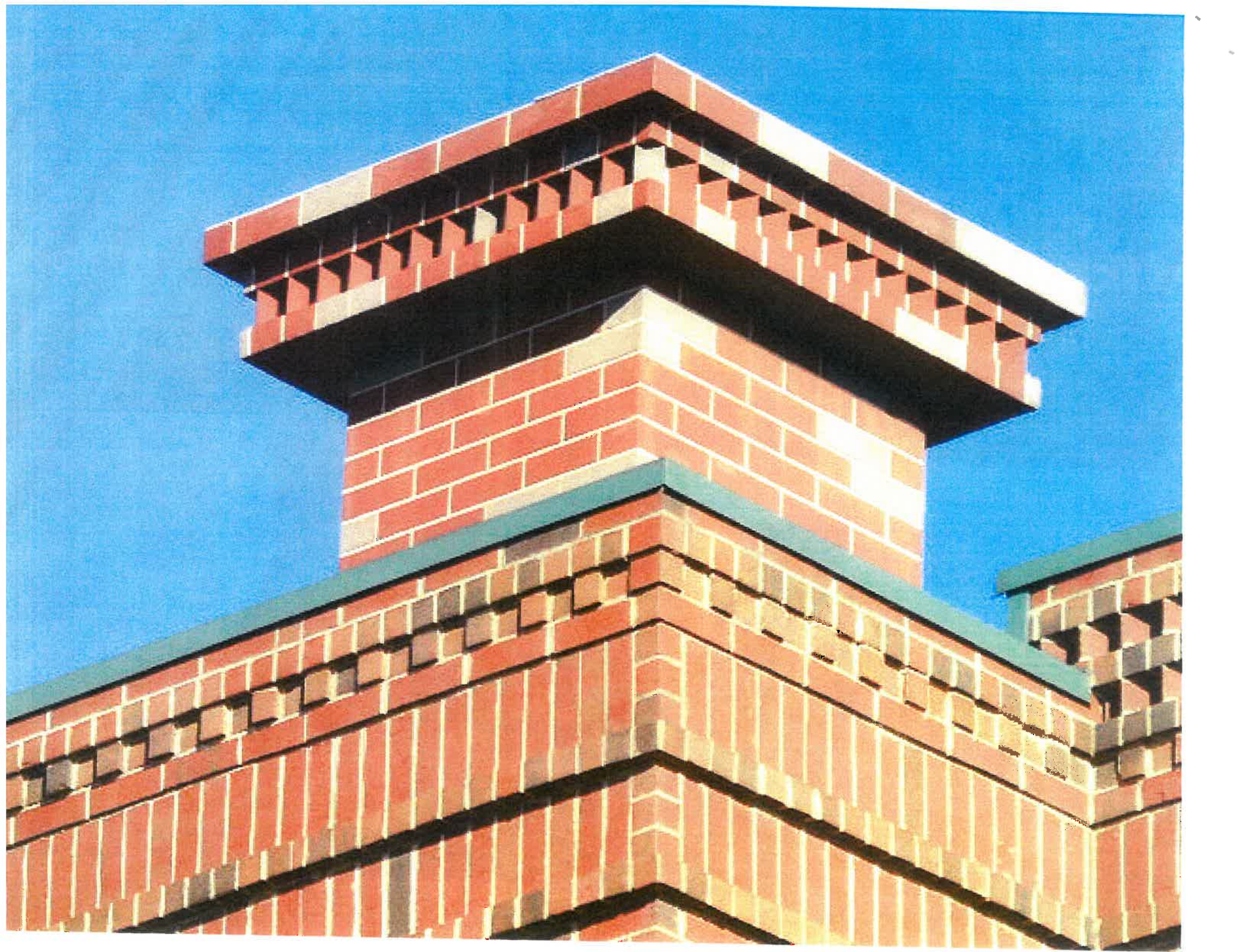


11-11-2013 14:12



11-11-2013 13:30







Antenna System Upgrade Project

- LTE AC/3C
- INSTALL NEW CONCEALMENT CHIMNEY
- INSTALL LTE RRHs
- IMPROVE QUALITY OF SERVICE



AT&T MOBILITY ZONING DRAWINGS SITE NUMBER: CV325

SITE NAME: HAMPTON INN - FA# 10068617
BUILDING OWNER: MIDTOWN HOSPITALITY LLC

SHEET	DRAWING INDEX	REV	DATE	DIRECTIONS:	SITE INFORMATION																
T1	TITLE SHEET	0	6/2/15	DIRECTIONS: FROM AT&T OFFICE, HEAD SOUTHWEST ON COX RD TOWARD N PARK DR. 0.2 MI TURN RIGHT ONTO NUCKOLS RD. 0.3 MI CONTINUE STRAIGHT TO STAY ON NUCKOLS RD. 0.3 MI MERGE ONTO I-295 N VIA THE RAMP TO I-64 W/CHARLOTTESVILLE. 0.4 MI FOLLOW I-64 W TO VA-20 N IN SCOTTSVILLE. TAKE EXIT 121 FROM I-64 W 57.5 MI / 49 MIN MERGE ONTO I-295 N 1.5 MI TAKE EXIT 53A TO MERGE ONTO I-64 W TOWARD CHARLOTTESVILLE/SCOTTSVILLE. 0.2 MI CONTINUE ON VA-20 N. DRIVE TO W MAIN ST IN CHARLOTTESVILLE. 2.1 MI / 6 MIN TURN RIGHT ONTO VA-20 N 1.0 MI CONTINUE ONTO MONTICELLO AVE 0.5 MI TURN RIGHT ONTO RIDGE ST 0.1 MI TURN LEFT ONTO W MAIN ST	SITE INFORMATION SCOPE OF WORK: REMOVE AND REPLACE (3) EXISTING ANTENNA CONCEALMENT CHIMNEYS WITH NEW (DESIGN BY OTHERS). INSTALL (3) NEW LTE ANTENNAS, (3) NEW RRUs, (3) NEW DC2s IN NEW CHIMNEY. REINSTALL (6) EXISTING RRUs AND (3) EXISTING DC2s IN NEW CHIMNEY. INSTALL (1) NEW FC12 ON EXISTING PLATFORM. INSTALL (1) NEW RBS 6601 AND (4) NEW BREAKERS IN EXISTING FLEXENT CABINET. SITE ADDRESS: 900 WEST MAIN STREET CHARLOTTESVILLE, VA 22903 OWNER: MIDTOWN HOSPITALITY LLC CONTACT PERSON: RANDY RICHARDSON (434) 923-8600 APPLICANT: AT&T MOBILITY 4801 COX ROAD, SUITE 300 GLEN ALLEN, VA 23060 LATITUDE (NAD 83): 38° 01' 53.38" (38.032050) LONGITUDE (NAD 83): -78° 29' 39.66" (-78.494350) CURRENT USE: TELECOMMUNICATIONS FACILITY PROPOSED USE: TELECOMMUNICATIONS FACILITY JURISDICTION: CITY OF CHARLOTTESVILLE																
C1	GENERAL NOTES	0	6/2/15																		
C2.1	SITE PLAN	0	6/2/15																		
C2.2	EQUIPMENT PLATFORM LAYOUT	0	6/2/15																		
C3	ELEVATION VIEW & RF DETAILS	0	6/2/15																		
				VICINITY MAP																	
				NOT TO SCALE																	
REVIEWED BY: AT&T _____ DATE _____ VELOCITEL _____ DATE _____ APPROVED BY: OWNER _____ DATE _____ MUNICIPAL _____ DATE _____																					
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> ISSUED FOR ARCHITECTURAL REVIEW BOARD </div>																					
				SITE QUALIFICATION PARTICIPANTS																	
				<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>COMPANY</th> <th>NUMBER</th> </tr> </thead> <tbody> <tr> <td>A/E</td> <td>DAN COSTELLO</td> <td>VELOCITEL</td> <td>(315) 717-6547</td> </tr> <tr> <td>SAC</td> <td>JOAN STEWART</td> <td>VELOCITEL</td> <td>(503) 539-4449</td> </tr> <tr> <td>CM</td> <td>STEVEN MCCORMICK</td> <td>VELOCITEL</td> <td>(757) 508-2154</td> </tr> </tbody> </table>		NAME	COMPANY	NUMBER	A/E	DAN COSTELLO	VELOCITEL	(315) 717-6547	SAC	JOAN STEWART	VELOCITEL	(503) 539-4449	CM	STEVEN MCCORMICK	VELOCITEL	(757) 508-2154	
	NAME	COMPANY	NUMBER																		
A/E	DAN COSTELLO	VELOCITEL	(315) 717-6547																		
SAC	JOAN STEWART	VELOCITEL	(503) 539-4449																		
CM	STEVEN MCCORMICK	VELOCITEL	(757) 508-2154																		

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT, UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.



4164 INNSLAKE DRIVE, SUITE B
GLEN ALLEN, VA 23060
(804) 217-7088 (MAIN)
(757) 401-6453 (FAX)



LIBERTY PLAZA 1
4801 COX ROAD, SUITE 300
GLEN ALLEN, VA 23060
ZONING DRAWINGS

ZONING DRAWINGS
LTE AC/3C
SITE NO. CV325
HAMPTON INN
FA# 10068617
900 WEST MAIN STREET
CHARLOTTESVILLE, VA 22903

NO	DATE	REVISIONS	BY	CHK	APP'D
0	6/2/15	ISSUED FOR PERMITTING	SRN	SRN	-
A	5/29/15	ISSUED FOR REVIEW	SRN	SRN	-

SCALE: DESIGNED: SRN CHECKED: SRN

TITLE SHEET

JOB #	DRAWING NUMBER	REV
10068617	T1	0

GENERAL NOTES:

1. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE AND IS NOT FOR HUMAN HABITAT. (NO HANDICAP ACCESS IS REQUIRED).
2. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
3. NO NOISE, SMOKE, DUST, ODOR OR VIBRATIONS WILL RESULT FROM THIS PROPOSAL.
4. OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT PROPOSED.
5. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE AT&T SYSTEM GROUNDING STANDARD DATED JUNE 2011. "TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GSM/GPRS WIRELESS SITES, "TECHNICAL SPECIFICATION FOR FACILITY GROUNDING". IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
6. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATION.
7. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION.
8. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
9. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND DRAWINGS PROVIDED BY THE SITE OWNER. SUBCONTRACTOR SHALL NOTIFY AT&T OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
10. NO WHITE STROBIC LIGHTS ARE PERMITTED. LIGHTING, IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.
11. ALL SIGNS SHALL BE FURNISHED AND INSTALLED AT ALL AT&T WIRELESS SERVICES SITES IN ACCORDANCE WITH SPECIFICATION AT&T SYSTEM GROUNDING DATED JUNE 2011.
12. NO ADDITIONAL PARKING TO BE PROPOSED. EXISTING ACCESS AND PARKING TO BE USED.
13. NO LANDSCAPING IS PROPOSED AT THIS SITE.

TYPICAL MINIMUM BEND RADII		
COAX DIAMETER	ANDREW	COMMSCOPE
1/2" SUPERFLEX	1.25"	1.25"
1/2"	5"	2"
7/8"	10"	5"
1 1/4"	15"	8"
1 5/8"	20"	15"

14. ALL COAXIAL CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS.

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
CONTRACTOR – CONTRACTOR
SUBCONTRACTOR – GENERAL CONTRACTOR (CONSTRUCTION)
OWNER – AT&T WIRELESS
2. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
3. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
4. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
5. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
6. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
8. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR AND SITE OWNER.
9. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
10. THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
11. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. SUBCONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY & D) TRENCHING & EXCAVATION.
12. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
13. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.
14. SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
15. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT.
18. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
19. THE SUBCONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH OSHA REGULATIONS.
20. SUBCONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.

STRUCTURAL STEEL NOTES:

1. ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND IN ACCORDANCE WITH ASTM A36 UNLESS OTHERWISE NOTED.
2. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND AWS D1.1. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED SURFACES SHALL BE TOUCHED UP.
3. BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE (3/4"Ø) CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
4. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A 307 BOLTS UNLESS NOTED OTHERWISE.
5. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. SPECIAL INSPECTIONS, REQUIRED BY GOVERNING CODES, SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWABLE LOADS.
6. ALL METAL WORK SHALL BE GALVANIZED IN ACCORDANCE WITH SPECIFICATION ASTM A123. ALL SHOP WELDED MEMBERS SHALL BE GALVANIZED AFTER WELDING.

**ISSUED FOR
ARCHITECTURAL
REVIEW BOARD**



4164 INNSLAKE DRIVE, SUITE B
GLEN ALLEN, VA 23060
(804) 217-7088 (MAIN)
(757) 401-6453 (FAX)



**at&t
MOBILITY**
LIBERTY PLAZA 1
4801 COX ROAD, SUITE 300
GLEN ALLEN, VA 23060

ZONING DRAWINGS

**ZONING DRAWINGS
LTE AC/3C
SITE NO. CV325
HAMPTON INN
FA# 10068617
900 WEST MAIN STREET
CHARLOTTESVILLE, VA 22903**

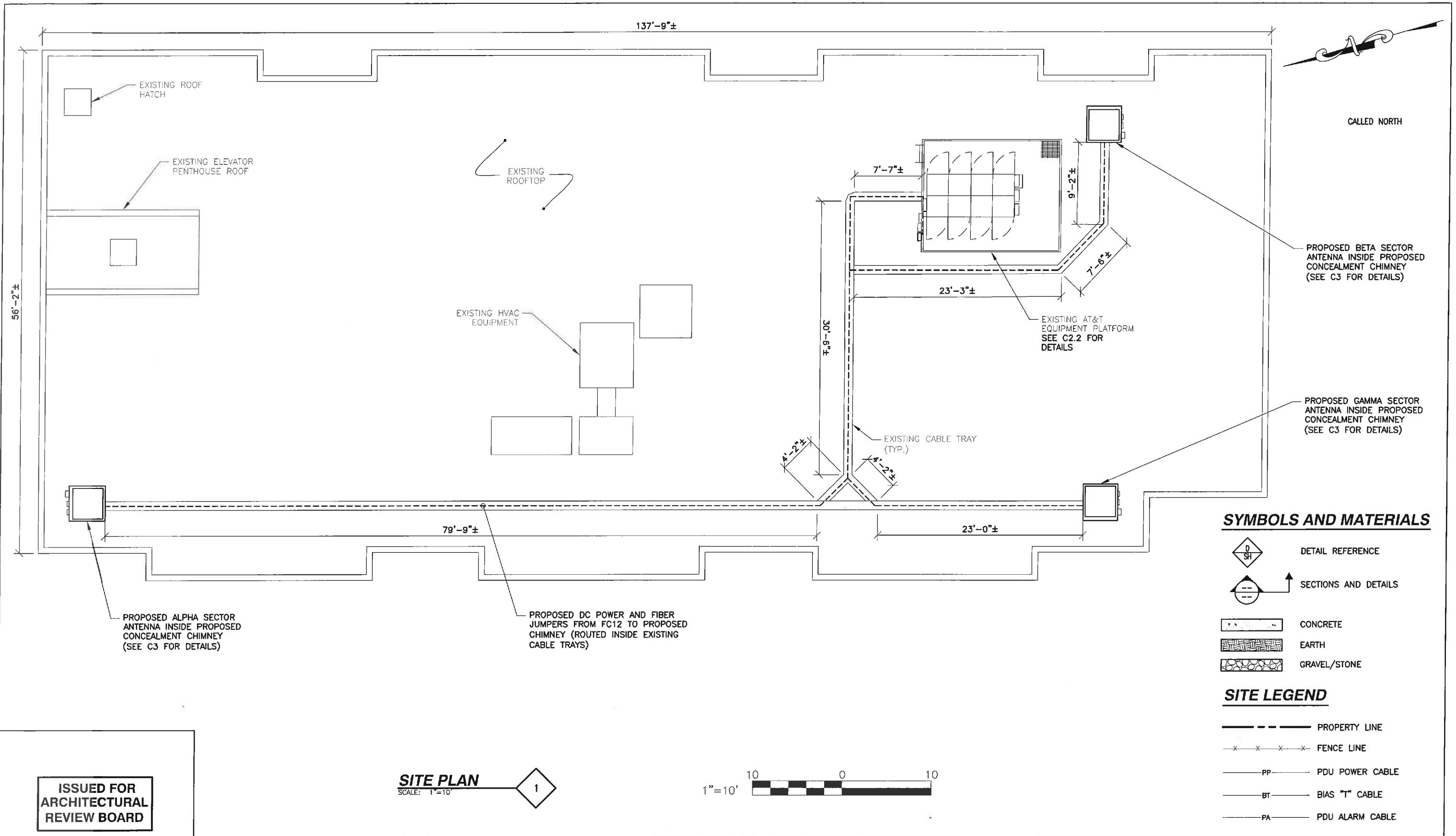
NO.	DATE	REVISIONS	BY	CHK	APP'D
0	6/2/15	ISSUED FOR PERMITTING	SRN	SRN	-
A	5/29/15	ISSUED FOR REVIEW	SRN	SRN	-

SCALE: DESIGNED: SRN CHECKED: SRN

GENERAL NOTES

JOB #	DRAWING NUMBER	REV
10068617	C1	0

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT, UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.



SYMBOLS AND MATERIALS

- DETAIL REFERENCE
- SECTIONS AND DETAILS
- CONCRETE
- EARTH
- GRAVEL/STONE

SITE LEGEND

- PROPERTY LINE
- FENCE LINE
- PDU POWER CABLE
- BIAS "T" CABLE
- PDU ALARM CABLE

ISSUED FOR ARCHITECTURAL REVIEW BOARD

SITE PLAN
SCALE: 1"=10'



IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.



4164 INNSLAKE DRIVE, SUITE B
GLEN ALLEN, VA 23060
(804) 217-7088 (MAIN)
(757) 401-6453 (FAX)



LIBERTY PLAZA 1
4801 COX ROAD, SUITE 300
GLEN ALLEN, VA 23060

ZONING DRAWINGS






ZONING DRAWINGS
LTE AC/3C
SITE NO. CV325
HAMPTON INN
FA# 10068617
900 WEST MAIN STREET
CHARLOTTESVILLE, VA 22903

NO.	DATE	REVISIONS	BY	CHK	APP'D
0	6/2/15	ISSUED FOR PERMITTING	SRN	SRN	-
A	5/29/15	ISSUED FOR REVIEW	SRN	SRN	-






JOB #		DRAWING NUMBER		REV
10068617		C2.1		0

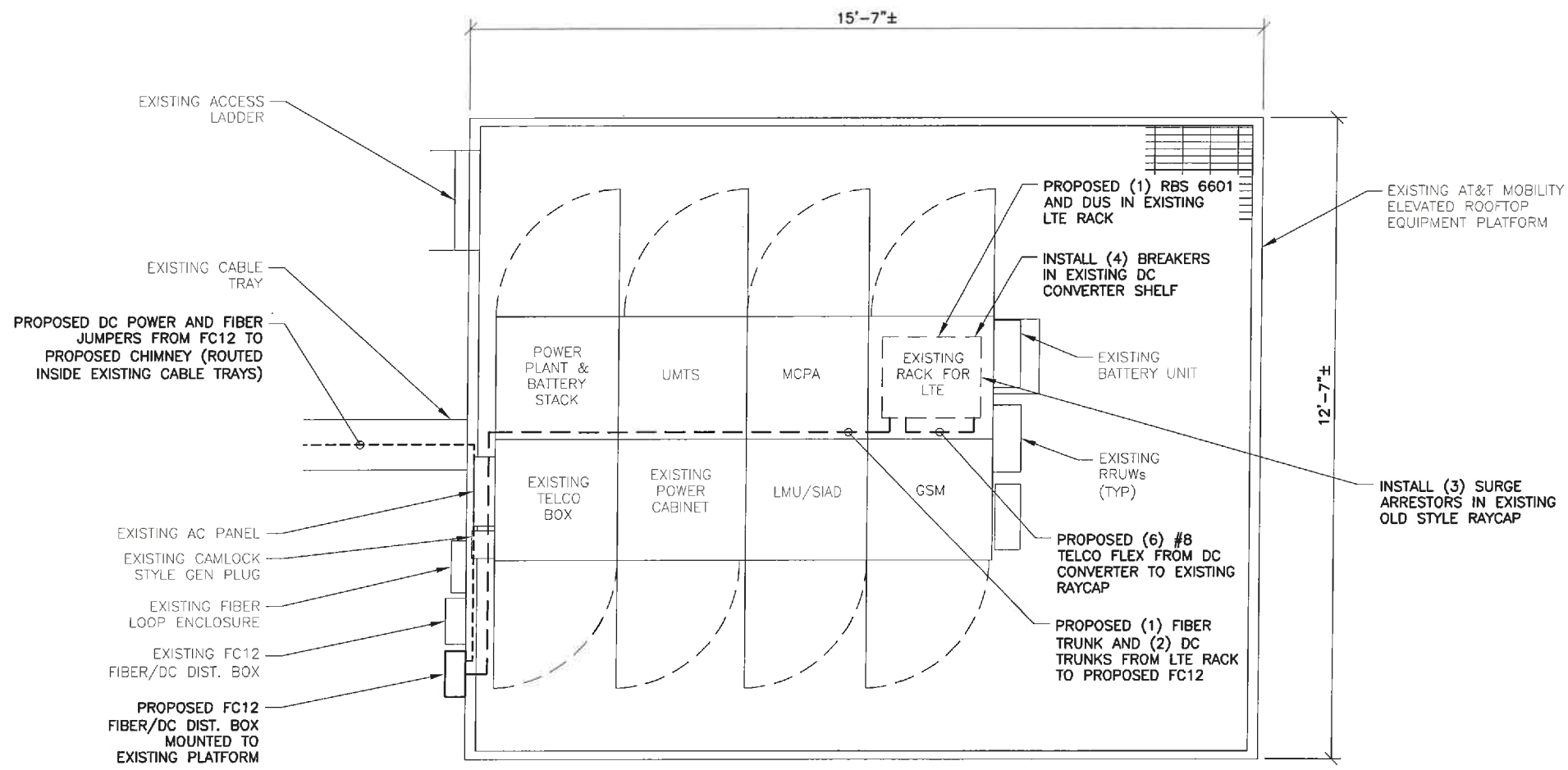
SITE PLAN

SYMBOLS AND MATERIALS

-  DETAIL REFERENCE
-  SECTIONS AND DETAILS
-  CONCRETE
-  EARTH
-  GRAVEL/STONE

SITE LEGEND

-  PROPERTY LINE
-  FENCE LINE
-  PDU POWER CABLE
-  BIAS "T" CABLE
-  PDU ALARM CABLE



EQUIPMENT PLATFORM LAYOUT 1
SCALE: 1"=3'



CALLED NORTH

ISSUED FOR ARCHITECTURAL REVIEW BOARD

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

 **complete wireless solutions**
4164 INNSLAKE DRIVE, SUITE B
GLEN ALLEN, VA 23060
(804) 217-7088 (MAIN)
(757) 401-6453 (FAX)

 **at&t MOBILITY**
LIBERTY PLAZA 1
4801 COX ROAD, SUITE 300
GLEN ALLEN, VA 23060
ZONING DRAWINGS

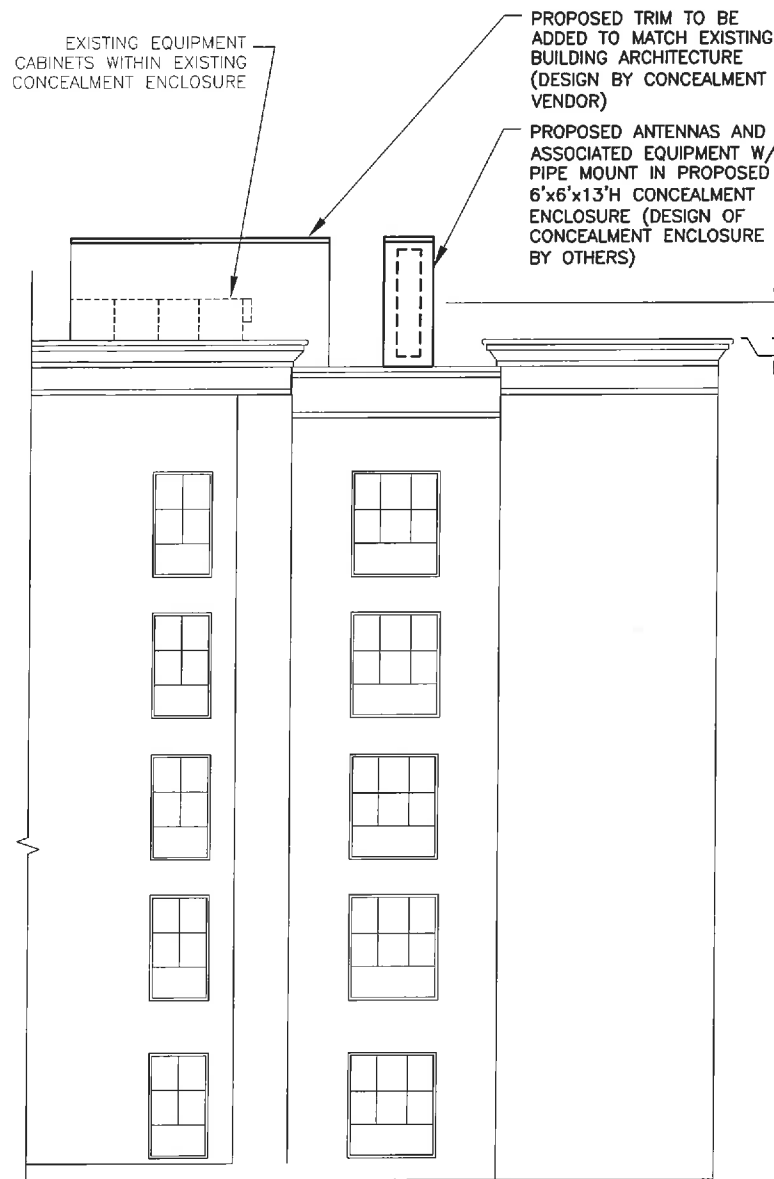
ZONING DRAWINGS
LTE AC/3C
SITE NO. CV325
HAMPTON INN
FA# 10068617
900 WEST MAIN STREET
CHARLOTTESVILLE, VA 22903

NO	DATE	REVISIONS	BY	CHK	APP'D
0	6/2/15	ISSUED FOR PERMITTING	SRN	SRN	-
A	5/29/15	ISSUED FOR REVIEW	SRN	SRN	-

SCALE: DESIGNED: SRN CHECKED: SRN

EQUIPMENT PLATFORM LAYOUT

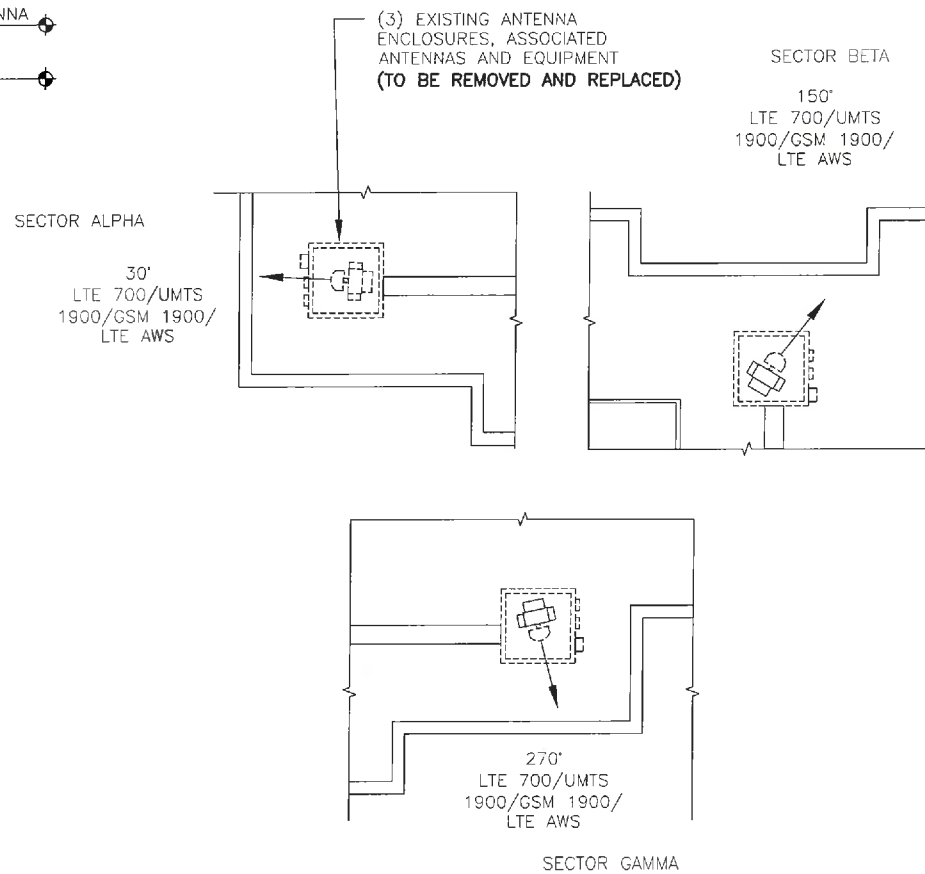
JOB #	DRAWING NUMBER	REV
10068617	C2.2	0



PROPOSED BUILDING ELEVATION
NOT TO SCALE



A STRUCTURAL ANALYSIS OF THIS BUILDING/ANTENNA MOUNTS WAS NOT PERFORMED BY VELOCITEL INC. CONTRACTOR SHALL REFER TO STRUCTURAL ANALYSIS (IF APPLICABLE) AND COORDINATE LTE ANTENNA AND ASSOCIATED EQUIPMENT MOUNTING WITH THE SITE CONSTRUCTION MANAGER AND THE TOWER OWNER.



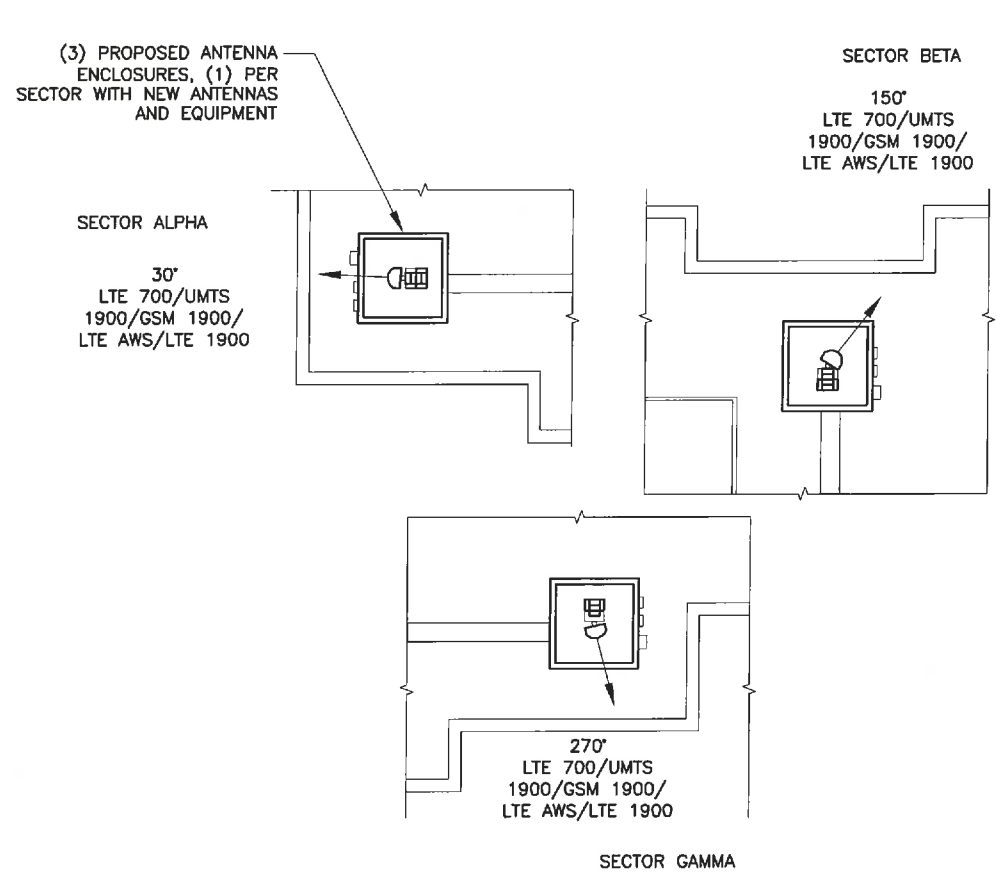
EXISTING ANTENNA FRAME DETAIL
NOT TO SCALE



NOTE: CONTRACTOR REQUIRED TO VERIFY AND DOCUMENT EXISTING AZIMUTHS AND DOWNTILTS



APPROXIMATE TRUE NORTH



PROPOSED ANTENNA FRAME DETAIL
NOT TO SCALE



NOTE: CONTRACTOR TO REFER TO FINAL RF CONFIGURATION PRIOR TO CONSTRUCTION



APPROXIMATE TRUE NORTH

ISSUED FOR ARCHITECTURAL REVIEW BOARD



4164 INNSLAKE DRIVE, SUITE B
GLEN ALLEN, VA 23060
(804) 217-7088 (MAIN)
(757) 401-6453 (FAX)



LIBERTY PLAZA 1
4801 COX ROAD, SUITE 300
GLEN ALLEN, VA 23060

ZONING DRAWINGS

ZONING DRAWINGS
LTE AC/3C
SITE NO. CV325
HAMPTON INN
FA# 10068617
900 WEST MAIN STREET
CHARLOTTESVILLE, VA 22903

NO	DATE	REVISIONS	BY	CHK APP'D
0	6/2/15	ISSUED FOR PERMITTING	SRN	SRN
A	5/29/15	ISSUED FOR REVIEW	SRN	SRN

ELEVATION VIEW & RF DETAILS

JOB #	DRAWING NUMBER	REV
10068617	C3	0

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.