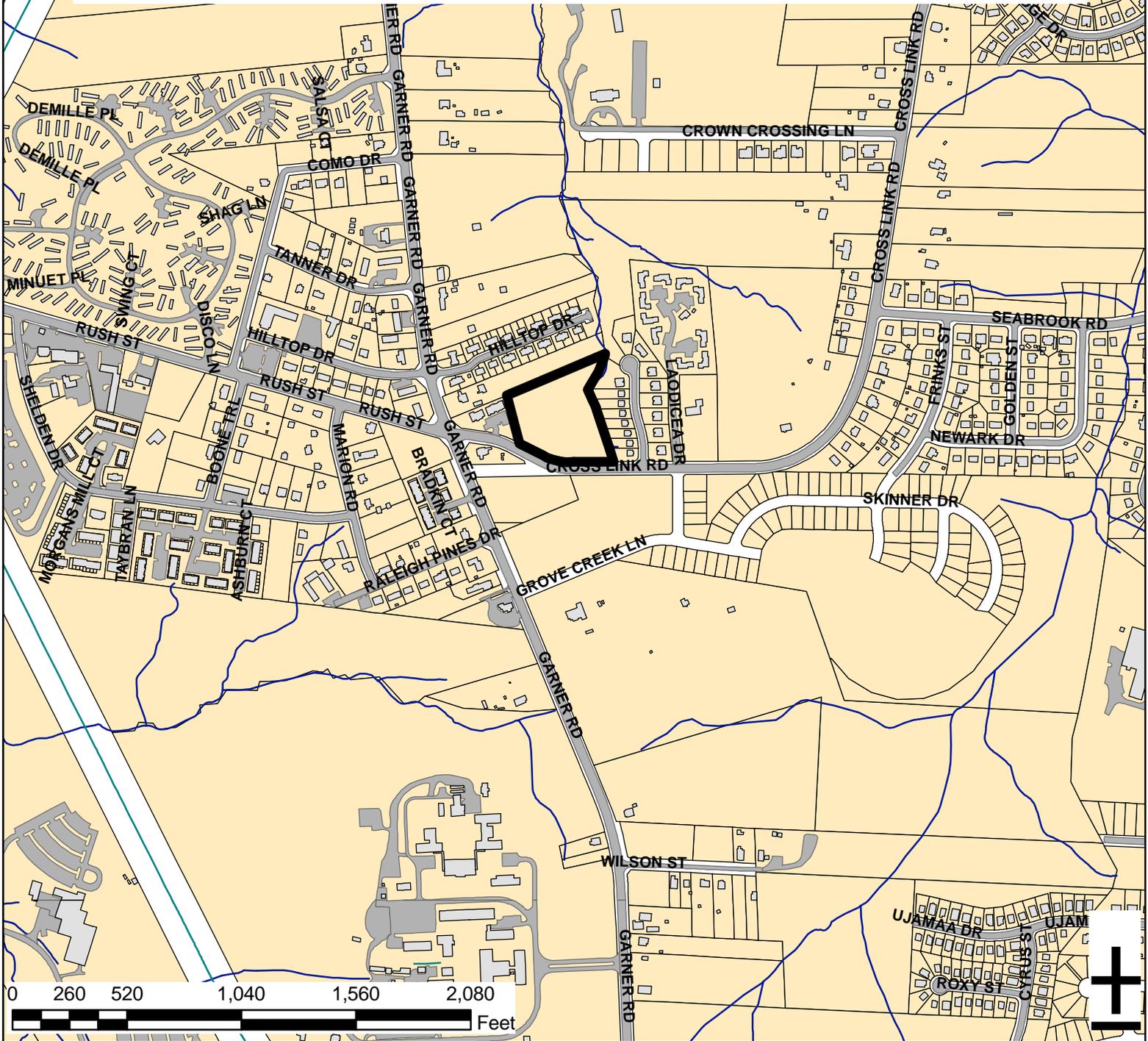


# CROSS LINK ROAD TELECOMMUNICATION TOWER FACILITY SU-3-2010



Zoning: **R-10**  
CAC: **South**  
Drainage  
Basin: **Rochester Branch**  
Acreage: **3.80**

Proposed Height: **Not to exceed 180'**  
Planner: **Eric Hodge**  
Phone: **(919) 516-2639**  
Applicant Contact: **Excell Communications, Inc.**  
Phone: **(919) 771-1961**

City of Raleigh, NC  
Development Plans Review Center

P. O. Box 590, Raleigh, N. C. 27602  
Telephone: (919) 516-2626 FAX: (919) 516-2684

[www.raleighnc.gov](http://www.raleighnc.gov)

SU-3-2010

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**SPECIAL USE PERMIT APPLICATION**  
FOR PUBLIC HEARING AND APPROVAL BY THE CITY COUNCIL

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**Section A.**

**SUBMITTAL CHECKLIST**

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**AT THE TIME YOU SUBMIT YOU MUST VERIFY WITH A DEVELOPMENT PLANS REVIEW CENTER STAFF MEMBER THE PARCEL OR PARCELS THAT ARE THE SUBJECT OF YOUR PLAN, AND THE STAFF MEMBER WILL CHECK YOUR APPLICATION MATERIALS FOR COMPLETION.**

**THIS IS AN IMPORTANT STEP THAT WILL ENSURE THAT YOUR PLAN CAN BE REVIEWED AND APPROVED IN THE MINIMUM TIME POSSIBLE, SO PLEASE PLAN ON SPENDING A FEW MINUTES WITH US AT THE TIME YOU SUBMIT. PLEASE DO NOT SIMPLY LEAVE YOUR APPLICATION MATERIALS ON THE DESK.**

**PLEASE CALL AHEAD FOR AN APPOINTMENT IF YOU WISH THE MOST PROMPT SERVICE WHEN YOU ARRIVE.**

---

**PLEASE INCLUDE ALL OF THE FOLLOWING (CHECK OFF). If any information is missing from the application package, you will be asked to complete the application and re-submit the petition, so please check the list below carefully before you submit:**

- \$206 FILING FEE.** Checks may be made out to the City of Raleigh. Payments may be made by cash or by check, but not by credit cards.
- THREE ORIGINALS OF THIS APPLICATION FORM** completed (Section B), **signed** by the property owner and **notarized**.
- THREE COPIES OF PROPOSED PLANS.** Maximum sheet size shall be 30" x 42". Plans must be to engineering scale (1" = 20', 1" = 100', etc.). Preliminary plans do not need an engineer's, surveyor's or landscape architect's seal. Information shown on the plan should relate to the findings that must be made by the City Council to grant this special use request. See Section 10-2145 or applicable parts of Chapter 12 of the Raleigh City Code for specific findings the Council is to make for this special use.
- NEW!** A DIGITAL COPY OF ONLY THE PLAN LAYOUT AND ELEVATIONS.  
The purpose of this image is to illustrate the basic character of the preliminary plan. It should contain only such basic information as: building outline, landscaping, parking and drives, stormwater facilities, lot boundary. The digital image should be provided in the form of **pdf** on a CD. If the plan was not digitally created, provide an 8 1/2" x 11" reduction of the plan.

**PROCEDURE FOR HEARING AND APPROVAL OF A SPECIAL USE PERMIT BY CITY COUNCIL:**

It is very important that this application be complete, the adjacent property owners list be accurate, and the signature of the property owner be notarized! A special use hearing is a quasi-judicial proceeding, and the special use permit may be invalidated if any information is inaccurate or incomplete.

If a preliminary site plan is submitted for approval along with this special use request, both plans will be forwarded to City Council approx. 6 weeks from submittal. If only the special use permit is being requested the case will be heard by City Council approx. 4 weeks from submittal.

You, or your representative must be present at the hearing to present the case for issuance of the special use permit. You will be notified as to the time and place of the proceeding. City staff will provide a written draft set of findings for the Council to consider. A coordinating planner will contact you and will provide a draft of the special use findings for you prior to the hearing.

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## **Section B.**

### **SUMMARY INFORMATION - (SHOW ON PLAN)**

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**DEVELOPMENT NAME:** Cross Link Road Telecommunications Tower Facility

**LOCATION:** 609 Cross Link Road, Raleigh, NC 27610

**SHOW WAKE COUNTY PROPERTY IDENTIFICATION NUMBER(S) ON PLAN. SUBMIT PIN MAP. SEE SUBMITTAL CHECKLIST ON FRONT PAGE.** 1712-04-1750

**ZONING DISTRICT:** R-10 **TOTAL SITE ACRES:** 3.80 Acres

**SPECIAL USE PERMIT REQUESTED:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Telecommunication tower in a residential district. | <input type="checkbox"/> Parking facility in a residential district.         |
| <input type="checkbox"/> Correctional / Penal facility.                                | <input type="checkbox"/> Recreation use (membership) in primary watershed    |
| <input type="checkbox"/> Additional Density in O&I, TC, SC Districts.                  | <input type="checkbox"/> Recreation use (government) or camp (non-profit) in |
| <input type="checkbox"/> Outdoor Stadium (more than 250 seats).                        | <input type="checkbox"/> Primary watershed                                   |
| <input type="checkbox"/> Amplified Music (indoor / outdoor) (Code section 12-2120)     |  |

**OWNER / DEVELOPER:**

NAME(S): Mentor Masonic Lodge #55 / American Towers, Inc./ Jill House

ADDRESS: 400 Regency Forest Drive, Cary, North Carolina 27518

TELEPHONE: 919-466-5163 FAX: 919-466-5415

E-MAIL ADDRESS: [jill.house@americantower.com](mailto:jill.house@americantower.com)

**PERSON TO CONTACT REGARDING STAFF COMMENTS OR QUESTIONS ABOUT THE PLANS:**

NAME(S): Scott B. Smith / Excell Communications, Inc.

ADDRESS: 223 US Highway 70 East, Suite 120; Garner, NC 27529

TELEPHONE: 919-771-1961 FAX: 919-771-1962

E-MAIL ADDRESS: [scottsmith@excellcommunications.com](mailto:scottsmith@excellcommunications.com)

**THE OWNERSHIP OF THIS PROPERTY IS EVIDENCED BY DEED FROM:** Desota Wilson & wife, Lizzie M. Wilson to Mentor Masonic Lodge #55, dated May 2, 1984

**AND RECORDED IN THE WAKE COUNTY REGISTRY, BOOK** 3277 **PAGE** 128

**OWNER'S SIGNATURE:**

I hereby certify that the information contained herein is true and complete; and I understand that if any item is found to be otherwise after evidentiary hearing before the City Council, that the action of the Council may be invalidated.

Date: May 26, 2010 Signed: [Signature]  
Ed Joines/ Mentor Masonic Lodge #55

STATE OF NORTH CAROLINA  
COUNTY OF JOHNSTON

I, Scott B. Smith a Notary Public, do hereby certify that Ed Joines personally appeared before me this day and acknowledged the due execution of the foregoing instrument. This the 26th day of May, 2010.

Signed: [Signature]  
Notary

My Commission Expires: 3/3/2014

[SEAL]



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## Section C.

### APPLICANT'S STATEMENT

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The zoning ordinance imposes the following SPECIFIC REQUIREMENTS before a special use permit may be issued. Please address each of the specific requirements noted in Section 10-2145 of the Raleigh City Code, in the area below as it relates to your request. The Development Plans Review Center staff can assist in listing the specific requirements. The applicant should be prepared to demonstrate that, if the land is used in a manner consistent with the plans, specifications and other information presented to City Council, the proposed use will comply with each of the following specific requirements (You may attach additional sheets if necessary):

#### Telecommunication tower.

To permit in all zoning districts, except Conservation [Management], telecommunication towers not otherwise meeting the standards of a general use or a conditional use; including relay stations, for commercial operations such as cablevision, radio telephones, radio and television stations after the *City Council* finds that the evidence presented at the hearing establishes each of the *following*:

- (1) Radio or television or similar reception for adjoining *properties* will not be disturbed or diminished.

See the attached Certification from American Tower Corporation identified as EXHIBIT 1.

- (2) The height of the tower does not exceed five hundred ten (510) feet

The tower will not exceed 180' in height.

- (3) The lighting of the tower does not exceed the minimum standards of the Federal Aviation Administration (FAA) for red obstruction lighting system contained in Advisory Circular No. 70/7460-IF dated 27 September, 1978, as the same *may* be amended.

The tower will not require lighting. The Determination of No Hazard to Air Navigation from the FAA has been requested and will be provided upon receipt.

- (4) The minimum yard setback from the outside dimensions of the tower, not from guy anchors, are as follows:

a. Twenty (20) feet from the *property* line of any adjoining *lot* or *lot* across a public *street* which is vacant and zoned a *nonresidential district* or any adjoining *lot* or *lot* across a public *street* which is developed without a *dwelling, congregate care* or *congregate living structure*, unless increased by subparagraph b. or c. below.

This provision is not applicable to the siting of the tower.

b. One hundred (100) per cent of the tower height, but no less than fifty (50) feet, from the *property* line of either any *lot* which is developed at an average residential density of less than fifteen (15) *dwelling units* per acre or vacant *lot* located in a *residential zoning district*.

The tower will be setback 180' 7" from the right-of-way of Cross Link Road; 182' 9" from the western property line; 199' 6" from the property line to the north and 180' 7" from the property line to the east, as shown on Sheet C-1, Site Plan and Tower Elevation on the Zoning Drawings submitted with this application.

c. Fifty (50) per cent of the tower height from the *property* line of any *lot* which is developed at an average residential density equal to or greater than fifteen (15) *dwelling units* per acre.

This provision is not applicable to the siting of the tower.

The setbacks required by subsections b. and c. above *shall* not be applicable to any residential *dwelling(s)* that is not a permitted use in the zoning district, or the *residence* of a caretaker or watchman accessory to a permitted industrial use.

This provision is not applicable.

If one or more existing telecommunications towers are to be removed concurrently and replaced by a new tower, then that portion of the required setback exceeding one hundred (100) feet in subsections b. and c. above *may* be reduced by fifteen (15) per cent for each additional telecommunication user in excess of the existing tower.

**This provision is not applicable.**

For towers exceeding a height of two hundred and fifty (250) feet, or where one or more existing telecommunications towers is concurrently being removed and replaced with a new tower containing additional telecommunication users, this *setback may* be reduced by the *City Council*. In the case of a replacement tower, the *City Council shall* make a finding that the lesser setback will reduce the number of towers in the area. In all cases, *City Council shall* also make a finding that the lesser setback will not be injurious to *property* or improvements in the *affected area*. In no case *shall* the setback be reduced to less than fifty (50) per cent of the tower height.

**This provision is not applicable.**

The provisions in this subsection are supplemental to the yard regulations in §10-2075 and do not lessen or diminish those regulations.

- (5) The base of the tower and each guy anchor are surrounded by a fence or wall at least eight (8) feet in height unless the tower and all guy anchors are mounted entirely on a *building* over eight (8) feet in height. Except for fence and wall entrances, all fences and walls *shall* be screened with plant material so that no more than two-thirds (2/3) of the surface of the fence or wall is visible, within three (3) years after erection of the structure, from a public *street* or from any adjoining *lot* which contains a *dwelling, congregate care* or *congregate living structure*, or is zoned a *residential district*.

**See the Compound Detail as shown on Sheet C-1, Site Plan and Tower Elevation on the Zoning Drawings submitted with this application, illustrating the tower compound will be surrounded with an eight (8') feet high, closed wooden fence.**

**Cross reference:** Fences and walls, §§10-2085 and 10-2086.

- (6) The area adjoining *street* rights-of-way *shall* contain a minimum *street protective yard* of twenty (20) feet wide as measured perpendicular to the public *street* rights-of-way. This *street protective yard shall* comply with the requirements of §10-2082.5. No *street yard shall* be required along *street* frontage located a distance from the tower of more than twice the height of the tower.

**See Sheet C-2 Grading & Landscaping Plan of the Zoning Drawings for compliance with this provision showing the twenty (20') feet wide street protective yard along Cross Link Road.**

In addition to this *street protective yard*, a *transitional protective yard* which contains the same plantings required in §10-2082.9 for low impact uses *shall* be installed within all the *yard areas* required in subparagraph (4) above, which adjoin a *lot* containing a *dwelling, congregate care, or congregate living structure*, or zoned a *residential district*. The installation of any fence, wall, planting or *earthen berm shall* not reduce or lessen this requirement.

**See Sheet C-2 Grading & Landscaping Plan of the Zoning Drawings for compliance with this provision showing the transitional street protective yard along the west side of the access road to the tower compound. The existing vegetation along the eastern part of the property is intended to serve as the transitional protective yard for this area.**

In instances where a telecommunication tower is locating on a developed *lot* in accordance with §10-2088 of this Code, and the existing physical development on the *lot* precludes the full installation of the aforementioned *protective yards*, the *City Council may* approve an alternate method of compliance as set forth under the conditions of §10-2082.4 of this Code.

- (7) The output power from the tower *shall* not exceed federally approved levels for exposure to electronic magnetic force (EMF).

**See attached Radio Frequency Emissions Certification from American Towers, Inc. identified as EXHIBIT 2.**

- (8) If determined by the *City* that the proposed tower is situated in a location which will benefit the *City's* telecommunication systems, then, the tower *shall* be engineered and constructed to accommodate the additional telecommunicating equipment beneficial to the public system.

American Towers Inc. will provide the City of Raleigh with space on the tower for its telecommunications equipment if requested.

- (9) If the proposed tower is located on *property* that is zoned a *residential district* at the time of the special use hearing, the tower *shall* be either less than seventy-five (75) feet in height or located no closer than one thousand and five hundred (1,500) feet (determined by straight line and not *street* distance) to a tower greater than seventy-five (75) feet in height which was constructed after the effective date of this ordinance.

The proposed tower is located on property that is zoned R-10 and is located no closer than one-thousand and five hundred (1,500') feet (determined by straight line and not *street* distance) to a tower greater than seventy-five (75) feet in height which was constructed after the effective date of this ordinance.

The closest existing tower in this vicinity is located approximately 1,685' from the proposed tower site. See the attached Existing Towers Map illustrating this provision identified as EXHIBIT 5. Please note this tower is Wake Counties Emergency Communications Tower and commercial telecommunication providers are prohibited from locating antennas on this tower.

If the proposed tower is located on *property* that is zoned a *nonresidential district* at the time of the special use hearing, the tower *shall* be either less than one hundred (100) feet in height or located no closer than one thousand (1,000) feet to a tower greater than one hundred (100) feet in height which was constructed after the effective date of this ordinance.

This provision is not applicable because the proposed tower will be located in a residential district (R-10).

The *City Council* may approve the construction of a tower which does not meet the above standards if evidence is provided which demonstrates that reasonable effort has been made to lease space on an existing tower or that no existing tower will technically satisfy the applicant's specific needs.

- (10) If the tower is located within a Historic Overlay District or Metro Park Protection Overlay District, the tower does not exceed the maximum *building* height allowed within the underlying zoning district.

The proposed tower is not located within a Historic District or Metro Park Protection Overlay District.

- (11) No tower *shall* be approved unless evidence is presented that at least one telecommunication user will occupy the tower. If the tower is between one hundred (100) feet and one hundred fifty (150) feet in height, the tower *shall* be engineered and constructed to accommodate a minimum of two telecommunication users. If the tower equals or exceeds one hundred fifty (150) feet in height but is less than one hundred eighty (180) feet in height, the tower *shall* be engineered and constructed to accommodate a minimum of three telecommunication users. If the tower equals or exceeds one hundred eighty (180) feet in height, but is less than 200 feet in height, the tower *shall* be engineered and constructed to accommodate a minimum of four telecommunication users. If the tower equals or exceeds two hundred (200) feet in height, the tower *shall* be engineered and constructed to accommodate a minimum of five telecommunication users.

See the Tower Elevation as shown on Sheet C-1, Site Plan and Tower Elevation on the Zoning Drawings submitted with this application, illustrating the tower will be engineered and designed to accommodate a *minimum* of four (4) telecommunication users.

- (12) Unless enclosed by a *closed fence* at least eight (8) feet in height, the exterior appearance of all *buildings*, located in a *residential district* look like a residential *dwelling*, including without limitation, pitched roof(s) and frame or brick veneer construction. For each potential telecommunication user to occupy the tower there *shall* be a minimum of six hundred (600) square feet reserved on the plans for associated building(s) and equipment, unless the applicant provides evidence that less space is necessary.

See the Compound Detail as shown on Sheet C-1, Site Plan and Tower Elevation on the Zoning Drawings submitted with this application, illustrating the tower compound will be enclosed with a wooden fence eight (8') feet in height.

Each future telecommunications user will be provided with at least 600 square feet of land area for equipment buildings and/or equipment also shown on Sheet C-1, Site Plan and Tower Elevation on the Zoning Drawings.

- (13) That the applicant has provided evidence that the proposed tower meets FAA requirements, and is in accordance with all the tower requirements and standards of the Raleigh Durham Airport Authority.

See attached FAA Certification from American Towers, Inc. identified as EXHIBIT 3.

- (14) Associated *buildings* located in any *residential district* may not be used as an employment center for any worker. This provision does not prohibit the periodic maintenance or periodic monitoring of equipment and instruments.

See attached Employment Certification from American Towers, Inc. identified as EXHIBIT 4.

- (15) The use will not be injurious to *property* or improvements in the *affected area*.

A Property Impact Report is underway and will be provided to the City of Raleigh upon receipt.

- (16) Unless otherwise specified by this permit, that within six (6) months of approval of this special use permit, a grading permit, building permit, or zoning permit is obtained, and within one year of approval of this special use permit the tower is installed and operational, or the special use permit *shall* be void.

**This provision is acknowledged and accepted by the applicant.**

For any telecommunication tower approved after application of this regulation, which is discontinued, unused, or unoccupied by the telecommunication user for a continuous period of three hundred and sixty-five (365) days or more, the tower *shall* be removed within thirty (30) days of notification by the Chief Zoning Inspector.

**This provision is acknowledged and accepted by the applicant.**

## Section D.

ADJACENT PROPERTY OWNERS (Attach additional sheets if necessary)

Include all properties immediately adjacent to or directly opposite across the street from the subject property.

Property ID No.	Property Owner	Mailing Address	Zip Code
1702948392	Loving Word Baptist Church	PO Box 26715, Raleigh, NC	27611-6715
1702948720	S. Xueping & Jiwen F. Duan	207 Gingergate Drive, Cary, NC	27519-5849
1702948811	Robert & Anitra Fuller	2809 Garner Road, Raleigh, NC	27610-4643
1712041750	Mentor Masonic Lodge #55	PO Box 27762, Raleigh, NC	27611-7762
1712043779	Mohamed Dafa	1106 Timber Drive, Garner, NC	27529-4833
1712043785	Charles P. Crossan, Jr.	276 Flanders Netcong Road, Flanders, NJ	07836-9608
1712043790	David Bohn & Summer Franks	1012 E. Saint Helena Place, Apex, NC	27502-7171
1712043879	Ernest & Brenda East	5227 Saddle Mountain, Antioch, CA	94531
1712044532	Boardwalk Enterprises	PO Box 32038, Raleigh, NC	27622-2038
1712044537	Boardwalk Enterprises	PO Box 32038, Raleigh, NC	27622-2038
1712044606	Charles P. Crossan, Jr.	276 Flanders Netcong Road, Flanders, NJ	07836-9608
1712044621	David Bohn & Summer Franks	1012 E. Saint Helena Place, Apex, NC	27502-7171
1712042291	Locoland LLC	8804 Albright Road, Raleigh, NC	27612-7445
1712945831	Kim Jarrell Smith	3120 Blue Drive SW, Supply, NC	28462-2607
1712058582	Fellers Pond, LLC	4030 Wake Forest Road, Raleigh, NC	27609-6800



**PROPOSED AMERICAN TOWERS, INC. -- TELECOMMUNICATIONS TOWER SITE  
LIST OF ADJOINING PROPERTY OWNERS ADJACENT TO 609 CROSSLINK ROAD**

PIN NUMBER	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP	PROPERTY ADDRESS
1702948392	LOVING WORD BAPTIST CHURCH	PO BOX 26715	RALEIGH	NC	27611-6715	3007 GARNER RD
1702948720	XUEPING S & JIWEN F DUAN	207 GINGERGATE DR	CARY	NC	27519-5849	2810 DEER COVE LN
1702948811	ROBERT & ANITRA FULLER	2809 GARNER ROAD	RALEIGH	NC	27610-4643	2809 GARNER ROAD
1712041750	MENTOR MASONIC LODGE #55	PO BOX 27762	RALEIGH	NC	27611-7762	609 CROSSLINK ROAD
1712043779	MOHAMED DAFAA	1106 TIMBER DRIVE	GARNER	NC	27529-4833	2814 HERNDON VILLAGE WAY
1712043785	CHARLES P. CROSSAN, JR.	276 FLANDERS NETCONG RD	FLANDERS	NJ	07836-9608	2818 HERNDON VILLAGE WAY
1712043790	DAVID BOHM & SUMMER FRANKS	1012 E SAINT HELENA PL	APEX	NC	27502-7171	2822 HERNDON VILLAGE WAY
1712043879	ERNEST & BRENDA EAST	5227 SADDLE MONUNTAIN	ANITOH	CA	94531	2810 HERNDON VILLAGE WAY
1712044532	BOARDWALK ENTERPRISES	PO BOX 32038	RALEIGH	NC	27622-2038	2838 HERNDON VILLAGE WAY
1712044537	BOARDWALK ENTERPRISES	PO BOX 32038	RALEIGH	NC	27622-2038	2834 HERNDON VILLAGE WAY
1712044606	CHARLES P. CROSSAN, JR.	276 FLANDERS NETCONG RD	FLANDERS	NJ	07836-9608	2826 HERNDON VILLAGE WAY
1712044621	DAVID BOHM & SUMMER FRANKS	1012 E SAINT HELENA PL	APEX	NC	27502-7171	2830 HERNDON VILLAGE WAY
1712042291	LOCOLAND LLC	8804 ALBRIGHT	RALEIGH	NC	27612-7445	3101 GARNER ROAD
1702948531	KIM JARRELL SMITH	3120 BLUE DR SW	SUPPLY	NC	28462-2607	2909 GARNER ROAD
1712058582	FELLERS POND LLC	4030 WAKE FOREST ROAD	RALEIGH	NC	27609-6800	919 CROSS LINK RD

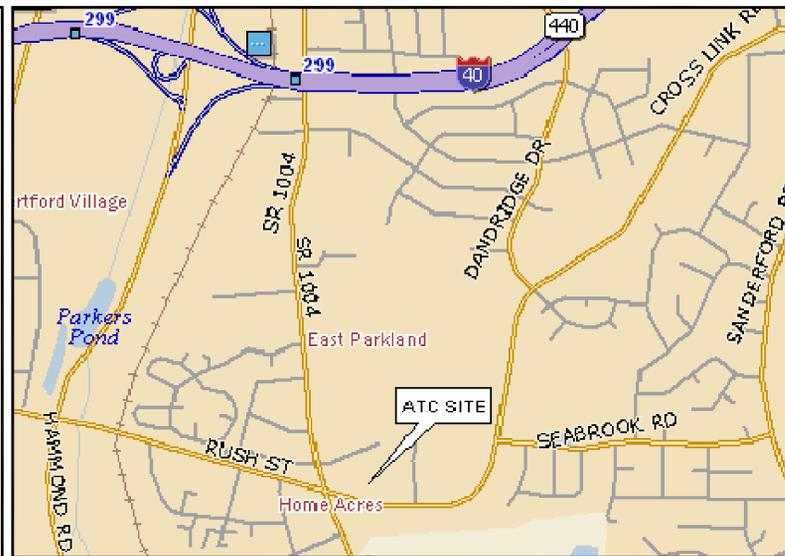
SITE DEVELOPER/APPLICANT:



# AMERICAN TOWER CORPORATION

609 CROSS LINK ROAD  
RALEIGH, NC 27610  
(WAKE COUNTY)

AT&T #: 368-368  
ATC SITE #: 273694  
ATC SITE NAME: CROSSLINK



### LOCATION MAP

FROM CARY, NC: TAKE I-40 EAST TO EXIT 299 (HAMMOND STREET). TURN RIGHT ONTO HAMMOND STREET AND FOLLOW FOR APPROXIMATELY 1 MILE TO RUSH STREET. TURN LEFT ON RUSH STREET AND CONTINUE FOR 0.6 MILES. AT THE LIGHT, CONTINUE STRAIGHT ONTO CROSS LINK ROAD. ACCESS TO THE SITE WILL BE LOCATED ON THE LEFT.

- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTION CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- THE ARCHITECT/ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF THE WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE CONSTRUCTION MANAGER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OF PERFORMANCE OF WORK, IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE THEIRSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH THE CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWING/CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S SPECIFICATION UNLESS NOTED OTHERWISE, OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL SAID CONFLICT IS RESOLVED BY THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.

### GENERAL NOTES

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

- NORTH CAROLINA BUILDING CODE (2008 EDITION)
- NORTH CAROLINA CODE COUNCIL
- ANSI/TIA/EIA-222-F
- NATIONAL ELECTRIC CODE (2008 EDITION)
- LOCAL BUILDING CODE
- CITY/COUNTY ORDINANCES

### CODE COMPLIANCE

LATITUDE N 35° 44' 25.818" (NAD '27)\*  
LONGITUDE W 78° 37' 44.973" (NAD '27)\*  
LATITUDE N 35° 44' 26.366" (NAD '83)\*  
LONGITUDE W 78° 37' 43.986" (NAD '83)\*  
GROUND ELEV. (AMSL) = 311.6' ± (NAVD '88) \*

### 1-A COORDINATES

SHEET:	DESCRIPTION:	REV
T-1	TITLE SHEET	0
C-1	SITE PLAN	0
C-2	GRADING PLAN & LANDSCAPING PLAN	0

### DRIVING DIRECTIONS

### SHEET INDEX

ATC SITE NUMBER :	273694	PRESENT OCCUPANCY TYPE:	VACANT
ATC SITE NAME:	CROSSLINK	CURRENT ZONING:	R-10
PROJECT DESCRIPTION:	PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY	PIN NUMBER:	1712041750
TOWER TYPE:	180' MONOPOLE		
SITE ADDRESS:	609 CROSS LINK ROAD RALEIGH, NC 27610 (WAKE COUNTY)		
JURISDICTION:	CITY OF RALEIGH		
AREA OF CONSTRUCTION:	15,650± SQ. FT. (LEASE AREA)		

### PROJECT INFORMATION

<b>SITE PROJECT MANAGER:</b> NAME: AMERICAN TOWER COMPANY ADDRESS: 400 REGENCY FOREST DRIVE CITY, STATE, ZIP: CARY, NC 27518 CONTACT: JILL HOUSE PHONE: (919) 466-5163	<b>PROPERTY OWNER:</b> NAME: MENTOR MASONIC LODGE #55 ADDRESS: PO BOX 27762 CITY, STATE, ZIP: RALEIGH, NC 27611 CONTACT: ED JOINES PHONE: (919) 475-6220
<b>SITE APPLICANT:</b> NAME: AMERICAN TOWER CORPORATION ADDRESS: 400 REGENCY FOREST DRIVE CITY, STATE, ZIP: CARY, NC 27518 CONTACT: JILL HOUSE PHONE: (919) 466-5163	
<b>SURVEYOR:</b> NAME: TOWER ENGINEERING PROFESSIONALS ADDRESS: 3703 JUNCTION BOULEVARD CITY, STATE, ZIP: RALEIGH, NC 27610 CONTACT: CLIFF BYRD, P.L.S. PHONE: (919) 661-6351	
<b>CIVIL ENGINEER:</b> NAME: TOWER ENGINEERING PROFESSIONALS ADDRESS: 3703 JUNCTION BOULEVARD CITY, STATE, ZIP: RALEIGH, NC 27610 CONTACT: GRAHAM M. ANDRES, P.E. PHONE: (919) 661-6351	<b>UTILITIES:</b> POWER COMPANY: PROGRESS ENERGY CUSTOMER SERVICE: (919) 508-5400 METER # NEAR SITE: UNKNOWN
<b>ELECTRICAL ENGINEER:</b> NAME: TOWER ENGINEERING PROFESSIONALS ADDRESS: 3703 JUNCTION BOULEVARD CITY, STATE, ZIP: RALEIGH, NC 27610 CONTACT: J. RUSSELL HILL, P.E. PHONE: (919) 661-6351	<b>TELEPHONE COMPANY:</b> AT&T CUSTOMER SERVICE: (877) 737-2478 PHONE: (919) 212-6510 PEDESTAL # NEAR SITE: UNKNOWN

### CONTACT INFORMATION

### 2009 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (Except for 1 and 2-family dwellings and townhouses) (Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Crosslink  
Address: 609 Cross Link Road, Raleigh, NC Zip Code: 27610  
Proposed Use: Telecommunications Facility  
Owner/Authorized Agent: Jill House Phone # (919) 466-5163 E-Mail jill.house@americantower.com  
Owned By:  City/County  Private  State  
Code Enforcement Jurisdiction:  City Raleigh  County  State

LEAD DESIGN PROFESSIONAL:	DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural						
Civil		Tower Engineering Professionals	Graham M. Andres	033734	(919) 661-6351	gandres@teppro.com
Electrical		Tower Engineering Professionals	J. Russell Hill	9910	(919) 661-6351	jhill@teppro.com
Fire Alarm						
Plumbing						
Mechanical						
Sprinkler-Standpipe						
Structural						
Retaining Walls >5' High						
Other						

2009 EDITION OF NC CODE FOR:  New Construction  Addition  Upfit  
EXISTING:  Reconstruction  Alteration  Repair  
CONSTRUCTED ORIGINAL USE RENOVATED CURRENT USE

**BUILDING DATA**  
Construction Type:  I-A  II-A  III-A  IV  V-A  
 I-B  II-B  III-B  V-B  
Mixed Construction:  No  Yes Types:  NFPA 13  NFPA13R  NFPA 13D  
Sprinklers:  No  Partial  Yes  
Standpipes:  No  Yes Class  I  II  III  Wet  Dry  
Fire District:  No  Yes Flood Hazard Area:  No  Yes  
Building Height: Feet 9'-0" Number of Stories 1  
Mezzanine: \_\_\_\_\_  
Gross Building Area: 228 SQ. FT.

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	N/A	228 SQ. FT.	228 SQ. FT.
Basement			
<b>TOTAL</b>			228 SQ. FT.

### APPENDIX B - 2009 EDITION

**ALLOWABLE AREA**

Primary Occupancy:  Assembly A-1  A-2  A-3  A-4  A-5  
 Business  Educational  Factory  F-1 Moderate  F-2 Low  
 Hazardous  H-1 Detonate  H-2 Deflagrate  H-3 Combust  H-4 Health  H-5 HPM  
 Institutional  I-1  I-2  I-3  I-4  
 I-3 Condition  1  2  3  4  
 Mercantile Residential  R-1  R-2  R-3  R-4  
 Storage  S-1 Moderate  S-2 Low  High-Piled  
 Utility and Miscellaneous  Parking Garage  Open  Enclosed  Repair Garage

Secondary Occupancy:  
Special Uses:  402  403  404  405  406  407  408  409  410  411  412  
 413  414  415  416  417  418  419  420  421  422  423  
Special Provisions:  509.2  509.3  509.3  509.4  509.5  509.6  509.7  509.8  
Mixed Occupancy:  No  Yes Separation: \_\_\_\_\_ Hr. Exception: \_\_\_\_\_  
 Incidental Use Separation (508.2)  
 This separation is not exempt as a Non-Separated Use (see exceptions)  
 Non-Separated Use (508.3.2)  
The required type of construction for the building shall be determined by applying the height and area limitations for each applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.  
 Separated Use (508.3.3) - See below for calculations  
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.  
$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 503- AREA	(C) AREA FOR FRONTAGE INCREASE	(D) AREA FOR SPRINKLER INCREASE	(E) ALLOWABLE AREA OR UNLIMITED	(F) MAXIMUM BUILDING AREA
1	TELECOM	228	8,500	N/A	N/A		228

- Frontage area increases from Section 506.2 are computed thus:  
a. Perimeter which fronts a public way or open space having 20 feet minimum width = (P)  
b. Total Building Perimeter = (P)  
c. Ratio (F/P) = (F/P)  
d. W = Minimum width of public way = (W)  
e. Percent of frontage increase  $I_f = 100[F/P - 0.25] \times W/30 = (\%)$
- The sprinkler increase per Section 506.3 is as follows:  
a. Multi-story building  $I_s = 200$  percent  
b. Single story building  $I_s = 300$  percent
- Unlimited area applicable under conditions of Sections Group B, F, M, S, A-3, A-4 (507); Group A motion picture (507.10); Covered Mall Buildings (402.6); and H-2 aircraft paint hangers (507.8).
- Maximum Building Area = total number of stories in the building x E (506.4).
- The maximum area of open parking garages must comply with Table 406.3.5. The maximum area of air traffic control towers must comply with Table 412.1.2.

### GENERAL CONDITIONS OF APPROVAL

### SPECIAL CONDITIONS OF APPROVAL

### CASE NUMBER:

### APPROVAL STAMPING

PLANS PREPARED FOR: AMERICAN TOWER CORPORATION  
400 REGENCY FOREST DR. CARY, NC 27511 OFFICE: (919) 466-5163

TOWER ENGINEERING PROFESSIONALS  
3703 JUNCTION BOULEVARD  
RALEIGH, NC 27610-5263  
OFFICE: (919) 661-6351  
FAX: (919) 661-6350  
N.C. LICENSE # C-1794

PLANS PREPARED BY: TOWER ENGINEERING PROFESSIONALS  
PRELIMINARY PLOT/SITE PLAN  
ISSUED FOR: \_\_\_\_\_  
CHECKED BY: GMA

PROJECT INFORMATION:  
AT&T #: 368-368  
ATC #: 273694  
CROSSLINK  
609 CROSS LINK ROAD  
RALEIGH, NC 27610  
(WAKE COUNTY)

SEAL: [Professional Engineer Seal for Graham M. Andres, No. 033734, State of NC]

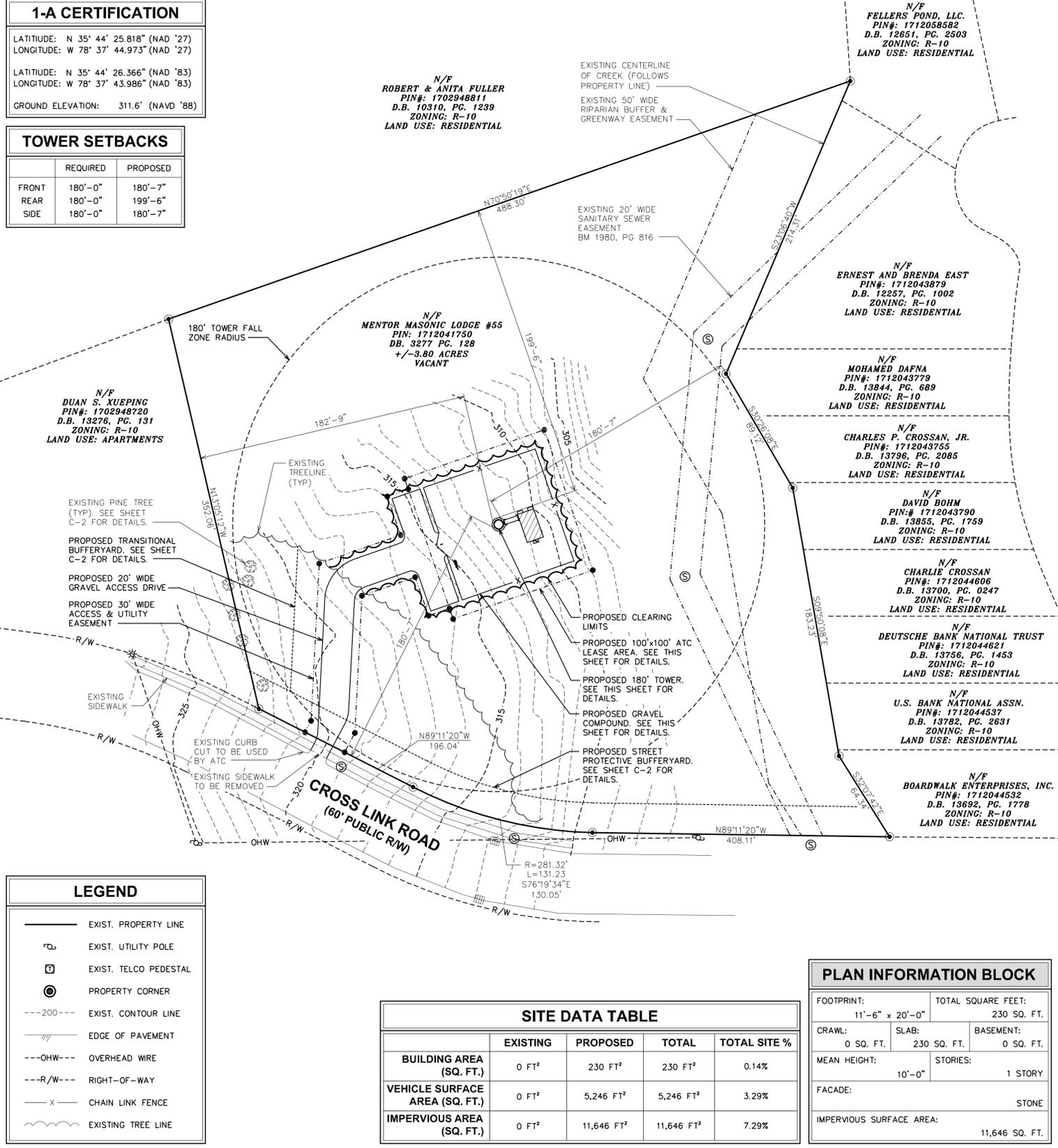
SHEET TITLE: TITLE SHEET  
SHEET NUMBER: T-1  
REVISION: 0  
REP. #: 101415

**NOTES:**

1. THE BASIS OF THE MERIDIANS AND COORDINATES FOR THIS PLAT IS THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (NCSPCS NAD 83), BASED ON DIFFERENTIAL GPS OBSERVATIONS PERFORMED ON APRIL 2, 2010.
2. VERTICAL INFORMATION SHOWN, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF NAVD 1988 IN FEET.
3. ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED.
4. THIS PROPERTY IS NOT LOCATED IN A FLOOD ZONE ACCORDING TO FEMA COMMUNITY PANEL # 3720171200J, DATED MAY 2, 2006.

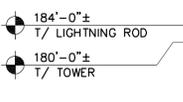
1-A CERTIFICATION	
LATITUDE: N 35° 44' 25.818" (NAD '27)	LONGITUDE: W 78° 37' 44.973" (NAD '27)
LATITUDE: N 35° 44' 26.366" (NAD '83)	LONGITUDE: W 78° 37' 43.986" (NAD '83)
GROUND ELEVATION: 311.6' (NAVD '88)	

TOWER SETBACKS		
	REQUIRED	PROPOSED
FRONT	180'-0"	180'-7"
REAR	180'-0"	199'-6"
SIDE	180'-0"	180'-7"



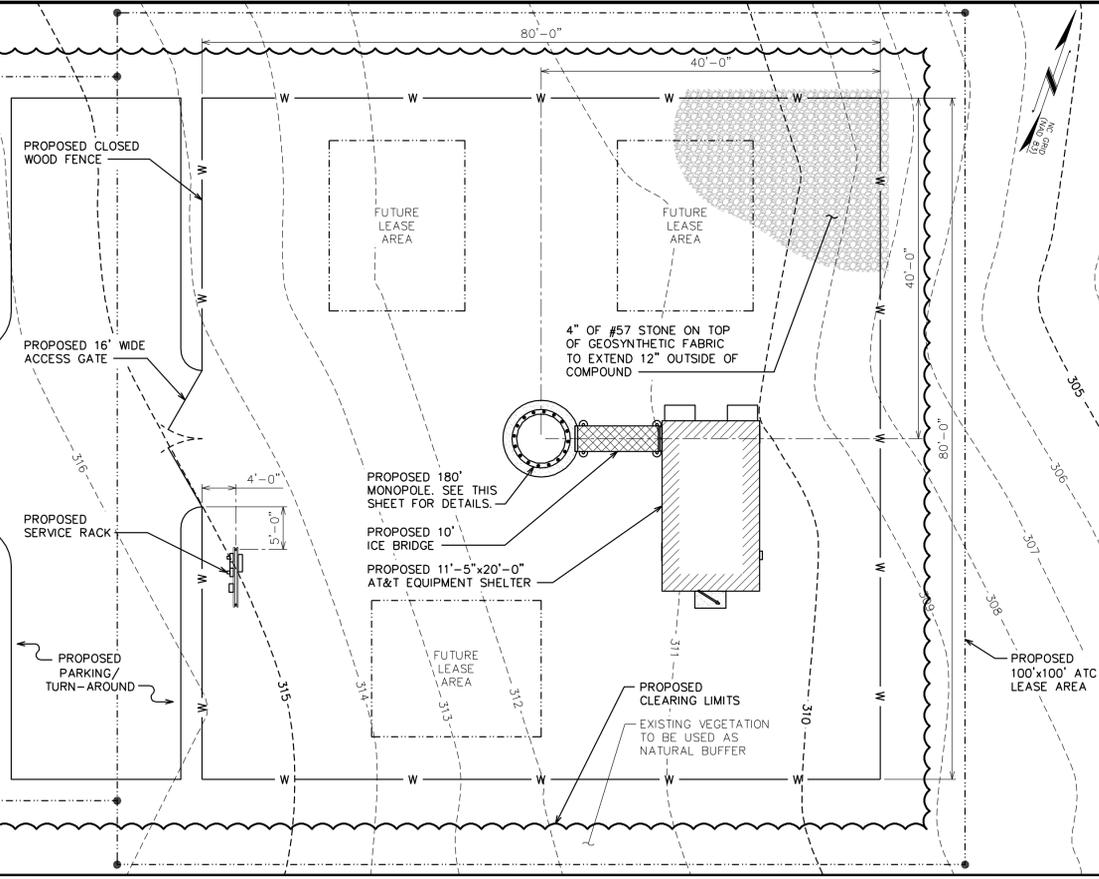
LEGEND	
	EXIST. PROPERTY LINE
	EXIST. UTILITY POLE
	EXIST. TELCO PEDESTAL
	PROPERTY CORNER
	EXIST. CONTOUR LINE
	EDGE OF PAVEMENT
	OVERHEAD WIRE
	RIGHT-OF-WAY
	CHAIN LINK FENCE
	EXISTING TREE LINE

**SITE PLAN**  
SCALE: 1" = 40'



- NOTES:**
1. TOWER SHALL BE ILLUMINATED ONLY AS REQUIRED BY THE FEDERAL COMMUNICATIONS COMMISSION (FCC), THE FEDERAL AVIATION ADMINISTRATION (FAA), OR OTHER STATE OR FEDERAL AGENCY OF COMPETENT JURISDICTION.
  2. TOWER SHALL BE CONSTRUCTED OF GALVANIZED STEEL OR PAINTED PER APPLICABLE STANDARDS OF THE FAA OR OTHER APPLICABLE FEDERAL OR STATE AGENCY.
  3. A SINGLE SIGN, 2 FEET SQUARE, IN A VISIBLE LOCATION SHALL BE REQUIRED WITH NAME AND EMERGENCY TELEPHONE NUMBER OF THE TOWER OWNER AND ALL COMPANIES OPERATING ON THE TOWER. NO ADVERTISING SHALL BE ATTACHED TO THE TOWER.

**TOWER ELEVATION**  
SCALE: 1" = 20'



**COMPONENT DETAIL**  
SCALE: 1/8" = 1'-0"

PLANS PREPARED FOR:

AMERICAN TOWER CORPORATION  
400 REGENCY FOREST DR.  
CARY, NC 27511  
OFFICE: (919) 466-5163

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS  
3703 JUNCTION BOULEVARD  
RALEIGH, NC 27605-5663  
OFFICE: (919) 861-6331  
FAX: (919) 861-6350  
N.C. LICENSE # C-1794

PROJECT INFORMATION:

AT&T # 368-368  
ATC # 273694  
CROSSLINK  
609 CROSS LINK ROAD  
RALEIGH, NC 27610  
(WAKE COUNTY)

SEAL:

SHEET NUMBER: C-1  
REVISION: 0  
TEP #: 101415

DATE: 05-19-10  
REV: 0  
ISSUED FOR: PRELIMINARY PLOT/SITE PLAN  
CHECKED BY: GMA

**STREET PROTECTIVE YARD - PLANTING SCHEDULE**

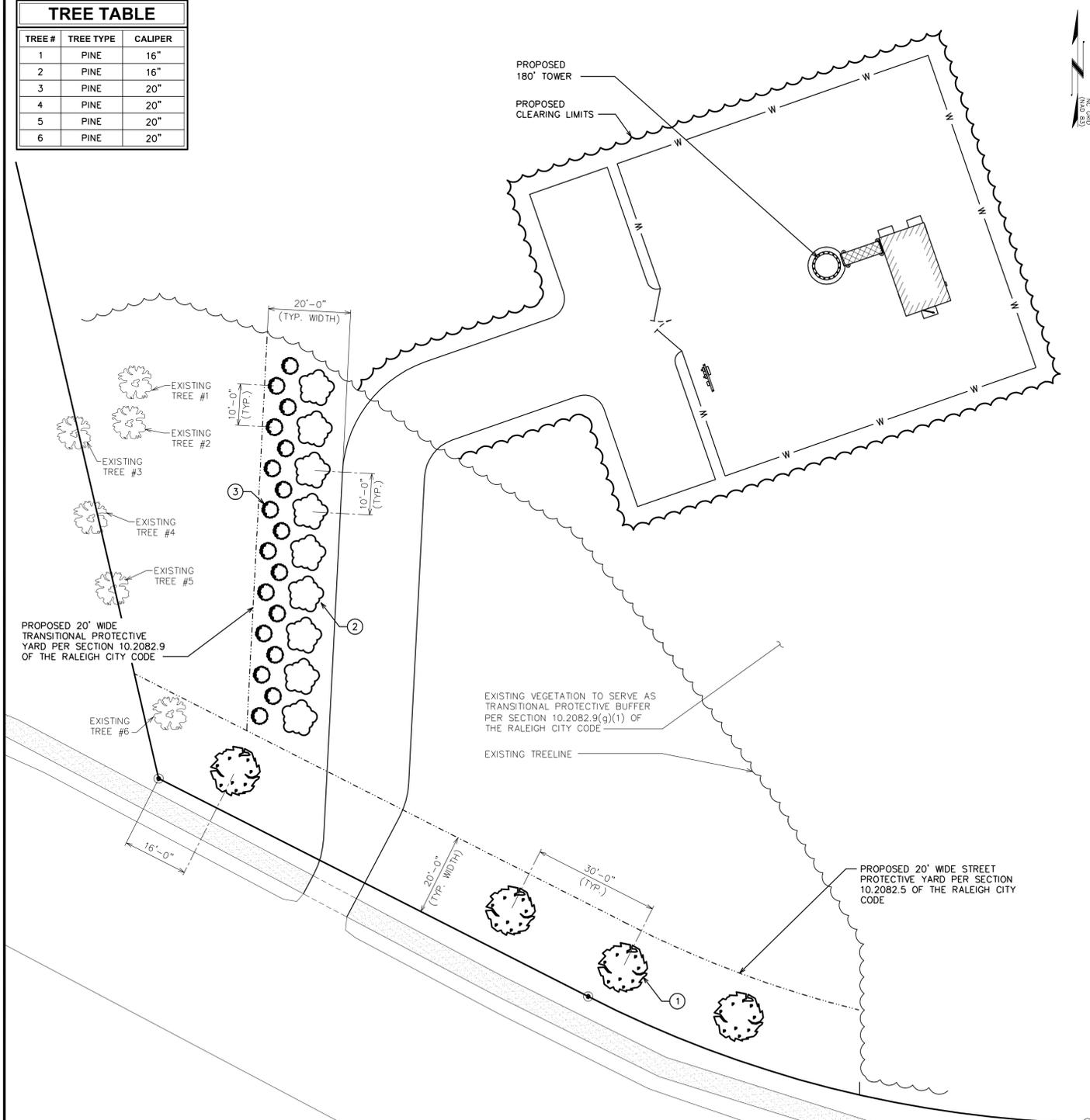
ITEM	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT @ PLANTING	HEIGHT @ MATURITY	CALIPER SIZE	SPACING	REMARKS
<b>TREE</b>								
①	4	( <i>Quercus palustris</i> )	PINE OAK	8'-0" (MIN)	35'-0"	6"φ	10'-0" (MIN)	SHOWN AS

**TRANSITIONAL PROTECTIVE YARD - PLANTING SCHEDULE**

ITEM	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT @ PLANTING	HEIGHT @ MATURITY	CALIPER SIZE	SPACING	REMARKS
<b>TREE</b>								
②	9	( <i>Cupressocyparis leylandii</i> )	LEYLAND CYPRESS	8'-0" (MIN)	35'-0"	2'-0"φ	10'-0"	SHOWN AS
<b>SHRUB</b>								
③	18	( <i>Ilex cornuta</i> )	DWARF BURFORD HOLLY	1'-6" (MIN)	6'-0"	N/A	10'-0"	SHOWN AS

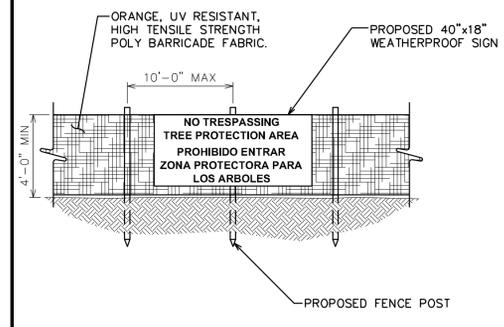
**TREE TABLE**

TREE #	TREE TYPE	CALIPER
1	PINE	16"
2	PINE	16"
3	PINE	20"
4	PINE	20"
5	PINE	20"
6	PINE	20"



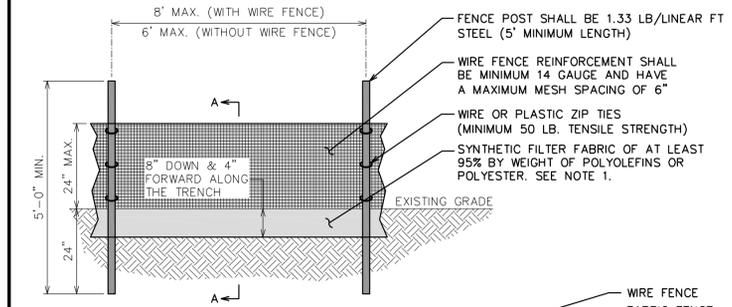
**NOTES:**

- SIGNS SHALL BE ATTACHED SECURELY TO FENCE POSTS AND FABRIC AND PLACED AT EACH END OF LINEAR PROTECTION AREAS AND A MINIMUM OF 100' APART ON CENTER.
- LETTERS SHALL BE 3" HIGH MIN. AND CLEARLY LEGIBLE.
- MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.
- ADDITIONAL SIGNS MAY BE REQUIRED BASED ON ACTUAL FIELD CONDITIONS.
- SIGNS TO READ: "NO TRESPASSING/TREE PROTECTION AREA/PROHIBIDO ENTRAR/ZONA PROTECTORA PARA LOS ARBOLES".
- UPON INSTALLATION OF TREE PROTECTION FENCING, CONTRACTOR SHALL CONTACT CLAY SHEPHERD @ (919) 560-4137.



**TREE PROTECTION FENCE DETAIL**

SCALE: N.T.S.



**NOTES:**

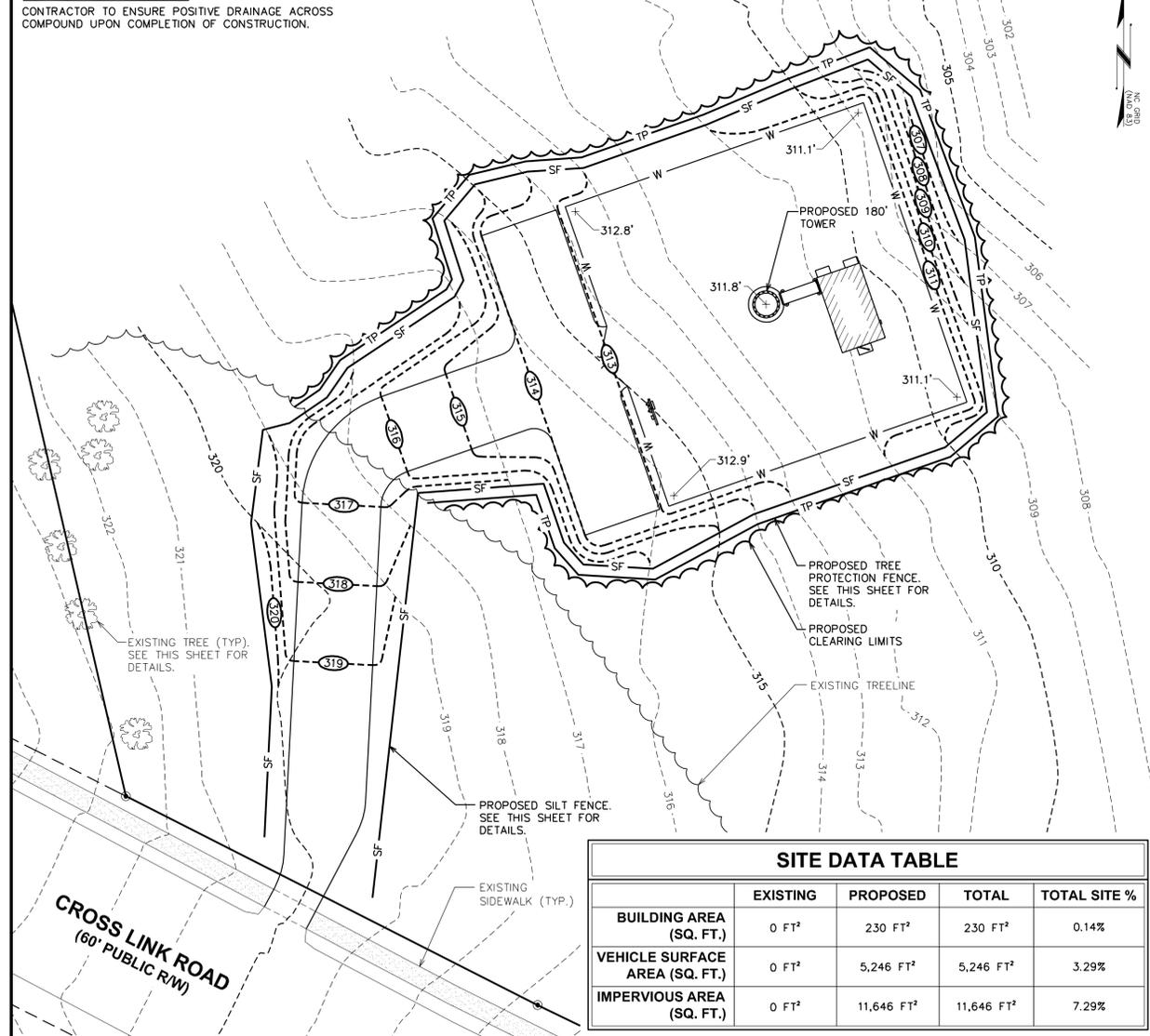
- FILTER FABRIC SHALL CONFORM TO THE REQUIREMENTS LISTED IN ASTM D 6461.
- ENDS OF INDIVIDUAL FILTER FABRIC SHALL BE SECURELY FASTENED AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAP TO THE NEXT POST.
- PLACE 12 INCHES OF FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH.
- INSPECT SEDIMENT FENCE(S) AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE.
- AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO GRADE AND PROPERLY STABILIZE THE SITE.

**SILT FENCE DETAIL**

SCALE: N.T.S.

**GRADING NOTE:**

CONTRACTOR TO ENSURE POSITIVE DRAINAGE ACROSS COMPOUND UPON COMPLETION OF CONSTRUCTION.



SITE DATA TABLE				
	EXISTING	PROPOSED	TOTAL	TOTAL SITE %
BUILDING AREA (SQ. FT.)	0 FT <sup>2</sup>	230 FT <sup>2</sup>	230 FT <sup>2</sup>	0.14%
VEHICLE SURFACE AREA (SQ. FT.)	0 FT <sup>2</sup>	5,246 FT <sup>2</sup>	5,246 FT <sup>2</sup>	3.29%
IMPERVIOUS AREA (SQ. FT.)	0 FT <sup>2</sup>	11,646 FT <sup>2</sup>	11,646 FT <sup>2</sup>	7.29%

**GRADING PLAN**

SCALE: 1" = 10'

**LANDSCAPING PLAN**

SCALE: 1/16" = 1'-0"

PLANS PREPARED FOR:

AMERICAN TOWER CORPORATION  
400 REGENCY FOREST DR.  
CARY, NC 27511  
OFFICE: (919) 466-5163

---

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS  
3703 JUNCTION BOULEVARD  
RALEIGH, NC 27605-5663  
OFFICE: (919) 861-6351  
FAX: (919) 861-6350  
N.C. LICENSE # C-1794

---

0	05-19-10	DATE	ISSUED FOR:	CHECKED BY:
			PRELIMINARY PLOT/SITE PLAN	GMA
				CMJ

---

PROJECT INFORMATION:

**AT&T # 368-368**  
**ATC # 273694**  
**CROSSLINK**  
609 GROSS LINK ROAD  
RALEIGH, NC 27610  
(WAKE COUNTY)

---

SEAL:

GRAHAM M. MENDENHALL  
LICENSE # 88784  
STATE OF NORTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER

---

SHEET TITLE: **GRADING PLAN & LANDSCAPING PLAN**

SHEET NUMBER: **C-2**

REVISION: **0**

REP. #: 101415

EXHIBIT 1



**AMERICAN TOWER®**  
CORPORATION

*Application of American Towers, Inc. to construct a new 180' Wireless  
Telecommunications Tower for the following site:*

*Site Name: Cross Link Road  
Site Address: 609 Cross Link Road, Raleigh, NC 27610*

**CERTIFICATION**

American Towers Inc. agrees and certifies that the proposed tower will not disturb Radio, Television, or other Electromagnetic Transmission or Reception on other properties.

By: Jill House

Its: Project Manager

EXHIBIT 2



*Application of American Towers Inc. to construct a new 180' Wireless Telecommunications Tower for the following site:*

*Site Name: **Cross Link Road**  
Site Address: **609 Cross Link Road, Raleigh, NC 27610***

CERTIFICATION

American Towers Inc. agrees and certifies that output from the tower's antennas will meet the minimum standards of the Federal Communications Commission (FCC) relating to the environmental effects of Radio Frequency Emissions.

A handwritten signature in blue ink that reads 'Jill House' is written over a horizontal line.

By: Jill House

Its: Project Manager

IT 3



*Application of American Towers Inc. to construct a new 180' Wireless Telecommunications Tower for the following site:*

*Site Name: Crosslink Road  
Site Address: 609 Crosslink Road, Raleigh, NC 27610*

### CERTIFICATION

American Towers Inc. agrees to comply and certifies that the proposed tower will meet the standards of the Federal Aviation Administration (FAA) for avoiding obstruction of navigable airspace and approaches to public airports, and for marking and lighting structures to promote aviation safety. The tower lighting will meet applicable FAA standards for either red obstruction lighting systems or dual lighting systems.

A handwritten signature in blue ink that reads 'Jill House' is written over a horizontal line.

By: Jill House

Its: Project Manager

EXHIBIT 4



*Application of American Towers Inc. to construct a new 180' Wireless Telecommunications Tower for the following site:*

*Site Name: Crosslink Road  
Site Address: 609 Crosslink Road Raleigh, NC 27610*

**CERTIFICATION**

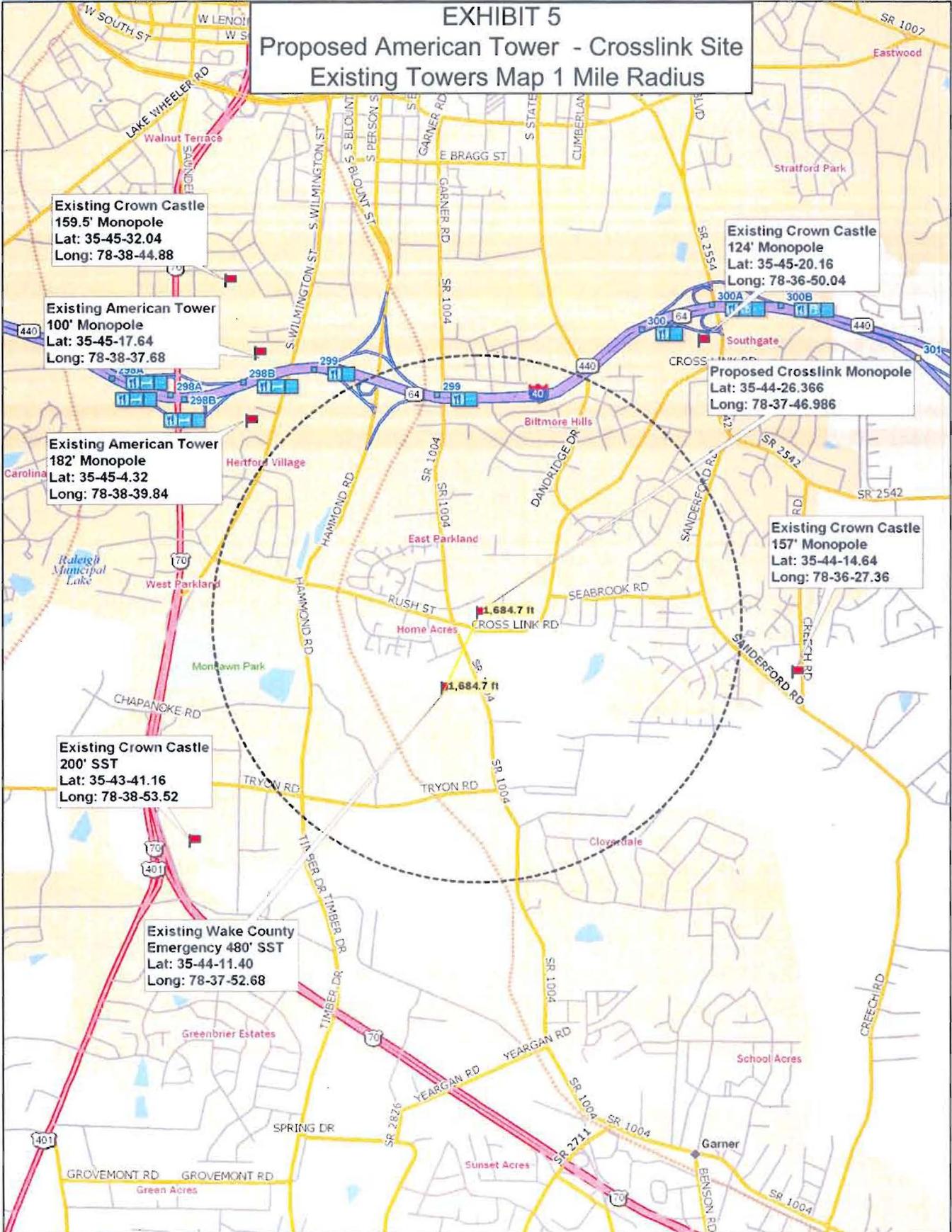
American Towers Inc. agrees to comply and certifies that no building associated with the tower will be used as an employment center for any worker.

A handwritten signature in blue ink that reads 'Jill House' is written over a horizontal line.

By: Jill House

Its: Project Manager

# EXHIBIT 5 Proposed American Tower - Crosslink Site Existing Towers Map 1 Mile Radius



Data use subject to license.

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www.delorme.com



Scale 1 : 31,250



1" = 2,604.2 ft

Data Zoom 12-6

# CITY OF RALEIGH – ZONING MAP

Site No.: 368-368

Site Name: Cross Link

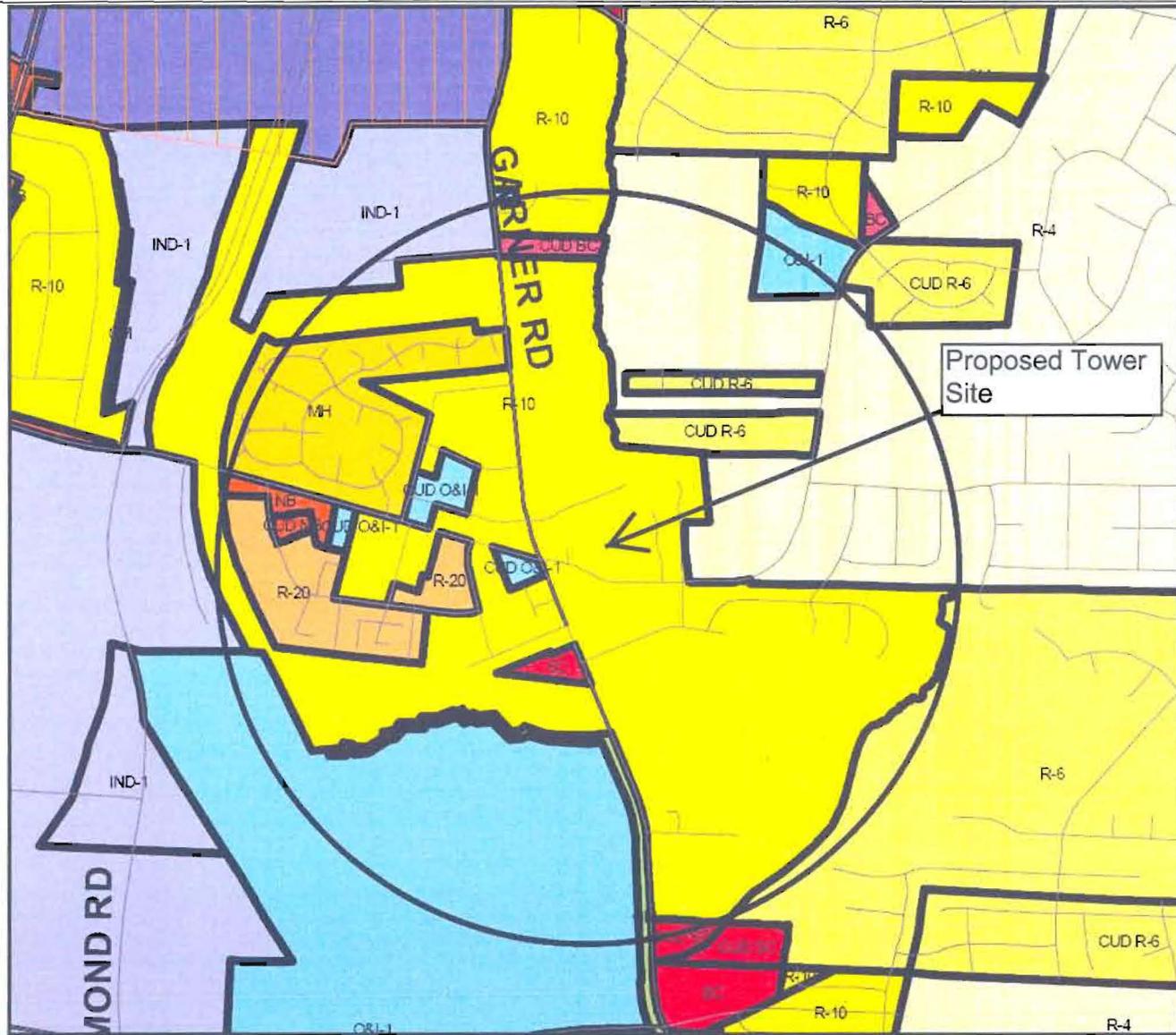
## Zoning Map

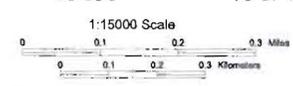
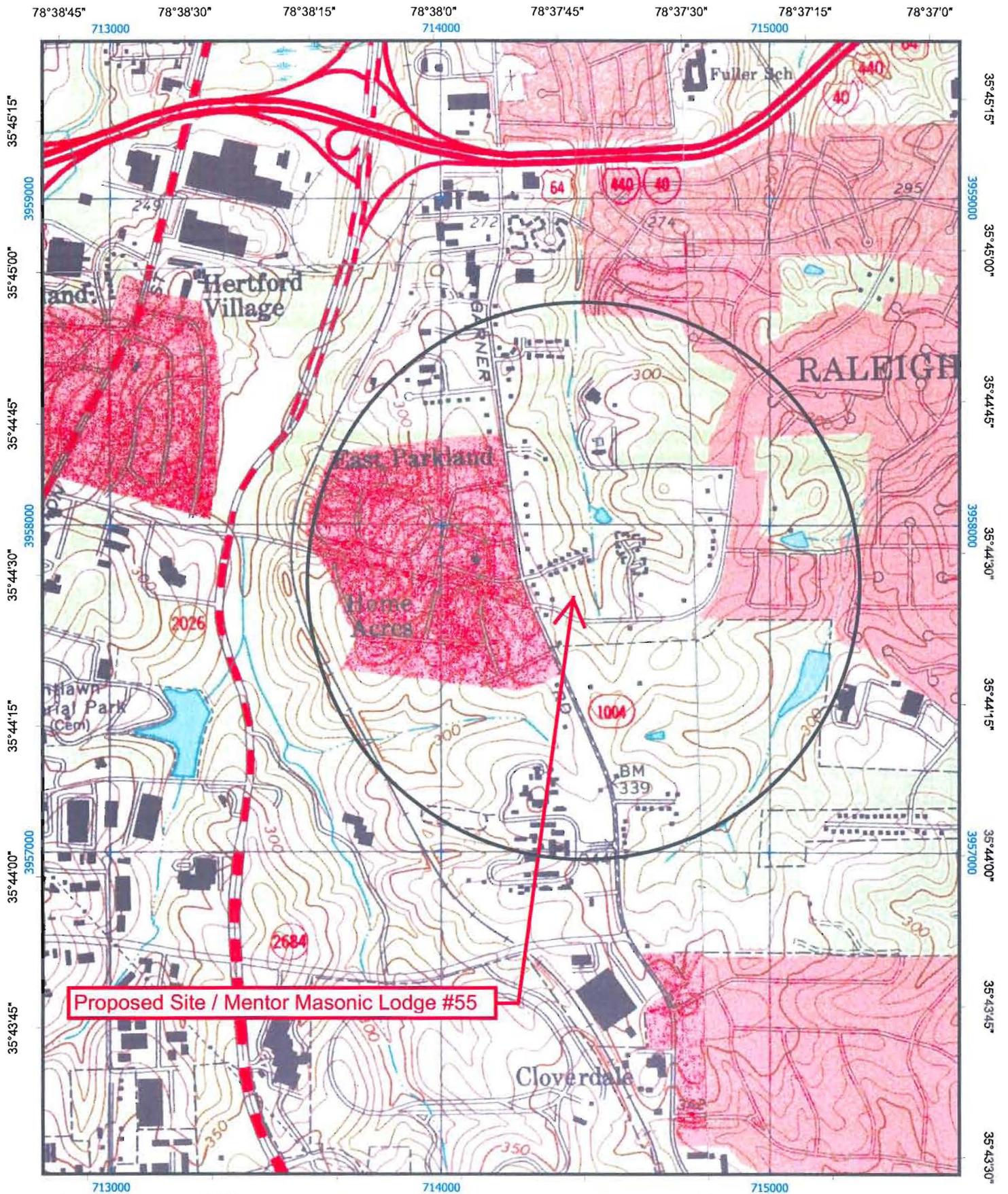
### Zoning Districts

AF
CM
RR
R-2
R-4
SPR-6
R-6
MH
R-10
R-15
R-20
SPR-30
R-30
RB
O&I-1
O&I-2
O&I-3
BC
SC
NB
BU-S
TD
IND-1
IND-2

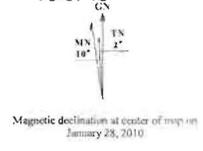
### Overlay Districts

AOD
COO
HOD
MPOC
NCOO
POC
RD
SHOD-1
SHOD-2
SHOD-3
SHOD-4
VFOD





Universal Transverse Mercator (UTM) Projection Zone 17  
 North American Datum of 1983 (NAD83)  
 UTM Grid shown in Blue





**American Towers, Inc.  
Proposed Cross Link Road Telecommunications Tower Facility**

**PHOTOGRAPHS**



**View East from Tower Site.**



**View West from Tower Site**

**American Towers, Inc.  
Proposed Cross Link Road Telecommunications Tower Facility**

**PHOTOGRAPHS**



**View North from Tower Site**



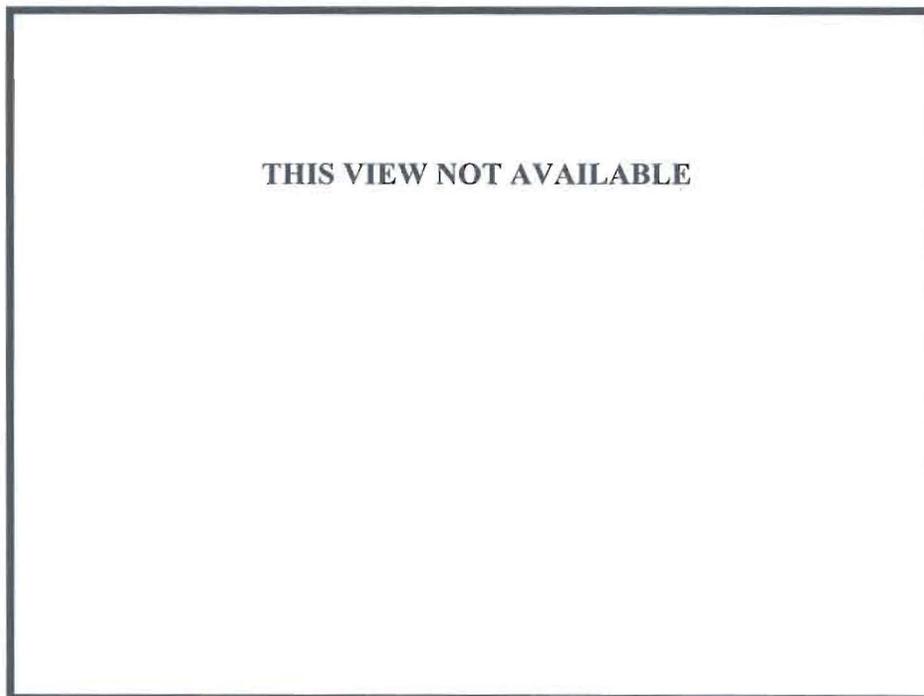
**View South from Tower Site**

**American Towers, Inc.  
Proposed Cross Link Road Telecommunications Tower Facility**

**PHOTOGRAPHS**



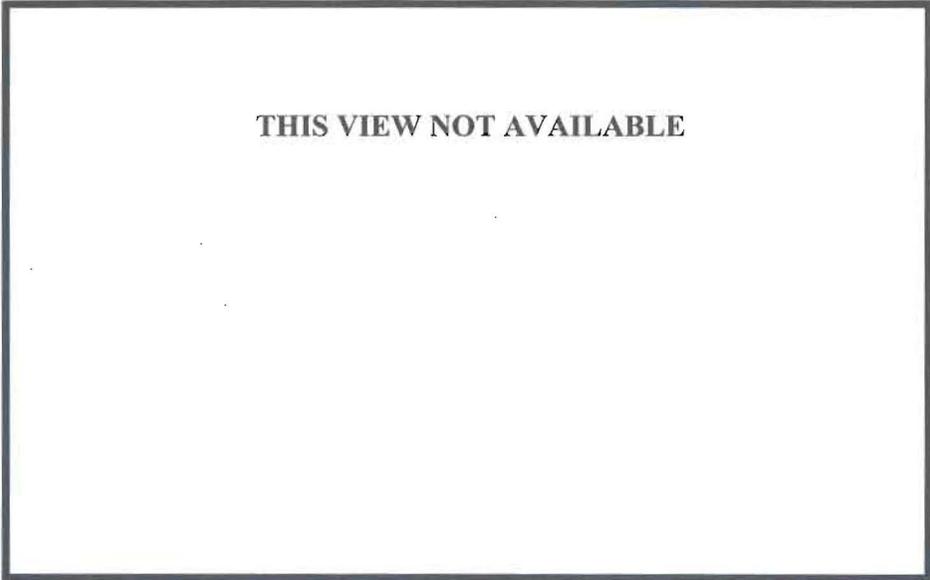
**View North to Tower Site**



**View South to Tower Site**

**American Towers, Inc.  
Proposed Cross Link Road Telecommunications Tower Facility**

**PHOTOGRAPHS**



**View East to Tower Site**



**View West to Tower Site**

**American Towers, Inc.  
Proposed Cross Link Road Telecommunications Tower Facility**

**PHOTOGRAPHS**



**View of Ingress to Tower Site**



**View of Egress from Tower Site**

**American Towers, Inc.  
Proposed Cross Link Road Telecommunications Tower Facility**

**PHOTOGRAPHS**



**Street View Looking East**



**Street View Looking West**