

**A RESOLUTION APPROVING THE MINOR MODIFICATION TO THE CUP FOR  
THE CROWN CASTLE TELECOMMUNICATION TOWER LOCATED AT 200  
REDFOOT DRIVE ALLOWING ALLTEL COMMUNICATIONS TO LOCATE AN  
ANTENNA ON THE TOWER AND TO INSTALL EQUIPMENT WITHIN AN  
EXISTING BUILDING AT THE BASE OF THE TOWER**

**Resolution No. 137/2008-09**

WHEREAS, the Carrboro Board of Aldermen approved a Conditional Use Permit for a telecommunications tower at 200 Redfoot Drive on June 25<sup>th</sup>, 1996; and

WHEREAS, the Town of Carrboro Land Use Ordinance requires that additional users on a tower shall constitute a minor modification to the original Conditional Use Permit; and

WHEREAS, the Board of Aldermen finds that the applicant has satisfied the requirements related to minor modifications for towers contained in the Land Use Ordinance.

NOW, THEREFORE BE IT RESOLVED by the Carrboro Board of Aldermen that the minor modification to the Crown Castle conditional use permit located at 200 Redfoot Drive allowing Alltel Communications to install an antenna on the tower and to install equipment within an existing building at the base of the tower.



8921 RESEARCH DRIVE  
CHARLOTTE, NC 28262

## NW CHAPEL HILL SITE ADDRESS

200 REDFOOT RUN ROAD  
CHAPEL HILL, NC 27516  
LATITUDE: 35° 56' 54.7" N  
LONGITUDE: 79° 05' 29.3" W



VICINITY MAP

FROM RALEIGH START OUT GOING NORTH ON JUNCTION BLVD TOWARD TRYON RD FOR 0.1 MILES; TURN LEFT ONTO TRYON RD FOR 3.0 MILES; TURN RIGHT ONTO GORMAN ST FOR 0.3 MILES; MERGE ONTO I-40 WEST FOR 22.4 MILES; MERGE ONTO NC-54 W VIA EXIT 273A TOWARD CHAPEL HILL FOR 3.1 MILES; STAY STRAIGHT TO GO ONTO RALEIGH ROAD/ NC-54 BR W. CONTINUE TO FOLLOW NC-54 BR W FOR 1.1 MILES; TURN RIGHT ONTO RALEIGH ST FOR 0.4 MILE; RALEIGH ST BECOMES HILLSBORO ST FOR 0.8 MILES; TURN RIGHT ONTO MARTIN LUTHER KING JR BLVD/ NC-88 FOR 1.7 MILES; TURN LEFT ONTO HOMESTEAD ROAD FOR 2.7 MILES; TURN RIGHT ONTO LAKE HOGAN FARM ROAD FOR 0.3 MILE; TURN RIGHT ONTO HOGAN WOODS CIRCLE FOR 0.3 MILES; TURN RIGHT ONTO REDFOOT RUN ROAD; TURN RIGHT ON EXISTING GRAVEL ACCESS ROAD ON RIGHT TO SITE.

### DRIVING DIRECTIONS

**MUNICIPALITY:**  
CARRBORO

**STATE:**  
NORTH CAROLINA

**TOWER TYPE:**  
SELF SUPPORT

**TOWER HEIGHT:**  
220'

**NUMBER OF CARRIERS:**  
4 EXISTING, 1 PROPOSED

**USE:**  
EXISTING TELECOMMUNICATIONS TOWER.  
NEW ANTENNA INSTALLATION PROPOSED

**CONSULTANT**  
KIMLEY-HORN AND ASSOCIATES, INC.  
3001 WESTON PARKWAY  
CARY, NORTH CAROLINA 27513  
PHONE: (919) 678-4125  
ATTN.: JENNY ADAMS

### PROJECT SUMMARY

**DEVELOPER**  
VERIZON WIRELESS  
8921 RESEARCH DRIVE  
CHARLOTTE, NC 28262  
PHONE: (704) 510-8717  
ATTN: ROCKY CANADY

**POWER COMPANY**  
DUKE ENERGY  
PHONE: (800) 777-9898  
ATTN: CUSTOMER SERVICE

**TELEPHONE COMPANY**  
BELLSOUTH  
PHONE: (800) 331-0500  
ATTN: CUSTOMER SERVICE

**TOWER OWNER**  
CROWN CASTLE USA, INC  
9150 MONROE RD.  
CHARLOTTE, NC 28278  
PHONE: (704) 321-3819  
ATTN.: DEBBIE SMITH

### CONTACTS

SHEET	DESCRIPTION	REV.
T1	COVER SHEET	0
C1	OVERALL SITE PLAN	0
C2	COMPOUND LAYOUT	0
C3	WAVEGUIDE BRIDGE DETAILS	0
C4	COAX AND TOWER ELEVATION DETAILS	0
E1	GROUNDING PLAN	0
E2	GROUNDING DETAILS	0
SHEET INDEX		

**TOWN OF CARRBORO ZONING DEPARTMENT**  
301 W. MAIN ST. (3RD FLOOR TOWN HALL)  
CARRBORO, NC 27510  
PHONE: (919) 918-7335  
ATTN.: JAMES THOMAS

### PERMIT INFORMATION



#### PROJECT INFORMATION:

**VERIZON NAME:** NW CHAPEL HILL  
**VERIZON No.:** TBD  
**CROWN CASTLE SITE NO.:** 814328  
**200 REDFOOT RUN ROAD**  
CHAPEL HILL, NC 27516

#### CURRENT ISSUE DATE:

4/24/09

#### ISSUED FOR:

CONSTRUCTION

#### REV. DATE ISSUED FOR BY

#### CONSULTANT

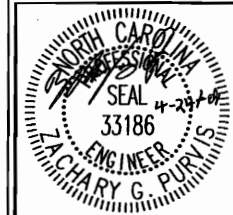
Kimley-Horn  
and Associates, Inc.  
Post Office Box 33068  
Raleigh, North Carolina 27636

#### CONSULTANT

#### DRAWN BY: CHK. BY: APV. BY:

JKM KRM ZGP

#### LICENSER:



#### SHEET TITLE:

COVER SHEET

#### SHEET NUMBER REVISION

T1

0

011348293

## SITE PLAN NOTES

1. SITE DATA BASED ON INFORMATION PROVIDED BY TOWER OWNER AND ORANGE COUNTY GIS.
2. THE PARENT TRACT IS OWNED BY CROWN CASTLE GT COMPANY, LLC (D.B.: 2245 PG.: 239).
3. THE EXISTING TOWER SITE LIES WITHIN FLOOD ZONE "X" WHICH IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE (REFERENCE FEMA FIRM FOR ORANGE COUNTY, NC MAP NUMBER 3710987000J DATED FEBRUARY 2, 2007).

EXISTING 220 SELF-SUPPORT TOWER  
LATITUDE: 35° 56' 54.7" N  
LONGITUDE: 79° 05' 29.3" W

DUKE POWER CO.  
RIGHT OF WAY  
D.B. 545 PG. 358

EXISTING ACCESS EASEMENT  
D.B. 1534 PG. 377

EXISTING GRAVEL  
ACCESS ROAD

EXISTING FENCED COMPOUND  
(SEE COMPOUND LAYOUT ON  
SHEET C2)

PROPOSED LESSEE WAVEGUIDE  
(SEE SHEET C2 FOR COMPOUND  
LAYOUT)

PIN # 9870305667  
UNIVERSITY OF NC  
D.B. 218 PG. 806

EXISTING 30' OWASA EASEMENT  
D.B. 1534 PG. 383

PIN # 9870205096  
CROWN CASTLE GT COMPANY, LLC  
D.B. 2245 PG. 239  
PLAT BOOK 77 PAGE 50

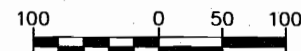
PIN # 9779297157  
ANNIE P. COLLIER  
89° ESTATE 270

PIN # 9779397553  
BRYAN R. YATES  
AND  
HELEN YATES  
D.B. 273 PG. 292

## OVERALL SITE PLAN

NOT FOR RECORDATION, SALES OR CONVEYANCES

GRAPHIC SCALE



1 Inch = 100 Feet



PROJECT INFORMATION:

VERIZON NAME: NW CHAPEL  
HILL  
VERIZON No.: TBD  
CROWN CASTLE SITE NO.:  
814328  
200 REDFOOT RUN ROAD  
CHAPEL HILL, NC 27516

CURRENT ISSUE DATE:

4/24/09

ISSUED FOR:

CONSTRUCTION

REV.: DATE: ISSUED FOR: BY:

CONSULTANT:



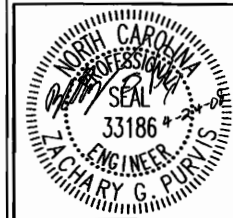
Kimley-Horn  
and Associates, Inc.  
Post Office Box 33088  
Raleigh, North Carolina 27636

CONSULTANT:

DRAWN BY: CHK.: APV.:

JIK KRM ZGP

LICENSER:



SHEET TITLE:

OVERALL SITE  
PLAN

SHEET NUMBER: REVISION:

C1

0

011348293

8-2

## GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE, LOCAL AND NATIONAL CODES, ORDINANCES AND OR REGULATIONS APPLICABLE TO THIS PROJECT.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE PROJECT MANAGER AND/OR ENGINEER AND BE RESOLVED BEFORE PROCEEDING WITH WORK. WHERE THERE IS A CONFLICT BETWEEN DRAWING AND VERIZON SPECIFICATIONS, THE VERIZON PROJECT ENGINEER SHOULD BE CONTACTED FOR CLARIFICATION.

3. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE PROJECT MANAGER AND/OR ENGINEER SO THAT PROPER REVISIONS MAY BE MADE. MODIFICATION OF DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE PROJECT MANAGER AND/OR ENGINEER.

4. CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH SITE CONDITIONS AS SHOWN ON THE ATTACHED SITE PLAN AND/OR SURVEY DRAWINGS.

5. WAVEGUIDE BRIDGE AND PRE-FAB SHELTER ARE SHOWN FOR REFERENCE ONLY. REFER TO SEPARATE PRE-ENGINEERED DRAWINGS (BY OTHERS) FOR SPECIFIC INFORMATION INCLUDING FOOTINGS AND WAVEGUIDE BRIDGE LOCATION.

6. ALL FINISHED GRADES SHALL SLOPE MINIMUM 1/4 IN./FT. AWAY FROM EQUIPMENT IN ALL DIRECTIONS. CONTRACTOR SHALL SLOPE SWALES AS REQUIRED ALONG EXISTING TERRAIN TO DRAIN AWAY FROM COMPOUND AND ACCESS DRIVE.

7. THE EXISTING TOWER AND TOWER FOUNDATIONS WERE DESIGNED BY OTHERS. TOWER INFORMATION PROVIDED ON THESE PLANS ARE PROVIDED FOR REFERENCE PURPOSES ONLY. NOTIFY ENGINEER OR PROJECT MANAGER OF ANY CONFLICTS OR DISCREPANCIES. CONTRACTOR TO OBTAIN COPY OF STRUCTURAL ANALYSIS FROM VERIZON PROJECT MANAGER TO CONFIRM COAX ROUTING AND ANTENNA MOUNT INFORMATION.

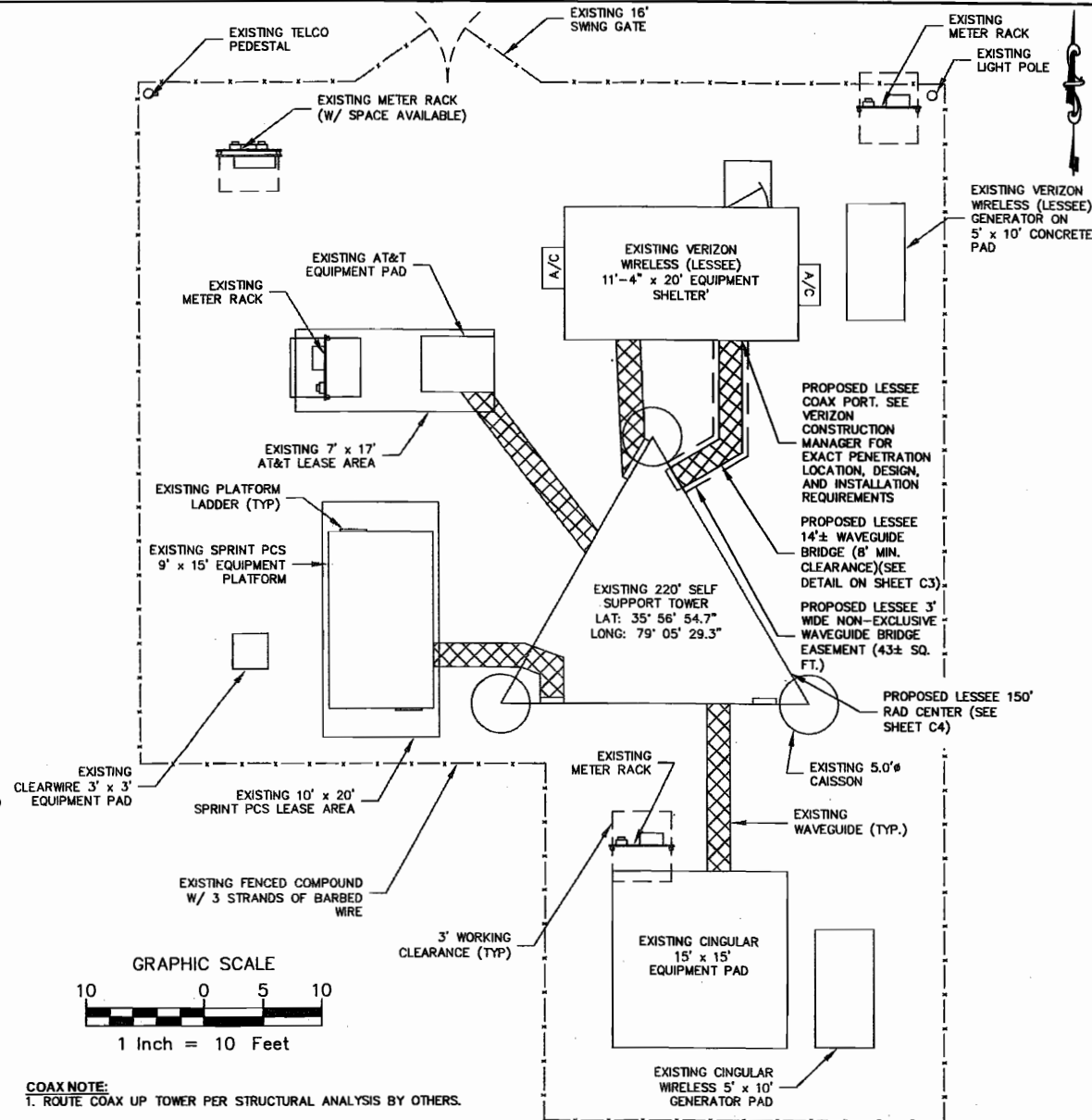
8. THE CONTRACTOR SHALL PROVIDE ADEQUATE EXCAVATION SLOPING, SHORING, BRACING, AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.

9. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE EXISTING ACCESS ROAD AND COMPOUND GRAVEL AREAS. ANY NEW FILL MATERIALS SHALL BE COMPACTED.

10. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND SHALL REQUEST A VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF THEIR UNDERGROUND UTILITIES AND WHERE THEY MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF IMPROVEMENTS AS SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT WILL BE REQUIRED TO NOTIFY "NC ONE CALL CENTER" 48 HOURS IN ADVANCE OF PERFORMING ANY WORK BY CALLING THE TOLL FREE NUMBER (800) 632-4949. ANY UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER.

11. CONTRACTOR SHALL TAKE EXTREME CAUTION WHEN CONSTRUCTING WAVEGUIDE FOOTINGS SO AS TO NOT DAMAGE THE EXISTING TOWER GROUNDING RING. IF THE EXISTING RING BECOMES DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF THE TOWER GROUNDING RING AS DEEMED APPROPRIATE BY VERIZON.

12. CONTRACTOR TO PROVIDE DUMPSTER AND PORTABLE TOILET FACILITY DURING CONSTRUCTION.



COMPOUND LAYOUT



PROJECT INFORMATION:

VERIZON NAME: NW CHAPEL HILL  
VERIZON No.: TBD  
CROWN CASTLE SITE NO.: 814328  
200 REDFOOT RUN ROAD  
CHAPEL HILL, NC 27516

CURRENT ISSUE DATE:

4/24/09

ISSUED FOR:

CONSTRUCTION

REV.: DATE: ISSUED FOR: BY:

CONSULTANT:



CONSULTANT:

DRAWN BY: CHK.: APV.:  
JKM KRM ZGP

LICENSER:



SHEET TITLE:

COMPOUND LAYOUT

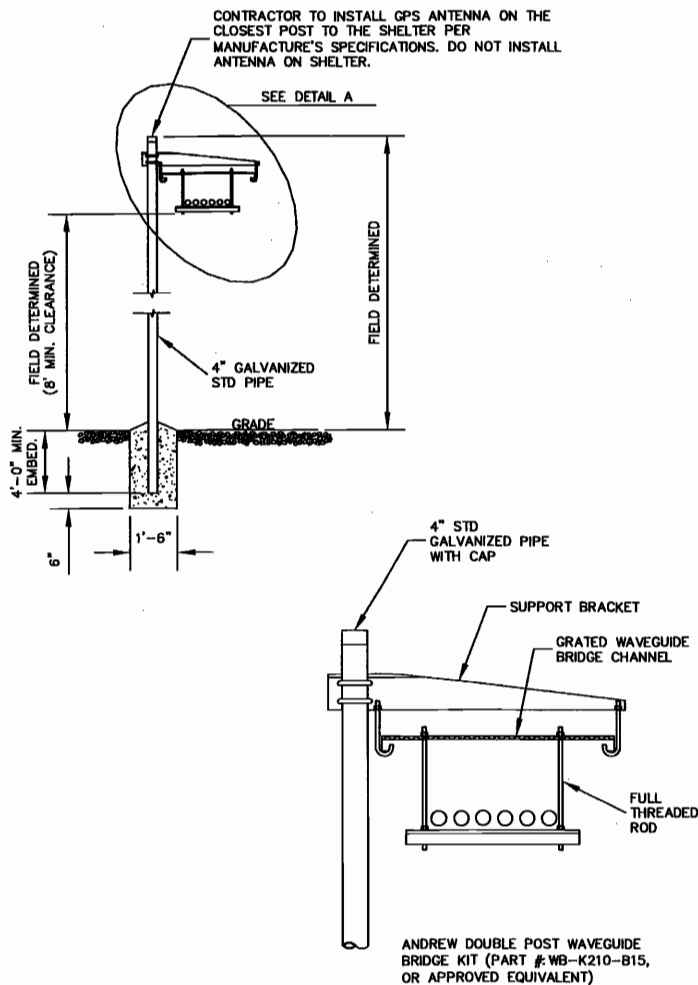
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C2

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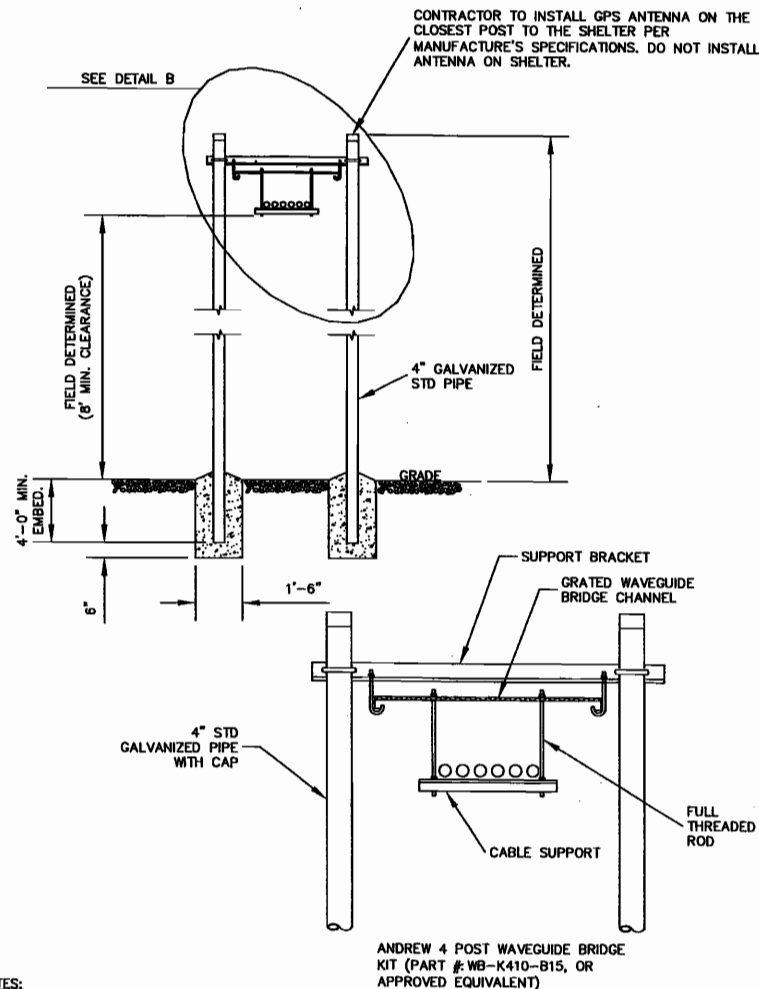
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#### NOTES:

1. ALL MATERIALS FURNISHED BY CONTRACTOR UNLESS OTHERWISE NOTED.
2. REFER TO GENERAL NOTES ON SHEET C2.

1 WAVEGUIDE BRIDGE DETAIL  
C4 NOT TO SCALE



#### NOTES:

1. ALL MATERIALS FURNISHED BY CONTRACTOR UNLESS OTHERWISE NOTED.
2. REFER TO GENERAL NOTES ON SHEET C2.

2 WAVEGUIDE BRIDGE DETAIL  
C4 (ALTERNATIVE DESIGN WITH 2 PIPE COLUMNS) NOT TO SCALE



#### PROJECT INFORMATION:

VERIZON NAME: NW CHAPEL HILL  
VERIZON No.: TBD  
CROWN CASTLE SITE NO.: 814328  
200 REDFOOT RUN ROAD  
CHAPEL HILL, NC 27516

#### CURRENT ISSUE DATE:

4/24/09

#### ISSUED FOR:

CONSTRUCTION

#### REV. DATE ISSUED FOR: BY:

#### CONSULTANT:



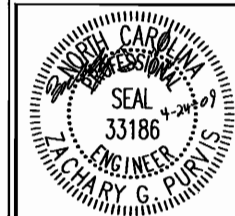
Kimley-Horn  
and Associates, Inc.  
Post Office Box 33068  
Raleigh, North Carolina 27636

#### CONSULTANT:

#### DRAWN BY: CHK.: APV.:

JMK KRM ZGP

#### LICENSER:



#### SHEET TITLE:

WAVEGUIDE  
BRIDGE  
DETAILS

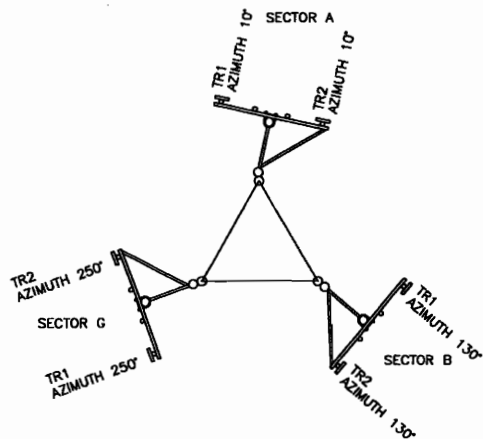
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C3

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B-4



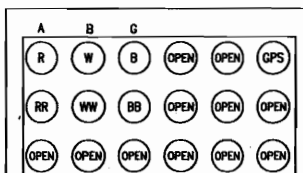
**1 ANTENNA ORIENTATION PLAN**  
(NOT TO SCALE)

(NOT TO SCALE, FOR ILLUSTRATIVE PURPOSES ONLY, SEE STRUCTURAL ANALYSIS BY OTHERS TO CONFIRM ANTENNA MOUNT TYPE)

ANTENNA SECTOR	AZIMUTH IN DEGREES	MECHANICAL DOWN TILT	ANTENNA* QTY./MAKE/MODEL	COMPOSITION CABLES		
				LENGTH	SIZE	QTY.
SECTOR A	10°	0°	2/ANTEL LPA-80063/6CF	180'±	1-5/8"	2
SECTOR B	130°	0°	2/ANTEL LPA-80063/6CF	180'±	1-5/8"	2
SECTOR G	250°	0°	2/ANTEL LPA-80063/6CF	180'±	1-5/8"	2

**COLOR CODE**

SECTOR A: TR1 - RED  
TR2 - RED & RED  
SECTOR B: TR1 - WHITE  
TR2 - WHITE & WHITE  
SECTOR G: TR1 - BLUE  
TR2 - BLUE & BLUE

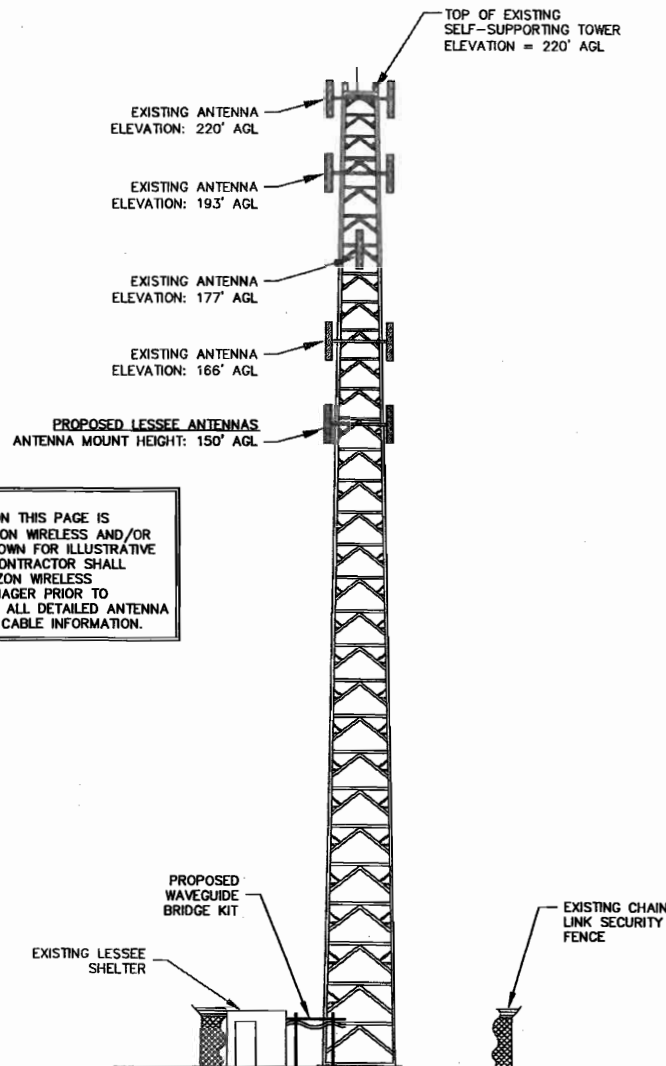


\* CONTRACTOR TO VERIFY WITH VERIZON PROJECT MANAGER PRIOR TO INSTALLATION.

**2 CABLE CONFIGURATION DETAIL**  
(VIEW FROM INSIDE SHELTER)

**NOTE:**  
ALL INFORMATION ON THIS PAGE IS PROVIDED BY VERIZON WIRELESS AND/OR OTHERS AND IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL CONTACT THE VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION FOR ALL DETAILED ANTENNA MOUNT, AND COAX CABLE INFORMATION.

**SELF-SUPPORTING TOWER ELEVATION**



**WEST ELEVATION**  
(LOOKING EAST, NOT TO SCALE)



PROJECT INFORMATION:  
VERIZON NAME: NW CHAPEL HILL  
VERIZON No.: TBD  
CROWN CASTLE SITE NO.: 814328  
200 REDFOOT RUN ROAD  
CHAPEL HILL, NC 27516

CURRENT ISSUE DATE:  
4/24/09

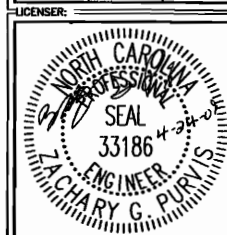
ISSUED FOR:  
CONSTRUCTION

REV. DATE: ISSUED FOR: BY:

CONSULTANT:  
Kimley-Horn  
and Associates, Inc.  
Post Office Box 33068  
Raleigh, North Carolina 27636

CONSULTANT:

DRAWN BY: CHK.: APV.:  
JIK KRM ZGP



SHEET TITLE:  
**COAX AND TOWER ELEVATION DETAILS**

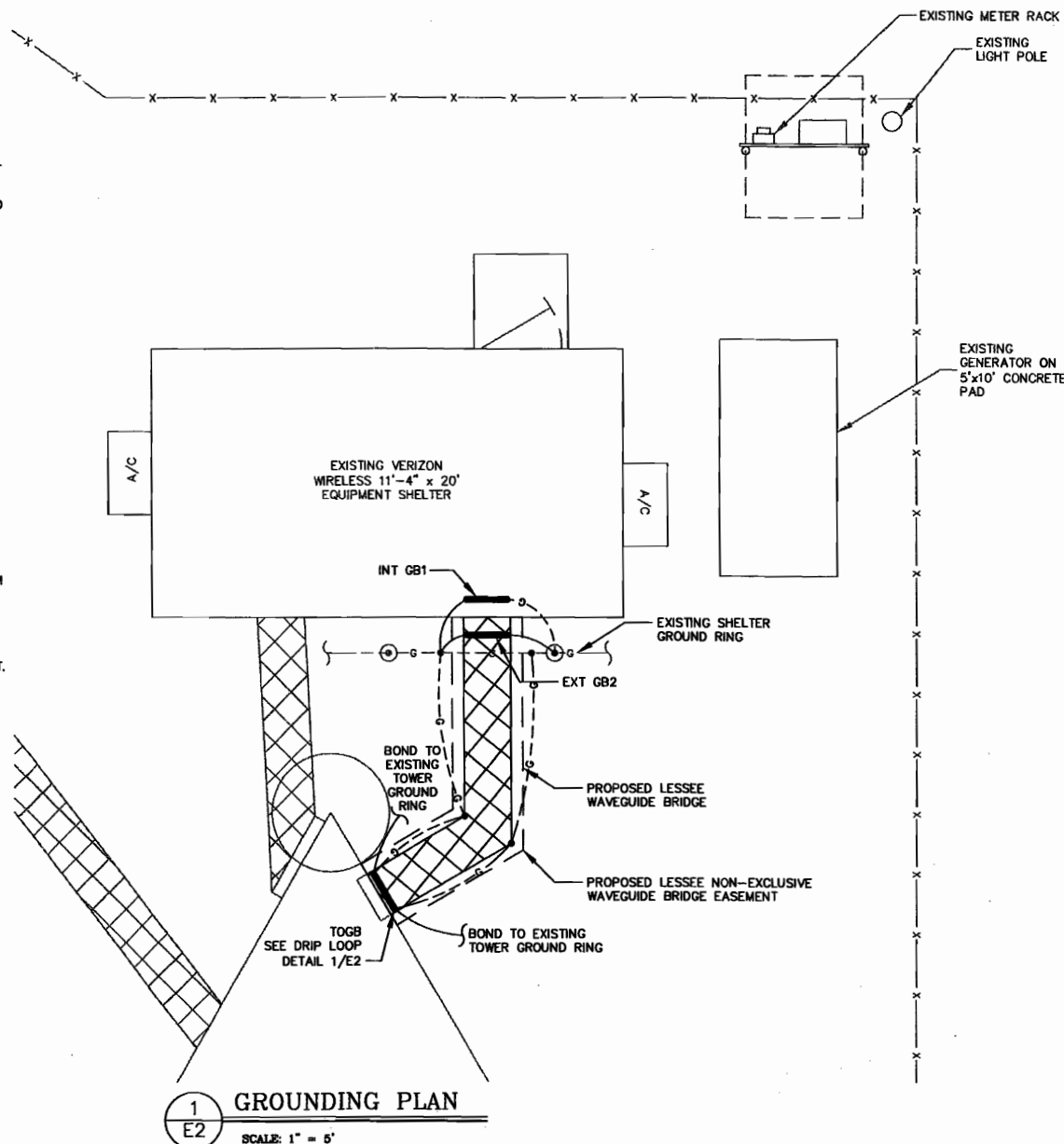
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**C4 0**  
01134R293

## NOTES AND SPECIFICATIONS:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH NEC, STATE, AND LOCAL CODES
2. CONTRACTOR SHALL OBTAIN OWNER/TENANT SPECIFICATIONS AND REVIEW FOR ADDITIONAL DETAILS AND REQUIREMENTS THAT MAY NOT BE SHOWN IN THESE DRAWINGS. CONTRACTOR SHALL COMPLY WITH ANY ADDITIONAL OWNER/TENANT SPECIFICATIONS AND REQUIREMENTS.
3. THE GROUND RING SHALL CONSIST OF 2 AWG TINNED SOLID BARE COPPER CONDUCTOR, UNLESS NOTED OTHERWISE, BURIED AT 30" BELOW FINISHED GRADE (OR BELOW FROSTLINE). ALL CONNECTIONS SHALL BE MADE USING AN EXOTHERMIC WELD, UNLESS NOTED OTHERWISE.
4. GROUND CONDUCTOR BEND RADIUS SHALL NOT BE LESS THAN 8".
5. MINIMUM SPACING BETWEEN GROUND RODS SHALL NOT BE LESS THAN 10', UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL BOND THE TOWER GROUND BAR (TOGB) TO THE GROUND RING USING A 2 AWG TINNED SOLID BARE COPPER CONDUCTOR AND AN EXOTHERMIC WELD.
7. CONTRACTOR SHALL BOND THE INTERNAL & EXTERNAL GROUND BARS (GB1 & GB2) TO THE GROUND RING USING 2 AWG TINNED SOLID BARE COPPER CONDUCTORS AND EXOTHERMIC WELDS.
8. ALL GROUNDING/BONDING CONDUCTORS LOCATED ABOVE FINISHED GRADE SHALL BE RUN IN 1" PVC CONDUIT.
9. CONTRACTOR SHALL NOTIFY THE OWNER/TENANT CONSTRUCTION MANAGER TO ALLOW THE OWNER/TENANT CONSTRUCTION MANAGER TO INSPECT THE GROUNDING SYSTEM PRIOR TO BACKFILLING.
10. CONTRACTOR SHALL HIRE AN INDEPENDENT 3RD PARTY (OTHER THAN THE GROUND SYSTEM INSTALLER) TO PERFORM AN IEEE 81 "FALL OF POTENTIAL" METHOD GROUND TEST. A VERIZON REPRESENTATIVE WILL BE PRESENT DURING THE TEST. CONTRACTOR SHALL SUBMIT A GROUND TEST DURING THE WALKTHROUGH.
11. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE LANDSCAPING AREA.

### LEGEND:

- G — GROUND ROD EXOTHERMICALLY WELDED TO GROUND RING (SEE DETAIL 2/E2)
- G — GROUND RING
- EXOTHERMIC WELD
- GROUNDING BAR



PROJECT INFORMATION:  
**VERIZON NAME: NW CHAPEL HILL**  
**VERIZON No.: TBD**  
**CROWN CASILE SITE NO.: 814328**  
 200 REDFOOT RUN ROAD  
 CHAPEL HILL, NC 27516

CURRENT ISSUE DATE:  
**04/21/09**

ISSUED FOR:  
**CONSTRUCTION**

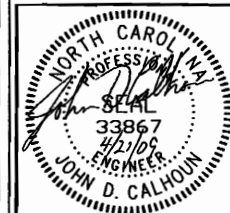
REV.	DATE	ISSUED FOR	BY
0	04/21/09	CONSTRUCTION	JDC

CONSULTANT:  
  
**Kimley-Horn and Associates, Inc.**  
 Post Office Box 33068  
 Raleigh, North Carolina 27636

CONSULTANT:  
  
**APOGEE** 7330 Chapel Hill Road  
 Suite 202  
 Consulting Group, PA Raleigh, N.C. 27607  
 (919) 858-7420 Fax (919) 858-7423  
 ACG PROJECT NO.: 200 242

DRAWN BY: CHK. APV.:  
 EAG JDC JDC

LICENSER:

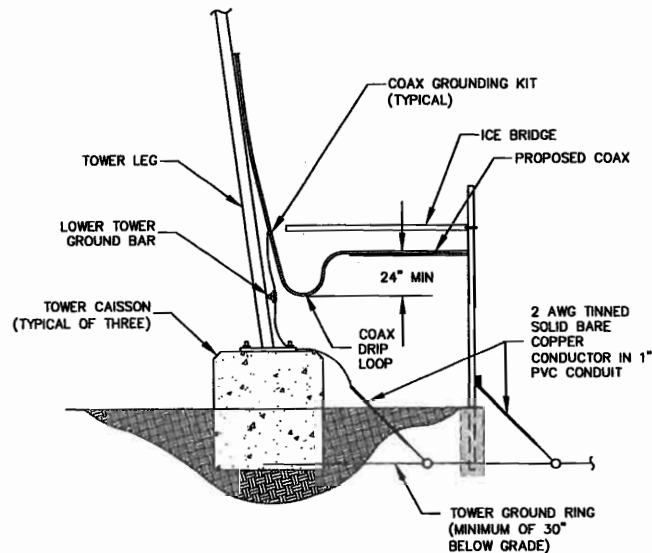


SHEET TITLE:  
**GROUNDING PLAN**

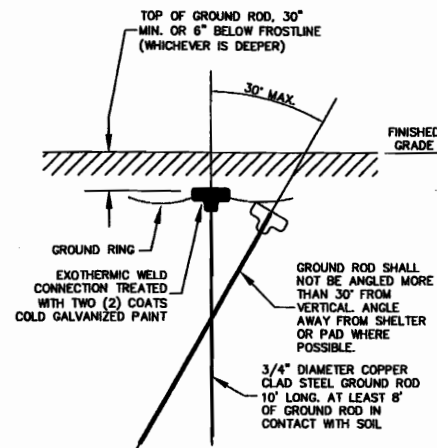
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**E1** **0**  
 011348293

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1 DRIP LOOP DETAIL  
E2 NOT TO SCALE



2 GROUND ROD DETAIL  
E2 NOT TO SCALE



PROJECT INFORMATION:  
VERIZON NAME: NW CHAPEL HILL  
VERIZON No.: TBD  
CROWN CASTLE SITE NO.: 814328  
200 REDFOOT RUN ROAD  
CHAPEL HILL, NC 27516

CURRENT ISSUE DATE:  
04/21/09

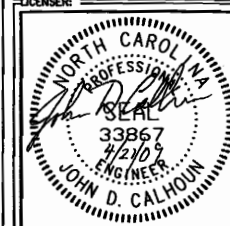
ISSUED FOR:  
CONSTRUCTION

REV.	DATE	ISSUED FOR	BY
0	04/21/09	CONSTRUCTION	JDC

CONSULTANT:  
  
Kimley-Horn  
and Associates, Inc.  
Post Office Box 33068  
Raleigh, North Carolina 27636

CONSULTANT:  
  
APOGEE  
7330 Chapel Hill Road  
Suite 202  
Raleigh, N.C. 27607  
(919) 858-7420 Fax (919) 858-7423  
ACG PROJECT NO.: 200 242

DRAWN BY: CHK: APV:  
EAG JDC JDC



SHEET TITLE:  
GROUNDING DETAILS

SHEET NUMBER: E2  
REVISION: 0  
011348293

B-7



Alltel Communications, LLC

One Allied Drive  
Building 2, 5<sup>th</sup> Floor  
Little Rock, AR 72202  
P. O. Box 2177, 72203-2177  
501-905-8000  
501-905-8556 fax



To: Town of Carrboro  
301 W. Main Street  
Carrboro, NC 27510

Re: NW Chapel Hill Interference Compliance

Dear Sir or Madam.

This letter is to officially state that ALLTEL's future antenna system located at 200 Redfoot Road, Chapel Hill, NC should not interfere with any other type of communications equipment in the area (i.e. radios, televisions and satellites). ALLTEL is mandated by FCC rules in part 47 CFR section 22.353 to resolve any blanket interference cases in accordance with the rules in the section.

ALLTEL agrees to investigate any complaints pursuant to the activation of our site. All complaints need to be addresses to the local Network Manager at (919) 662-1482.

Sincerely,

A handwritten signature in black ink, appearing to read 'Christ Atsidis', written over a dashed horizontal line.

Christ Atsidis  
RF Engineer  
Alltel Communications, Inc.

## TOWN OF CARRBORO

## LAND USE PERMIT APPLICATION



DATE: 12/18/08

FEE: \$ 250.00

APPLICANT: AltTel Communications (Agent - Jenny Adams)		OWNER: Crown Castle USA - tower owner	
ADDRESS 3001 Weston Parkway		ADDRESS: 9105 Monroe Rd, Suite 156	
CITY/STATE/ZIP Cary, NC 27513		CITY/STATE/ZIP Charlotte, NC 28270	
TELEPHONE/FAX: PHONE: 919-678-4125 FAX: 919-677-2050		TELEPHONE/FAX: PHONE: 704-321-3850 FAX: N/A	
LEGAL RELATIONSHIP OF APPLICANT TO PROPERTY OWNER: Lessee to co-locate on owner's tower		TAX MAP(S), BLOCK(S), LOT(S): 9870205096	
PROPERTY ADDRESS: 200 Redfoot Run Rd, Chapel Hill		PROPOSED LAND USE & USE CLASSIFICATION: Co-location to Existing Tower	
PRESENT LAND USE & USE CLASSIFICATION: Commercial - Existing Cell Tower		LOT AREA: Total 4887 Square Feet 2.77 Acres Property	
ZONING DISTRICT(S) AND AREA WITHIN EXCH (including Overlay Districts): Commercial			
# OF BUILDINGS TO REMAIN 1 inside tower compound		# OF BUILDINGS PROPOSED 1 inside tower compound	
EXISTING GROSS FLOOR AREA OF BUILDING(S) 227 square feet	GROSS FLOOR AREA (of proposed BUILDING / proposed ADDITION) 120 square feet	GROSS AREA (of LAND DISTURBANCE) 0 square feet	

NAME OF PROJECT/DEVELOPMENT: AltTel - NW Chapel Hill

TYPE OF REQUEST	INFORMATION REQUESTED (Refer to Attached Key)
SUBDIV. FINAL PLAT / EXEMPT PLAT	1, 18, 19, 21, 23, 31, 33, 34, 37
CONDITIONAL USE PERMIT (CUP)	1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 34, 35, 36, 37
CUP MODIFICATION	SAME AS CONDITIONAL USE PERMIT (CUP)
SPECIAL USE PERMIT (SUP)	1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 34, 35, 36, 37
SUP MODIFICATION	SAME AS SPECIAL USE PERMIT (SUP)
ZONING PERMIT (Project)	1, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 32, 34, 35, 36, 37
ZONING PERMIT (Building) Residential Infill & Additions	9, 10, 22, 24, 34, 37 (also see "Building Permit Review - Residences Only" checklist)
SIGN PERMIT	1, 10, 13, 14, 17, 20, 37
VARIANCE	4, 5, 10, 20, 29, 34, 37 Attachment A
APPEAL	4, 5, 37, Attachment B
SPECIAL EXCEPTION	1, 4, 5, 8, 10, 20, 35, Attachment C

APPLICANT:

Jenny Adams (Agent)

DATE: 12/18/08

OWNER:

DATE: