

A RESOLUTION APPROVING THE MINOR MODIFICATION TO THE CUP FOR THE CROWN CASTLE TELECOMMUNICATION TOWER LOCATED AT 625 OLD FAYETTEVILLE ROAD ALLOWING VERIZON WIRELESS TO ADD THREE (3) ADDITIONAL ANTENNAS TO THE EXISTING ARRAY AT THE HEIGHT OF 144 FEET. IN ADDITION, THE APPLICANT WILL BE REMOVING AN EXISTING PRE-FABRICATED SHELTER (10' BY 12') AT THE BASE OF THE TOWER AND REPLACING IT WITH LARGER UNIT THAT WILL 11'5" BY 16'

Draft Resolution No. 81/2010-11

WHEREAS, the Carrboro Board of Aldermen approved a Conditional Use Permit for a telecommunications tower at 625 Old Fayetteville Road on February 9, 1999; 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 Telecommunication Tower located at 625 Old Fayetteville Road allowing Verizon Wireless Road to add three (3) additional antennas to the existing array at the height of 144 feet. In addition, the applicant will be removing an existing pre-fabricated shelter (10' by 12') at the base of the tower and replacing it with larger unit that will be 11'5" by 16'.



8921 RESEARCH DRIVE
 CHARLOTTE, NC 28262
PLANTATION ACRES
SITE ADDRESS
 625 OLD FAYETTEVILLE ROAD
 CHAPEL HILL, NC 27514
 ORANGE COUNTY
 LATITUDE: 35° 55' 4.1" N
 LONGITUDE: 79° 5' 57.3" W



VICINITY MAP

- FROM CHARLOTTE OFFICE:**
1. HEAD SOUTHWEST ON RESEARCH DR 0.4 MI
 2. SLIGHT LEFT TO STAY ON RESEARCH DR 263 FT
 3. TURN LEFT AT W WY HARRIS BLVD 0.4 MI
 4. TURN LEFT TO MERGE ONTO I-85 N 75.2 MI
 5. SLIGHT RIGHT AT I-85 BUS N (SIGNS FOR I-29 WI-70 EI-40 BUS/GREENSBORO) 12.0 MI
 6. CONTINUE ONTO I-40 EI-85 N 15.8 MI
 7. TAKE EXIT 148 FOR N CAROLINA 54 TOWARD CHAPEL HILL/GARSBORO 0.3 MI
 8. TURN RIGHT AT N CAROLINA 54 EYE HARDEN ST CONTINUE TO FOLLOW N CAROLINA 54 E 20.4 MI
 9. SLIGHT RIGHT AT OLD FAYETTEVILLE RD DESTINATION WILL BE ON THE RIGHT 410 FT

DRIVING DIRECTIONS

MUNICIPALITY:
TOWN OF CARBORO

STATE:
NORTH CAROLINA

TOWER TYPE:
MONOPOLE

TOWER HEIGHT:
176'

NUMBER OF CARRIERS:
8 EXISTING (1 REPLACEMENT)

USE:
EXISTING TELECOMMUNICATIONS TOWER AND UNMANNED EQUIPMENT

CONSULTANT
 KIMLEY-HORN AND ASSOCIATES, INC.
 3169 HOLCOMB BRIDGE ROAD SUITE 600
 NORCROSS, GA 30071-1367
 PHONE: (678) 533-3928
 ATTN.: KEITH MARKLAND

PROJECT SUMMARY

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

POWER COMPANY
 PIEDMONT EMC
 PHONE: 800-222-3107
 ATTN.: CUSTOMER SERVICE

TELEPHONE COMPANY
 BELLSOUTH
 PHONE: 800-331-0500
 ATTN.: CUSTOMER SERVICE

TOWER OWNER
 CROWN CASTLE USA, INC
 3530 TORINGDON WAY
 CHARLOTTE, NC 28277
 PHONE: 877-486-9377
 ATTN.: CUSTOMER SERVICE

CONTACTS

SHEET INDEX		
SHEET	DESCRIPTION	REV.
T1	COVER SHEET	0
C1	SITE PLAN	0
C2	FOUNDATION & SHELTER TIE DOWN DETAILS	0
C3	SHELTER ELEVATIONS	0
C4	WAVEGUIDE BRIDGE DETAILS	0
C5	ANTENNA AND TOWER ELEVATION DETAILS	0
E1	BASIC SERVICE ROUTING PLAN	0
E2	GROUNDING PLAN	0
E3	SINGLE-LINE DIAGRAM	0
E4	ELECTRICAL DETAILS	0
E5	H-FRAME DETAIL	0

TOWN OF CARBORO ZONING & INSPECTIONS
 304 W. MAIN ST, 3RD FLR
 CARBORO, NC 27510
 PHONE: (919) 918-7336
 ATTN.: INSPECTIONS

PERMIT INFORMATION

verizon wireless

8921 RESEARCH DRIVE
 CHARLOTTE, NORTH CAROLINA 28262

PROJECT INFORMATION:

VERIZON NAME: PLANTATION ACRES
 VERIZON No.: 71
 OWNER NAME: CARBORO PAGING TOWER
 OWNER No.: 811511
 625 OLD FAYETTEVILLE ROAD
 CHAPEL HILL, NC 27514

CURRENT ISSUE DATE:

09/28/10

ISSUED FOR:

CONSTRUCTION

REV. DATE ISSUED FOR BY:

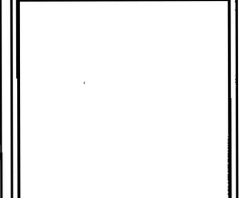
REV.	DATE	ISSUED FOR	BY

CONSULTANT:



Kimley-Horn
 and Associates, Inc.
 NC License F-0162
 3169 Holcomb Bridge Rd Ste 600
 Norcross, GA 30071

CONSULTANT:



DRAWN BY: CHK. APV.:

KWH KRM LHF

LICENSER:



SHEET TITLE:

COVER SHEET

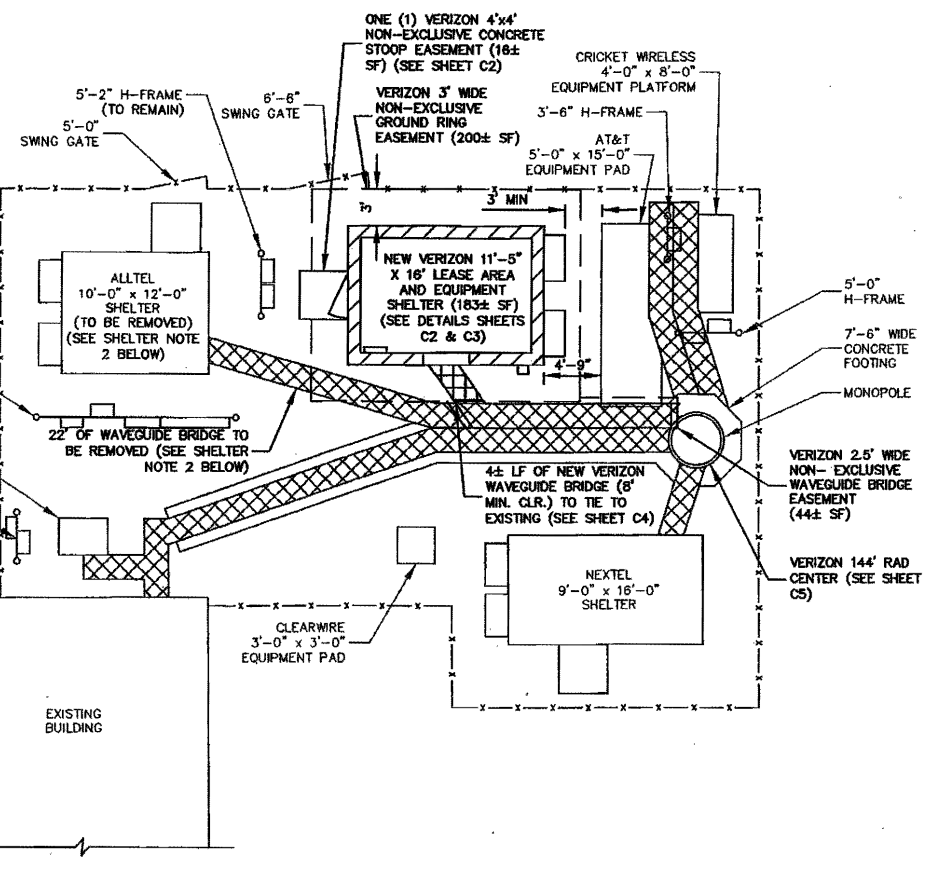
SHEET NUMBER: REVISION:

T1

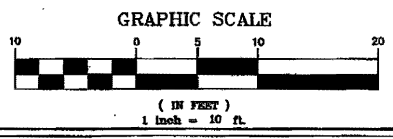
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1 SITE PLAN
C1 SCALE: 1" = 10'



GENERAL NOTES

- 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.
- 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.
- 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.
- CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH SITE CONDITIONS AS SHOWN ON THE ATTACHED SITE PLAN AND/OR SURVEY DRAWINGS.
- 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.
- 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.
- 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, IF AVAILABLE, FROM VERIZON PROJECT MANAGER TO CONFIRM COAX ROUTING AND ANTENNA MOUNT INFORMATION.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE EXCAVATION SLOPING, SHORING, BRACING, AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
- 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.
- 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.
- 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.
- CONTRACTOR TO PROVIDE DUMPSTER AND PORTABLE TOILET FACILITY DURING CONSTRUCTION.

SURVEY NOTE:
 1. VERIZON WIRELESS STAFF SHALL COORDINATE WITH THE PROPERTY OWNER AND/OR TOWER OWNER TO OBTAIN THE PROPER EASEMENT AGREEMENTS TO CONSTRUCT AND MAINTAIN EQUIPMENT IN AND AROUND THE TOWER COMPOUND.
 2. PROPOSED COMPOUND LAYOUT BASED ON A SITE VISIT ON 07/22/09.

SHELTER NOTE:
 1. CONTRACTOR TO CONFIRM WITH VERIZON CONSTRUCTION MANAGER THAT THE SHELTER SHOWN ABOVE (TEXAS MARKET - BERTRAM - SALL16) HAS BEEN ORDERED/SCHEDULED FOR DELIVERY TO THIS SITE.
 2. EXISTING EQUIPMENT TO BE REMOVED AT A LATER DATE BY OTHERS.

COAX NOTE:
 1. ROUTE COAX UP TOWER PER STRUCTURAL ANALYSIS BY OTHERS.

verizon wireless
6801 BIRCHBARK DRIVE
 CHARLOTTE, NORTH CAROLINA 28268

PROJECT INFORMATION:	
VERIZON NAME: PLANTATION ACRES	VERIZON No.: 71
OWNER NAME: CARBORO PAGING TOWER	OWNER No.: 811511
825 OLD FAYETTEVILLE ROAD CHAPEL HILL, NC 27514	
CURRENT ISSUE DATE: 09/28/10	
ISSUED FOR: CONSTRUCTION	
REV. DATE:	ISSUED FOR: BY:
CONSULTANT:	
<p>Kimley-Horn and Associates, Inc. <small>NC License F-0102 3169 Holcomb Brg Rd Ste 600 Norcross, GA 30071</small></p>	
CONSULTANT:	
DRAWN BY: CHK. BY:	
KAH	KRM LHF
LICENSER:	
<p>09/28/2010</p>	
SHEET TITLE: SITE PLAN	
SHEET NUMBER: C1	REVISION: 0
01205799	

B-2

TOWN OF CARRBORO

LAND USE PERMIT APPLICATION



DATE: 12/22/10

FEE: \$ 250.00

APPLICANT: <u>Verizon Wireless</u>	OWNER: <u>Crown Castle USA, Inc.</u>
ADDRESS <u>8921 Research Drive</u>	ADDRESS: <u>3530 Toringdon Way</u>
CITY/STATE/ZIP <u>Charlotte, NC 28262</u>	CITY/STATE/ZIP <u>Charlotte, NC 28277</u>
TELEPHONE/FAX: PHONE: <u>704-510-8717</u> FAX: <u>N/A</u>	TELEPHONE/FAX: PHONE: <u>877-486-9377</u> FAX: <u>N/A</u>

LEGAL RELATIONSHIP OF APPLICANT TO PROPERTY OWNER: <u>LESSEE</u>	TAX MAP(S), BLOCK(S), LOT(S): <u>Pin # 9778085910</u>
PROPERTY ADDRESS: <u>625 Old Fayetteville Rd, Chapel Hill</u>	PROPOSED LAND USE & USE CLASSIFICATION: <u>No change proposed</u>
PRESENT LAND USE & USE CLASSIFICATION: <u>Existing unmanned telecommunications site</u>	LOT AREA: <u>11.46 Acres Parent Parcel 499,197^{1/2} Square Feet</u>
ZONING DISTRICT(S) AND AREA WITHIN EACH (including Overlay Districts): <u>WM3</u>	

# OF BUILDINGS TO REMAIN <u>1 within compound</u>	# OF BUILDINGS PROPOSED <u>1 within compound</u>
EXISTING GROSS FLOOR AREA OF BUILDING(S) <u>Compound = 2329.43 square feet</u>	GROSS FLOOR AREA (of proposed BUILDING / proposed ADDITION) <u>183 square feet</u>
	GROSS AREA (of LAND DISTURBANCE) <u>200 square feet</u>

NAME OF PROJECT/DEVELOPMENT: Verizon - Plantation Acres

TYPE OF REQUEST	**INFORMATION REQUESTED (Refer to Attached Key)
SUBDIV. FINAL PLAT / EXEMPT PLAT	1, 18, 19, 21, 23, 31, 33, 34, 38
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, 38
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, 38
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, 38
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, 38
VARIANCE	4, 5, 10, 20, 29, 34, 38, Attachment A
APPEAL	4, 5, 38, Attachment B
SPECIAL EXCEPTION	1, 4, 5, 8, 10, 20, 35, Attachment C

APPLICANT: [Signature]
 OWNER: Agent for Verizon & Crown Castle

DATE: 12/22/10
 DATE: _____