

# KRAMER RAYSON LLP

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KNOXVILLE, TENNESSEE 37901-0629

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JOHN E. WINTERS  
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SHANNON COLEMAN EGLE  
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BETSY J. BECK  
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J. MATTHEW BROTHERTON  
ADAM G. RUSSELL

SPECIAL COUNSEL  
GEORGE R. ARRANTS, JR.

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800 SOUTH GAY STREET  
KNOXVILLE, TENNESSEE 37929  
TELEPHONE 865 525-5134  
TELECOPIER 865 522-5723

105 DONNER DRIVE, SUITE A  
OAK RIDGE, TENNESSEE 37830  
TELEPHONE 865 220-5134  
TELECOPIER 865 220-5132

R.R. KRAMER (1888-1966)  
CARTER B. WALL (1915-1968)  
ANDREW JOHNSON (1918-1985)  
JACKSON C. KRAMER (1921-1993)  
R. ARNOLD KRAMER (1918-1993)

September 6, 2012

## VIA HAND-DELIVERY

Mr. Buz Johnson  
Metropolitan Planning Commission  
City-County Building, Suite 403  
400 Main Avenue  
Knoxville, TN 37902

Re: **U.S. Cellular Corporation**  
**Use-On-Review Application No. 8-H-12-UR**  
**Inskip – Site No. 223527**

Dear Mr. Johnson:

In accordance with our telephone conversation yesterday, this letter will confirm that U.S. Cellular Corporation ("U.S. Cellular") wishes to amend its pending Use-On-Review Application No. 8-H-12-UR, which is scheduled to be heard on Thursday, September 13, 2012. Such Use-On-Review Application requests approval of a cellular communications monopole at 5830 Haynes Sterchi Road, Knoxville, Tennessee 37912.

As you are aware, U.S. Cellular's initial filing for this site requested approval for a monopole 195 feet in height. U.S. Cellular is aware of neighborhood concerns about the height of the proposed structure and its visibility from surrounding properties. U.S. Cellular strives to address property owners' concerns, and therefore U.S. Cellular requested its engineers to review the specifications for this site. Upon such review, U.S. Cellular's engineers determined that by taking additional steps, including but not limited to replacing equipment on one of U.S. Cellular's adjacent towers and adjusting existing U.S. Cellular equipment on other adjacent towers, U.S. Cellular could meet its coverage needs by reducing the height of the proposed structure from 195 feet to 170 feet. Although these changes will require a significant increase in planned capital

Mr. Buz Johnson  
Metropolitan Planning Commission  
September 6, 2012  
Page 2

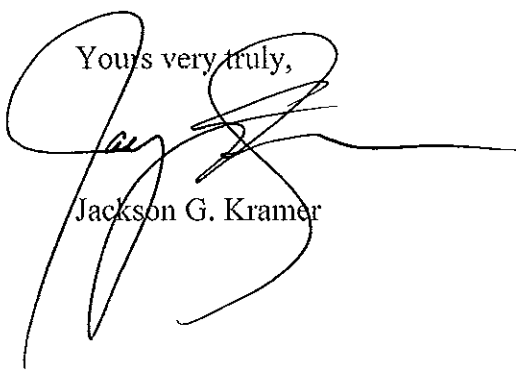
expenditures for this site, U.S. Cellular is pleased to respond to neighborhood concerns in this manner.

Accordingly, enclosed herewith please find five (5) sets of revised construction drawings reflecting the monopole's height at 170 feet. Each set includes a revised Title Sheet No. T1.00, Sheet C3.00, Sheet C3.10, Sheet C3.20, and Sheet C3.30.

Thank you for your assistance in this matter. Please do not hesitate to contact me if you have any questions.

With kind regards, I am

Yours very truly,



Jackson G. Kramer

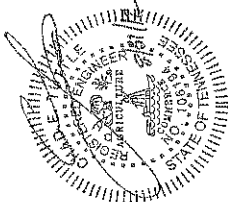
JGK/tsg

Enclosures

cc: Mr. John Locascio  
Mr. Charles Burton



**9731 COGDILL ROAD,  
SUITE 200  
KNOXVILLE, TN 37932  
(865) 777-7039**



**U.S. CELLULAR  
RAW LAND  
INSKIP  
223527**

**170' MONOPOLE  
TELECOMMUNICATIONS TOWER  
WITH MULTIPLE CARRIERS**

**REVISED  
9-6-2012  
8-H-12-UP**

**SITE NAME:**  
INSKIP

**SITE NUMBER:**  
223527

**SITE ADDRESS:**  
5830 HAYNES STERCHI RD  
KNOXVILLE, TN 37912

**SITE OWNER:**  
TRINITY CHAPEL, INC.  
5830 Haynes Sterchi Rd  
Knoxville, TN 37912

**APPLICANT:**  
U.S. CELLULAR CORPORATION  
9731 COGDILL ROAD, SUITE 200  
KNOXVILLE, TN 37932

**ZONING JURISDICTION:**  
CITY OF KNOXVILLE

**ZONING:**  
RP-1

**AREA OF LEASE:**  
0.230 ACRES

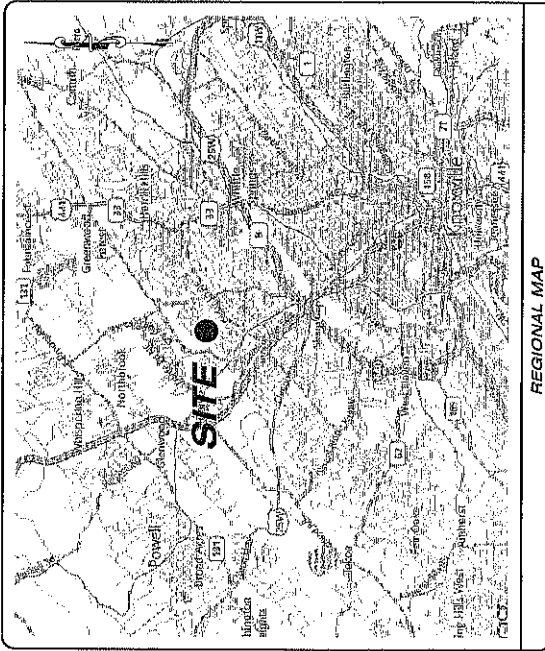
**10,000 SQ. FT.**

**PARCEL NUMBER(S):**  
057 12541

**SITE SUMMARY**

SHEET NO.	TITLE SHEET/SITE INFORMATION
CL00	GENERAL NOTES
CL10	SITE WORK NOTES
LOF 3	SITE SURVEY
2 OF 3	SITE SURVEY
3 OF 3	SITE SURVEY
CS00	MASTER SITE PLAN
CS01	ACCESS PLAN
CS10	SITE PLAN
CS20	ELEVATION AND PLATFORM DETAIL
CS30	GRADING PLAN
CD00	SITE WORK DETAILS
CA10	SITE WORK DETAILS
CA20	SITE WORK DETAILS
CA30	SITE WORK DETAILS
SI00	FOUNDATION DETAILS
EL00	UTILITIES SERVICE PLAN
EL10	UTILITIES PLAN
EL20	ELECTRIC SPECIFICATIONS
EL30	GROUNDING NOTES
EL40	GROUNDING NOTES
EL50	ELECTRICAL DETAILS
EL60	ELECTRICAL NOTES
EL70	ELECTRICAL DETAILS
LI00	LANDSCAPE PLAN & DETAILS

**SHEET INDEX**

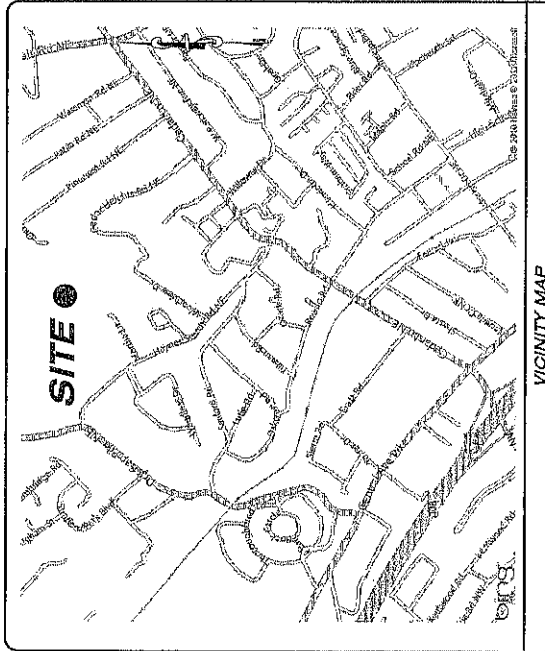


**REGIONAL MAP**

**DIRECTIONS TO SITE**

FROM PELLISSIPPI PARKWAY & I-40 IN WEST KNOXVILLE:  
TAKE I-40E TO I-75N, TAKE EXIT 108 (MERCHANTS DRIVE), TURN RIGHT ON  
MERCHANTS DR, FOLLOW 1 MILE TO LEFT ON PINECREST RD, FOLLOW 0.5 MILE TO  
LEFT ON OAKLETT RD TO GATE AT END OF ROAD, IMMEDIATELY TO THE RIGHT OF  
ENTRANCE FOR STERCHI ELEMENTARY SCHOOL.

**DIRECTIONS TO SITE**



**VICINITY MAP**

**CONSULTANTS**

**POINT TO POINT LAND SURVEYORS**  
810 JACKSON GROVE,  
GEORGIA 30248  
(P) 678.565.4440

**B&T ENGINEERING**  
1717 S. BOULDER, SUITE 300  
TULSA, OK 74119  
(P) 918.587.4630

**CONSULTANTS**



**SCALE: N.T.S.**

**TITLE SHEET INFORMATION**

**DESIGNER:** JAE

**DRAWN:** JAE

**CHECKED:** GJM

**DATE:** 3-6-12

**JOB NUMBER:** 223527-000



**CHAD TUTTLE**  
PROFESSIONAL ENGINEER  
REGISTRATION NO.: 223527

**U.S. CELLULAR  
INSKIP**

**SITE NUMBER:**  
223527

**SITE ADDRESS:**  
5830 HAYNES STERCHI RD,  
KNOXVILLE, TN 37912

**SHEET TITLE**  
**SITE**

**T11.00**



**WIRELESS VISION L.L.C.**  
Site Development Services

**SCALE: 1"=250'**  
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF WIRELESS VISION L.L.C.

**DATE:** 04-11-12  
**DRAWN BY:** JSE  
**CHECKED BY:** GAN

**PROJECT:** US CELLULAR LEASE PARCEL AREA  
**CLIENT:** WIRELESS VISION L.L.C.  
**LOCATION:** KNOX COUNTY, TN  
**OWNER:** TRINITY CHAPEL INC.

**B&T ENGINEERING**  
177 S. KANAWHA  
SUITE 200 TULSA, OK 74119  
PH: (918) 581-4000

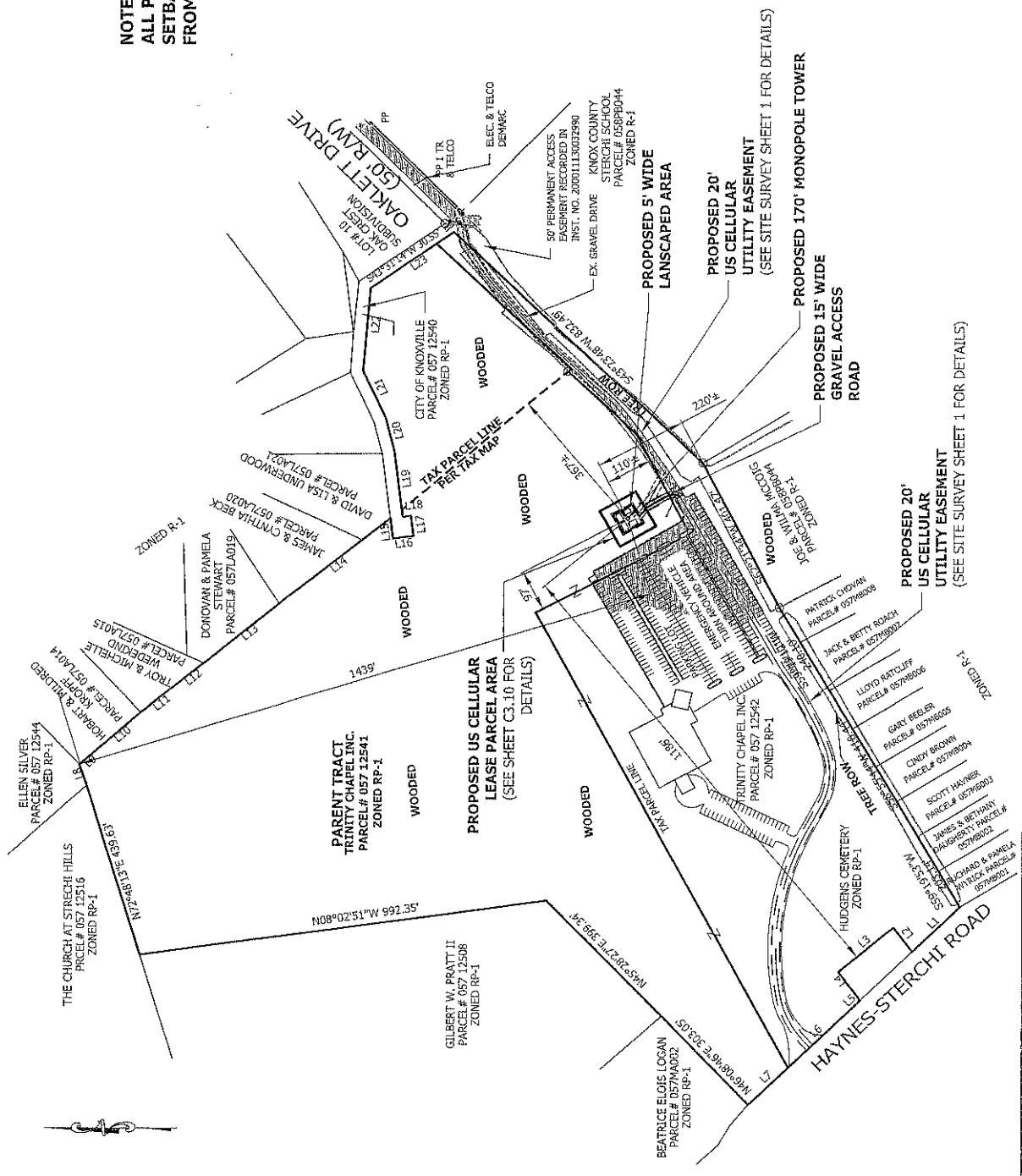
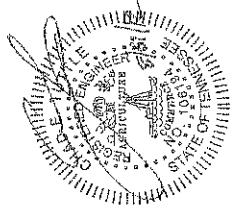
**CHAD TUTTLE**  
REGISTERED PROFESSIONAL ENGINEER  
REGISTRATION NO.: 16828

**US CELLULAR INSKIP**  
22355Z  
BILT ADDRESS:  
3830 HAYNES STERCHI RD.  
KNOXVILLE, TN 37912

**MASTER SITE PLAN**  
SHEET NUMBER  
**C3.00**

**NOTE:**  
ALL PROPOSED PROPERTY LINE SETBACKS ARE MEASURED FROM THE EDGE OF TOWER.

LINE	BEARING	DISTANCE
L1	N89°51'39"W	184.65'
L2	S89°46'07"W	127.81'
L3	S82°23'28"W	86.57'
L4	N44°00'43"W	51.17'
L5	N43°47'08"W	198.16'
L6	N43°46'05"W	193.70'
L7	N43°46'05"W	53.77'
L8	N43°46'05"W	53.77'
L9	S41°00'16"E	152.97'
L10	S38°37'39"E	97.58'
L11	S38°37'39"E	98.27'
L12	S39°20'28"E	294.58'
L13	S39°59'02"E	320.76'
L14	S39°52'57"W	50.00'
L15	N89°46'07"W	50.00'
L16	N89°46'07"W	50.00'
L17	N89°46'07"W	50.00'
L18	N89°46'07"W	50.00'
L19	N89°46'07"W	50.00'
L20	N89°46'07"W	50.00'
L21	N89°46'07"W	50.00'
L22	N89°46'07"W	50.00'
L23	S41°00'16"E	204.59'



**U.S. Cellular**  
 973 CASSELL ROAD  
 KNOXVILLE, TN 37932  
 (615) 797-3525

**WIRELESS L.L.C.**  
 Site Development Services

SCALE: AS SHOWN  
 1" = 40' FOR PLAN  
 IF NOT ONE INCH ON THIS SHEET, AUSTIN STATES ACCORDINGLY.

SCALE: 1" = 20'  
 THESE DRAWINGS MAY NOT BE COPIED OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF DONALD L. LEACH, P.E.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/24/09	ISSUED FOR PERMITS & 17-5-12
2	12/24/09	ISSUED FOR PERMITS & 17-5-12
3	12/24/09	ISSUED FOR PERMITS & 17-5-12
4	12/24/09	ISSUED FOR PERMITS & 17-5-12

DESIGNED BY: JHE  
 DRAWING BY: JHE  
 CHECKED BY: GJM  
 DATE: 2/6/12  
 JOB NUMBER: 22-010-06

**B&T ENGINEERING**  
 1717 S. KOLLIDER  
 SUITE 300 TULSA, OK 74119  
 PH: (918) 581-4630

CHAD TUTTLE  
 PROFESSIONAL ENGINEER  
 REGISTRATION NO.: 16524

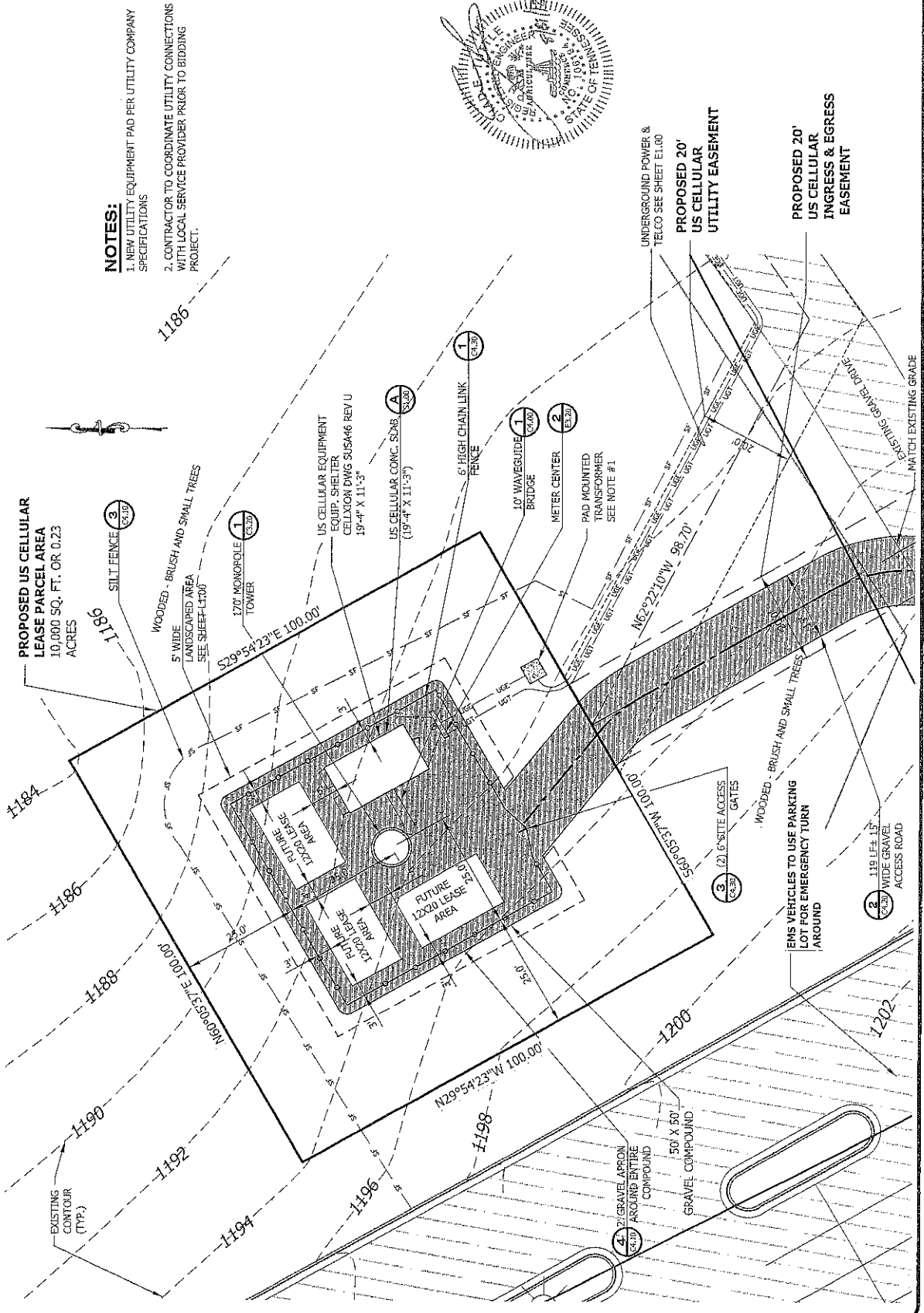
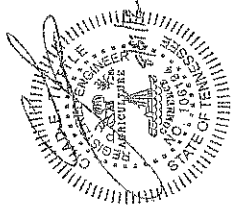
SITE NAME:  
**US CELLULAR  
 INSKIP**  
 SITE NUMBER:  
**223527**  
 SITE ADDRESS:  
 5830 HAYNES STRECH RD.  
 KNOXVILLE, TN 37912

SHEET TITLE:  
**SITE PLAN**

SHEET NUMBER:  
**C3.10**

**NOTES:**

1. NEW UTILITY EQUIPMENT PAD PER UTILITY COMPANY SPECIFICATIONS
2. CONTRACTOR TO COORDINATE UTILITY CONNECTIONS WITH LOCAL SERVICE PROVIDER PRIOR TO BIDDING PROJECT.



UNDERGROUND POWER & TELCO SEE SHEET E1.00  
**PROPOSED 20' US CELLULAR UTILITY EASEMENT**

**PROPOSED 20' US CELLULAR INGRESS & EGRESS EASEMENT**

EMV VEHICLES TO USE PARKING LOT FOR EMERGENCY TURN AROUND

MATCH EXISTING GRADE

**U.S. Cellular**  
 9231 CONCORD ROAD  
 KNOXVILLE, TN 37932  
 (615) 777-9835

**WIRELESS VISION**  
 J.L.C.  
 Site Development Services

SCALE: VERIFICATION  
 1" = 10'  
 MAKE SURE YOU DRAW ON ORIGINAL DRAWING.  
 IF NOT ONE, NOT ON THIS SHEET. ADJUST SCALES ACCORDINGLY.

SCALE: N.T.S.  
 THIS DRAWING MAY NOT BE COPIED OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF DONNA L. SCHEIDT, P.E.

REVISED: 05/20/06  
 1. REVISIONS: AS SHOWN AT 7:55:12  
 2. REVISIONS: AS SHOWN AT 7:55:12  
 3. REVISIONS: AS SHOWN AT 7:55:12  
 4. REVISIONS: AS SHOWN AT 7:55:12  
 5. REVISIONS: AS SHOWN AT 7:55:12  
 6. REVISIONS: AS SHOWN AT 7:55:12  
 7. REVISIONS: AS SHOWN AT 7:55:12  
 8. REVISIONS: AS SHOWN AT 7:55:12  
 9. REVISIONS: AS SHOWN AT 7:55:12  
 10. REVISIONS: AS SHOWN AT 7:55:12  
 11. REVISIONS: AS SHOWN AT 7:55:12  
 12. REVISIONS: AS SHOWN AT 7:55:12  
 DESIGNED: JAE  
 DRAWING: JAE  
 CHECKED: GVA  
 DATE: 2-06-12  
 JOB NUMBER: 27726048

**B&T ENGINEERING**  
 1777 S. BALDWIN  
 SUITE 300 TULSA, OK 74119  
 PH. (918) 387-6630

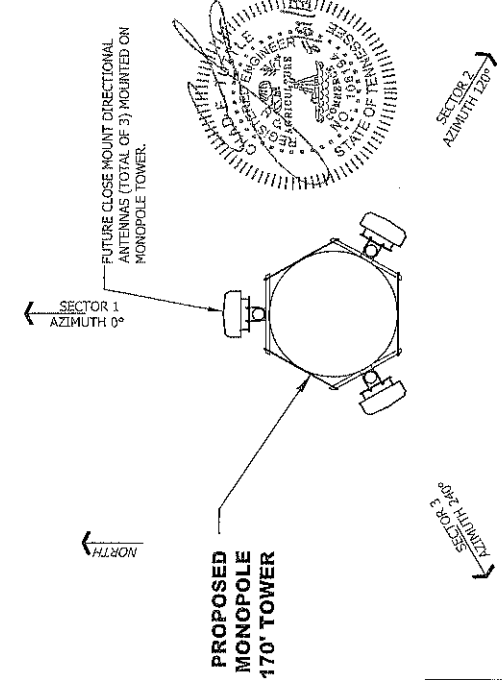
CHAD TUTTLE  
 PROFESSIONAL ENGINEER  
 REGISTRATION NO. 18824

SITE NAME:  
**US CELLULAR  
 INSKIP**  
 SITE NUMBER:  
**223527**

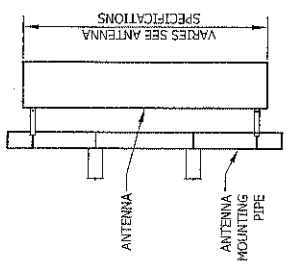
SITE ADDRESS:  
 5830 MAYNES STREET RD,  
 KNOXVILLE, TN 37912

SHEET TITLE  
**ELEVATION AND  
 PLATFORM  
 DETAIL**

SHEET NUMBER  
**C3.20**



**ANTENNA SECTION**  
 N.T.S.



SECTOR	COLOR	# OF STRIPES		
		TX	RX1	RX2
ALPHA X	RED	1	2	3
BETA Y	WHITE	1	2	3
GAMMA Z	BLUE	1	2	3

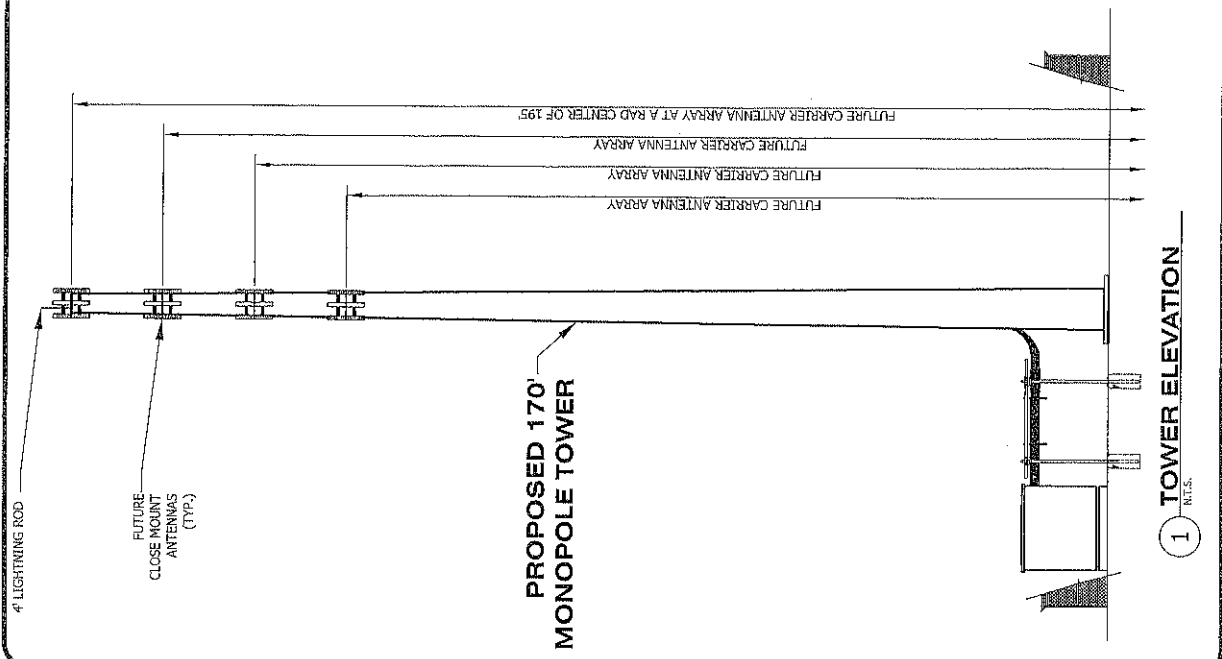
REV 'G' INFORMATION  
 STRUCTURE CLASS II  
 EXPOSURE CATEGORY B  
 TOPOGRAPHIC CATEGORY 3 (HILL TOP)

**TYPICAL ANTENNA ASSIGNMENT**  
 N.T.S.

PD S #	ANTENNA #	ANTENNA MODEL	GAIN	ANT. ERP	PA SETTING	MECH DT	ELEC DT	ANT. HEIGHT	AZIMUT H	CABLE LENGTH	CABLE SIZE
1											
2											
3											
4											
5											
6											
7											
8											
9											
0											
11											
12											

**NO RF PROVIDED TO ENGINEER**

**ANTENNA SCHEDULE**  
 N.T.S.



**TOWER ELEVATION**  
 N.T.S.

**LEGEND:**

- (1125) PROPOSED FINISHED GRADE

**CONTRACTOR'S NOTE:**

DRAINAGE TO BE MAINTAINED AS CLOSELY AS POSSIBLE TO PRE CONSTRUCTION CONDITIONS.

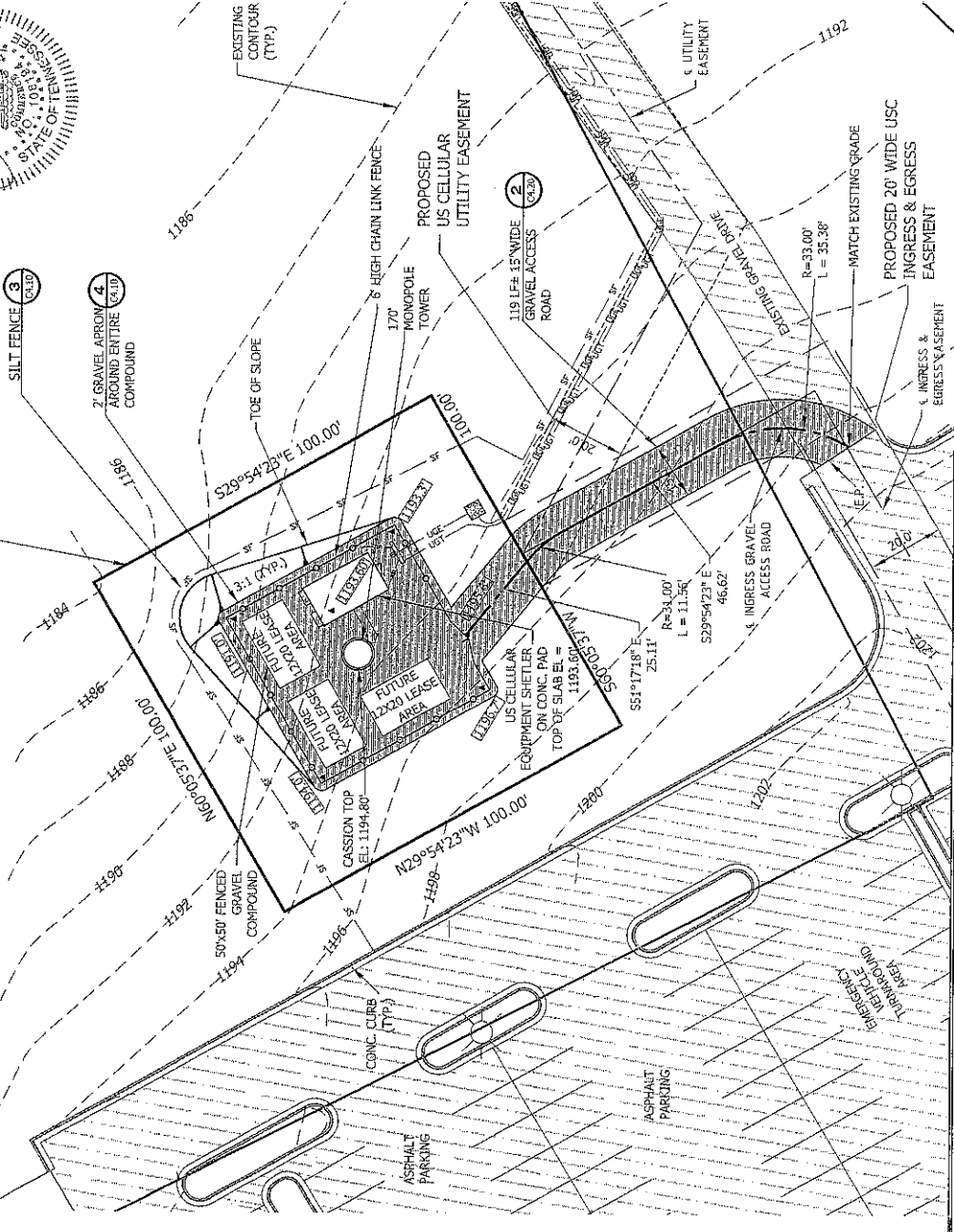
**NOTES:**

1. TYPICAL FINISH GRADES ARE TOP OF STONE.
2. PROVIDE VEGETATION CONTROL FOR SUBGRADE PRIOR TO PLACEMENT OF STONE.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON SITE AT ALL TIMES. SILT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED ON THE DOWNSLOPE SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CONNECTED AT THE CONTRACTOR'S EXPENSE.
4. SEEDING AND MULCHING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD. ALL SEEDING AND MULCHING SHALL BE PER T.D.O.T. SPECIFICATIONS.

5. PLACE SOG ON ALL SLOPES GREATER THAN 4:1. PIN SOG ON ALL SLOPES GREATER THAN 3:1. PLACE EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 2:1. ALL VEGETATIVE CONTROL MEASURES SHALL BE PER T.D.O.T.
6. TREES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED FROM THE SITE. NO VEGETATION OR DEBRIS SHALL BE ALLOWED TO FALL OVER SLOPE.
7. PERMISSION FOR GRADING OUTSIDE THE LEASE AREA IS PROVIDED BY U.S. CELLULAR AGREEMENT WITH OWNER.
8. CONTRACTOR TO MINIMIZE CLEARING AND GRUBBING LIMITS TO MAINTAIN VEGETATION IN NATURAL STATE AS MUCH AS POSSIBLE.
9. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT EROSION CONTROL MEASURES.
10. VERT. CO. DATUM: NAVD83; SEE SITE SURVEY, SHEET 2 OF 3 FOR BENCHMARK INFORMATION.



PROPOSED US CELLULAR LEASE PARCEL AREA



**U.S. Cellular**  
8721 CORTELL ROAD  
KNOXVILLE, TN 37922  
(615) 717-7405

**WIRELESS VISION L.L.C.**  
Site Development Services

SCALE: 1" = 30'  
THIS DRAWING (AND NOT THE COVER OR REPRESENTATION) IS THE PROPERTY OF WIRELESS VISION L.L.C.

DESIGNER: JNE  
DRAWN: JME  
CHECKED: GJM  
DATE: 2-26-12  
JOB NUMBER: 122-001-06

1. REVISIONS: 01 EXPANSION 7-25-12  
2. REVISIONS: 02 COUNTY 2-20-12  
3. REVISIONS: 03 COUNTY 2-20-12  
4. REVISIONS: 04 COUNTY 2-20-12

**B&E ENGINEERING**  
1777 S. BOKLER  
SUITE 300 TULSA, OK 74119  
PH: (918) 387-4620

CHAD TUTTLE  
PROFESSIONAL ENGINEER  
REGISTRATION NO.: 160194

US CELLULAR  
TNSKIP  
SITE NUMBER: 223527  
SITE ADDRESS: 8830 MAYNES STERCHI RD, KNOXVILLE, TN 37942

GRADING PLAN

SHEET NUMBER: C3.30