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September 8, 2009

RECEIVED

SEP 09 2009

PUBLIC SERVICE
COMMISSION

Kentucky Public Service Commission
Attn: Tiffany Bowman, Esq.
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602-0615

Re: Case No. 2009-00105
T-Mobile / Butler County
Cell Tower Approval 5/1/09 for a Height of 260 Feet
Site No. 9LV0326A / "Dunn Store Road"

Dear Ms. Bowman:

Per our discussion on August 24, 2009, this letter will serve as notification to the Kentucky Public Service Commission that my client, Powertel Memphis Inc. d/b/a T-Mobile Kentucky, intends to construct the above-referenced cell tower at a reduced height of 220' with a 5' lightning arrestor.

Enclosed for your file are a revised vertical tower elevation and a revised foundation drawing to evidence this modification to the approved cell tower.

It would be most appreciated if you will acknowledge receipt of these documents and forward an approval of this modification as soon as possible, please.

Please contact us immediately if you need any additional information or documentation on this matter.

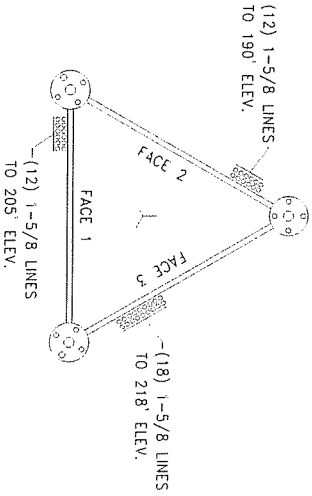
Sincerely,

Paul B. Whitty

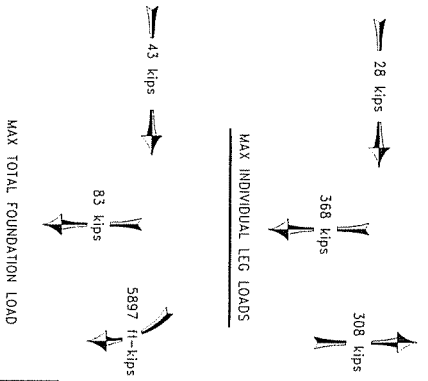
Enclosures

MEMBER CHART

SECTION	ELEVATION	FACE SIZE	LEGS	GIRTS		SECTION WEIGHT (lbs.)
				DIAGONALS	HORIZONTALS	
A	0' - 30'	20.00' - 17.33'	4-1/4	L 3-1/2 x 3-1/2 x 1/4	N/A	NOTE: 7 7725
B	30' - 60'	17.33' - 14.66'	4	L 3 x 3 x 1/4	N/A	NOTE: 7 6450
C	60' - 90'	14.66' - 12.00'	3-3/4	L 3 x 3 x 3/16	N/A	NOTE: 7 5250
D	90' - 120'	12.00' - 9.33'	3-3/4	L 2-1/2 x 2-1/2 x 3/16	N/A	NOTE: 7 4850
E	120' - 150'	9.33' - 6.66'	3-1/2	L 2 x 2 x 3/16	N/A	NOTE: 7 4100
F	150' - 180'	6.66' - 4.00'	3-1/4	L 2 x 2 x 3/16	N/A	NOTE: 7 3575
G	180' - 200'	4.00'	2-1/4	S.R. 7/8	S.R. 7/8	NOTE: 7 1875
H	200' - 220'	4.00'	1-3/4	S.R. 3/4	S.R. 3/4	NOTE: 7 1200



FEEDLINE DISTRIBUTION INFORMATION
 THE TOWER STRUCTURE IS DESIGNED ACCORDING TO THE FEEDLINE DISTRIBUTION INFORMATION PROVIDED.



MATERIAL SPEC CHART

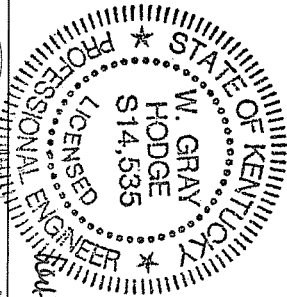
DESC.	MATR'L SPEC.	MIN. YIELD (ksi)
WELDED SECTIONS		
LEGS	A-572 GRADE 50	50
INNER MEM.	A-572 GRADE 50	50
FLANGE PL.	A-572 GRADE 50	50
BOLTED X-BRACED SECTIONS		
LEGS	A-572 GRADE 50	58
INNER MEM.	A-36	36
FLANGE PL.	A-572 GRADE 50	50
LEG PAD PL.	A-36	36

ANTENNA INFORMATION

ANTENNA	ELEVATION	LINE
(12) TMBX-6517-R2M	@ 218'	(18) 1-5/8
(12) TMBX-6517-R2M	@ 205'	1-5/8
(12) TMBX-6517-R2M	@ 190'	1-5/8

DESIGN & DRAWING NOTES:

- SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION.
- TOWER DESIGNED FOR EXPOSURE C TO THE TIA-222-G STANDARD.
- TOWER DESIGNED FOR A 90 MPH BASIC WIND WITH AN ACCORDANCE WITH TIA-222-G STANDARD.
- TOWER ALSO DESIGNED FOR A 30 MPH BASIC WIND WITH 0.75" I.C.L. ICE IS CONSIDERED TO INCREASE IN THICKNESS WITH HEIGHT.
- DEFLECTIONS ARE BASED UPON A 60 MPH WIND.
- STRUCTURE CLASS II, TOPOGRAPHIC CATEGORY 1.
- TOWER DESIGNED FOR STEP BOLTS UP ONE LEG.
- TOWER DESIGNED FOR FEEDLINE TO BE MOUNTED IN TWO ROWS ON CLIP-ON.
- SECTIONS A - F ARE 4-BAY X-BRACED.
- SECTIONS G - H ARE 6-BAY X-BRACED.



5/14/05



DESCRIPTION	DATE	APP.
DESIGN	5-29-09	M.F.L.
CHECK	5-29-09	A.W.L.
APPROVAL	5-29-09	G.R.F.

TOLERANCES	UNLESS OTHERWISE SPECIFIED DIMENSIONS
±.02	INCHES
±.015	INCHES
±.01	INCHES
±.005	INCHES
±.002	INCHES
±.001	INCHES

Site ID: 91V0326

Project: Tower Antennas

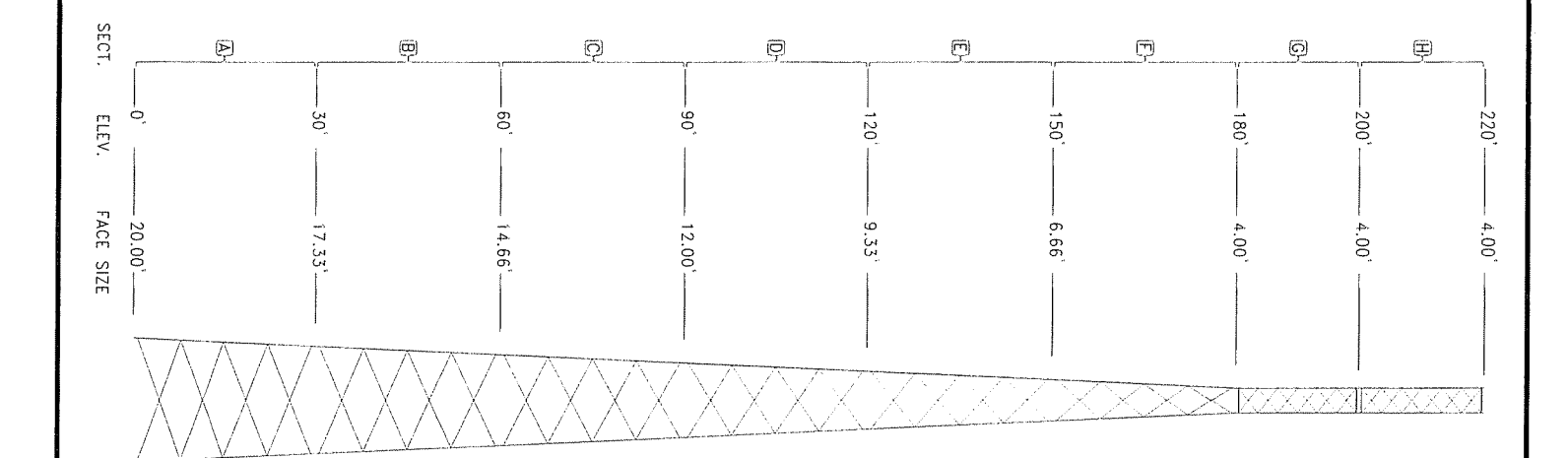
Title: Elevation View & Member Information

Client: DUNN STORE RD. - BULLER CO., KY.

Drawn No.: 5291-T1 (21441r2)

Scale: DO NOT SCALE DRAWING

Revision: 00



PAD

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#9 GRADE 60	31'	152	4712'

PIER (verts) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#9 GRADE 60	7'-11"	45	356'-3"

PIER (ties) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#4 GRADE 60	30" ϕ	27	213'

APPROXIMATE CONCRETE REQ'D = 70 yd³

NOTES:

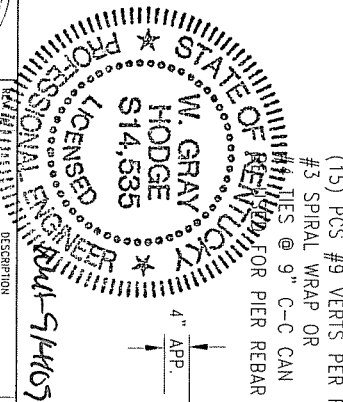
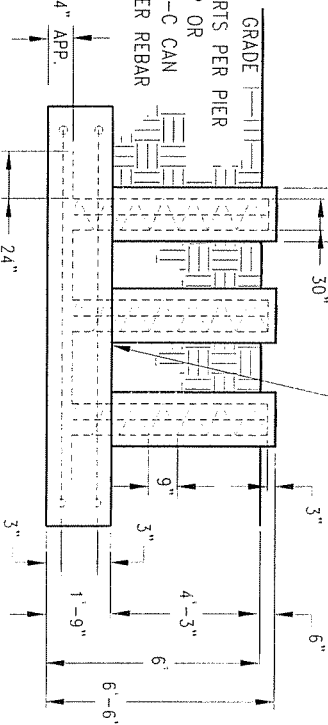
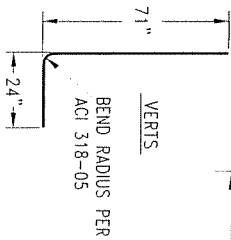
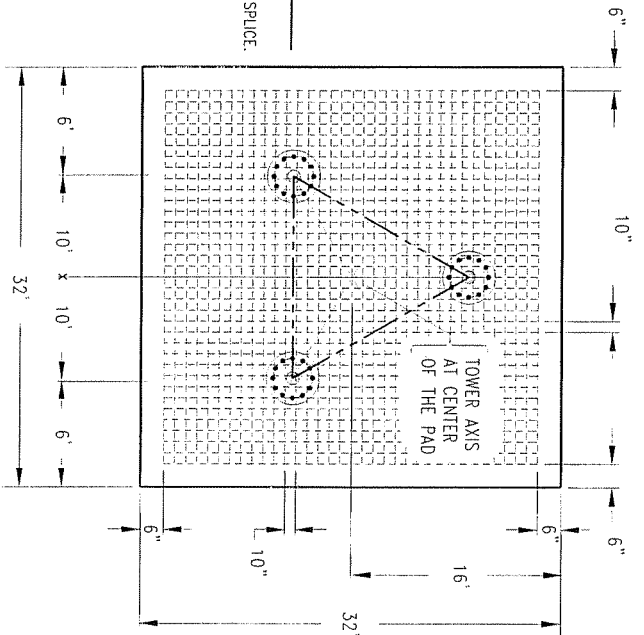
- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND ACI318.
- 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-05 AND ANSI/TIA-222-G STANDARDS UTILIZING THE SOILS REPORT PREPARED BY ASHER, INC. PROJ. NO. 009-016. A COPY SHALL BE PROVIDED TO THE FOUNDATION CONTRACTOR. SOIL CONDITIONS THAT DIFFER FROM THOSE DESCRIBED IN THE REPORT SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER/INSPECTOR. ALL COMMENTS OR RECOMMENDATIONS REGARDING CONSTRUCTION TESTING OR CONSTRUCTION MONITORING SHALL BE STRICTLY FOLLOWED.
- 3) ALL CONCRETE SHALL BE 4000 PSI AT 28 DAYS. COLUMNS SHALL BE PROPERLY CAST WITH COPIES OF THE TEST REPORTS GOING TO THE RESIDENT ENGINEER/INSPECTOR.
- 4) ALL ADMIXTURES MUST BE ADDED SEPARATELY INTO FRESH CONCRETE AND SUFFICIENTLY MIXED. A NON-CORROSIVE CONCRETE SET ACCELERATE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE C. A WATER REDUCING ADMIXTURE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE A.
- 5) ALL BACKFILL SHALL BE PLACED IN 9 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AS MEASURED BY ASTM D-698 UNLESS MORE STRINGENT COMPACTION IS REQUIRED BY THE SOIL REPORT.
- 6) MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- 7) CROWN TOP OF PIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- 8) SEE TEMPLATE DRAWING & TEMPLATE DESIGN CHART FOR TOWER LAYOUT DIMENSIONS. USE OF TEMPLATE IS REQUIRED TO INSURE PROPER LOCATION AND ORIENTATION OF ANCHOR BOLTS.
- 9) ROCK MAY BE ENCOUNTERED APPROX. 5' BELOW GRADE.

REBAR SPlicing CHART

BAR SIZE	SPlice LENGTH BOTTOM BARS	SPlice LENGTH TOP BARS
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	44"	57"
#8	51"	65"
#9	58"	73"
#10	65"	81"
#11	72"	89"

SPlicing NOTES:

- 1) STAGGER ALL SPICES.
- 2) SPICE CHART IS BASED ON 4000 PSI CONCRETE AND CLASS B SPICE.
- 3) SPICE REBAR ONLY WHEN NECESSARY.



DESCRIPTION	DATE	APP.	DATE	DATE	DATE
DESIGN	5-06-09		5-06-09		
CHECK	5-06-09		5-06-09		
A.W.L.	5-06-09		5-06-09		
APPROVAL	5-06-09		5-06-09		
S.D.A.	5-06-09		5-06-09		

SITE NO: 9LV0326
 TITLE: BASE FOUNDATION DESIGN (OPTION 1)
 DWG NO: 5291-F1 (21441F2)
 COMPANY: Tower Innovations
 ADDRESS: 2833 HIGHWAY 251, KENTON, KY, 40520
 PHONE: (812) 853-0595
 FAX: (812) 853-6652
 DO NOT SCALE DRAWING