

Department of Planning & Public Works
City of Chesterfield
Public Hearing Summary Report

T.S.P. 36-2011 AT&T (1972 Baxter Road): A request to obtain approval for a Telecommunication Facility Siting Permit for a collocation of additional antennas and equipment on an existing high structure in a “R2” Residence District (15,000 sq. ft.) – zoned property located at the intersection of Baxter Road and a AmerenUE transmission line easement on the northeast side of Baxter Road (20S540700).

Summary

The above-referenced project is a request for a Telecommunications Siting Permit (T.S.P.). AT&T proposes to locate three (3) additional antennas to an existing high structure at the above referenced location. The additional antennas will be utilized to offer LTE 4G data service.

The existing antennas at this site are located on the top of an AmerenUE transmission tower. The current antenna array on this office building was approved administratively under the conditions of City of Chesterfield Ordinance 1214. City of Chesterfield Ordinance 2391, which now governs telecommunications and facilities siting, requires a public hearing before the City of Chesterfield Planning Commission for initial granting of a T.S.P. Note, the Commission does not provide a recommendation to the City Council, but rather a list of issues generated during the hearing. City Council is the decision-making body for all requests for Telecommunications Siting Permits. A public hearing further addressing the request will be held at the November 28, 2011 City of Chesterfield Planning Commission meeting.



TSP 34-2011 AT&T (1972 Baxter Road)
11/28/2011

Attached please find a copy of the Public Hearing Notice and an application packet detailing the request.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'Seymour'.

Shawn Seymour, AICP
Senior Planner

Cc: Michael G. Herring, City Administrator
Rob Heggie, City Attorney
Michael O. Geisel, Director of Planning and Public Works
Aimee Nassif, Planning and Development Services Director

**NOTICE OF PUBLIC HEARING
CITY OF CHESTERFIELD
PLANNING COMMISSION**

NOTICE IS HEREBY GIVEN that the Planning Commission of the City of Chesterfield will hold a Public Hearing on Monday, November 28, 2011, at 6:30 PM, in the Council Chambers at the City Hall, 690 Chesterfield Parkway West, Chesterfield, Missouri 63017.

Said hearing will be as follows:

T.S.P. 36-2011 AT&T (1972 Baxter Road): A request to obtain approval for a Telecommunication Facility Siting Permit for a collocation of additional antennas and equipment on an existing high structure in a "R2" Residence District (15,000 sq. ft.) – zoned property located at the intersection of Baxter Road and a AmerenUE transmission line easement on the northeast side of Baxter Road (20S540700).



Anyone interested in the proceedings will be given an opportunity to be heard. Copies of the request are available for review in the Department of Planning and Public Works at the Chesterfield City Hall, 690 Chesterfield Parkway West during weekdays between the hours of 8:30 a.m. and 4:30 p.m. If you should need additional information about this project, please contact Mr. Shawn Seymour, Senior Planner, by telephone at 636-537-4741 or by email at sseymour@chesterfield.mo.us

CITY OF CHESTERFIELD
Amy Nolan, Chair
Chesterfield Planning Commission

NOTE: Boundary configuration taken from area shown as "EXISTING UNION ELECTRIC COMPANY EASEMENT 6294 / 1433 on Plat of "Baxter Lakes Plat Four" as Recorded in Plat Book 169 at Pages 72-73 of The St. Louis Co. Records

NOTE: Tower site #588 lies in Zone "X" Per. FEMA MAP No. 291B9C0145 H
EFFECTIVE DATE: AUGUST 2, 1995

NOTES: Underground facilities, structures, and utilities have been plotted from best available records and/or evidence, therefore the relationship between proposed work and existing facilities, structures and utilities must be considered approximate, and it is the contractor's responsibility to determine their exact location and the existence of any not shown.

EASEMENTS:

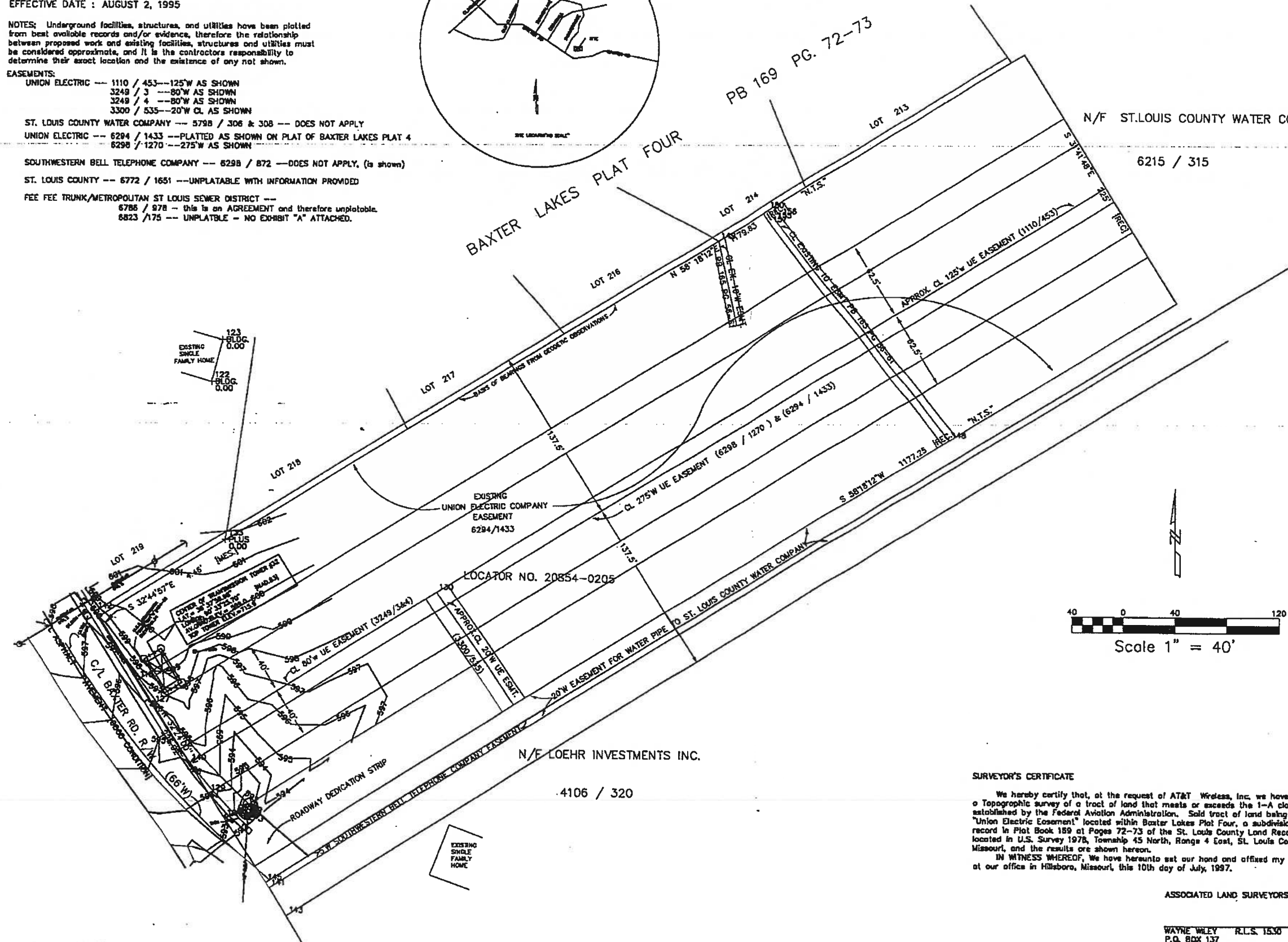
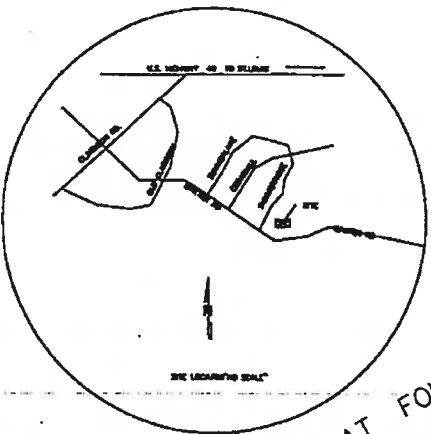
UNION ELECTRIC --- 1110 / 453 --- 125'W AS SHOWN
3249 / 3 --- 80'W AS SHOWN
3249 / 4 --- 80'W AS SHOWN
3300 / 535 --- 20'W CL AS SHOWN

ST. LOUIS COUNTY WATER COMPANY --- 579B / 306 & 308 --- DOES NOT APPLY
UNION ELECTRIC --- 6294 / 1433 --- PLATTED AS SHOWN ON PLAT OF BAXTER LAKES PLAT 4
6298 / 1270 --- 275'W AS SHOWN

SOUTHWESTERN BELL TELEPHONE COMPANY --- 629B / 872 --- DOES NOT APPLY. (to shown)

ST. LOUIS COUNTY --- 6772 / 1651 --- UNPLATABLE WITH INFORMATION PROVIDED

FEE FEE TRUNK/METROPOLITAN ST LOUIS SEWER DISTRICT ---
6786 / 878 --- this is an AGREEMENT and therefore unplatable.
8823 / 175 --- UNPLATABLE - NO EXHIBIT "A" ATTACHED.



REV	DATE	DESCRIPTION	DSGN
1	7-9-97	GENERAL ADDITIONS	MAG

APPROVED FOR CONSTRUCTION
FLUOR DANIEL, INC.
DATE SEP 24 1997

NOTE: IF DRAWING IS 11" X 17"
REFER TO GRAPHIC SCALE
DRAWN BY: D.W.W.
CHECKED BY:
APPROVED BY:
DATE DRAWN: 5-29-87

ASSOCIATED LAND SURVEYORS INC.
P.O. BOX 137 HILLSBORO MO. 63050
PHONE: [314-797-2283]
FAX: [314-942-4001]



PCS SITE NO.: # 588
SITE ADDRESS:

TITLE: **CIVIL SURVEY**

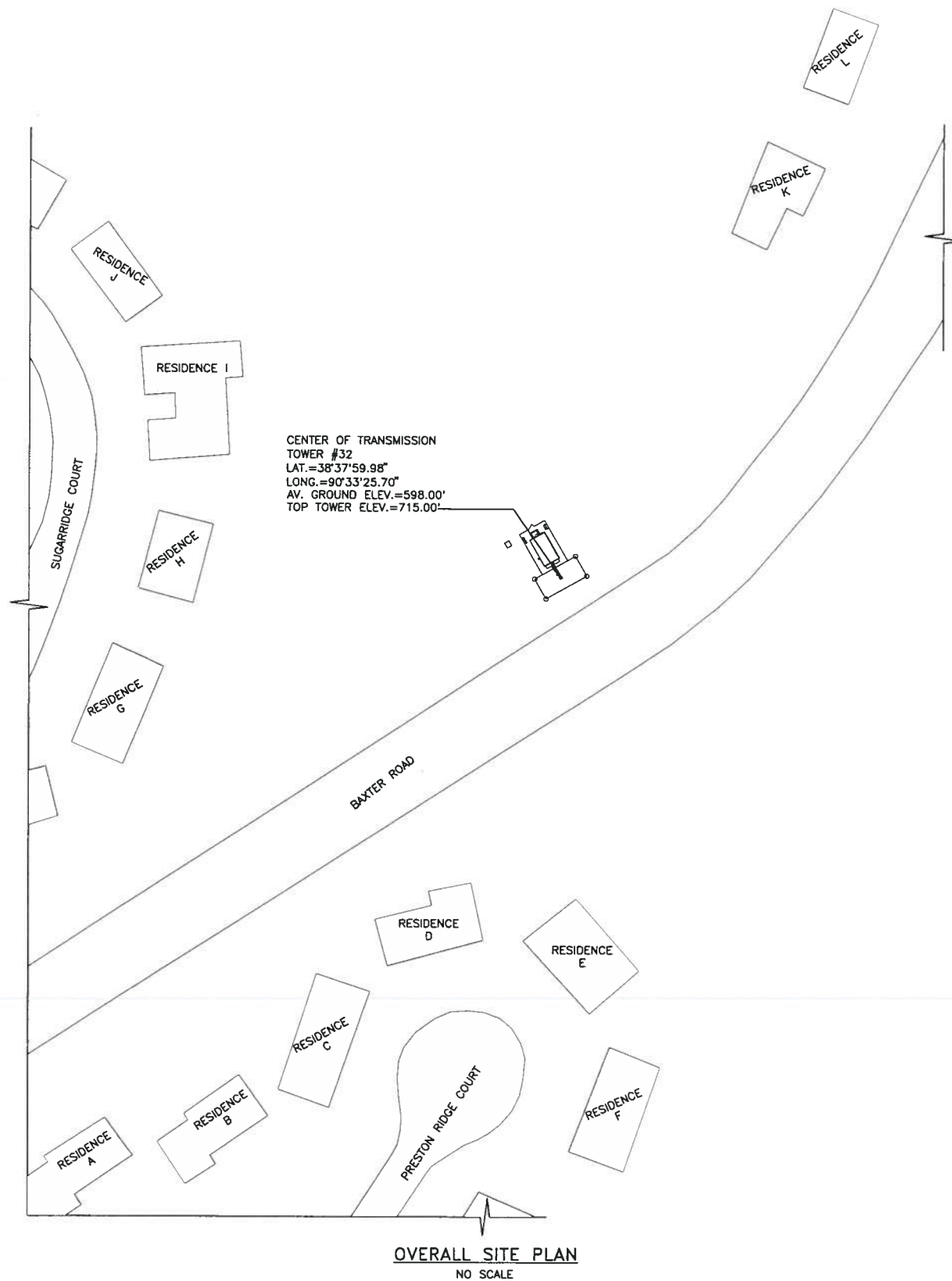
FD CONTRACT NO. 21900204
DRAWING NO. 1 OF 1

PLOT DATE: 6-3-97
FILENAME: CHEST.DWG XREF:

SURVEYOR'S CERTIFICATE
We hereby certify that, at the request of AT&T Wireless, Inc, we have executed a Topographic survey of a tract of land that meets or exceeds the 1-A classification established by the Federal Aviation Administration. Said tract of land being shown as "Union Electric Easement" located within Baxter Lakes Plat Four, a subdivision filed for record in Plat Book 169 at Pages 72-73 of the St. Louis County Land Records, being located in U.S. Survey 1978, Township 45 North, Range 4 East, St. Louis County, Missouri, and the results are shown hereon.
IN WITNESS WHEREOF, We have hereunto set our hand and affixed my official seal at our office in Hillsboro, Missouri, this 10th day of July, 1997.

ASSOCIATED LAND SURVEYORS, INC.
WAYNE WILEY R.L.S. 1530
P.O. BOX 137
HILLSBORO, MISSOURI 63050
(314) 797-2283

PARCEL LINES, ZONE LINES AND OTHER SITE FEATURES SHOWN ARE COMPILED FROM EXISTING PLANS AND OTHER DATA. LOCATION OF PARCEL LINES, ZONE LINES AND SITE FEATURES ARE NOT TO BE CONSTRUED AS THE RESULT OF AN ACTUAL FIELD SURVEY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.



RESIDENCE	DISTANCE FROM CL OF SELF SUPPORT TOWER
A	466'-0"±
B	400'-0"±
C	307'-0"±
D	210'-0"±
E	212'-0"±
F	312'-0"±
G	269'-0"±
H	237'-0"±
I	234'-0"±
J	264'-0"±
K	254'-0"±
L	175'-0"±



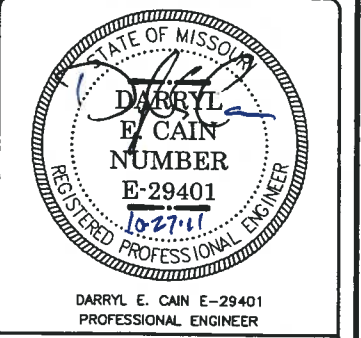
13075 MANCHESTER RD, SUITE 100
 ST LOUIS, MO 63131



10950 GRANDVIEW DRIVE
 OVERLAND PARK, KANSAS 66210
 (913) 458-2000
 BLACK & VEATCH PROFESSIONAL ENGINEERING CORPORATION
 MISSOURI STATE CERTIFICATE OF AUTHORITY # 001646

PROJECT NO: 168986
 DRAWN BY: MAK
 CHECKED BY: GPX

REV	DATE	DESCRIPTION
1	10/27/11	CHANGED SITE ADDRESS
0	08/10/11	ISSUED FOR ZONING



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

M03520
 UE BAXTER
 (1972 BAXTER ROAD)
 CHESTERFIELD, MO 63017
 LTE - TRANSMISSION TOWER

SHEET TITLE
 OVERALL SITE PLAN

SHEET NUMBER
 Z-2



13075 MANCHESTER RD, SUITE 100
ST LOUIS, MO 63131



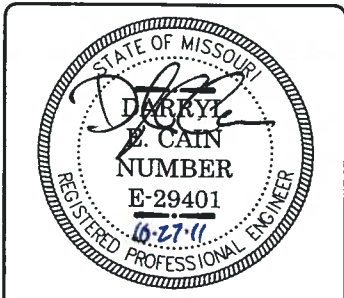
BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

BLACK & VEATCH PROFESSIONAL ENGINEERING CORPORATION
MISSOURI STATE CERTIFICATE OF AUTHORITY # 001846


PROJECT NO:	168986
DRAWN BY:	MAK
CHECKED BY:	GPX

REV	DATE	DESCRIPTION
1	10/27/11	CHANGED SITE ADDRESS
0	08/10/11	ISSUED FOR ZONING



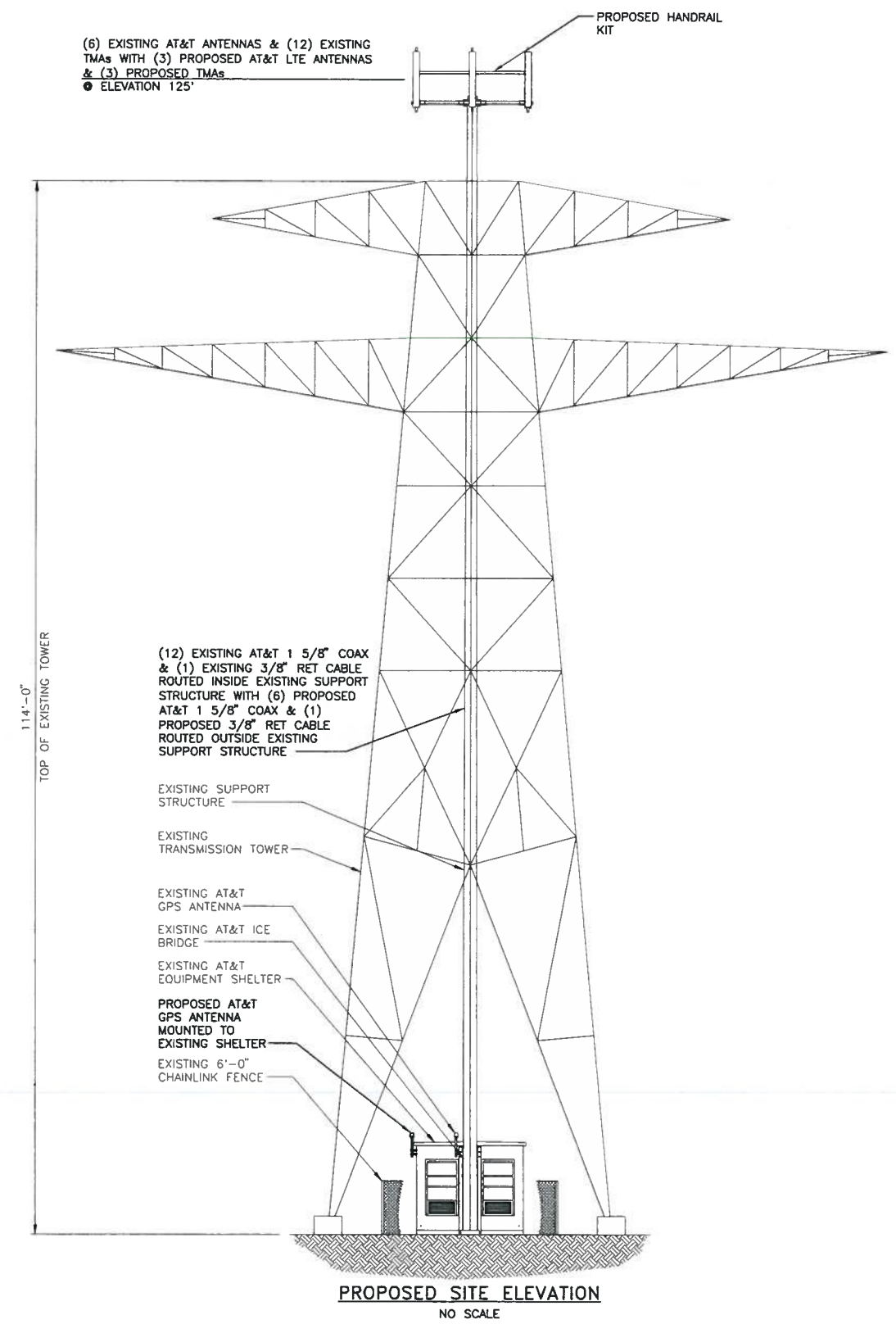
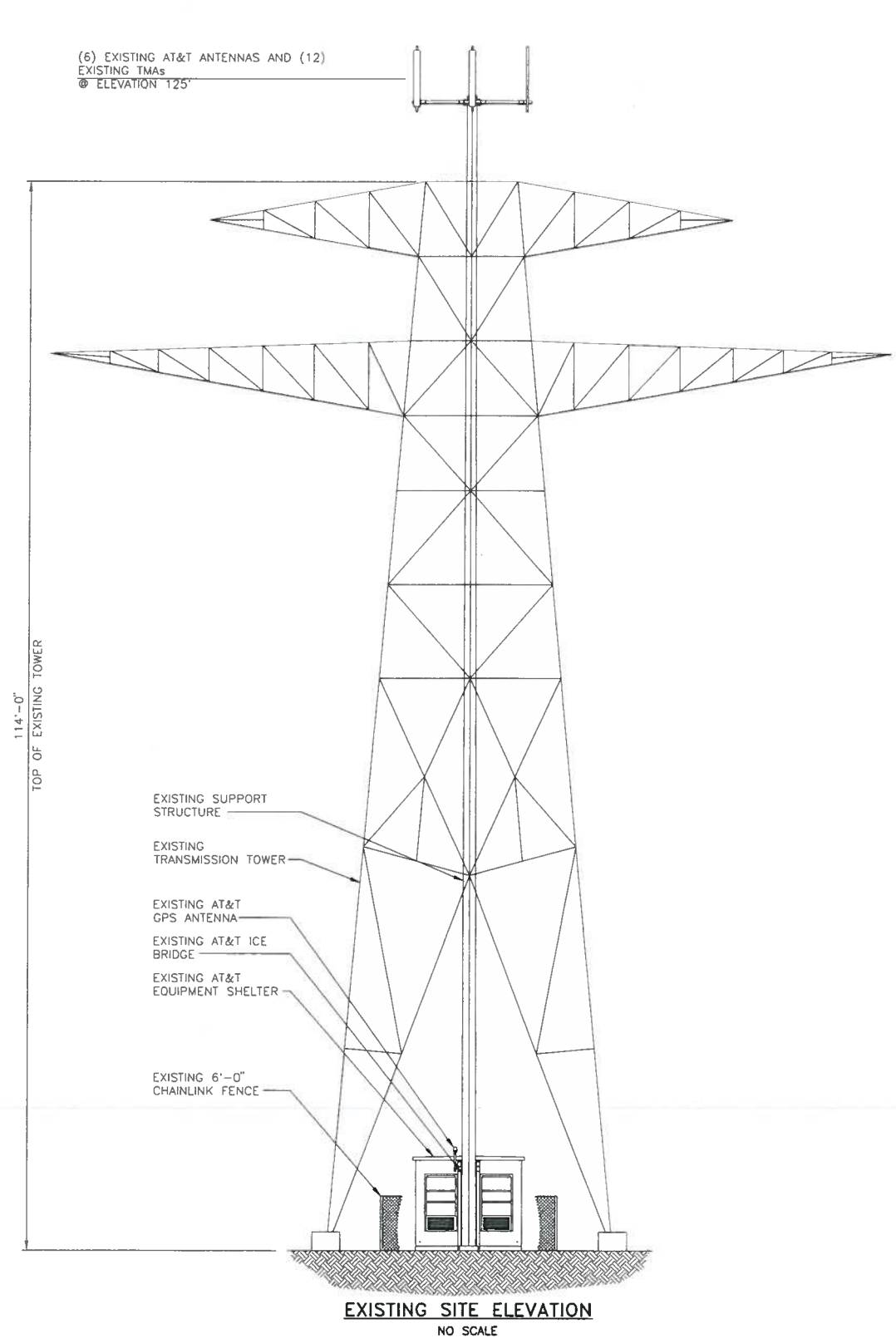
DARRYL E. CAIN E-29401
PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

M03520
UE BAXTER 
1972 BAXTER ROAD
CHESTERFIELD, MO 63017
LTE - TRANSMISSION TOWER

SHEET TITLE
SITE ELEVATIONS

SHEET NUMBER
Z-4





August 5, 2011

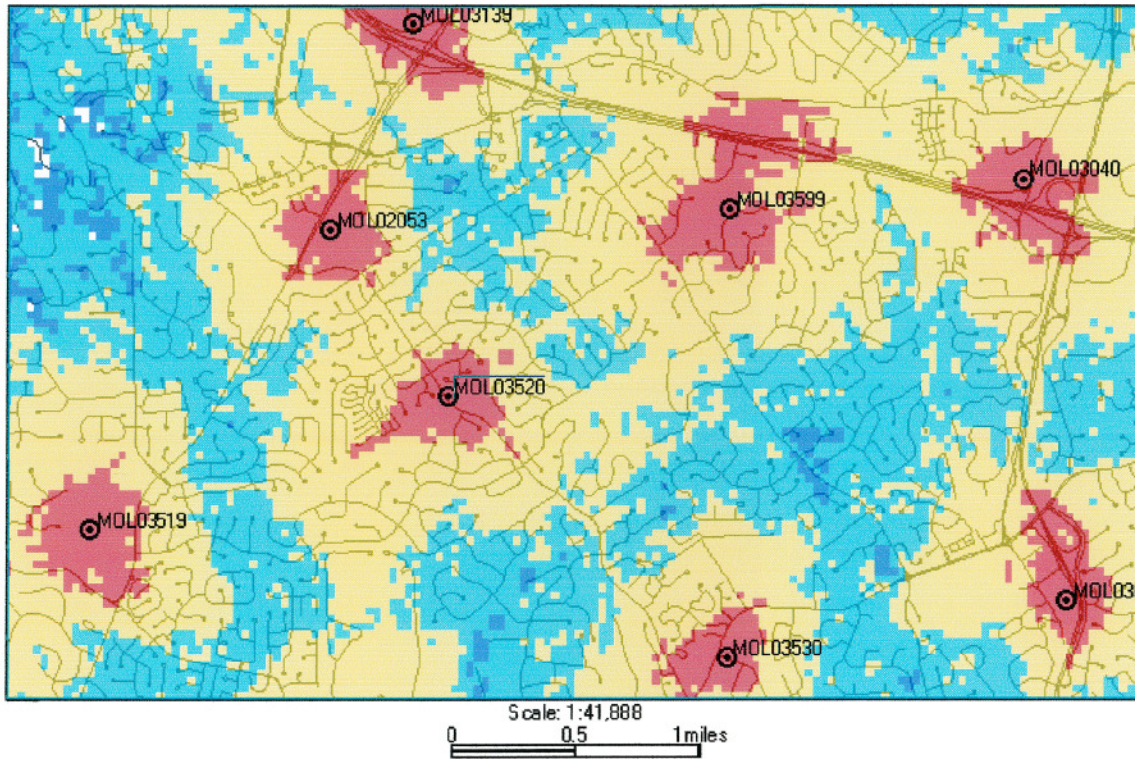
The following is a brief explanation of why AT&T Mobility is proposing to have the current wireless communication facility at 1976 Baxter Road modified. This facility is labeled as MOL03520 on Map 1. Currently this facility is only capable of broadcasting our older technologies.

This facility currently is broadcasting our "2G" technology (called GSM) and our "3G" technology (called UMTS). Each technology uses its own antennas and equipment. The modification we are proposing is to add our "4G" technology (called LTE). Perhaps you have seen all the television commercials from various wireless carriers talking about their 4G systems. 4G, short for 4th generation of wireless technology, allows wireless carriers to provide much faster data speeds than our current networks. 4G is only for data at this point. All voice calls will still be served on older technologies. Currently AT&T still has the fastest data network. Although as other carriers implement and optimize their 4G networks we expect to lose that advantage and eventually fall behind other carriers unless we also launch our 4G network. The proposed modifications will allow us to implement our 4G technology by using additional antennas and equipment.

Because of national E911 requirements, this site needs to run all technologies. The 4G technology is not capable of handling voice calls at this time and all 911 calls made from a wireless device will be routed through our older technologies. These technologies require that we use a total of 3 antennas for each direction covered. This site, like most of our locations, serves three directions creating a need for 9 antennas. This requires us to add 3 additional antennas for this location.

This plan will have no effect on our coverage for current technologies. Map 1 below shows the proposed coverage for our 4G network in the area. AT&T Mobility has acceptable coverage in most of the surrounding area. Because 4G is a data only service the different signal levels don't indicate whether service exists or not. In general on 4G the stronger the signal (to a point) the faster the data rates will be. It is expected that red, yellow and light blue will have data speeds faster than our 3G technology. The dark blue will likely have data speeds nearly identical to the 3G technology.

Map 1 Proposed AT&T "4G" coverage



Ron Humphrey

Radio Frequency Design Engineer
AT&T Mobility Division