



## ARLINGTON COUNTY, VIRGINIA

**County Board Agenda Item  
Meeting of July 10, 2010**

**DATE:** June 24, 2010

**SUBJECT:** U-3240-09-3 USE PERMIT AMENDMENT to amend the number of AT&T antennas in the approved conditions for the property located at 2666 Military Road (RPC #05-001-031).

**Applicant:**  
AT&T

**By:**  
Phil Stetler, Zoning Specialist  
Site Link Wireless, LLC  
7130 Minstrel Way  
Suite 215  
Columbia, MD 21045

**C. M. RECOMMENDATION:**

Approve the use permit amendment request to amend the number of AT&T antennas at 2666 Military Road in the approved conditions, subject to all previous conditions and one (1) revised condition and with no further scheduled County Board review.

**ISSUES:** This is a use permit amendment request to amend an approved condition regarding the number of AT&T antennas at 2666 Military Road and no issues have been identified.

**SUMMARY:** This is a use permit amendment request of AT&T to amend the approved conditions of the subject use permit for antennas located in the steeple of the Church of the Covenant at 2666 Military Road in Donaldson Run. When the use permit was approved on January 23, 2010, condition #1 specified the telecommunication facility is limited to two (2) antennas. In reality, there were three (3) existing antennas on the church steeple, and the applicant was requesting to replace one (1) of them. A use permit amendment is needed to correct this inconsistency. The antennas are consistent with the *Interim Guidelines for Placement of Telecommunications Facilities on County-Owned Property (Telecommunications Guidelines)*, which encourage location of antennas on existing structures. Therefore, staff recommends approval of the use permit amendment to amend the number of AT&T antennas at 2666 Military

County Manager: MB/GA

Staff: Melanie Jesick, DCPHD, Planning Division

PLA-5641

26.

Road in the approved conditions, subject to all previous conditions and one (1) revised condition, and with no further County Board review.

**BACKGROUND:** The antennas were approved administratively in August 2005. A use permit was approved in January 2010 to permit replacement of one (1) of the existing antennas. There are, and will continue to be, three (3) AT&T antennas at the location. The following provides more information about the site:

Site: The site is comprised of a church and parking lot.

To the north:	Single-family detached homes.
To the south:	Single-family detached homes.
To the east:	Single-family detached homes.
To the west:	Taylor Elementary School.

Zoning: The site is zoned “R-10” One-Family Dwelling Districts.

Land Use: The subject site is designated “Low” residential (1-10 units per acre).

Neighborhood: The site is located within the Donaldson Run Civic Association. The Donaldson Run Civic Association was contacted during the original use permit request in January 2010 and stated at that time the civic association does not oppose the new use permit provided that the applicant conducts an emissions study on an annual basis for the site. The applicant has not agreed to conduct annual emission studies and no condition was added. The antennas are installed in compliance with Federal Communications Commission (FCC) standards. The Donaldson Run Civic Association was notified of this use permit amendment request and has not provided comments to date.

**DISCUSSION:** *The Interim Guidelines for Placement of Telecommunications Facilities on County-Owned Property (Telecommunications Guidelines)* were used to evaluate the application. The *Telecommunication Guidelines* offer direction in the way of design, visual impact, and compliance with Federal Communications Commission (FCC) regulations, among other things. The *Telecommunication Guidelines* can be applied to telecommunication facilities on privately owned as well as County-owned property. The existing *Telecommunications Guidelines* encourage the location of new antennas on existing structures, as opposed to constructing a new pole. The existing telecommunications facility is unmanned and only requires infrequent visits by maintenance personnel. The antennas create little additional visual impact, as they are located within the church steeple.

**CONCLUSION:** The facility is in compliance with the County’s *Telecommunication Guidelines*. A use permit amendment is needed to correct the inconsistency between what is existing and what the conditions currently allow at the site. Therefore, staff recommends approval of the use permit amendment to amend the number of AT&T antennas at 2666 Military Road in the approved conditions, subject to all previous conditions and one (1) revised condition, and with no further County Board review.

Revised condition:

1. The applicant agrees that the telecommunications facility on the existing church at 2666 Military Road will be limited to a total of ~~two (2)~~ three (3) AT&T antennas, including the replacement antenna, as shown on plans dated October ~~13~~ 16, 2009.



Approved conditions:

1. The applicant agrees that the telecommunications facility on the existing church at 2666 Military Road will be limited to a total of two (2) AT&T antennas, including the replacement antenna, as shown on plans dated October 13, 2009.
2. The applicant shall identify a community liaison who shall be available to address any concerns regarding the facility operation. The name and telephone number of the liaison shall be provided to the Covenant Church, the Donaldson Run Civic Association and the Zoning Administrator.
3. The applicant agrees that the antennas shall be removed within ninety (90) days after any cessation of use.

**PROJECT DESCRIPTION**

THE PROJECT CONSISTS OF ADDING NEW EQUIPMENT WITHIN AN EXISTING EQUIPMENT SHELTER AND THE REPLACEMENT OF AN ANTENNA ON AN EXISTING BUILDING

**PROJECT INFORMATION**

**AGENCY:**  
 AT&T MOBILITY CORPORATION  
 7150 STANDARD DRIVE  
 HANOVER, MD 21076

**LANDLORD/PROPERTY OWNER:**  
 UNITED PRESBYTERIAN CHURCH  
 BRUSH SQUARE CTAL  
 2866 MILITARY ROAD  
 ARLINGTON, VA 22207

**APPLICABLE REPRESENTATIVE:**  
 BECHTEL TELECOMMUNICATIONS  
 5295 WESTVIEW DRIVE  
 FREDERICK, MD 21703

**BECHTEL CORPORATION:**  
 38, 90614  
 -77-11183  
 LONGPOND  
 HANDBOOK REQUIREMENTS: FACILITY IS UNMANNED  
 ACCESS TO SITE IS LIMITED TO PERSONNEL  
 HABITATION HANNOVER  
 ACCESS NOT REQUIRED

**CONSULTANT:**  
 DEWBERRY-CORPORATION, INC  
 133 GATHER DRIVE  
 SUITE F  
 MT LAUREL, NJ 08054  
 ATTENTION: CRAIG ZEDMAN  
 TELEPHONE: (856) 982-0843  
 FAX: (856) 982-0846

ALL EXAMINATORS MUST CONTACT MD  
 UTILITIES DIVISION (410) 535-7777  
 AT LEAST 3 BUSINESS DAYS PRIOR TO  
 EXCAVATION, AS REQUIRED BY LAW

**RF DATA SHEET**

DATE ISSUED: 09/23/2009 VERSION: IN 14009\_1.1

**DRAWING INDEX**

TITLE SHEET	REV.
T1	0
C1	0
C2	0
C3	0
C4	0
C5	0
C6	0

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS OF JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEERS IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

THIS DOCUMENT WAS DEVELOPED TO REFLECT A NOTED SITE AND ITS SITE CONDITIONS AND IS NOT TO BE USED FOR ANY OTHER SITE OR WHEN OTHER CONDITIONS PERTAIN. THE ENGINEER'S DOCUMENT IS AT THE SOLE RISK OF THE USER.



**SITE NUMBER: 2854**  
**SITE NAME: COVENANT CHURCH**  
 2866 MILITARY ROAD  
 ARLINGTON, VA 22207



SCALE: AS SHOWN  
 REVISIONS  
 ISSUED FOR REVIEW  
 DATE: 10/7/09  
 BY: [Signature]

**APPLICABLE BUILDING CODES AND STANDARDS**

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AND TO THE EXTENT THAT CONFLICT AWARD SHALL GOVERN THE DESIGN).

BUILDING CODE: INTERNATIONAL BUILDING CODE 2006, IRC 2003 WITH LOCAL AMENDMENTS  
 NATIONAL ELECTRICAL CODE: NEC 2002 WITH LOCAL AMENDMENTS  
 PRICE/LIFE SAFETY CODE: NFPA 1986 WITH LOCAL AMENDMENTS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES  
 TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) B-1, GUIDE FOR MEASURING EAR-TO-EAR RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIAL AND GROUNDING OF ELECTRICAL EQUIPMENT

IEEE 682.4.1, RECOMMENDED PRACTICES ON SURGE VOLTAGE R. ON VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY '03' AND '04' HIGH SYSTEM EXPOSURE)

TELECOM 03-1275, GENERAL INSTALLATION REQUIREMENTS

TELECOM 03-1503, COAXIAL CABLE CONNECTIONS

ANSI T1.111, FOR TELECOM - DC POWER SYSTEMS - TELECOM ENVIRONMENTAL PROTECTION FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING INTERNAL AND EXTERNAL CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. IN THE EVENT OF A CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

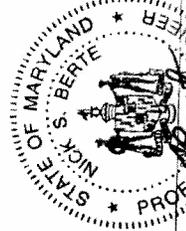
DETAIL 103

**A/E DOCUMENT REVIEW STATUS**

Status Code	Description
1	Accepted - With minor or no comments, construction may proceed
2	Not Accepted - Please resolve comments as resubmit

Acceptance does not constitute approval of design details, calculations, analysis, use of methods or materials developed or selected by the subcontractor and does not relieve the subcontractor of its obligations with contractual obligations.

Reviewed By	ENG	CONST	SA	TELECO	Date
10/2/09					



This document was prepared or approved by me, and I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 31763. Date: July 17, 2011.

AT&T MOBILITY CORP.  
 T&E SHEET  
 SHEET NUMBER: 28-17-4-30  
 11 C

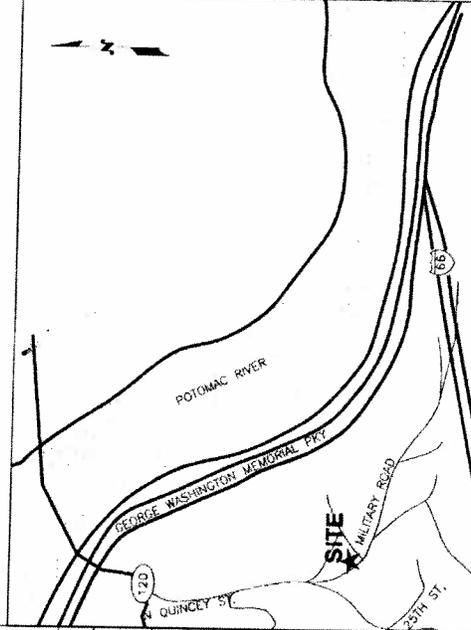
AT&T  
 UNITS PROJECT



**SITE NAME:**  
**COVENANT CHURCH**  
**SITE ID NUMBER: 2854**

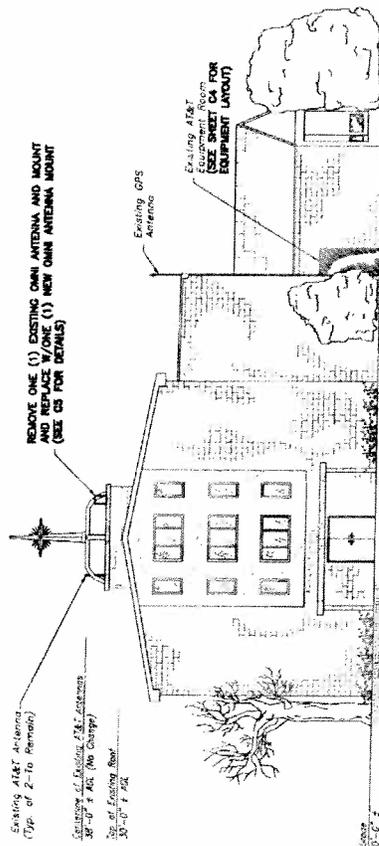
**VICINITY MAP**

DIRECTIONS: DEPART STANDARD DRIVE, TURN LEFT ONTO PARKWAY DRIVE, AND THEN IMMEDIATELY TURN RIGHT ONTO PARK CIRCLE DRIVE, TURN LEFT ONTO COCA COLA DRIVE, ROAD NAME CHANGES TO TOWARD WASHINGTON AT EXIT 27, TAKE RIGHT FOR HIGHWAY 2866, TURN RIGHT ONTO PARKWAY SOUTH, TURN RIGHT ONTO CLARA BARTON PARKWAY, TURN RIGHT ONTO GLEN ECHO, KEEP STRAIGHT ONTO CLARA BARTON PARKWAY, TURN RIGHT ONTO GLEN ECHO, BEAR RIGHT ONTO NORTH OLD GLEBE ROAD, TURN LEFT ONTO MILITARY ROAD, ARRRIVE AT MILITARY ROAD SITE.

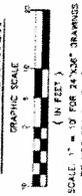


NOT TO SCALE

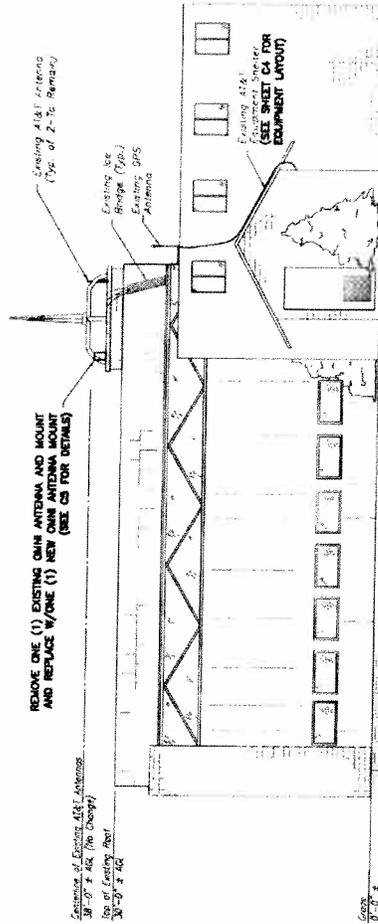




**NORTH ELEVATION**



SCALE: 1" = 10'-0" FOR 24"x36" DRAWINGS  
DO NOT SCALE FROM DRAWINGS



**SOUTH ELEVATION**



SCALE: 1" = 10'-0" FOR 24"x36" DRAWINGS  
DO NOT SCALE FROM DRAWINGS

REMOVE ONE (1) EXISTING OMNI ANTENNA AND MOUNT AND REPLACE W/ONE (1) NEW (SEE CS FOR DETAILS) PRIOR TO CONSTRUCTION.



**BECHTEL TELECOMMUNICATIONS**  
5935 WESTVIEW DRIVE  
FREDERICK, MD 21703



**Dewberry**  
Dewberry-Goodkind, Inc.  
10000 WOODBURN AVENUE  
FREDERICK, MD 21703  
Tel: 301-251-1000  
Fax: 301-251-1001

**SITE NUMBER: 2854**  
**SITE NAME: COVENANT CHURCH**  
2666 MILITARY ROAD  
ARLINGTON, VA 22207



7150 STANDARD DRIVE  
HANOVER, MD 21076

NO.	DATE	ISSUED FOR REVIEW	REVISIONS	BY	CHKD BY	APP'D BY
0	10/24/06	ISSUED FOR REVIEW		EDY	CLZ	ASE

Professional Engineer  
I certify that this document was prepared or approved by me, a professional engineer under the laws of the State of Maryland, License No. 37157, and that I am duly licensed and qualified to perform the services shown hereon.  
Date: July 17, 2011



**AT&T MOBILITY CORP.**  
NOTICE: ANT. SOUTH-BUILDING ELEVATIONS  
PROJECT  
DATE: 04-24-06  
JOB NO. 25471-430

AT&T MOBILITY CORP.  
NOTICE: ANT. SOUTH-BUILDING ELEVATIONS  
PROJECT  
DATE: 04-24-06  
JOB NO. 25471-430



**U-3240-09-3**  
**2666 Military Rd**  
**RPC #05-001-031**

Note: These maps are for property location assistance only.  
 They may not represent the latest survey and other information.



Not To Scale

