



County of Fairfax, Virginia

MEMORANDUM

DATE: February 1, 2010

TO: David Marshall, Chief
Facilities Planning Branch, Planning Division, DPZ

FROM: Kevin Guinaw, Chief *K. Guinaw*
Special Projects/Applications Management Branch, Zoning Evaluation Division, DPZ

SUBJECT: Proposed T-Mobile Telecommunications Facility at 6354 Walker Lane;
Tax Map 91-1 ((1)) 11B2; 2232 Application FSA-L03-16-1

This is in response to a request for a determination as to whether the telecommunications facility proposed by T-Mobile at 6354 Walker Lane would be in substantial conformance with the proffers accepted by the Board of Supervisors in conjunction with the approvals of Rezoning RZ 1998-L-048 and Proffered Condition Amendment PCA 98-LE-048-2, and the Final Development Plan Amendment (FDPA) approved by the Planning Commission pursuant to FDPA 1998-LE-048-1-2. As described in the 2232 application dated January 7, 2010, from Nathan Campbell, two (2) panel antennas (53.1 inches high x 13.0 inches wide x 3.15 inches deep) are proposed to be flush-mounted on the exterior wall of the rooftop penthouse. In addition, one (1) equipment cabinet (63.5 inches high x 51 inches wide x 37 inches deep) is proposed for installation in the existing screened equipment area on the rooftop. The applicant states that the antennas will be finished to match the building exterior. A copy of the 2232 application with illustrations of the proposed locations of the telecommunications equipment is attached.

The Zoning Administration Division has determined that a telecommunications facility as described above is a permitted use pursuant to the provisions of Sect. 2-514 of the Zoning Ordinance provided that it is determined to be in substantial conformance with any applicable rezoning and final development plan. It is my determination that the proposed telecommunications facility would be in substantial conformance with above-referenced applications. Please note that this proposal is subject to 2232 review requirements and that T-Mobile's ability to proceed is dependent upon approval of the pending 2232 application by the Fairfax County Planning Commission. This determination has been made in my capacity as the duly authorized agent of the Zoning Administrator. If you have any questions regarding this memorandum, please call Carrie Lee at (703) 324-1290.

KG/CDL/O:\clee01\ActionAssignments\Antennas\6354 Walker Ln_rooftop\6354 Walker Ln_T-Mobile.doc

Attachments: A/S

cc: Jeff C. McKay, Supervisor, Lee District
Rodney Lusk, Planning Commissioner, Lee District
Regina C. Coyle, Director, Zoning Evaluation Division, DPZ
Diane Johnson-Quinn, Deputy Zoning Administrator, Zoning Permit Review, ZAD, DPZ
Nathan Campbell, T-Mobile Northeast, 12050 Baltimore Avenue, Beltsville, MD 20705
File: RZ 1998-L-048, PCA 98-LE-048-2, FDPA 1998-LE-048-1-2, ANT 1001 005, Imaging, Reading File

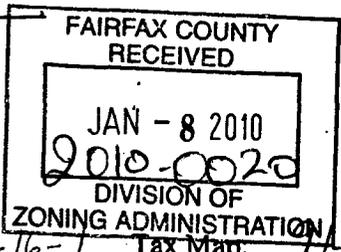


MEMORANDUM

TO: Lorrie Kirst, Deputy Zoning Administrator, ZAD
Other: _____

DATE: 1-7-10

FROM: David B. Marshall, Chief
Facilities Planning Branch, DPZ



SUBJECT: Request for Review: 2232 Application

RE: Application Number: FSA-L03-16-1 Tax Map: 7-1((1))11BZ

Attached for your review and comment is a 2232 Review application:

RECEIVED
Department of Planning & Zoning
JAN 11 2010
Zoning Evaluation Division

RECEIVED FROM: T-Mobile
PROPOSED USE: Telecommunications Facility: Roof-top Collocation
LOCATION OF USE: 6354 Walker Lane Alexandria
ADDITIONAL COMMENTS: _____

Please send your comments to David Marshall by: 1/22/10
Staff Coordinator: Connie Maier Phone: 4-1263 Email: Connie.Maier@FairfaxCounty.gov

****ZAD COMMENTS:**

Property is zoned PDC
 Proposed use is permitted by Zoning Ordinance and meets all zoning requirements.
 Proposed use does not meet all Zoning requirements as follows:
See Attached Comments

Referred to ZED for the following: RZ 98-LF-048, PCA 1998-LE-048-02, FDPA 1998-LE-
ZAD comments prepared by: Brian Parsons Date: 1/11/10

****ZED COMMENTS:** 048-01-02; CSP 1998-LF-048 ALSO PCA 1998-LE-048-03 of
 Proposed use is in substantial conformance with all development conditions and/or proffers.
 Proposed use is not in substantial accord with all development conditions and proffers. Scheduled for PC
MTC 1/28/10

**ZED comments prepared by: _____ Date: _____

Excellence * Innovation * Stewardship
Integrity * Teamwork * Public Service

Department of Planning and Zoning
Planning Division
12055 Government Center Parkway, Suite 730
Fairfax, Virginia 22035-5509
Phone 703-324-1380
Fax 703-324-3056
www.fairfaxcounty.gov/dpz/



Kirst, Lorrie

From: Kirst, Lorrie
Sent: Monday, January 11, 2010 2:43 PM
To: Maier, Constance A.
Cc: Parsons, Brian S.
Subject: FW: FSA-L03-16-1, 6354 Walker Lane, T-Mobile

RE: FSA-L03-16-1

6354 Walker Lane

Tax Map 91-1 ((1)) 11B2

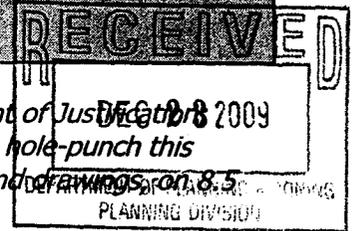
T-Mobile: Roof Collocation

Zoned:PDC

The proposed use meets all requirements of Par. 1 of Sect. 2-514 of the Zoning Ordinance. However, it is noted that the roof plan for the previous feature shown application shows a roof area of 26,802 square feet instead of the 46,000 square feet shown on the current plan. Should verify area of the roof and re-calculate the rooftop coverage - although it appears to be less than 25%..

Refer To ZED: Must be in substantial conformance with the proffered conditions associated with RZ 98-LE-048 and PCA 1998-LE-048-02, and with Final Development Plan Amendment FDPA.1998-LE-048-01-02, and Comprehensive Sign Plan CSP-1998-LE-048. It is noted that PCA 1998-LE-048-03 and FDPA.1998-LE-048-01-03 are pending and are scheduled for a Planning Commission public hearing on January 28, 2010.

COUNTY OF FAIRFAX, VIRGINIA
APPLICATION FOR DETERMINATION
PURSUANT TO
SECTION 15.2-2232 OF THE CODE OF VIRGINIA
Application Number: FSA-LO3-16-1
(assigned by staff)



The application contains three parts: I. Application Summary; II. Statement of Justification and I Telecommunication Proposal Details. Please do not staple, bind or hole-punch this application. Please provide at least one copy of all pages, including maps and drawings on 8.5 x 11 inch paper.

(Please Type or Print All Requested Information)

PART I: APPLICATION SUMMARY

ADDRESS OF PROPOSED USE

Street Address 6354 Walker Lane
City/Town Alexandria Zip Code 22310

APPLICANT(S)

Name of Applicant T-Mobile Northeast LLC
Street Address 12050 Baltimore Avenue
City/Town Beltsville State MD Zip Code 20705
Telephone Number: Work (703) 201-7709 Fax (240) 264-8604
E-mail Address Nathan.Campbell14@t-mobile.com
Name of Applicant's Agent/Contact (if applicable) Nathan Campbell
Agent's Street Address same as above
City/Town _____ State _____ Zip Code _____
Telephone: Work (____) _____ Fax (____) _____

PROPOSED USE

Street Address 6354 Walker Lane

Fairfax Co. Tax Map and Parcel Number(s) 91-1 ^{(C1) 11 B 2} ~~((28)) 2~~

Brief Description of Proposed Use _____

Modification of an existing telecommunications facility - Applicant proposes the addition of two (2) flush-mounted panel antennas to the six (6) antenna installation currently flush-mounted on the roof of the facility. One additional equipment cabinet will be mounted on a screened rooftop equipment platform. The site has been previously approved for 9 panel antennas and three equipment cabinets.

Total Area of Subject Parcel(s) 5.14 acres (acres or square feet)

Portion of Site Occupied by Proposed Use 200 sq ft (acres or square feet)

Fairfax County Supervisor District Lee

Planned Use of Subject Property (according to Fairfax County Comprehensive Plan)

Zoning of Subject Property PDC

List all applicable Proffer Conditions, Development Plans, Special Exceptions, Special Permits or Variances previously approved and related to this site

PROPERTY OWNER(S) OF RECORD

Owner Metropark 2354 LLC

Street Address 601 13th Street NW, Ste 700N

City/Town Washington State DC Zip Code 20005

PART II, entitled "Statement of Justification," pages 4 through 6, shall be completed by all applicants and included as part of the application. **PART III**, entitled "Telecommunication Proposal Details," pages 7 through 9, also shall be completed and included for all proposed telecommunication uses.

Name of Applicant or Agent Nathan Campbell

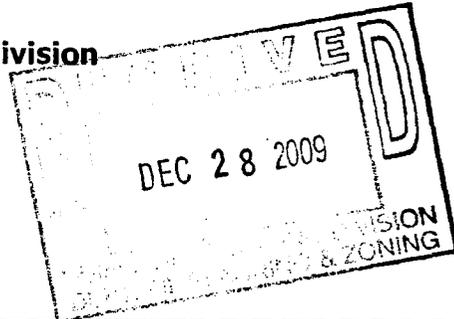
Signature of Applicant or Agent *Nathan Campbell*

Date December 23, 2009

Please do not staple, bind or hole-punch this application. Please provide at least one copy of all pages, including maps and drawings, on 8.5 x 11 inch paper.

Submit completed application to:

**Fairfax County
Department of Planning and Zoning, Planning Division
Herrity Building
12055 Government Center Parkway, Suite 730
Fairfax, Virginia 22035**



FOR STAFF USE ONLY

Date application received: 12/23/09

By: *DBM*

Additional information requested to complete application:

Date application accepted: 1/1/10

By: _____

PART III: TELECOMMUNICATION PROPOSAL DETAILS

Please complete and provide all requested information. If question is not applicable to the proposed use, please indicate with N/A.

PROPOSED TELECOMMUNICATION USE

Use is (check one):

- New structure (monopole, tower or camouflaged facility)
- Replacement of existing pole or tower at same location with another pole or tower
- Antenna placement on building or penthouse facade
- Antenna placement on building or penthouse rooftop
- Collocation on other existing telecommunications structure (monopole or tower)
- Collocation on other non-telecommunications structure (such as an electric transmission tower/pole, utility pole, water tower, etc.)
- Modification to telecommunications facility previously approved for same applicant:
Prior 2232 Review application number: FS-L03-16
Date of Planning Commission approval: June 12, 2003

PROJECT DETAILS

1. ANTENNA

Number and Type: Two (2) RFS APX16PV-16PVL panel
Dimensions: height 53.1" width 13" depth 3.15" diameter _____
Location / Placement: flush-mounted to existing parapet wall
Wattage: 250 W
Material and Color: metal - will be painted to match building
Material and Color of the Antenna Mounting: metal - will be painted to match
Height Above Ground: +/- 80' - 8"

2. EQUIPMENT

Number and Type of Cabinets or Structures: One (1) RBS 2106 cabinet
Cabinet / Structure Dimensions: height 63.5" width 51" depth 37"
Height of equipment platforms, if any: +/- 12"
Material and Color: metal - off white
Location: rooftop equipment platform
Method of Screening: screen wall

3. STRUCTURE ON WHICH ANTENNAS WILL BE MOUNTED

Maximum Height: 69' main roof, 83' penthouse
Material: stone
Color: tan
If structure is within a utility right-of-way, state right-of-way width:
N/A



December 22, 2009

Fairfax County
Department of Planning and Zoning, Zoning Division
Herrity Building
12055 Government Center Parkway, Suite 730
Fairfax, VA 22035

RE: **STATEMENT OF JUSTIFICATION**

T-Mobile Northeast LLC

Request for Determination under Virginia Code Section 15.2-2232

Site Address: 6354 Walker Lane Alexandria, Virginia 22310

Parcel ID#: 0911 01 0011B2

Zoning: PDC

Use: Office

Supervisor District: Lee

To Whom It May Concern:

Pursuant to Section 15.2-2232 of the Code of Virginia and in substantial accordance with the provisions of the adopted Comprehensive Plan, T-Mobile Northeast LLC, hereby requests a determination that the proposed modifications to the existing wireless broadband telecommunications facility on a rooftop at 6354 Walker Lane in Alexandria (T-Mobile site 7WAC163D) is in substantial accordance with the provisions of the adopted Comprehensive Plan.

1. Description of Proposed Modifications to Existing Use:

The existing six (6) panel antenna installation is flush-mounted to the parapet wall at a height of 81'. T-Mobile Northeast LLC (T-Mobile) proposes the installation of two (2) additional panel antennas measuring 53.1" high, 13" wide and 3.15" deep. The additional antennas will be flush mounted and painted to match and mounted no higher than the existing T-Mobile antennas.

The proposed additional antennas would utilize a proposed third RBS 2106 equipment cabinet, measuring 63.5" high by 51" wide by 37" deep to be mounted on the existing steel rooftop equipment platform. The platform is screened by an existing screen wall and the equipment is not visible from the ground.



The facility is unmanned and operates around the clock, 365 days per year. Routine maintenance occurs once or twice per month, performed by a service technician driving a standard sized vehicle. This facility operates as a base station for T-Mobile's telecommunications network. T-Mobile's network operates with transmitting frequencies between 1965 and 1975 megahertz and receiving frequencies between 1885 and 1895 megahertz. These modifications will not generate any noise, lights, dust, glare, vibrations, fumes or odors. The only traffic generated will be the roughly once a month routine maintenance visits. The proposed modifications pose no threat to the public health safety or welfare and will not impact radio, television or telephone reception. They will have no impact upon the air and water quality nor will they impact any existing environmental features of the subject property.

2. Requirement of Proposed Use:

The proposed modifications are a vital component of T-Mobile's area-wide wireless telecommunications network. Because wireless communications facilities operate at low power levels, wireless service providers such as T-Mobile must locate antenna sites according to a network design based on interconnecting cells (coverage areas) so that a wireless call can be seamlessly handed off from one wireless communications facility to the next as a user travels throughout the area. Without a sufficient number of wireless communications facilities, calls will drop and disconnect as the user approaches the outer limits of a cell. In order to achieve maximum efficiency from each wireless communications facility in the network, T-Mobile is adding antennas at existing sites, so that it can attain the broadest pattern of signal distribution and the widest possible spacing between its wireless communications facilities.

Dropped calls are not only an inconvenience and an annoyance for mobile phone users, but a network with significant gaps in coverage also diminishes the important emergency services component of wireless telephone service. Signal quality and network access are what matter most too wireless users. T-Mobile has significant coverage gaps in the area surrounding this wireless broadband communications facility and by modifying its installation, will be able to provide more complete coverage without the need for an entirely new installation.

T-Mobile is licensed by the Federal Communications Commission to provide telecommunications service in Fairfax County. The proposed modification is necessary in order to service the intended coverage area and to provide for proper hand-off to the adjacent antenna facilities in the network. This modification will serve to both close coverage gaps and relieve the number of dropped calls for adjacent sites.



ANTICIPATED IMPACTS ON ADJOINING PROPERTIES

The facility has no impact on traffic or parking as the facility is unmanned and does not generate traffic. This is an existing telecommunications site so the visual impact of the modifications will be minimal. There is no perceptible noise generated by the facility. There will be no interference with electronic equipment for telephone, television, radio or other electronic uses generated by these modifications.

RELATIONSHIP OF THE PROPOSAL TO THE COMPREHENSIVE PLAN

The existing facility has been found to be consistent with the goals the Fairfax County Comprehensive Plan and the objectives found under the Policy Plan of the Comprehensive Plan concerning "Mobile and Land-Based Telecommunication Services". The proposed modifications to T-Mobile's installation will not alter the facility's compliance with the goals and objectives of the Comprehensive Plan. These modifications will enhance the service provided by this installation without generating any significant additional impact to the property or surrounding parcels and will reduce the need for new T-Mobile wireless installations in this area of Fairfax County.

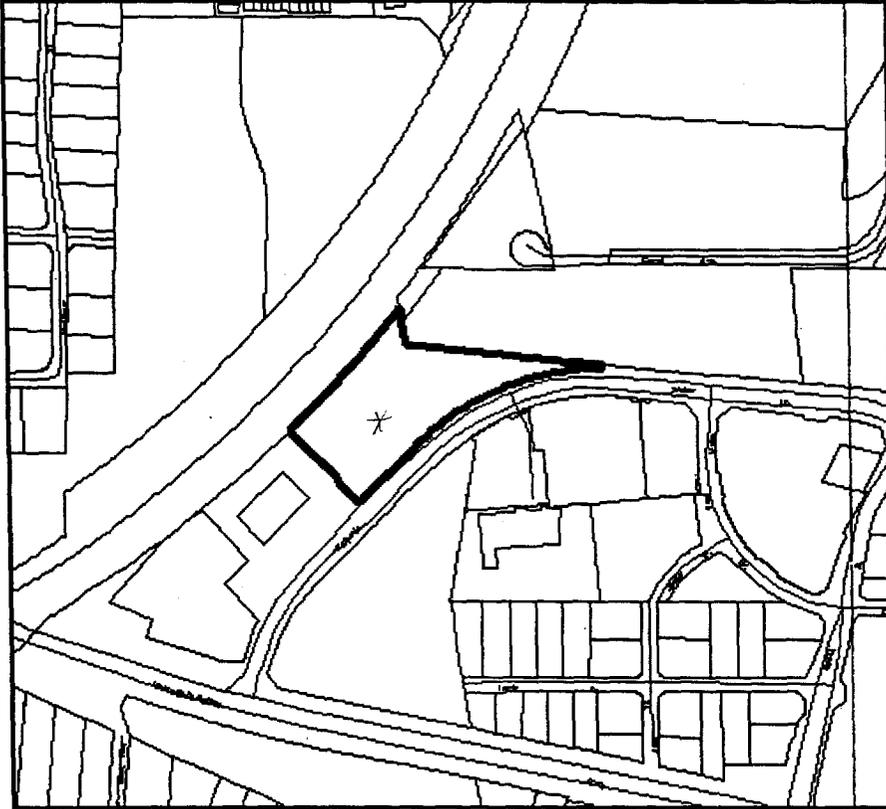
Respectfully submitted,

A handwritten signature in cursive script that reads "Nathan B. Campbell".

Nathan B. Campbell
Smartlink, LLC for T-Mobile Northeast LLC

MAP #: 0911 01 0011B2
METROPARK 2345 LLC

N/A



Aerial Imagery © 2007 Commonwealth of Virginia

Source: Fairfax County Department
of Tax Administration, Real Estate Division.

**MAP #: 0911 01 0011B2
METROPARK 2345 LLC**

N/A

Owner

Name METROPARK 2345 LLC,
Mailing Address 601 13TH ST NW SUITE 700N WASHINGTON DC
20005
Book 19815
Page 1438

Parcel

Property Location
Map # 0911 01 0011B2
Tax District 4T000
District Name LEE TRANSPORTATION
Land Use Code General med/hi rise off (= > 5 stories)
Land Area (acreage)
Land Area (SQFT) 223,855
Zoning Description PDC(Planned Dev Commercial)
Utilities

County Historic Overlay District NO
For further information about Historic Overlay Districts, Click here

Street/Road
Site Description

Legal Description

Legal Description PROP OF MPE LLC
PCL 11-B2

Sales History

Date	Amount	Seller	Buyer
03/05/2008		\$0 CSHV METRO PARK LLC	METROPARK 2345 LLC
04/13/2006	\$198,375,000	MPE 6354 LLC	CSHV METRO PARK LLC
09/18/2001	\$0		MPE 6354 LLC
05/11/2000	\$0	O'BRIEN JOSEPH J JR TR	MPE LLC

Sales

Date 03/05/2008
Amount \$0
Seller CSHV METRO PARK LLC
Buyer METROPARK 2345 LLC
Notes No consideration - multi-parcel
Deed Book and Page 19815-1438

1 of 4

Values

Current Land \$3,888,660
Current Building \$30,652,660
Current Assessed Total \$34,541,320
Tax Exempt NO
Note

Values History

Tax Year	Land	Building	Assessed Total	Tax Exempt
2009	\$3,888,660	\$30,652,660	\$34,541,320	NO

2008	\$3,888,660	\$33,497,850	\$37,386,510	NO
2007	\$3,888,660	\$32,884,910	\$36,773,570	NO
2006	\$3,110,930	\$28,428,430	\$31,539,360	NO
2005	\$2,592,000	\$21,406,040	\$23,998,040	NO
2004	\$2,659,395	\$19,000,460	\$21,659,855	NO
2003	\$2,659,395	\$18,374,775	\$21,034,170	NO
2002	\$2,659,395	\$19,175,930	\$21,835,325	NO
2001	\$2,659,395	\$7,125,870	\$9,785,265	NO

Structure

Property Name 6354 WALKER LA.- METROPARK III
Land Use Code Low Rise Office(< = 4 stories)
Year Built 2001
Gross Floor Area 133,312
Units (if applicable)
Stories 5
Construction Type Metal/Steel Frame
Exterior Walls Brick/Insulite
Floor Concrete
Roof Rubber Membrane
Elevator 3
Element # E03656003
Note THIS COMMERCIAL PROPERTY MAY BE
COMPRISED OF MORE THAN ONE TAX MAP
PARCEL. IF SO, THE ADDITIONAL TAX MAP
PARCEL(S) WILL BE LISTED BELOW.

Associated Parcels**Structure Summary**

Property Name	Land Use Code	Year Built	GFA	Units
6354 WALKER LA.- METROPARK III	Low Rise Office(< = 4 stories)	2001	133,312	

Structure Size

Above Grade Living Area Total
Sq. Ft
Basement Garage # Cars

General Information**Need Help?**

For questions and requests for information about the Real Estate site, call 703-222-8234 or [CLICK HERE](#)

Disclaimer

Under Virginia State law these records are public information. Display of this information on the Internet is specifically authorized by Va. Code 58.1-3122.2 (1998). See the Virginia State Code to read the pertinent enabling statute.

If you believe any data provided is inaccurate or if you have any comments about this site, we would like to hear from you. Owner names will be withheld from the Internet record upon request. Comments or requests may be made via e-mail to the Real Estate Division at Real Estate Division or by phone at (703) 222-8234.

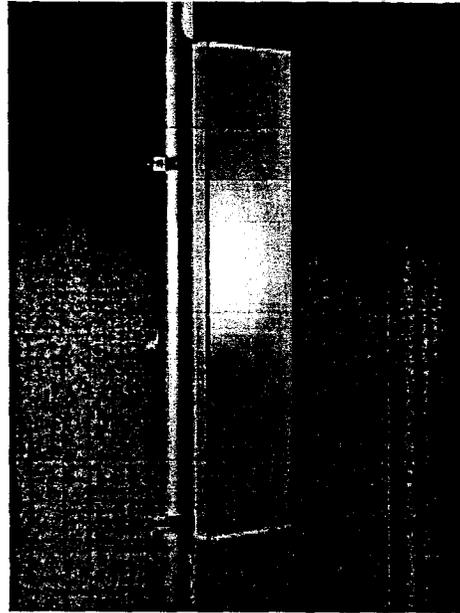
While Fairfax County has attempted to ensure that the data contained in this file is accurate and reflects the property's characteristics, Fairfax County makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of this data. Fairfax County does not assume any liability associated with the use or misuse of this data.



Optimizer® Panel Dual Polarized Antenna

Product Description

Gathering two X-Polarised antennas in a single radome this pair of variable tilt antenna provides exceptional suppression of all upper sidelobes at all downtilt angles. It also features a wide downtilt range with optional remote tilt.



Features/Benefits

- Variable electrical downtilt - provides enhanced precision in controlling intercell interference. The tilt is infield adjustable 0-10 deg.
- High Suppression of all Upper Sidelobes (Typically <-20dB).
- Optional remote tilt - can be retrofitted.
- Two X-Polarised panels in a single radome.
- Dual polarization.
- Low profile for low visual impact.
- Broadband design.

Technical Features

Frequency Band	PCS 1900 (1850-1990 MHz)
Horizontal Pattern	Directional
Antenna Type	Panel Dual Polarized
Electrical Down Tilt Option	Variable
Gain, dBi (dBd)	17.8 (15.8) , 17.8 (15.8)
Frequency Range, MHz	1850-1990 , 1850-1990

All information contained in the present datasheet is subject to confirmation at time of ordering.

RFS The Clear Choice™	APX16PV-16PVL-E	Print Date: 25.05.2005
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Optimizer® Panel Dual Polarized Antenna

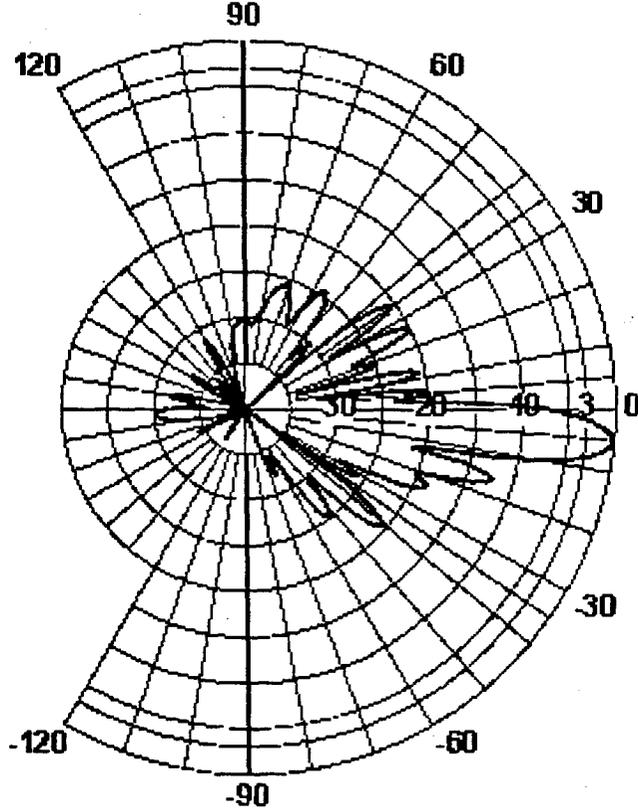
Connector Type	(4) 7-16 DIN Female
Connector Location	Bottom
Mount Type	Downtilt Kit w/Scissor Kit
Electrical Downtilt, deg	0-10 , 0-10
Horizontal Beamwidth, deg	66 , 66
Mounting Hardware	APM40-2 + APM40-E2
Rated Wind Speed, km/h (mph)	160 (100)
VSWR	< 1.5:1
Vertical Beamwidth, deg	6.6
1st Upper Sidelobe Suppression, dB	> 17 (typically > 20)
Upper Sidelobe Suppression, dB	> 18 all (typically > 20)
Polarization	Dual pol +/-45°
Front-To-Back Ratio, dB	> 25
Maximum Power Input, W	300
Isolation between Ports, dB	> 30
Lightning protection	Direct Ground
3rd Order IMP @ 2 x 38 dBm, dBc	> 160
Overall Length, m (ft)	1.35 (4.42)
Dimensions - HxWxD, mm (in)	1349 x 330 x 80 (53 x 12.9 x 3.1)
Weight w/o Mtg. Hardware, kg (lb)	18.0 (39.6)
Radiating Element Material	Brass
Radome Material	Fiberglass
Reflector Material	Aluminum
Max Wind Loading Area, m ² (ft ²)	0.64 (6.6)
Maximum Thrust @ Rated Wind, N (lbf)	787 (177)
Shipping Weight, kg (lb)	24.1 (52.7)
Packing Dimensions, HxWxD, mm (in)	1550 x 420 x 210 (61 x 16.5 x 8.3)
Survival Wind Speed, km/h (mph)	200 (125)

All information contained in the present datasheet is subject to confirmation at time of ordering.



Vertical Pattern

(This is a general representation of the antenna family pattern. For the latest detailed pattern contact Applications Engineering. You may also download the CELplot(TM) pattern reader and antenna pattern data fields from our website.)



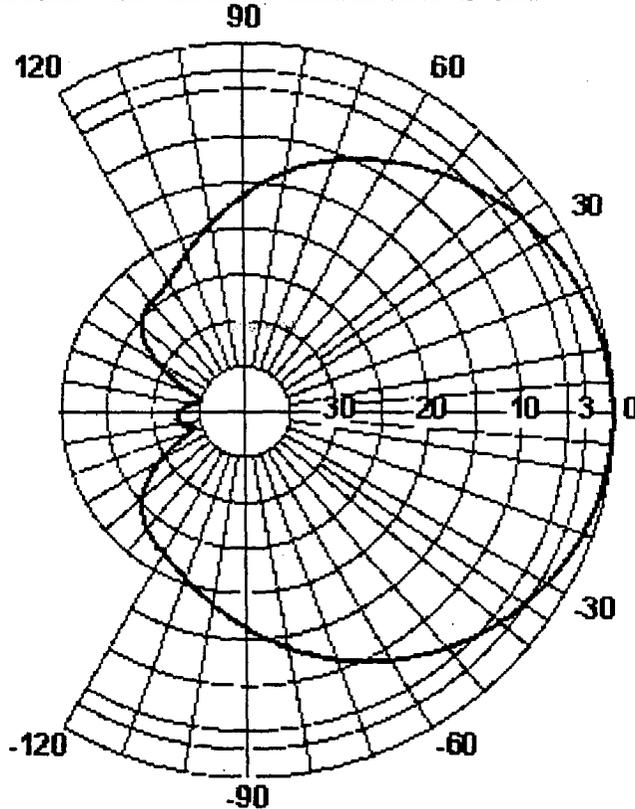
All information contained in the present datasheet is subject to confirmation at time of ordering.



Optimizer® Panel Dual Polarized Antenna

Horizontal Pattern

(This is a general representation of the antenna family pattern. For the latest detailed pattern contact Applications Engineering. You may also download the CELplot(TM) pattern reader and antenna pattern data fields from our website.)



All information contained in the present datasheet is subject to confirmation at time of ordering.

ROOF AREA = 26,802 sq ft

entrex
 communication services, inc.
 1070 Eye Street, N.W., Suite 200
 WASHINGTON, D.C. 20004
 PHONE: (202)462-4000
 FAX: (202)462-0001

SUBMITTALS		
DATE	REVISION	BY
05-20-03	ISSUE SET	
05-20-03	FINAL ISSUE	

COMMONWEALTH OF VIRGINIA
[Signature]
 JOHN CABOT GOODY
 No. 016
 PROFESSIONAL ENGINEER

OMNIPONT
 Architectural Consultants/Planners
 CAP Consultants, LLC
 7300 BALTIMORE AVENUE
 BELTSVILLE, MD 20705
 PHONE: (301) 264-0000

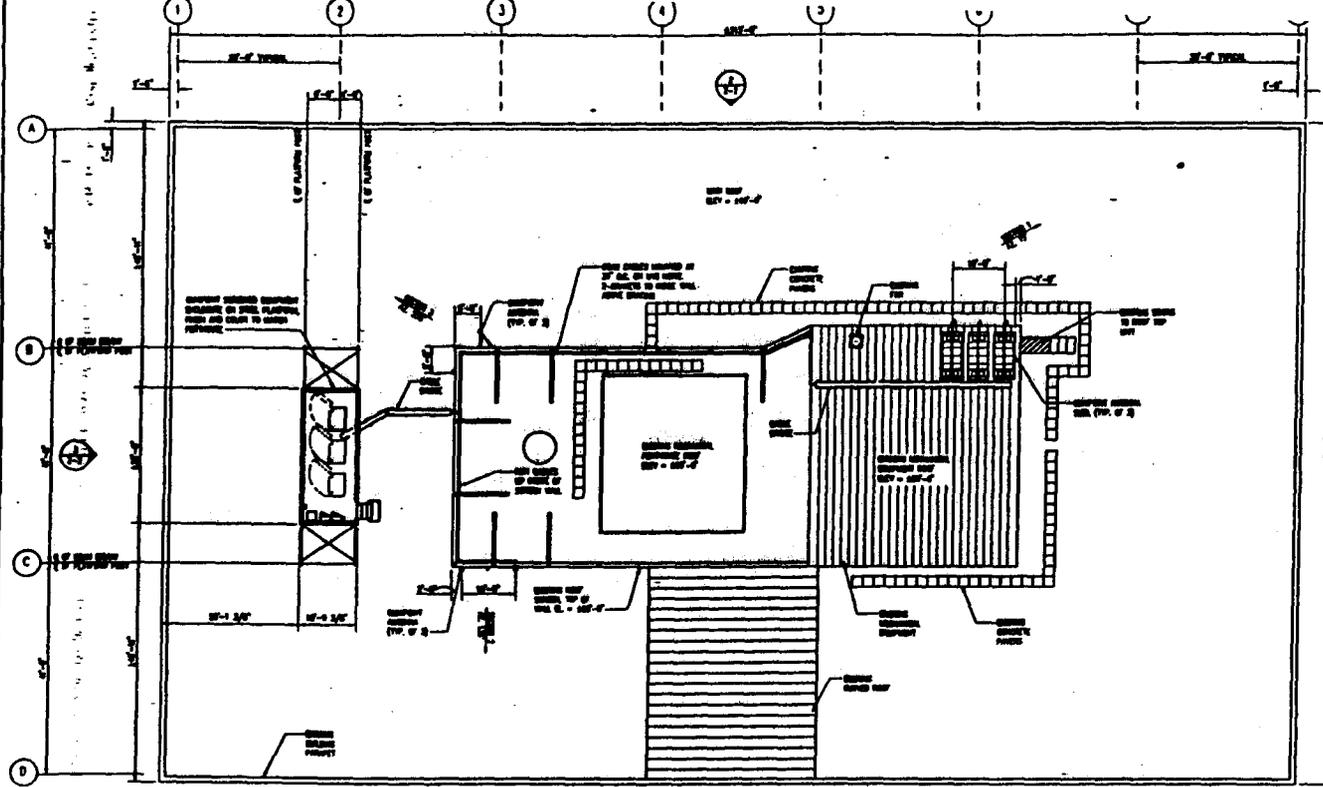
PROJECT NO. 1042.018
 DESIGNER: W.A.
 CHECKER: C.S.

SCALE:
 GRAPHIC SCALE IN INCHES

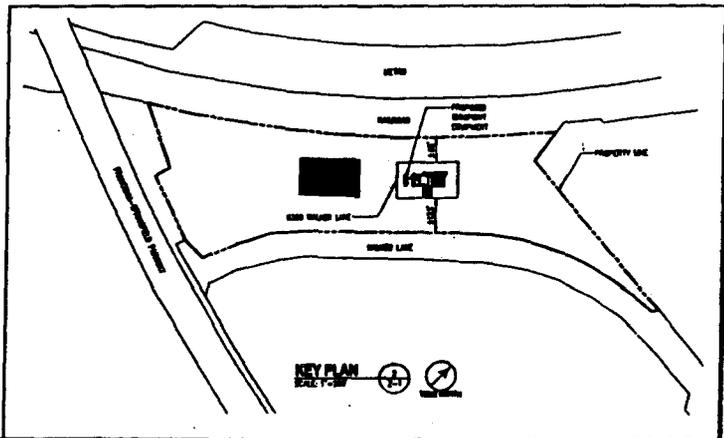
WAC-163D
 FRIED COMPANIES
 METRO OFFICE PARK
 6354 WALKER LANE
 ALEXANDRIA, VA

TITLE:
**ROOF AND
 EQUIPMENT
 LOCATION PLAN**

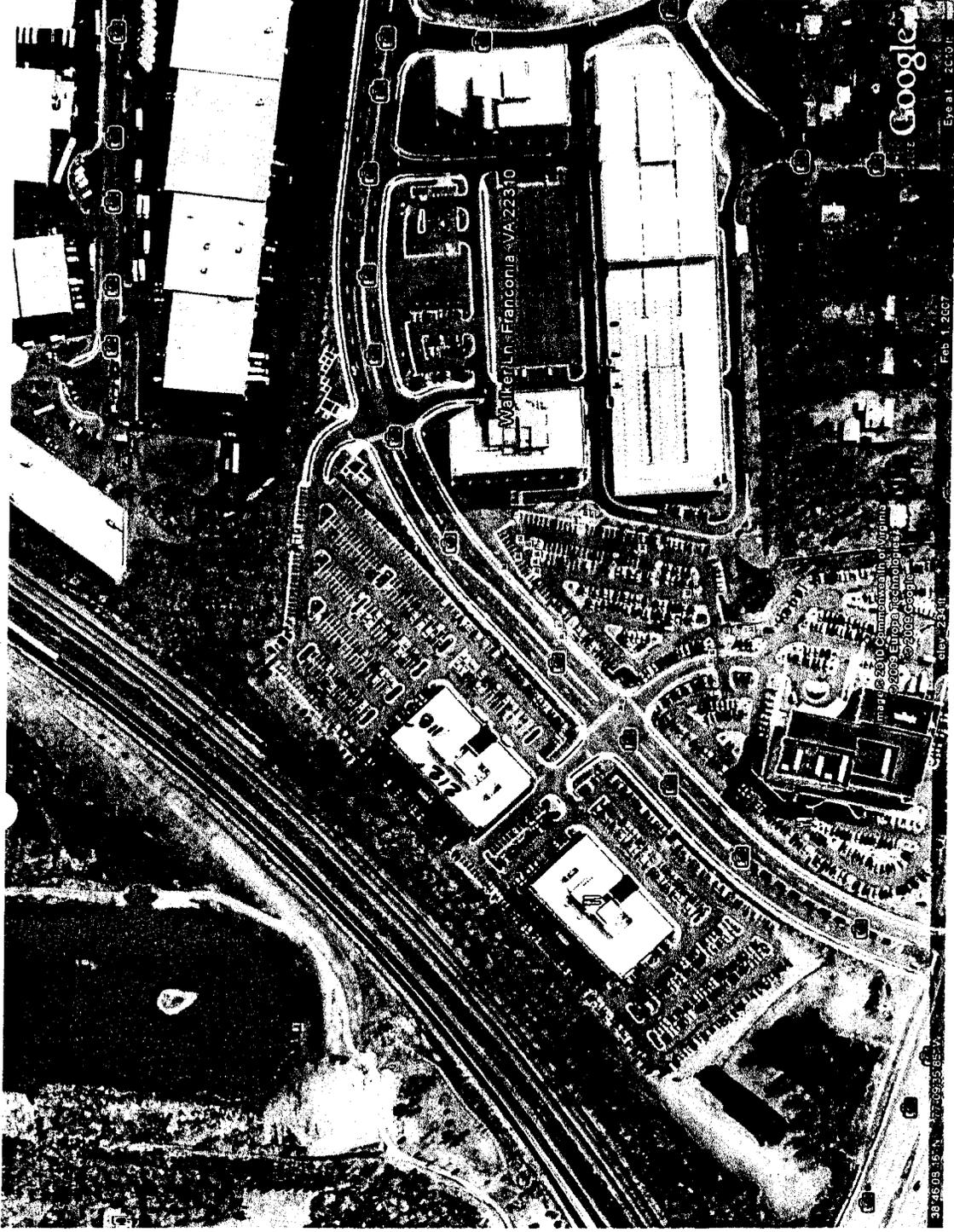
SHEET NUMBER:
Z-1



ROOF PLAN
 SCALE: 1/8" = 1'-0"



KEY PLAN
 SCALE: 1/8" = 1'-0"



Google

EyeAlt 2207

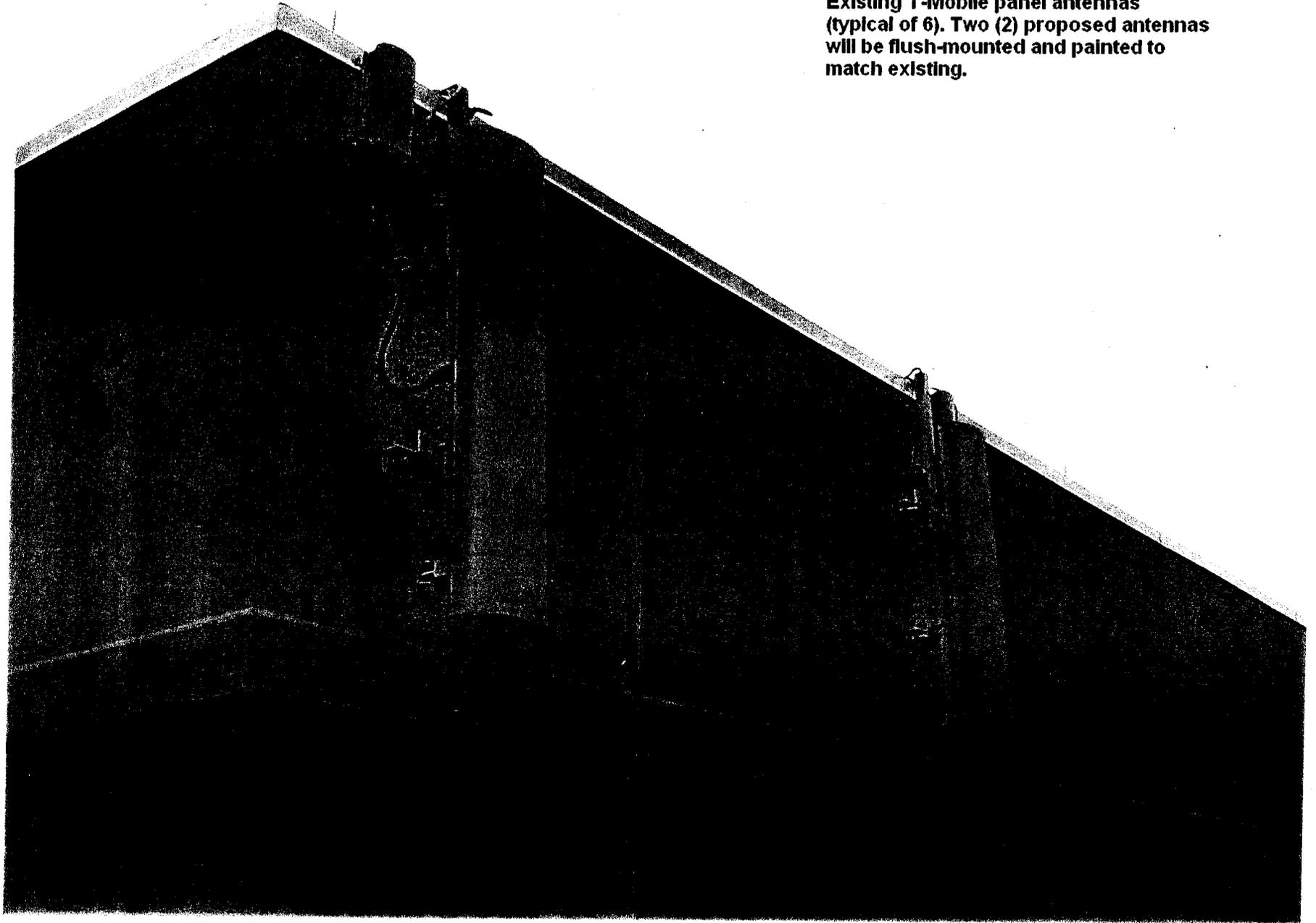
Feb 1 2007

0167 3311

38 46 05 45 N 77 09 32 85 W

map © 2007 Columbia University
© 2007 Earthstar Technologies
© 2006 Google

**Existing T-Mobile panel antennas
(typical of 6). Two (2) proposed antennas
will be flush-mounted and painted to
match existing.**



3610

25,016

14.43%

ROOF AREA ANALYSIS

TOTAL ROOF AREA:	48,000 ± S.F.
PENTHOUSE AREA:	8790 S.F. (18%)
TELECOM EQUIP. AREA:	300 ± S.F. (0.6%)
OTHER EQUIP. AREA:	300 ± S.F. (0.6%)
TOTAL COVERAGE:	3810 ± S.F. (7.8%)

NOTE:

THE PROPOSED T-MOBILE ANTENNA, ANDREW MODEL# TMBX-8516-R2M (59.0'x11.9'x6.3') IS IDENTICAL IN SIZE AND APPEARANCE TO THE EXISTING ANTENNA, ANDREW MODEL# TMBX-8516-R2M (59.0'x11.9'x6.3'). THE PROPOSED T-MOBILE ANTENNAS WILL BE MOUNTED AT THE EXISTING T-MOBILE ANTENNA CENTERLINE AND SHALL NOT EXCEED THE HEIGHT OF THE EXISTING ANTENNAS.

T-MOBILE NORTHEAST LLC

1400 BELL STREET, SUITE 200, ALEXANDRIA, VA 22304



smartlink, LLC

1740 COMMONWEALTH AVE STE 102, ALEXANDRIA, VA 22304



SUPPORT ENGINEERING, LLC

9000 BELMONT ROAD, SUITE 200, ALEXANDRIA, VA 22304

SUBMITTALS

DATE	REVISION	BY
11/20/09	ISSUE	
12/11/09	REVISED	
12/15/09	REVISED	

REV.	DATE	DESCRIPTION

PROJECT NO: SLD117-09
 DRAWN BY: ML
 CHECKED BY: DB



PROFESSIONAL SEAL

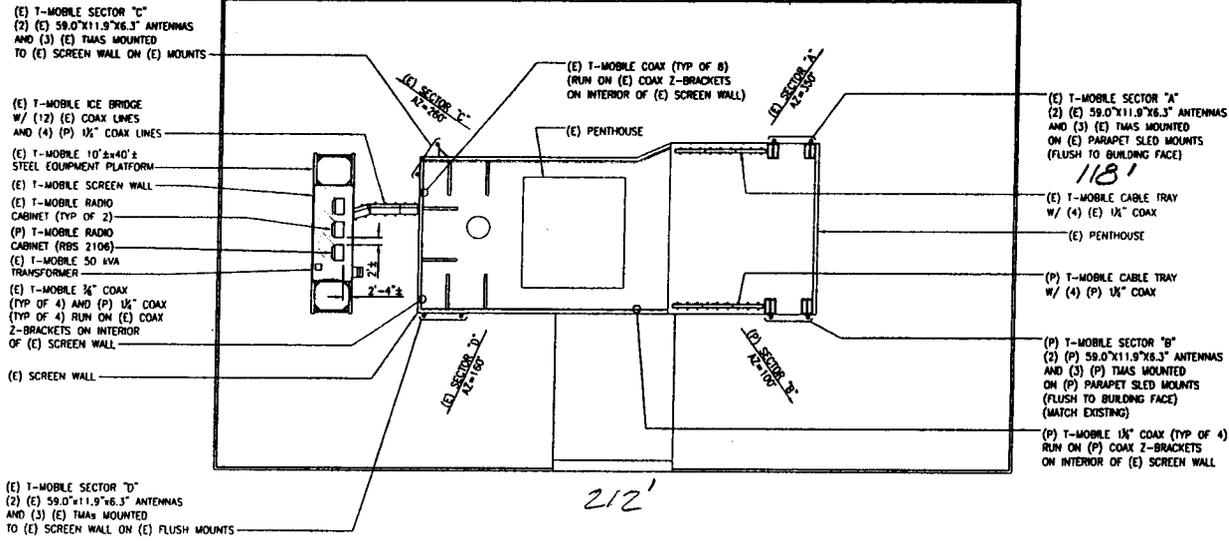
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NOTE: IF DRAWING IS IT GRAPHICAL SCALE AND, THE NOTED SCALE.

SITE NAME
7WAC163D
 FRIED - ALEXANDRIA
 8334 WALKER LANE
 ALEXANDRIA, VA 22310
 FARRFAX COUNTY

SHEET TITLE
ROOF PLAN

SHEET NUMBER
Z-2
 SHEET 3 OF 5 SHEETS

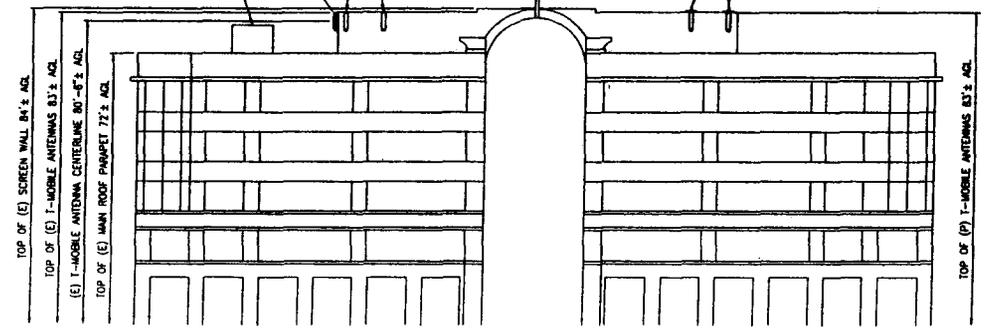


1 ROOF PLAN
 Z-2 SCALE: 1"=16'-0"



- (E) T-MOBILE SECTOR "D"
- (2) (E) 59.0"x11.9"x6.3" ANTENNAS AND (3) (E) TMS MOUNTED TO (E) SCREEN WALL ON (E) MOUNTS
- (E) T-MOBILE SECTOR "C"
- (2) (E) 59.0"x11.9"x6.3" ANTENNAS AND (3) (E) TMS MOUNTED TO (E) SCREEN WALL ON (E) MOUNTS
- (E) T-MOBILE STEEL EQUIPMENT PLATFORM (W/ SCREEN WALL)

- (P) T-MOBILE SECTOR "B"
- (2) (P) 59.0"x11.9"x6.3" ANTENNAS AND (3) (P) TMS MOUNTED ON (P) PARAPET SLED MOUNTS (FLUSH TO BUILDING FACE) (MATCH EXISTING)



1 WALKER LANE / EAST ELEVATION
2-3 SCALE: 1/16"=1'-0"

NOTE:
THE PROPOSED T-MOBILE ANTENNA, ANDREW MODEL# TMBXX-6516-R2M (59.0"x11.9"x6.3") IS IDENTICAL IN SIZE AND APPEARANCE TO THE EXISTING ANTENNA, ANDREW MODEL# TMBXX-6516-R2M (59.0"x11.9"x6.3"). THE PROPOSED T-MOBILE ANTENNAS WILL BE MOUNTED AT THE EXISTING T-MOBILE ANTENNA CENTERLINE AND SHALL NOT EXCEED THE HEIGHT OF THE EXISTING ANTENNAS.

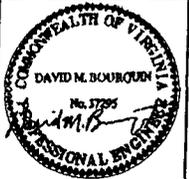
T-MOBILE NORTHEAST LLC
1000 OLD BEAVER AVENUE, SUITE 100, FALLS CHURCH, VA 22046
TEL: 703.241.8800 FAX: 703.241.8801



SUBMITTALS	
DATE	REVISION
11/20/16	ISSUE
12/15/16	REVISED
12/16/16	ISSUE

REV	DATE	BY	REVISION
01			
02			
03			
04			

PROJECT NO: SL0117-08
DRAWN BY: ML
CHECKED BY: DB



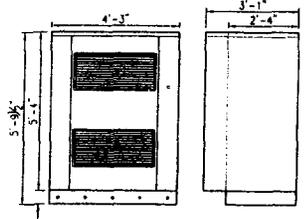
PROFESSIONAL SEAL
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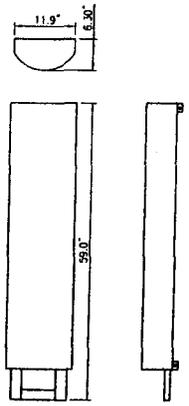
SITE NAME
7WAC183D
FRIED - ALEXANDRIA
8534 WALKER LANE
ALEXANDRIA, VA 22310
FAIRFAX COUNTY

SHEET TITLE
EAST ELEVATION

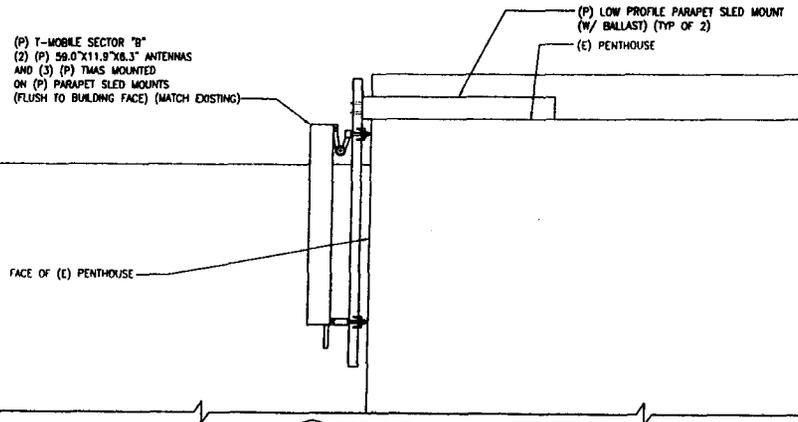
SHEET NUMBER
Z-3
SHEET 4 OF 5 SHEETS



2 RADIO CABINET DETAIL
2-3 SCALE: 1/2"=1'-0"



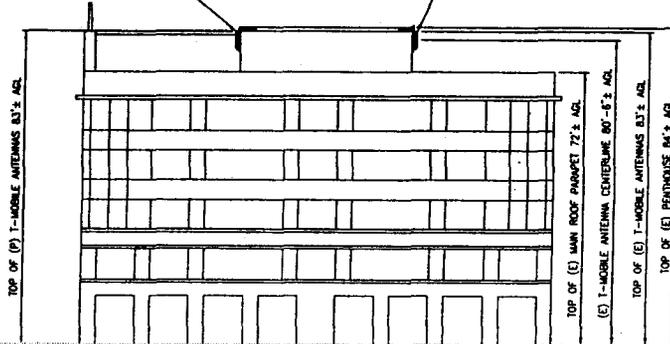
3 ANTENNA DETAIL
2-3 SCALE: 1"=1'-0"



4 PARAPET ROOF MOUNT DETAIL
2-3 SCALE: 3/4"=1'-0"

(P) T-MOBILE SECTOR "B"
 (2) (P) 59.0"x11.9"x6.3" ANTENNAS
 AND (3) (P) TMS MOUNTS
 ON (P) PARAPET SLED MOUNTS
 (FLUSH TO BUILDING FACE) (MATCH EXISTING)

(E) T-MOBILE SECTOR "A"
 (2) (E) 59.0"x11.9"x6.3" ANTENNAS
 AND (3) (E) TMS MOUNTS
 ON (E) PARAPET SLED MOUNTS
 (FLUSH TO BUILDING FACE)



1 NORTH ELEVATION
 2-4 SCALE: 1/16"=1'-0"



NOTE:

THE PROPOSED T-MOBILE ANTENNA, ANDREW MODEL# TMSX-6516-R2M (59.0"x11.9"x6.3") IS IDENTICAL IN SIZE AND APPEARANCE TO THE EXISTING ANTENNA, ANDREW MODEL# TMSX-6516-R2M (59.0"x11.9"x6.3"). THE PROPOSED T-MOBILE ANTENNAS WILL BE MOUNTED AT THE EXISTING T-MOBILE ANTENNA CENTERLINE AND SHALL NOT EXCEED THE HEIGHT OF THE EXISTING ANTENNAS.

T-MOBILE NORTHEAST LLC

17000 PARKWAY ROAD, SUITE 200, ALEXANDRIA, VA 22304
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smartlink, llc

74 CROSSBOW ROAD, SUITE 200, ALEXANDRIA, VA 22304
 (703) 700-0000 FAX (703) 700-0001



SUPPORT ENGINEERING, L.L.C.

7 OLD BURNING BRIDGE ROAD
 MANASSAS, VA 20108
 (571) 571-1970

SUBMITTALS	
REV	DATE
11/20/09	REVISED
12/14/09	REVISED
12/16/09	REVISED

REV	DATE	APP'D	REVISIONS

PROJECT NO: SL0117-09
 DRAWN BY: ML
 CHECKED BY: DB



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SITE NAME
7WAC163D
 FRIED - ALEXANDRIA
 654 WALKER LAKE
 ALEXANDRIA, VA 22310
 FAIRFAX COUNTY

SHEET TITLE
NORTH ELEVATION

SHEET NUMBER
Z-4
 SHEET 5 OF 5 SHEETS