

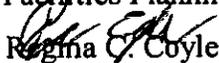


# County of Fairfax, Virginia

## MEMORANDUM

DATE: August 1, 2007

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

**FROM:**   
Regina C. Coyle, Director  
Zoning Evaluation Division, DPZ

**SUBJECT:** Proposed Telecommunications Facility by Sprint  
Tax Map 60-2 ((33)) 1A: 3435 Sleepy Hollow Road

This is in response to a request for a determination as to whether the proposed modifications by Sprint to the existing telecommunications facility located at 3435 Sleepy Hollow Road, would be in substantial conformance with the development conditions imposed by the Board of Supervisors in conjunction with the approval of Special Exception SE 2002-MA-003 on January 6, 2003 to permit the addition of a land based telecommunications facility (monopole) to an existing church and child care center. As described in the application dated March 14, 2007, by James R. Michal, and two addendum letters with photo simulations and illustrations dated June 26, 2007, and July 24, 2007, six (6) panel antennas (each 48 inches high x 12 inches wide x 7 inches deep) and three (3) panel antennas (each 56 inches high x 8 inches wide x 2.75 inches deep) are proposed to replace the nine (9) existing panel antennas (each 57.8 inches high x 6.8 inches wide x 3.5 inches deep) mounted at 107 feet. Also proposed are one (1) equipment cabinet (93 inches high x 48 inches wide x 35 inches deep) and one (1) battery cabinet (31 inches x 45 inches x 97 inches) to be added within the existing fenced equipment compound. Additional branches are proposed to be added to the treepole and green covers added to the panel antennas to provide additional screening. A copy of the 2232 telecommunications application and addendum letters are attached, including illustrations, plans and detailed information for the proposed locations of the telecommunications facility and equipment.

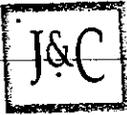
The Zoning Administration Division has determined that a telecommunications facility, as described above, is a permitted use pursuant to the provisions of Sect. 2-514 of the Zoning Ordinance provided that it is determined to be in substantial conformance with any applicable special exception. It is my determination that the proposed antennas and equipment cabinets are in substantial conformance with SE 2002-MA-003 provided antenna covers and additional false branches are provided to minimize the visual impact of the proposed antennas. Please note that this proposal is subject to 2232 review requirements and that Sprint's ability to proceed is dependent upon the pending 2232 being approved 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.

RCC/O:\clee01\Act Assign\Antennas\3435 Sleepy Hollow Sprint

Attachments: A/S

cc: Penelope A. Gross, Supervisor, Mason District  
Janet R. Hall, Planning Commissioner, Mason District  
Diane E. Johnson-Quinn, Deputy Zoning Administrator, Permit Review Branch, ZAD, DPZ  
Ken Williams, Plan Control, Land Development Services, DPWES  
Kevin Guinaw, Chief, Special Projects/Applications Management Branch, ZED, DPZ  
James R. Michal, Jackson & Campbell, 1120 20<sup>th</sup> St. NW, South Tower, Washington DC 20036  
File: SE 2002-MA-003, ANT 0704 015, Imaging, Reading

Department of Planning and Zoning  
12055 Government Center Parkway, Suite 801  
Fairfax, Virginia 22035-5509  
Phone 703 324-1290  
FAX 703 324-3924  
[www.fairfaxcounty.gov/dpz/](http://www.fairfaxcounty.gov/dpz/)



**JACKSON & CAMPBELL**

A Professional Corporation

ATTORNEYS AT LAW

1120 Twentieth Street, N.W.  
South Tower  
Washington, D.C. 20036-3437  
202-457-1600  
Fax: 202-457-1678  
www.jackscamp.com

JAMES R. MICHAL  
202-457-1652  
jmichal@jackscamp.com

March 14, 2007

David B. Marshall, Chief  
Fairfax County Department of Planning and Zoning  
Herrity Bldg.  
12055 Government Center Parkway  
Suite 730  
Fairfax, VA 22035

**Re: Sprint (APC)  
Sleepy Hollow United Methodist Church, 3435 Sleepy Hollow Rd.  
Approved SE 2002-MA-003 and 2232-MO2-8**

Dear David:

Enclosed please find 2232 Application with supporting documentation for an amendment to the existing 2232-MO2-8 so as to allow a substitution of antennas and cabinet addition.

Also, I am writing to confirm that Sprint's proposed substitution of antennas and cabinet addition are permitted, consistent with and in substantial conformance with the approved special exception at the Sleepy Hollow Methodist Church, located at 3435 Sleepy Hollow Road.

The chart below shows the current SE 2002MA-003 and 2232 MO2-8 antenna approvals for this Applicant along with the proposed substitutions:

Approved Antennas	9 panel measuring 57.8"l x 6.8"w x 3.5"d
Proposed Antenna Substitution	6 panel measuring 48"l x 12"w x 7" 3 panel measuring 56"l x 8"w x 2.75"d

While the overall size of the substitute antennas is slightly larger than the approved antenna size, it is of no visual consequence or impact when one considers that the antennas are to be installed on a 110' high treepole whose branches will screen the antennas along with the surrounding natural tree buffer. Accordingly, I believe that these small antennas being accessory to the large treepole structure are in substantial conformance with the approved special exception. Clearly they meet the criteria for a minor modification. I've attached specification sheets for the two antenna types. Also, it is to be noted that Section 2.514 1.D of the Zoning

David B. Marshall, Chief  
Fairfax County Department of Planning and Zoning  
March 14, 2007  
Page 2

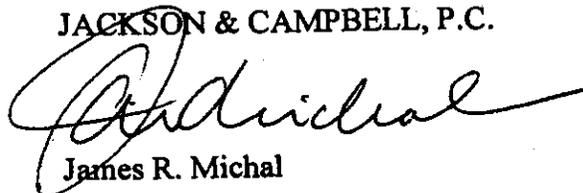
Ordinance permits as a matter of right larger size panel antennas up to 6' in height and 2' in width on existing monopoles.

As for the proposed cabinet additions, the current approvals allow for 5 equipment cabinets of no specified dimensions on concrete piers. The footprint of this cabinet layout measures approximately 15'3"l x 3'w for a total of 45'  $\frac{3}{4}$  square feet. Sprint currently has one radio cabinet at the site measuring 36" x 36"w x 72"h and one battery cabinet measuring 30" x 30" x 60". It proposes adding two cabinets, one radio cabinet will measure 35" x 48"w x 93"h and one battery cabinet will measure 31" x 45" x 97" h. When added together these four cabinets will have a footprint smaller than the approved five (5) cabinet footprint. In addition, the cabinets are screened behind a 8' high wood fence which is set back approximately 350' from Sleepy Hollow Road, making it virtually unseen by the public. I have enclosed copies of the antenna and cabinet specs, a site drawing and photos of the compound.

I'll be happy to meet with you to answer any questions which you may have. Thank you.

Very truly yours,

JACKSON & CAMPBELL, P.C.



James R. Michal

**COUNTY OF FAIRFAX, VIRGINIA**  
**APPLICATION FOR DETERMINATION**  
**PURSUANT TO**  
**SECTION 15.2 – 2232 OF THE CODE OF VIRGINIA**

(Please Type or Print All Requested Information)

APPLICATION NO.: NA  
(To be assigned by staff)

**APPLICANT(S):**

Name of Applicant: Sprint

Applicant's Street Address: 6716 Alexander Bell Drive, Suite 230

City/Town: Columbia State: MD Zip Code: 21046

Name of applicant's agent/contact (if applicable): James R. Michal

Telephone Number: Work 202-457-1652 Fax 202-457-1625

E-mail address: jmichal@jackscamp.com

Agent's Street Address: 1120 20<sup>th</sup> Street, NW, Suite 300

City/Town: Washington State: DC Zip Code: 20036

Telephone Number: Work 202-457-1652 Fax 202-457-1625

**PROPOSED USE:**

Facility Name VA2195 / WA23XC410

Proposed use is (check one):

Public area

Public building or structure

Public utility or public service corporation facility including telecommunications uses

Other: \_\_\_\_\_

Street Address of Use: 3435 Sleepy Hollow Road

City/Town Falls Church State VA Zip Code 22042

Fairfax County Tax Map Number 060-2-33-0001-A

Brief Description of Proposed Use:

Replace approved existing antennas with (9) new antennas on an existing tree pole (monopine).

Install a new radio cabinet measuring 35" x 48"w x 93"h and one battery cabinet measuring 31" x 45" x 97" h on a new concrete pad.

Install new coaxial cables between equipment cabinets and antennas.

Total area or portion of subject parcel(s)/lot(s) 5.0357 (acres)

Portion of site on which proposed new use located (existing fenced compound)

Dimensions and height of proposed use See above.

OWNER(S) OF RECORD

Street Address 3435 Sleepy Hollow Road

City/Town Falls Church State VA Zip Code 22044

COUNTY SUPERVISOR DISTRICT: Mason District 1

CURRENT ZONING OF PROPERTY: R-2

LIST ALL APPLICABLE PROFFER CONDITIONS, DEVELOPMENT PLANS, SPECIAL EXCEPTIONS, SPECIAL PERMITS OR VAIANCES RELATED TO THIS SITE:

SE 2002-MA-003

2232 MO2-8

PLANNED USE OF PROPERTY (as shown on Comprehensive Plan):  
Church



REQUEST FOR SECTION 2232 REVIEW  
STATEMENT OF JUSTIFICATION

Applicant: Sprint  
Site: Sleepy Hollow Methodist Church  
Sprint Site #: VA2195/WA23XC410  
Property Address: 3435 Sleepy Hollow Road, Falls Church, VA 22044

Introduction

The applicant, Sprint, is in the process of modifying their existing wireless telecommunication network facilities in the area. Due to the merger of Sprint and Nextel, Sprint is modifying its existing facilities to include both CDMA (Sprint) and IDEN (Nextel) technologies. The modifications will provide coverage to Sprint's customers who use either or both of these wireless technologies. Sprint seeks a 2232 Review to allow the modifications at its existing site on a portion of the property (Parcel ID # 060-2-33-0001-A). The existing site includes a Global Signal-owned treepole at the base of which Sprint has one equipment cabinet and one battery backup cabinet within a fenced 600 square foot compound. Sprints seeks approval to replace the existing panel antennas on the tower with nine new antennas and to install two new cabinets, one being a radio cabinet measuring 35" x 48"w x 93"h and one being a battery cabinet measuring 31" x 45" x 97" h within the existing fenced area. The antennas will be mounted at 107 feet above ground level – the same height as the existing antennas. There will be no increase to the size of the compound at the base of the tower.

Project Description and Need

As an FCC licensee, Sprint is committed to providing seamless tele-communications to its users. This commitment requires the modifications requested in this request. The approval of this request will eliminate the need to locate a new facility in order to provide both Sprint technologies.

The site will serve traffic along Sleepy Hollow Road and the surrounding residential and commercial area in a radius of approximately 1 mile.

Antenna Description

There will be a total of nine antennas installed with this modification. Six antennas will be of dimensions 48 inches high by 12 inches wide by 7 inches deep. Three antennas will be of dimensions 56 inches high by 8 inches wide by 2.75 inches deep.

Equipment Description

There will be two additional equipment cabinets installed within the existing fenced compound as noted above. Nine new lines of coaxial cable that is 1 5/8 inches in diameter will be added between the new equipment cabinet and the antennas.

**APPLICATION FORM B**

**TELECOMMUNICATION PROPOSAL  
PROJECT DESCRIPTION SUMMARY**

APPLICANT: General Dynamics for Sprint/Nextel

APPLICATION IS (check one):

New structure (monopole or tower or camouflaged facility)

Placement on building façade

Placement on building rooftop

Collocation on other existing telecommunications structure (monopole or tower)

Collocation on other structure (non-building such as a Virginia Power tower or pole or a water tower etc.)

Amendment to previously approved telecommunications facility:

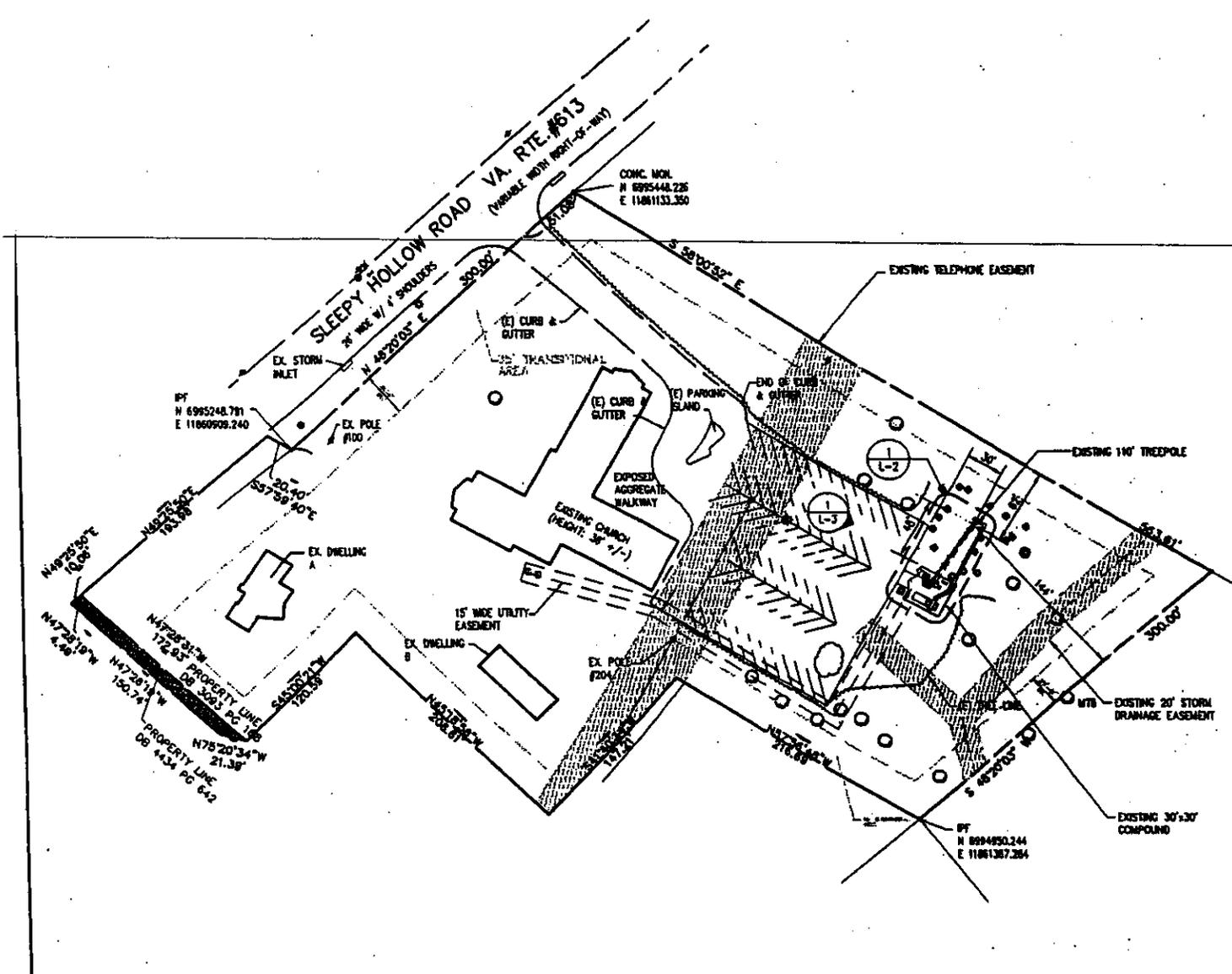
prior application number: SE 2002-MA-0003

date of approval: 11/14/02

PROJECT DETAILS:

1. Number and all dimensions (height, width, depth, diameter) and a description of the type and wattage of the antenna:  
(6) panel antennas; dimensions: 48" high x 12" wide x 7" deep, wattage: 20  
(3) panel antennas; dimensions: 56" high x 8" wide x 2.75" deep, wattage: 51.5
2. Number and all dimensions and a description of the type of equipment cabinet or structure; (width, length, height and square footage) including the height of platforms, if any:  
Sprint proposes to install two cabinets, one being a radio cabinet measuring 35" x 48" w x 93" h and one battery cabinet measuring 31" x 45" x 97" h.
3. Material and color of the antenna and antenna mounting:  
The antennas will be mounted on metal brackets on the tower and are white in color.
4. Material and color of the related equipment cabinet or structure:  
The proposed equipment cabinets are grey/cream in color.
5. Height, material and color of the structure on which the antennas will be mounted:  
The antennas will be mounted on the tree pole at 107 feet above ground level (same height as the existing Sprint antennas). The tower is 110 feet in height and is designed to replicate a pine tree; the tower is finished in a material that looks like bark, including "branches" with "pine needles".





**SITE PLAN**  
SCALE: 1"=10'




1575 Eye Street, N.W. Suite 350  
WASHINGTON, D.C. 20005  
PHONE: (202)408-0960  
FAX: (202)408-0961

SUBMITTALS		
DATE	DESCRIPTION	REV.
09-26-06	LEASE EXHIBIT	
10-19-06	LEASE EXHIBIT	
03-01-07	LEASE EXHIBIT	

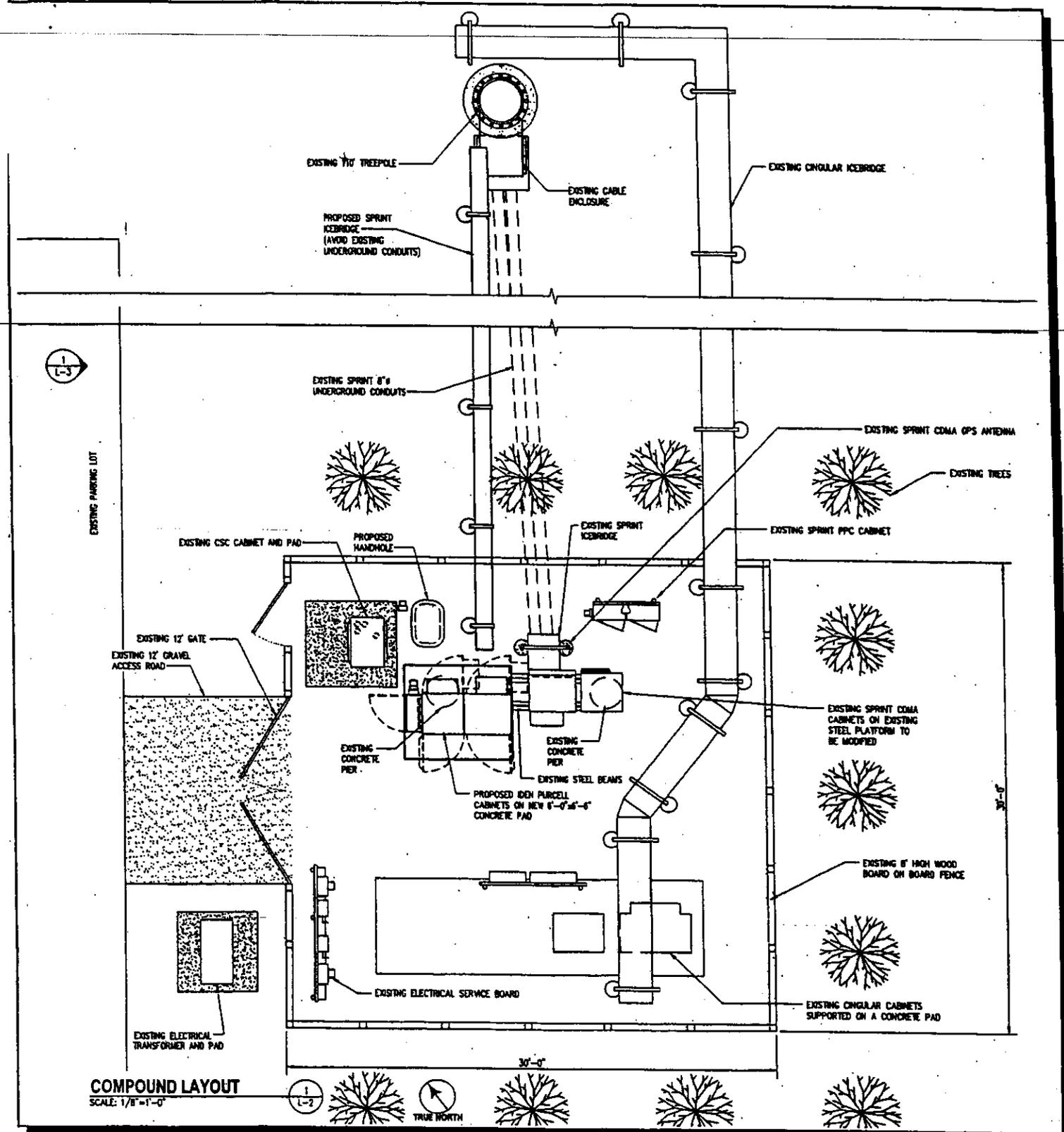


Together with NEXTEL  
NEXTEL COMMUNICATIONS  
OF THE MID-ATLANTIC, INC.  
7055 SAMUEL MORSE DRIVE  
COLUMBIA, MD 21046

VA2195 - WA23XC410  
SLEEPY HOLLOW  
3441 SLEEPY HOLLOW ROAD  
FALLS CHURCH, VA 22044

TITLE: **SITE PLAN**

PROJECT NO: 1111.027	SHEET NO: L-1
DESIGNER: J.L.	ENGINEER: H.M.



**COMPOUND LAYOUT**  
SCALE: 1/8"=1'-0"



1575 Eye Street, N.W. Suite 350  
WASHINGTON, D.C. 20005  
PHONE: (202)408-0960  
FAX: (202)408-0961

SUBMITTALS		
DATE	DESCRIPTION	REV.
08-26-06	LEASE EXHIBIT	
10-19-06	LEASE EXHIBIT	
03-01-07	LEASE EXHIBIT	



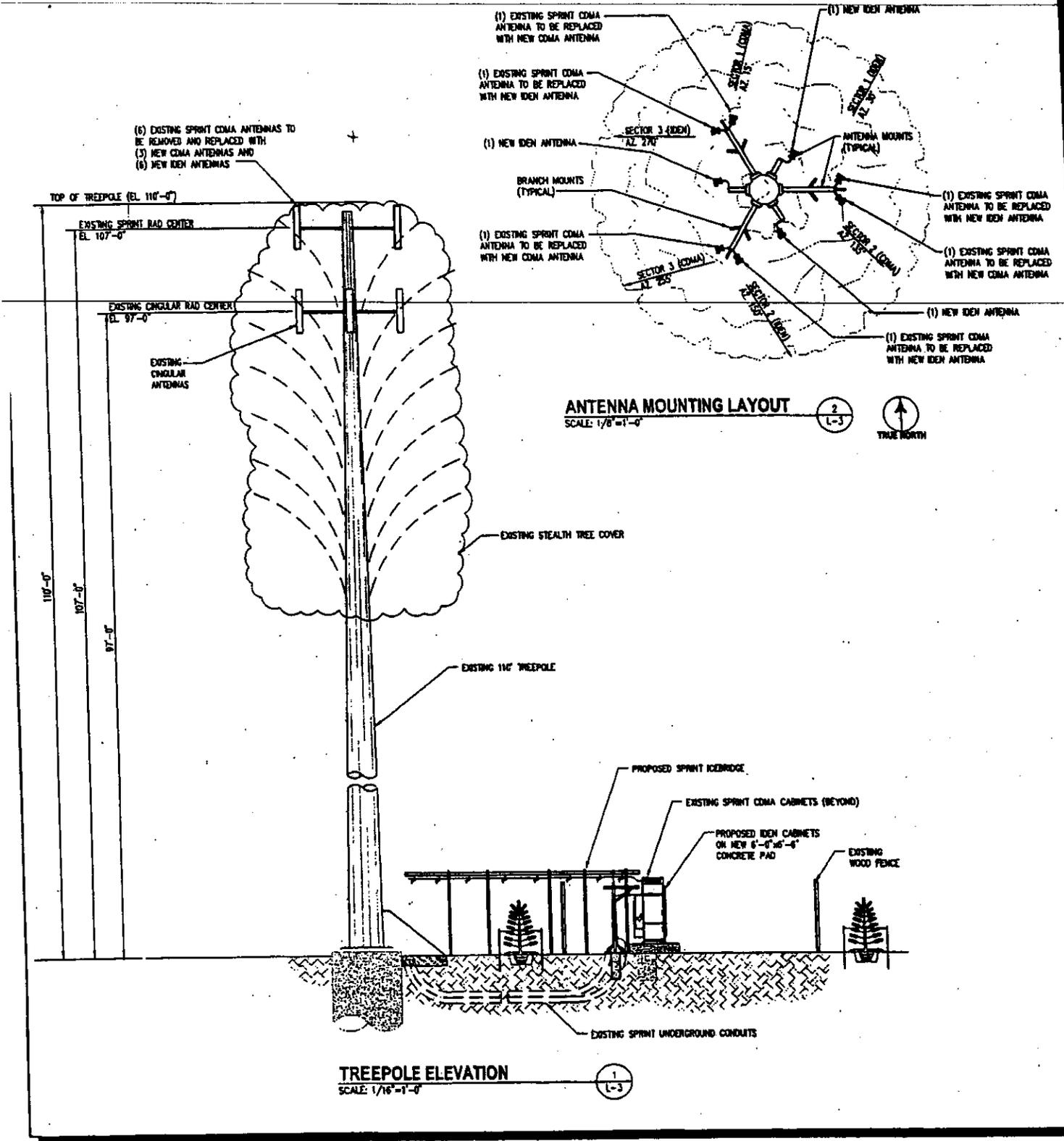
Together with NEXTEL

NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.  
7055 SAMUEL MORSE DRIVE  
COLUMBIA, MD 21046

VA2195 - WA23XC410  
SLEEPY HOLLOW  
3441 SLEEPY HOLLOW ROAD  
FALLS CHURCH, VA 22044

TITLE:  
**COMPOUND PLAN**

PROJECT NO: 1111.027	SHEET NO: L-2
DESIGNER: J.L.	ENGINEER: H.M.



1575 Eye Street, N.W. Suite 350  
WASHINGTON, D.C. 20005  
PHONE: (202)408-0960  
FAX: (202)408-0961

SUBMITTALS		
DATE	DESCRIPTION	REV.
09-26-06	LEASE EXHIBIT	
10-19-06	LEASE EXHIBIT	
03-01-07	LEASE EXHIBIT	

Together with NEXTEL  
NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.  
7055 SAMUEL MORSE DRIVE  
COLUMBIA, MD 21046

VA2195 - WA23XC410  
SLEEPY HOLLOW  
3441 SLEEPY HOLLOW ROAD  
FALLS CHURCH, VA 22044

TITLE: **TREE ELEVATION**

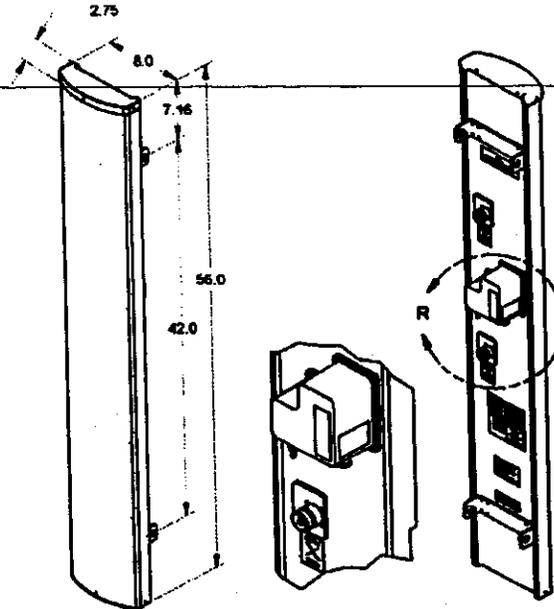
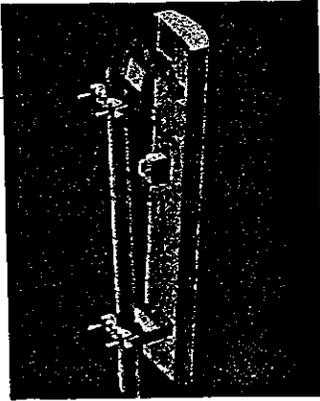
PROJECT NO: 1111.027 SHEET NO: L-3  
DESIGNER: J.L. ENGINEER: H.M.





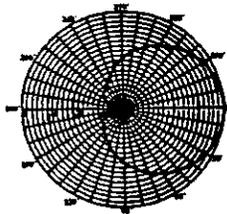
## RR65-18-VDUL2/\_R DualPol® Polarization 1710 MHz - 2180 MHz

Cobra™ MET/RET  
Broadband  
OptiRange™  
Suppressor™

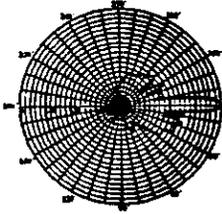


RET Antenna Shown

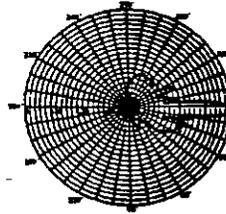
### Patterns



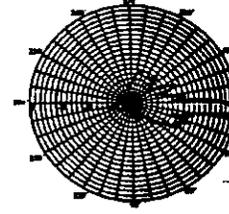
Azimuth



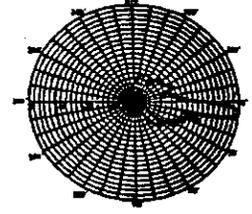
Elevation  
0° Downtilt



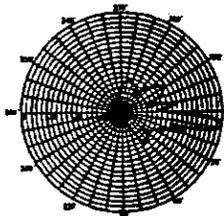
Elevation  
2° Downtilt



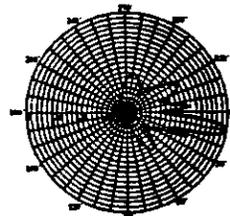
Elevation  
4° Downtilt



Elevation  
6° Downtilt



Elevation  
8° Downtilt



Elevation  
10° Downtilt

EMS' antennas are protected by one or more of the following U.S. patents: 5,844,529; 6,067,053; 6,462,710; 6,392,600; 6,069,590; 5,966,102; 5,757,246. EMS' antenna designs may also be covered by pending U.S. patent applications and by pending & awarded international patents.

Revised 08/28/06

+1 770.582.0555 ext. 5310 • Fax +1 770.729.0036  
www.emswireless.com

**RR65-18-VDUL2/\_R****DualPol® Polarization**  
1710 MHz - 2180 MHz**Cobra™ MET/RET**  
**Broadband**  
**OptiRange™**  
**Suppressor™****Electrical Specifications**

Azimuth Beamwidth (-3 dB)	65°
Elevation Beamwidth(-3 dB)	6.5°
Elevation Sidelobes (Upper)	≥ 18 dB
Gain	17.2 dBi (15.1 dBd)
Polarization	Dual Linear Slant (± 45°)
Port-to-Port Isolation	≥ 30 dB
Front-to-Back Ratio	≥ 30 dB
Electrical Downtilt Options	0° - 10° (MET 2° Increments; RET 0.1° Increments)
VSWR	1.35:1 Max
Connectors	2; 7-16 DIN (female)
Power Handling	300 Watts CW
Passive Intermodulation	≤ -150 dBc
Lightning Protection	[2 x 20 W (+ 43 dBm)] Chassis Ground

**Mechanical Specifications**

Dimensions (L x W x D)	56 in x 8 in x 2.75 in (142 cm x 20.3 cm x 7.0 cm)
Rated Wind Velocity	150 mph (241 km/hr)
Equivalent Flat Plate Area	3.1ft <sup>2</sup> (.29 m <sup>2</sup> )
Front Wind Load @ 100 mph (161 kph)	90 lbs (400 N)
Side Wind Load @ 100 mph (161 kph)	31 lbs (139 N)
Weight	18 lbs (8.2 kg)

**Mounting Options**

MTG-P00-10, MTG-S02-10, MTG-DXX-20\*, MTG-CXX-10\*, MTG-C02-10, MTG-TXX-10\*

*Note: \*Model number shown represents a series of products. See Mounting Options section for specific model number.*

Revised 08/28/06

EMS' antennas are protected by one or more of the following U.S. patents:  
5,844,529; 6,067,053; 6,462,710; 6,392,600; 6,069,590; 5,966,102;  
5,757,246. EMS' antenna designs may also be covered by pending U.S.  
patent applications and by pending & awarded international patents.



## RR90-11-XXXBL

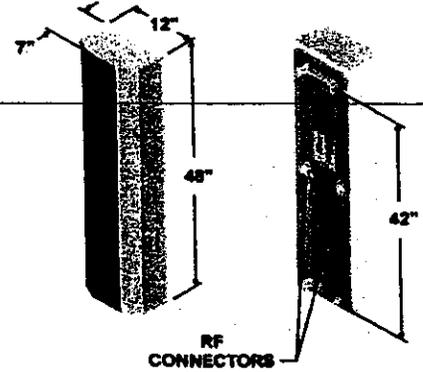
DualPol® Polarization

806 MHz - 941 MHz

OptiRange™  
Suppressor™

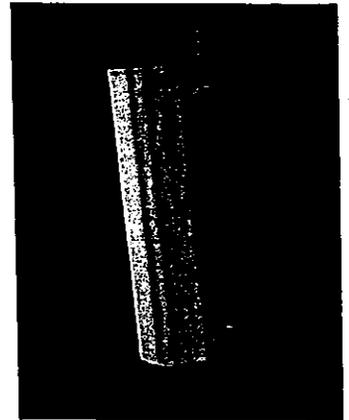
### Electrical Specifications

Azimuth Beamwidth	90°
Elevation Beamwidth	16°
Elevation Sidelobes (Upper)	≥ 18 dB
Gain	11.0 dBd (13.1 dBi)
Polarization	Dual Linear, Slant (± 45°)
Port-to-Port Isolation	≥ 20 dB
Front-to-Back Ratio	≥ 32 dB
Electrical Downtilt Options	0°, 5°, 10°
VSWR	1.28:1 Max
Connectors	2; Type N or 7-16 DIN (female)
Power Handling	500 Watts CW
Passive Intermodulation	≤ -150 dBc [2 x 20W (+ 43 dBm)]
Lightning Protection	Chassis Ground



### Mechanical Specifications

Dimensions (L x W x D)	48 in x 12 in x 7 in (121.9 cm x 30.5 cm x 17.8 cm)
Rated Wind Velocity	130 mph (209 kph)
Equivalent Flat Plate Area	4ft² (.37 m²)
Front Wind Load @ 100 mph (161 kph)	118 lbs (525 N)
Side Wind Load @ 100 mph (161 kph)	69 lbs (308 N)
Weight (Without Mounting Kit)	18 lbs (8 kg)

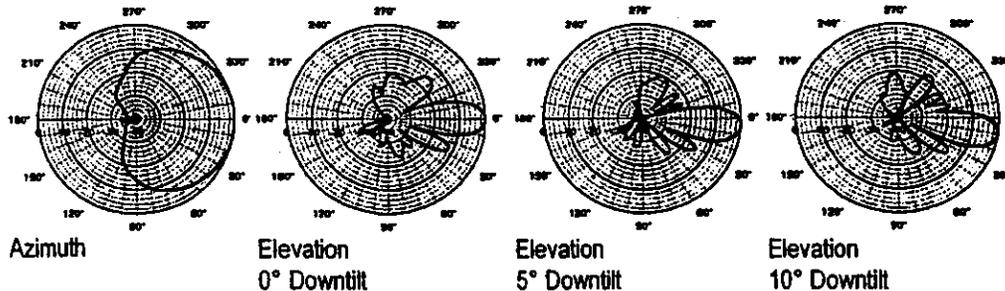


### Mounting Options

MTG-P00-10, MTG-S02-10, MTG-DXX-20\*, MTG-CXX-10\*, MTG-C02-10, MTG-TXX-10\*

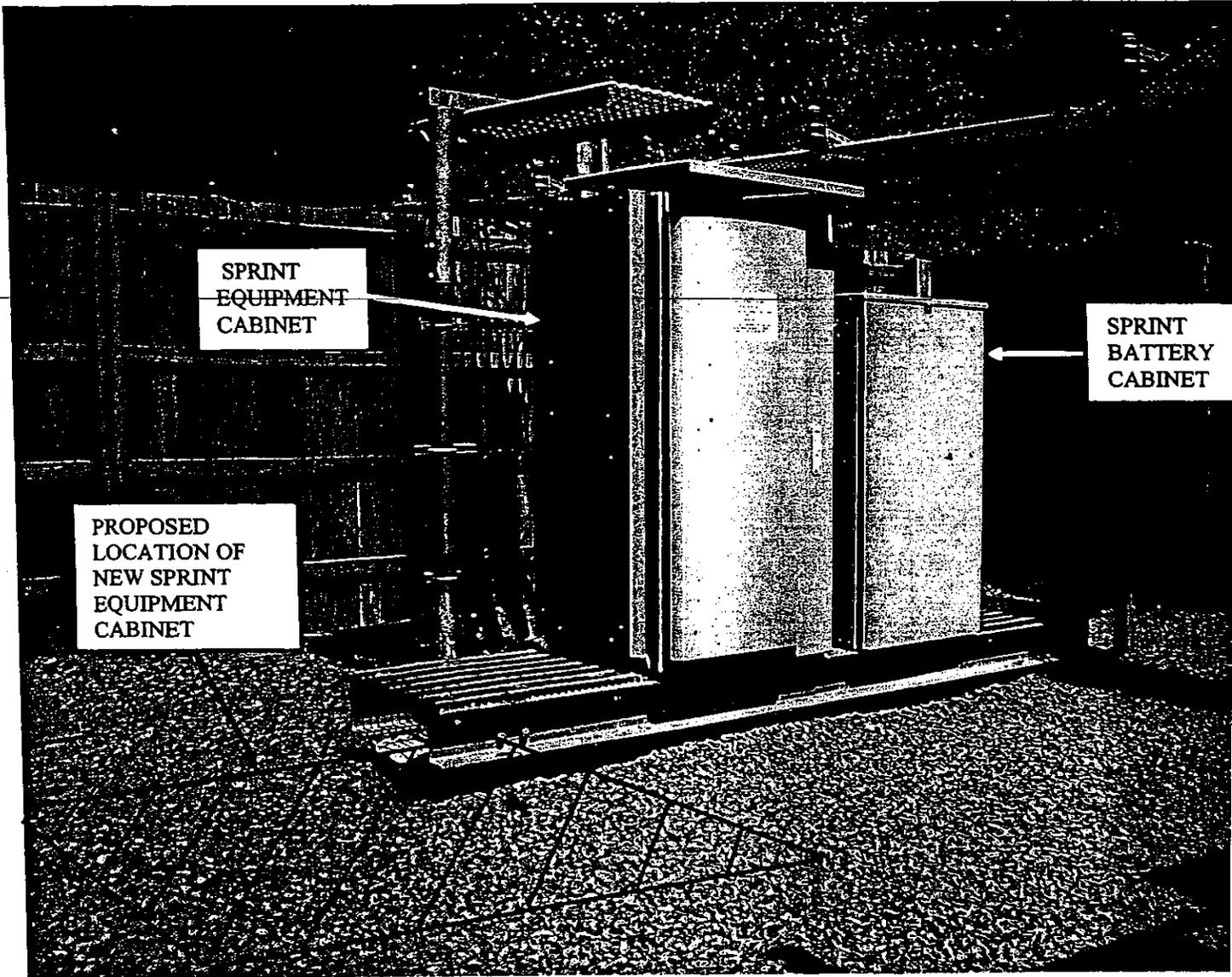
Note: \*Model number shown represents a series of products. See Mounting Options section for specific model number.

### Patterns



EMS' antennas are protected by one or more of the following U.S. patents: 5,844,529; 6,067,053; 6,462,710; 6,392,600; 6,069,590; 5,966,102; 5,757,246. EMS' antenna designs may also be covered by pending U.S. patent applications and by pending & awarded international patents.

Revised 04/20/04



SPRINT  
EQUIPMENT  
CABINET

SPRINT  
BATTERY  
CABINET

PROPOSED  
LOCATION OF  
NEW SPRINT  
EQUIPMENT  
CABINET



**Without Additional Branches**



**With Additional Branches  
and Greenery**



Capitol

Melbrook Dr

Brookside

© 2005 Google

Tree Pole



© 2007 Navteq  
© 2007 Sanborn



**Michal, James R.**

---

**From:** Santorelli, Ralph (NE) [Ralph.Santorelli@gdwireless.com]  
**Sent:** Friday, July 20, 2007 3:14 PM  
**To:** Michal, James R.  
**Subject:** FW: VA2195 Antenna Question

Jim,

This is the reason why we have to use this antenna, hopefully this is good enough..Thanks Ralph

---

**From:** Nocete, Neil L [Telecommunications Specialists Consultant for Sprint] [mailto:Neil.Nocete@sprint.com]  
**Sent:** Friday, July 20, 2007 1:57 PM  
**To:** Santorelli, Ralph (NE); Achiba, Raffi [Comtech Wireless Contractor for Sprint]  
**Subject:** RE: VA2195 Antenna Question

Hi,

We are using the RR90-11-00DBL because that is the smallest size of dual-polarized antenna that we can use.

We could use another dual-polarized antenna which is less than 12 inches in width but the antenna will be more than 6 feet tall.

Thanks.

**Neil Nocete**  
RF Design Engr. - Sprint-Nextel  
desk: 703-762-7428  
cell: 571-331-6670



JACKSON & CAMPBELL, P.C.

Attorneys and Counselors at Law

1120 Twentieth Street, N.W.  
South Tower  
Washington, D.C. 20036-3437  
202-457-1600  
Fax: 202-457-1678  
www.jackscamp.com

JAMES R. MICHAL  
202-457-1652  
jmichal@jackscamp.com

July 24, 2007

Ms. Regina C. Coyle, Director  
Zoning Evaluation Division  
Department of Planning and Zoning  
12055 Government Center Parkway  
Suite 801  
Fairfax, VA 22035

**Re: Sprint (APC) Sleepy Hollow United Methodist Church, 3435 Sleepy Hollow Rd. Approved SE 2002-MA-003 and 2232-MO2-8**

Dear Madame Director:

I am writing to confirm the substitute antenna information and the voluntary commitments which Sprint is making to conceal the new antennas within branches of the treepole. So that you have the full background, I have enclosed the following documentation:

1. Copy of my letter dated March 14, 2007 to David Marshall whereby the proposed antenna substitutions and cabinet additions are described in detail.
2. Copy of my letter dated June 26, 2007 to David Marshall with photosims showing the proposed antennas without and with the additional branches and green covers, along with an aerial photo showing the extensive forested areas around the site.
3. Copy of an e-mail dated July 20, 2007 confirming that the six (6) proposed dual polarized antennas are the shortest, albeit wider and deeper, which Sprint can use.

As my correspondence indicates, Sprint will voluntarily install at substantial cost additional branches to the treepole and green antenna covers which will have the effect of better concealing the antennas than now exist as the photosims demonstrate. While six (6) of the proposed shorter antennas are wider and deeper by six inches or less, they are well within the "by right" panel antenna size of 6'h x 2'w in the Zoning Ordinance, and they are to be installed within the branches of 110' high treepole in a heavily forested area. Given these considerations and Sprint's commitments to enhance the approved special exception and related development conditions with additional tree branches and green antenna covers not now required, I believe that the proposed antenna substitutions satisfy the minor modification provisions of Article 9, and respectfully submit that they are in substantial conformance with the approved special

JACKSON & CAMPBELL, P.C.

*Attorneys and Counselors at Law*

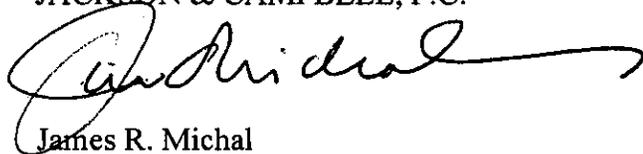
Ms. Regina C. Coyle, Director  
Department of Planning and Zoning  
July 24, 2007  
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exception and its development conditions. These voluntary commitments would enhance what is already considered a "winning" telecommunications installation. Furthermore, the public interest will be served and valuable, but limited, county resources will be preserved if this request is approved.

Thank you for your further consideration of this matter.

Very truly yours,

JACKSON & CAMPBELL, P.C.

A handwritten signature in black ink, appearing to read "James R. Michal", with a long, sweeping flourish extending to the right.

James R. Michal

JRM:fle

Enclosures