

### Application to Planning Commission and Board of Supervisors

**Application For: (check appropriate boxes)**

Rezoning       Rezoning & Special Use Permit       Special Use Permit

**Owner/Applicant Information: (Use current mailing/contact information for all property owners. An additional sheet may be attached for multiple owners.)**

Property Owner: <u>Vicki Jean Gruver, et al</u>	Agent: <u>Gentry Locke Rakes &amp; Moore LLP</u>
Address: <u>150 Laurel Ridge Lane</u> <u>Callaway, Virginia 24067</u>	Address: <u>10 Franklin Road, Suite 900</u> <u>Roanoke, Virginia 24011</u>
Phone 1: <u>N/A</u>	Phone 1: <u>(540) 983-9350</u>
Phone 2: _____	Phone 2: _____
Email: <u>N/A</u>	Email: <u>mwiegard@gentrylocke.com</u>

Location of Property/ Site Address: 4180 Pandapas Road, Blacksburg, VA 24060

Legal Record of Property: Total Area: 12 Acres Magisterial District A

Parcel ID: 190148 Tax Parcel Number(s): 14-A-2D

Rezoning Details: Current Zoning District: N/A Requested Zoning District: N/A

Desired Use(s): N/A

Special Use Permit: Current Zoning District GB Total Area/Acres: ±400 sq. ft.

Desired Use(s): Telecommunications Tower - Modifications to Existing Tower.

Comprehensive Plan Designation: Resource Stewardship

Traffic Impact Analysis Required:  Yes (payment enclosed)  No

*I certify that the information supplied on this application and on the attachments provided (maps or other information) is accurate and true to the best of my knowledge. In addition, I hereby grant permission to the agents and employees of Montgomery County and State of Virginia to enter the above property for the purposes of processing and reviewing the above application.*

[Signature] 6-1-15

[Signature] 6-1-15

Property Owner(s) Signature      Date

Agent's Signature      Date

**FOR OFFICE USE ONLY**

Date Received: 7/1/15

Application Number: SU-2015-13036

Traffic Impact Analysis and Payment Received:  Yes  No      Date Submitted to VDOT: \_\_\_\_\_

**GENTRY LOCKE**  
Attorneys

Maxwell H. Wiegard

mwiegard@gentrylocke.com

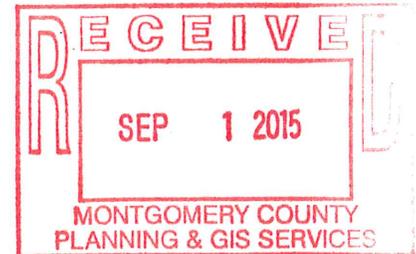
P: (540) 983-9350

F: (540) 983-9400

September 1, 2015

**By Hand Delivery**

Ms. Dari Jenkins  
 Planning & Zoning Administrator  
 Montgomery County, Department of Planning & GIS Services  
 755 Roanoke Street, Suite 2A  
 Christiansburg, Virginia 24073-3177



Re: Proposed Special Use Permit Application  
 Second Amended Justification Statement and Comprehensive Plan Justification  
 Tax Map Numbers: 14-A-2A; 4A; 2C  
 Address: 4180 Pandapas Road, Blacksburg, Virginia 24060 (the "Subject Property")  
 Applicant: nTelos (Site ID RN735 Forest Ridge)

Dear Ms. Jenkins:

On behalf of nTelos, please accept this letter as a second amended statement of justification and Comprehensive Plan justification in support of the above referenced application.

The Subject Property is currently zoned to the General Business ("GB") district and is identified in the "Resource Stewardship" land use policy area of the Montgomery County, 2025, Comprehensive Plan. Located in the District A Magisterial District, the Subject Property consists of approximately 12 acres, while only a portion of the Subject Property is used by the Applicant. A portion of the existing telecommunications tower and adjacent property is leased by the Applicant and is currently used as a wireless telecommunications facility. The Applicant proposes a modification to the existing special use permit approval and approved conditions to accommodate minor technological equipment upgrades to the existing telecommunications facility. A copy of the existing special use permit is attached for ease of reference.

Specifically, for the reasons set forth below, the Applicant seeks relief from condition Nos. 2, 3 and 5 to the existing special use permit. Condition No. 2 requires conformance with the prior plans submitted in 2006. The proposed change in the design of nTelos's telecommunications facility differs from the design shown in the plans entitled, "NTELOS Concept Plan, RN735 Forest Ridge (Price)" prepared by Terradon Engineering Corporation dated August 7, 2006 (the "2006 Concept Plan"). Condition No. 3 to the existing special use permit requires that all antennas mounted on the existing stealth monopole telecommunications tower to be "flush mounted" and prohibits the distance between the face of the pole and the outer face of the antennas from exceeding 12 inches. Condition No. 5 to the existing special use

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permit prohibits the Applicant from constructing any platforms or dishes on the existing stealth monopole telecommunications tower above the tree line. Without relief from these conditions to the existing special use permit, nTelos would not be able to use a low-profile mount application described below, which is necessary to give the Applicant enough physical space to install all of the antennas and remote radio heads required for an important 4G/LTE technology upgrade within the existing tower space. In the event that the County considers the proposed low-profile mount application to be a "platform," as that term is used in the existing special use permit, the Applicant will need relief from Condition No. 5 to the existing special use permit.

Accordingly, nTelos proposes the following modifications/deletions to the existing conditions:

- 1) Amend Condition 2 to reflect the plans prepared by Warren William & Associates (WW&A), dated May 19, 2015, as supplemented by the plans prepared by Mead & Hunt, last revised on August 24, 2015;
- 2) Amend Condition 3 to permit the installation of a low profile antenna mount with a distance between the face of the pole and the outer face of the antennas not to exceed 72 inches; and
- 3) Amend Condition 5 to permit platforms above the tree line.

In the way of background, the Applicant is in the process of enhancing its existing voice and data network by replacing old network equipment with next generation 4G/LTE ("Long Term Evolution") equipment at most of its wireless telecommunications facilities in Montgomery County. The equipment and technology upgrade will provide the Applicant's customers in Montgomery County with access to the most advanced broadband service available along with improved call performance, expanded coverage, faster data speeds and stronger indoor signals.

The Applicant's current equipment arrangement consists of two (2) RR65-19-00DP and one (1) RR90-18-00DP antennas and six (6) 1-5/8" coaxial cables at a centerline height of 117' on the existing 118' telecommunications tower, as well as, two (2) equipment cabinets located on an existing platform at the base of the tower. As shown on the enclosed plans prepared by Warren William & Associates (WW&A), dated May 19, 2015, as supplemented by the plans prepared by Mead & Hunt, last revised on August 24, 2015, the Applicant's proposed modifications consist of the following elements:

- 1) On the tower:
  - a. Two (2) existing (2) RR65-19-00DP and one (1) RR90-18-00DP panel antennas and six (6) 1-5/8" coaxial cables mounted at an antenna centerline height of 117' above grade level to remain, with new remote radio heads;

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- b. Two (2) new ET-X-UW-68-14-65-18-IR-AT panel antennas mounted at an antenna centerline height of 117' above grade level, with associated remote radio heads;
- c. One (1) new HPA-33R-BUU-H4 panel antenna mounted at an antenna centerline height of 117' above grade level, with associated remote radio head;
- d. Three (3) new hybridflex cables; and
- e. A low profile co-location platform kit.

2) In the Existing Compound:

- a. One (1) new 9927 Base Transceiver Station and one (1) new battery cabinet to be located within the existing ground leased space (i.e., platform).

Notably, the Applicant's modifications will not increase the height of the tower or the dimensions of the equipment compound. In addition to the installation of new antennas, the equipment upgrade requires the installation of tower-mounted electronics ("Remote Radio Heads") that were not envisioned when the original special use permit application was granted. These Remote Radio Heads cannot fit into a flush-mount configuration, as specified in the existing special permit conditions, and restricting their installation will severely impact the Applicant's ability to provide the advanced broadband services that wireless users demand and reduce collocation opportunities on the tower. The Applicant proposes to use a low-profile mount application, which would give the Applicant enough physical space for the antennas and remote radio heads required for the 4G/LTE technology upgrade within the existing tower space. Although not a flush-mount application, the low-profile mount mitigates potential adverse impacts and still achieves the network improvements that the Applicant's customers need. For reference, I have enclosed a drawing showing another tower located in Montgomery County that has been upgraded to 4G/LTE technology using a standard mount application. As you will note from comparing the proposed low-profile mount with the standard mount, there are distinguishing features of the low-profile mount that serve to minimize the impact of the proposed design.

The existing tower satisfies the additional regulations for freestanding telecommunications towers, provided in Section 10-48(6) of the Montgomery County Zoning Ordinance (the "Zoning Ordinance") and the Applicant's modifications will not impact the towers' compliance with those regulations.

Similarly, as detailed item by item below, the modifications to the existing special use permit satisfies the conditions and factors when evaluating a special use permit, as specified in Section 10-54(3)(g) of the Zoning Ordinance:

1. Whether the proposed Special Use Permit is consistent with the Comprehensive Plan (Addressed under "3. Comprehensive Plan Justification").

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- a. Applicant's Response: See additional discussion below for a discussion of the application's consistency with the Comprehensive Plan.
2. Whether the proposed Special Use Permit will adequately provide for safety from fire hazards and have effective measures of fire control.
  - a. Applicant's Response: Not applicable.
3. The level and impact of any noise emanating from the site, including that generated by the proposed use, in relation to the uses in the immediate area.
  - a. Applicant's Response: The Applicant does not anticipate any noise impacts during operation. Some short-term noise will be expected during the construction process.
4. The glare or light that may be generated by the proposed use in relation to uses in the immediate area.
  - a. Applicant's Response: Not applicable.
5. The proposed location, lighting and type of signs in relation to the proposed use, uses in the area, and the sign requirements of this Ordinance.
  - a. Applicant's Response: Not applicable.
6. The compatibility of the proposed use with other existing or proposed uses in the neighborhood, and adjacent parcels.
  - a. Applicant's Response: The existing tower has been sited to minimize negative impacts and to preserve compatibility with surrounding uses.
7. The location and area footprint with dimensions (all drawn to scale), nature and height of existing or proposed buildings, structures, walls, and fences on the site and in the neighborhood.
  - a. Applicant's Response: Please see the Concept Development Plan for all dimensional details.
8. The nature and extent of existing or proposed landscaping, screening and buffering on the site and in the neighborhood.
  - a. Applicant's Response: The existing tower is surrounded by substantial vegetation.
9. The timing and phasing of the proposed development and the duration of the proposed use.
  - a. Applicant's Response: The requested modifications will prolong the technological useful life of the tower.

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10. Whether the proposed Special Use Permit will result in the preservation or destruction, loss or damage of any topographic or physical, natural, scenic, archaeological or historic feature of significant importance.
  - a. Applicant's Response: Not applicable.
  
11. Whether the proposed Special Use Permit at the specified location will contribute to or promote the welfare or convenience of the public.
  - a. Applicant's Response: As noted above, the Applicant's proposed upgrades will allow the Applicant to better serve and to meet the wireless telecommunications needs of its customers who are residents of Montgomery County.
  
12. The traffic expected to be generated by the proposed use, the adequacy of access roads and the vehicular and pedestrian circulation elements (on and off-site) of the proposed use, all in relation to the public's interest in pedestrian and vehicular safety and efficient traffic movement.
  - a. Applicant's Response: Not applicable.
  
13. Whether, in the case of existing structures proposed to be converted to uses requiring a Special Use Permit, the structures meet all code requirements of Montgomery County.
  - a. Applicant's Response: Not applicable.
  
14. Whether the proposed Special Use Permit will be served adequately by essential public facilities and services.
  - a. Applicant's Response: Yes.
  
15. The effect of the proposed Special Use Permit on groundwater supply.
  - a. Applicant's Response: Not applicable.
  
16. The effect of the proposed Special Use Permit on the structural capacity of the soils.
  - a. Applicant's Response: Not applicable.
  
17. Whether the proposed use will facilitate orderly and safe road development and transportation.
  - a. Applicant's Response: Not applicable.
  
18. The effect of the proposed Special Use Permit on environmentally sensitive land or natural features, wildlife habitat and vegetation, water quality and air quality.
  - a. Applicant's Response: As the Applicant will be upgrading an existing tower without changes to the overall height, none of these impacts are anticipated.

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19. Whether the proposed Special Use Permit use will provide desirable employment and enlarge the tax base by encouraging economic development activities consistent with the Comprehensive Plan.
  - a. Applicant's Response: Not applicable.
20. Whether the proposed Special Use Permit considers the needs of agriculture, industry, and businesses in future growth.
  - a. Applicant's Response: Yes, the Applicant has recognized the need to provide the most up to date technology available which will foster the needs of industry and businesses, as well as, residents.
21. The effect of the proposed Special Use Permit use in enhancing affordable shelter opportunities for residents of the County.
  - a. Applicant's Response: Not applicable.
22. The location, character, and size of any outdoor storage.
  - a. Applicant's Response: Not applicable.
23. The proposed use of open space.
  - a. Applicant's Response: Not applicable.
24. The location of any major floodplain and steep slopes.
  - a. Applicant's Response: Not applicable.
25. The location and use of any existing non-conforming uses and structures.
  - a. Applicant's Response: Not applicable.
26. The location and type of any fuel and fuel storage.
  - a. Applicant's Response: All fuel storage will be provided in accordance with the existing conditions.
27. The location and use of any anticipated accessory uses and structures.
  - a. Applicant's Response: Not applicable.
28. The area of each use; if appropriate.
  - a. Applicant's Response: Not applicable.
29. The proposed days/hours of operation.
  - a. Applicant's Response: Not applicable.
30. The location and screening of parking and loading spaces and/or areas.
  - a. Applicant's Response: Not applicable.

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31. The location and nature of any proposed security features and provisions.
  - a. Applicant's Response: Appropriate security procedures are incorporated into the existing facility.
  
32. The number of employees.
  - a. Applicant's Response: Not applicable.
  
33. The location of any existing and/or proposed adequate on and off-site infrastructure.
  - a. Applicant's Response: Not applicable.
  
34. Any anticipated odors, which may be generated by the uses on site.
  - a. Applicant's Response: Not applicable.
  
35. Whether the proposed Special Use Permit uses have sufficient measures to mitigate the impact of construction traffic on existing neighborhoods and school areas.
  - a. Applicant's Response: Not applicable.

The proposed application is also consistent with the Comprehensive Plan guidance. The proposed application does not alter any lot size or district minimum sizes and will have no impact on the availability of water or sewer services. Consistent with the policies of the Resource Stewardship land use policy area, the Applicant does not seek to further develop the Subject Property or add additional density. Finally, this application recognizes the value of an existing tower and collocation opportunities, in lieu of additional tower sites which is in harmony with Montgomery County's Regional Approach to Telecommunications Tower, which became a part of the County's Comprehensive Plan in 2001.

Also relevant to the Applicant's application is federal legislation passed in 2012. Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012, commonly known as the "Spectrum Act" was created to foster the more rapid deployment of wireless telecommunications nationwide. Among other things, the Spectrum Act, mandated the local government administrative review and approval of certain modifications to existing telecommunications facilities. In late 2014, the Federal Communications Commission ("FCC") published rules in an effort to eliminate confusion resulting from inconsistent interpretations and informal guidance and to promote the congressional intent of Section 6409(a). The FCC rules became effective on April 8, 2015. The FCC unanimously adopted a Report and Order that codified certain rules to clarify, define, and implement the language of Section 6409(a) (the "Report and Order"). The Report and Order provides specific guidance to localities when faced with an application seeking to enhance wireless infrastructure on existing facilities, including definitions of "transmission equipment," "wireless tower or base station," "removal," "replacement," "modification," and "substantial change," and establishing time periods for state and local government review. The FCC defines the above terms broadly and in a manner reflecting the congressional intent to



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facilitate the rapid deployment of upgrades to existing wireless communications infrastructure. Applying the FCC rules to the technological changes associated with the upgrade to 4G/LTE technology proposed by the Applicant, these upgrades are the nature of upgrades that are eligible for an expedited review by Montgomery County.

In accordance with the policy of Montgomery County, I have enclosed ten (10) paper copies and one (1) digital submission of the application package, consisting of the special use permit application form, this statement, the concept development plan, and the drawing of a standard mount (non-low profile) application.

Thank you in advance for your consideration and please do not hesitate to contact me to further discuss any of the application materials. I look forward to continuing to work with you and other representatives of Montgomery County regarding this application.

Very truly yours,

GENTRY LOCKE

A handwritten signature in blue ink, appearing to read 'Maxwell H. Wiegard', written over the printed name.

Maxwell H. Wiegard

Enclosures

cc: Ms. Debbie Balsler  
Jonathan D. Puvak, Esq.



Subject Tower

4262

4180

4162

4140

4098

4096

198

PANDAPAS POND RD  
460

CRAG CREEK RD  
621

2667

4031

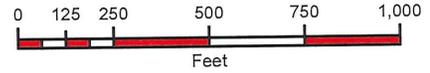
4033

4035  
PANDAPAS POND



Map Prepared by Montgomery County, Va  
Planning and GIS Services, 06/02/2015

### 4180 Pandapas Pond Rd



SW.2015.13034



RN735  
4180 PANDAPAS ROAD  
BLACKSBURG, VA 24060

OWNER / DEVELOPER CERTIFICATION

I, \_\_\_\_\_, HEREBY ACKNOWLEDGE THE SITE IMPROVEMENTS IMPOSED BY THIS PLAN AND MONTGOMERY COUNTY, I HEREBY AGREE TO DEVELOP THE SUBJECT PROPERTY IN COMPLIANCE WITH THE PLAN AND WILL SUBMIT ANY PLAN REVISIONS TO MONTGOMERY COUNTY FOR APPROVAL. I AGREE TO POST ALL REQUIRED BONDS WITH MONTGOMERY COUNTY FOR DEVELOPMENT AND ACKNOWLEDGE ALL IMPROVEMENTS MUST BE COMPLETED TO THE COUNTY'S SATISFACTION PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

TOWER OWNER AGREES TO MAINTAIN ALL VEGETATION AS SHOWN ON THE LANDSCAPE PLAN IN A VIABLE CONDITION.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

ZONING APPROVAL AND ACCEPTANCE

THE HERON SHOWN SITE PLAN DATED MAY 19, 2015 HAS BEEN SUBMITTED TO AND APPROVED FOR ACCEPTANCE BY MONTGOMERY COUNTY, VIRGINIA

PLANNING & ZONING ADMINISTRATOR \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE BLOCK



929 WIGGINGTON ROAD  
LYNCHBURG, VA 24502



8051 CONGREE AVENUE  
BOCA RATON, FL 33487-1307

SITE NAME : FOREST RIDGE

SITE NUMBER : RN735

SITE ADDRESS : 4180 PANDAPAS ROAD  
BLACKSBURG, VA 24060

TOWER OWNER : SBA TOWERS II, LLC

PROPERTY OWNER : SBA TOWERS II, LLC

COUNTY : MONTGOMERY COUNTY

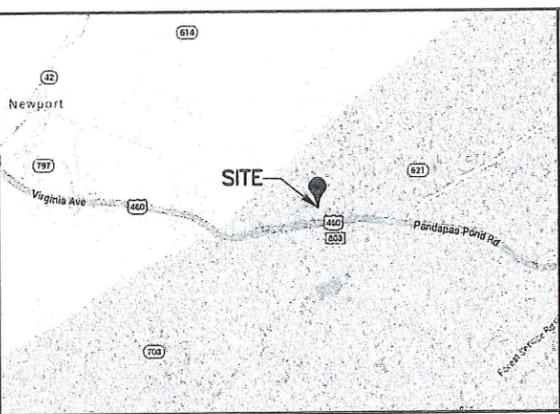
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LONGITUDE : -80.469442

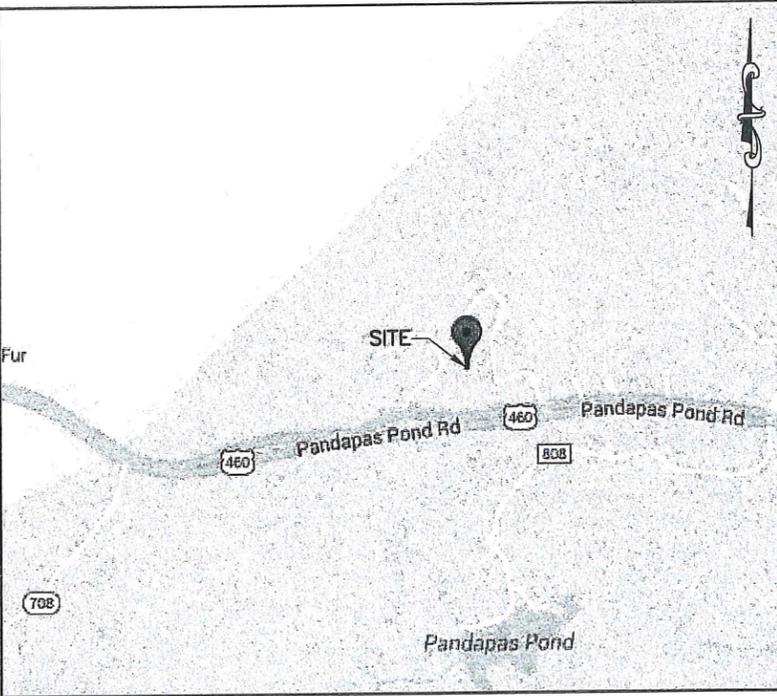
SHEET LIST TABLE

SHEET	DRAWING INDEX	REV	DATE
T-1	COVER	4	05/19/15
S-1	COMPOUND AND EQUIPMENT PLAN	4	05/19/15
S-2	ELEVATION AND ANTENNA ORIENTATION	4	05/19/15
S-3	MOUNT DETAILS	4	05/19/15

NO.	REVISION/ISSUE	DATE
A	ISSUED FOR REVIEW	11/12/14
0	ISSUED FOR CONSTRUCTION	12/16/14
1	ISSUED FOR CONSTRUCTION	01/16/15
2	ISSUED FOR CONSTRUCTION	01/30/15
3	ISSUED FOR CONSTRUCTION	04/28/15
4	ISSUED FOR CONSTRUCTION	05/19/15



AREA MAP NOT TO SCALE



VICINITY MAP SCALE: 1"=1000'

SITE NAME  
FOREST RIDGE

SITE NUMBER  
RN735

SITE ADDRESS  
4180 PANDAPAS ROAD  
BLACKSBURG, VA 24060

PROPERTY OWNER  
SBA TOWERS II, LLC

SITE DATA  
LATITUDE 37.286763  
LONGITUDE -80.469442

JURISDICTION  
MONTGOMERY COUNTY

ZONING DISTRICT  
GENERAL BUSINESS (GB)

TAX PARCEL #  
14-A-2A,4A

PARCEL ID #  
190148

CONTACTS

nTELOS  
1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

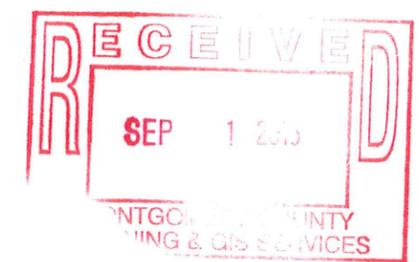
CONSTRUCTION RF ENGINEER  
BEN PIERCE TOM SMITH  
804-218-5474 540-793-1132

SITE ACQUISITION/LEASING  
DEBBIE BALSER  
540-941-4220 EXT.3071

SHEET INDEX

POLICE/FIRE/RESCUE  
911

nTELOS\_NOC  
800-566-9568-PHONE



**WW&A**  
warren williams & associates  
736 CARNEROS CIRCLE HIGH POINT  
NORTH CAROLINA, 27265

SEAL:  
COMMONWEALTH OF VIRGINIA  
O. WARREN WILLIAMS, JR.  
Lic. No. 37030  
PROFESSIONAL ENGINEER

SIGNATURE *O. Warren Williams, Jr.*

DRAWN BY : KTM/PROJECT# VA09846-A-01  
CHECKED BY : SV SHEET 1 OF 5

**PROJECT DESCRIPTION**  
NTELOS CURRENTLY HAS THREE (3) EXISTING ANTENNAS, (1) RR90-18-00DP AND (2) RR65-19-00DP AND (6) EXISTING 1 5/8" COAXIAL CABLES ON THIS TOWER.

NTELOS IS PROPOSING TO ADD THE FOLLOWING EQUIPMENTS TO THE TOWER ALONG WITH THE EXISTING EQUIPMENT:

THREE (3) ANTENNAS MODEL#  
(2) ET-X-UW-68-14-65-18-IR-AT AND  
(1) HPA-33R-BUU-H4

THREE (3) ALCATEL LUCENT RRHS MODEL#  
2x50 800 RRH

THREE (3) ALCATEL LUCENT RRHS MODEL#  
4X45 PCS RRH

THREE (3) HYBRIFLEX CABLES

NTELOS WILL ALSO BE ADDING ONE 9927 BTS AND ONE BATTERY CABINET WITHIN EXISTING GROUND LEASED SPACE

**SITE DIRECTION**  
FROM WAYNESBORO, VA:  
FROM WAYNESBORO PROCEED HEAD SOUTH ON S WAYNE AVE TOWARD FEDERAL ST, CONTINUE ONTO LYNHURST RD, TURN LEFT TOWARD BAKER RD/JEFFERSON AVE, CONTINUE STRAIGHT, SLIGHT RIGHT ONTO BAKER RD/JEFFERSON AVE, CONTINUE TO FOLLOW JEFFERSON AVE, TAKE THE 3RD LEFT ONTO WINDSOR RD, CONTINUE ONTO MOUNTAIN RD, TURN RIGHT ONTO S DELPHINE AVE, TURN RIGHT ONTO THE INTERSTATE 64 W RAMP TO STAUNTON, MERGE ONTO I-64 W, TAKE THE INTERSTATE 81 S EXIT ON THE LEFT TOWARD INTERSTATE 64 W/LEXINGTON/ROANOKE, MERGE ONTO I-81 S, TAKE EXIT 118C-B-A TO MERGE ONTO US-460 W, TURN RIGHT, RESTRICTED USAGE ROAD, DESTINATION WILL BE ON THE RIGHT.

PROJECT DESCRIPTION

DIRECTION TO SITE

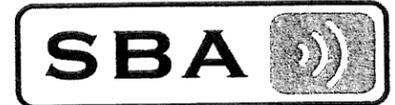
PROJECT INFORMATION

EMERGENCY AND UTILITY CONTACTS

COVER  
T1



929 WIGGINGTON ROAD  
LYNCHBURG, VA 24502



8051 CONGREE AVENUE  
BOCA RATON, FL 33487-1307

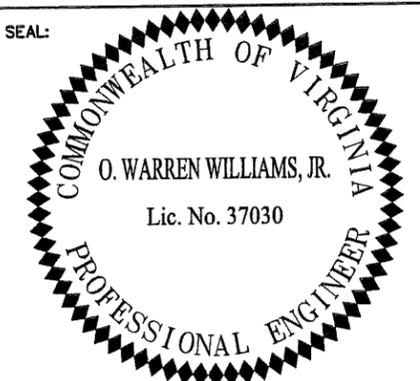
SITE NAME :	FOREST RIDGE
SITE NUMBER :	RN735
SITE ADDRESS :	4180 PANDAPAS ROAD BLACKSBURG, VA 24060
TOWER OWNER :	SBA TOWERS II, LLC
PROPERTY OWNER :	SBA TOWERS II, LLC
COUNTY :	MONTGOMERY COUNTY
LATITUDE :	37.286763
LONGITUDE :	-80.469442

NO.	REVISION/ISSUE	DATE
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0	ISSUED FOR CONSTRUCTION	12/16/14
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4	ISSUED FOR CONSTRUCTION	05/19/15



736 CARNEROS CIRCLE HIGH POINT  
NORTH CAROLINA, 27265

SEAL:



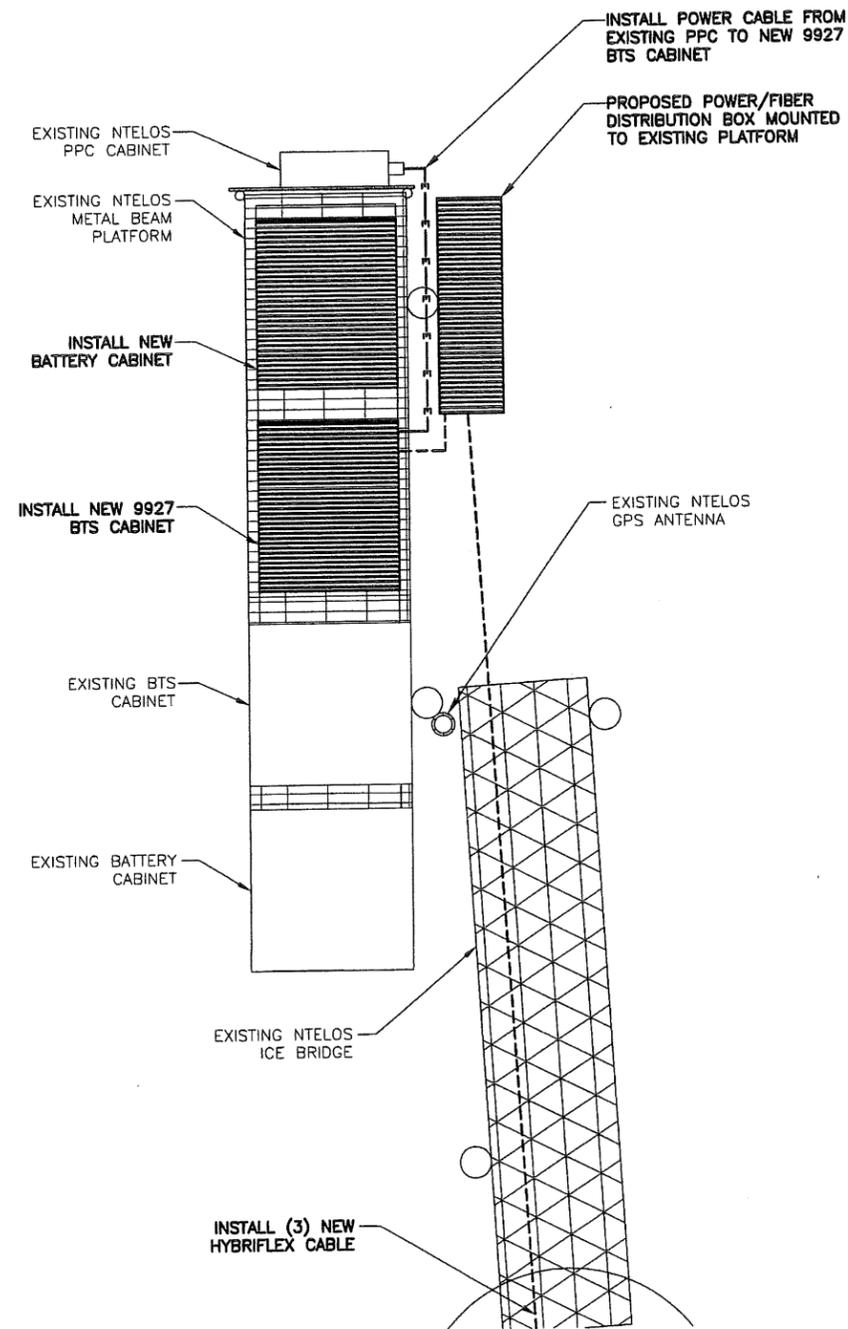
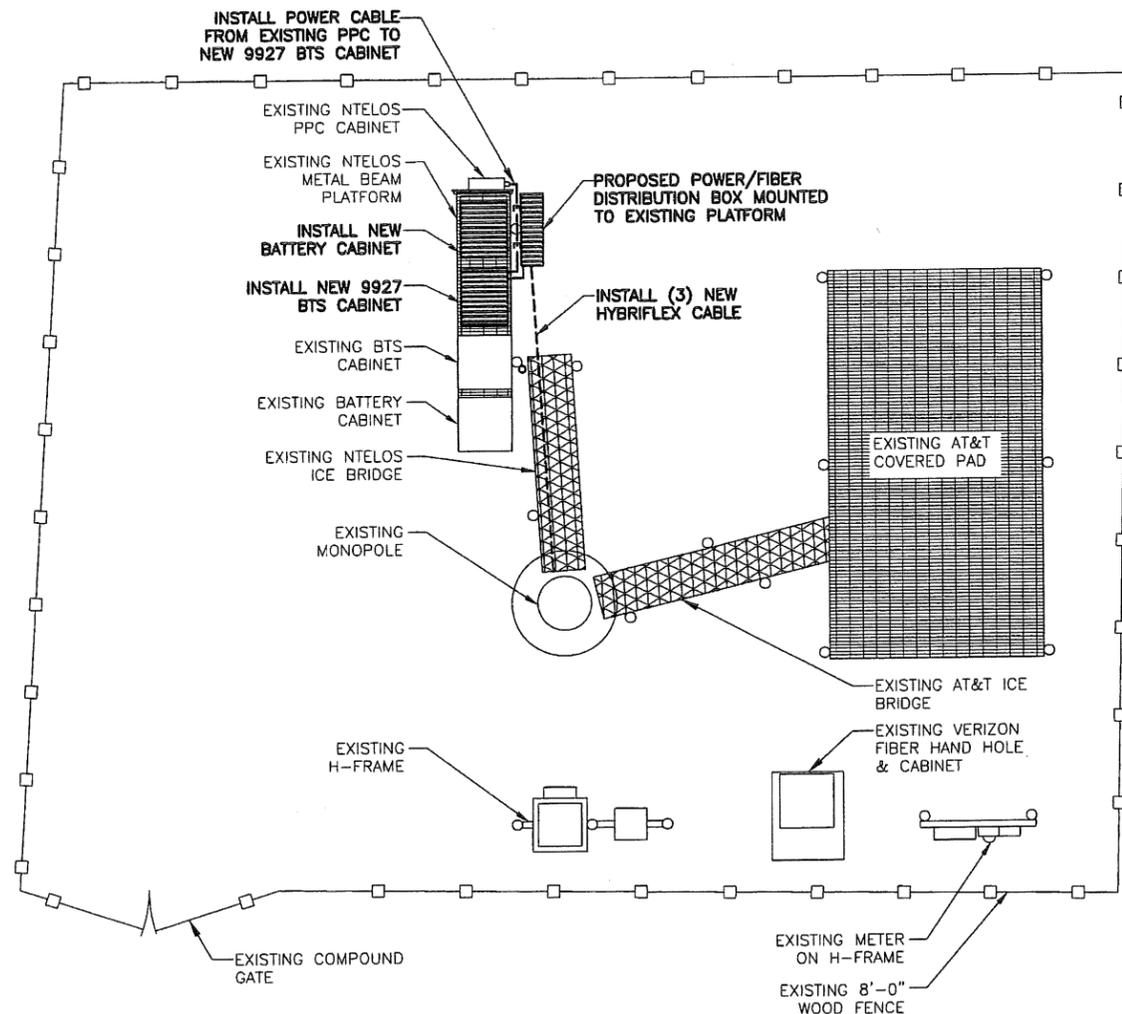
SIGNATURE *O. Warren Williams, Jr.*

DRAWN BY : KTM PROJECT# VA09846-A-01  
CHECKED BY : SV SHEET 3 OF 5

COMPOUND AND EQUIPMENT PLAN TITLE S-1

ADJACENT PARCEL INFORMATION

Site RN735	Owner 1	Owner 2	Parcel ID #	Zoning Designation
	Vicki Jean Gruver ETAL	Haven Radford Price	006778	Agricultural (A-1)
	Vicki Jean Gruver ETAL	Haven Radford Price	015133	Agricultural (A-1)
	Casper C. Derooy	Suzanne J. Derooy	006770	Agricultural (A-1)
	Vicki Jean Gruver ETAL	Haven Radford Price	190148	Agricultural (A-1)
	Casper C. Derooy	Suzanne J. Derooy	076769	Agricultural (A-1)



COMPOUND PLAN

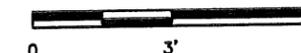
FULL SIZE PLOT: SCALE: 3/32" = 1'-0"  
HALF SIZE PLOT: SCALE: 3/64" = 1'-0"



1

EQUIPMENT PLAN

FULL SIZE PLOT: SCALE: 3/8" = 1'-0"  
HALF SIZE PLOT: SCALE: 3/16" = 1'-0"



2



929 WIGGINGTON ROAD  
LYNCHBURG, VA 24502



8051 CONGREE AVENUE  
BOCA RATON, FL 33487-1307

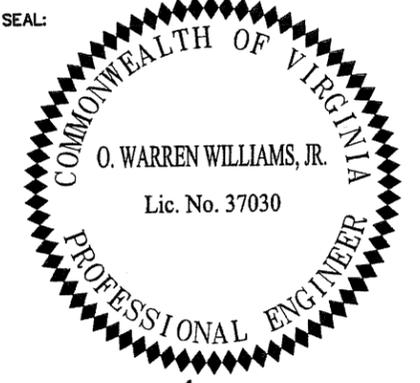
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BLACKSBURG, VA 24060  
 TOWER OWNER : SBA TOWERS II, LLC  
 PROPERTY OWNER : SBA TOWERS II, LLC  
 COUNTY : MONTGOMERY COUNTY  
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A	ISSUED FOR REVIEW	11/12/14
0	ISSUED FOR CONSTRUCTION	12/16/14
1	ISSUED FOR CONSTRUCTION	01/16/15
2	ISSUED FOR CONSTRUCTION	01/30/15
3	ISSUED FOR CONSTRUCTION	04/28/15
4	ISSUED FOR CONSTRUCTION	05/19/15



736 CARNEROS CIRCLE HIGH POINT  
NORTH CAROLINA, 27265

SEAL:



SIGNATURE *O. Warren Williams, Jr.*

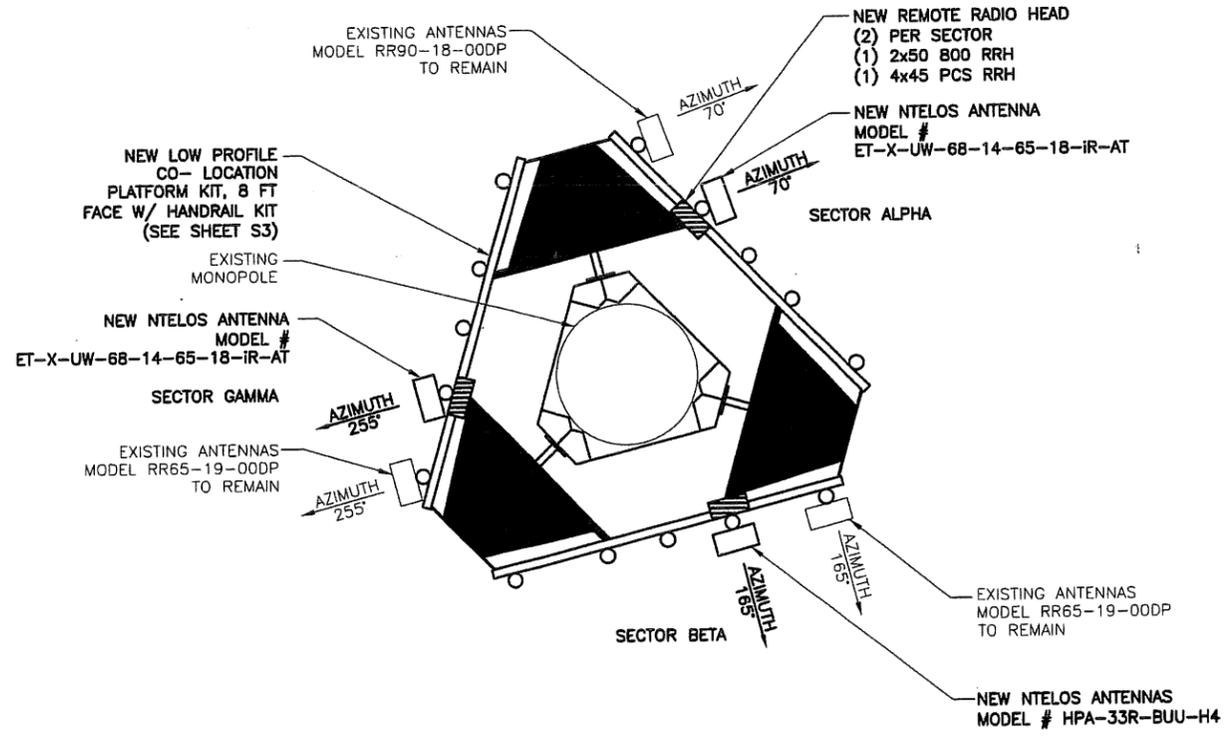
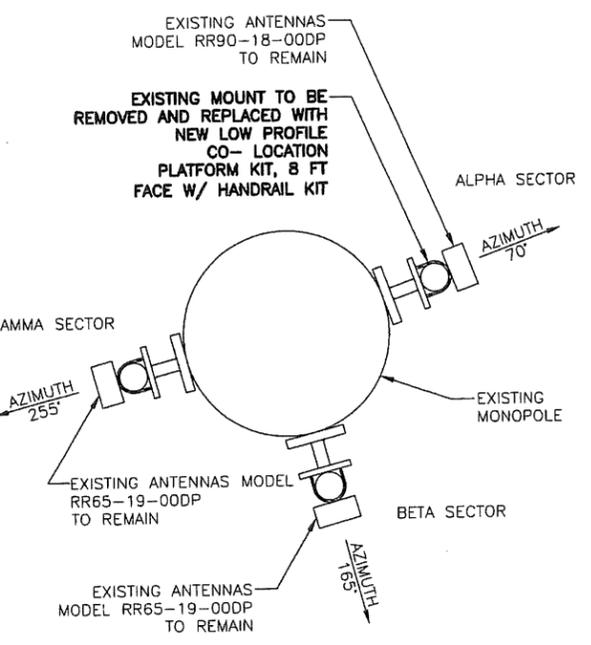
DRAWN BY : KTM PROJECT# VA09846-A-01  
CHECKED BY : SV SHEET 4 OF 5

ELEVATION AND ANTENNA ORIENTATION TITLE S-2

PROPOSED ANTENNA CONFIGURATION AND CABLE SCHEDULE						
SECTOR	POS	ANTENNA	ANTENNA HEIGHT	AZIMUTH	RRH	CABLE TYPE
A	1	(1) RR90-18-00DP	117'	70°	(1) 2X50 800 RRH (1) 4X45 PCS RRH	(3) NEW 24 OS2 FIBER /10X10 AWG
	2	(1) ET-X-UW-68-14-65-18-IR-AT		70°		
	3	-		-		
	4	-		-		
	5	-		-		
B	1	(1) RR65-19-00DP	117'	165°	(1) 2X50 800 RRH (1) 4X45 PCS RRH	(6) EXISTING 1 5/8" COAX
	2	(1) HPA-33R-BUU-H4		165°		
	3	-		-		
	4	-		-		
	5	-		-		
C	1	(1) RR65-19-00DP	117'	255°	(1) 2X50 800 RRH (1) 4X45 PCS RRH	(6) EXISTING 1 5/8" COAX
	2	(1) ET-X-UW-68-14-65-18-IR-AT		255°		
	3	-		-		
	4	-		-		
	5	-		-		

ANTENNA CABLE & CONFIGURATION 2

EXISTING ANTENNA LAYOUT 3



NEW ANTENNA LAYOUT 4

(3) EXISTING ANTENNAS  
(1) PER SECTOR, (3) TOTAL.  
MODEL # RR90-18-00DP IN ALPHA,  
MODEL # RR65-19-00DP IN BETA &  
GAMMA SECTOR

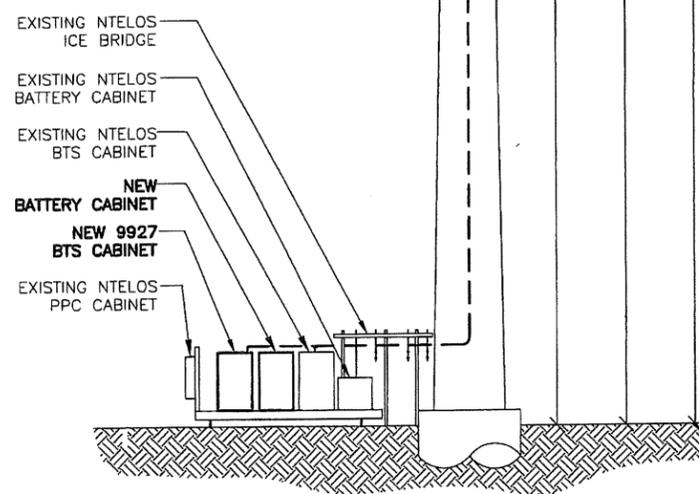
NEW NTELOS ANTENNAS  
(1) PER SECTOR, (3) TOTAL.  
(1) ET-X-UW-68-14-65-18-IR-AT IN  
ALPHA & GAMMA,  
(1) HPA-33R-BUU-H4 IN BETA SECTOR

NEW LOW PROFILE  
CO- LOCATION  
PLATFORM KIT, 8 FT  
FACE W/ HANDRAIL KIT  
(SEE SHEET S3)

INSTALL (3) NEW  
HIBRIFLEX CABLE

EXISTING  
MONOPOLE

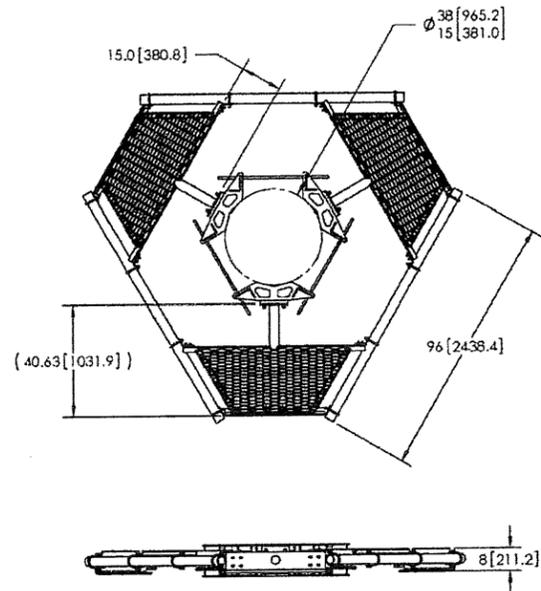
EXISTING AT&T ANTENNA CENTERLINE = 110'-0"± AGL  
 EXISTING & PROPOSED NTELOS ANTENNA CENTERLINE = 117'-0"± AGL  
 OVERALL HEIGHT OF EXISTING STRUCTURE = 118'-0"± AGL



TOWER ELEVATION 1

ELEVATION AND ANTENNA ORIENTATION

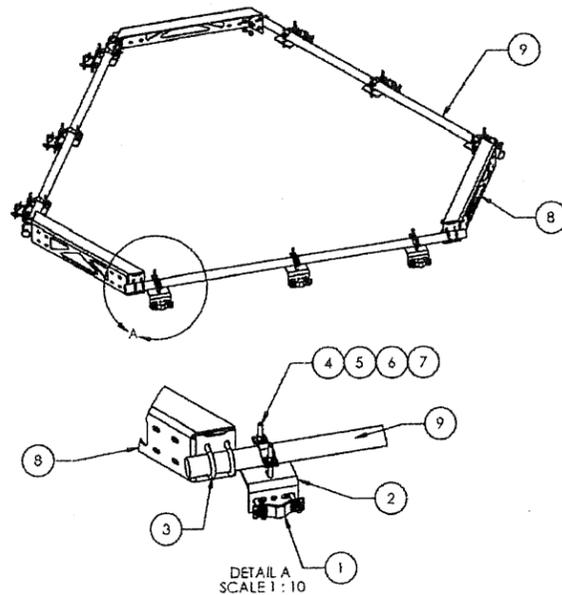
ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	MC-RM1550-3	12" - 50" OD RINGMOUNT	1	203.94 LBS
2	MTC300601	Low Profile Co-Location Platform Snub Nose	3	130.90 LBS
3	MT196.17	MT196 Pipe Mount Plate	6	2.49 LBS
4	MT54796	Ø3.5" O.D. X 96" PIPE	3	37.68 LBS
5	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	12	1.30 LBS
6	GB-0520A	5/8" X 2" GALV BOLT KIT (A325)	12	0.27 LBS
7	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	12	0.13 LBS
8	GW-F-04	1/2" GALV FLAT WASHER	12	0.06 LBS



NOTES:  
 1. ALL METRIC DIMENSIONS ARE IN BRACKETS.  
 2. WILL FIT MONOPOLES 15" - 38" OD.

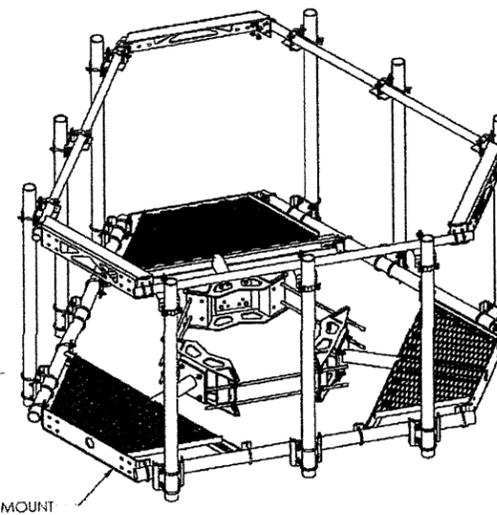
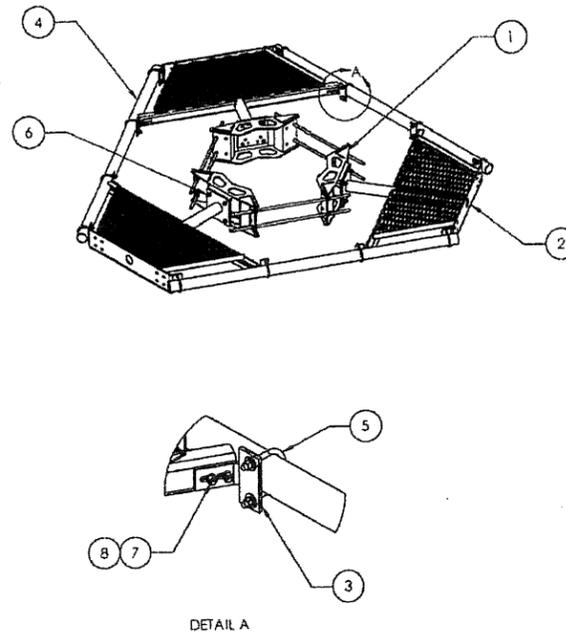
**MC-PK8-B LOW PROFILE CO-LOCATION PLATFORM KIT, 8 FT FACE DETAIL**  
 NOT TO SCALE

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	ACP10	1.5" - 3.5" O.D. CLAMP HALF	18	0.61 LBS
2	XAU01	Angle BRK	9	3.59 LBS
3	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	12	0.56 LBS
4	MT-379-6	1/2" X 6" GALV THREADED ROD	36	0.33 LBS
5	GW-F-04	1/2" GALV FLAT WASHER	72	0.03 LBS
6	GW-L-04	1/2" GALV LOCK WASHER	72	0.01 LBS
7	GN-04	1/2" GALV HEX NUT	72	0.04 LBS
8	MT195801	Corner Weldment Snub Nose Handrail	3	27.10 LBS
9	MT-651-96	Ø2.375" OD X 96" PIPE	3	29.07 LBS



NOTES:  
 1. ALL METRIC DIMENSIONS ARE IN BRACKETS.

**HANDRAIL FOR MC-PK8 DETAIL**  
 NOT TO SCALE



929 WIGGINGTON ROAD  
 LYNCHBURG, VA 24502



8051 CONGREE AVENUE  
 BOCA RATON, FL 33487-1307

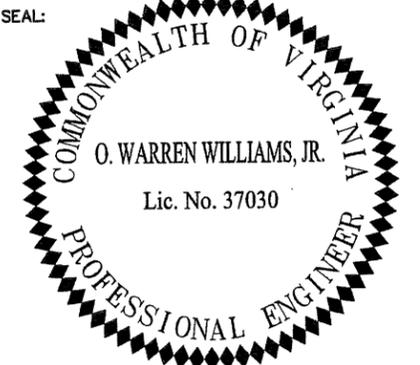
SITE NAME : FOREST RIDGE  
 SITE NUMBER : RN735  
 SITE ADDRESS : 4180 PANDAPAS ROAD  
 BLACKSBURG, VA 24060  
 TOWER OWNER : SBA TOWERS II, LLC  
 PROPERTY OWNER : SBA TOWERS II, LLC  
 COUNTY : MONTGOMERY COUNTY  
 LATITUDE : 37.286763  
 LONGITUDE : -80.469442

NO.	REVISION / ISSUE	DATE
A	ISSUED FOR REVIEW	11/12/14
0	ISSUED FOR CONSTRUCTION	12/16/14
1	ISSUED FOR CONSTRUCTION	01/16/15
2	ISSUED FOR CONSTRUCTION	01/30/15
3	ISSUED FOR CONSTRUCTION	04/28/15
4	ISSUED FOR CONSTRUCTION	05/19/15



736 CARNEROS CIRCLE HIGH POINT  
 NORTH CAROLINA, 27265

SEAL:



SIGNATURE *O. Warren Williams, Jr.*

DRAWN BY : KTM PROJECT# VA09846-A-01  
 CHECKED BY : SV SHEET 5 OF 5

MOUNT DETAILS TITLE S-3



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: FOREST RIDGE

SITE NUMBER: RN735

SITE ADDRESS:  
4180 PANDAPAS ROAD  
BLACKSBURG, VA 24060

AREA:  
LEASE AREA = 256 SQ. FT.

TOWER OWNER:  
SBA TOWERS II, LLC  
8051 CONGRESS AVENUE  
BOCA RATON, FL 33487

LATITUDE: N37° 17' 12.35"

LONGITUDE: W80° 28' 10.00"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/24/15

FOR  
ILLUSTRATIVE  
PURPOSES  
ONLY



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

PROJECT # R4022100-156395.01

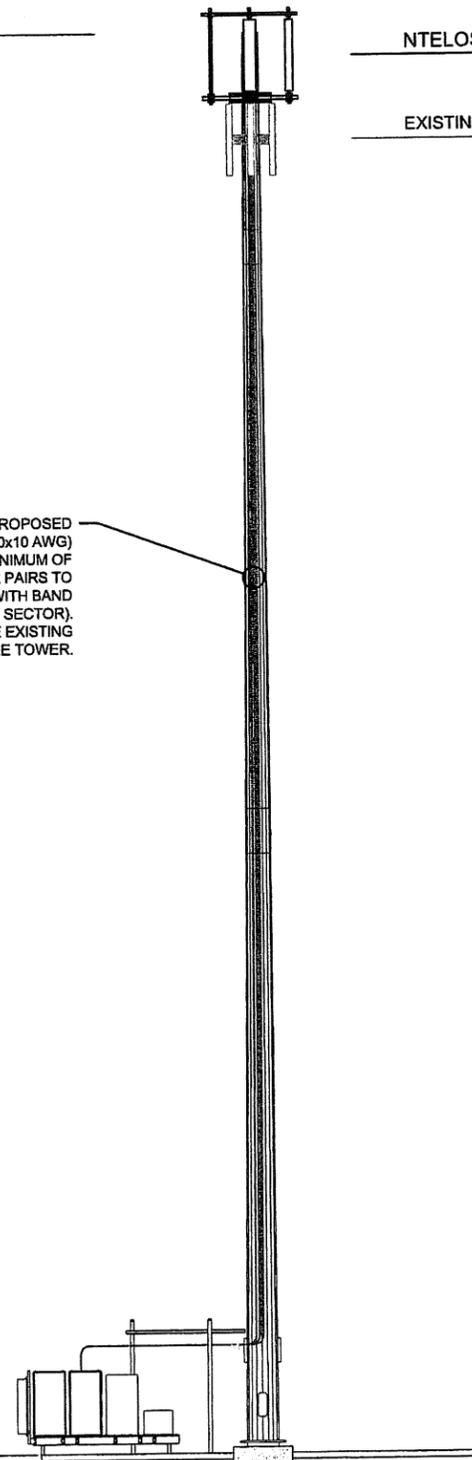
TOWER ELEVATION	SHEET
	D-1

TOP OF TOWER ELEV. = 119' (AGL)

NTELOS ANTENNAS RAD CENTER ELEV. = 117' (AGL)

EXISTING (AT&T) ANTENNAS RAD CENTER ELEV. = 110' (AGL)

PROPOSED  
(3) HYBRIFLEX (24 SM FIBERS/10x10 AWG)  
CABLE RUNS WITH A MINIMUM OF  
3 POWER PAIRS AND 8 FIBER PAIRS TO  
SUPPORT LTE OVERLAY WITH BAND  
CLASSES 4, 26, AND 41 (1 PER SECTOR).  
CABLES TO RUN INSIDE EXISTING  
MONOPOLE TOWER.



ELEV. 0' (GROUND LEVEL)

TOWER ELEVATION

CABLES

- (6) EXISTING 1-5/8" COAX CABLES - 2 PER SECTOR
- (3) HYBRIFLEX CABLES - 1 PER SECTOR  
(24 SM FIBERS/10x10 AWG)

NOTES:

1. THE TOWER AND TOWER FOUNDATION HAS BEEN DESIGNED BY OTHERS.
2. THE CONTRACTOR TO VERIFY THE COAX AND CABLE PLACEMENT WITH A REPRESENTATIVE OF THE OWNER AND/OR CURRENT STRUCTURAL ANALYSIS.
3. ALL COAX LINES TO BE STACKED PER CURRENT STRUCTURAL ANALYSIS.
4. CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE TOWER DESIGN AND/OR CURRENT STRUCTURAL ANALYSIS PERFORMED BY OTHERS.
5. THE CONTRACTOR TO VERIFY ANTENNA INFORMATION 48 HOURS PRIOR TO INSTALLING.
6. THIS DRAWING IS FOR GENERAL INFORMATION ONLY.



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: FOREST RIDGE

SITE NUMBER: RN735

SITE ADDRESS:  
4180 PANDAPAS ROAD  
BLACKSBURG, VA 24060

AREA:  
LEASE AREA = 256 SQ. FT.

TOWER OWNER:  
SBA TOWERS II, LLC  
8051 CONGRESS AVENUE  
BOCA RATON, FL 33487

LATITUDE: N37° 17' 12.35"

LONGITUDE: W80° 28' 10.00"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/24/15

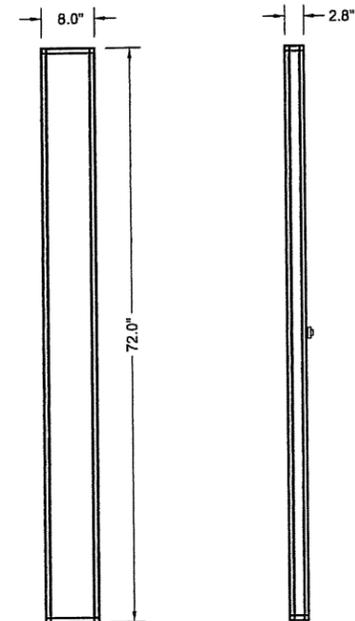
FOR  
ILLUSTRATIVE  
PURPOSES  
ONLY



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

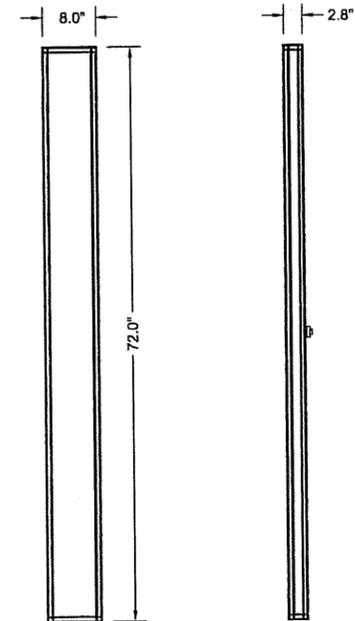
PROJECT # R4022100-156395.01

ANTENNA DETAILS SHEET  
D-2



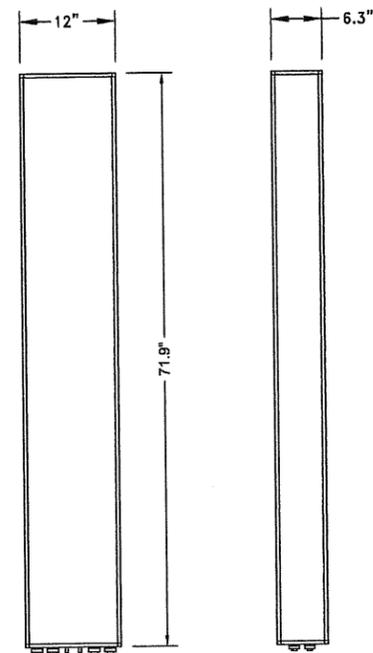
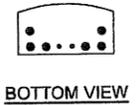
FRONT VIEW SIDE VIEW

RR90-18-00DP  
NOT TO SCALE  
72.0"Lx8.0"Wx2.8"D  
16.0 LBS



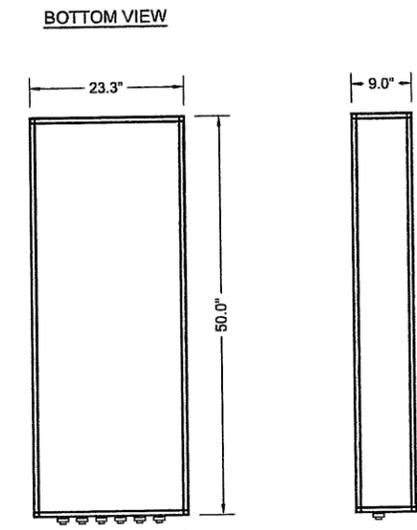
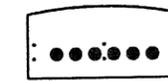
FRONT VIEW SIDE VIEW

RR65-19-00DP  
NOT TO SCALE  
72.0"Lx8.0"Wx2.8"D  
16.0 LBS



FRONT VIEW SIDE VIEW

ET-X-UW-68-14-65-18-IR-AT  
NOT TO SCALE  
71.9"Lx12.0"Wx6.3"D  
43.9 LBS



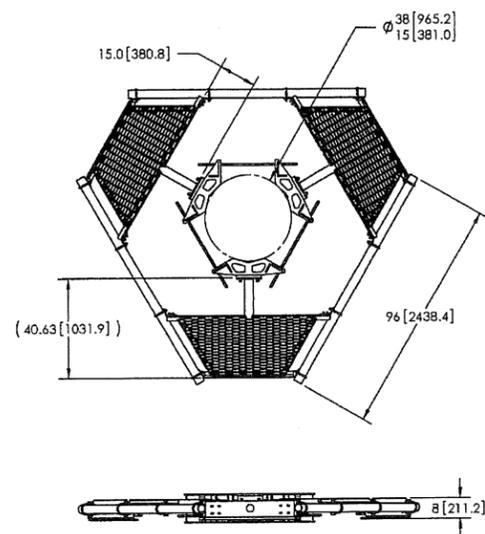
FRONT VIEW SIDE VIEW

HPA-33R-BUU-H4  
NOT TO SCALE  
50.0"Lx23.3"Wx9.0"D  
45.0 LBS

PROPOSED ANTENNA DATA								
COMPONENT	MANUFACTURER	MODEL	WIDTH (INCH)	DEPTH (INCH)	HEIGHT (INCH)	QTY	WT. EACH (LBS)	TOTAL WT. (LBS)
RADIO HEADS	ALCATEL LUCENT	ALU 4x45	11.1	11.4	25.0	3	59.5	178.5
RADIO HEADS	ALCATEL LUCENT	ALU 2x50	13	9.8	15.7	3	52.9	158.7
ANTENNA	KMW COMMUNICATIONS	ET-X-UW-68-14-65-18-IR-AT	12.0	6.3	71.9	2	43.9	87.8
ANTENNA	CCI	HPA-33R-BUU-H4	23.3	9.0	50.0	1	45.0	45.0

EXISTING ANTENNA DATA								
COMPONENT	MANUFACTURER	MODEL	WIDTH (INCH)	DEPTH (INCH)	HEIGHT (INCH)	QTY	WT. EACH (LBS)	TOTAL WT. (LBS)
ANTENNA	EMS WIRELESS	RR90-18-00DP	8.0	2.8	72.0	1	16.0	16.0
ANTENNA	EMS WIRELESS	RR65-19-00DP	8.0	2.8	72.0	2	16.0	32.0

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	MC-RM1550-3	12" - 50" OD RINGMOUNT	1	203.94 LBS
2	MT-C300601	Low Profile Co-Location Platform Snub Nose	3	130.90 LBS
3	MT196.17	MT196 Pipe Mount Plate	6	2.49 LBS
4	MTS4796	Ø3.5" O.D. X 96" PIPE	3	37.68 LBS
5	GUB-4355	1/2" X 3-5/8" X 5" GALV U-BOLT	12	1.30 LBS
6	GB-0520A	5/8" X 2" GALV BOLT KIT (A325)	12	0.27 LBS
7	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	12	0.13 LBS
8	GW-F04	1/2" GALV FLAT WASHER	12	0.06 LBS

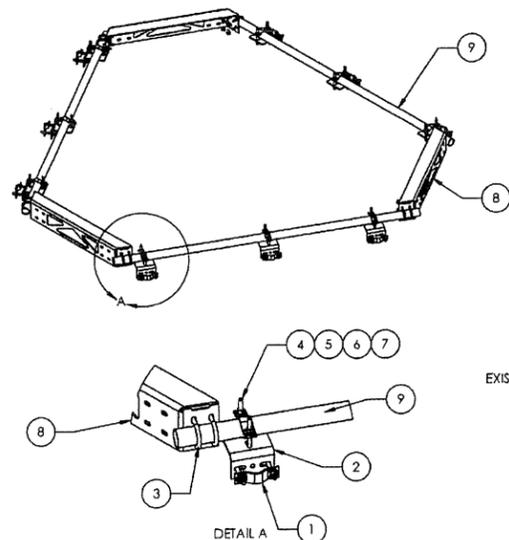


NOTES:  
 1. ALL METRIC DIMENSIONS ARE IN BRACKETS.  
 2. WILL FIT MONOPOLES 15"-38" OD.

**MC-PK8-B LOW PROFILE CO-LOCATION PLATFORM KIT, 8 FT FACE DETAIL**

NOT TO SCALE

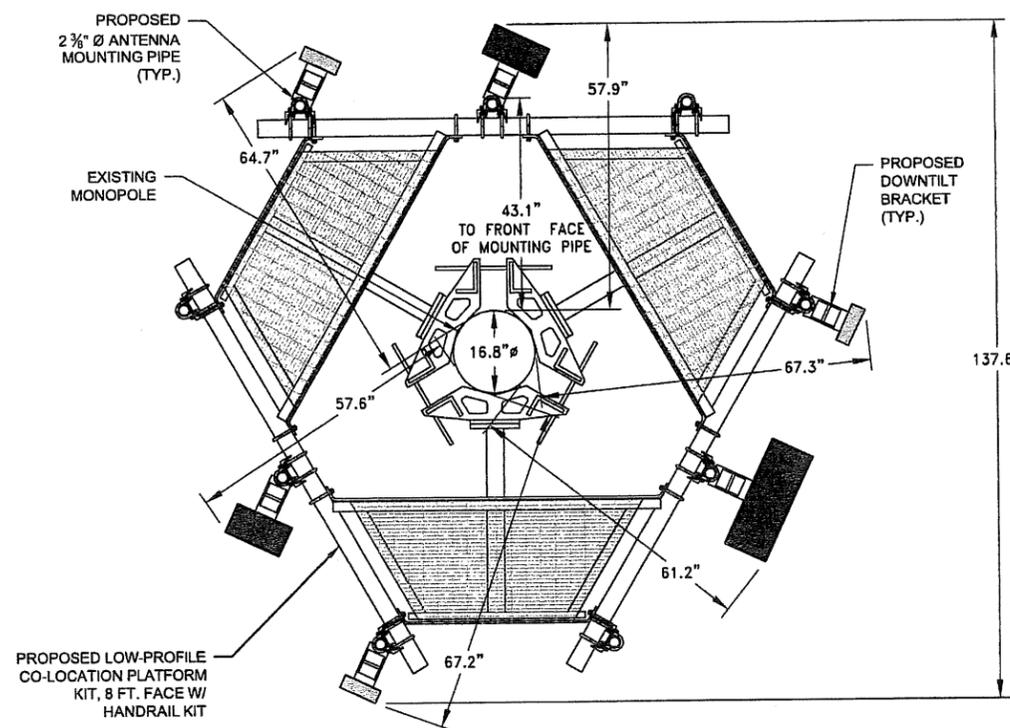
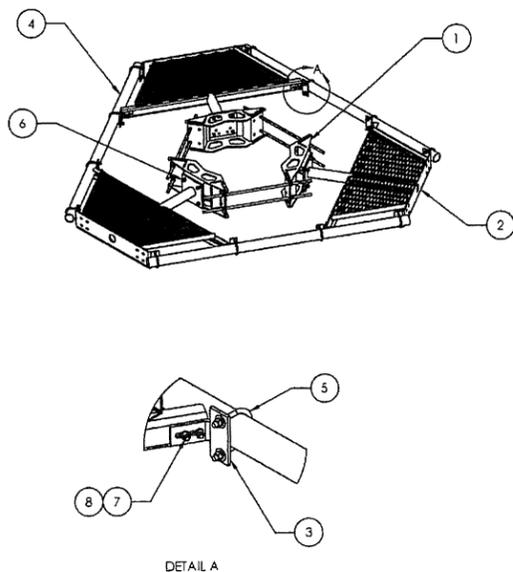
ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	ACP10	1.5" - 3.5" O.D. CLAMP HALF	18	0.61 LBS
2	XAU01	Angle BRK	9	3.59 LBS
3	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	12	0.56 LBS
4	MT-379-6	1/2" X 6" GALV THREADED ROD	36	0.33 LBS
5	GW-F04	1/2" GALV FLAT WASHER	72	0.03 LBS
6	GW-L04	1/2" GALV LOCK WASHER	72	0.01 LBS
7	GN-04	1/2" GALV HEX NUT	72	0.04 LBS
8	MT195801	Corner Weldment Snub Nose Handrail	3	27.10 LBS
9	MT-651-96	Ø2.375" OD X 96" PIPE	3	29.07 LBS



NOTES:  
 1. ALL METRIC DIMENSIONS ARE IN BRACKETS.

**HANDRAIL FOR MC-PK8 DETAIL**

NOT TO SCALE



**HORIZONTAL DISTANCE OF MOUNTING PIPE FROM MONOPOLE DETAIL**

SCALE: 1" = 3'



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: FOREST RIDGE

SITE NUMBER: RN735

SITE ADDRESS:  
4180 PANDAPAS ROAD  
BLACKSBURG, VA 24060

AREA:  
LEASE AREA = 256 SQ. FT.

TOWER OWNER:  
SBA TOWERS II, LLC  
8051 CONGRESS AVENUE  
BOCA RATON, FL 33487

LATITUDE: N37° 17' 12.35"

LONGITUDE: W80° 28' 10.00"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/24/15



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

PROJECT # R4022100-156395.01

MISCELLANEOUS DETAILS	SHEET D-3
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AT A REGULAR MEETING OF THE BOARD OF SUPERVISORS OF THE COUNTY OF MONTGOMERY, VIRGINIA HELD ON THE 11<sup>th</sup> DAY OF SEPTEMBER, 2006 AT 6:00 P.M. IN THE BOARD CHAMBERS, MONTGOMERY COUNTY GOVERNMENT CENTER, 755 ROANOKE STREET, CHRISTIANSBURG, VIRGINIA:

**R-FY-07-38  
RESOLUTION GRANTING A SPECIAL USE PERMIT  
TO LAWRENCE R. PRICE, JR.,  
FOR THE PURPOSE OF LOCATING  
A 120 FOOT TELECOMMUNICATIONS TOWER  
ON THE NORTH SIDE OF PANDAPAS POND ROAD  
IN THE MOUNT TABOR MAGISTERIAL DISTRICT  
ON PARCEL ID NUMBERS 015133 & 006778,  
TAX MAP NUMBERS 14-A-2A & 14-A-4A**

On a motion by Gary D. Creed, seconded by Mary W. Biggs and carried unanimously,

BE IT RESOLVED, By the Board of Supervisors of Montgomery County, Virginia that the Lawrence R. Price, Jr. (Agent: Debbie Balsler, NTELOS) request for a special use permit to allow a one-hundred and twenty (120) foot tall telecommunications tower and associated ground equipment cabinets is hereby approved subject to the following conditions:

1. This tower shall not exceed a total overall height of one hundred and twenty (120) feet and shall not have lighting. Tower shall have a base diameter not to exceed thirty (30) inches and a top diameter of sixteen (16) inches.
2. Site development shall be in substantial compliance with the plans entitled, "NTELOS Concept Plan, RN 735 Forest Ridge (Price)" prepared by Terradon Engineering Corporation dated August 7, 2006.
3. Tower shall be of a "monopole stealth design" where all antennae shall be flush mounted (distance between face of pole and outer face of antennas not to exceed 12 inches) on the structure. Tower shall be painted brown (Twisted Branch or similar). All wiring and cables shall be located inside the pole structure.
4. Engineering plans signed and sealed by a licensed engineer in the State of Virginia shall be submitted and approved by the Building official prior to issuance of a building permit.

5. No platforms or dishes shall be permitted on the structure above the tree line.
6. Tower shall meet all regulations found in Section 10-48(6) of the county zoning ordinance.
7. All trees on the property (within 50 feet of the proposed lease area) shall be maintained and not removed except for damaged or diseased trees.
8. Supplemental power, if necessary, shall be provided by a propane-powered generator. No permanent gasoline or diesel fuel source shall be permitted.
9. Owner/agent shall provide emergency services antennae space on the proposed tower for the agreed upon rental rate of \$1 per year subject to the structural capacity of the tower and provided that the emergency services' antennae do not provide radio frequency interference to other antennae located upon the tower. Emergency services shall provide equipment. Tower owner/agent shall install the antennae at market rate.

The property is located on the north side of Pandapas Pond Road (Route 460) approximately 2000 feet east of the Giles County line and is identified as Tax Parcel Nos. 14-A-2A & 14-A-4A (Acct ID # 015133 & 006778) in the Mount Tabor Magisterial District (District A). The property currently lies in an area designated as Resource Stewardship in the Comprehensive Plan

The vote on the foregoing motion was as follows:

<u>AYE</u>	<u>NAY</u>	<u>ABSENT</u>
James D. Politis	None	Annette S. Perkins
John A. Muffo		
Gary D. Creed		
Doug Marrs		
Mary W. Biggs		
Steve L. Spradlin		

ATTEST: B. Clayton Goodman, III  
 B. Clayton Goodman, III  
 County Administrator

nTelos

RN735

4180 Pandapas Pond

SU-2015-13036



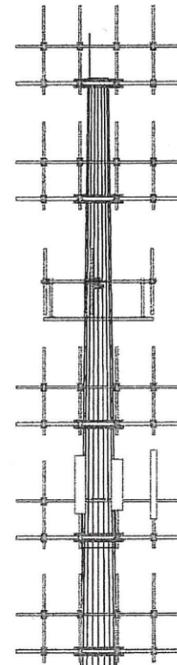
01/08/2015



01/08/2015 13:21

TOP OF LIGHTNING ROD ELEV. = 132'

TOP OF TOWER ELEV. = 128'



EXISTING ANTENNAS RAD CENTER ELEV. = 129'-8"  
(U.S. CELLULAR)

EXISTING ANTENNAS RAD CENTER ELEV. = 121'  
(AT&T)

EXISTING ANTENNAS RAD CENTER ELEV. = 109'-6"  
(T-MOBILE)

EXISTING ANTENNAS RAD CENTER ELEV. = 99'  
(VERIZON)

EXISTING ANTENNAS RAD CENTER ELEV. = 91'  
(NTELOS)

EXISTING PLATFORM MOUNT ELEV. = 75'-10"  
(EMPTY)

ELEV. 0' (BASE OF MONOPOLE)

TOWER ELEVATION



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: VTCRC

SITE NUMBER: RN758

SITE ADDRESS:  
208 S. KNOLLWOOD DRIVE  
BLACKSBURG, VA 24062

AREA:  
LEASE AREA = 288 SQ. FT.

TOWER OWNER:  
KALER COMMUNICATIONS, LLC  
P.O. BOX 10397  
BLACKSBURG, VA 24062

LATITUDE: N37° 12' 01.07"

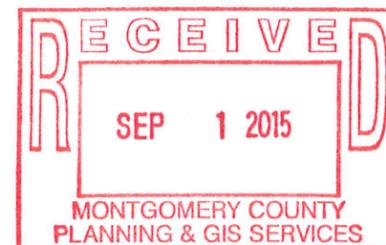
LONGITUDE: W80° 24' 08.33"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/27/15

FOR  
ILLUSTRATIVE  
PURPOSES  
ONLY



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE



PROJECT # R4022100-150113.01

TOWER ELEVATION SHEET  
D-1



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: VTCRC

SITE NUMBER: RN758

SITE ADDRESS:  
208 S. KNOLLWOOD DRIVE  
BLACKSBURG, VA 24062

AREA:  
LEASE AREA = 288 SQ. FT.

TOWER OWNER:  
KALER COMMUNICATIONS, LLC  
P.O. BOX 10397  
BLACKSBURG, VA 24062

LATITUDE: N37° 12' 01.07"

LONGITUDE: W80° 24' 08.33"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/27/15

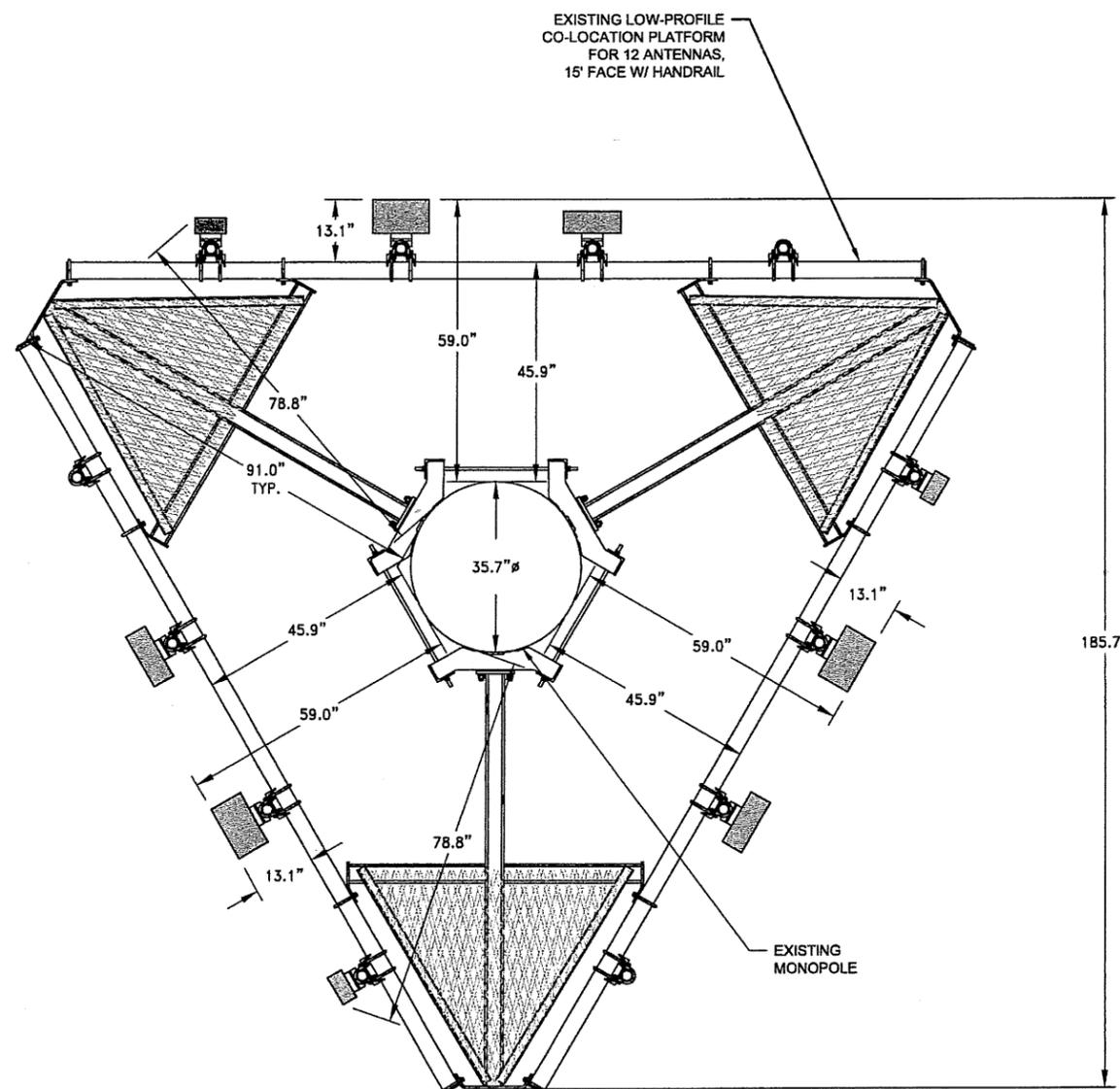


400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

PROJECT # R4022100-150113.01

MISCELLANEOUS  
DETAILS

SHEET  
D-2



**NTELOS PLATFORM**

GRAPHIC SCALE



1 INCH = 3 FEET



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: VTCRC

SITE NUMBER: RN758

SITE ADDRESS:  
208 S. KNOLLWOOD DRIVE  
BLACKSBURG, VA 24062

AREA:  
LEASE AREA = 288 SQ. FT.

TOWER OWNER:  
KALER COMMUNICATIONS, LLC  
P.O. BOX 10397  
BLACKSBURG, VA 24062

LATITUDE: N37° 12' 01.07"

LONGITUDE: W80° 24' 08.33"

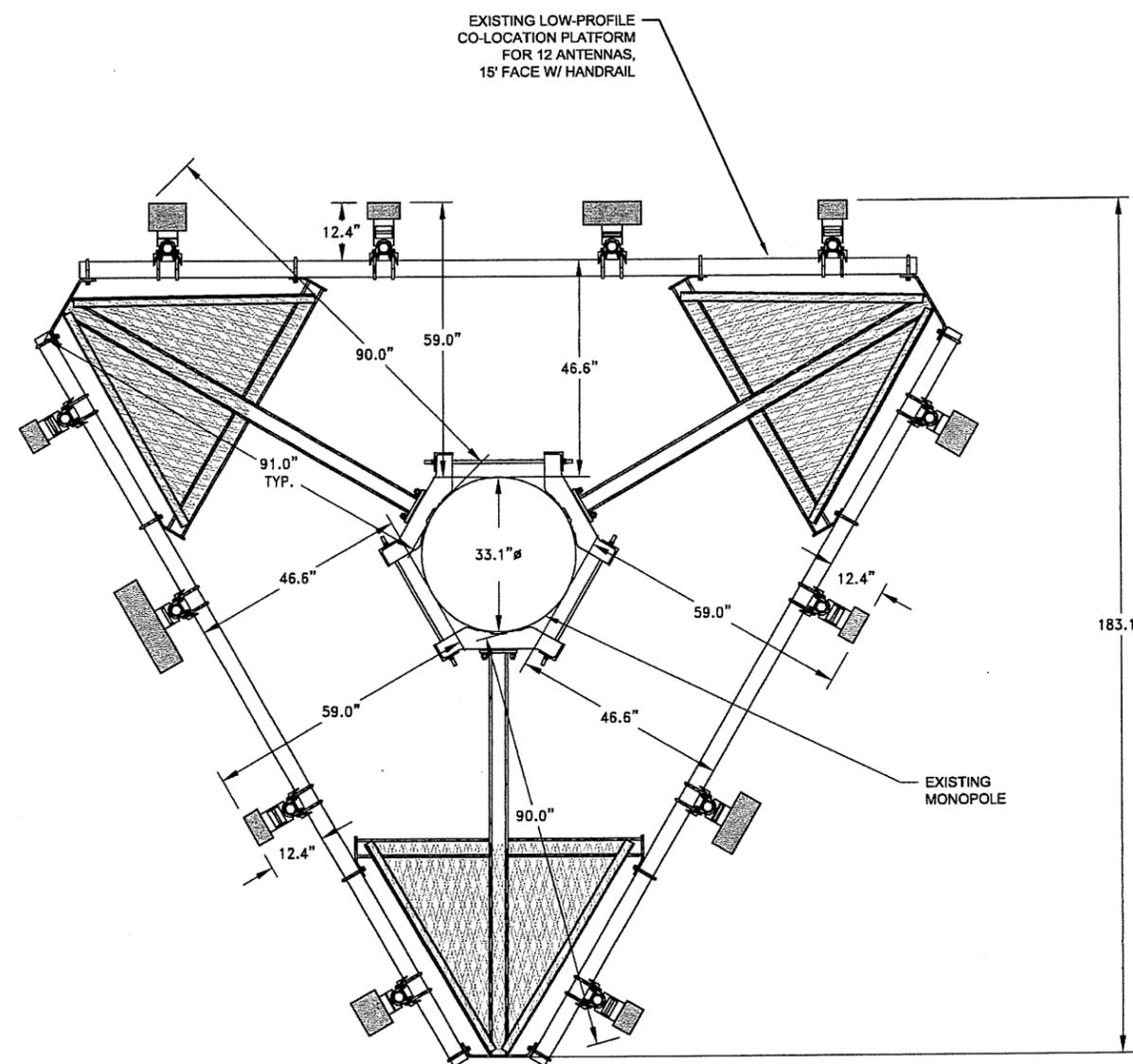
NO.	REVISION/ISSUE	DATE
1	ISSUED	08/27/15



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

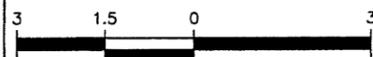
PROJECT # R4022100-150113.01

MISCELLANEOUS DETAILS	SHEET
	D-3



### VERIZON PLATFORM

GRAPHIC SCALE



1 INCH = 3 FEET



1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: VTCRC

SITE NUMBER: RN758

SITE ADDRESS:  
208 S. KNOLLWOOD DRIVE  
BLACKSBURG, VA 24062

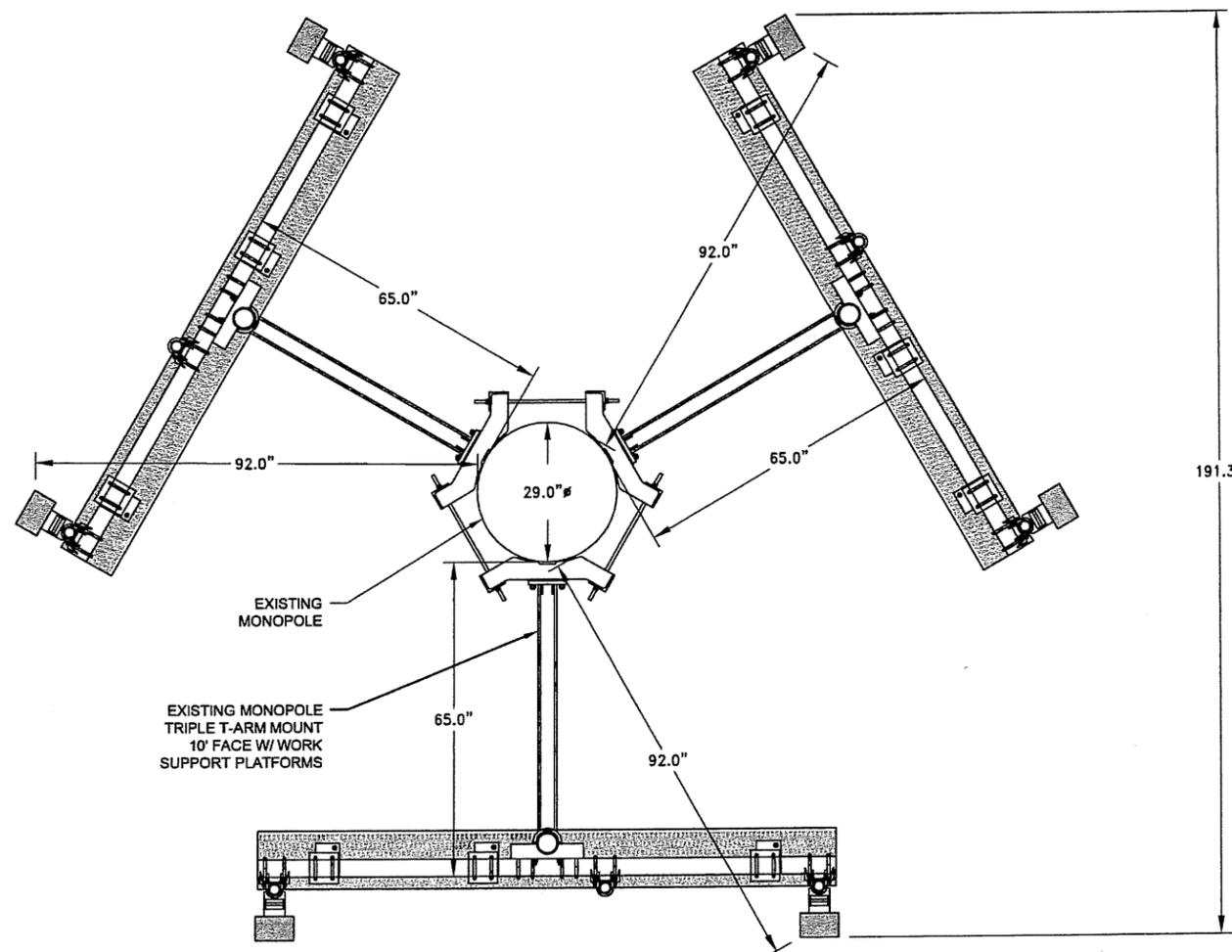
AREA:  
LEASE AREA = 288 SQ. FT.

TOWER OWNER:  
KALER COMMUNICATIONS, LLC  
P.O. BOX 10397  
BLACKSBURG, VA 24062

LATITUDE: N37° 12' 01.07"

LONGITUDE: W80° 24' 08.33"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/27/15



### T-MOBILE TRIPLE T-ARM MOUNT

GRAPHIC SCALE



1 INCH = 3 FEET



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

PROJECT # R4022100-150113.01

MISCELLANEOUS DETAILS	SHEET D-4
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1150 SHENANDOAH VILLAGE DRIVE  
WAYNESBORO, VA 22980

SITE NAME: VTCRC

SITE NUMBER: RN758

SITE ADDRESS:  
208 S. KNOLLWOOD DRIVE  
BLACKSBURG, VA 24062

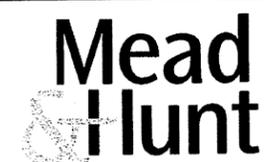
AREA:  
LEASE AREA = 288 SQ. FT.

TOWER OWNER:  
KALER COMMUNICATIONS, LLC  
P.O. BOX 10397  
BLACKSBURG, VA 24062

LATITUDE: N37° 12' 01.07"

LONGITUDE: W80° 24' 08.33"

NO.	REVISION/ISSUE	DATE
1	ISSUED	08/27/15

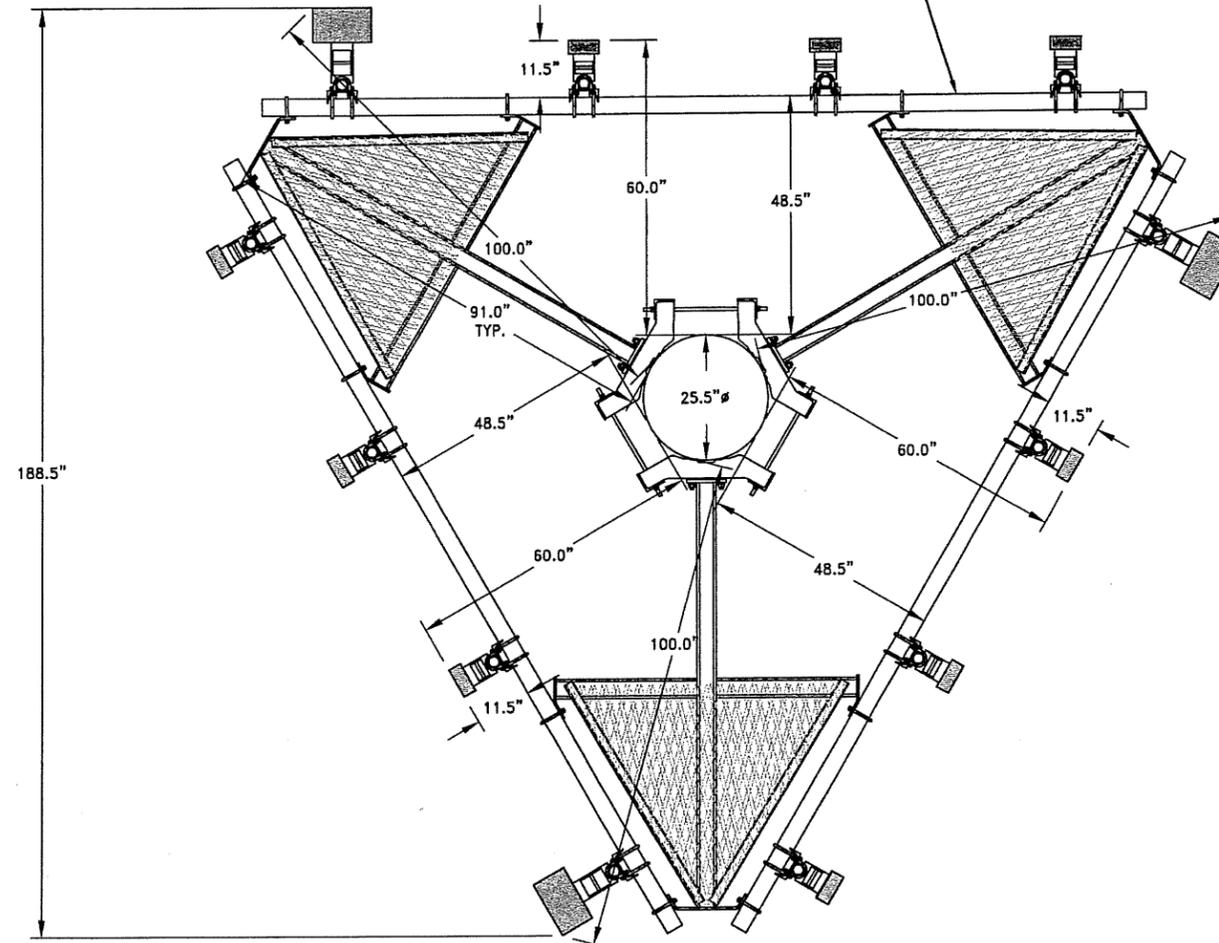


400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

PROJECT # R4022100-150113.01

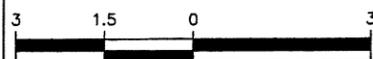
MISCELLANEOUS DETAILS	SHEET
	D-5

EXISTING LOW-PROFILE  
CO-LOCATION PLATFORM  
FOR 12 ANTENNAS,  
15' FACE W/ HANDRAIL



AT&T PLATFORM

GRAPHIC SCALE



1 INCH = 3 FEET



1150 SHENANDOAH VILLAGE DRIVE  
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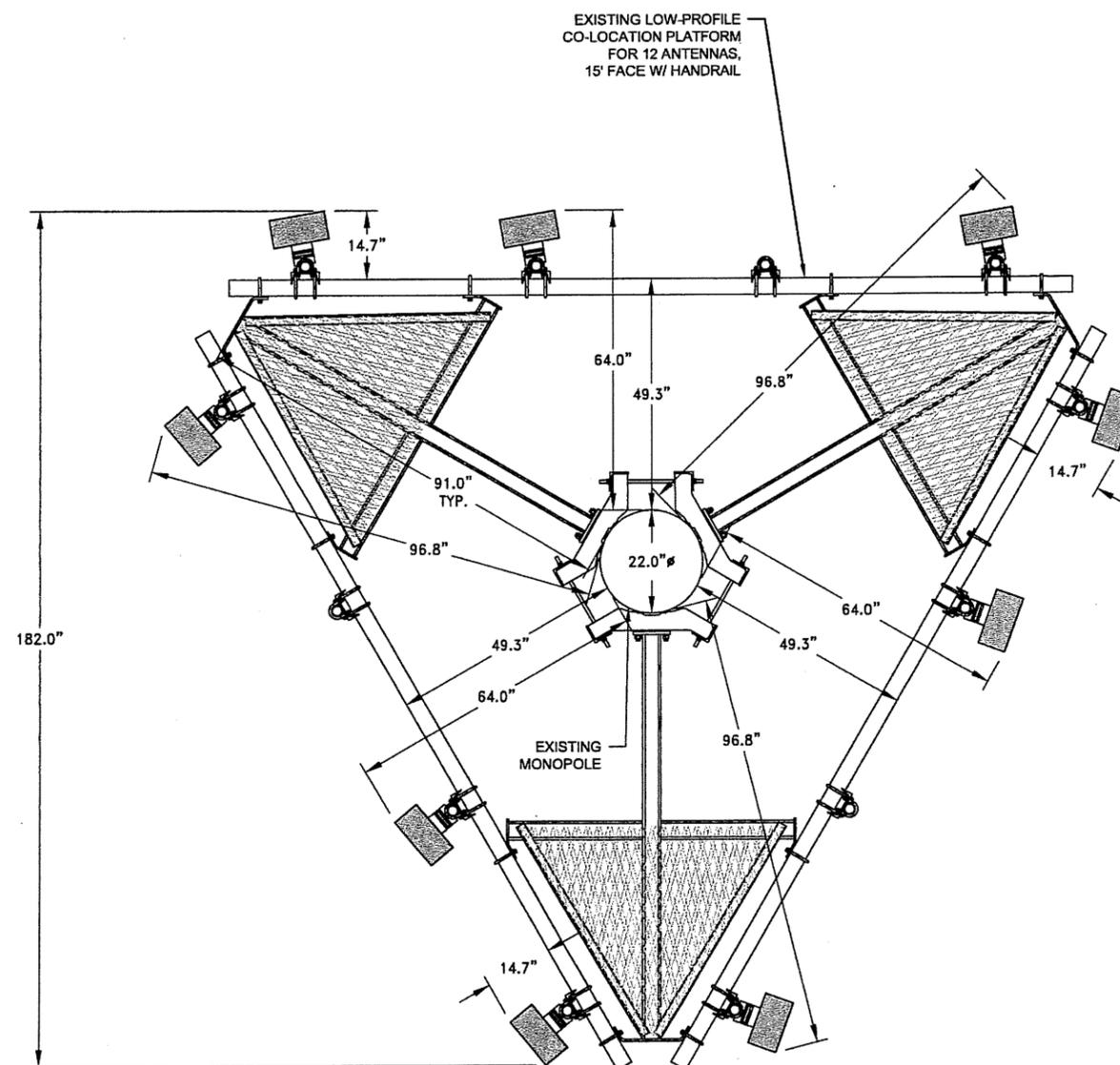
NO.	REVISION/ISSUE	DATE
1	ISSUED	08/27/15



400 TRACY WAY  
SUITE 200  
CHARLESTON, WV 25311  
(304) 345-6712 PHONE

PROJECT # R4022100-150113.01

MISCELLANEOUS DETAILS	SHEET
	D-6



### U.S. CELLULAR PLATFORM

GRAPHIC SCALE



1 INCH = 3 FEET