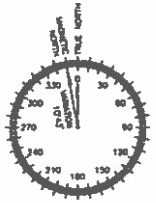


Milestone
COMMUNICATIONS

SITE NAME:

MCDUFF GREEN PARK

NEW 50'-0"x50'-0" FENCED COMPOUND AND NEW 150'-0" MONOPOLE

NOTE TO GENERAL CONTRACTOR

NO WORK IS TO BE PERFORMED ON THIS SITE WITHOUT REVIEW OF THE APPROVED STRUCTURAL ANALYSIS. IF ANY DISCREPANCIES ARE FOUND THE GENERAL CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING. AT NO TIME WILL ANY ADDITIONAL ANTENNAS BE INSTALLED WITHOUT WRITTEN CONSENT FROM TOWER ENGINEER.

STRUCTURAL NOTE:

ADVANTAGE ENGINEERS IS NOT RESPONSIBLE FOR DESIGN OR STRUCTURAL CERTIFICATION OF NEW ANTENNA MOUNTS REQUIRED FOR THE INSTALLATION OF THE PROPOSED EQUIPMENT ASSOCIATED WITH THIS PROJECT. PLEASE REFER TO THE STRUCTURAL ANALYSIS COMPLETED BY OTHERS FOR ALL STRUCTURAL INFORMATION RELATED TO THE ANTENNA MOUNTS.

SITE INFORMATION

SITE NAME	MCDUFF GREEN PARK
SITE ADDRESS	75 JAMES ASHBY PARKWAY FALMOUTH, VIRGINIA 22405
JURISDICTION	STAFFORD COUNTY, VIRGINIA
ZONING	A1
TAX ACCOUNT ID	56-35A
MAP / PARCEL	0056 / 0056
PARCEL SIZE / COMPOUND SIZE	54.95 AC. / 2500 S.F.
SITE COORDINATES	N 38° 18' 31.31" (NAD 83) W 77° 28' 44.58" (NAD 83)
GROUND ELEVATION	49' ± (NAVD 88)
STRUCTURE TYPE	MONOPOLE
STRUCTURE HEIGHT	150' ± AGL (TOP OF MONOPOLE)
GROUND LANDLORD NAME	STAFFORD COUNTY BOARD OF SUPERVISORS
GROUND LANDLORD ADDRESS	PO BOX 339 STAFFORD, VIRGINIA 22555
APPLICANT	MILESTONE COMMUNICATIONS 12110 SUNSET HILLS ROAD, SUITE 110 RESTON, VIRGINIA 20190
APPLICANT PHONE	(703) 620-2536
APPLICANT FAX	(703) 620-0009

CODE ANALYSIS

BUILDING CODE	2012 VIRGINIA CONSTRUCTION CODE
ELECTRICAL CODE	NEC 2011
FIRE SAFETY CODE	2012 VIRGINIA SFPC
USE GROUP	U (UTILITY)
CONSTRUCTION TYPE	5B

PROJECT DESCRIPTION

1. INSTALL NEW 50'-0"x50'-0" FENCED COMPOUND AND NEW 150'-0" MONOPOLE TO BE INSTALLED.
2. NEW ELECTRICAL SERVICE TO BE INSTALLED.
3. NEW TELEPHONE SERVICE TO BE INSTALLED.

AREA MAP

FALMOUTH, VIRGINIA
SCALE: 1" = 2000'-0"

DIRECTIONS:

HEADING FROM 12110 SUNSET HILLS DOAD/VAR: DEPART VA-674 WEST / SUNSET HILLS ROAD. TAKE RAMP RIGHT. THEN RIGHT ONTO VA-606 SOUTH / FAIRFAX COUNTY PARKWAY / JOHN F JACK HERSHEY PARKWAY. TAKE RAMP RIGHT AND FOLLOW SIGNS FOR VA-4 25. THEN LEFT ONTO VA-123 SOUTH / OX ROAD. TAKE RAMP RIGHT FOR I-95 SOUTH. AT EXIT 130A, TAKE RAMP RIGHT FOR VA-3 EAST. THEN RIGHT ONTO VA-3 EAST / KINGS HIGHWAY. THEN RIGHT ONTO JAMES ASHBY PARKWAY. ARRIVE AT SITE.

SHEET INDEX

DRAWING SHEET	DRAWING TITLE
T-1	TITLE SHEET
Z-1	SITE PLAN
C-1	COMPOUND PLAN
C-2	LANDSCAPE PLAN
C-3	ELEVATION
C-4	CONSTRUCTION DETAILS
C-5	CONSTRUCTION DETAILS (CONT.)
A-1	ANTENNA LAYOUT & SCHEDULE

MILESTONE COMMUNICATIONS REVIEW

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

MILESTONE COMMUNICATIONS ZONING _____ DATE _____

MILESTONE COMMUNICATIONS S.A. _____ DATE _____

MILESTONE COMMUNICATIONS CONST. _____ DATE _____

MILESTONE COMMUNICATIONS A&E MGR. _____ DATE _____

PROPERTY OWNER _____ DATE _____

Milestone
COMMUNICATIONS
12110 SUNSET HILLS ROAD, SUITE 110
RESTON, VIRGINIA 20190
TEL (703) 620-2536
FAX (703) 620-0009

advantage engineers
7175 GUILFORD DRIVE, SUITE 100
COLUMBIA, MARYLAND 21046
PHONE (410) 997-0555
www.advantage-engineers.com

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
1		
2		
3		
4		
5		
6		
7	06-17-15	ISSUED FOR ZONING
8	06-19-15	ISSUED FOR 60% REVIEW (ZDs)

DRAWN BY:	TA
CHECKED BY:	
SCALE:	NOTED
JOB NO:	[illegible]

DRAWING TITLE:

TITLE SHEET

DRAWING SHEET:

T-1

SHEET NUMBER:

1 OF 8

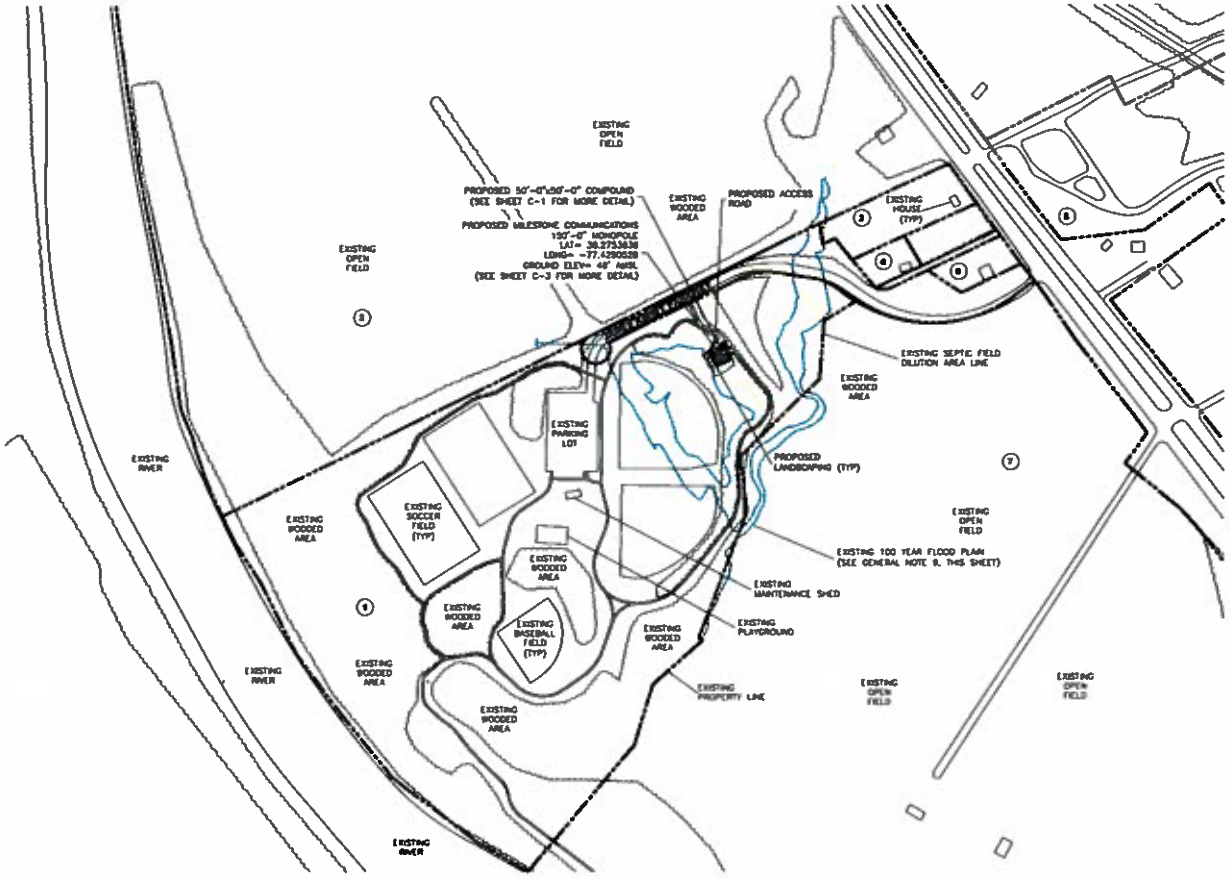
SITE INFORMATION:

SITE NAME:
MCDUFF GREEN PARK

SITE ADDRESS:
75 JAMES ASHBY PARKWAY
FALMOUTH, VIRGINIA 22405

JURISDICTION:
STAFFORD COUNTY

ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # 040406



1 SITE PLAN
SCALE: 1"=200'

GRAPHIC SCALE

(IN FEET)
1 inch = 200ft.

SCALE BASED ON FULL SIZE 24"x36" SHEETS ONLY
(DO NOT USE SCALE ON OTHER SIZE SHEETS)

GENERAL NOTES:

1. THIS PLAN WAS PREPARED USING AN APPROVED PLAN ENTITLED SURVEY BY POINT TO POINT LAND SURVEYORS, DATED 06-13-2013 AND SHOULD NOT BE CONSTRUED AS AN ACCURATE SURVEY.
2. THE PROPOSED FACILITY WILL CAUSE "DE MINIMIS" INCREASE IN STORMWATER RUNOFF. THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
3. NO NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
4. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. (THERE IS NO HANDICAP ACCESS REQUIRED).
5. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
6. ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).
7. THE PROPOSED DEVELOPMENT DOES NOT INCLUDE STREET SIGNS OF ANY TYPE.
8. THE PROPOSED DEVELOPMENT DOES NOT INCLUDE OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES.
9. ACCORDING TO THE F.I.R.M. COMMUNITY PANEL #24093C0244E, DATED 10-16-12, THE PROPOSED SITE IS NOT IN A FLOOD PLAIN.

ADJOINER PROPERTY OWNER INFORMATION:

1. OWNER NAME: BOARD OF SUPERVISORS OF STAFFORD
MAILING ADDRESS: 75 JAMES ABBY PARKWAY
FREDERICKSBURG, VIRGINIA 22405
ZONING: A1
TAX ACCOUNT #: 59-36A
LAND AREA: 56.65 AC.

2. OWNER NAME: KINDALL LILLIAN C. TRUST
MAILING ADDRESS: 364 KINGS HIGHWAY
FREDERICKSBURG, VIRGINIA 22405
ZONING: A1
TAX ACCOUNT #: 59-38
LAND AREA: 188.00 AC.

3. OWNER NAME: ABDUL M. KASHEN
PREMISES ADDRESS: 413 KINGS HIGHWAY
FREDERICKSBURG, VIRGINIA 22405
ZONING: B1
TAX ACCOUNT #: 59-32
LAND AREA: 1.80 AC.

4. OWNER NAME: WILLIAM & FRANCES H. WILLIAMS
PREMISES ADDRESS: 622 KINGS HIGHWAY
FREDERICKSBURG, VIRGINIA 22405
ZONING: A1
TAX ACCOUNT #: 59-34
LAND AREA: 0.87 AC.

5. OWNER NAME: JANET C. LITSENBURG
PREMISES ADDRESS: 637 KINGS HIGHWAY
FREDERICKSBURG, VIRGINIA 22405
ZONING: A1
TAX ACCOUNT #: 59C-1-2
LAND AREA: 12.39 AC.

6. OWNER NAME: SCOTT Y. & VICTORIA L. NICHOLS
PREMISES ADDRESS: 634 KINGS HIGHWAY
FREDERICKSBURG, VIRGINIA 22405
ZONING: A1
TAX ACCOUNT #: 59C-2-9
LAND AREA: 5.77 AC.

7. OWNER NAME: COUNTY OF STAFFORD
PREMISES ADDRESS: 635 KINGS HIGHWAY
FALMOUTH, VIRGINIA 22405
ZONING: A1
TAX ACCOUNT #: 59C-2-8
LAND AREA: 12.51 AC.

811
Know what's below.
Call before you dig.

Milestone COMMUNICATIONS
12110 SUNSET HILLS ROAD, SUITE 130
RESTON, VIRGINIA 20190
TEL: (703) 620-2555
FAX: (703) 620-0009

advantage engineers
7100 DANIEL MORAN DRIVE, SUITE 100
COLUMBIA, MARYLAND 21045
PHONE: (443) 367-0000
www.advantage@ae-md.com

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
0		
1		
2		
3		
4		
5		
6		
C	06-17-15	ISSUED FOR ZONING
A	06-15-15	ISSUED FOR INT. REVIEW (ZRs)

DRAWN BY: TA
CHECKED BY:
SCALE: NOTED
JOB NO: [illegible]

DRAWING TITLE:
SITE PLAN

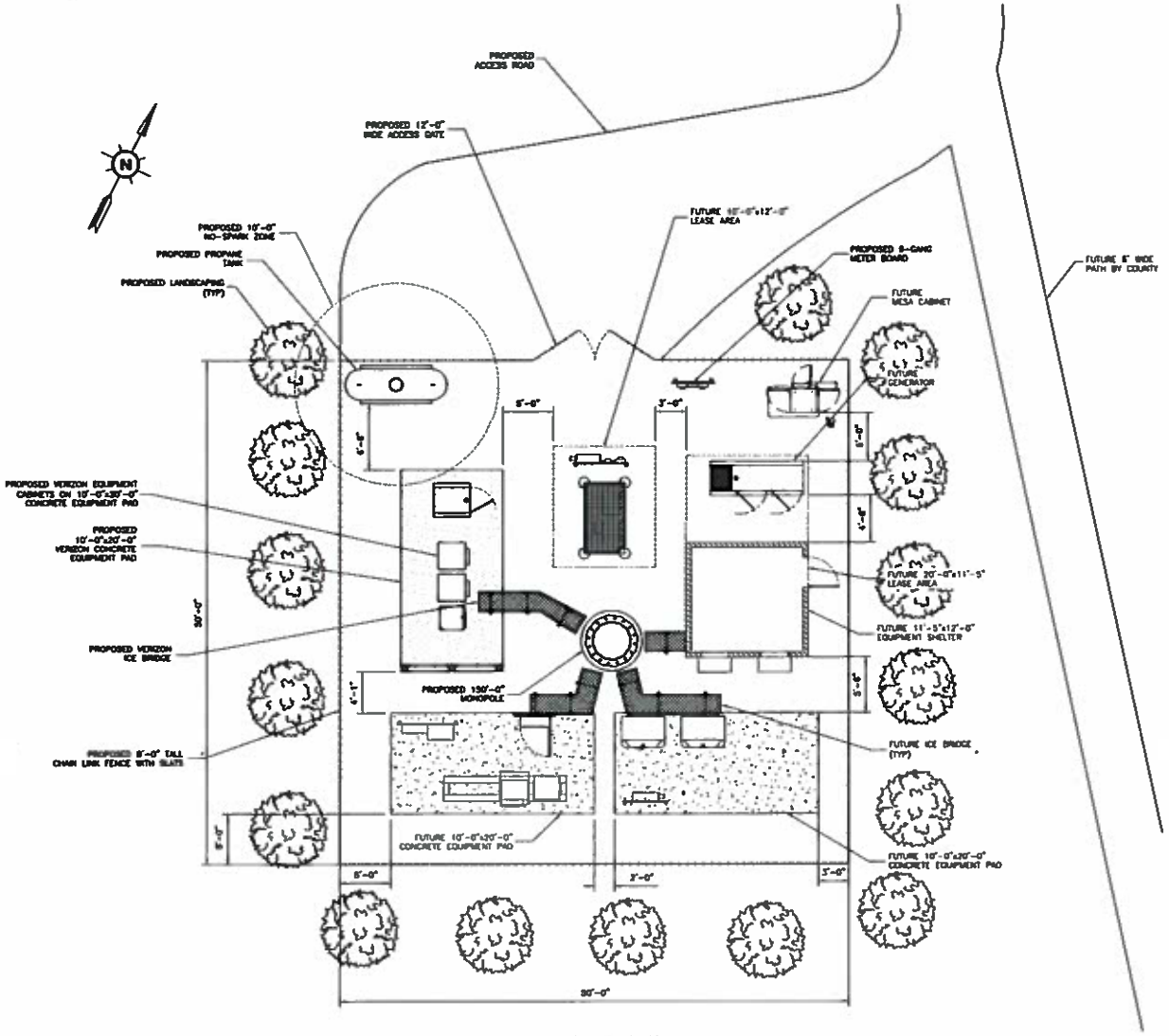
DRAWING SHEET:
Z-1

SHEET NUMBER:
2 OF 8

SITE INFORMATION:
SITE NAME:
MCDUFF GREEN PARK
SITE ADDRESS:
75 JAMES ABBY PARKWAY
FALMOUTH, VIRGINIA 22405
JURISDICTION:
STAFFORD COUNTY

COMMONWEALTH OF VIRGINIA
ANDREW M. MILLER
No. [illegible]
6/19/15
PROFESSIONAL ENGINEER

ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # [illegible]



COMPOUND PLAN

GRAPHIC SCALE

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC AUTHORITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
3. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK. MINOR OMISSIONS OR ERRORS IN THE BID PROJECT IN ACCORDANCE WITH THE OVERALL INTENT OF THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THIS FACILITY.
5. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
7. THIS PLAN WAS PREPARED USING AN APPROVED PLAN ENTITLED SURVEY BY POINT TO POINT LAND SURVEYORS, DATED 05-13-2015 AND SHOULD NOT BE CONSTRUED AS AN ACCURATE SURVEY.
8. THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORMWATER RUNOFF, THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
9. NO NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
10. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (THERE IS NO HANDICAP ACCESS REQUIRED).
11. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
12. POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.
13. CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZIMUTH WITH RF ENGINEERING PRIOR TO INSTALLATION.
14. MOUNTS AND ANTENNAS ARE DESIGNED TO MEET ANSI/TIA-222-G AS PER 2012 VCC REQUIREMENTS.
15. ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.
16. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITIES PRIOR TO EXCAVATING.
17. IF ANY PIPING EXISTS BENEATH THE SITE AREA, CONTRACTOR MUST LOCATE IT AND CONTACT OWNERS REPRESENTATIVE.
18. CONSTRUCTION TO COMMENCE UPON COMPLETION OF A PASSING STRUCTURAL ANALYSIS. STRUCTURAL ANALYSIS TO BE PERFORMED BY OTHERS.

811
Know what's below.
Call before you dig.

Milestone COMMUNICATIONS
11114 SUNSET HILLS ROAD, SUITE 100
RESTON, VIRGINIA 20190
TEL (703) 620-2555
FAX (703) 620-0009

advantage engineers
[illegible]
COLUMBIA, MARYLAND 21046
PHONE [illegible]
[illegible]

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
0		
1		
2		
3		
4		
5		
6		
7	06-15-15	ISSUED FOR ZONING
8	06-15-15	ISSUED FOR 90% REVIEW (ZONING)

DRAWN BY: TA
CHECKED BY:
SCALE: NOTED
JOB NO: [illegible]

DRAWING TITLE:
COMPOUND PLAN

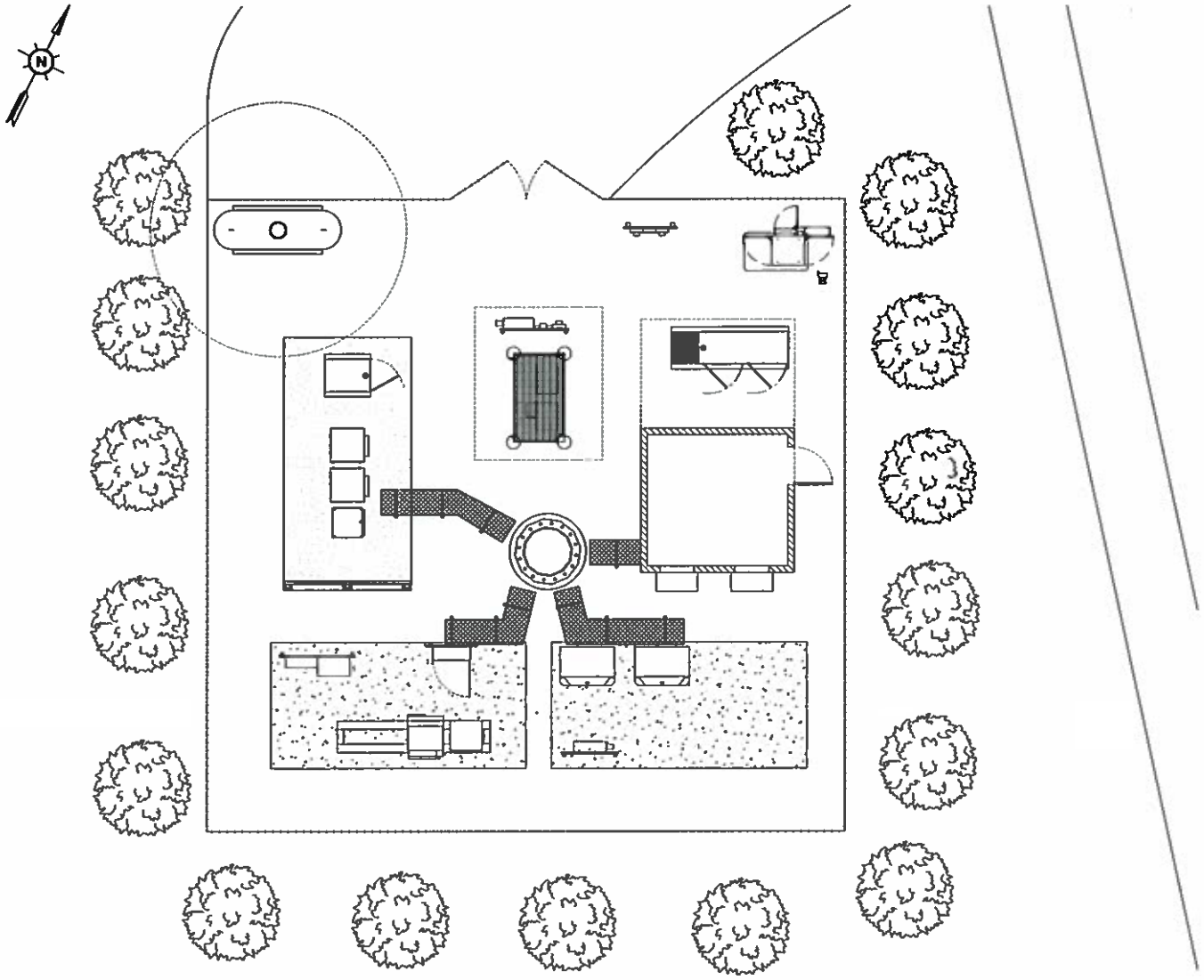
DRAWING SHEET:
C-1

SHEET NUMBER:
3 OF 8

SITE INFORMATION:
SITE NAME:
MCDUFF GREEN PARK
SITE ADDRESS:
78 JAMES ASHBY PARKWAY
FALMOUTH, VIRGINIA 22405
JURISDICTION:
STAFFORD COUNTY

COMMONWEALTH OF VIRGINIA
ANDREW H. DILLER
No. [illegible]
6/9/15
PROFESSIONAL ENGINEER

ANDREW H. DILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # [illegible]



LANDSCAPE PLAN

GRAPHIC SCALE

PLANT PALETTE

VIRGINIA PINE 10' - 12'

COUNT: 16

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SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
0		
1		
2		
3		
4		
5		
6	06-17-15	ISSUED FOR ZONING
7	06-19-15	ISSUED FOR 90% REVIEW (ZONE)

DRAWN BY: TA

CHECKED BY:

SCALE: NOTED

JOB NO: [illegible]

DRAWING TITLE:

LANDSCAPE PLAN

DRAWING SHEET:

C-2

SHEET NUMBER:

4 OF 8

SITE INFORMATION:

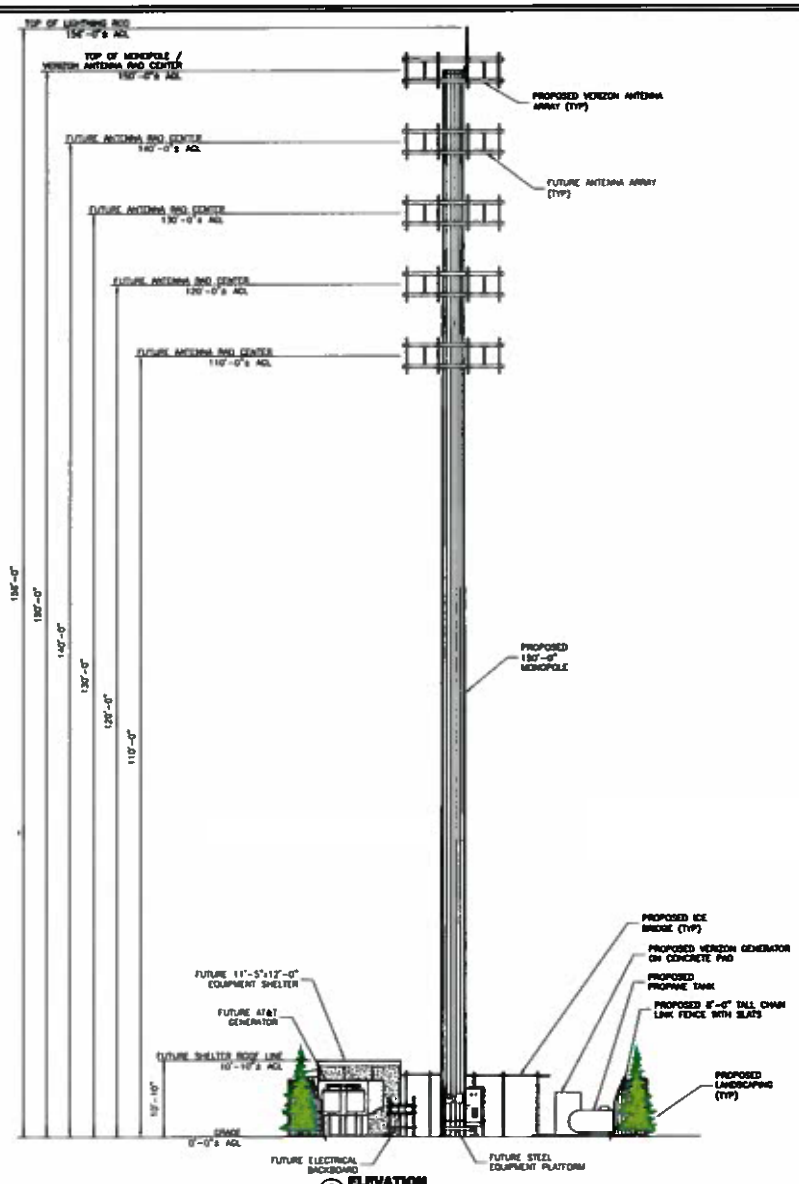
SITE NAME:
MCDUFF GREEN PARK

SITE ADDRESS:
75 JAMES ASHBY PARKWAY
FALMOUTH, VIRGINIA 22405

JURISDICTION:
STAFFORD COUNTY

COMMONWEALTH OF VIRGINIA
ANDREW M. MILLER
No. [illegible]
6/17/15
PROFESSIONAL ENGINEER

ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # [illegible]



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SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
6		
5		
4		
3		
2		
1		
0	06-17-15	ISSUED FOR ZONING
A	06-15-15	ISSUED FOR 90% REVIEW (25%)

DRAWN BY: TA

CHECKED BY:

SCALE: NOTED

JOB NO: [illegible]

DRAWING TITLE:

ELEVATION

DRAWING SHEET:

C-3

SHEET NUMBER:

5 OF 8

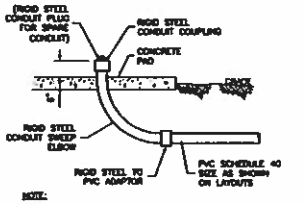
SITE INFORMATION:

SITE NAME:
MCDUFF GREEN PARK

SITE ADDRESS:
75 JAMES ASHBY PARKWAY
FALMOUTH, VIRGINIA 22405

JURISDICTION:
STAFFORD COUNTY

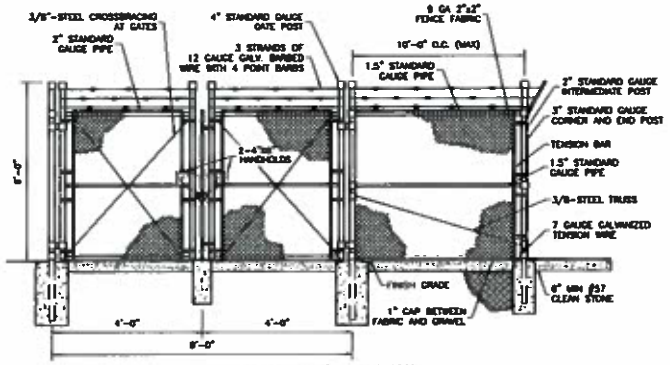
ANDREW M. MILLER, P.E.



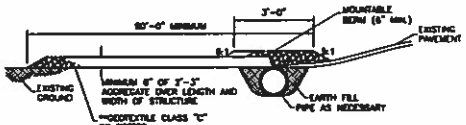
NOTE:

SEE SHEET E-1 FOR NUMBER AND SIZE OF PROPOSED CONDUITS TO BE STUBBED UP IN GENERATOR STUB UP AREA.

CONDUIT STUB-UP DETAIL.

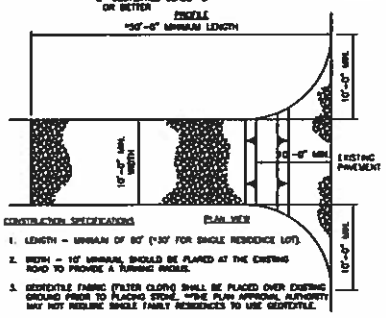


TYPICAL FENCE AND GATE DETAIL.



PROFILE

*30'-0" MINIMUM LENGTH



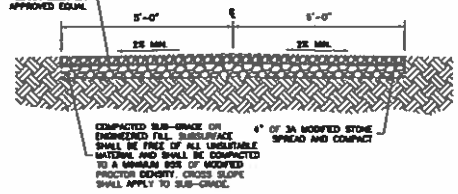
PLAN VIEW

CONSTRUCTION SPECIFICATIONS

1. LENGTH – MINIMUM OF 50' (*30' FOR SINGLE RESIDENCE LOT).
2. WIDTH – 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
3. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. **THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.
4. STONE – CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
5. SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SITE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE, WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUN-OFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.
6. LOCATION – A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.

STABILIZED CONSTRUCTION ENTRANCE DETAIL.

NOTE:
SEED CONTROL FABRIC SHALL BE USED UNDER ACCESS DRIVE WITH A 36" MINIMUM OVERLAP. CONTRACTOR SHALL INSTALL FABRIC PER MANUFACTURERS RECOMMENDATIONS.



ACCESS DRIVE DETAIL.

Milestone COMMUNICATIONS
17110 DUFFIELD MILLS ROAD, SUITE 100
GERTSEN, VIRGINIA 20146
TEL (703) 620-2536
FAX (703) 620-0001

advantage engineers
7000 HARMONY DRIVE, SUITE 100
COLUMBIA, MARYLAND 21046
PHONE (410) 997-0000
www.advantage@verizon.net

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
0		
1		
2		
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4		
5		
6		
7	06-17-15	ISSUED FOR ZONING
8	01-13-15	ISSUED FOR 90% REVIEW (ZONI)

DRAWN BY: TA
CHECKED BY:
SCALE: NOTED
JOB NO: 1623000.00

DRAWING TITLE:
CONSTRUCTION DETAILS

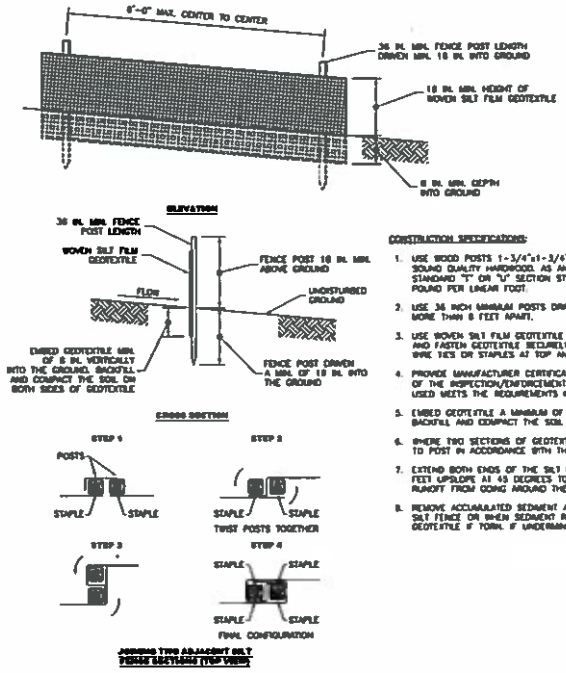
DRAWING SHEET:
C-4

SHEET NUMBER:
6 OF 8

SITE INFORMATION
SITE NAME:
MCDUFF GREEN PARK
SITE ADDRESS:
75 JAMES ASHBY PARKWAY FALMOUTH, VIRGINIA 22405
JURISDICTION:
STAFFORD COUNTY

COMMONWEALTH OF VIRGINIA
ANDREW M. MILLER
No. 010425
6/17/15
PROFESSIONAL ENGINEER

ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # 010425



CONSTRUCTION SPECIFICATIONS:

1. USE WOOD POSTS 1-3/4"x1-3/4"x1/10 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODED POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
2. USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
3. USE WOVEN SILT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
4. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
5. EMBED GEOTEXTILE A MINIMUM OF 6 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
6. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST , AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
7. EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
8. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

SILT FENCE DETAIL
C-5 / 8.2

Milestone COMMUNICATIONS
12110 SUNSET HILLS ROAD, SUITE 100
RESTON, VIRGINIA 20190
TEL. (703) 620-2533
FAX. (703) 620-0000

advantage engineers
7010 DANIEL MORGAN DRIVE, SUITE 101
COLUMBIA, MARYLAND 21045
PHONE (410) 297-0000
www.advantage-engineers.com

SCHEDULE OF REVISIONS

0		
1		
2		
3		
4		
5		
6		
7	06-17-15	ISSUED FOR ZONING
8	06-18-15	ISSUED FOR 60% REVIEW (ZM)
Rev. No.	Date	Description of Change

DRAWN BY:	TA
ENGINEER BY:	
SCALE:	NOTED
JOB No:	0630MMLMD

DRAWING TITLE:

CONSTRUCTION DETAILS (CONT.)

DRAWING SHEET:

C-5

SHEET NUMBER:

7 OF 8

SITE INFORMATION:

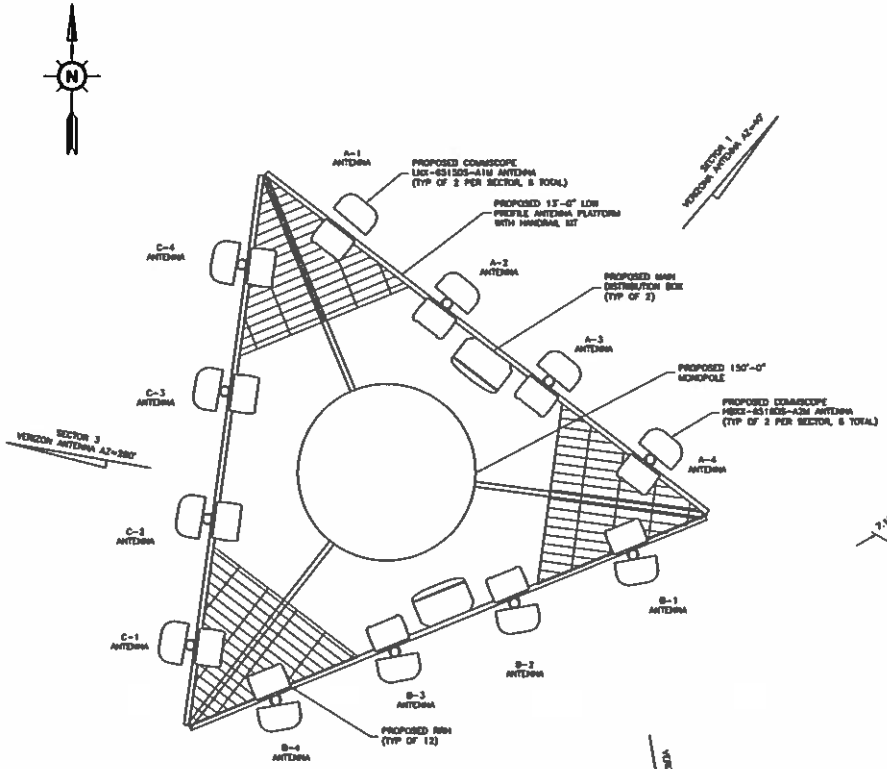
SITE NAME:
MCDUFF GREEN PARK

SITE ADDRESS:
78 JAMES ASHBY PARKWAY
FALMOUTH, VIRGINIA 22405

JURISDICTION:
STAFFORD COUNTY

COMMONWEALTH OF VIRGINIA
ANDREW M. MILLER
No. 0[illegible]
6/17/15
PROFESSIONAL ENGINEER

ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE [illegible]



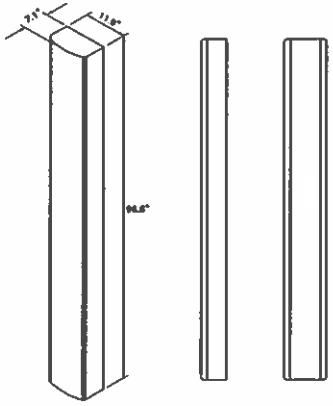
1 A-1 **ANTENNA PLAN**
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
(IN FEET)
3/4 inch = 1 ft.
(SCALE BASED ON FULL SIZE 24"x36" SHEETS ONLY)
(DO NOT USE SCALE ON OTHER SIZE DRAWINGS)

PROPOSED ANTENNA SCHEDULE

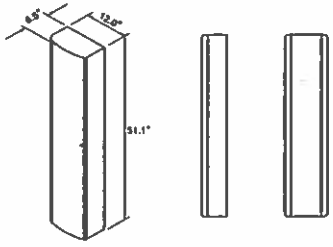
	LOCATION	AZIMUTH	RAD CENTER	STATUS	TECHNOLOGY	ANTENNA MODEL #	# OF RRU	COAX SIZE	COAX LENGTH
ALPHA	A-1	40°	132'-6"	PROPOSED	–	LNX-6515DS-A1M	1 ALU	1-5/8"	170'-6"
	A-2	40°	132'-6"	PROPOSED	–	LNX-6515DS-A1M	1 ALU	1-5/8"	170'-6"
	A-3	40°	132'-6"	PROPOSED	–	HBXX-6516DS-A2M	1 ALU	1-5/8" (SHARED)	(SHARED)
	A-4	40°	132'-6"	PROPOSED	–	HBXX-6516DS-A2M	1 ALU	1-5/8" (SHARED)	(SHARED)
BETA	B-1	170°	132'-6"	PROPOSED	–	LNX-6515DS-A1M	1 ALU	1-5/8" (SHARED)	(SHARED)
	B-2	170°	132'-6"	PROPOSED	–	LNX-6515DS-A1M	1 ALU	1-5/8" (SHARED)	(SHARED)
	B-3	170°	132'-6"	PROPOSED	–	HBXX-6516DS-A2M	1 ALU	1-5/8" (SHARED)	(SHARED)
	B-4	170°	132'-6"	PROPOSED	–	HBXX-6516DS-A2M	1 ALU	1-5/8" (SHARED)	(SHARED)
GAMMA	C-1	280°	132'-6"	PROPOSED	–	LNX-6515DS-A1M	1 ALU	1-5/8" (SHARED)	(SHARED)
	C-2	280°	132'-6"	PROPOSED	–	LNX-6515DS-A1M	1 ALU	1-5/8" (SHARED)	(SHARED)
	C-3	280°	132'-6"	PROPOSED	–	HBXX-6516DS-A2M	1 ALU	1-5/8" (SHARED)	(SHARED)
	C-4	280°	132'-6"	PROPOSED	–	HBXX-6516DS-A2M	1 ALU	1-5/8" (SHARED)	(SHARED)

	MANUFACTURER	ANTENNA MODEL #	QUANTITY	HEIGHT	WIDTH	DEPTH	WEIGHT
PROPOSED ANTENNA CONFIGURATION	COMMSCOPE	LNX-6515DS-A1M	6	96.6"	11.9"	7.1"	43.7 LBS
	COMMSCOPE	HBXX-6516DS-A2M	6	51.1"	12"	6.5"	30.6 LBS



ANTENNA WEIGHT = 43.7LBS.

3 A-1 **LNX-6515DS-A1M ANTENNA DETAIL**
SCALE: NTS



ANTENNA WEIGHT = 30.6 LBS.

2 A-1 **HBXX-6516DS-A2M ANTENNA DETAIL**
SCALE: NTS

Milestone COMMUNICATIONS
17114 DUFFY HILLS ROAD, SUITE 100
GESTON, VIRGINIA 20148
TEL (703) 430-2555
FAX (703) 430-2009

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[illegible]
COLUMBIA, MARYLAND 21045
PHONE [illegible]
www.advantage-engineers.com

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
0		
1		
2		
3		
4		
5		
6		
7	06-17-15	ISSUED FOR ZONING
8	06-15-15	ISSUED FOR 90% REVIEW (ZDA)

DRAWN BY: TA
CHECKED BY:
SCALE: NOTED
JOB NO: [illegible]

DRAWING TITLE:
ANTENNA LAYOUT & SCHEDULE

DRAWING SHEET:
A-1

SHEET NUMBER:
8 OF 8

SITE INFORMATION:
SITE NAME:
MCDUFF GREEN PARK
SITE ADDRESS:
78 JAMES ASHBY PARKWAY FALMOUTH, VIRGINIA 22405
JURISDICTION:
STAFFORD COUNTY

COMMONWEALTH OF VIRGINIA
ANDREW M. MILLER
No. [illegible]
6/17/15
PROFESSIONAL ENGINEER

ANDREW M. MILLER, P.E.
VIRGINIA REGISTERED ENGINEER
LICENSE # [illegible]