

MAGNETIC DECLINATION  
CALCULATED ON:  
01-04-16



# Milestone COMMUNICATIONS

SITE NAME:

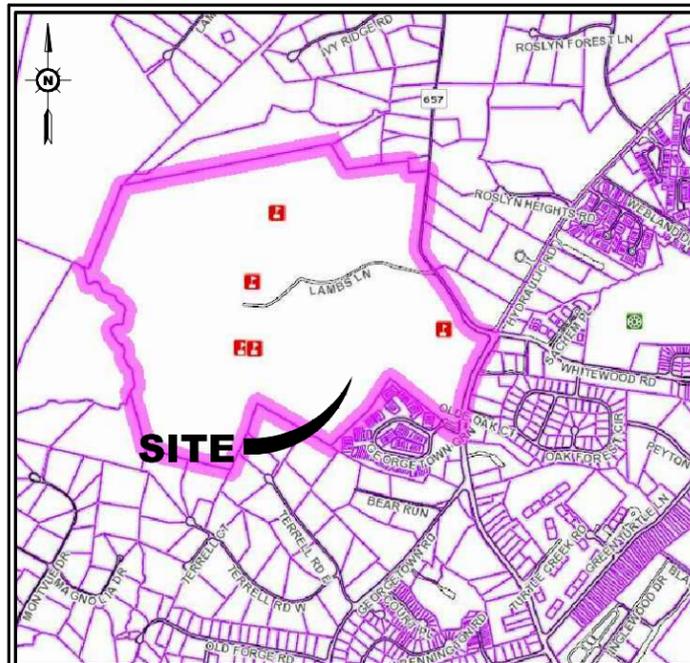
# ALBEMARLE HIGH SCHOOL

**NEW 3,610 S.F. FENCED COMPOUND  
AND NEW 125'-0" MONOPOLE**

SITE INFORMATION	
SITE NAME:	ALBEMARLE HIGH SCHOOL
SITE ADDRESS:	2775 HYDRAULIC ROAD CHARLOTTESVILLE, VIRGINIA 22901
JURISDICTION:	ALBEMARLE COUNTY, VIRGINIA
MAGISTERIAL DISTRICT:	JACK JOUETT
ZONING:	RA AND EC OVERLAY, AIRPORT IMPACT AREA
TAX ACCOUNT ID:	06000-00-00-078A0
MAP / PARCEL:	06000 / 0078A
PARCEL SIZE / COMPOUND SIZE:	216.69 AC / 3,610 S.F.
SITE COORDINATES:	N 38° 04' 27.0238" (NAD 83) W 78° 30' 10.7440" (NAD 83)
GROUND ELEVATION:	569'± (NAVD 83)
STRUCTURE TYPE:	MONOPOLE
STRUCTURE HEIGHT:	125'± AGL (TOP OF MONOPOLE)
GROUND LANDLORD NAME:	ALBEMARLE COUNTY PUBLIC SCHOOLS
GROUND LANDLORD ADDRESS:	401 MCINTIRE ROAD CHARLOTTESVILLE, VIRGINIA 22902
APPLICANT:	MILESTONE COMMUNICATIONS 12110 SUNSET HILLS ROAD, SUITE 100 RESTON, VIRGINIA 20190
APPLICANT PHONE:	(703) 620-2555
APPLICANT FAX:	(703) 620-8889

CODE ANALYSIS	
BUILDING CODE:	2012 VIRGINIA CONSTRUCTION CODE
ELECTRICAL CODE:	NEC 2011
FIRE SAFETY CODE:	2012 VIRGINIA SFPC
USE GROUP:	U (UTILITY)
CONSTRUCTION TYPE:	IIB

PROJECT DESCRIPTION	
1.	INSTALL NEW 3,610 S.F. FENCED COMPOUND AND NEW 125'-0" MONOPOLE TO BE INSTALLED.
2.	NEW ELECTRICAL SERVICE TO BE INSTALLED.
3.	NEW TELEPHONE SERVICE TO BE INSTALLED.



## AREA MAP

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

### DIRECTIONS:

HEADING FROM 12110 SUNSET HILLS BOULEVARD: DEPART VA-675 WEST / SUNSET HILLS ROAD TOWARD SPRING STREET. TURN RIGHT ONTO VA-286 S / FAIRFAX COUNTY PARKWAY. TAKE RAMP RIGHT FOR I-66 WEST. AT EXIT 43A, TAKE RAMP RIGHT FOR US-29 SOUTH. KEEP STRAIGHT ONTO US-15 SOUTH / US-29 SOUTH / LEE HIGHWAY. TURN RIGHT ONTO WEST RIO ROAD. KEEP STRAIGHT ONTO VA-631. KEEP STRAIGHT ONTO WEST RIO ROAD. ROAD NAME CHANGES TO HYDRAULIC ROAD. ARRIVE AT SITE.

### 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.



**Milestone  
COMMUNICATIONS**  
12110 SUNSET HILLS ROAD, SUITE 100  
RESTON, VIRGINIA 20190  
TEL. (703) 620-2555  
FAX. (703) 620-8889



**advantage engineers**

7070 SAMUEL MORSE DRIVE, SUITE 150  
COLUMBIA, MARYLAND 21046  
PHONE (443) 367-0003  
www.advantageengineers.com

### SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES
2	07-25-16	REV. PER COMMENTS
1	07-15-16	REV. PER COMMENTS
0	06-06-16	REV. PER COMMENTS

DRAWN BY:	TA
CHECKED BY:	
SCALE:	NOTED
JOB NO:	M830070.00

DRAWING TITLE:  
**TITLE SHEET**

DRAWING SHEET:  
**T-1**

SHEET NUMBER:  
**1 OF 9**

SITE INFORMATION:  
**SITE NAME:  
ALBEMARLE HIGH SCHOOL**  
**SITE ADDRESS:  
2775 HYDRAULIC ROAD  
CHARLOTTESVILLE, VIRGINIA  
22901**  
**JURISDICTION:  
ALBEMARLE COUNTY**

SHEET INDEX	
DRAWING SHEET	DRAWING TITLE
T-1	TITLE SHEET
Z-1	SITE PLAN
Z-2	ENLARGED SITE PLAN
Z-3	2000' RADIUS, 10' CONTOUR MAP
C-1	COMPOUND PLAN
C-2	LANDSCAPE PLAN
C-3	ELEVATION
C-4	CONSTRUCTION DETAILS
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: \_\_\_\_\_

COMMONWEALTH OF VIRGINIA  
**ANDREW M. MILLER, P.E.**  
No. 050495  
7/25/16  
PROFESSIONAL ENGINEER  
ANDREW M. MILLER, P.E.  
VIRGINIA LICENSE # 050495

## ADJOINER PROPERTY OWNER INFORMATION:

- 1 OWNER NAME: ALBEMARLE COUNTY PUBLIC SCHOOLS  
MAILING ADDRESS: 401 MCINTIRE ROAD  
CHARLOTTEVILLE, VIRGINIA 22902  
TAX ACCOUNT #: 06000-00-00-078A0
- 2 OWNER NAME: GEORGETOWN GREEN HOME OWNERS ASSOCIATION INC.  
MAILING ADDRESS: PO BOX 5642  
CHARLOTTEVILLE, VIRGINIA 22905  
TAX ACCOUNT #: 060F0-00-00-00200

### GENERAL NOTES:

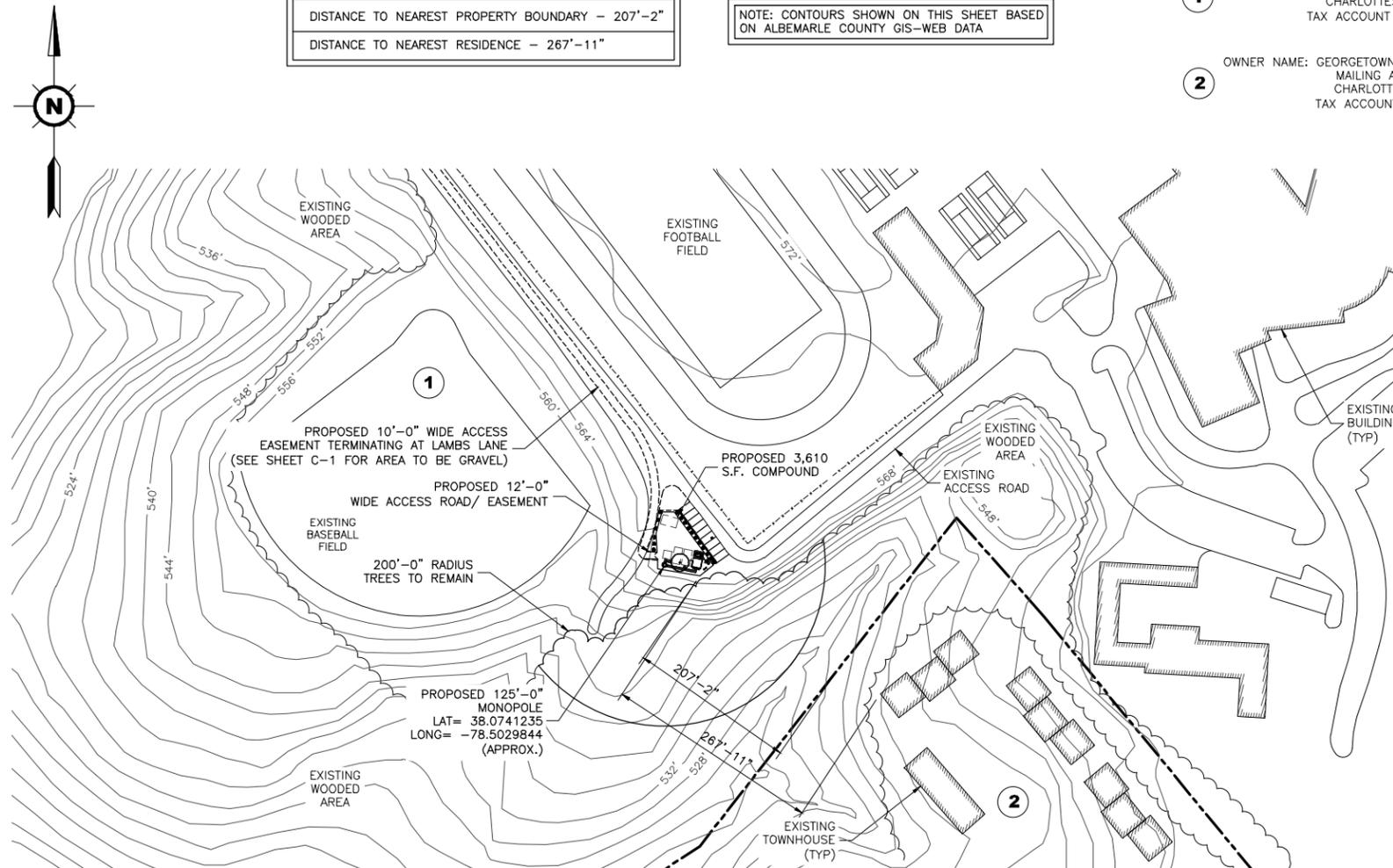
1. THIS PLAN WAS PREPARED USING AN APPROVED PLAN ENTITLED SURVEY BY LINCOLN SURVEYING DATED 02-11-2016 AND SHOULD NOT BE CONSTRUED AS A FULL BOUNDARY SURVEY.
2. THE PROPOSED FACILITY WILL CAUSE "DE MINIMIS" IN STORMWATER RUNOFF. THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
3. NO NOISE, SMOKE, DUST, 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 #51003C0260D, DATED 02-04-2005, THE PROPOSED SITE IS NOT IN A FLOOD PLAIN.
10. A CRITICAL SLOPE WAIVER IS NOT REQUIRED.

## (NOT SHOWN) ADJOINER PROPERTY OWNER INFORMATION:

- 3 OWNER NAME: CHARLES B. & SUE S. STOKE  
MAILING ADDRESS: 170 TERRELL ROAD EAST  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06000-00-00-076D0
- 4 OWNER NAME: DAVID G. & FORREST R. MITCHELL  
MAILING ADDRESS: 186 TERRELL ROAD EAST  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06000-00-00-076D1
- 5 OWNER NAME: DAVID B. & TETIANA V. KENDALL  
MAILING ADDRESS: 190 TERRELL ROAD EAST  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06000-00-00-070Y0
- 6 OWNER NAME: SHERWIN H. & ELIZABETH M. TERRY  
MAILING ADDRESS: 185 TERRELL ROAD EAST  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06000-00-00-070X0
- 7 OWNER NAME: MARY LOUISE ABIDIN  
MAILING ADDRESS: 320 TERRELL ROAD WEST  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 060000-00-00-070M0
- 8 OWNER NAME: JAMES M. COOPER & SHAMIM V. SISSON  
MAILING ADDRESS: 330 TERRELL ROAD WEST  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 060000-00-00-070M1
- 9 OWNER NAME: DANIEL A. JR. ROBINSON & SUSAN R. THOMPSON  
MAILING ADDRESS: 10516 CEDAR AVENUE  
FAIRFAX, VIRGINIA 22030  
TAX ACCOUNT #: 060000-00-00-077A2
- 10 OWNER NAME: COMMONWEALTH OF VIRGINIA  
MAILING ADDRESS: 701 VDOT WAY  
CHARLOTTEVILLE, VIRGINIA 22911  
TAX ACCOUNT #: 060000-00-00-07700
- 11 OWNER NAME: DAVID & MELISSA SLUTZKY  
MAILING ADDRESS: 405 IVY FARM DRIVE  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 04400-00-00-034C0
- 10 OWNER NAME: COMMONWEALTH OF VIRGINIA  
MAILING ADDRESS: 1601 ORANGE ROAD  
CULPEPER, VIRGINIA 22701  
TAX ACCOUNT #: 06000-00-00-080D1
- 11 OWNER NAME: COMMONWEALTH OF VIRGINIA  
MAILING ADDRESS: 1601 ORANGE ROAD  
CULPEPER, VIRGINIA 22701  
TAX ACCOUNT #: 06000-00-00-080C1
- 12 OWNER NAME: MARY L. & ADAM C. WYANT  
MAILING ADDRESS: 1995 LAMBS ROAD  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06000-00-00-07900
- 13 OWNER NAME: DANIEL G. KRASNEGOR  
MAILING ADDRESS: 25 ROSLYN HEIGHTS ROAD  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06100-00-00-002B0
- 14 OWNER NAME: JAMES O. & ELIZA JEAN BALLARD  
MAILING ADDRESS: 262 HEBRON COURT  
MADISON, VIRGINIA 22727  
TAX ACCOUNT #: 06100-00-00-004A0
- 15 OWNER NAME: LOAVES & FISHES FOOD PANTRY  
MAILING ADDRESS: PO BOX 8001  
CHARLOTTEVILLE, VIRGINIA 22906  
TAX ACCOUNT #: 06100-00-00-00500
- 16 OWNER NAME: WORD OF FAITH CHURCH  
MAILING ADDRESS: BOX 7304  
CHARLOTTEVILLE, VIRGINIA 22906  
TAX ACCOUNT #: 06100-00-00-00600
- 17 OWNER NAME: L. & M. COMMONWEALTH PROPERTIES LLC.  
MAILING ADDRESS: PO BOX 1889  
MIDDLEBURG, VIRGINIA 20118  
TAX ACCOUNT #: 06100-00-00-02500
- 18 OWNER NAME: CARR WOOD PRODUCTS LLC.  
MAILING ADDRESS: PO BOX 5306  
CHARLOTTEVILLE, VIRGINIA 22905  
TAX ACCOUNT #: 06100-00-00-02700
- 19 OWNER NAME: YOUNG PROPERTY INVESTMENTS  
MAILING ADDRESS: 240 HYDRAULIC RIDGE ROAD #101  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06100-00-00-027A1
- 20 OWNER NAME: EISENHARDT FAIRCLOTH KANGUR & WILHELM LLC  
MAILING ADDRESS: 244 HYDRAULIC RIDGE ROAD  
CHARLOTTEVILLE, VIRGINIA 22901  
TAX ACCOUNT #: 06100-00-00-03600
- 21 OWNER NAME: OLDE OAK HILL LLC  
MAILING ADDRESS: 656 EVERGREEN AVENUE  
CHARLOTTEVILLE, VIRGINIA 22902  
TAX ACCOUNT #: 061W1-01-00-00500
- 22 OWNER NAME: ELIZABETH B. WATTS  
MAILING ADDRESS: 1526 MINOR RIDGE COURT  
CHARLOTTEVILLE, VIRGINIA 22902  
TAX ACCOUNT #: 06100-00-00-03800

SETBACKS
DISTANCE TO NEAREST PROPERTY BOUNDARY - 207'-2"
DISTANCE TO NEAREST RESIDENCE - 267'-11"

NOTE: CONTOURS SHOWN ON THIS SHEET BASED ON ALBEMARLE COUNTY GIS-WEB DATA



1 SITE PLAN  
Z-1 SCALE: 1" = 200'-0"



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7070 SAMUEL MORSE DRIVE, SUITE 150  
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PHONE (410) 367-0003  
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SCHEDULE OF REVISIONS		
2	07-25-16	REV. PER COMMENTS
1	07-15-16	REV. PER COMMENTS
0	06-06-16	REV. PER COMMENTS
REV. NO.	DATE	DESCRIPTION OF CHANGES

<b>DRAWN BY:</b>	TA
<b>CHECKED BY:</b>	
<b>SCALE:</b>	NOTED
<b>JOB NO:</b>	M830070.00

**DRAWING TITLE:**  
**SITE PLAN**

**DRAWING SHEET:**  
**Z-1**

**SHEET NUMBER:**  
**2 OF 9**

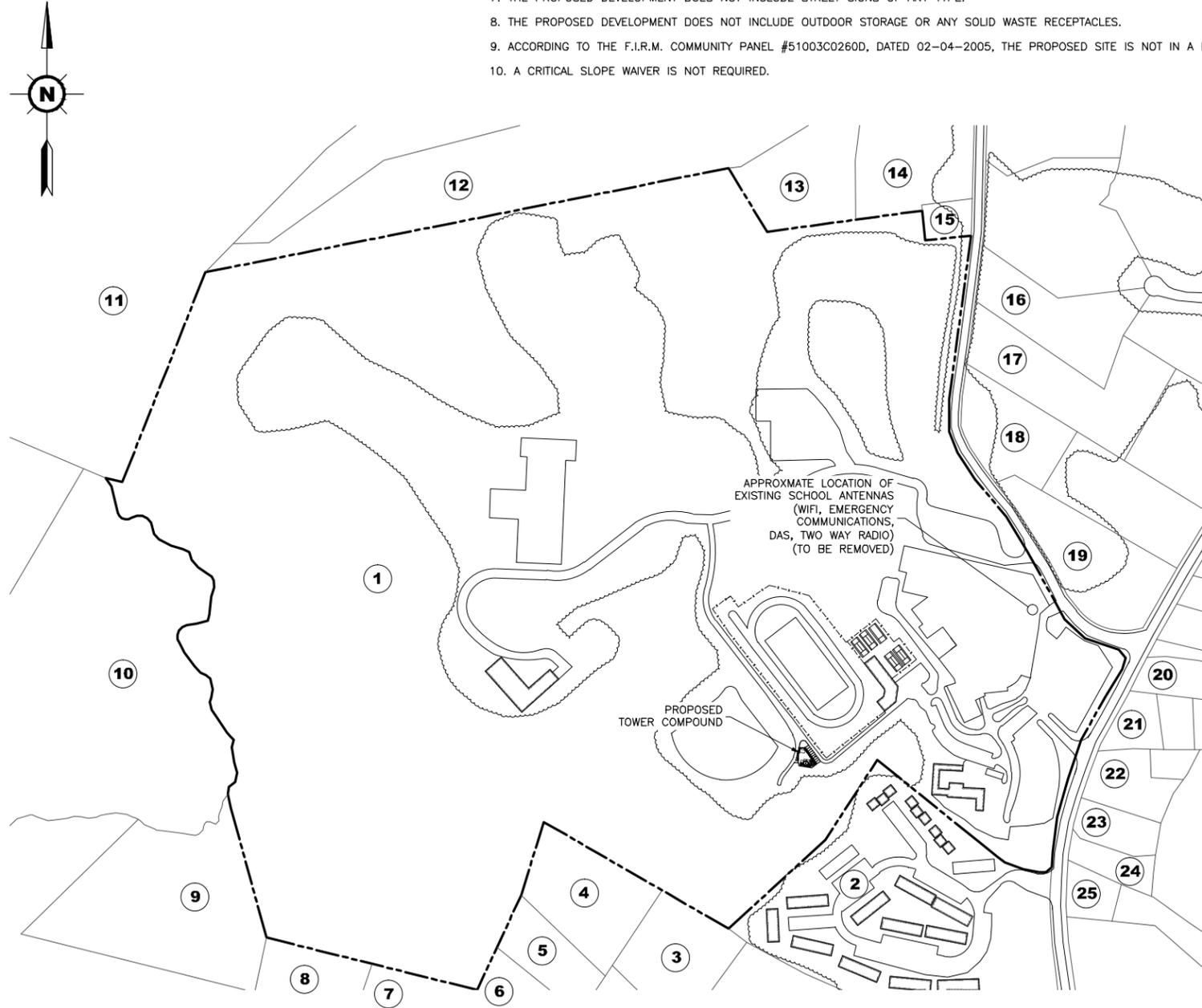
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**CHARLOTTEVILLE, VIRGINIA**  
**22901**  
**JURISDICTION:**  
**ALBEMARLE COUNTY**

COMMONWEALTH OF VIRGINIA  
ANDREW M. MILLER  
No. 050495  
7/25/16  
PROFESSIONAL ENGINEER  
ANDREW M. MILLER, P.E.  
VIRGINIA LICENSE # 050495

**811**  
**Know what's below. Call before you dig.**  
PROTECT YOURSELF. GIVE THREE WORKING DAYS NOTICE.  
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPURTENANT.

**GENERAL NOTES:**

1. THIS PLAN WAS PREPARED USING AN APPROVED PLAN ENTITLED SURVEY BY LINCOLN SURVEYING DATED 02-11-2016 AND SHOULD NOT BE CONSTRUED AS A FULL BOUNDARY SURVEY.
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10. A CRITICAL SLOPE WAIVER IS NOT REQUIRED.



**1 ENLARGED SITE PLAN**  
SCALE: 1" = 300'-0"



**Know what's below.  
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PROTECT YOURSELF, GIVE THREE WORKING DAYS NOTICE  
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**ADJOINER PROPERTY OWNER INFORMATION:**

- |  |  |
|--|--|
| <p><b>1</b> OWNER NAME: ALBEMARLE COUNTY PUBLIC SCHOOLS<br/>MAILING ADDRESS: 401 MCINTIRE ROAD<br/>CHARLOTTESVILLE, VIRGINIA 22902<br/>TAX ACCOUNT #: 06000-00-00-078A0</p> <p><b>2</b> OWNER NAME: GEORGETOWN GREEN HOME OWNERS ASSOCIATION INC.<br/>MAILING ADDRESS: PO BOX 5642<br/>CHARLOTTESVILLE, VIRGINIA 22905<br/>TAX ACCOUNT #: 060F0-00-00-00200</p> <p><b>3</b> OWNER NAME: CHARLES B. &amp; SUE S. STOKES<br/>MAILING ADDRESS: 170 TERRELL ROAD EAST<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06000-00-00-076D0</p> <p><b>4</b> OWNER NAME: DAVID G. &amp; FORREST R. MITCHELL<br/>MAILING ADDRESS: 186 TERRELL ROAD EAST<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06000-00-00-076D1</p> <p><b>5</b> OWNER NAME: DAVID B. &amp; TETIANA V. KENDALL<br/>MAILING ADDRESS: 190 TERRELL ROAD EAST<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06000-00-00-070Y0</p> <p><b>6</b> OWNER NAME: SHERWIN H. &amp; ELIZABETH M. TERRY<br/>MAILING ADDRESS: 185 TERRELL ROAD EAST<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06000-00-00-070X0</p> <p><b>7</b> OWNER NAME: MARY LOUISE ABIDIN<br/>MAILING ADDRESS: 320 TERRELL ROAD WEST<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 060000-00-00-070M0</p> <p><b>8</b> OWNER NAME: JAMES M. COOPER &amp; SHAMIM V. SISSON<br/>MAILING ADDRESS: 330 TERRELL ROAD WEST<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 060000-00-00-070M1</p> <p><b>9</b> OWNER NAME: DANIEL A. JR. ROBINSON &amp; SUSAN R. THOMPSON<br/>MAILING ADDRESS: 10516 CEDAR AVENUE<br/>FAIRFAX, VIRGINIA 22030<br/>TAX ACCOUNT #: 060000-00-00-077A2</p> <p><b>10</b> OWNER NAME: COMMONWEALTH OF VIRGINIA<br/>MAILING ADDRESS: 701 VDOT WAY<br/>CHARLOTTESVILLE, VIRGINIA 22911<br/>TAX ACCOUNT #: 060000-00-00-07700</p> <p><b>11</b> OWNER NAME: DAVID &amp; MELISSA SLUTZKY<br/>MAILING ADDRESS: 405 IVY FARM DRIVE<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 04400-00-00-034C0</p> <p><b>12</b> OWNER NAME: COMMONWEALTH OF VIRGINIA<br/>MAILING ADDRESS: 1601 ORANGE ROAD<br/>CULPEPER, VIRGINIA 22701<br/>TAX ACCOUNT #: 06000-00-00-080D1</p> | <p><b>13</b> OWNER NAME: COMMONWEALTH OF VIRGINIA<br/>MAILING ADDRESS: 1601 ORANGE ROAD<br/>CULPEPER, VIRGINIA 22701<br/>TAX ACCOUNT #: 06000-00-00-080C1</p> <p><b>14</b> OWNER NAME: MARY L. &amp; ADAM C. WYANT<br/>MAILING ADDRESS: 1995 LAMBS ROAD<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06000-00-00-080C0</p> <p><b>15</b> OWNER NAME: MARY L. &amp; ADAM C. WYANT<br/>MAILING ADDRESS: 1995 LAMBS ROAD<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06000-00-00-07900</p> <p><b>16</b> OWNER NAME: DANIEL G. KRASNEGOR<br/>MAILING ADDRESS: 25 ROSLYN HEIGHTS ROAD<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06100-00-00-002B0</p> <p><b>17</b> OWNER NAME: JAMES O. &amp; ELIZA JEAN BALLARD<br/>MAILING ADDRESS: 262 HEBRON COURT<br/>MADISON, VIRGINIA 22727<br/>TAX ACCOUNT #: 06100-00-00-004A0</p> <p><b>18</b> OWNER NAME: LOAVES &amp; FISHES FOOD PANTRY<br/>MAILING ADDRESS: PO BOX 8001<br/>CHARLOTTESVILLE, VIRGINIA 22906<br/>TAX ACCOUNT #: 06100-00-00-00500</p> <p><b>19</b> OWNER NAME: WORD OF FAITH CHURCH<br/>MAILING ADDRESS: BOX 7304<br/>CHARLOTTESVILLE, VIRGINIA 22906<br/>TAX ACCOUNT #: 06100-00-00-00600</p> <p><b>20</b> OWNER NAME: L &amp; M COMMONWEALTH PROPERTIES LLC.<br/>MAILING ADDRESS: PO BOX 1889<br/>MIDDLEBURG, VIRGINIA 20118<br/>TAX ACCOUNT #: 06100-00-00-02500</p> <p><b>21</b> OWNER NAME: CARR WOOD PRODUCTS LLC.<br/>MAILING ADDRESS: PO BOX 5306<br/>CHARLOTTESVILLE, VIRGINIA 22905<br/>TAX ACCOUNT #: 06100-00-00-02700</p> <p><b>22</b> OWNER NAME: YOUNG PROPERTY INVESTMENTS<br/>MAILING ADDRESS: 240 HYDRAULIC RIDGE ROAD #101<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06100-00-00-027A1</p> <p><b>23</b> OWNER NAME: EISENHARDT FAIRCLOTH KANGUR &amp; WILHELM LLC<br/>MAILING ADDRESS: 244 HYDRAULIC RIDGE ROAD<br/>CHARLOTTESVILLE, VIRGINIA 22901<br/>TAX ACCOUNT #: 06100-00-00-03600</p> <p><b>24</b> OWNER NAME: OLDE OAK HILL LLC<br/>MAILING ADDRESS: 656 EVERGREEN AVENUE<br/>CHARLOTTESVILLE, VIRGINIA 22902<br/>TAX ACCOUNT #: 061W1-01-00-00500</p> <p><b>25</b> OWNER NAME: ELIZABETH B. WATTS<br/>MAILING ADDRESS: 1526 MINOR RIDGE COURT<br/>CHARLOTTESVILLE, VIRGINIA 22902<br/>TAX ACCOUNT #: 06100-00-00-03800</p> |
|--|--|



**SCHEDULE OF REVISIONS**

REV. NO.	DATE	DESCRIPTION OF CHANGES
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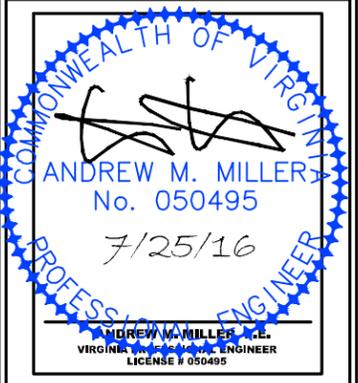
<b>DRAWN BY:</b>	TA
<b>CHECKED BY:</b>	
<b>SCALE:</b>	NOTED
<b>JOB NO:</b>	M830070.00

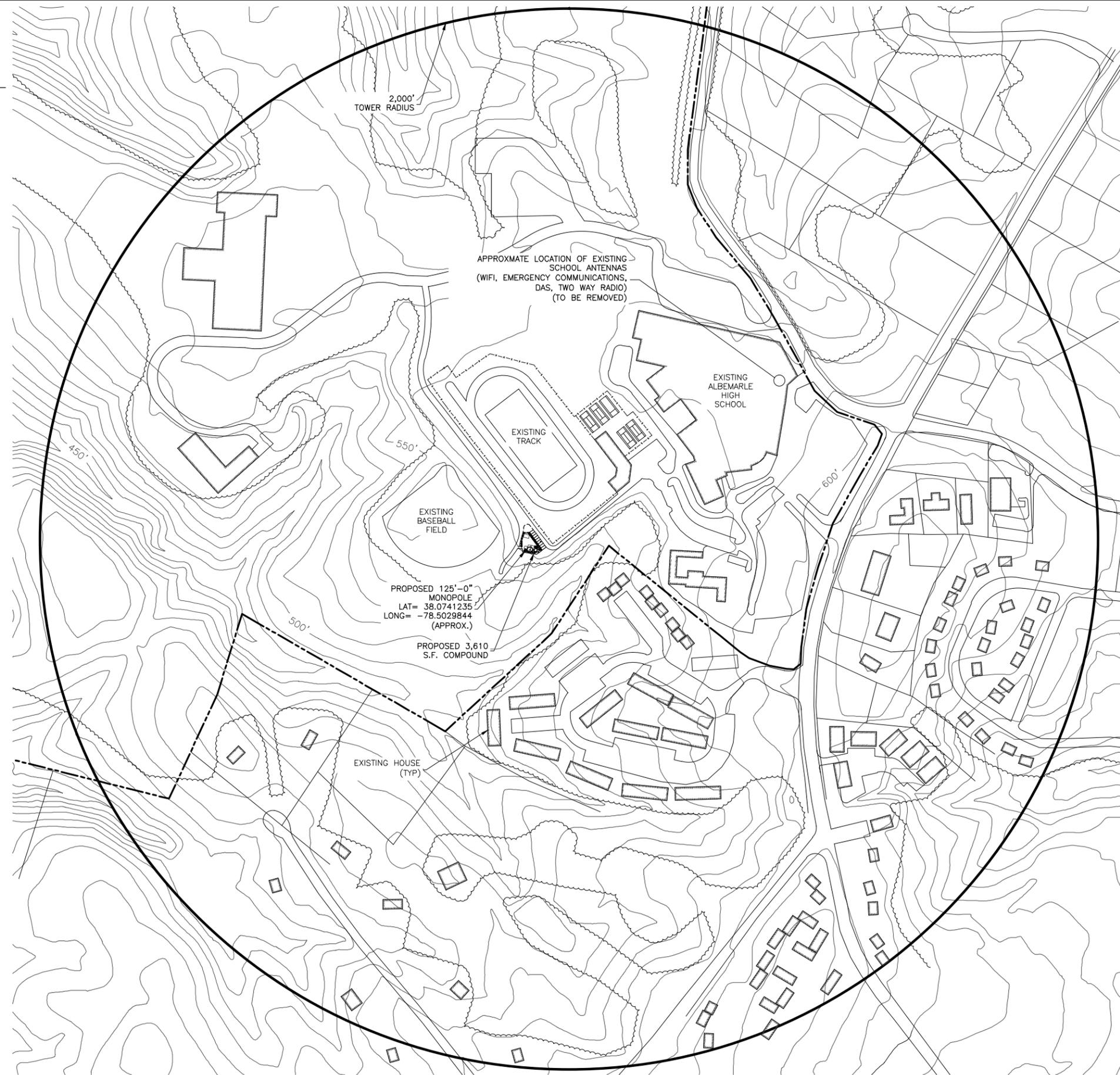
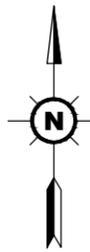
**DRAWING TITLE:**  
**ENLARGED SITE PLAN**

**DRAWING SHEET:**  
**Z-2**

**SHEET NUMBER:**  
**3 OF 9**

**SITE INFORMATION:**  
**SITE NAME:**  
**ALBEMARLE HIGH SCHOOL**  
**SITE ADDRESS:**  
**2775 HYDRAULIC ROAD**  
**CHARLOTTESVILLE, VIRGINIA**  
**22901**  
**JURISDICTION:**  
**ALBEMARLE COUNTY**





**Milestone**  
COMMUNICATIONS  
12110 SUNSET HILLS ROAD, SUITE 100  
RESTON, VIRGINIA 20190  
TEL. (703) 620-2555  
FAX. (703) 620-8889



**advantage engineers**

7070 SAMUEL MORSE DRIVE, SUITE 150  
COLUMBIA, MARYLAND 21046  
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**SCHEDULE OF REVISIONS**

REV. NO.	DATE	DESCRIPTION OF CHANGES
2	07-25-16	REV. PER COMMENTS
1	07-15-16	REV. PER COMMENTS
0	06-06-16	REV. PER COMMENTS

**DRAWN BY:** TA  
**CHECKED BY:**  
**SCALE:** NOTED  
**JOB NO:** M830070.00

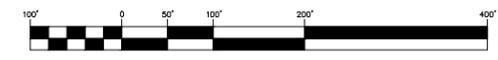
**DRAWING TITLE:**  
**2000' RADIUS,  
10' CONTOUR MAP**

**DRAWING SHEET:**  
**Z-3**

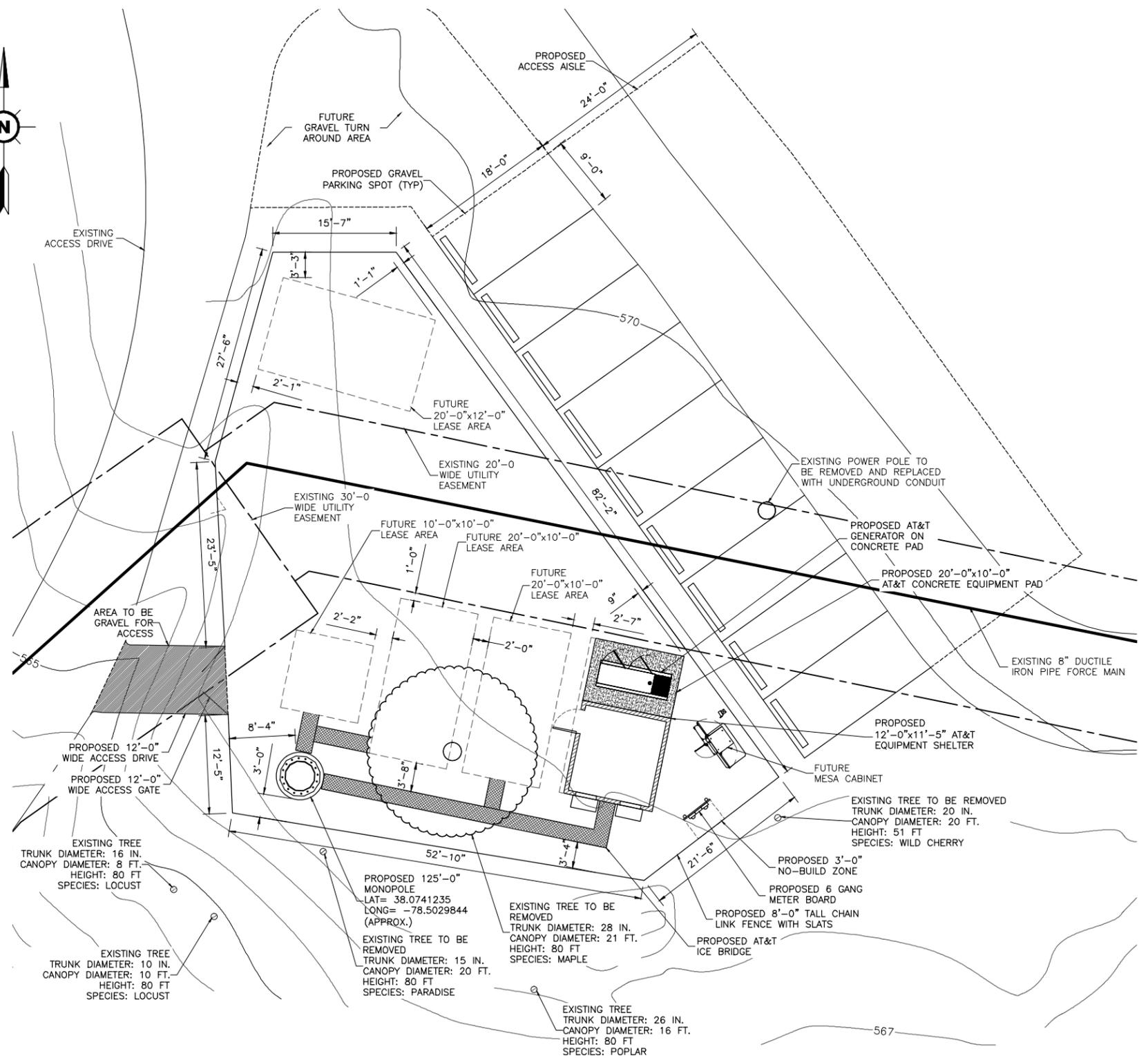
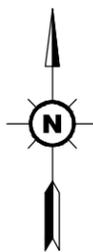
**SHEET NUMBER:**  
**4 OF 9**

**SITE INFORMATION:**  
**SITE NAME:**  
**ALBEMARLE HIGH SCHOOL**  
**SITE ADDRESS:**  
**2775 HYDRAULIC ROAD  
CHARLOTTESVILLE, VIRGINIA  
22901**  
**JURISDICTION:**  
**ALBEMARLE COUNTY**

**2000' RADIUS, 10' CONTOUR MAP**  
SCALE: 1" = 200'-0"



COMMONWEALTH OF VIRGINIA  
  
**ANDREW M. MILLER**  
 No. 050495  
 7/25/16  
 PROFESSIONAL ENGINEER  
 ANDREW M. MILLER, P.E.  
 VIRGINIA PROFESSIONAL ENGINEER  
 LICENSE # 050495



**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 PROVIDING 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 LINCOLN SURVEYING DATED 02-11-2016 AND SHOULD NOT BE CONSTRUED AS A FULL BOUNDARY 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.
19. EXISTING FORCE MAIN PIPE AND EASEMENT HAVE BEEN LOCATED AS SHOWN ON A SURVEY BY LINCOLN SURVEYING DATED FEBRUARY 4, 2016

NOTE: LANDSCAPING NOT SHOWN FOR CLARITY, SEE SHEET C-2 FOR DETAILS

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



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

PROTECT YOURSELF, GIVE THREE WORKING DAYS NOTICE. THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPURTENANT.



**Milestone COMMUNICATIONS**  
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RESTON, VIRGINIA 20190  
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<b>CHECKED BY:</b>	
<b>SCALE:</b>	NOTED
<b>JOB NO:</b>	M830070.00

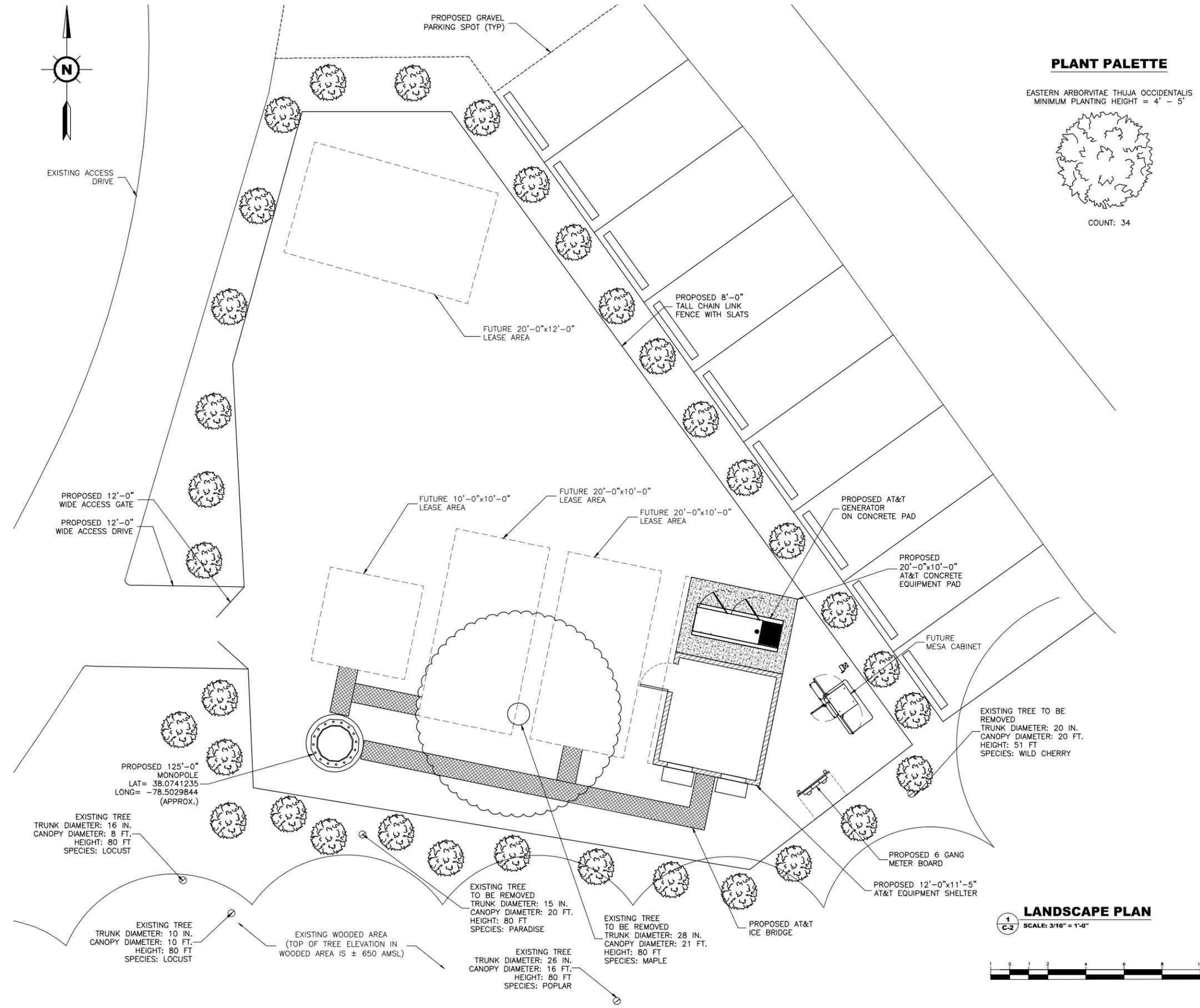
**DRAWING TITLE:**  
**COMPOUND PLAN**

**DRAWING SHEET:**  
**C-1**

**SHEET NUMBER:**  
**5 OF 9**

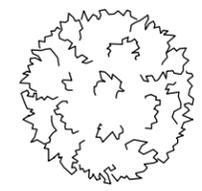
**SITE INFORMATION:**  
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 7/25/16  
**ANDREW M. MILLER, P.E.**  
 VIRGINIA PROFESSIONAL ENGINEER  
 LICENSE # 050495



**PLANT PALETTE**

EASTERN ARBORVITAE THUJA OCCIDENTALIS  
MINIMUM PLANTING HEIGHT = 4' - 5'



COUNT: 34



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<b>SCALE:</b>	NOTED
<b>JOB NO:</b>	M830070.00

**DRAWING TITLE:**  
**LANDSCAPE PLAN**

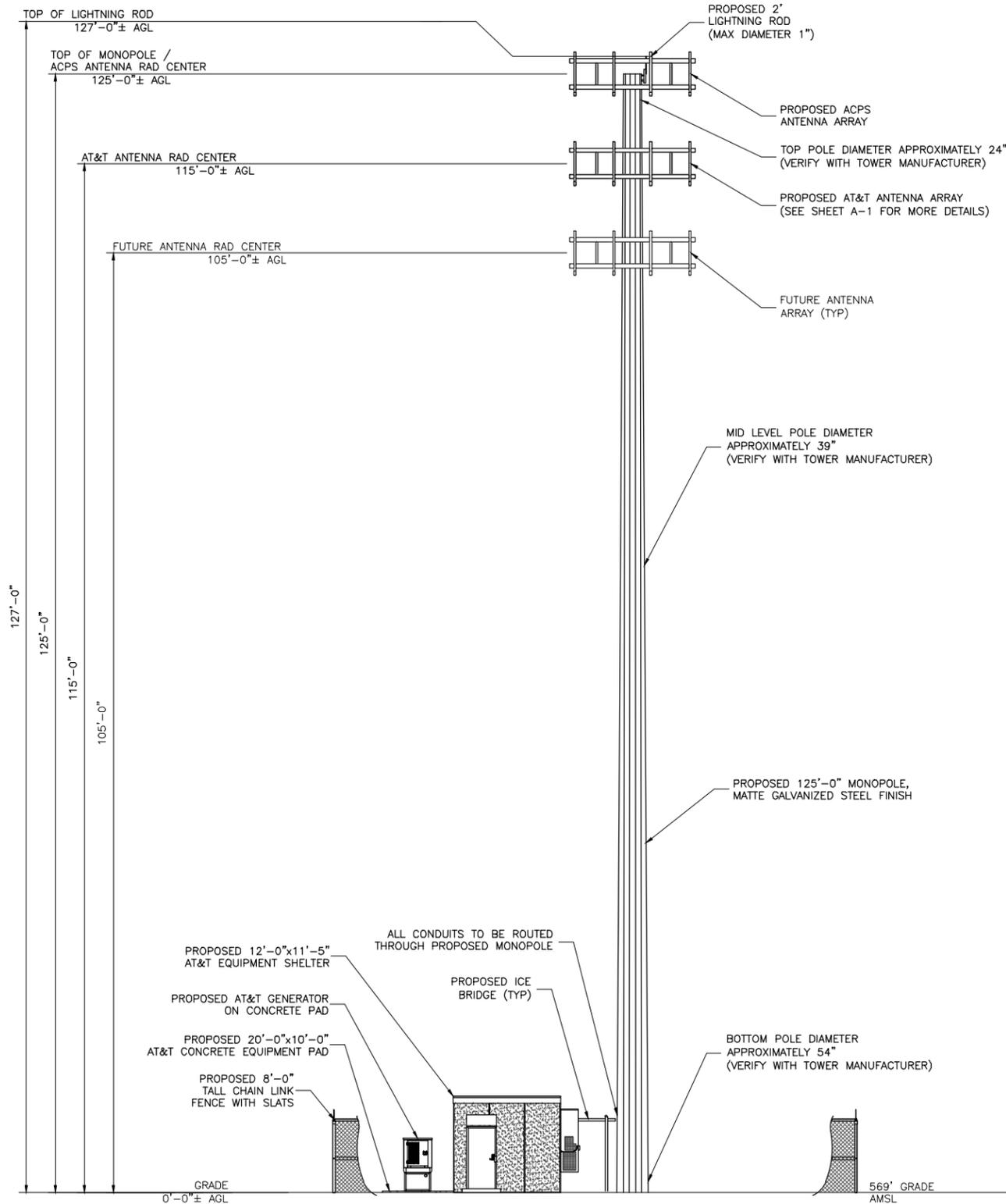
**DRAWING SHEET:**  
**C-2**

**SHEET NUMBER:**  
**6 OF 9**

**SITE INFORMATION:**  
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**CHARLOTTESVILLE, VIRGINIA**  
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**JURISDICTION:**  
**ALBEMARLE COUNTY**

**LANDSCAPE PLAN**  
1  
C-2  
SCALE: 3/16" = 1'-0"

COMMONWEALTH OF VIRGINIA  
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**1 ELEVATION**  
SCALE: 1/8" = 1'-0"



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**SCALE:** NOTED  
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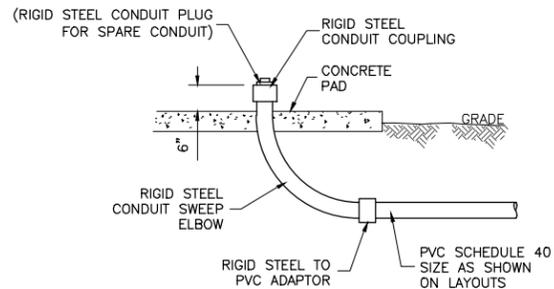
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**ELEVATION**

**DRAWING SHEET:**  
**C-3**

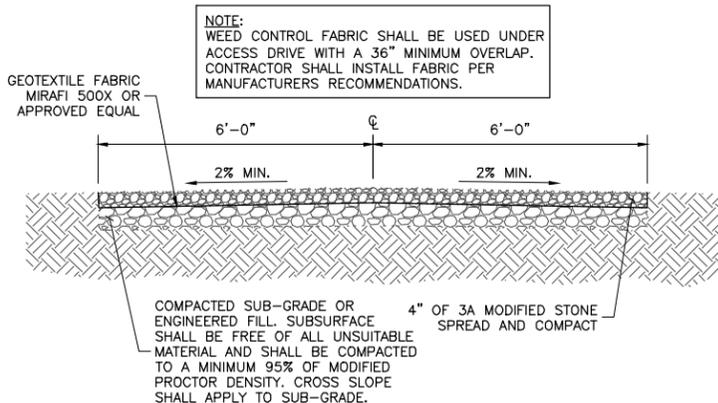
**SHEET NUMBER:**  
**7 OF 9**

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**SITE ADDRESS:** 2775 HYDRAULIC ROAD  
CHARLOTTESVILLE, VIRGINIA 22901  
**JURISDICTION:** ALBEMARLE COUNTY

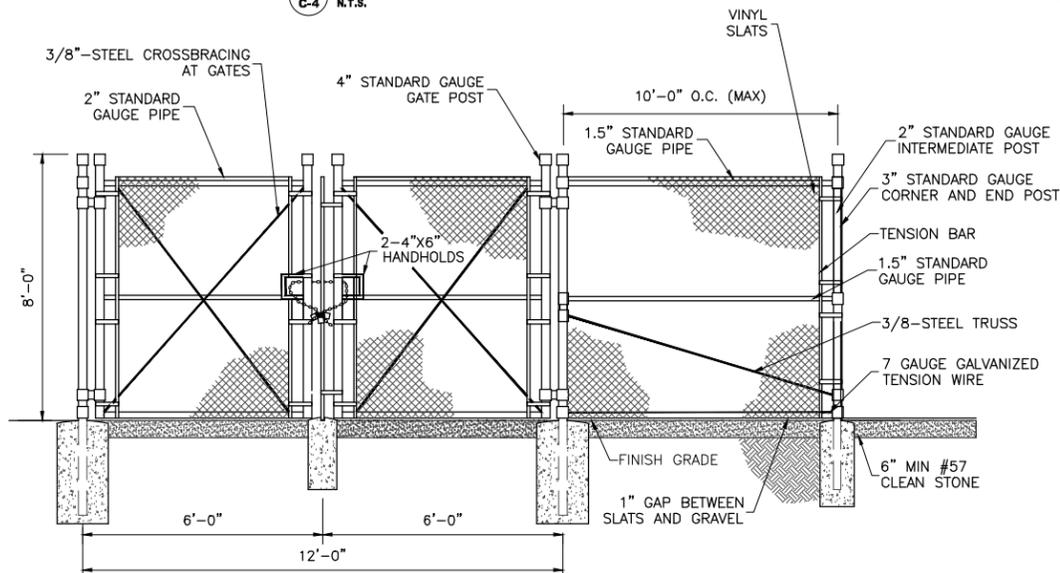
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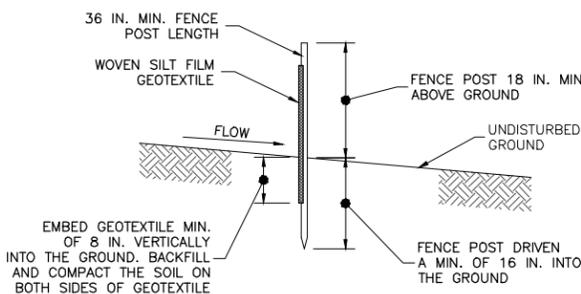
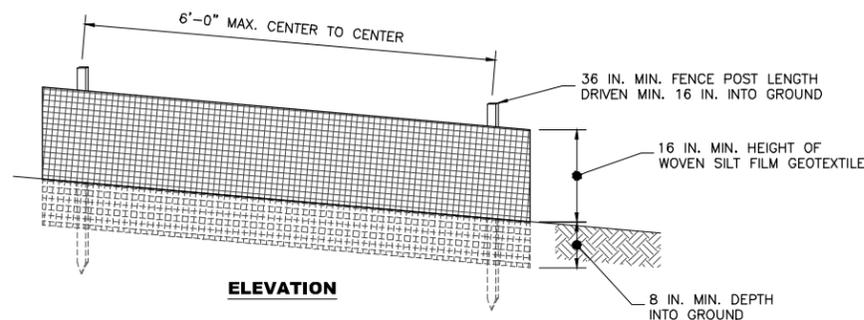
**1 CONDUIT STUB-UP DETAIL**  
C-4 N.T.S.



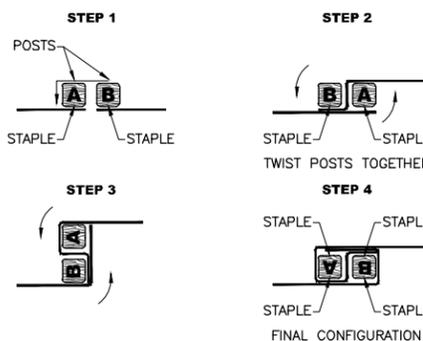
**2 ACCESS DRIVE DETAIL**  
C-4 N.T.S.



**3 TYPICAL FENCE AND GATE DETAIL**  
C-4 N.T.S.



**CROSS SECTION**

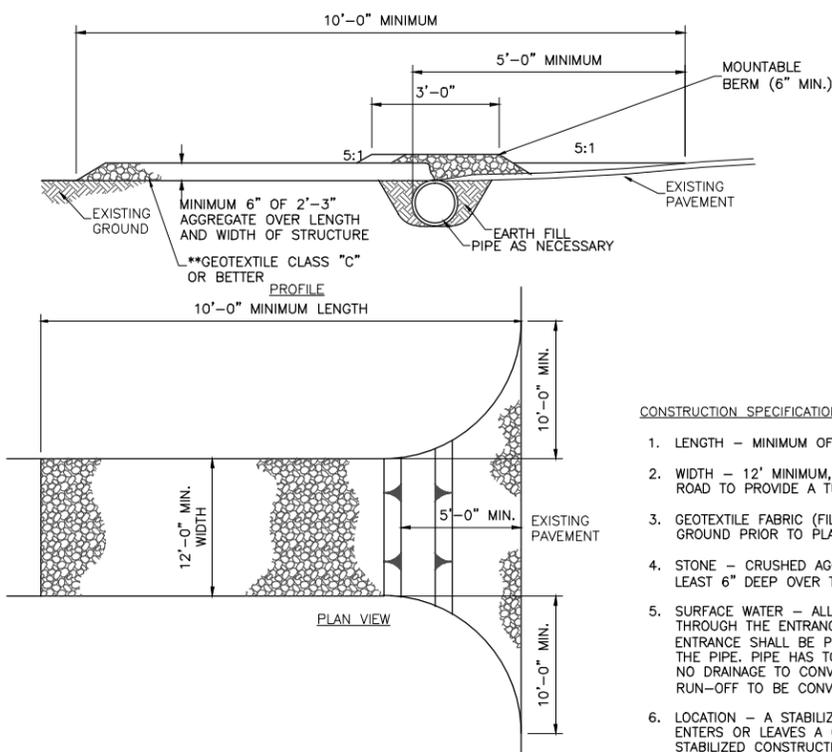


**JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)**

**5 SILT FENCE DETAIL**  
C-4 N.T.S.

**CONSTRUCTION SPECIFICATIONS:**

1. USE WOOD POSTS 1-3/4"x1-3/4"x1/16 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN 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 BY LOCAL AUTHORITIES 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 AS SPECIFIED BY LOCAL AUTHORITIES.
5. EMBED GEOTEXTILE A MINIMUM OF 8 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.



**CONSTRUCTION SPECIFICATIONS**

1. LENGTH - MINIMUM OF 10'.
2. WIDTH - 12' 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.
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 SCE 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.

**4 STABILIZED CONSTRUCTION ENTRANCE DETAIL**  
C-4 N.T.S.



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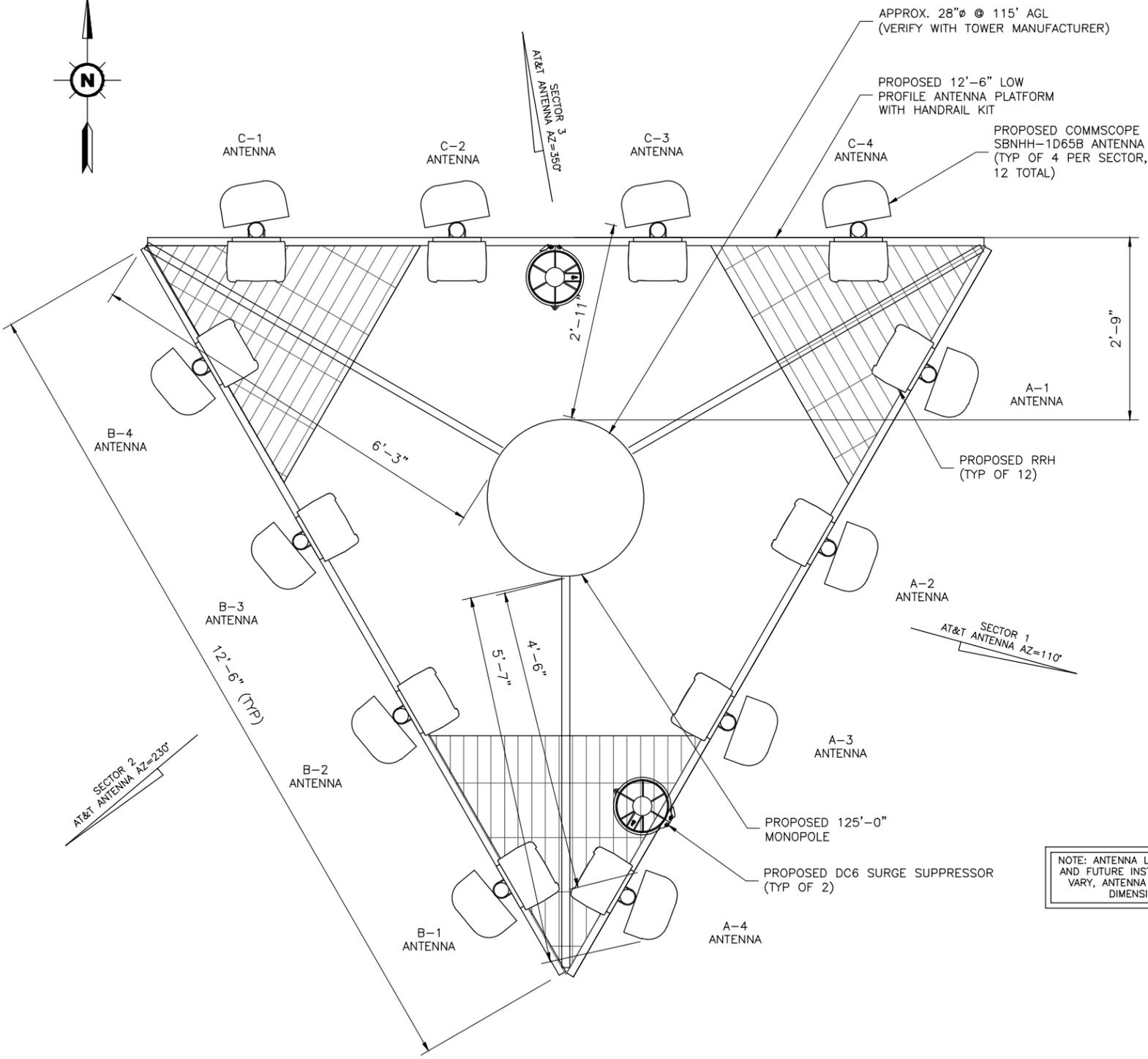
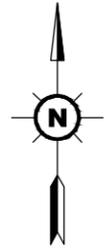
**DRAWING TITLE:**  
**CONSTRUCTION DETAILS**

**DRAWING SHEET:**  
**C-4**

**SHEET NUMBER:**  
**8 OF 9**

**SITE INFORMATION:**  
**SITE NAME:**  
**ALBEMARLE HIGH SCHOOL**  
**SITE ADDRESS:**  
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**22901**  
**JURISDICTION:**  
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APPROX. 28"Ø @ 115' AGL  
(VERIFY WITH TOWER MANUFACTURER)

PROPOSED 12'-6" LOW  
PROFILE ANTENNA PLATFORM  
WITH HANDRAIL KIT

PROPOSED COMMSCOPE  
SBNHH-1D65B ANTENNA  
(TYP OF 4 PER SECTOR,  
12 TOTAL)

PROPOSED RRH  
(TYP OF 12)

PROPOSED 125'-0"  
MONOPOLE

PROPOSED DC6 SURGE SUPPRESSOR  
(TYP OF 2)

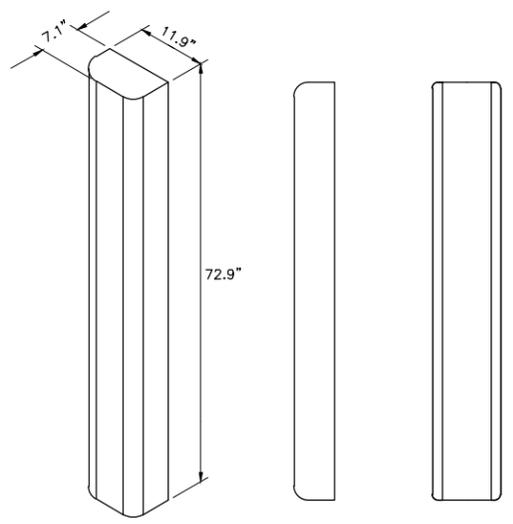
NOTE: ANTENNA LAYOUT IS TYPICAL FOR ALL PROPOSED  
AND FUTURE INSTALLATIONS. WHILE FINAL DESIGNS MAY  
VARY, ANTENNA PARAMETERS WILL NOT EXCEED MAX  
DIMENSIONS SHOWN ON THIS SHEET.

**PROPOSED ANTENNA SCHEDULE**

LOCATION	AZIMUTH	RAD CENTER	STATUS	TECHNOLOGY	ANTENNA MODEL #	# OF RRU	COAX SIZE	COAX LENGTH
<b>ALPHA</b>	A-1	110°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	2 ALU	1-1/4"	200'-0"
	A-2	110°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4"	200'-0"
	A-3	110°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
	A-4	110°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
<b>BETA</b>	B-1	230°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	2 ALU	1-1/4" (SHARED)	(SHARED)
	B-2	230°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
	B-3	230°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
	B-4	230°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
<b>GAMMA</b>	C-1	350°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	2 ALU	1-1/4" (SHARED)	(SHARED)
	C-2	350°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
	C-3	350°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)
	C-4	350°	PROPOSED	700/1900/2100/2300	SBNHH-1D65B	1 ALU	1-1/4" (SHARED)	(SHARED)

PROPOSED ANTENNA CONFIGURATION	MANUFACTURER	ANTENNA MODEL #	QUANTITY	HEIGHT	WIDTH	DEPTH	WEIGHT
COMMSCOPE	SBNHH	SBNHH-1D65B	12	72.9"	11.9"	7.1"	49.6 LBS

NOTE: ALL ANTENNAS TO BE  
PAINTED NON-REFLECTIVE GRAY  
(TO BE APPROVED BY MILESTONE)



ANTENNA WEIGHT = 49.6LBS.

**2**  
**A-1** SBNHH-1D65B ANTENNA MOUNTING DETAIL  
N.T.S.

**1**  
**A-1** ANTENNA PLAN  
SCALE: 1" = 2'-0"



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DRAWING TITLE:  
**ANTENNA LAYOUT & SCHEDULE**

DRAWING SHEET:  
**A-1**

SHEET NUMBER:  
**9 OF 9**

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