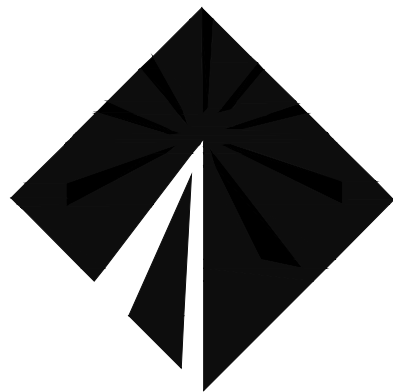


MAGNETIC DECLINATION
CALCULATED ON:
01-04-16



Milestone
COMMUNICATIONS

SITE NAME:

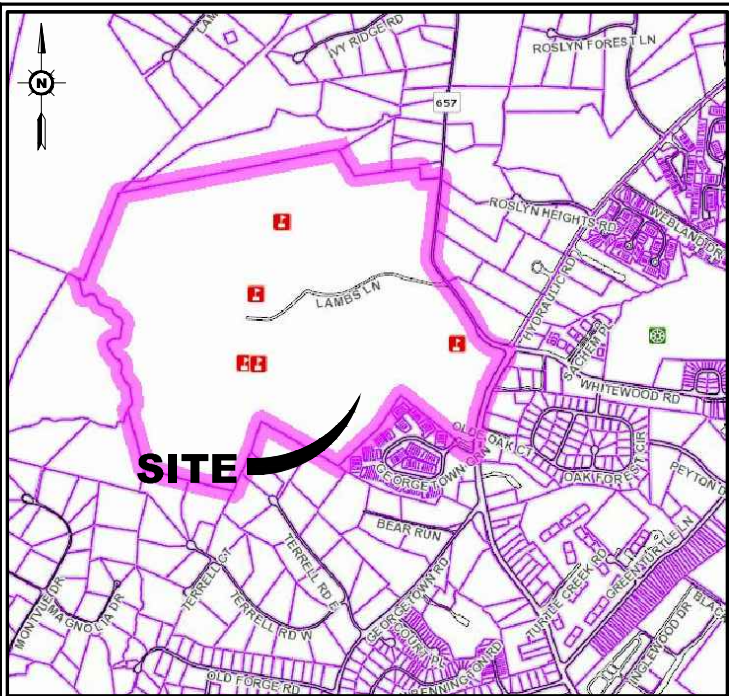
ALBEMARLE HIGH SCHOOL

**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.

| 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: _____



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

| 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 |

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

DRAWING TITLE:

TITLE SHEET

DRAWING SHEET:

T-1

SHEET NUMBER:

1 OF 9

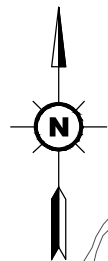
SITE INFORMATION:

SITE NAME:
ALBEMARLE HIGH SCHOOL

SITE ADDRESS:
2775 HYDRAULIC ROAD
CHARLOTTESVILLE, VIRGINIA
22901

JURISDICTION:
ALBEMARLE COUNTY

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



| 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

ADJOINER PROPERTY OWNER INFORMATION:

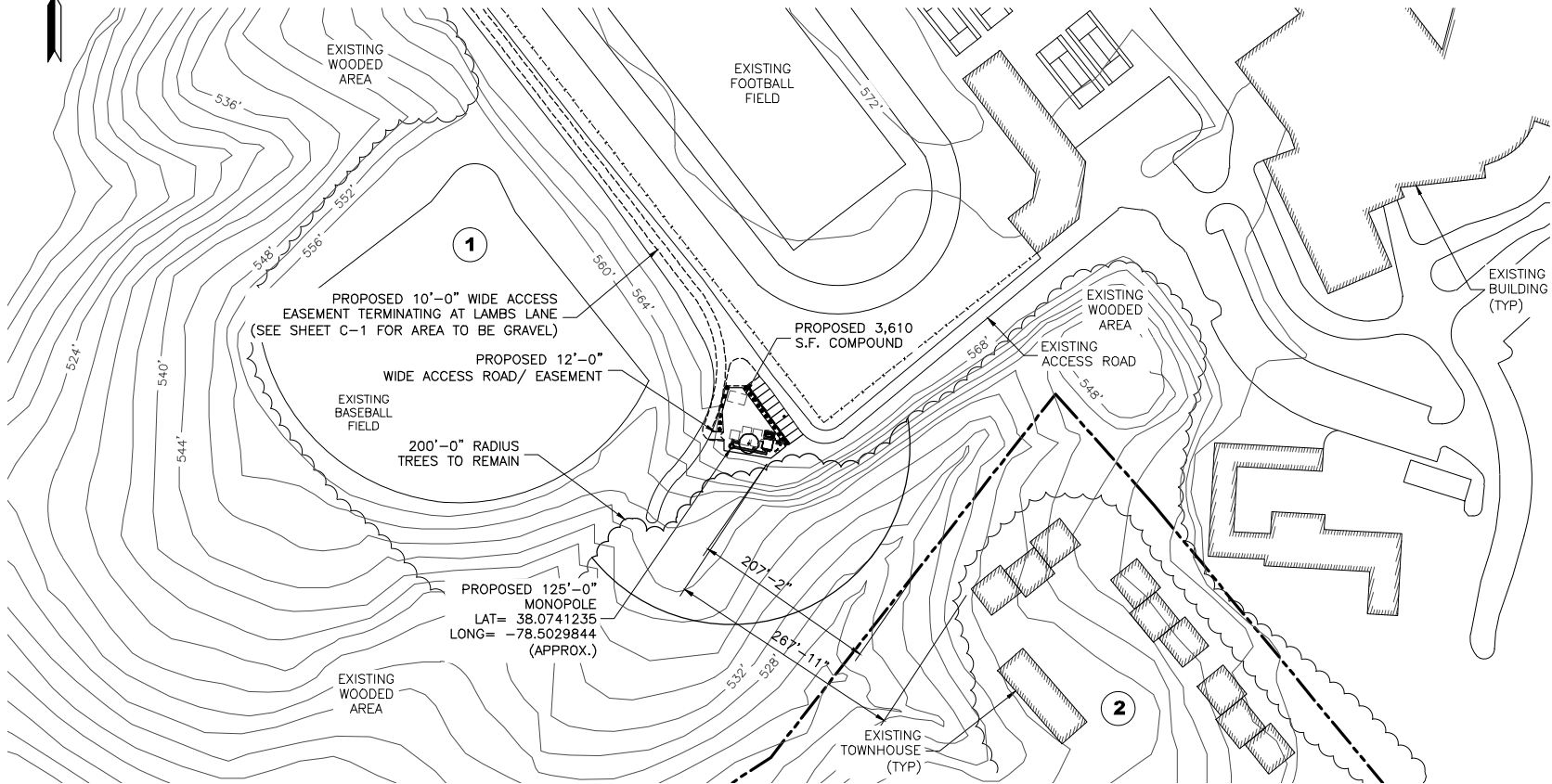
- 1 OWNER NAME: ALBEMARLE COUNTY PUBLIC SCHOOLS
MAILING ADDRESS: 401 MCINTIRE ROAD
CHARLOTTESVILLE, VIRGINIA 22902
TAX ACCOUNT #: 06000-00-00-078A0
- 2 OWNER NAME: GEORGETOWN GREEN HOME OWNERS ASSOCIATION INC.
MAILING ADDRESS: PO BOX 5642
CHARLOTTESVILLE, VIRGINIA 22905
TAX ACCOUNT #: 060F0-00-00-00200

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
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06000-00-00-076D0
- 4 OWNER NAME: DAVID G. & FORREST R. MITCHELL
MAILING ADDRESS: 186 TERRELL ROAD EAST
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06000-00-00-076D1
- 5 OWNER NAME: DAVID B. & TETIANA V. KENDALL
MAILING ADDRESS: 190 TERRELL ROAD EAST
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06000-00-00-070Y0
- 6 OWNER NAME: SHERWIN H. & ELIZABETH M. TERRY
MAILING ADDRESS: 185 TERRELL ROAD EAST
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06000-00-00-070X0
- 7 OWNER NAME: MARY LOUISE ABIDIN
MAILING ADDRESS: 320 TERRELL ROAD WEST
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 060000-00-00-070M0
- 8 OWNER NAME: JAMES M. COOPER & SHAMIM V. SISSON
MAILING ADDRESS: 330 TERRELL ROAD WEST
CHARLOTTESVILLE, 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
CHARLOTTESVILLE, VIRGINIA 22911
TAX ACCOUNT #: 060000-00-00-07700
- 11 OWNER NAME: DAVID & MELISSA SLUTZKY
MAILING ADDRESS: 405 IVY FARM DRIVE
CHARLOTTESVILLE, 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
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06000-00-00-07900
- 13 OWNER NAME: DANIEL G. KRASNEGOR
MAILING ADDRESS: 25 ROSLYN HEIGHTS ROAD
CHARLOTTESVILLE, 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
CHARLOTTESVILLE, VIRGINIA 22906
TAX ACCOUNT #: 06100-00-00-00500
- 16 OWNER NAME: WORD OF FAITH CHURCH
MAILING ADDRESS: BOX 7304
CHARLOTTESVILLE, 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
CHARLOTTESVILLE, VIRGINIA 22905
TAX ACCOUNT #: 06100-00-00-02700
- 19 OWNER NAME: YOUNG PROPERTY INVESTMENTS
MAILING ADDRESS: 240 HYDRAULIC RIDGE ROAD #101
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06100-00-00-027A1
- 20 OWNER NAME: EISENHARDT FAIRCLOTH KANGUR & WILHELM LLC
MAILING ADDRESS: 244 HYDRAULIC RIDGE ROAD
CHARLOTTESVILLE, VIRGINIA 22901
TAX ACCOUNT #: 06100-00-00-03600
- 21 OWNER NAME: OLDE OAK HILL LLC
MAILING ADDRESS: 656 EVERGREEN AVENUE
CHARLOTTESVILLE, VIRGINIA 22902
TAX ACCOUNT #: 061W1-01-00-00500
- 22 OWNER NAME: ELIZABETH B. WATTS
MAILING ADDRESS: 1526 MINOR RIDGE COURT
CHARLOTTESVILLE, VIRGINIA 22902
TAX ACCOUNT #: 06100-00-00-03800



1 SITE PLAN
SCALE: 1" = 200'-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
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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 |

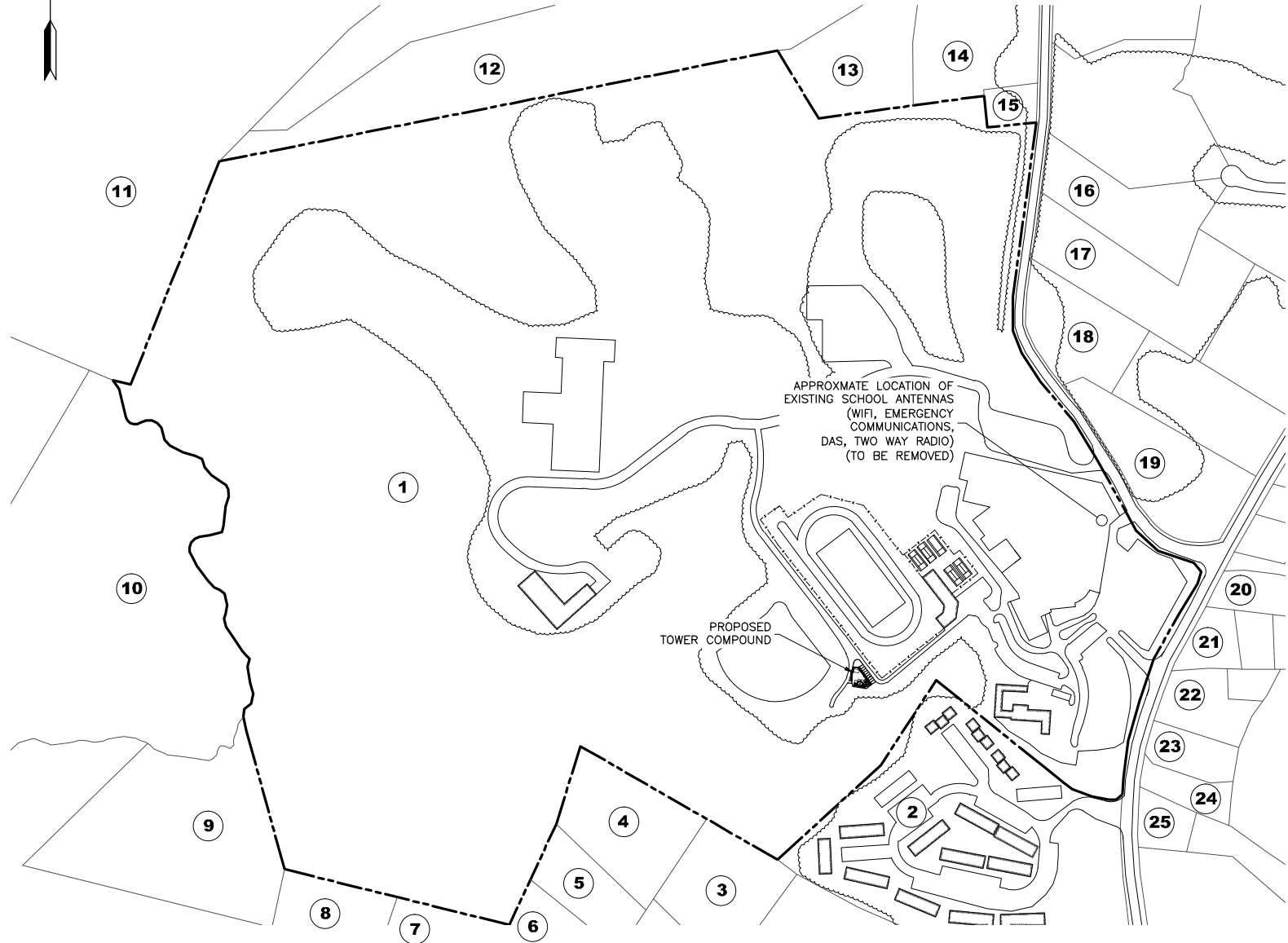
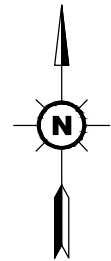
DRAWING TITLE:
SITE PLAN

DRAWING SHEET:
Z-1

SHEET NUMBER:
2 OF 9

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

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



1
Z-2
ENLARGED SITE PLAN
SCALE: 1" = 300'-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
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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.

**ADJOINER PROPERTY
OWNER INFORMATION:**

| | | | |
|----|--|----|---|
| 1 | OWNER NAME: ALBEMARLE COUNTY PUBLIC SCHOOLS MAILING ADDRESS: 401 MCINTIRE ROAD CHARLOTTESVILLE, VIRGINIA 22902 TAX ACCOUNT #: 06000-00-00-078A0 | 13 | OWNER NAME: COMMONWEALTH OF VIRGINIA MAILING ADDRESS: 1601 ORANGE ROAD CULPEPER, VIRGINIA 22701 TAX ACCOUNT #: 06000-00-00-080C1 |
| 2 | OWNER NAME: GEORGETOWN GREEN HOME OWNERS ASSOCIATION INC. MAILING ADDRESS: PO BOX 5642 CHARLOTTESVILLE, VIRGINIA 22905 TAX ACCOUNT #: 060F0-00-00-00200 | 14 | OWNER NAME: MARY L. & ADAM C. WYANT MAILING ADDRESS: 1995 LAMBS ROAD CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06000-00-00-080C0 |
| 3 | OWNER NAME: CHARLES B. & SUE S. STOKE MAILING ADDRESS: 170 TERRELL ROAD EAST CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06000-00-00-076D0 | 15 | OWNER NAME: MARY L. & ADAM C. WYANT MAILING ADDRESS: 1995 LAMBS ROAD CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06000-00-00-07900 |
| 4 | OWNER NAME: DAVID G. & FORREST R. MITCHELL MAILING ADDRESS: 186 TERRELL ROAD EAST CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06000-00-00-076D1 | 16 | OWNER NAME: DANIEL G. KRASNEGOR MAILING ADDRESS: 25 ROSLYN HEIGHTS ROAD CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06100-00-00-002B0 |
| 5 | OWNER NAME: DAVID B. & TETIANA V. KENDALL MAILING ADDRESS: 190 TERRELL ROAD EAST CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06000-00-00-070Y0 | 17 | OWNER NAME: JAMES O. & ELIZA JEAN BALLARD MAILING ADDRESS: 262 HEBRON COURT MADISON, VIRGINIA 22727 TAX ACCOUNT #: 06100-00-00-004A0 |
| 6 | OWNER NAME: SHERWIN H. & ELIZABETH M. TERRY MAILING ADDRESS: 185 TERRELL ROAD EAST CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06000-00-00-070X0 | 18 | OWNER NAME: LOAVES & FISHES FOOD PANTRY MAILING ADDRESS: PO BOX 8001 CHARLOTTESVILLE, VIRGINIA 22906 TAX ACCOUNT #: 06100-00-00-00500 |
| 7 | OWNER NAME: MARY LOUISE ABIDIN MAILING ADDRESS: 320 TERRELL ROAD WEST CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 060000-00-00-070M0 | 19 | OWNER NAME: WORD OF FAITH CHURCH MAILING ADDRESS: BOX 7304 CHARLOTTESVILLE, VIRGINIA 22906 TAX ACCOUNT #: 06100-00-00-00600 |
| 8 | OWNER NAME: JAMES M. COOPER & SHAMIM V. SISSON MAILING ADDRESS: 330 TERRELL ROAD WEST CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 060000-00-00-070M1 | 20 | OWNER NAME: L & M COMMONWEALTH PROPERTIES LLC. MAILING ADDRESS: PO BOX 1889 MIDDLEBURG, VIRGINIA 20118 TAX ACCOUNT #: 06100-00-00-02500 |
| 9 | OWNER NAME: DANIEL A. JR. ROBINSON & SUSAN R. THOMPSON MAILING ADDRESS: 10516 CEDAR AVENUE FAIRFAX, VIRGINIA 22030 TAX ACCOUNT #: 060000-00-00-077A2 | 21 | OWNER NAME: CARR WOOD PRODUCTS LLC. MAILING ADDRESS: PO BOX 5306 CHARLOTTESVILLE, VIRGINIA 22905 TAX ACCOUNT #: 06100-00-00-02700 |
| 10 | OWNER NAME: COMMONWEALTH OF VIRGINIA MAILING ADDRESS: 701 VDOT WAY CHARLOTTESVILLE, VIRGINIA 22911 TAX ACCOUNT #: 060000-00-00-07700 | 22 | OWNER NAME: YOUNG PROPERTY INVESTMENTS MAILING ADDRESS: 240 HYDRAULIC RIDGE ROAD #101 CHARLOTTESVILLE, VIRGINIA 22901 TAX ACCOUNT #: 06100-00-00-027A1 |
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COMMUNICATIONS
12110 SUNSET HILLS ROAD, SUITE 100
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advantage engineers

7070 SAMUEL MORSE DRIVE, SUITE 150
COLUMBIA, MARYLAND 21046
PHONE (410) 367-0003
www.advantageengineers.com

SCHEDULE OF REVISIONS

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| 0 | 06-06-16 | REV. PER COMMENTS |
| REV. NO. | DATE | DESCRIPTION OF CHANGES |

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

DRAWING TITLE:

**ENLARGED
SITE PLAN**

DRAWING SHEET:

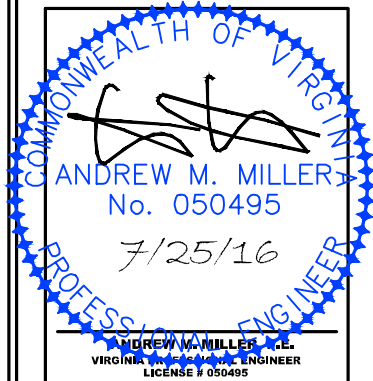
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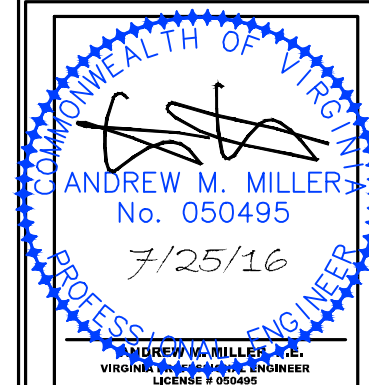
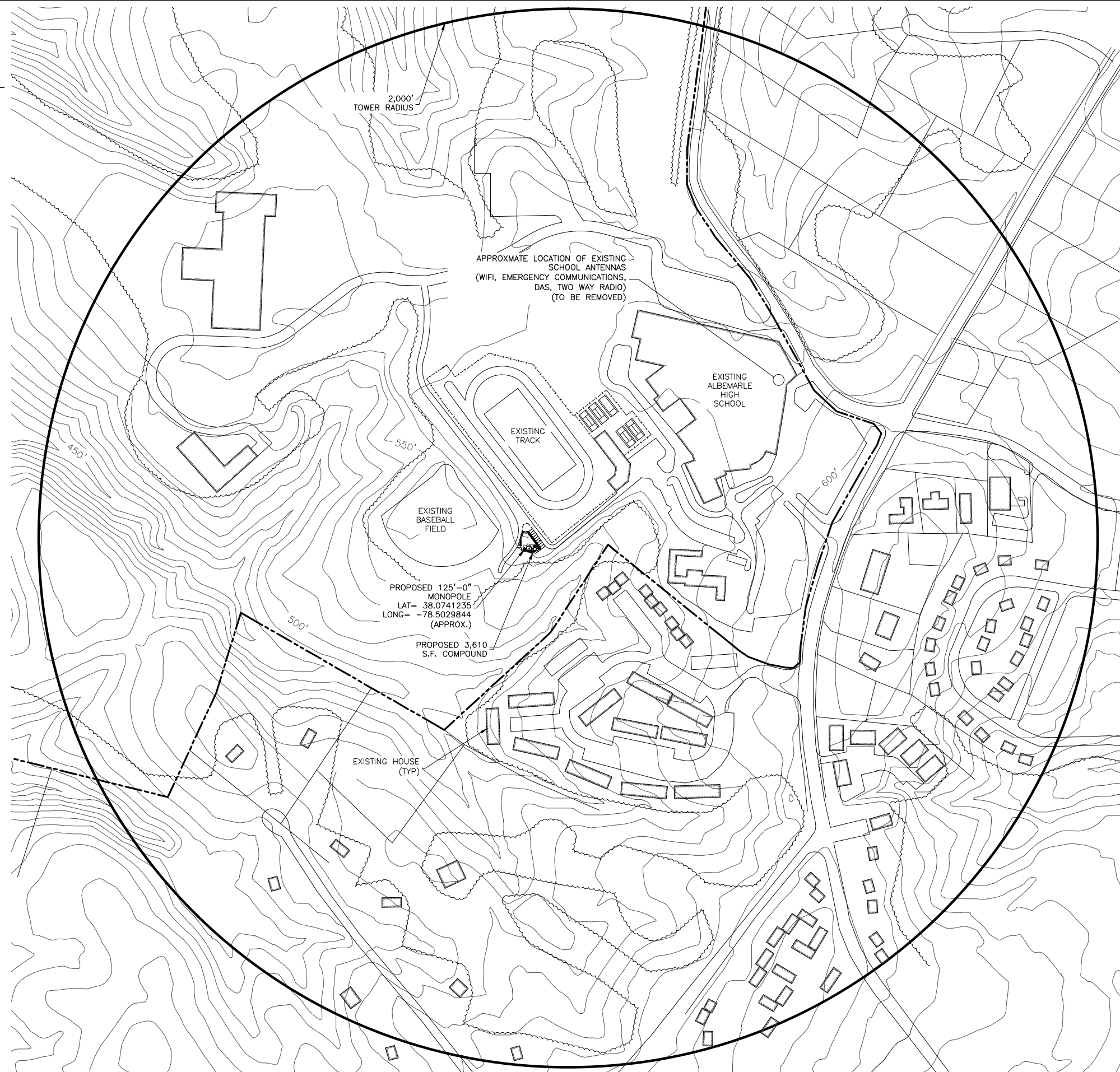
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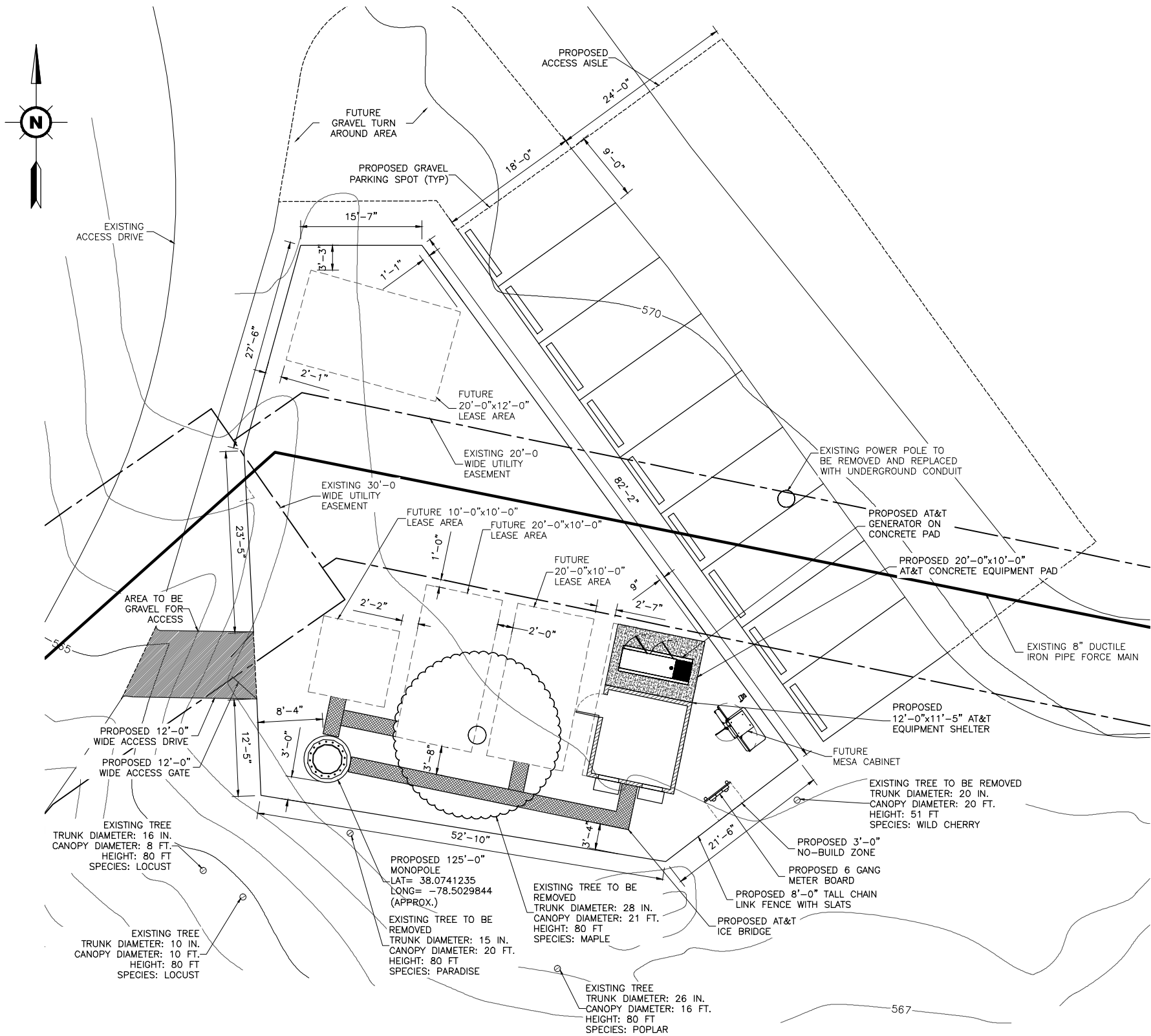
3 OF 9

SITE INFORMATION:

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







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

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



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



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.



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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 |

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

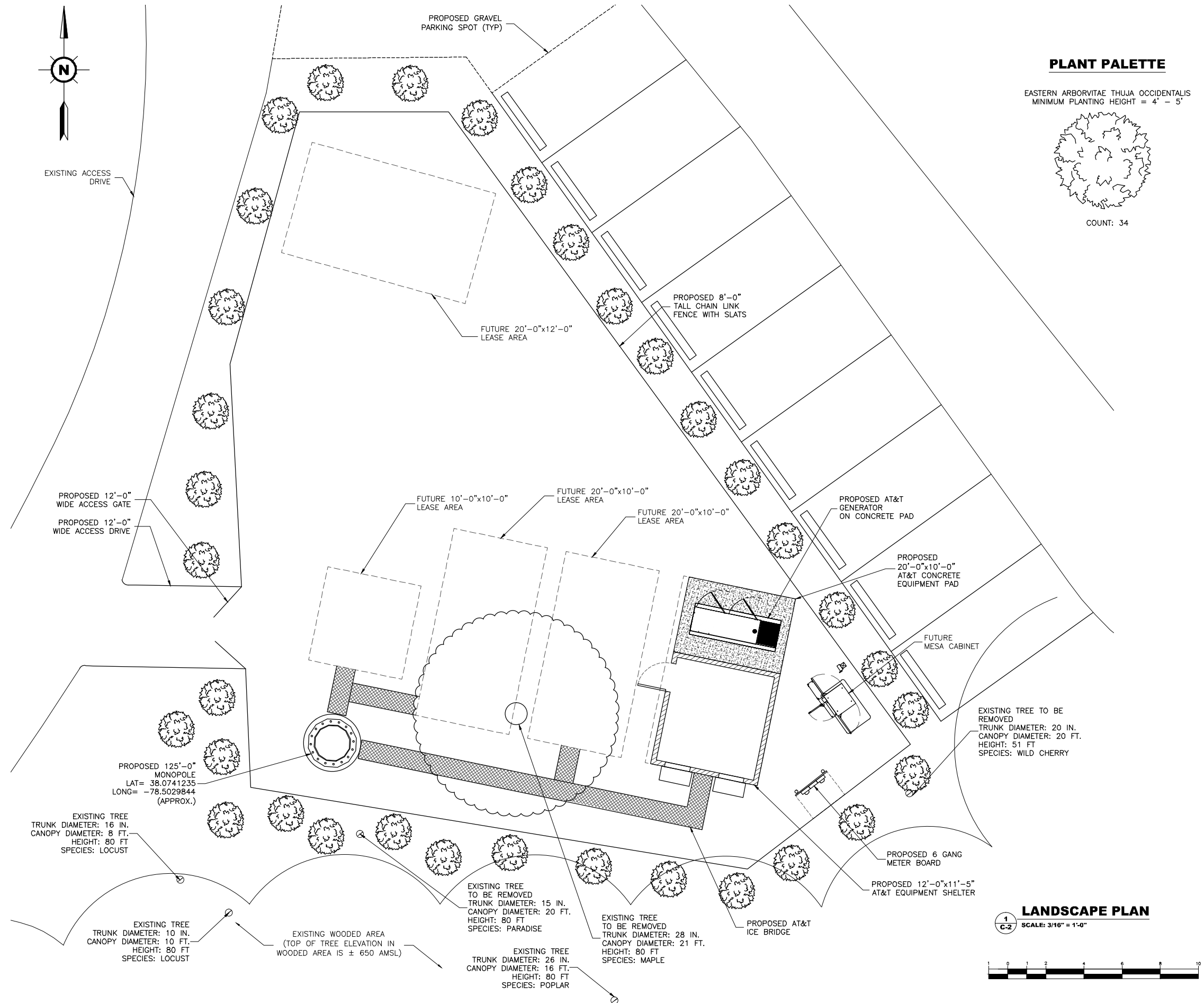
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DRAWING SHEET: C-1

SHEET NUMBER: 5 OF 9

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

Professional Engineer seal for Andrew M. Miller, No. 050495, dated 7/25/16.



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

DRAWING TITLE:

LANDSCAPE PLAN

DRAWING SHEET:

C-2

SHEET NUMBER:

6 OF 9

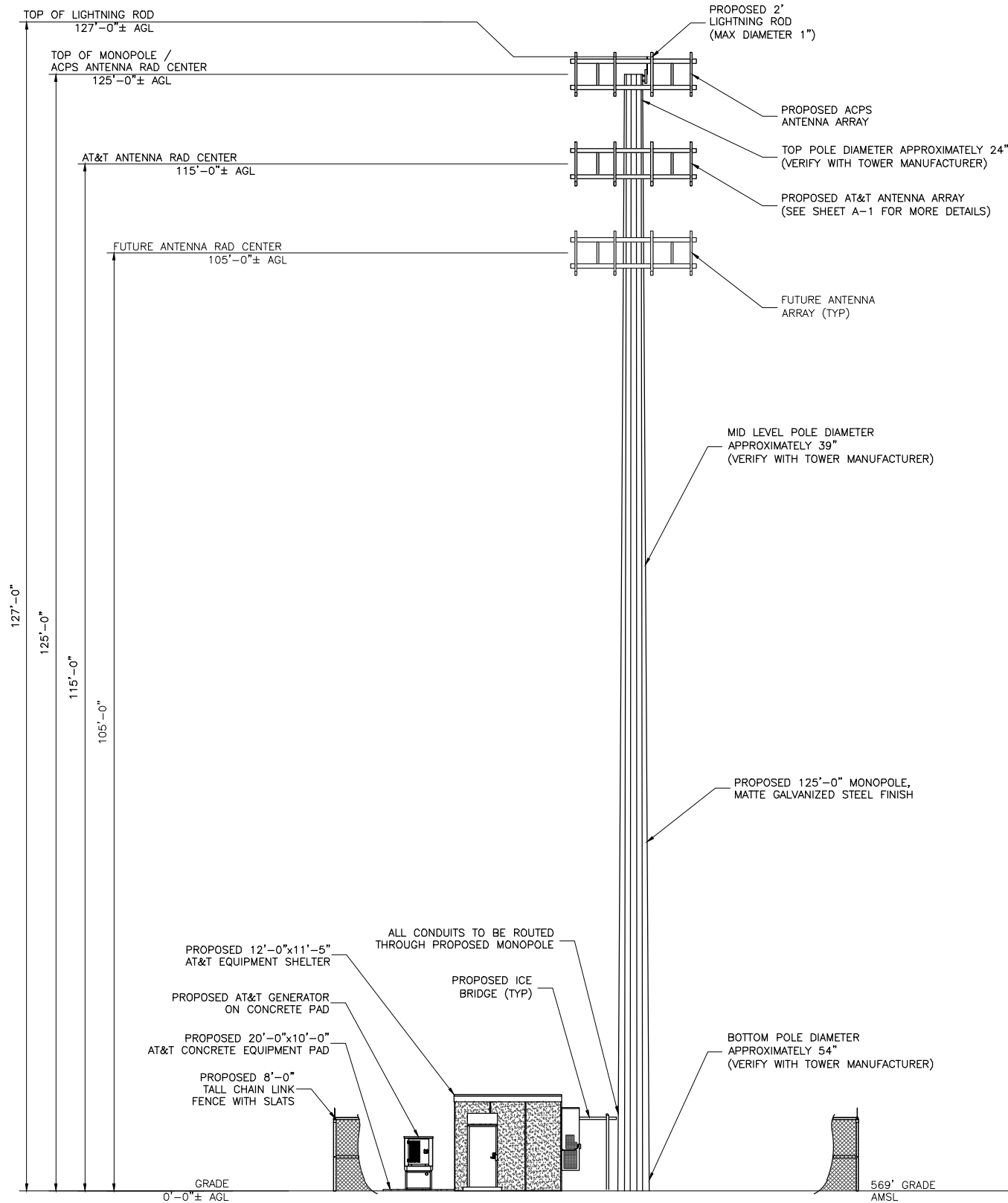
SITE INFORMATION:

SITE NAME:
ALBEMARLE HIGH SCHOOL

SITE ADDRESS:
**2775 HYDRAULIC ROAD
CHARLOTTESVILLE, VIRGINIA
22901**

JURISDICTION:
ALBEMARLE COUNTY

ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # 050495



ELEVATION
SCALE: 1/8" = 1'-0"



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| SCALE: | NOTED |
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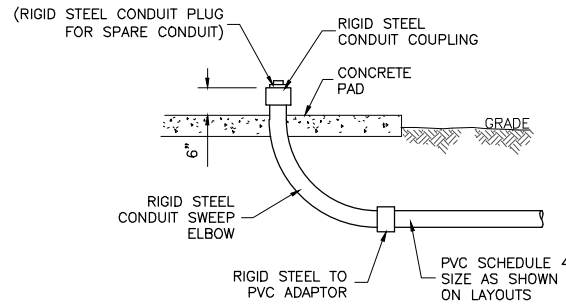
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ELEVATION

DRAWING SHEET:
C-3

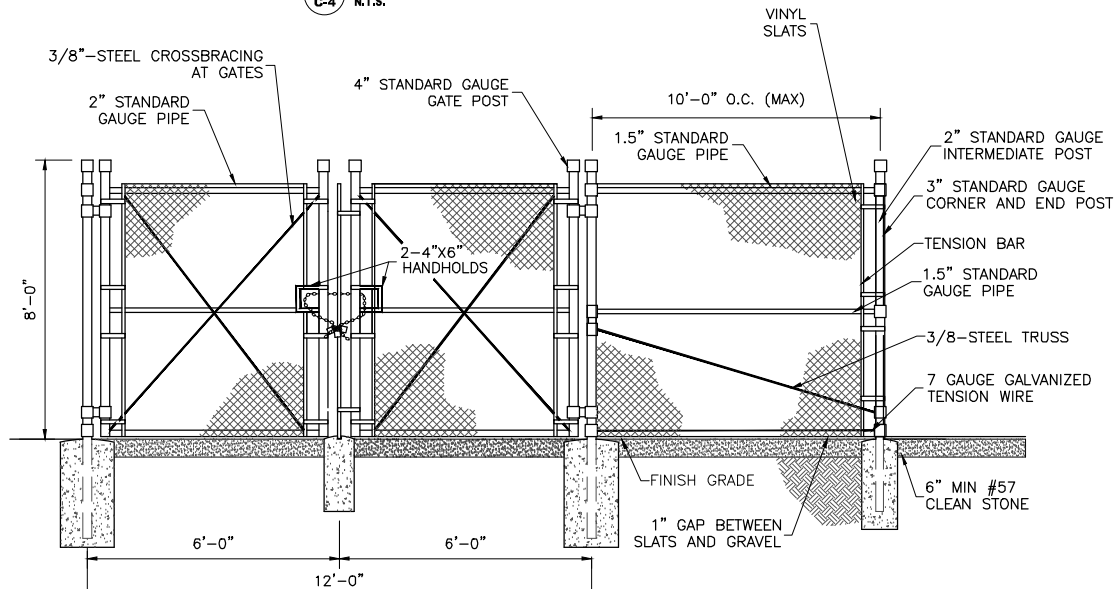
SHEET NUMBER:
7 OF 9

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

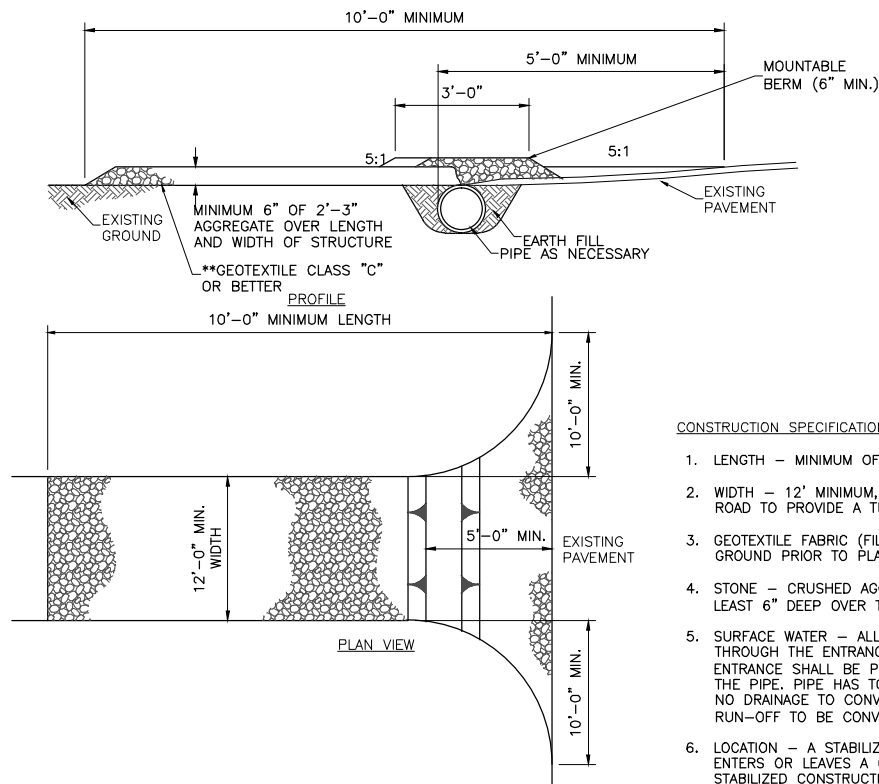
COMMONWEALTH OF VIRGINIA
ANDREW M. MILLER, P.E.
No. 050495
7/25/16
PROFESSIONAL ENGINEER
ANDREW M. MILLER, P.E.
VIRGINIA PROFESSIONAL ENGINEER
LICENSE # 050495



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



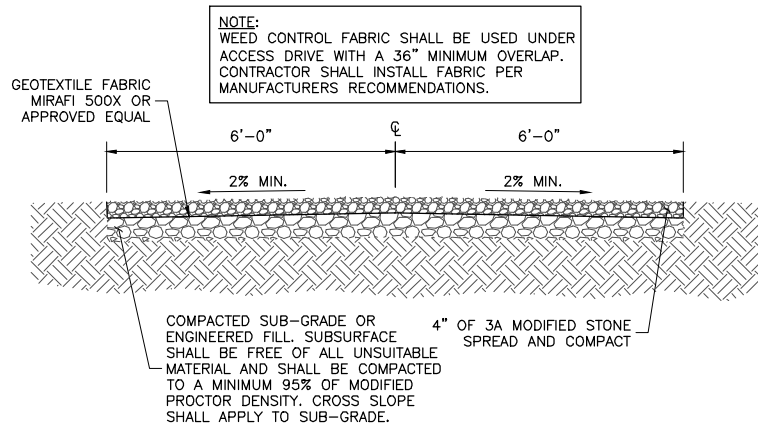
3
C-4
N.T.S.
TYPICAL FENCE AND GATE DETAIL



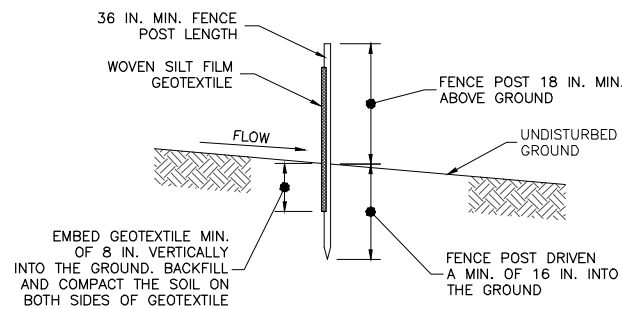
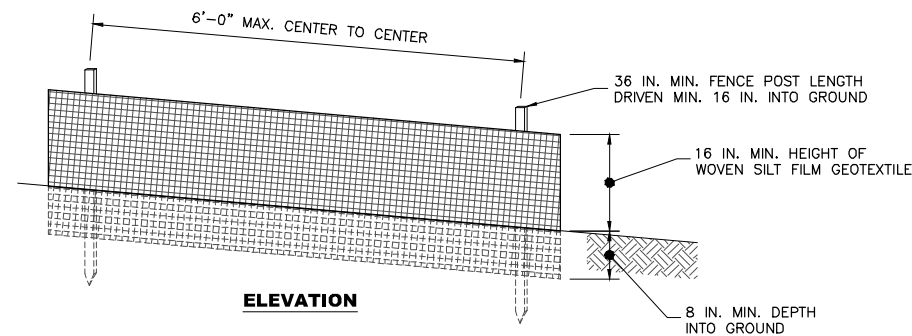
4
C-4
N.T.S.
STABILIZED CONSTRUCTION ENTRANCE DETAIL

CONSTRUCTION SPECIFICATIONS

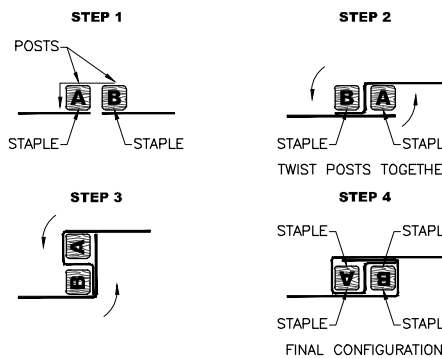
1. LENGTH — MINIMUM OF 10'.
2. WIDTH — 12' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
3. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE.
4. STONE — CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT 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.



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



CROSS SECTION



JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)

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

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 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 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.



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DRAWING TITLE:

**CONSTRUCTION
DETAILS**

DRAWING SHEET:

C-4

SHEET NUMBER:

8 OF 9

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