

**Milestone**  
COMMUNICATIONS

**T-Mobile**  
T-MOBILE NORTHEAST LLC

# SPECIAL USE PERMIT

## TAX MAP 21-A-93A

### DVP CHANCELLOR SUBSTATION

### 11100 GORDON ROAD

### FREDERICKSBURG, VA 22407

COUNTY APPROVAL BLOCK

TAX MAP 21-A-93A

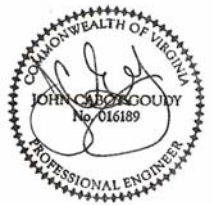


6600 Rockledge Drive, Suite 550  
Bethesda, MD 20817  
PHONE: (202)408-0960  
FAX: (202)408-0961

#### SUBMITTALS

DATE	DESCRIPTION	REV.
11-21-16	ZONING REVIEW	
11-28-16	ZONING REVIEW	
04-24-17	ZONING REVIEW	
05-26-17	ZONING REVIEW	
06-12-17	ZONING	
08-15-17	ZONING	

SEAL:



**Milestone**  
COMMUNICATIONS

PROJECT NO: 1050.196  
DESIGNER: M.A.  
ENGINEER: M.M.

SCALE:  
0 1/2 1  
GRAPHIC SCALE IN INCHES

#### SPECIAL USE PERMIT

**DVP CHANCELLOR  
SUBSTATION**  
**11100 GORDON ROAD**  
**FREDERICKSBURG, VA 22407**

**TAX MAP 21-A-93A**

TITLE:

**TITLE SHEET**

SHEET NUMBER:

**T-1**

#### SHEET INDEX

- T-1 TITLE SHEET
- Z-1 SITE PLAN
- Z-2 EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
- Z-2A ENLARGED EROSION AND SEDIMENT CONTROL PLANS
- Z-3 COMPOUND PLAN
- Z-4 MONOPOLE ELEVATION
- Z-5 T-MOBILE ANTENNA LAYOUT, DETAILS AND SCHEDULE
- Z-6 T-MOBILE EQUIPMENT DETAILS
- Z-7 SITE DETAILS
- Z-8 TREE REMOVAL PLAN AND LANDSCAPING PLAN "A"
- Z-9 LANDSCAPING PLAN "B" AND DETAILS
- Z-10 MONOPOLE CLEARANCE PLAN AND PROFILES

#### PROJECT DESCRIPTION

SCOPE OF WORK:

1. INSTALL EROSION AND SEDIMENT CONTROLS.
2. INSTALL CONSTRUCTION ACCESS ROAD TO THE COMPOUND.
2. INSTALL A NEW 150'-0" MONOPOLE FOUNDATION AND MONOPOLE.
3. INSTALL EQUIPMENT PADS AND CARRIER EQUIPMENT.
4. INSTALL TELEPHONE AND ELECTRIC SERVICE FROM EXISTING DEMARCATION POINTS.
5. INSTALL COMPOUND SITE IMPROVEMENTS.
6. INSTALL CARRIER PANEL ANTENNAS ON THE MONOPOLE.
7. INSTALL CARRIER RF CABLES INSIDE THE MONOPOLE.

#### PROJECT INFORMATION

THIS PROJECT IS FOR THE CONSTRUCTION OF A 160' MONOPOLE AND A 74' x 35' EQUIPMENT COMPOUND

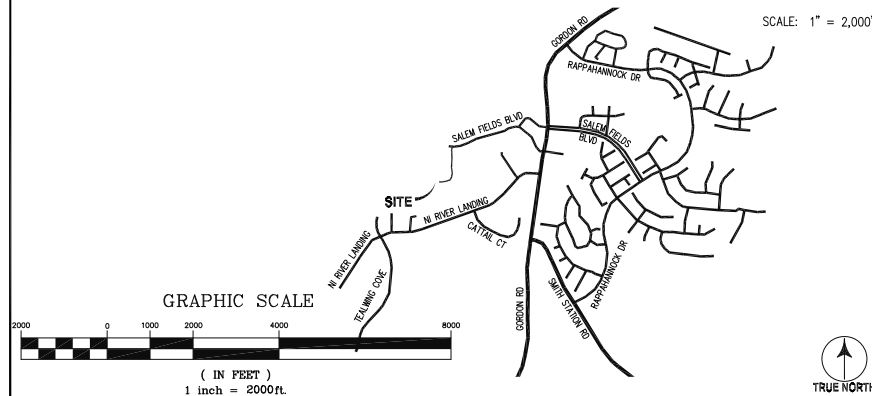
PROPERTY OWNER: VIRGINIA ELECTRIC AND POWER COMPANY  
2400 GRAYLAND AVENUE  
RICHMOND, VA 23220  
ROBERT CAPEHART  
804-771-3295

APPLICANT: MILESTONE COMMUNICATIONS  
12110 SUNSET HILLS ROAD, SUITE 100  
RESTON, VA 20190  
MR. LEN FORKAS  
703-620-2555 EXT. 104

LATITUDE: N 38° 15' 40.829"  
LONGITUDE: W 77° 35' 20.385"  
GROUND ELEVATION: 311.6' AMSL  
JURISDICTION: SPOTSYLVANIA COUNTY  
PARCEL ID: 21-A-93A  
CURRENT ZONING: RU  
USE: DOMINION SUBSTATION/TELECOMMUNICATIONS

#### VICINITY MAP

DIRECTIONS:  
FROM 12110 SUNSET HILLS ROAD RESTON, VA: HEAD EAST ON VA-675/SUNSET HILLS RD. TURN RIGHT ONTO THE RAMP TO RESTON PARKWAY. TAKE RAMP RIGHT FOR VA-267 TOLL EAST TOWARD WASHINGTON. TAKE EXIT 18A RIGHT FOR I-495 SOUTH TOWARD RICHMOND. TAKE EXIT 57A RIGHT FOR I-95 S TOWARD RICHMOND. AT EXIT 130B TAKE RAMP RIGHT FOR VA-3 WEST TOWARD CULPEPER. TURN LEFT ONTO GORDON ROAD. GO APPROXIMATELY 2.4 MILES. SITE WILL BE ON THE RIGHT.



#### SYMBOLS AND ABBREVIATIONS

ADJ	ADJUSTABLE	MECH	MECHANICAL	⊕	SPOT ELEVATION
APPROX	APPROXIMATE	MFR	MANUFACTURER	⊕	CENTERLINE
CAB	CABINET	MGB	MAIN GROUND BAR	⊕	PLATE
CLG	CEILING	MIN	MINIMUM	⊕	DETAIL NUMBER
CONC	CONCRETE	MTL	METAL	⊕	SHEET NUMBER
CONT	CONTINUOUS	NIC	NOT IN CONTRACT	⊕	GROUND WIRE
CJ	CONSTRUCTION JOINT	NTS	NOT TO SCALE	⊕	ANTENNA
DIA	DIAMETER	OC	ON CENTER	⊕	CALL
DWG	DRAWING	OPP	OPPOSITE	⊕	MISS UTILITY
EGB	EQUIPMENT GROUND BAR	SF	SQUARE FOOT	⊕	3 WORKING DAYS PRIOR TO DIGGING
EA	EACH	SHT	SHEET	⊕	SAFETY PRECAUTIONS SHALL BE IMPLEMENTED BY
ELEC	ELECTRICAL	SIM	SIMILAR	⊕	CONTRACTOR(S) AT ALL TRENCHING IN ACCORDANCE WITH
EL	ELEVATION	SS	STAINLESS STEEL	⊕	CURRENT OSHA STANDARDS
EQ	EQUAL	STL	STEEL	⊕	
EQUIP	EQUIPMENT	TOC	TOP OF CONCRETE	⊕	
EXT	EXTERIOR	TOM	TOP OF MASONRY	⊕	
FF	FINISHED FLOOR	TOS	TOP OF STEEL	⊕	
GA	GAGE	TYP	TYPICAL	⊕	
GALV	GALVANIZED	VF	VERIFY IN FIELD	⊕	
GB	GROUND BAR	UON	UNLESS OTHERWISE NOTED	⊕	
GC	GENERAL CONTRACTOR	WNF	WELDED WIRE FABRIC	⊕	
GRND	GROUND	W/	WITH	⊕	
LG	LONG	&	AND	⊕	
LLH	LONG LEG HORIZONTAL	⊕	AT	⊕	
MAX	MAXIMUM			⊕	

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES.
2. THE ARCHITECT/ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE CONSTRUCTION MANAGER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWING/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATION UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
11. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
12. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
13. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
14. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL THE CONFLICT IS RESOLVED BY THE CONSTRUCTION MANAGER.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE PROJECT.

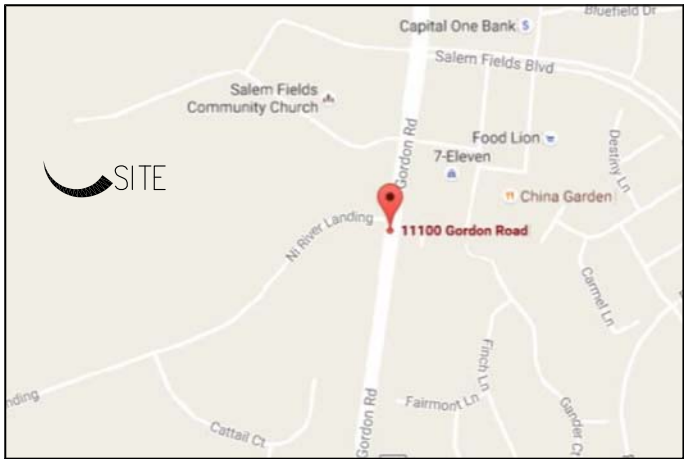
#### APPROVALS

MILESTONE COMMUNICATIONS:

NAME \_\_\_\_\_ DATE \_\_\_\_\_

PROPERTY OWNER:

NAME \_\_\_\_\_ DATE \_\_\_\_\_



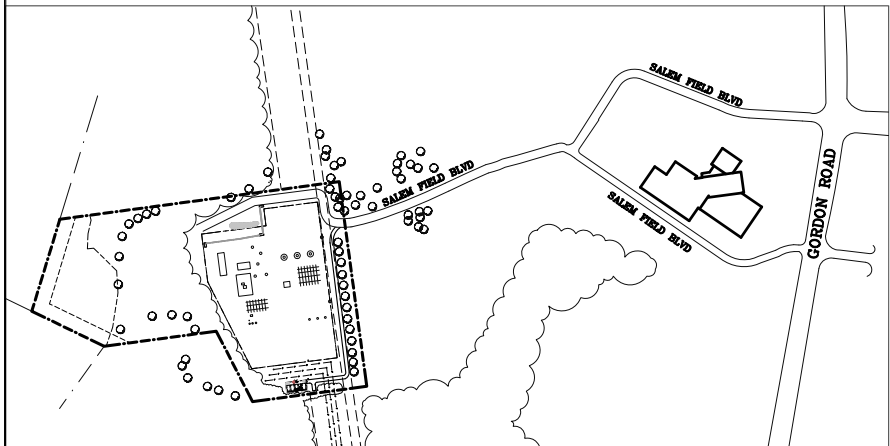
#### AREA MAP

SCALE: 1" = 500'



#### SITE PLAN NOTES

1. SITE NAME: DVP CHANCELLOR SUBSTATION
2. THIS IS NOT A BOUNDARY SURVEY AND IS NOT TO BE USED FOR THE TRANSFER OF PROPERTY.
3. THE SUBJECT PARCEL INFORMATION:  
OWNER: VIRGINIA ELECTRIC AND POWER COMPANY  
PREMISES ADDRESS: 11100 GORDON ROAD  
FREDERICKSBURG, VA 22407  
MAILING ADDRESS: 2400 GRAYLAND AVE.  
RICHMOND, VA 23220  
COUNTY: SPOTSYLVANIA COUNTY  
PARCEL ID (PIN): 21-A-93A  
ZONING: RU
4. THE RECORDED REFERENCES FOR THE SUBJECT PARCEL ARE AS FOLLOWS:  
DEED BOOK 1742, PAGE 713  
AREA: 13.624 AC
5. THE DATUM'S ARE NAD 83 AND NAVD 88, AND THE BEARING BASE IS STATE GRID.
6. NO UNDERGROUND UTILITIES HAVE BEEN LOCATED, THE PRESENCE OF ANY SUCH UTILITIES MUST BE CONFIRMED BY THE CONTRACTOR BEFORE CONSTRUCTION.
7. NO WETLANDS HAVE BEEN DEFINED AND ANY AREAS SHOWN AS MARSH, PONDS OR DITCHES ARE DONE SO FROM VISIBLE SURFACE FEATURES AND IN NO WAY CONSTITUTE A DEFINED WETLAND.
8. THE FLOOD ZONE OF THE PROPOSED MONOPOLE IS AS FOLLOWS: FLOOD ZONE X, AREA OF MINIMUM FLOODING. SOURCE, FEMA FLOOD MAP FOR SPOTSYLVANIA COUNTY, VA, COMMUNITY PANEL NUMBER 510308 0075C. REVISED, FEBRUARY 18, 1998.
9. A TITLE REPORT WAS FURNISHED FOR THIS SURVEY ON AUGUST 18, 2016, BY CAMDEN TITLE & SETTLEMENT COMPANY, INC.
10. THE DATA COLLECTED AND SHOWN ON THIS DRAWING ARE FOR THE PURPOSES OF CONSTRUCTION OF A CELLULAR MONOPOLE, ANY NECESSARY ANCILLARY EQUIPMENT AND ALL APPROPRIATE EASEMENTS.
11. NO UNRECORDED EASEMENTS ARE SHOWN ON THIS SURVEY AND IT IS POSSIBLE THAT SUCH EASEMENTS IMPACT THE SITE.
12. THIS PROPERTY IS SUBJECT TO ALL MATTERS OF PUBLIC RECORD.
13. THE LOCATION OF THE PROPOSED MONOPOLE IS AS FOLLOWS; THE VALUES LISTED BELOW ARE WITHIN  $\pm 50'$  HORIZONTAL AND  $\pm 20'$  VERTICAL.  
LATITUDE: N 38° 15' 40.830"  
LONGITUDE: W 77° 35' 20.373"  
GROUND ELEVATION: 311.6' AT BASE
14. PROPERTY LIES WITHIN A RESERVOIR PROTECTION OVERLAY DISTRICT.
15. PROPERTY WILL BE VISITED APPROXIMATELY 5 TIMES PER MONTH AT FULL CAPACITY.
16. THERE ARE NO KNOWN HISTORIC BUILDINGS, FEATURES OR BURIAL SITES ON THE PROPERTY.
17. FOR PURPOSE OF THE FALL ZONE DISTANCE, AS SHOWN HEREIN, THE APPLICANT REQUIRES A WAIVER TO COUNTY ORDINANCE SECTION 23-7A.4.1.2.(A)."



#### KEY PLAN

SCALE: 1" = 300'



#### LEGEND

- FOUND PROPERTY CORNER
- △ BENCH MARKS
- UTILITY POLE
- SIGN
- ☆ LIGHT POLE
- TP TELEPHONE PEDESTAL
- INDIVIDUAL TREE - DECIDUOUS

#### LINE TYPES

- BOUNDARY LINE - PARENT PARCEL
- RIGHT OF WAY BOUNDARY
- EDGE OF ASPHALT
- EDGE OF CONCRETE
- FENCE LINE - CHAIN
- 1' CONTOUR LINE
- 5' CONTOUR LINE
- TREE OR VEGETATION LINE

PARCEL ID: 21-A-94  
INSTRUMENT NO. 20060002037  
CHARLES B. & JOY F. STANLEY, TRUSTEE  
PREMISES ADDRESS: FREDERICKSBURG, VA 22407  
MAILING ADDRESS: 7 SANDSTONE COVE  
PARK CITY, UTAH 84060  
AREA: 33.0 ACRES  
ZONE: RU

PARCEL ID: 21-A-93  
INSTRUMENT NO. 200500034580  
N/F  
SALEM FIELDS COMMUNITY CHURCH  
PREMISES ADDRESS: 11120 GORDON ROAD  
FREDERICKSBURG, VA 22407  
MAILING ADDRESS: 11120 GORDON ROAD  
FREDERICKSBURG, VA 22407-1713  
AREA: 69.53 ACRES  
ZONE: RU

PARCEL ID: 21-A-93A  
DEED BOOK 1742, PAGE 713  
N/F  
CHANCELLOR SUBSTATION  
VIRGINIA ELECTRIC AND POWER COMPANY  
PREMISES ADDRESS: 11100 GORDON ROAD  
FREDERICKSBURG, VA 22553  
MAILING ADDRESS: 2400 GRAYLAND AVE.  
RICHMOND, VA 23220  
AREA: 13.624 ACRES  
ZONE: RU

PARCEL ID: 21J-1-17  
INSTRUMENT NO. 200800008600  
N/F  
FRANK DEVLIN  
PREMISES ADDRESS: 10910 TEALWING COVE  
FREDERICKSBURG, VA 22407  
MAILING ADDRESS: 10910 TEALWING COVE  
FREDERICKSBURG, VA 22407-2508  
AREA: 18.95 ACRES  
ZONE: RU

PARCEL ID: 21-A-93  
INSTRUMENT NO. 200500034580  
N/F  
SALEM FIELDS COMMUNITY CHURCH  
PREMISES ADDRESS: 11120 GORDON ROAD  
FREDERICKSBURG, VA 22407  
MAILING ADDRESS: 11120 GORDON ROAD  
FREDERICKSBURG, VA 22407-1713  
AREA: 69.53 ACRES  
ZONE: RU

#### GRAPHIC SCALE



( IN FEET )  
1 inch = 60 ft.

#### SITE PLAN

SCALE: 1" = 60'



MONOPOLE SETBACKS		
	PROPOSED	REQUIRED
FRONT YARD (EAST)	$\pm 243.1'$	172.5'
REAR YARD (WEST)	$\pm 189.4'$	172.5'
SIDE YARD (NORTH)	$\pm 706.0'$	172.5'
SIDE YARD (SOUTH)	$\pm 14.0'$	172.5'
CLOSEST OFF SITE RESIDENCE	$\pm 684.0'$	N/A
CLOSEST OFF SITE ROAD	$\pm 747.5'$	N/A
SALEM FIELDS BLVD X GORDON RD	$\pm 1888.4'$	N/A

COUNTY APPROVAL BLOCK

TAX MAP 21-A-93A



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08-15-17	ZONING	

SEAL:



PROJECT NO: 1050.196

DESIGNER: R.S.

ENGINEER: M.M.

SCALE:



GRAPHIC SCALE IN INCHES

#### SPECIAL USE PERMIT

DVP CHANCELLOR  
SUBSTATION  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407

TAX MAP 21-A-93A

TITLE:

SITE PLAN

SHEET NUMBER:

Z-1



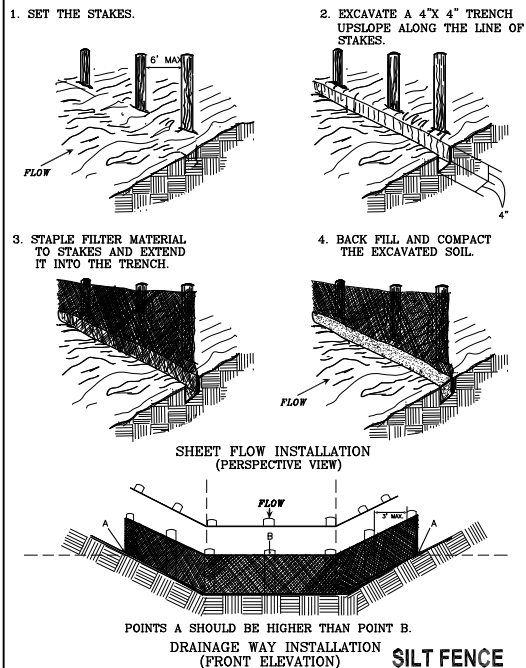
## AREA TABULATION

PARCEL AREA: 13.624 AC  
DISTURBED AREA: 12,235 SF

## LINE TYPES

BOUNDARY LINE - PARENT PARCEL
RIGHT OF WAY BOUNDARY
EDGE OF ASPHALT
EDGE OF CONCRETE
FENCE LINE - CHAIN
1' CONTOUR LINE
5' CONTOUR LINE
LIMITS OF DISTURBANCE
LIMITS OF DISTURBANCE/ SILT FENCE
TREE PROTECTION FENCE
TREE OR VEGETATION LINE
(SCE) STABILIZED CONSTRUCTION ENTRANCE

## CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)



### NOTES:

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE RESULTING FROM END RUNS AND UNDERCUTTING.
3. SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEED.

POINTS A SHOULD BE HIGHER THAN POINT B.  
DRAINAGE WAY INSTALLATION  
(FRONT ELEVATION)

**SILT FENCE**  
SCALE: N.T.S.

2  
Z-2

COUNTY APPROVAL BLOCK

TAX MAP 21-A-93A

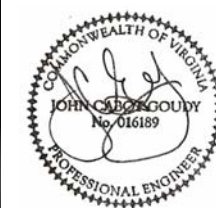


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SEAL:



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COMMUNICATIONS

PROJECT NO: 1050.196  
DESIGNER: R.S.  
ENGINEER: M.M.

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0 1/2 1  
GRAPHIC SCALE IN INCHES

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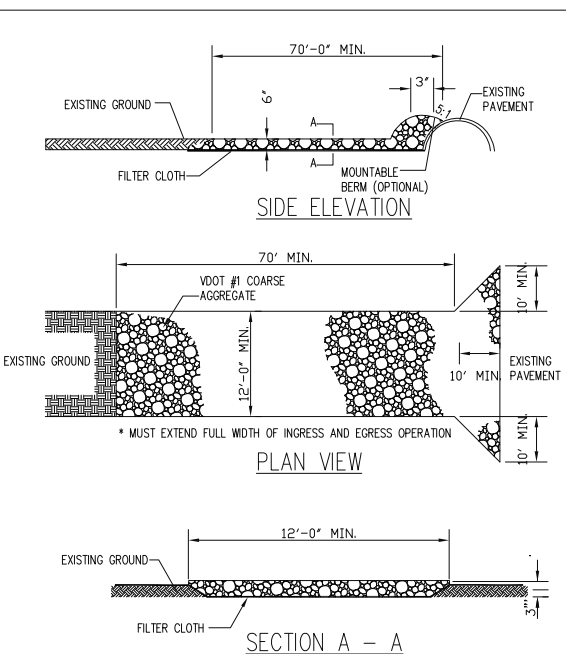
TAX MAP 21-A-93A

TITLE:

**EROSION AND  
SEDIMENT CONTROL  
PLAN AND DETAILS**

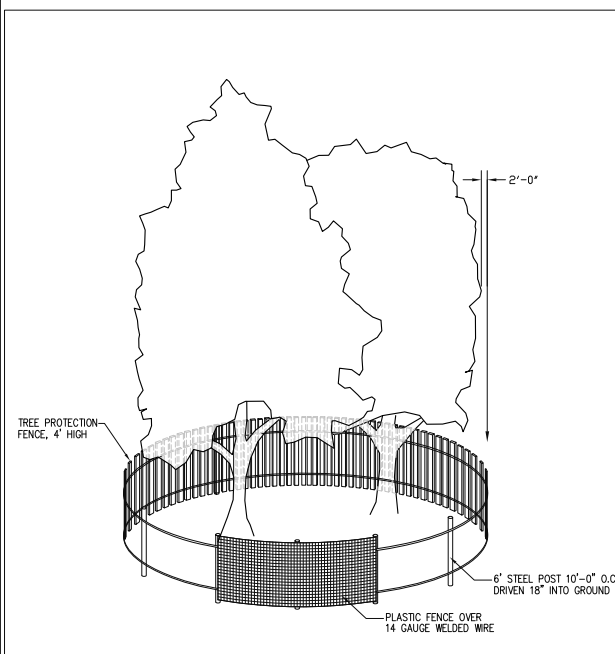
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**Z-2**



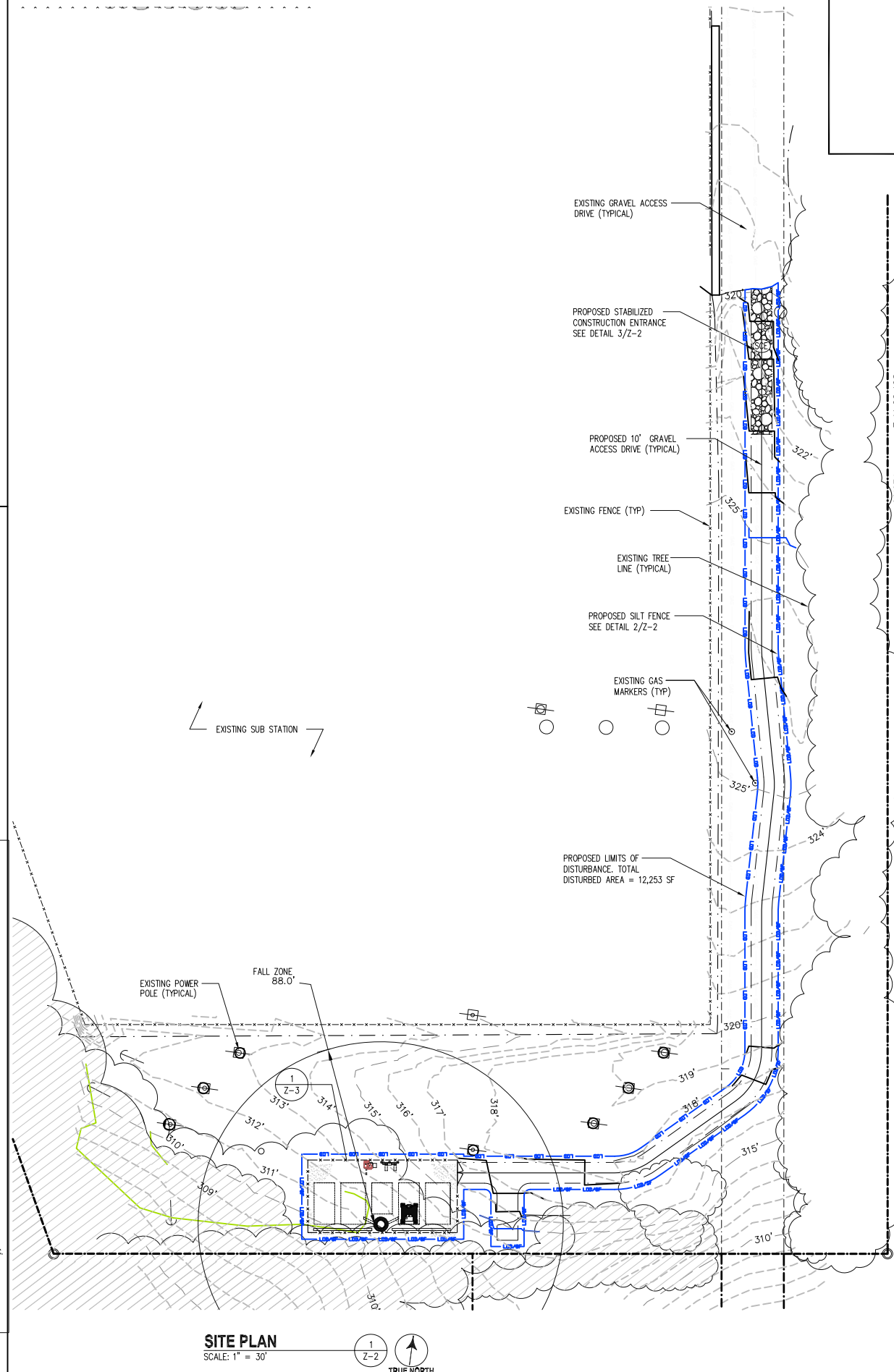
**STONE CONSTRUCTION ENTRANCE**  
SCALE: N.T.S.

3  
Z-2



**TREE PROTECTION DETAIL**  
SCALE: N.T.S.

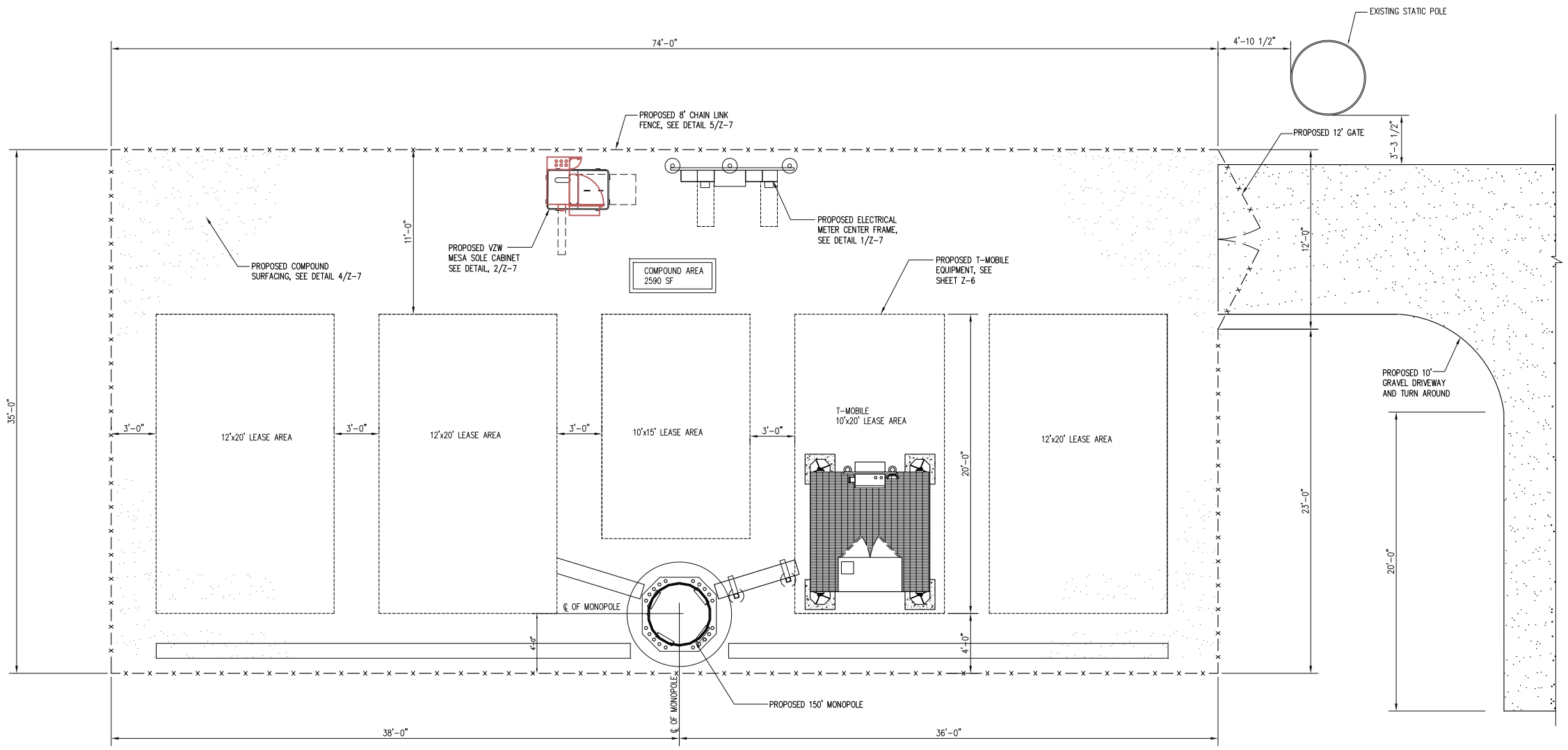
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Z-2



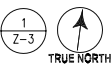
**SITE PLAN**  
SCALE: 1" = 30'

1  
Z-2





COMPOUND PLAN  
SCALE: 1/4" = 1'-0"



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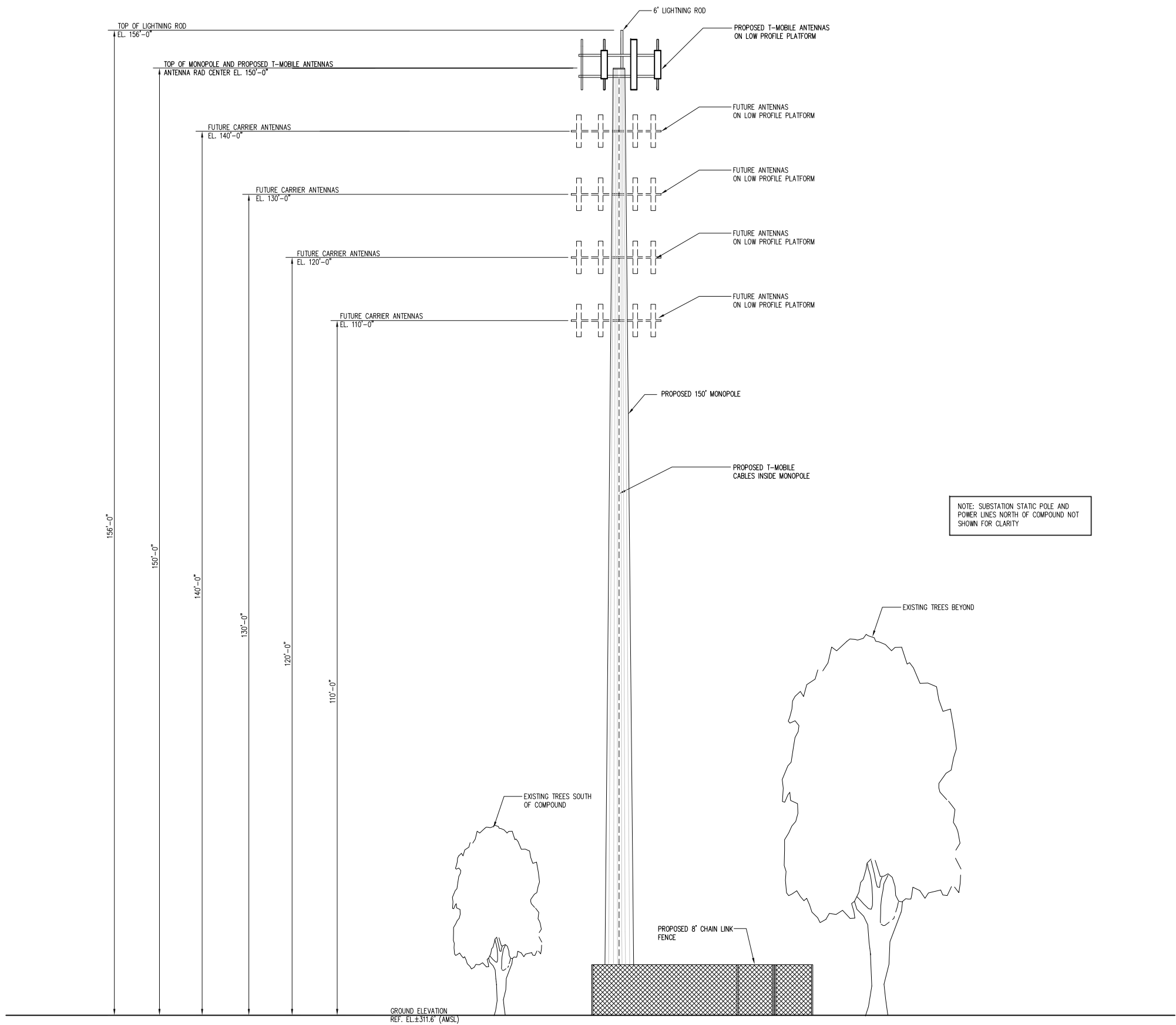
TAX MAP 21-A-93A

TITLE:

COMPOUND PLAN

SHEET NUMBER:

Z-3



(VIEW LOOKING WEST)  
MONOPOLE ELEVATION  
SCALE: 1/8" = 1'-0"

1  
Z-4

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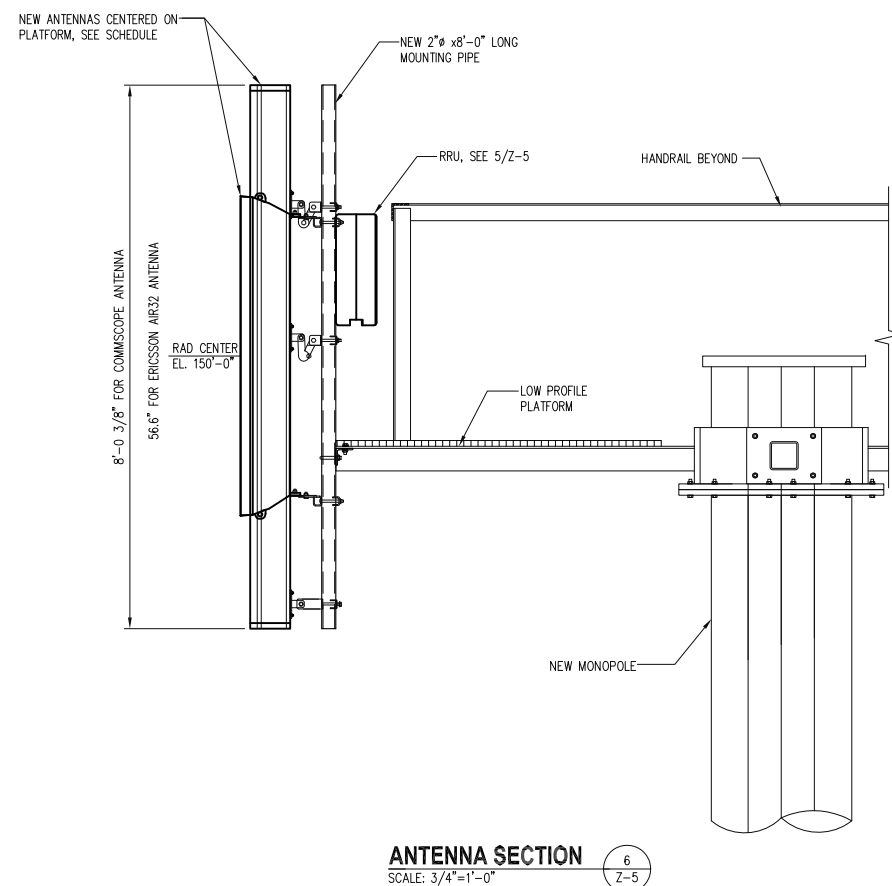
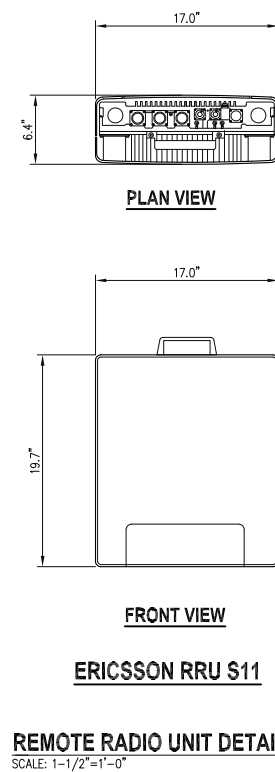
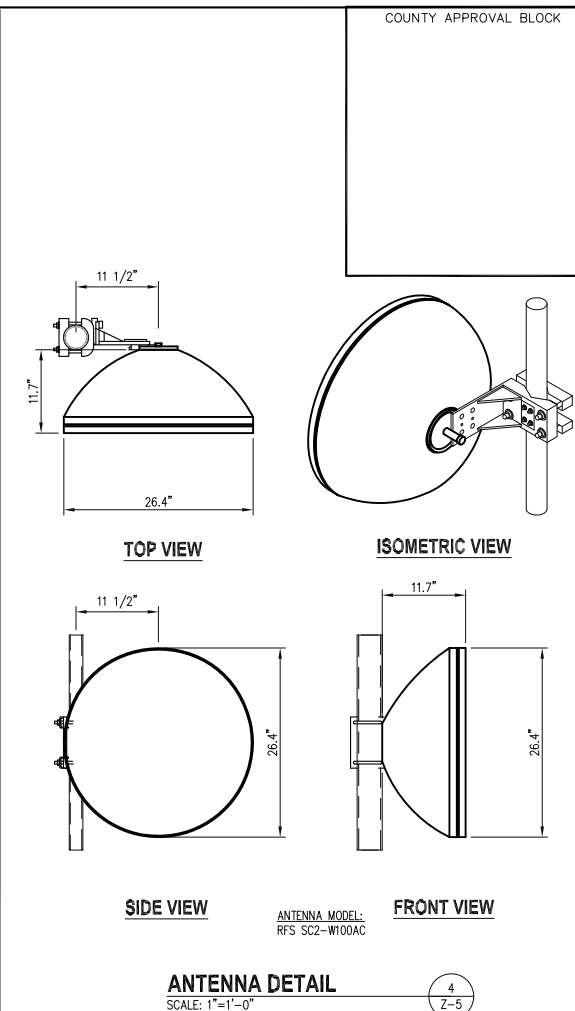
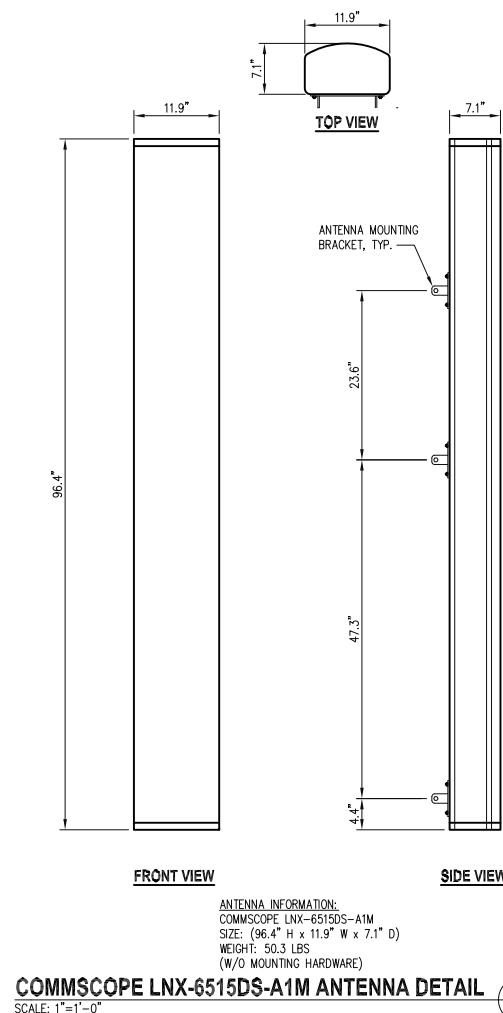
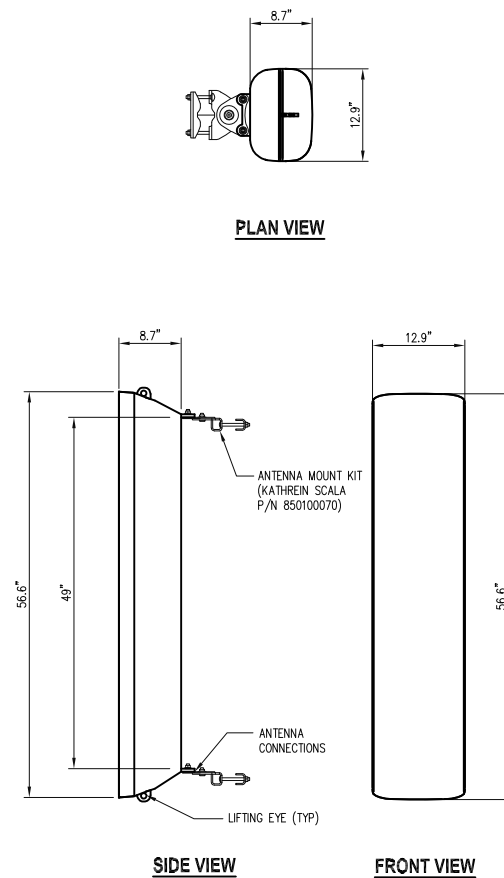
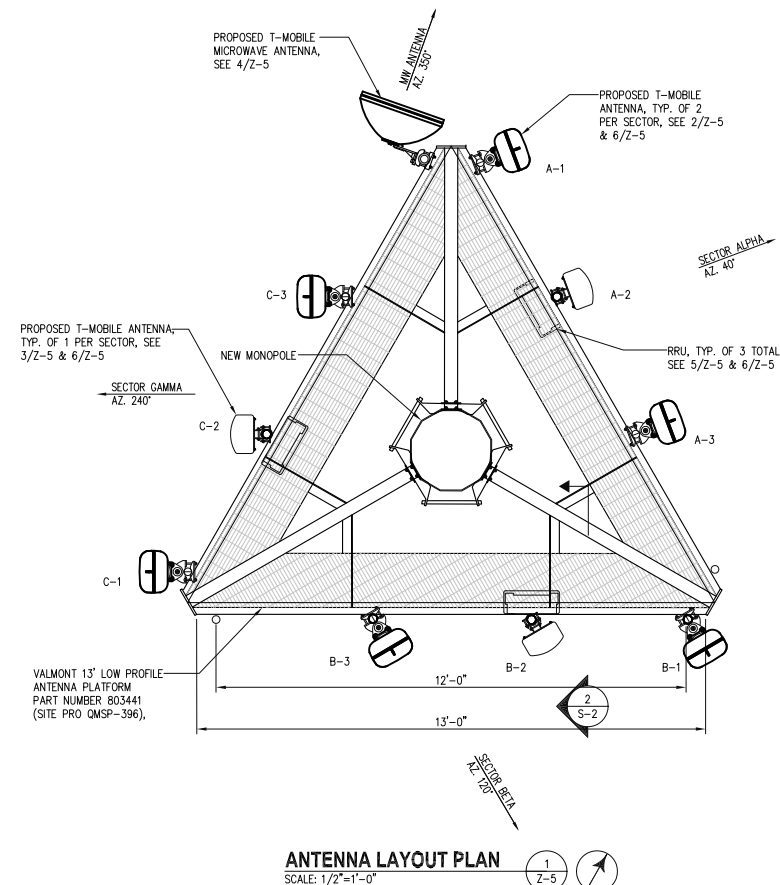
**SPECIAL USE PERMIT**  
  
DVP CHANCELLOR  
SUBSTATION  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407  
  
TAX MAP 21-A-93A

TITLE:

**MONOPOLE  
ELEVATION**

SHEET NUMBER:

**Z-4**



RF SYSTEM SCHEDULE													
SECTOR	ANTENNA	TECHNOLOGY	BAND	ANTENNA MODEL	VENDOR	AZIMUTH	M-TILT	E-TILT	ANTENNA CENTERLINE	TMA/RRU MODEL	CABLE LENGTH	CABLE DIAMETER	CABLE TYPE
ALPHA	A-(PROPOSED)	L2100	B66Aa	AIR32 DB	ERICSSON	40°	0°	3°	150'-0"	-	PROPOSED ±180° SHARE 9x18 HYBRID CABLE	-	2 FIBER
		L1900	B2A					3°				2 FIBER	
	A-(PROPOSED)	LTE700	B12P	LNX-6515DS-A1M	COMMSCOPE	40°	0°	5°	150'-0"	(1) RRUS11		-	2 FIBER
	A-(PROPOSED)	L2100	B66Aa	AIR32 DB	ERICSSON	40°	0°	3°	150'-0"	(1) RRUS11		-	2 FIBER
		L1900	B2A					3°					2 FIBER
	BETA	B-(PROPOSED)	L2100	B66Aa	AIR32 DB	ERICSSON	120°	0°	3°	150'-0"		-	PROPOSED ±180° SHARE 9x18 HYBRID CABLE
L1900			B2A	3°					2 FIBER				
B-(PROPOSED)		LTE700	B12P	LNX-6515DS-A1M	COMMSCOPE	120°	0°	5°	150'-0"	(1) RRUS11	-	2 FIBER	
B-(PROPOSED)		L2100	B66Aa	AIR32 DB	ERICSSON	120°	0°	3°	150'-0"	(1) RRUS11	-	2 FIBER	
		L1900	B2A					3°				2 FIBER	
GAMMA		C-(PROPOSED)	L2100	B66Aa	AIR32 DB	ERICSSON	240°	0°	3°	150'-0"	-	PROPOSED ±180° SHARE 9x18 HYBRID CABLE	
	L1900		B2A	3°					2 FIBER				
	C-(PROPOSED)	LTE700	B12P B2A	LNX-6515DS-A1M	COMMSCOPE	240°	0°	5°	150'-0"	(1) RRUS11	-		2 FIBER
	C-(PROPOSED)	L2100	B66Aa	AIR32 DB	ERICSSON	240°	0°	3°	150'-0"	(1) RRUS11	-		2 FIBER
		L1900						3°					2 FIBER
	MICROWAVE (PROPOSED)				SC2-W100AC	RFS	350°			150'-0"			PROPOSED ±180°/2"

TAX MAP 21-A-93A



**6600 Rockledge Drive, Suite 550**  
**Bethesda, MD 20817**  
**PHONE: (202)408-0960**  
**FAX: (202)408-0961**

SUBMITTALS		
DATE	DESCRIPTION	REV.
11-21-16	ZONING REVIEW	
11-28-16	ZONING REVIEW	
04-24-17	ZONING REVIEW	
05-26-17	ZONING REVIEW	
06-12-17	ZONING	
08-15-17	ZONING	



PROJECT NO:	1050.196
DESIGNER:	N.B.
ENGINEER:	C.S.

SCALE:

0      1/2      1

GRAPHIC SCALE IN INCHES

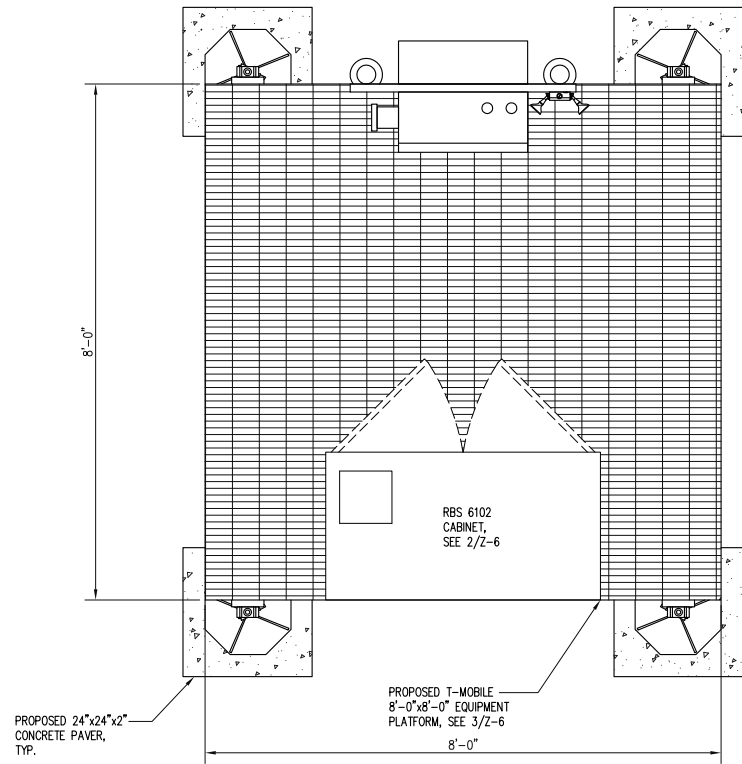
**SPECIAL USE PERMIT**  
**DVP CHANCELLOR**  
**SUBSTATION**  
**11100 GORDON ROAD**  
**FREDERICKSBURG, VA 22407**

TAX MAP 21-A-93A

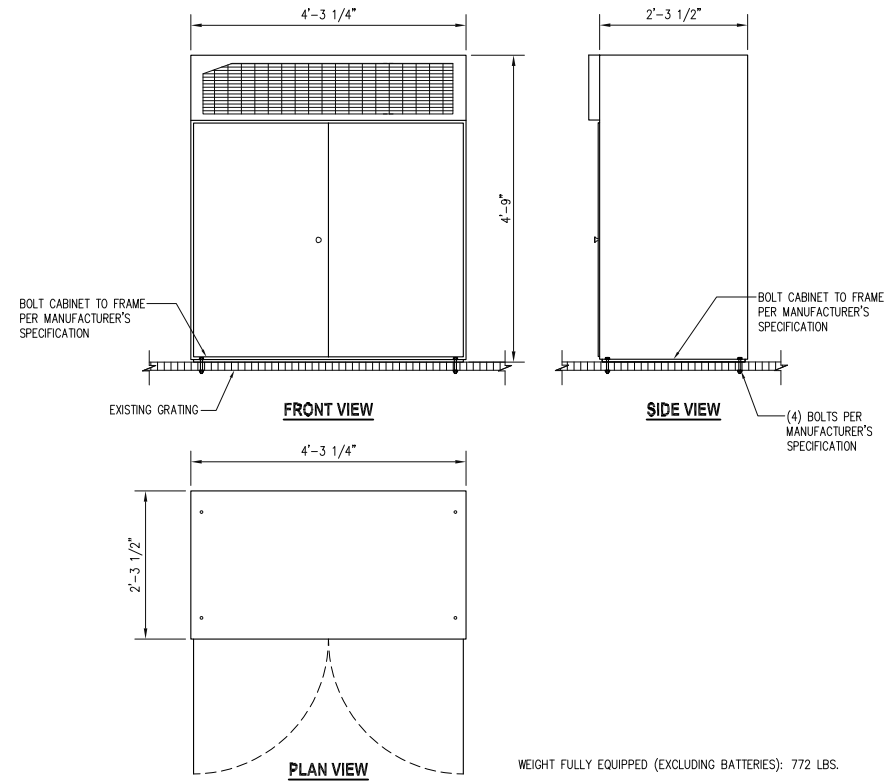
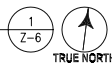
**T-MOBILE  
ANTENNA  
LAYOUT, DETAILS  
& SCHEDULE**

SHEET NUMBER:  
**Z-5**





**EQUIPMENT LAYOUT PLAN**  
SCALE: 3/4"=1'-0"



**ERICSSON RBS 6102 CABINET DETAIL**  
SCALE: 3/4"=1'-0"



COUNTY APPROVAL BLOCK

TAX MAP 21-A-93A

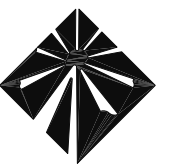


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06-12-17	ZONING	
08-15-17	ZONING	

SEAL:



**Milestone**  
COMMUNICATIONS

PROJECT NO: 1050.196  
DESIGNER: N.B.  
ENGINEER: C.S.

SCALE:  
0 1/2 1  
GRAPHIC SCALE IN INCHES

**SPECIAL USE PERMIT**

**DVP CHANCELLOR  
SUBSTATION**  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407

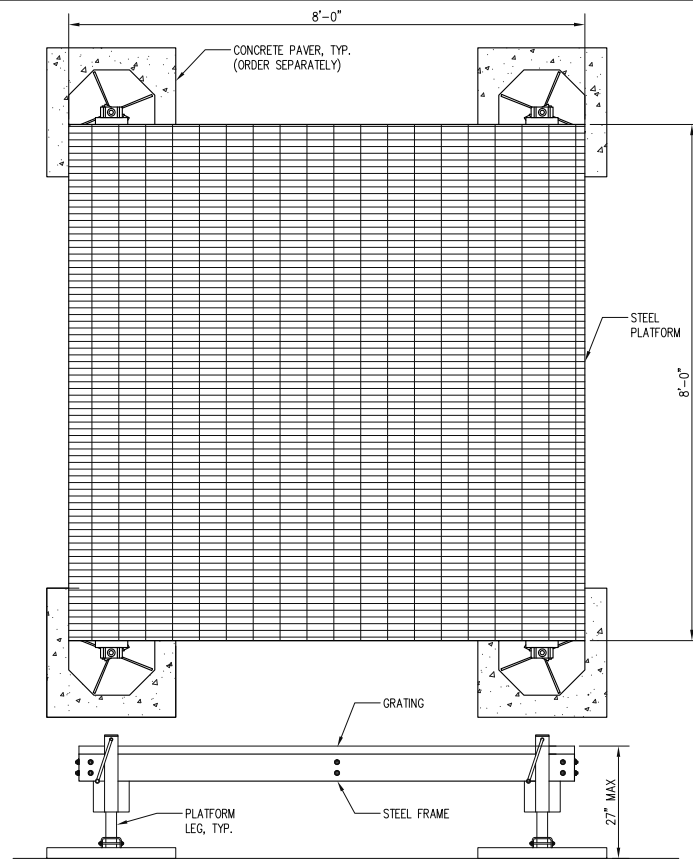
TAX MAP 21-A-93A

TITLE:

**T-MOBILE  
EQUIPMENT  
DETAILS**

SHEET NUMBER:

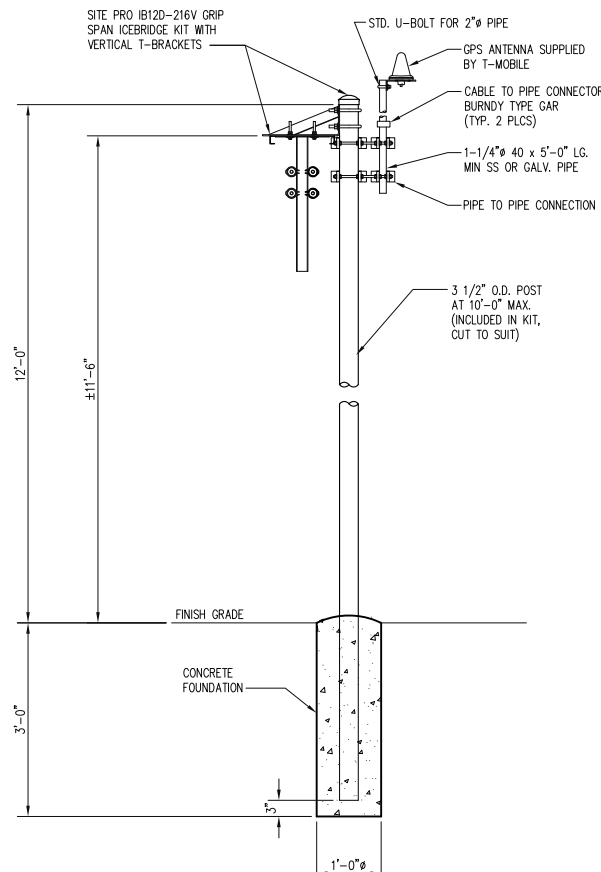
**Z-6**



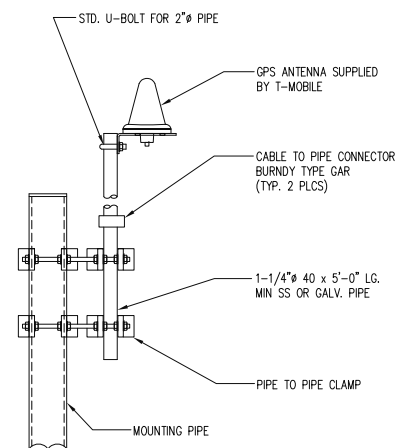
**NOTES:**

- DIMENSIONS: 8'-0"x8'-0"
- EQUIPMENT PLATFORM SYSTEM INCLUDES: FRAME, GRATING, HARDWARE, LEGS
- MATERIAL: HOT DIP GALVANIZED STEEL

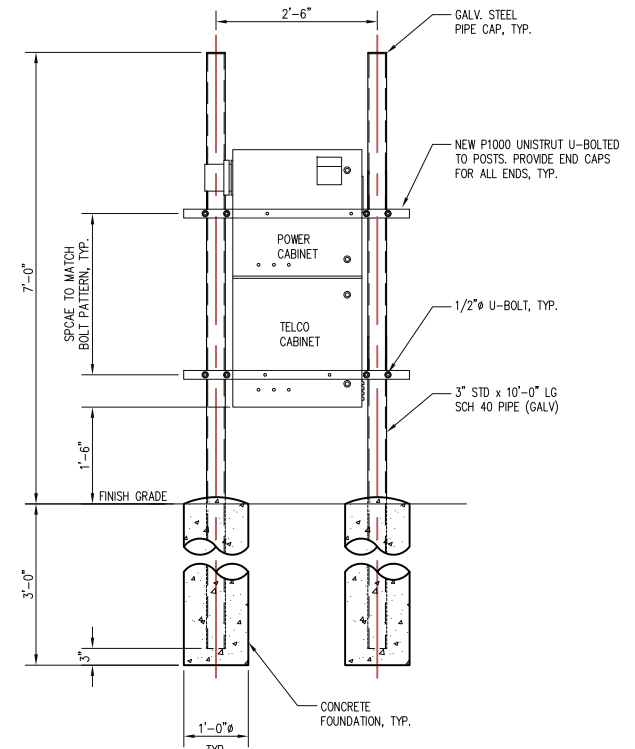
**EQUIPMENT PLATFORM SYSTEM DETAILS**  
SCALE: 3/4"=1'-0"



**ICE BRIDGE DETAIL**  
SCALE: 3/4"=1'-0"

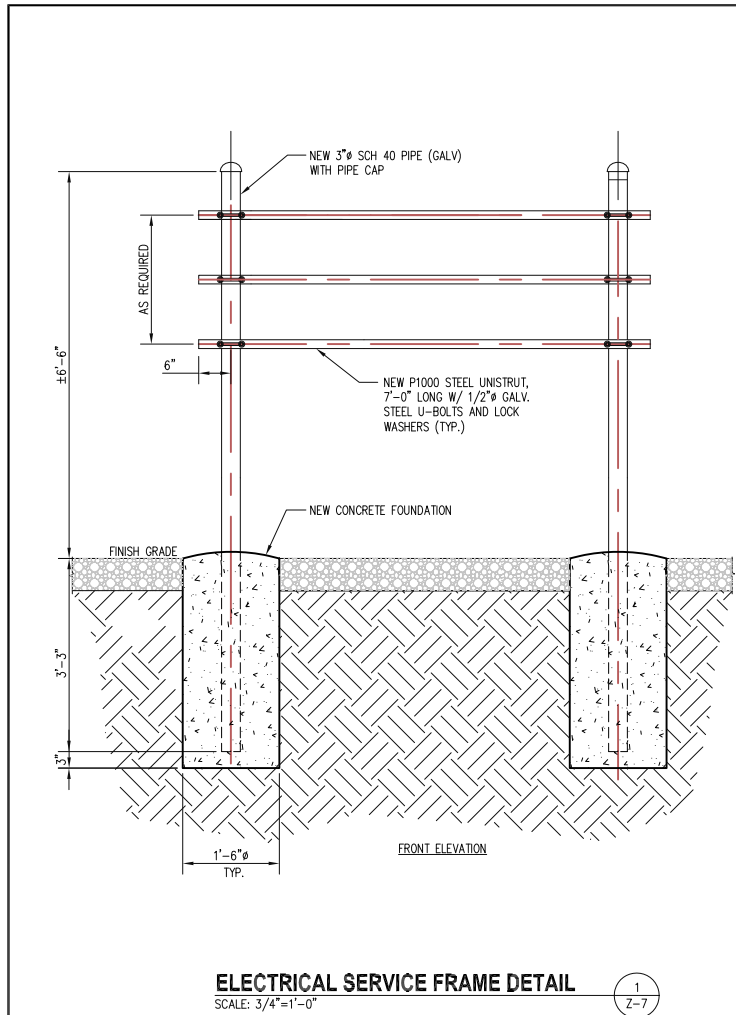


**GPS MOUNTING DETAIL**  
SCALE: 1-1/2"=1'-0"

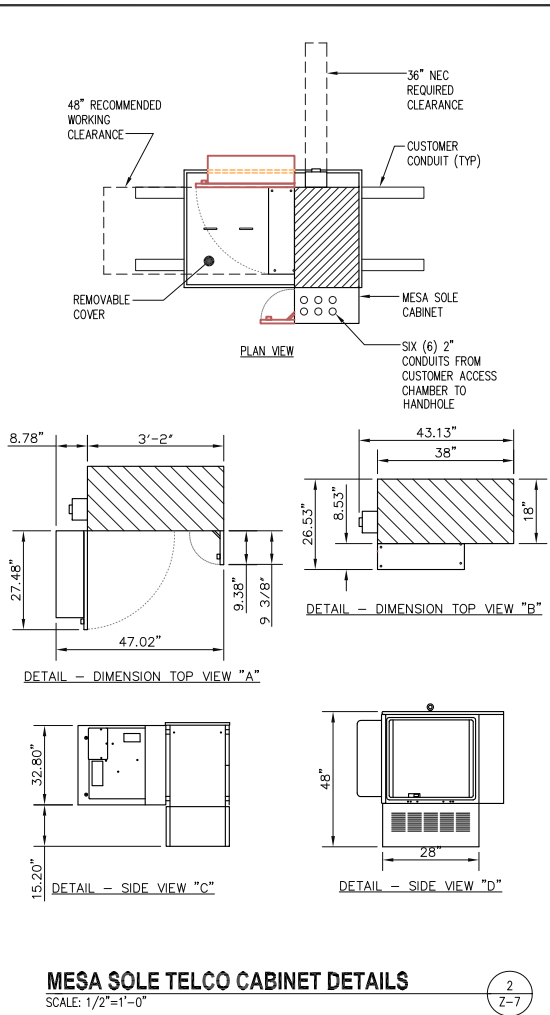


**PPC SUPPORT FRAME ELEVATION**  
SCALE: 3/4"=1'-0"

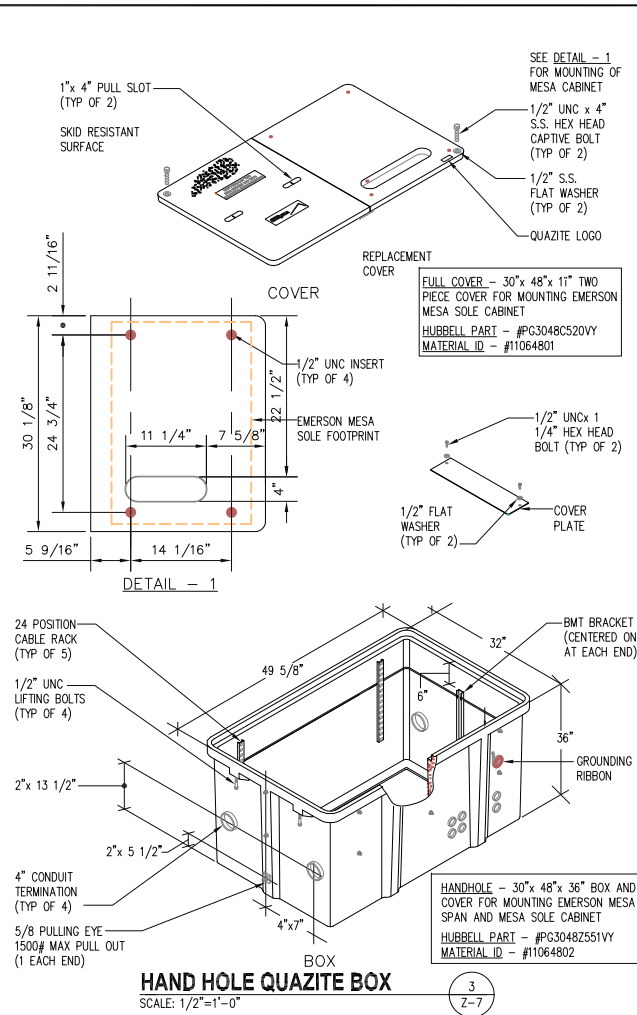




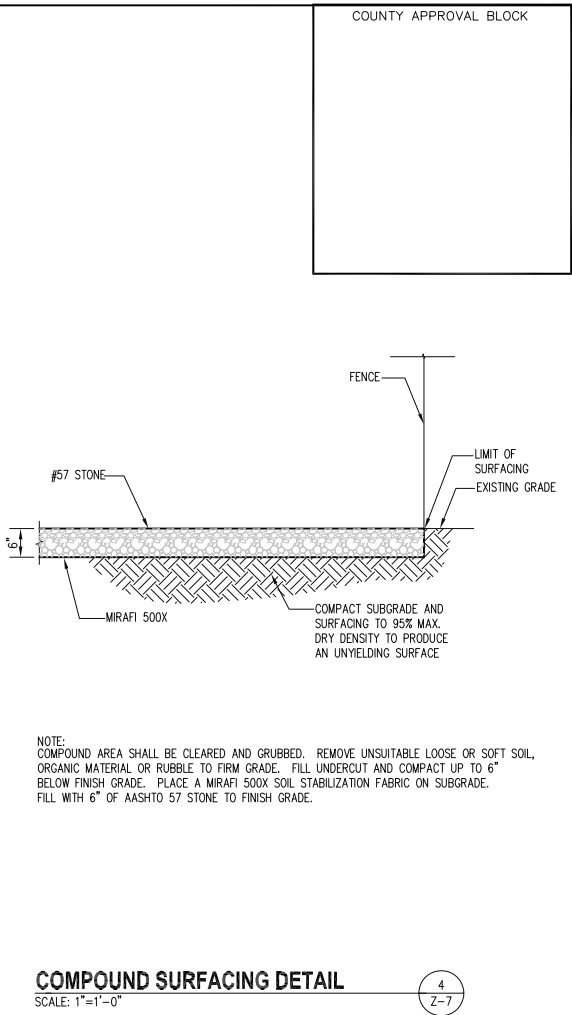
ELECTRICAL SERVICE FRAME DETAIL  
SCALE: 3/4"=1'-0"



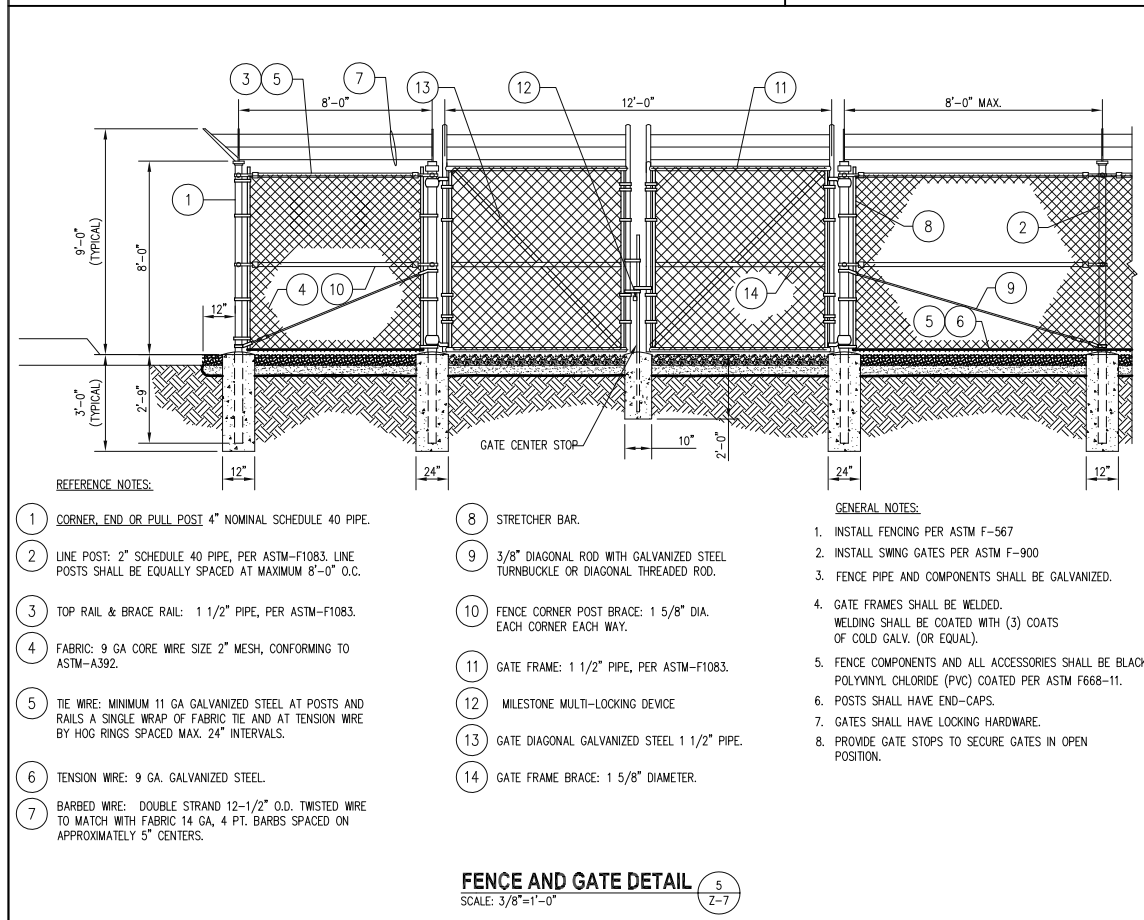
MESA SOLE TELCO CABINET DETAILS  
SCALE: 1/2"=1'-0"



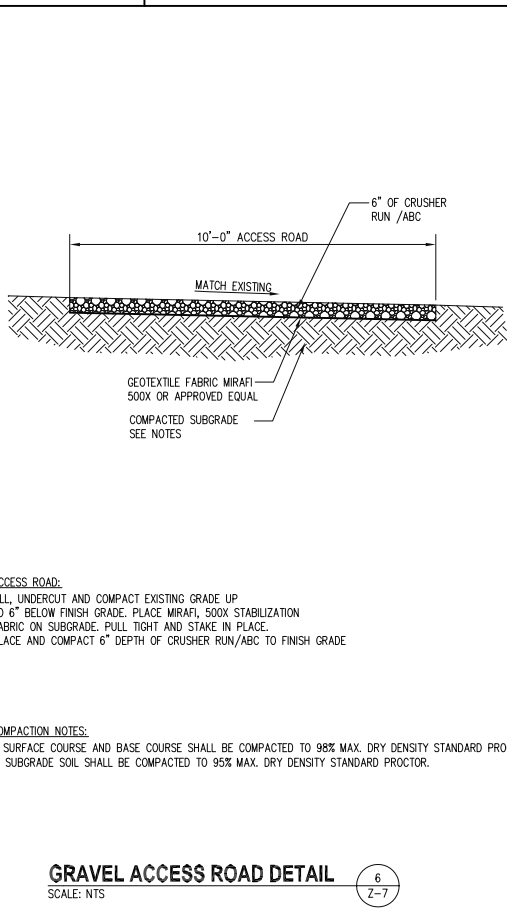
HAND HOLE QUAZITE BOX  
SCALE: 1/2"=1'-0"



COMPOUND SURFACING DETAIL  
SCALE: 1"=1'-0"



FENCE AND GATE DETAIL  
SCALE: 3/8"=1'-0"



GRAVEL ACCESS ROAD DETAIL  
SCALE: NTS

TAX MAP 21-A-93A

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06-12-17	ZONING	
08-15-17	ZONING	

SEAL:

Milestone  
COMMUNICATIONS

PROJECT NO: 1050.196  
DESIGNER: M.A.  
ENGINEER: M.M.

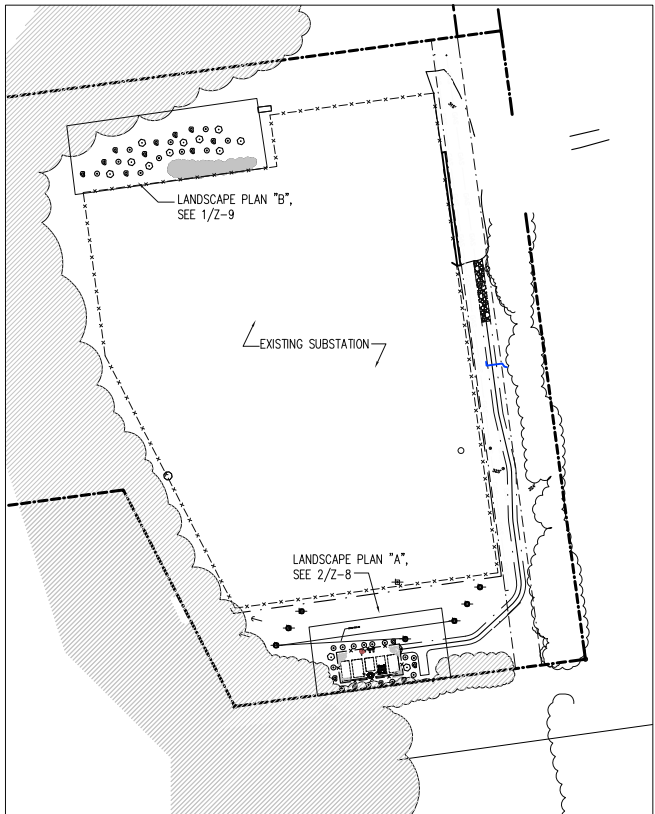
SCALE:  
0 1/2 1  
GRAPHIC SCALE IN INCHES

SPECIAL USE PERMIT  
DVP CHANCELLOR  
SUBSTATION  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407  
TAX MAP 21-A-93A

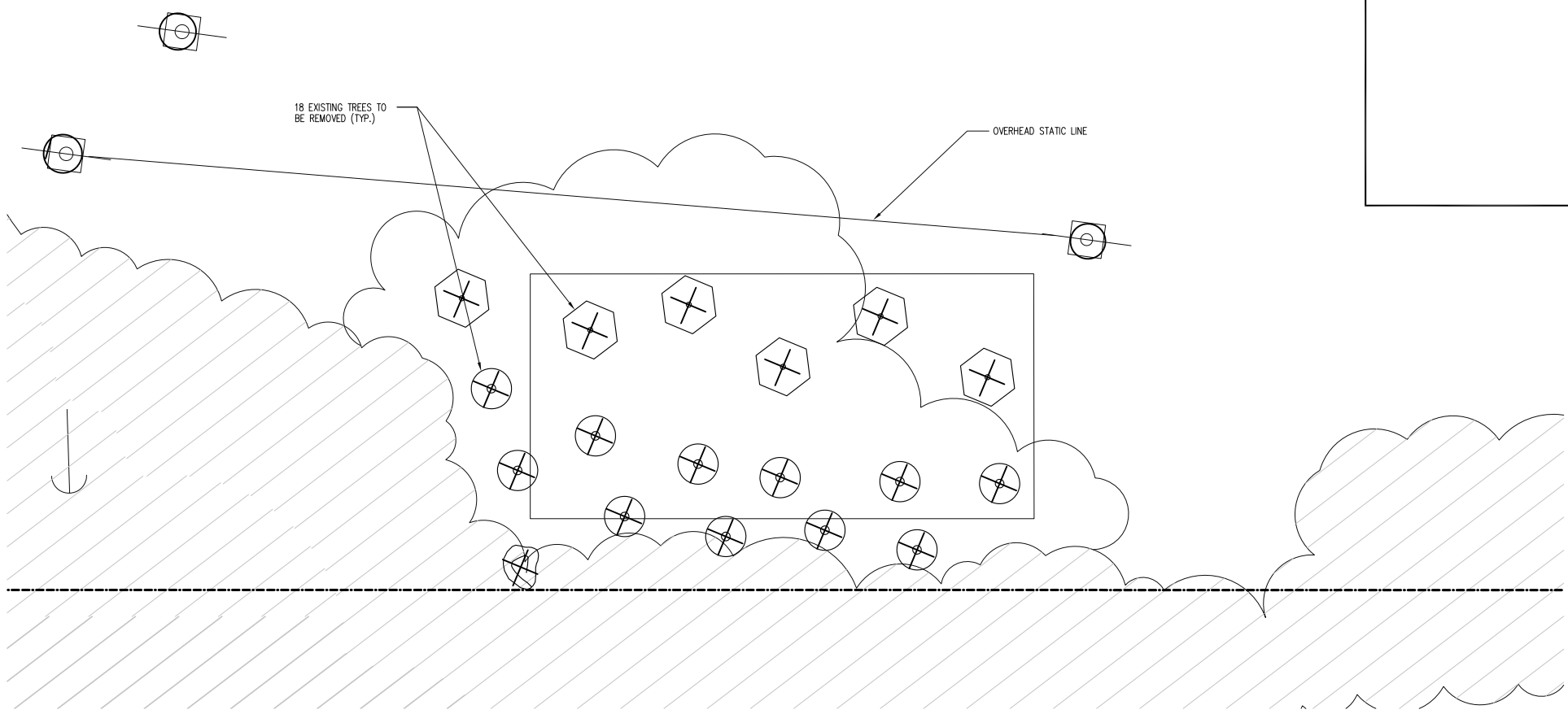
TITLE:  
  
SITE DETAILS

SHEET NUMBER:  
  
Z-7





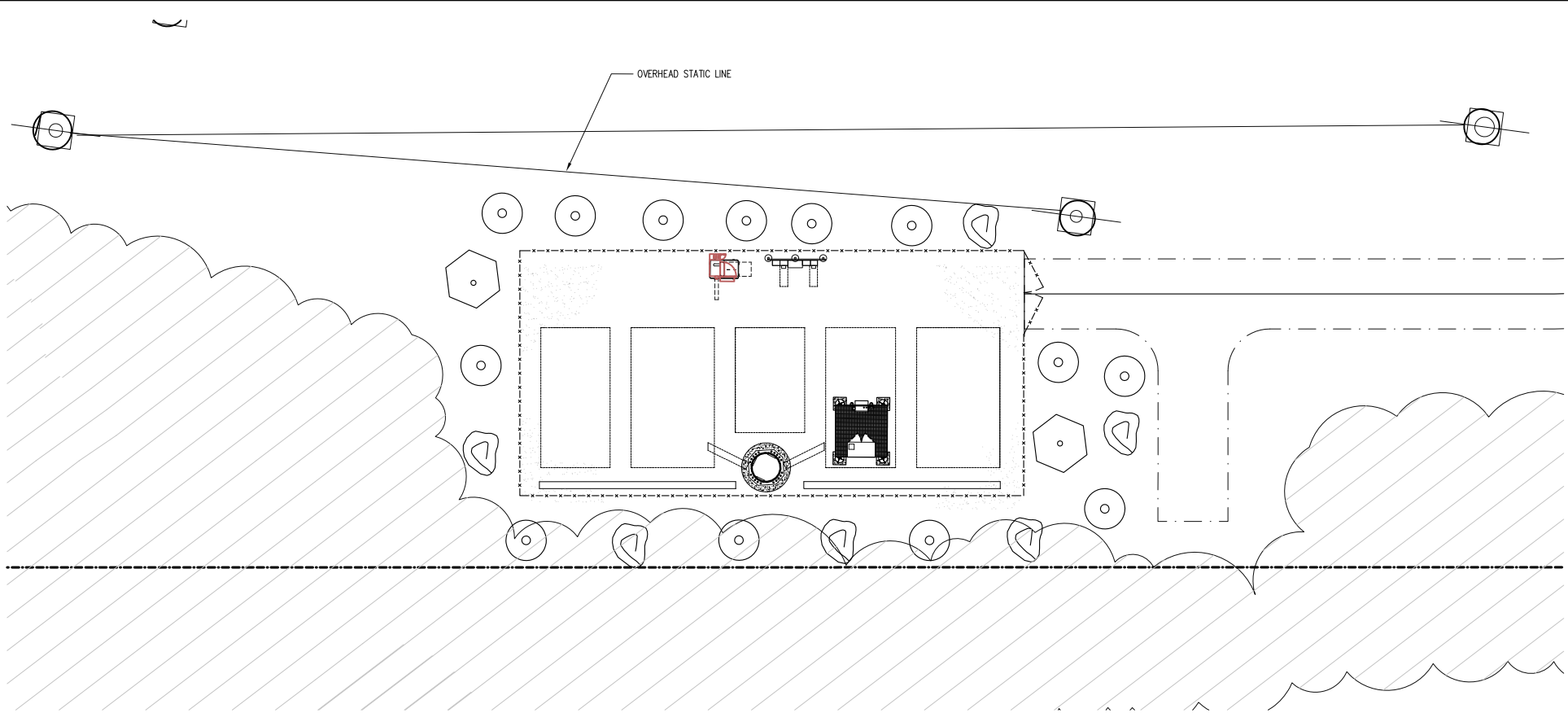
**LANDSCAPE KEY PLAN**  
SCALE: N.T.S.



**TREE REMOVAL PLAN**  
SCALE: 1" = 30'

**TREE LEGEND**

- JUNIPERUS VIRGINIANA  
EASTERN RED CEDAR
- THUJA OCCIDENTALIS "NIGRA"  
DARK AMERICAN ARBORVITAE
- ILEX OPACA  
AMERICAN HOLLY
- TREE TO BE REMOVED



NOTE: SEE PLANTING SCHEDULE SHEET Z-9

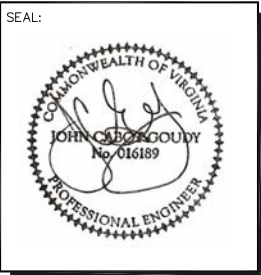
**LANDSCAPING PLAN "A"**  
SCALE: 1" = 30'

TAX MAP 21-A-93A

**entrex**  
communication services, inc.

6600 Rockledge Drive, Suite 550  
Bethesda, MD 20817  
PHONE: (202)408-0960  
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06-12-17	ZONING	
08-15-17	ZONING	



PROJECT NO: 1050.196  
DESIGNER: R.S.  
ENGINEER: M.M.

SCALE:  
0 1/2 1  
GRAPHIC SCALE IN INCHES

**SPECIAL USE PERMIT**  
  
DVP CHANCELLOR  
SUBSTATION  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407

TAX MAP 21-A-93A

TITLE:  
  
**TREE REMOVAL  
AND LANDSCAPING  
PLAN "A"**

SHEET NUMBER:  
  
**Z-8**

**TREE PLANTING NOTES:**

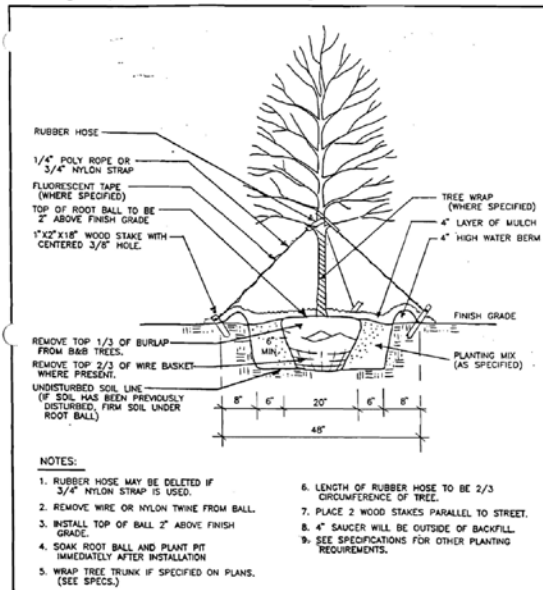
- EXCAVATE 'PLANTING PIT' TWICE THE DIAMETER OF BALL & 6" GREATER IN DEPTH.
- LOOSEN SUBSOIL W/PICK TO ENSURE POROSITY
- PLACE 6" PEAT MOSS IN 'PLANTING PIT' & TAMP
- SELECT BEST VIEWING ANGLE, LIFT STOCK BY BALL & PLACE IN 'PLANTING PIT'
- UNWRAP TOP HALF OF BALL BACK
- FILL W/MIXTURE 1/3 PEAT MOSS-2/3 TOP- SOIL & TAMP
- WRAP TRUNK W/PAPER TAPE TO FIRST BRANCH
- LAY-IN (POROUS) FABRIC WEED BARRIER FORM 3" SAUCER TO ENCIRCLE STOCK
- FILL W/3" PINE STRAW MULCH
- FLOOD IMMEDIATELY & WATER FREQUENTLY

**PLANTING SCHEDULE**

	COMMON NAME	HEIGHT	LANDSCAPE AREA "A" QUANTITY	LANDSCAPE AREA "B" QUANTITY	REMARKS	SYMBOL
JUNIPERNUS VIRGINIANA	EASTERN RED CEDAR	18"	2	11	BORDER, FULL SUN TO LIGHT SHADE; TOLERATES DRY SITES	
THUJA OCCIDENTALIS "NIGRA"	DARK AMERICAN ARBORVITAE	18"	13	11	BORDER, FULL SUN TO LIGHT SHADE; TOLERATES DRY SITES	
ILEX OPACA	AMERICAN HOLLY	18"	6	11	BORDER, FULL SUN TO LIGHT SHADE; TOLERATES DRY SITES	

TOTAL PLANTS = 54

Spotsylvania County Design Standards Manual



SINGLE STEM TREE  
PLANTING DETAIL

PLATE NO.	STD. NO.
6-13	

SPOTSYLVANIA COUNTY PLANNING DEPARTMENT

PLANTING DETAIL

SCALE: N.T.S.

2  
Z-9

COUNTY APPROVAL BLOCK

TAX MAP 21-A-93A



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06-12-17	ZONING	
08-15-17	ZONING	

SEAL:



Milestone  
COMMUNICATIONS

PROJECT NO: 1050.196  
DESIGNER: R.S.  
ENGINEER: M.M.

SCALE:  
0 1/2 1  
GRAPHIC SCALE IN INCHES

SPECIAL USE PERMIT

DVP CHANCELLOR  
SUBSTATION  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407

TAX MAP 21-A-93A

TITLE:

LANDSCAPING  
PLAN "B" AND  
DETAILS

SHEET NUMBER:

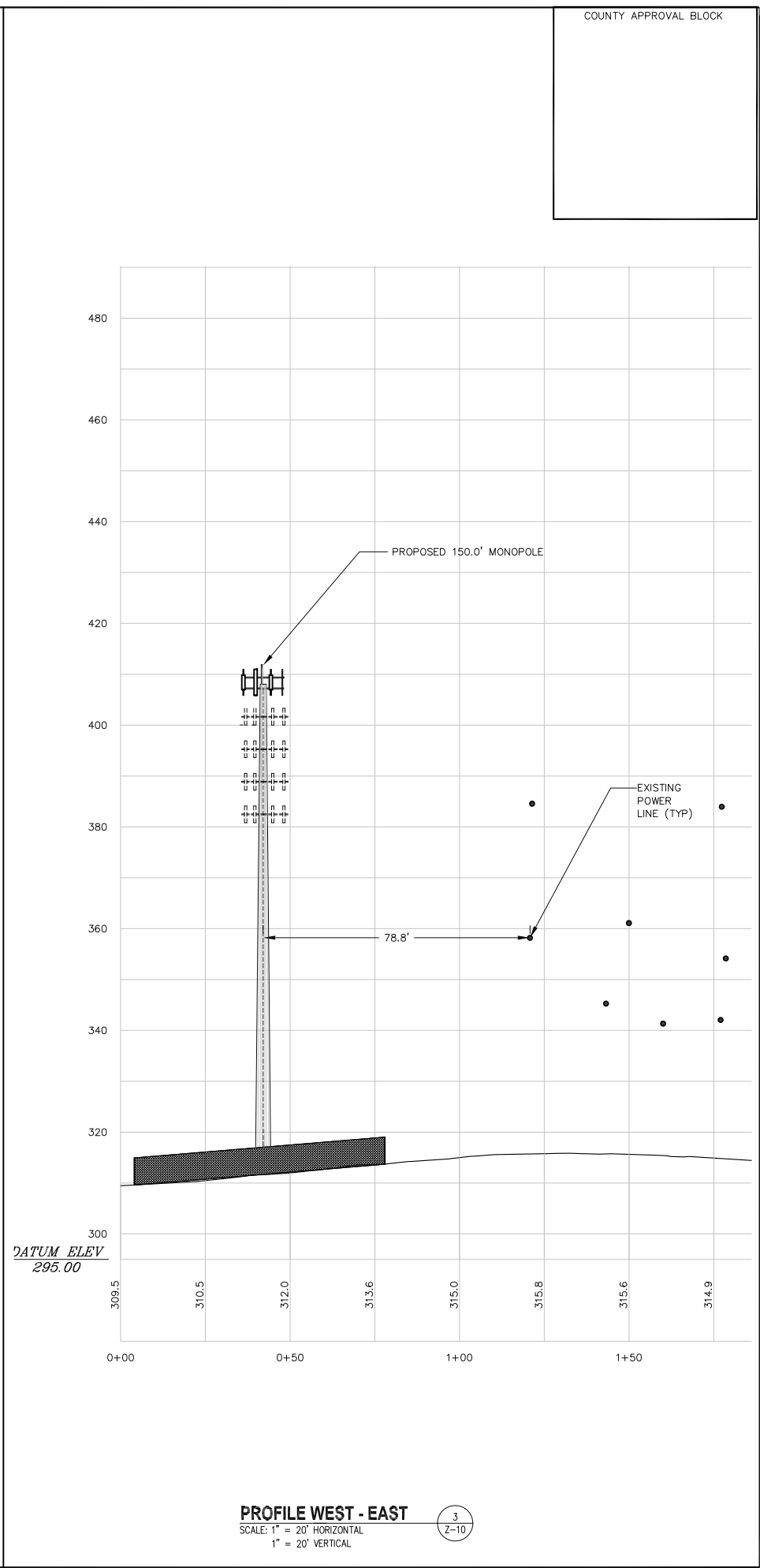
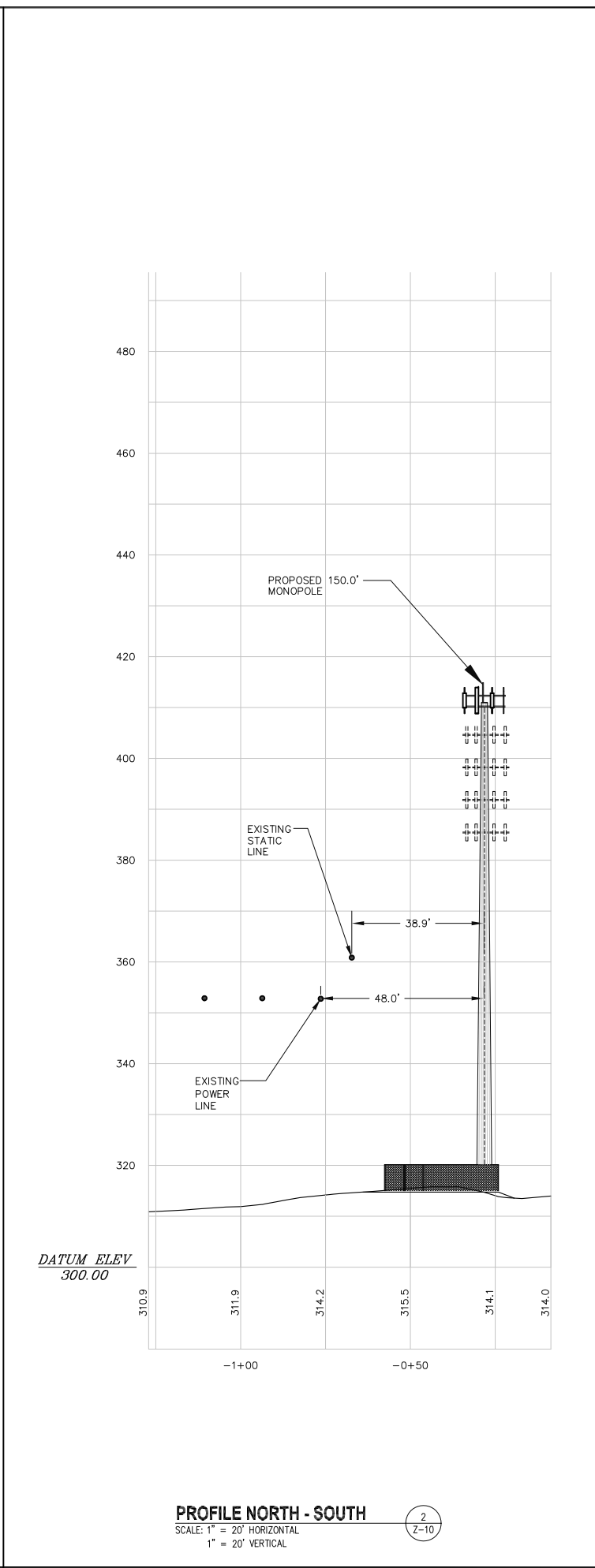
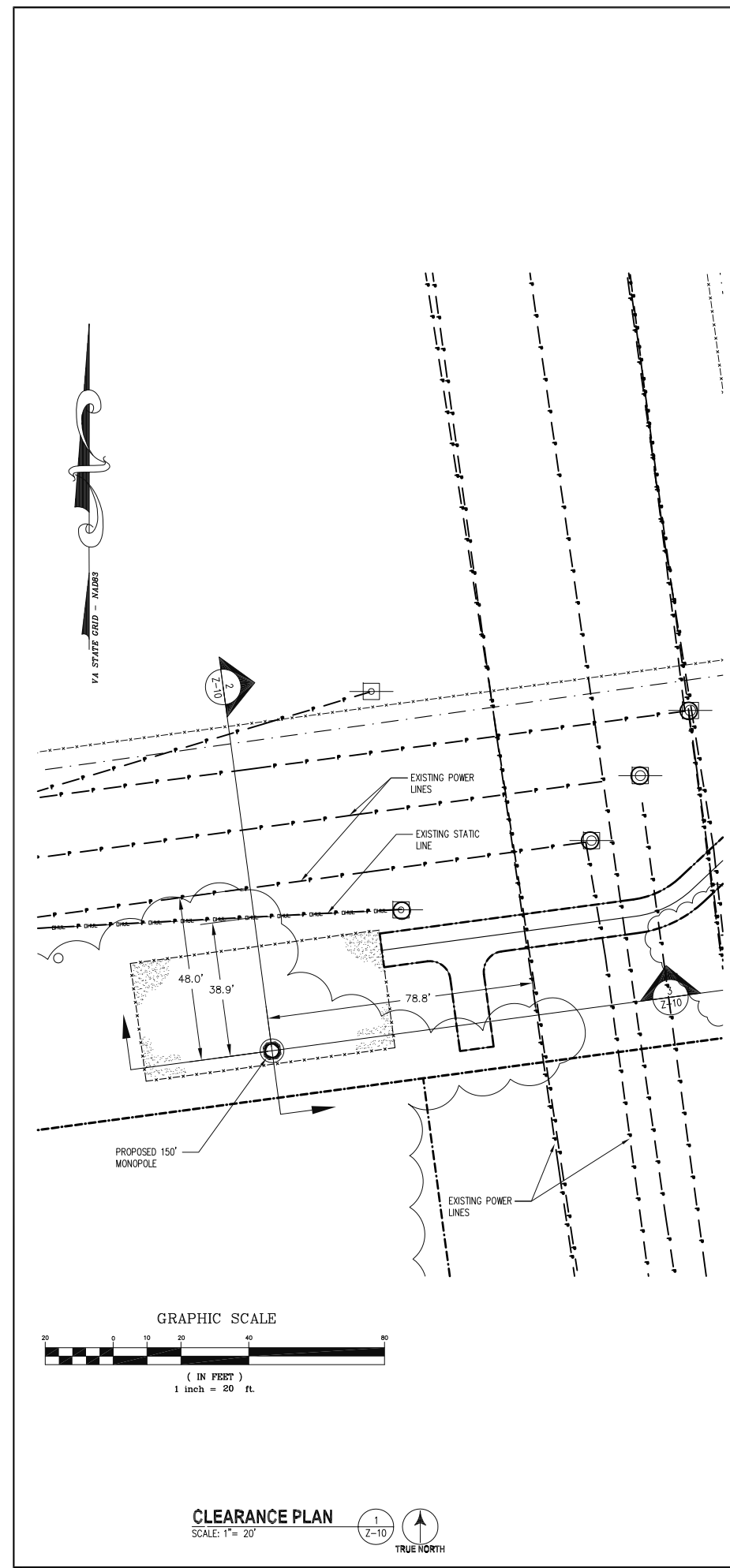
Z-9

LANDSCAPING PLAN "B"

SCALE: 1" = 30'

1  
Z-9





TAX MAP 21-A-93A

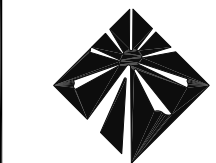


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06-12-17	ZONING	
08-15-17	ZONING	

SEAL:



**Milestone**  
COMMUNICATIONS

PROJECT NO: 1050.196  
DESIGNER: R.S.  
ENGINEER: M.M.

SCALE:  
0 1/2 1  
GRAPHIC SCALE IN INCHES

**SPECIAL USE PERMIT**

DVP CHANCELLOR  
SUBSTATION  
11100 GORDON ROAD  
FREDERICKSBURG, VA 22407

TAX MAP 21-A-93A

TITLE:

**MONOPOLE  
CLEARANCE  
PLAN AND  
PROFILES**

SHEET NUMBER:

**Z-10**