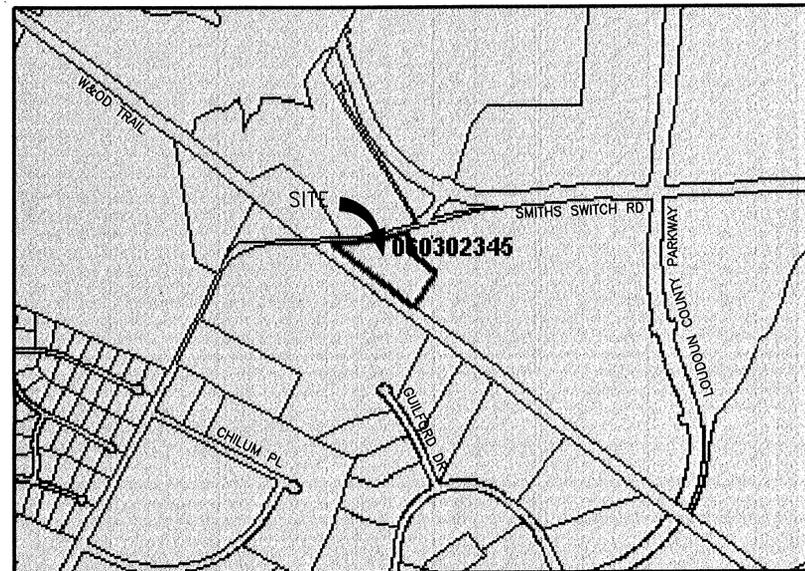


PROJECT DESCRIPTION:
**INSTALLATION OF AN 130' MONOPOLE,
 COMPOUND AND OPERATION OF
 ANTENNAS AND ASSOCIATED EQUIPMENT
 WITHIN A RAW-LAND LEASE AREA**

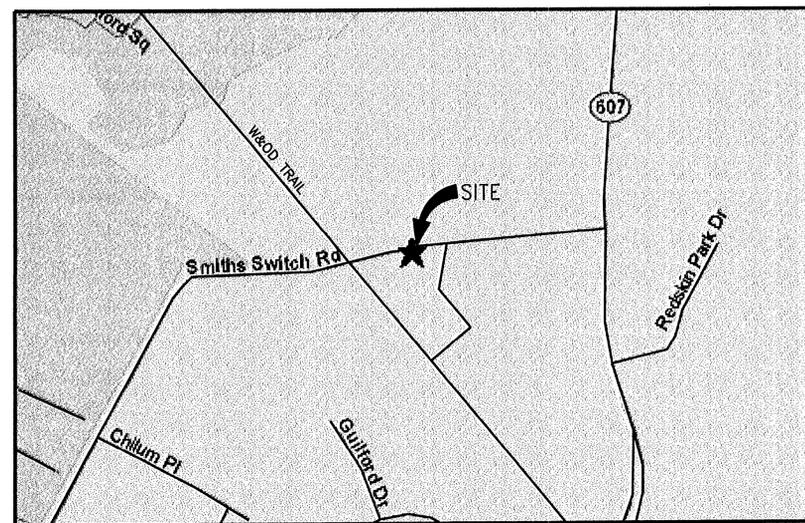
DIRECTIONS TO SITE:

TAKE 175E TO I-95 SOUTH. TAKE 945W TO VA 267 WEST VIA EXIT 45A. MERGE ONTO SULLY RD VIA EXIT 9B TOWARDS STERLING. LEFT ONTO VA625W. STAY STRAIGHT ONTO FARMWELL RD. TURN RIGHT ONTO SMITH SWITCH RD. GO 1 MILE PAST WASHINGTON AND OLD DOMINION TRAIL. SUBSTATION AND TOWER ARE ON RIGHT.



VICINITY MAP

SCALE: 1" = 2000'



LOCAL MAP

NOT TO SCALE

NEXTEL®

COMMUNICATIONS OF THE MID-ATLANTIC, INC.

JAKBOUB

VA3891A / WA54XC815

21260 SMITH SWITCH RD

ASHBURN, VA 20147



APPROVAL			
ACQUISITION MANAGER:	SIGNATURE	PHONE NUMBER	DATE
CONSTRUCTION MANAGER:	SIGNATURE	PHONE NUMBER	DATE
RF ENGINEERING:	SIGNATURE	PHONE NUMBER	DATE
NETWORK OPS MANAGER:	SIGNATURE	PHONE NUMBER	DATE

REV. NO.	DESCRIPTION	BY	DATE	REV. NO.	DESCRIPTION	BY	DATE
0	ZONING DRAWINGS	GED	03/09/06	4	REVISED FINAL ZONING DRAWINGS	SPP	03/19/07
1	ZONING DRAWINGS	GED	03/29/06	5	REVISED FINAL ZONING DRAWINGS	SPP	08/09/07
2	ZONING DRAWINGS	GED	06/28/06	6	REVISED FINAL ZONING DRAWINGS	SPP	11/13/07
3	ZONING DRAWINGS	GED	10/24/06	7	REVISED FINAL ZONING DRAWINGS	JYY	01/10/08

CONSULTING TEAM	
ARCHITECTURE AND ENGINEERING: CLARK NEXSEN 5510 CHEROKEE AVE, SUITE 110 ALEXANDRIA, VA 22312 PROJECT MANAGER: STUART P. PATTERSON, P.E. TELEPHONE: (703) 256-3344 FAX NUMBER: (703) 256-6622	
SURVEY: PRECISION MEASUREMENTS, INC. 2116 DABNEY ROAD, SUITE B5 RICHMOND, VA 23230 CONTACT: BRIAN LONG, LE TELEPHONE: (804) 340-5229 FAX NUMBER: (804) 340-5229	
STRUCTURAL ENGINEERING: CLARK NEXSEN 6180 KEMPSVILLE CIR, SUITE-200A NORFOLK, VA 23502 CONTACT: RON W. ROUSE, PE TELEPHONE: (757) 455-5800 FAX NUMBER: (757) 455-5638	
UTILITIES: POWER COMPANY: DOMINION POWER CONTACT: CUSTOMER SERVICE TELEPHONE: (888) 667-3000	
TELEPHONE COMPANY: VERIZON CONTACT: CUSTOMER SERVICE TELEPHONE: (800) 826-2355	

PROJECT SUMMARY	
SITE INFORMATION: JAKBOUB 21260 SMITH SWITCH ROAD ASHBURN, VA 20147	PROPERTY OWNER: VIRGINIA ELECTRIC & POWER COMPANY P.O. BOX 26666 RICHMOND, VA 23262 CONTACT: CHRIS BEHRENS TELEPHONE: (804) 819-2362
APPLICANT INFORMATION: NEXTEL COMMUNICATIONS OF THE MIDATLANTIC 7055 SAMUEL MORSE DRIVE, S-100 COLUMBIA, MD 21046 CONTACT: BILL BROWN TELEPHONE: (443) 220-6339	
PROJECT DATA: ZONING: PDIP JURISDICTION: LOUDOUN ADC GRID: 31-C4 SITE TYPE: RAWLAND TOWER TYPE: MONOPOLE TOWER HEIGHT: 130' LEASE AREA: 2760 SF AREA OF LAND DISTURBANCE: 2760 SF	
GEOGRAPHIC COORDINATES: LATITUDE (NAD): 39° 01' 36.1" N LONGITUDE (NAD): 77° 27' 24.2" W GROUND ELEV (AMSL): 261 ±	
ADA COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. SITE WILL NOT BE SERVED BY CITY SEWER OR WATER.	

SHEET INDEX	
SHEET:	DESCRIPTION:
T-1	TITLE SHEET
T-2	LEGEND AND ABBREVIATIONS
C-1	SURVEY AND SITE PLAN
C-2	ENLARGED SITE PLAN
C-3	ELEVATION VIEW
C-4	FENCE DETAIL AND NOTES
C-5	EROSION AND SEDIMENT CONTROL
A-1	SHELTER ELEVATION

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SITE INFO:
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**JAKBOUB
 RAWLAND
 BEAUMEADE
 SUBSTATION**
 21260 SMITH SWITCH RD
 ASHBURN, VA
 20147
 LOUDOUN CO.

BROAD RUN ELECTION DISTRICT
 DESIGN: JYY
 DRAWN: WSM
 REVIEW: GED
 TTV DATE: 3/10/05
 COMM. NO. 1905.2(8891)

SUBMITTALS		
SYM.	DESCRIPTION	DATE
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△	ZONING DWGS.	03/29/06
△	ZONING DWGS.	06/28/06
△	ZONING DWGS.	10/24/06
△	REVISED FINAL ZONING DWGS.	03/19/07
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△	REVISED FINAL ZONING DWGS.	11/13/07
△	REVISED FINAL ZONING DWGS.	01/10/08

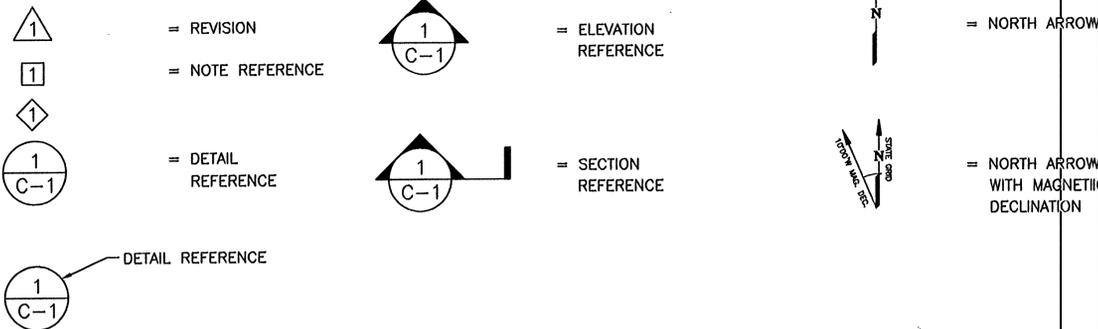
SHEET NAME:
 TITLE SHEET
 RECEIVED
 JAN 22 2008
 PLANNING DEPARTMENT

SHEET NO.:
 T-1

1P, 2P, & 3P SINGLE POLE, TWO POLE, & THREE POLES
A/C AIR CONDITIONING
ADJ ADJUSTABLE
AFF ABOVE FINISH FLOOR
AGL ABOVE GROUND LEVEL
APPROX APPROXIMATELY
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWG AMERICAN WIRE GAUGE
A OR AMP AMPERE
BLDG BUILDING
BLK BLOCK
BMR BASE MOBILE RADIO
B/S BUILDING STANDARD
CU COPPER
CO CLEAN OUT
C CONDUIT SIZE AS NOTED
CB CIRCUIT BREAKER
CKT CIRCUIT
CLG CEILING
CLR CLEAR
CONC CONCRETE
CONST CONSTRUCTION
CONT CONTINUOUS
CFCI CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DB DEED BOOK
DBL DOUBLE
DIA, Ø DIAMETER
DIAG DIAGONAL
DIM DIMENSION
DN DOWN
DET, DETL DETAIL
DWG DRAWING
DEF DUAL ELEMENT FUSES
E EAST
EA EACH
EL, ELEV ELEVATION
ELECT ELECTRICAL
EQ EQUAL
EQUIP EQUIPMENT
EW EACH WAY
EXIST/EX EXISTING
EXT EXTERIOR
EMT ELECTRICAL METALLIC TUBING
EC EMPTY CONDUIT
FIN FINISH
FLUOR FLUORESCENT
FLR FLOOR
FT FOOT
GRS GALVANIZED STEEL CONDUIT
G OR GRD GROUND
GA GAUGE
GALV GALVANIZE(D)
GC GENERAL CONTRACTOR
GPS GLOBAL POSITIONING SYSTEM
GWB GYPSUM WALL BOARD
HARD'WD HARDWOOD
HEC HIGH STRENGTH
HORIZ HORIZONTAL
HR HOUR
HT HEIGHT
HVAC HEATING, VENTILATION AND AIR CONDITIONING
ID INSIDE DIA.
IN INCH
INFO INFORMATION
INS INSULATION
KW KILOWATTS
LB(S) POUND(S)
LG LONG
MAX MAXIMUM
MECH MECHANICAL
MTL METAL
MFR MANUFACTURER
MGR MANAGER
MIN MINIMUM
MISC MISCELLANEOUS
MPH MILES PER HOUR
MTD MOUNTED

NEUT NEUTRAL
N NORTH
NA NOT APPLICABLE
NIC NOT IN CONTRACT
NTS NOT TO SCALE
OFCI OWNER FURNISHED, CONTRACTOR INSTALLED
OC ON CENTER
OD OUTSIDE DIAMETER
OPNG OPENING
OPP OPPOSITE
OHT/OHP OVERHEAD TELEPHONE/OVERHEAD POWER
OHP OVERHEAD POWER
OHT OVERHEAD TELEPHONE
OZ OUNCE
PG PAGE
PIN(F) PIN FOUND
PIN(S) PIN SET
PJF POLYVINYL JOINT FILLER
PLYWD PLYWOOD
PR PAIR
PROJ PROJECT
PROP PROPERTY
PSI PER SQUARE INCH
PSF PER SQUARE FOOT
PT PRESSURE TREATED
PVC SCHEDULE 40 PLASTIC CONDUIT.
RAD RADIATION
RECEPT RECEPTACLE
REQ'D REQUIRED
RM ROOM
RO ROUGH OPENING
S SOUTH
SW SWITCH
SCH SCHEDULE
SHT SHEET
SIM SIMILAR
SPEC SPECIFICATION
SQ SQUARE
SS STAINLESS STEEL
STL STEEL
STRUCT STRUCTURAL
SUSP SUSPENDED
THRD THREADED
THRU THROUGH
TM TAX MAP
TNND TINNED
TOC TOP OF CONCRETE
TYP TYPICAL
UNLESS OTHERWISE NOTED
UG UNDERGROUND
VERT VERTICAL
VIF VERIFY IN FIELD
VT VINYL TILE
W WITH
WDW WINDOW
W WEST
W/O WITHOUT
WP WATTS
WFRM WEATHERPROOF TRANSFORMER

∠ ANGLE
& AND
⊕ CENTER LINE
— PROPERTY LINE, PLATE
AT AT
NUMBER



ABBREVIATIONS & SYMBOLS LIST

EXISTING	NEW	
CONC.		CONCRETE
---	---	PROPERTY LINE
---	---	SETBACK LINE
---	---	LEASE AREA
---	---	EASEMENT
		BUILDING (FOOTPRINT)
		POWER POLE
		LIGHT POLE
		FIBEROPTIC MANHOLE
EOE		OVERHEAD ELECTRIC
		FIRE HYDRANT
		WATER METER
		WATER VALVE
		CONTOURS
14.5	14.5	SPOT ELEVATION
		ASPHALT
X X X	X X X	FENCE
		TEMPORARY BENCHMARK
		GRAVEL
		TREELINE
	---SF---	SILT FENCE

LEGEND

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NEXTEL
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7055 SAMUEL MORSE DRIVE
SUITE 100
COLUMBIA, MD 21046
(410) 868-2404



SITE INFO:

VA3891A / WA54XC815
**JAKBOUB
RAWLAND
BEAUMEADE
SUBSTATION**
21260 SMITH SWITCH RD
ASHBURN, VA
20147
LOUDOUN CO.

DESIGN:	JYY
DRAWN:	WSM
REVIEW:	GED
TTV DATE:	3/10/05
COMM. NO.:	1905.2 (3891)

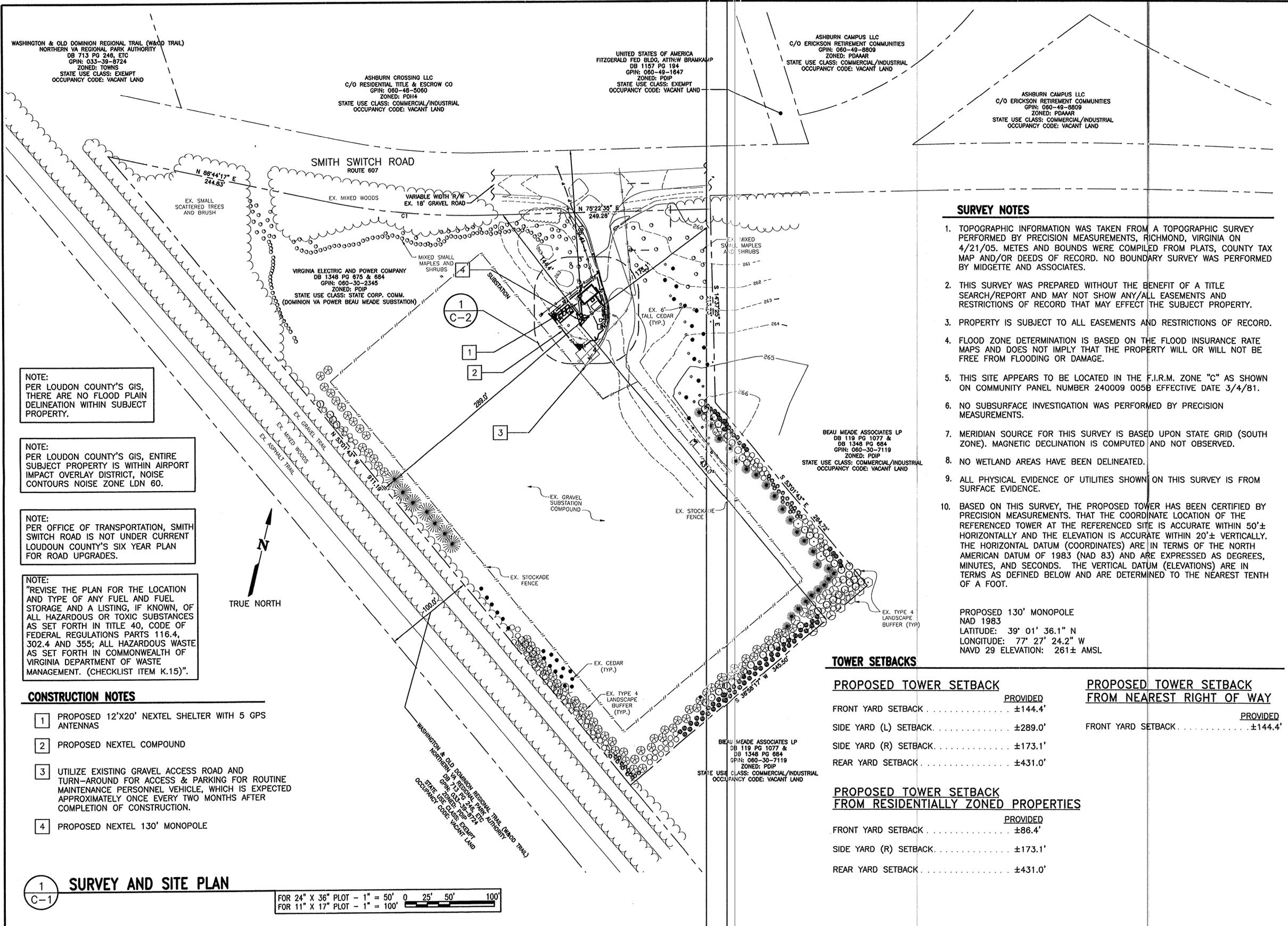
SUBMITTALS		
SYM.	DESCRIPTION	DATE
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△	REVISED FINAL ZONING DWGS.	03/19/07
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△	REVISED FINAL ZONING DWGS.	11/13/07
△	REVISED FINAL ZONING DWGS.	01/10/08

SHEET NAME:

LEGEND
AND
ABBREVIATIONS

SHEET NO.:

T-2



NOTE:
PER LOUDON COUNTY'S GIS,
THERE ARE NO FLOOD PLAIN
DELINTEATION WITHIN SUBJECT
PROPERTY.

NOTE:
PER LOUDON COUNTY'S GIS, ENTIRE
SUBJECT PROPERTY IS WITHIN AIRPORT
IMPACT OVERLAY DISTRICT, NOISE
CONTOURS NOISE ZONE LDN 60.

NOTE:
PER OFFICE OF TRANSPORTATION, SMITH
SWITCH ROAD IS NOT UNDER CURRENT
LOUDON COUNTY'S SIX YEAR PLAN
FOR ROAD UPGRADES.

NOTE:
"REVISE THE PLAN FOR THE LOCATION
AND TYPE OF ANY FUEL AND FUEL
STORAGE AND A LISTING, IF KNOWN, OF
ALL HAZARDOUS OR TOXIC SUBSTANCES
AS SET FORTH IN TITLE 40, CODE OF
FEDERAL REGULATIONS PARTS 116.4,
302.4 AND 355; ALL HAZARDOUS WASTE
AS SET FORTH IN COMMONWEALTH OF
VIRGINIA DEPARTMENT OF WASTE
MANAGEMENT. (CHECKLIST ITEM K.15)".

CONSTRUCTION NOTES

- 1 PROPOSED 12'X20' NEXTEL SHELTER WITH 5 GPS ANTENNAS
- 2 PROPOSED NEXTEL COMPOUND
- 3 UTILIZE EXISTING GRAVEL ACCESS ROAD AND TURN-AROUND FOR ACCESS & PARKING FOR ROUTINE MAINTENANCE PERSONNEL VEHICLE, WHICH IS EXPECTED APPROXIMATELY ONCE EVERY TWO MONTHS AFTER COMPLETION OF CONSTRUCTION.
- 4 PROPOSED NEXTEL 130' MONOPOLE

1 SURVEY AND SITE PLAN

FOR 24" X 36" PLOT - 1" = 50'
FOR 11" X 17" PLOT - 1" = 100'

SURVEY NOTES

1. TOPOGRAPHIC INFORMATION WAS TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY PRECISION MEASUREMENTS, RICHMOND, VIRGINIA ON 4/21/05. METES AND BOUNDS WERE COMPILED FROM PLATS, COUNTY TAX MAP AND/OR DEEDS OF RECORD. NO BOUNDARY SURVEY WAS PERFORMED BY MIDGETTE AND ASSOCIATES.
2. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH/REPORT AND MAY NOT SHOW ANY/ALL EASEMENTS AND RESTRICTIONS OF RECORD THAT MAY EFFECT THE SUBJECT PROPERTY.
3. PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
4. FLOOD ZONE DETERMINATION IS BASED ON THE FLOOD INSURANCE RATE MAPS AND DOES NOT IMPLY THAT THE PROPERTY WILL OR WILL NOT BE FREE FROM FLOODING OR DAMAGE.
5. THIS SITE APPEARS TO BE LOCATED IN THE F.I.R.M. ZONE "C" AS SHOWN ON COMMUNITY PANEL NUMBER 240009 005B EFFECTIVE DATE 3/4/81.
6. NO SUBSURFACE INVESTIGATION WAS PERFORMED BY PRECISION MEASUREMENTS.
7. MERIDIAN SOURCE FOR THIS SURVEY IS BASED UPON STATE GRID (SOUTH ZONE). MAGNETIC DECLINATION IS COMPUTED AND NOT OBSERVED.
8. NO WETLAND AREAS HAVE BEEN DELINEATED.
9. ALL PHYSICAL EVIDENCE OF UTILITIES SHOWN ON THIS SURVEY IS FROM SURFACE EVIDENCE.
10. BASED ON THIS SURVEY, THE PROPOSED TOWER HAS BEEN CERTIFIED BY PRECISION MEASUREMENTS. THAT THE COORDINATE LOCATION OF THE REFERENCED TOWER AT THE REFERENCED SITE IS ACCURATE WITHIN 50'± HORIZONTALLY AND THE ELEVATION IS ACCURATE WITHIN 20'± VERTICALLY. THE HORIZONTAL DATUM (COORDINATES) ARE IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND ARE EXPRESSED AS DEGREES, MINUTES, AND SECONDS. THE VERTICAL DATUM (ELEVATIONS) ARE IN TERMS AS DEFINED BELOW AND ARE DETERMINED TO THE NEAREST TENTH OF A FOOT.

PROPOSED 130' MONOPOLE
NAD 1983
LATITUDE: 39° 01' 36.1" N
LONGITUDE: 77° 27' 24.2" W
NAVD 29 ELEVATION: 261± AMSL

TOWER SETBACKS

PROPOSED TOWER SETBACK		PROPOSED TOWER SETBACK FROM NEAREST RIGHT OF WAY	
	PROVIDED		PROVIDED
FRONT YARD SETBACK	±144.4'	FRONT YARD SETBACK	±144.4'
SIDE YARD (L) SETBACK	±289.0'	SIDE YARD (R) SETBACK	±173.1'
SIDE YARD (R) SETBACK	±173.1'	REAR YARD SETBACK	±431.0'
REAR YARD SETBACK	±431.0'		
PROPOSED TOWER SETBACK FROM RESIDENTIALLY ZONED PROPERTIES			
	PROVIDED		
FRONT YARD SETBACK	±86.4'		
SIDE YARD (R) SETBACK	±173.1'		
REAR YARD SETBACK	±431.0'		

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SUITE 100
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(410) 868-2404



SITE INFO:
VA3891A / WA54XC815

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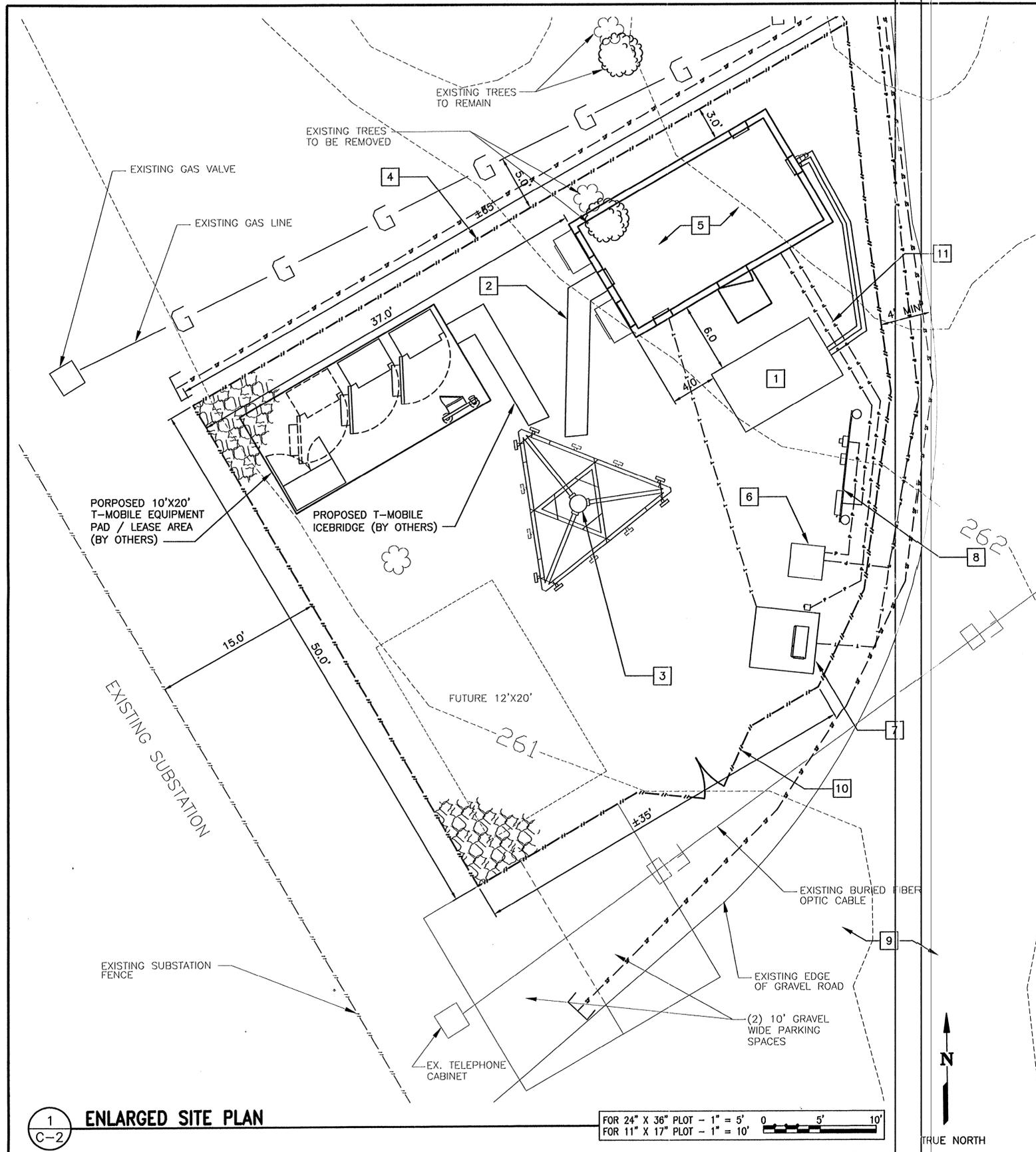
DESIGN:	JY
DRAWN:	MAA
REVIEW:	GED
TV DATE:	3/10/05
COMM. NO.:	1905.2 (3891)

SUBMITTALS

SYM.	DESCRIPTION	DATE
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△	ZONING DWGS.	06/28/08
△	ZONING DWGS.	10/24/08
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△	REVISED FINAL ZONING DWGS.	01/10/08

SHEET NAME:
**SURVEY AND
SITE PLAN**

SHEET NO:
C-1



SITE NOTES

1. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF LOCATING ANY UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA OF CONSTRUCTION THAT ARE NOT SHOWN ON THESE PLANS. BEFORE YOU DIG, CALL "MISS UTILITY AT 1-800-552-7001. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
2. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AT THE FIRST PHASE OF CONSTRUCTION AND CHECKED PERIODICALLY TO ENSURE THEY ARE FUNCTIONING AS INDICATED.
3. THE STOCKPILING OF EXCESS MATERIAL ON SITE WILL NOT BE ALLOWED.
4. ANY VEGETATED AREA DISTURBED BY CONSTRUCTION SHALL BE TOPSOILED AND SEEDED TO RESTORE A PERMANENT VEGETATIVE COVER.

CONSTRUCTION NOTES

- 1 PROPOSED NEXTEL GENERATOR PAD FOR FUTURE DIESEL GENERATOR
- 2 PROPOSED NEXTEL ICE BRIDGE
- 3 PROPOSED NEXTEL 130' MONOPOLE
- 4 PROPOSED NEW 8' TALL WOOD FENCE
- 5 PROPOSED 12'X20' NEXTEL SHELTER WITH 5 GPS ANTENNAS
- 6 PROPOSED POWER TRANSFORMER
- 7 PROPOSED CSC CABINET W/ DISCONNECT ON 6"X6" POST
- 8 PROPOSED UTILITY BACKBOARD
- 9 UTILIZE EXISTING 20' GRAVEL ACCESS ROAD AND TURNAROUND
- 10 PROPOSED 12' ACCESS GATE
- 11 PROPOSED U/G POWER & TELCO CONDUITS

NOTE:
 EXISTING U/G TELCO & GAS LINES MARKED BY MISS UTILITY TICKET # B528700386. ACCORDING TO MISS UTILITY, EXISTING GAS & TELCO LINES ARE ON PRIVATE PROPERTY AND DO NOT FALL WITHIN ANY RECORDED EASEMENT. NEXTEL'S PROPOSED COMPOUND TO KEEP MINIMUM OF 5' OFF OF EXISTING GAS & TELCO LINES. GENERAL CONTRACTOR TO CALL MISS UTILITY PRIOR TO CONSTRUCTION TO RE-MARK THE LINES. EXISTING BURIED FIBRE OPTIC CABLES TO BE LOCATED PRIOR TO CONSTRUCTION. ANY DAMAGE INCURRED DURING CONSTRUCTION TO BE REPAIRED BY THE GENERAL CONTRACTOR AND AT NO COST TO SPRINT NEXTEL CORP.

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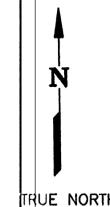
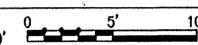
**ENLARGED
 SITE PLAN**

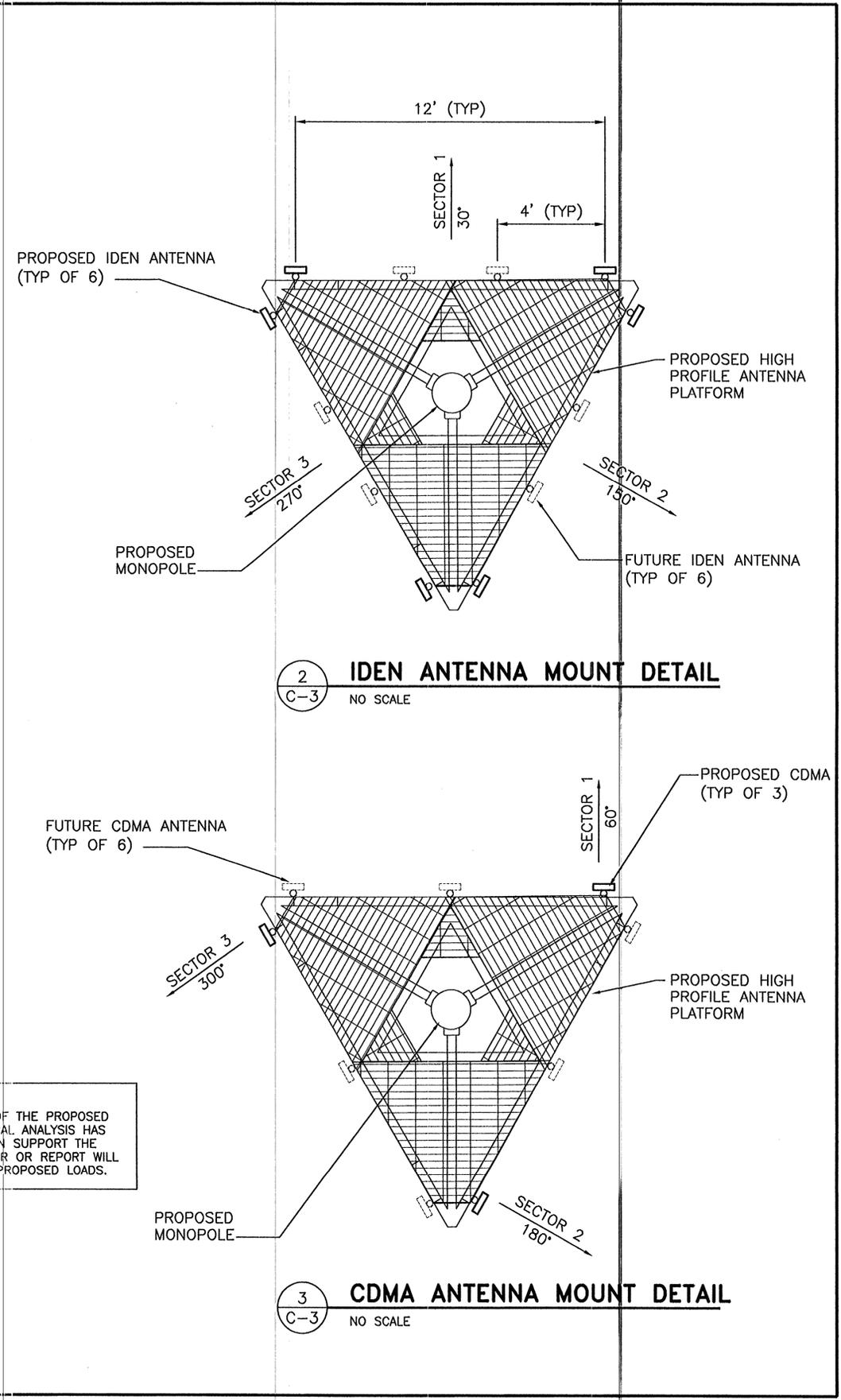
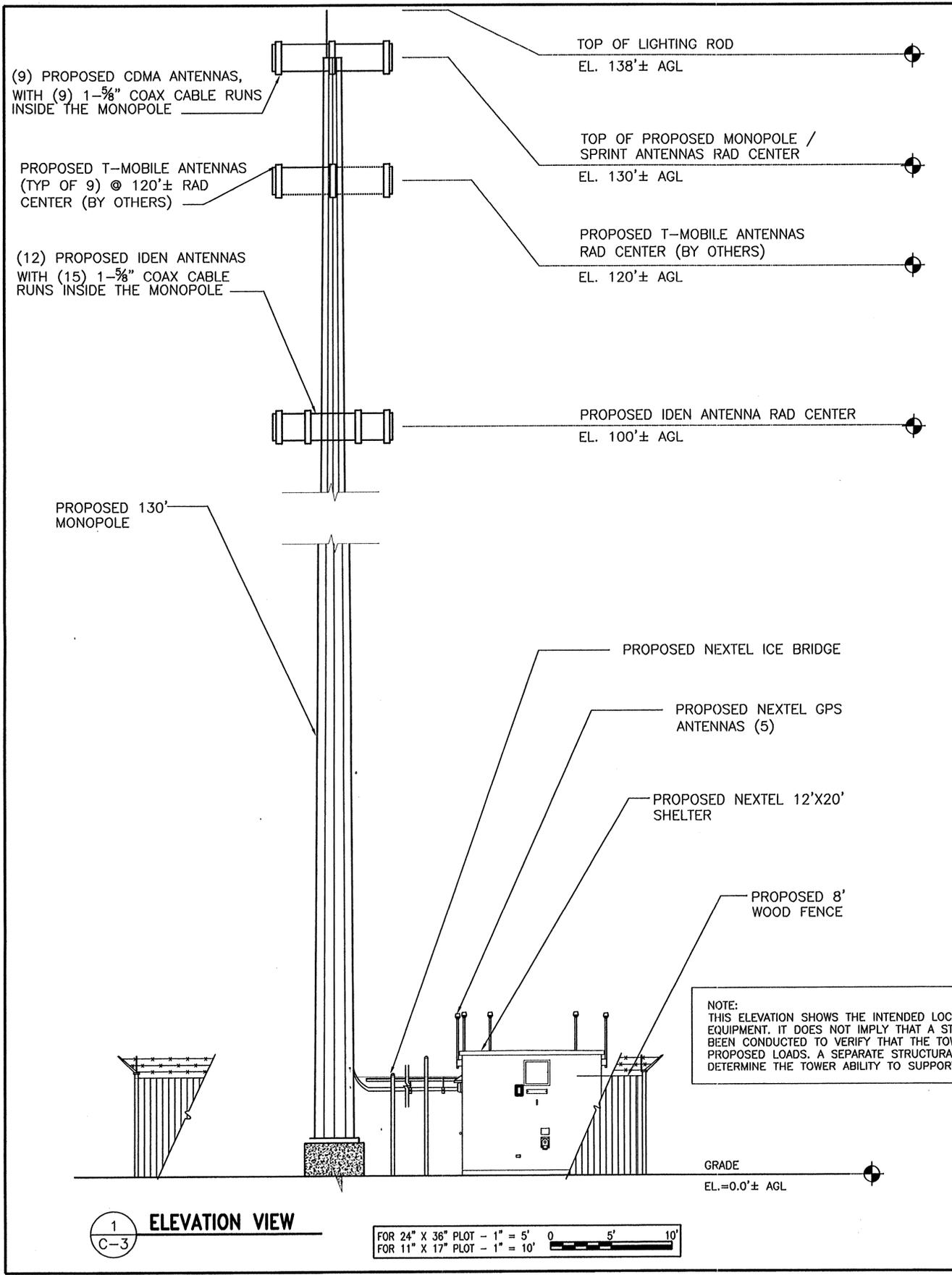
SHEET NO.:

C-2

1
 C-2
ENLARGED SITE PLAN

FOR 24" X 36" PLOT - 1" = 5'
 FOR 11" X 17" PLOT - 1" = 10'





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COLUMBIA, MD 21046
(410) 868-2404

COMMONWEALTH OF VIRGINIA
JUSTIN Y. YOON
Lic. No. 042897
1/15/08
PROFESSIONAL ENGINEER

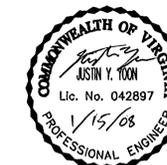
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DESIGN: GED
DRAWN: WSM
REVIEW: JY
TVD DATE: 3/10/05
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△	REVISED FINAL ZONING DWGS.	11/13/07
△	REVISED FINAL ZONING DWGS.	01/10/08

SHEET NAME:
ELEVATION
VIEW

SHEET NO.:
C-3



SITE INFO:

VA3891A / WA54XC815

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RAWLAND
BEAUMEADE
SUBSTATION**

21260 SMITH SWITCH RD
ASHBURN, VA
20147
LOUDOUN CO.

BROAD RUN ELECTION DISTRICT

DESIGN: JTY
DRAWN: JMB
REVIEW: GED
TTV DATE: 3/10/05
COMM. NO. 1905.2 (891)

SUBMITTALS

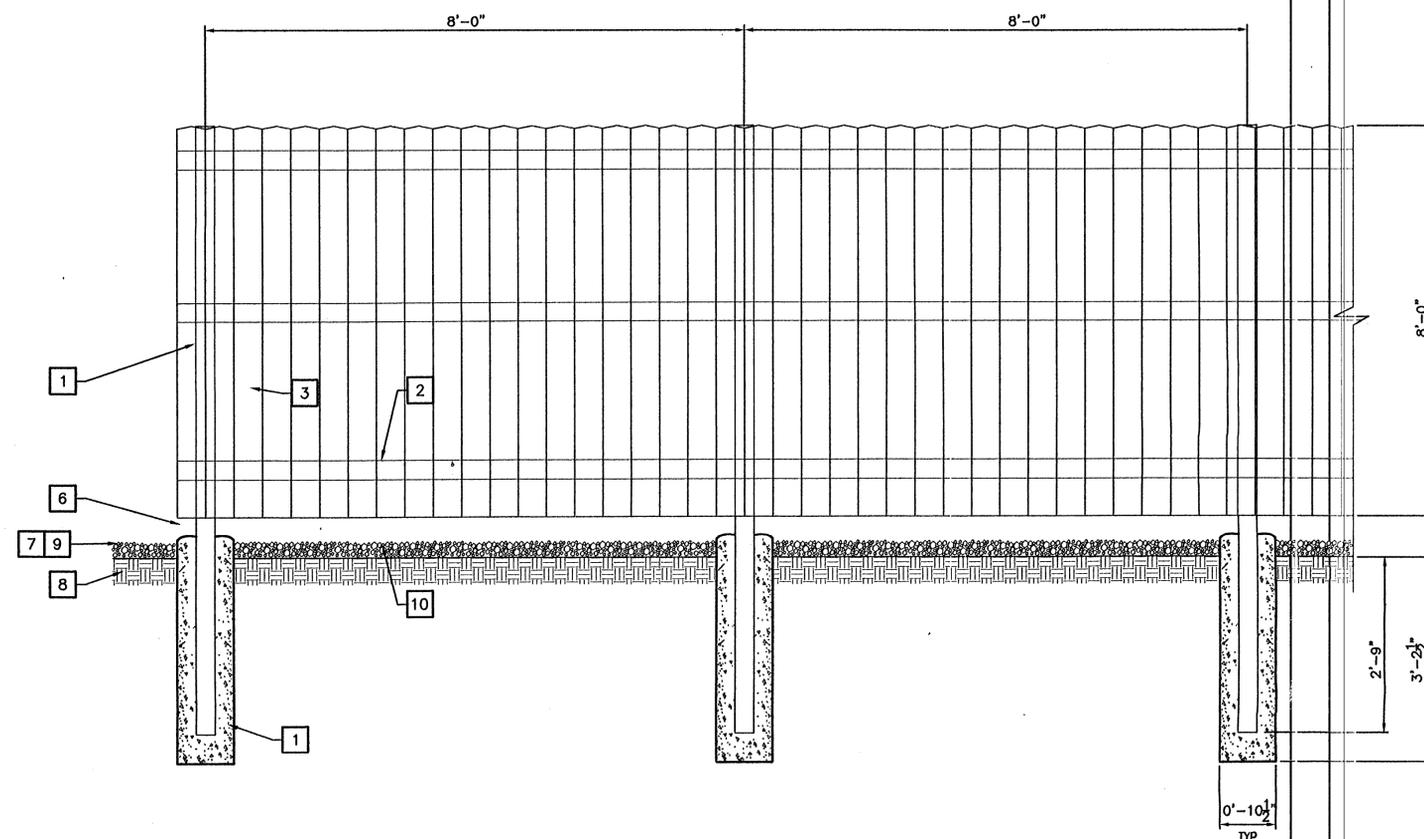
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△	ZONING DWGS.	03/29/08
△	ZONING DWGS.	06/28/08
△	ZONING DWGS.	10/24/08
△	REVISED FINAL ZONING DWGS.	03/19/07
△	REVISED FINAL ZONING DWGS.	08/09/07
△	REVISED FINAL ZONING DWGS.	11/13/07
△	REVISED FINAL ZONING DWGS.	01/10/08

SHEET NAME:

**FENCE DETAILS
AND NOTES**

SHEET NO.:

C-4



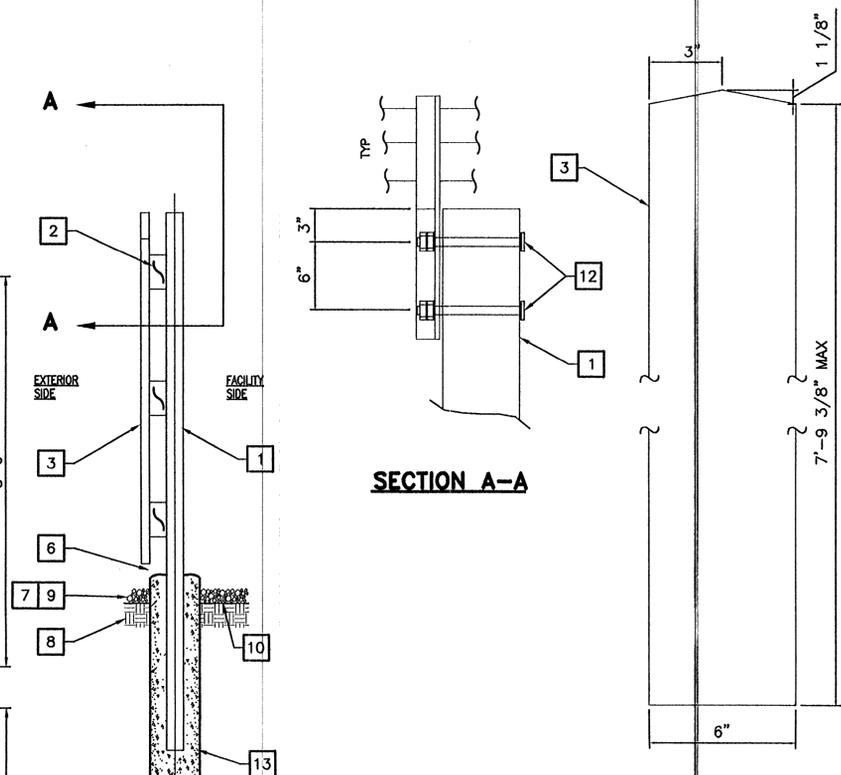
1
C-4 **COMPOUND FENCE DETAIL**
NOT TO SCALE

REFERENCE NOTES:

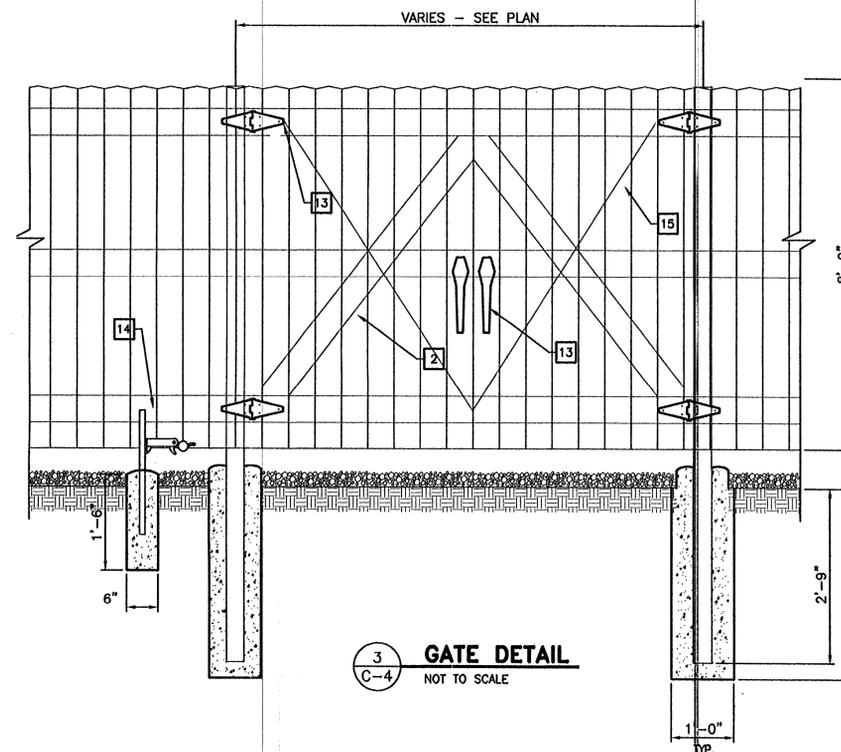
- | | |
|---|--|
| <p>1 CORNER, END OR LINE POST: 4" X 4" TREATED LUMBER SPACING FOR LINE POSTS IS 8'-0" ~C TO ~C MAX.</p> <p>2 TOP, BOTTOM, AND MIDDLE RAIL & BRACE RAIL: 2" X 4" TREATED LUMBER. (3 REQUIRED)</p> <p>3 1" (NOMINAL) X 6" X 6'-9 3/8" (MAX.) POINTED FENCE BOARDS. CEDAR PREFERRED. #1 TREATED ACCEPTABLE. SEE DETAIL 2, SHEET C-5.</p> <p>4 NOT USED</p> <p>5 NOT USED</p> <p>6 1 1/2" MAXIMUM CLEARANCE FROM GRADE.</p> <p>7 2" FINISH OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK.</p> <p>8 4" COMPACTED 95% BASE MATERIAL OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK.</p> <p>9 FINISH GRADE SHALL BE UNIFORM AND LEVEL.</p> | <p>10 GEOTEXTILE FABRIC</p> <p>11 POST: CONCRETE FOUNDATION (2000 PSI)</p> <p>12 5/8" DIA BOLT W/ 2 NUTS AND WASHER</p> <p>13 LOCK AND GATE HARDWARE. MANUFACTURER NOT SPECIFIED AT THIS TIME.</p> <p>14 HEAVY DUTY/INDUSTRIAL GRADE DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION. TYPICAL BOTH</p> <p>15 HEAVY DUTY TENSION CABLES ON GATE.</p> |
|---|--|

GENERAL NOTES:

- INSTALL FENCING PER ASTM F-567
- PRE-MANUFACTURED FENCE PANELS ARE UNACCEPTABLE.
- USE GALVANIZED (OR BETTER) NUTS, BOLTS AND WASHERS TO MOUNT ALL SIGNS (SECURED THROUGH FENCE BOARDS).
- ANY SIGNAGE SHALL BE INSTALLED INSIDE THE FENCE. SIGNAGE OUTSIDE THE FENCE IS PROHIBITED.
- WHEN INSTALLING FENCING AROUND PROPOSED SERVICE STAND MAINTAIN A MINIMUM CLEARANCE OF 3' FROM THE FACE OF ANY ELECTRICAL EQUIPMENT INSTALLED ON THE SERVICE STAND ON ALL SIDES.
- WHEN INSTALLING FENCING AROUND PROPOSED CABINETS, MAINTAIN A MINIMUM CLEARANCE OF 3' FROM THE FACE OF ANY ELECTRICAL EQUIPMENT INSTALLED ON THE EXTERIOR OF THE PAD.



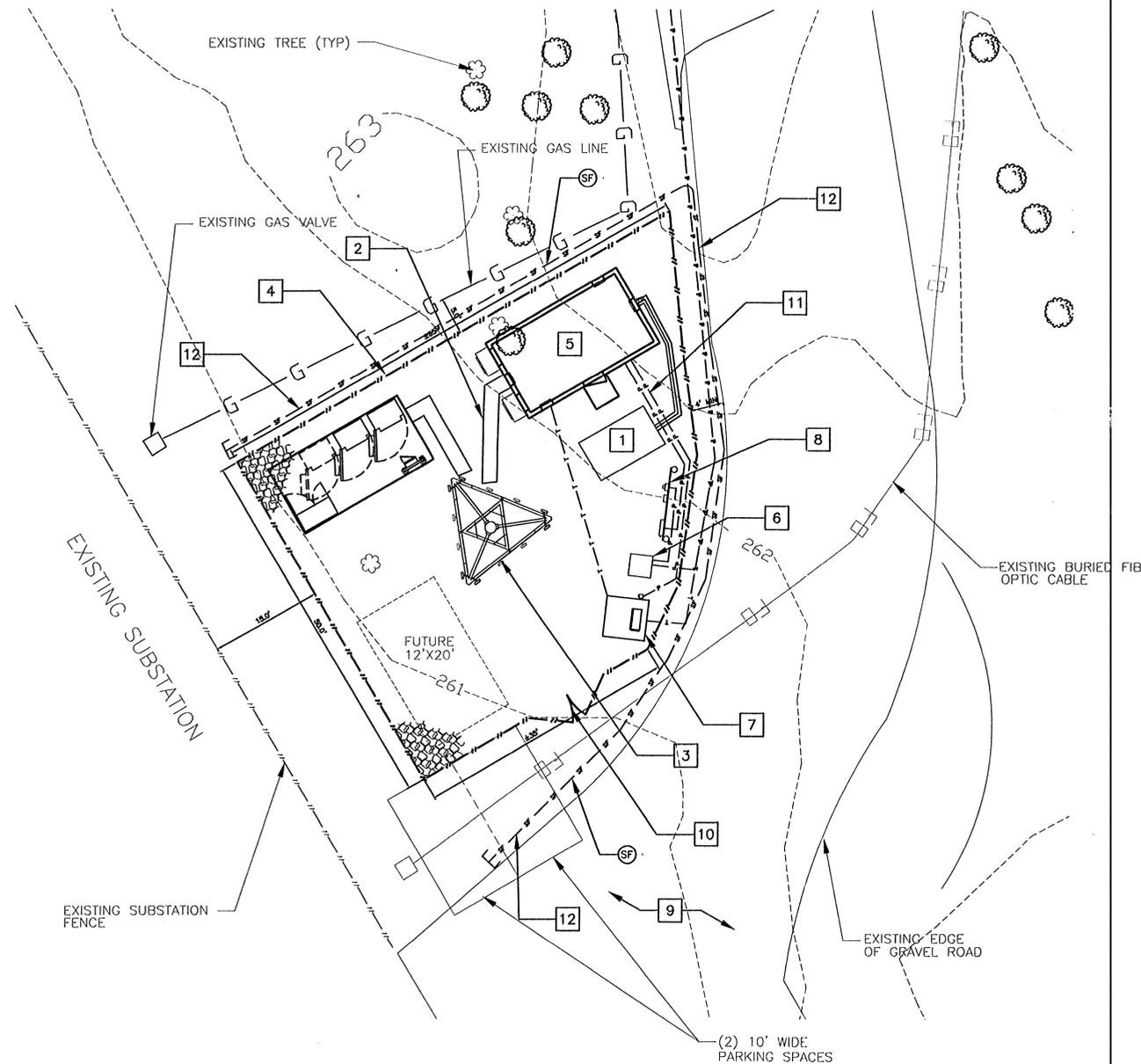
2
C-4 **FENCE BOARD DETAIL**
NOT TO SCALE



3
C-4 **GATE DETAIL**
NOT TO SCALE

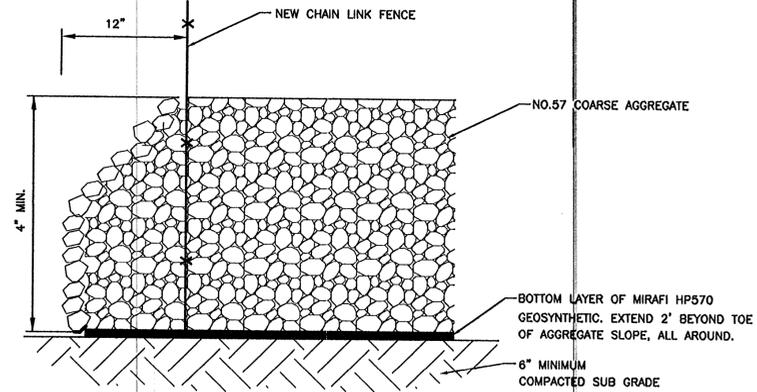
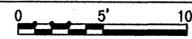
CONSTRUCTION NOTES

- | | |
|---|--|
| 1 PROPOSED NEXTEL GEN PAD | 7 PROPOSED CSC CABINET W/ DISCONNECT ON 6"x6" POST |
| 2 PROPOSED NEXTEL ICE BRIDGE | 8 PROPOSED UTILITY BACKBOARD |
| 3 PROPOSED NEXTEL 130' MONOPOLE | 9 UTILIZE EXISTING 20' GRAVEL ACCESS ROAD AND TURNAROUND |
| 4 PROPOSED NEW 8' TALL WOOD FENCE | 10 PROPOSED 12' ACCESS GATE |
| 5 PROPOSED 12'X20' NEXTEL SHELTER WITH 5 GPS ANTENNAS | 11 PROPOSED U/G POWER & TELCO CONDUITS |
| 6 PROPOSED POWER TRANSFORMER | 12 PROPOSED SILT FENCE |

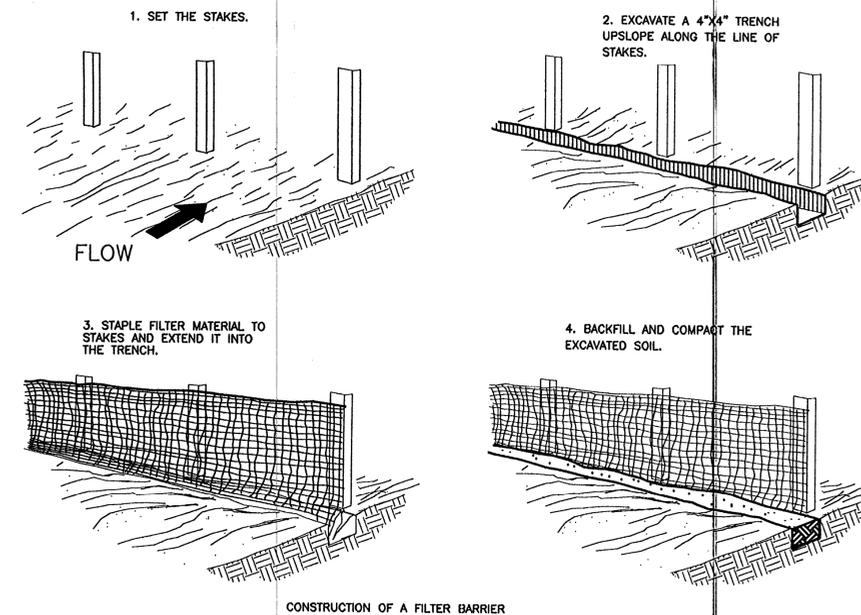


1 EROSION AND SEDIMENT PLAN
C-5

FOR 24" X 36" PLOT - 1" = 5'
FOR 11" X 17" PLOT - 1" = 10'



2 SECTION - LEASE AREA
C-5 SCALE: N.T.S.



3 SILT FENCE
C-5 SCALE: N.T.S.

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NEXTEL

COMMUNICATIONS OF THE MID ATLANTIC, INC.

7055 SAMUEL MORSE DRIVE
SUITE 100
COLUMBIA, MD 21046
(410) 868-2404



SITE INFO:

VA3891A / WA54XC815

**JAKBOUB
RAWLAND
BEAUMEADE
SUBSTATION**

21260 SMITH SWITCH RD
ASHBURN, VA
20147
LOUDOUN CO.

BROAD RUN ELECTION DISTRICT

DESIGN:	JY
DRAWN:	WSM
REVIEW:	GED
TTV DATE:	3/10/05
COMM. NO.:	1905.2 (3891)

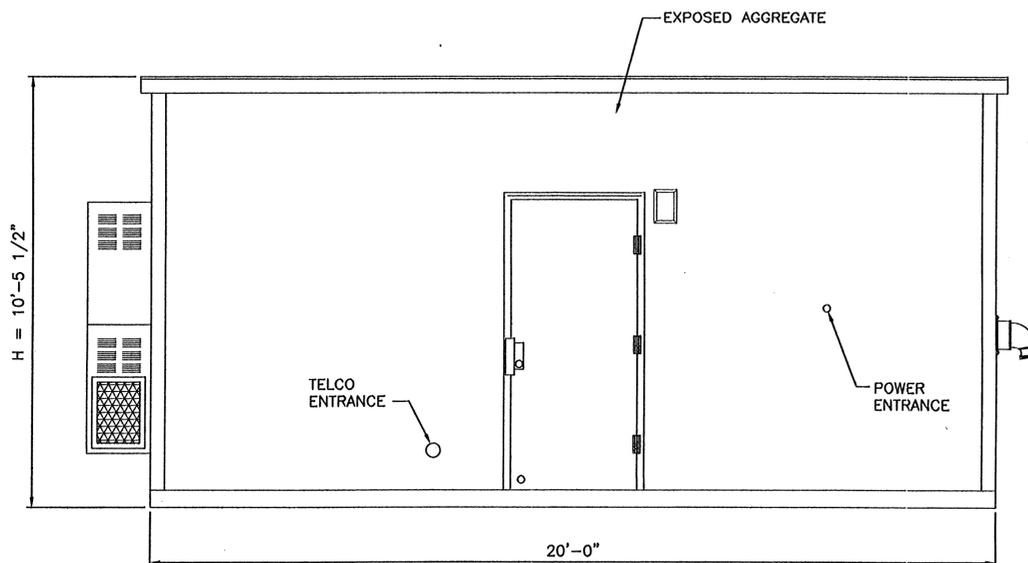
SUBMITTALS		
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△	ZONING DWGS.	03/29/08
△	ZONING DWGS.	08/28/08
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△	REVISED FINAL ZONING DWGS.	01/10/08

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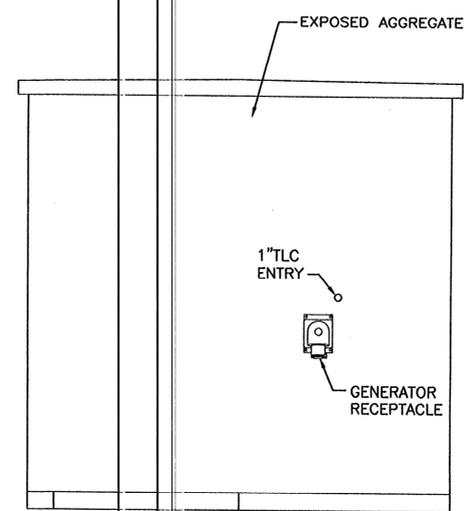
**EROSION AND
SEDIMENT CONTROL**

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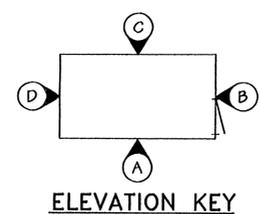
C-5



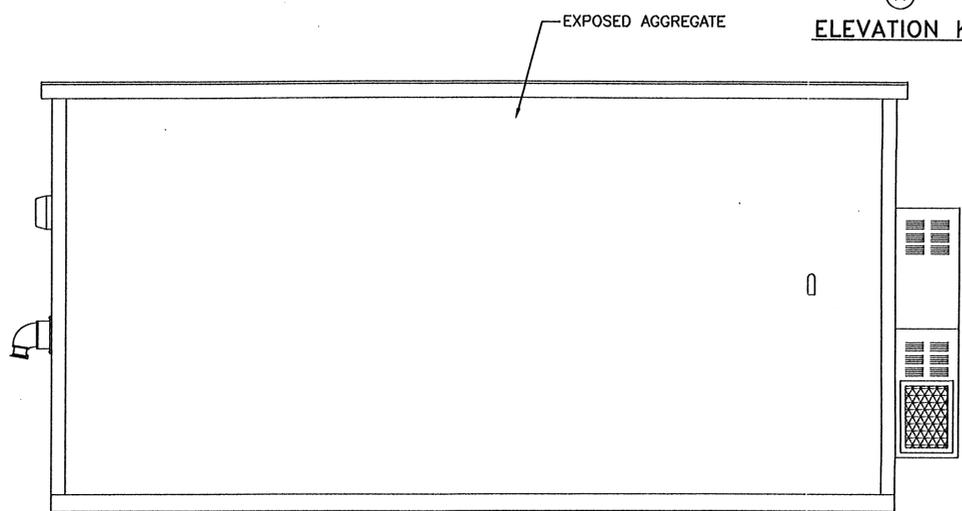
ELEVATION "A"



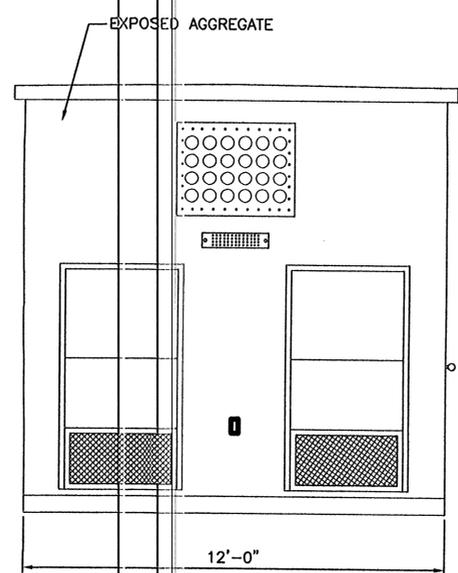
ELEVATION "B"



ELEVATION KEY



ELEVATION "C"



ELEVATION "D"

SHELTER NOTES

- DESIGN CRITERIA:

FLOOR LIVE LOAD	140 PSF
ROOF LIVE LOAD	30 PSF
SNOW LOAD	
GROUND SNOW LOAD, P_g	25 PSF
FLAT ROOF SNOW LOAD, P_f	13 PSF
SNOW EXPOSURE FACTOR, C_e	0.9
SNOW LOAD IMPORTANCE FACTOR, I	1.0
THERMAL FACTOR, C_t	1.0
WIND LOAD	
BASIC WIND SPEED	120 MPH
WIND IMPORTANCE FACTOR	1.0
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT	± 0.18
- THE SHELTER IS TO BE CLASSIFIED AS USE GROUP S-2, TYPE IIB CONSTRUCTION PER THE INTERNATIONAL BUILDING CODE - 2003.
- THIS SHELTER IS TO BE DESIGNED AND CONSTRUCTED IN COMPLIANCE THE INTERNATIONAL BUILDING CODE - 2003.

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△	REVISED FINAL ZONING DWGS.	11/13/07
△	REVISED FINAL ZONING DWGS.	01/10/08

SHEET NAME:
**SHELTER
ELEVATION**

SHEET NO.:
A-1