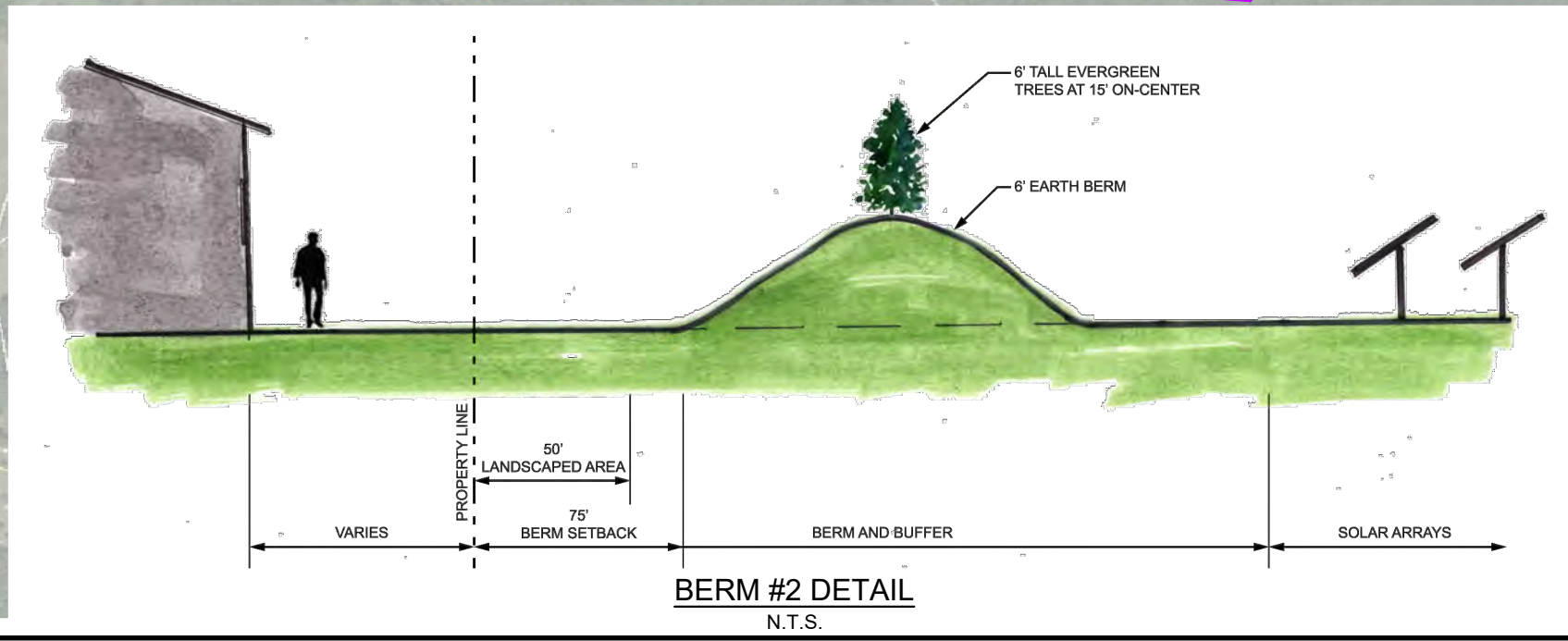
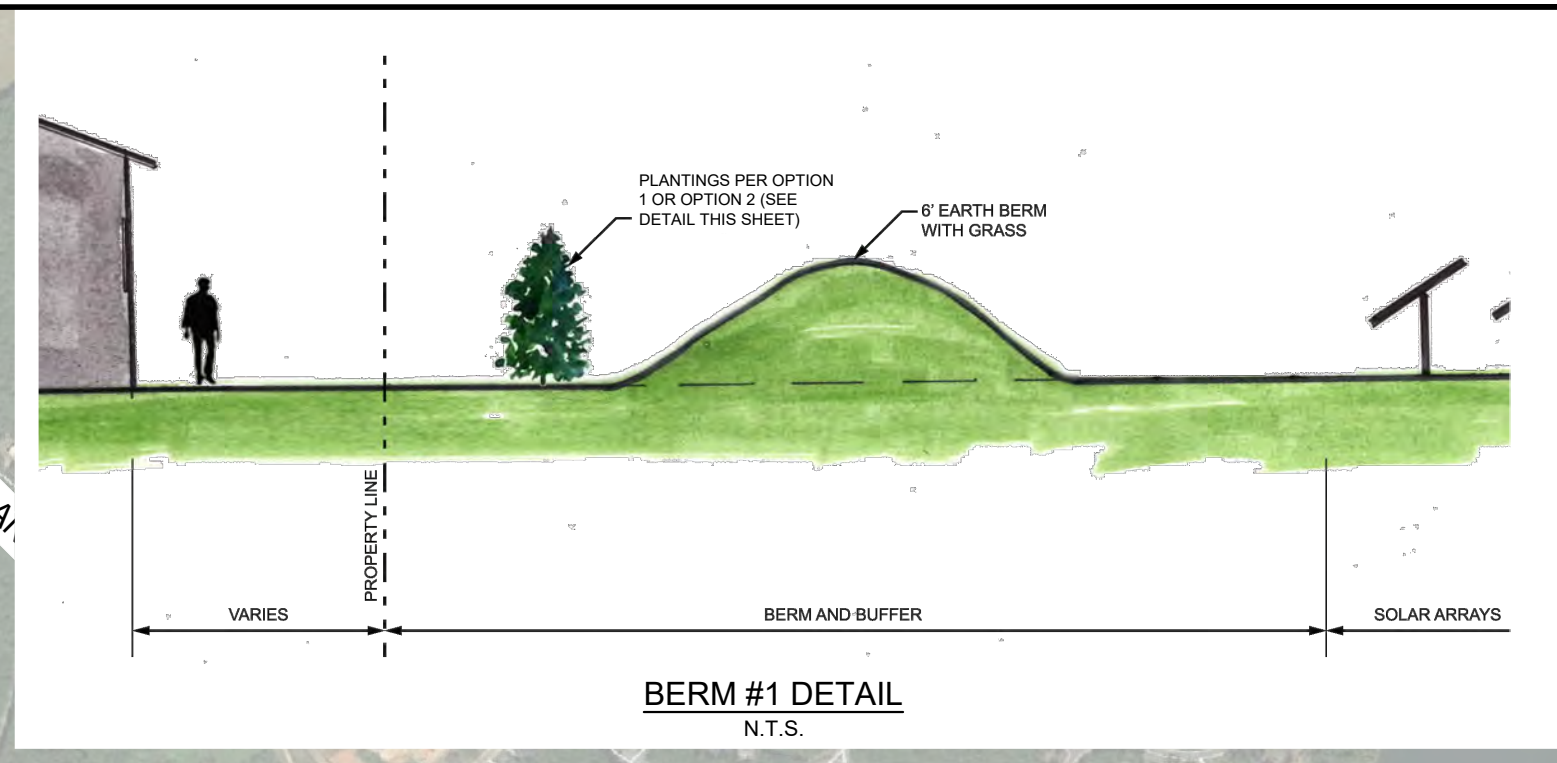
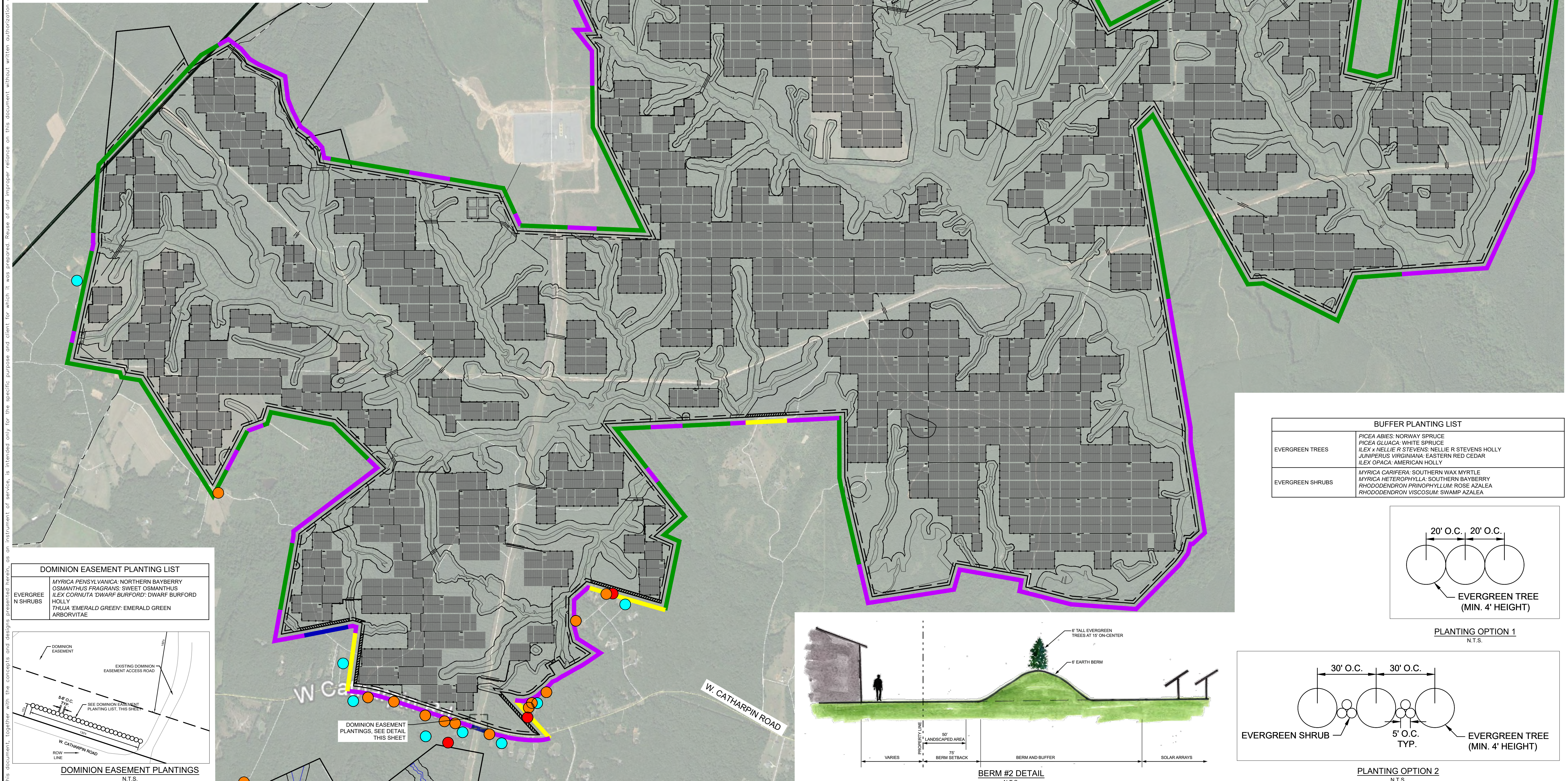
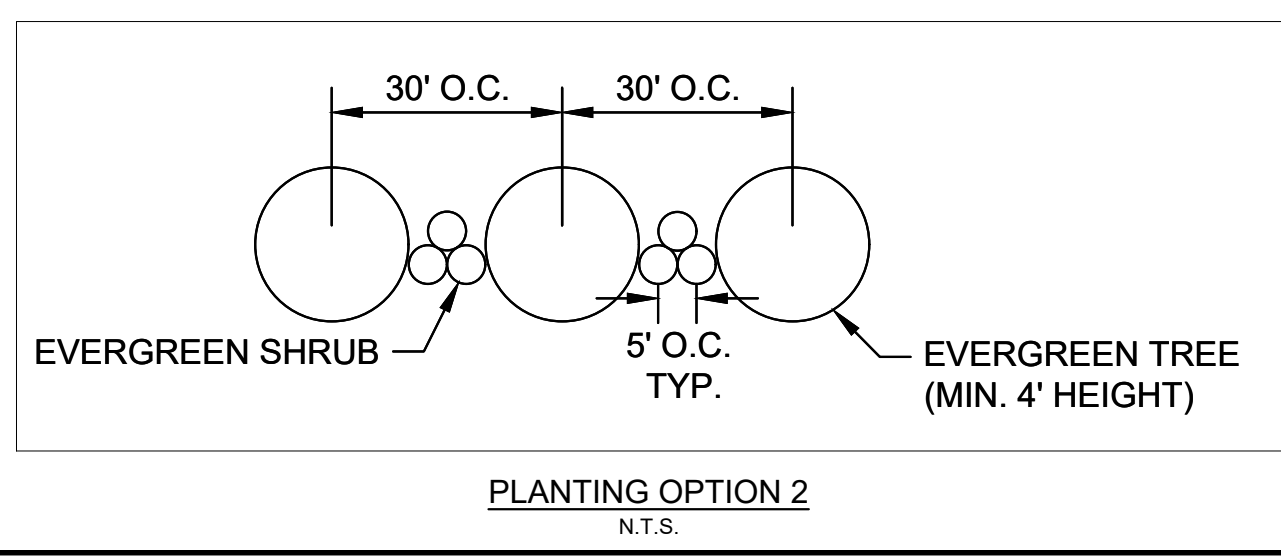
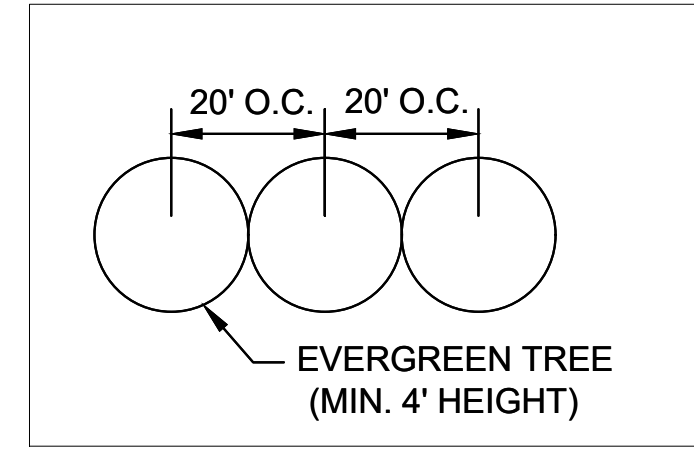


- PROPOSED BERM #1 WITH PLANTINGS PER OPTION 1 OR OPTION 2 (SEE DETAIL THIS SHEET)
 - - - PROPOSED BERM #2 WITH SIX FOOT (6') HIGH EVERGREEN TREES PLANTED ON TOP OF BERM AT FIFTEEN FEET (15') ON-CENTER (SEE DETAIL THIS SHEET)
 - PROPOSED RE-VEGETATION WITH PLANTINGS PER OPTION 1 OR OPTION 2 (SEE DETAIL THIS SHEET)
 - PROPOSED RE-VEGETATION WITH SAPPLINGS
 - 50' MINIMUM SETBACK WITH PRESERVED VEGETATION
 - 50' MINIMUM SETBACK ALLOWING VEGETATION TO GROW BACK NATURALLY
- BUILDING WITHIN 100' OF PARCEL BOUNDARY
 - BUILDING WITHIN 200' OF PARCEL BOUNDARY
 - BUILDING WITHIN 300' OF PARCEL BOUNDARY

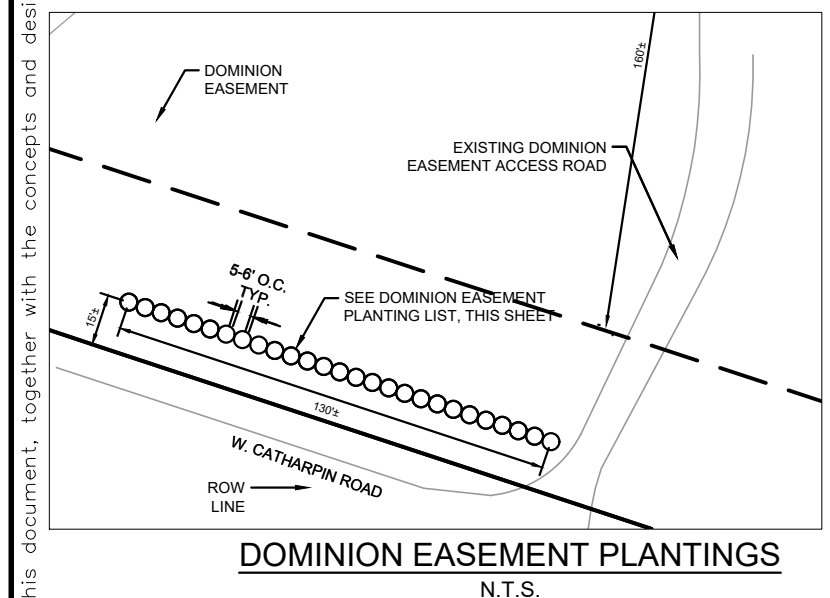
- NOTES:**
- BUFFER LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INITIAL PANEL PROXIMITY TO ROADWAYS AND ADJACENT PROPERTIES.
 - PLANTINGS SHALL BE PER OPTION 1 AND/OR OPTION 2 DEPENDING ON PLANT AVAILABILITY AT TIME OF INSTALLATION.



BUFFER PLANTING LIST	
EVERGREEN TREES	PICEA ABIES: NORWAY SPRUCE PICEA GLAUCA: WHITE SPRUCE ILEX X NELLIE R STEVENS: NELLIE R STEVENS HOLLY JUNIPERUS VIRGINIANA: EASTERN RED CEDAR ILEX OPACA: AMERICAN HOLLY
EVERGREEN SHRUBS	MYRICA CARPEREA: SOUTHERN WAX MYRTLE MYRICA HETEROPHYLLA: SOUTHERN BAYBERRY RHODODENDRON PRINOPHYLLUM: ROSE AZALEA RHODODENDRON VISCOSUM: SWAMP AZALEA



DOMINION EASEMENT PLANTING LIST	
EVERGREEN SHRUBS	MYRICA PENNSYLVANICA: NORTHERN BAYBERRY OSMANTHUS FRAGRANS: SWEET OSMANTHUS ILEX CORNUTA: DWARF BURFORD; DWARF BURFORD HOLLY THUNIA 'EMERALD GREEN': EMERALD GREEN ARBORVITAE



S-POWER
An AES and AIMCo Company
2180 SOUTH 1300 EAST, SUITE 600
SALT LAKE CITY, UT 84106
PHONE: 801-679-3500, FAX: 801-679-3501
WWW.S-POWER.COM

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11400 COMMERCE PARK DR, SUITE 400
RESTON, VA 20191
PHONE: 703-674-1300
WWW.KIMLEY-HORN.COM

APPROVAL

KHA PROJECT: 116626000
DATE: 10/26/2018
SCALE: AS SHOWN
DESIGNED BY: JRE
DRAWN BY: JRE
CHECKED BY: SWM

SUP 18-0001
LANDSCAPE AND BUFFER
AREA PLAN

SPOTSYLVANIA SOLAR
ENERGY CENTER A
PREPARED FOR
S-POWER
SHEET NUMBER
EX-2-1

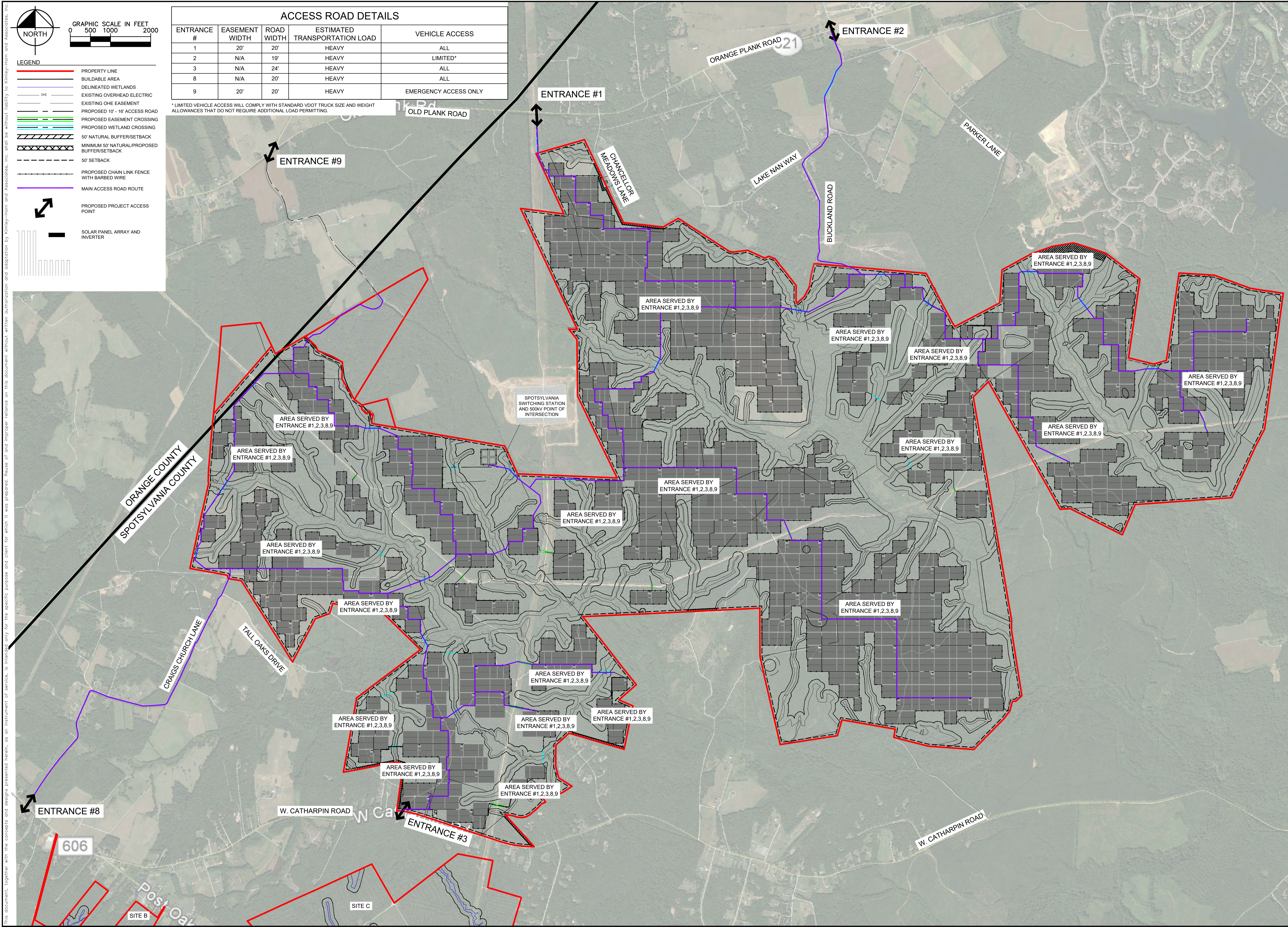
LEGEND

- PROPERTY LINE
- BUILDABLE AREA
- DELINEATED WETLANDS
- EXISTING OVERHEAD ELECTRIC
- EXISTING OHE EASEMENT
- PROPOSED 10' - 16' ACCESS ROAD
- PROPOSED EASEMENT CROSSING
- PROPOSED WETLAND CROSSING
- 50' NATURAL BUFFER/SETBACK
- MINIMUM 50' NATURAL/PROPOSED BUFFER/SETBACK
- 50' SETBACK
- PROPOSED CHAIN LINK FENCE WITH BARBED WIRE
- MAIN ACCESS ROAD ROUTE
- PROPOSED PROJECT ACCESS POINT
- SOLAR PANEL ARRAY AND INVERTER

ACCESS ROAD DETAILS

ENTRANCE #	EASEMENT WIDTH	ROAD WIDTH	ESTIMATED TRANSPORTATION LOAD	VEHICLE ACCESS
1	20'	20'	HEAVY	ALL
2	N/A	19'	HEAVY	LIMITED*
3	N/A	24'	HEAVY	ALL
8	N/A	20'	HEAVY	ALL
9	20'	20'	HEAVY	EMERGENCY ACCESS ONLY

*LIMITED VEHICLE ACCESS WILL COMPLY WITH STANDARD VDOT TRUCK SIZE AND WEIGHT ALLOWANCES THAT DO NOT REQUIRE ADDITIONAL LOAD PERMITTING.



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S-POWER
An AES and AIMCo Company

2180 SOUTH 1300 EAST, SUITE 600
SALT LAKE CITY, UT 84106
PHONE: 801-679-3500, FAX: 801-679-3501
WWW.S-POWER.COM

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11400 COMMERCE PARK DR., SUITE 400
RESTON, VA 20191
PHONE: 703-874-1300
WWW.KIMLEY-HORN.COM

APPROVAL

COMMONWEALTH OF VIRGINIA
SEAN MILLOT
Lic. No. 0402052332
PROFESSIONAL ENGINEER
11/20/2018

KHA PROJECT	116626000
DATE	11/20/2018
SCALE	AS SHOWN
DESIGNED BY	JRB
DRAWN BY	JRB
CHECKED BY	SMW

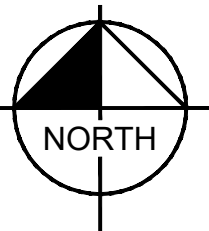
SUP 18-0001
ACCESS ROAD SERVICE
AREAS





SPOTSZYLVANIA SOLAR
ENERGY CENTER A
PREPARED FOR
S-POWER

SPOTSZYLVANIA COUNTY VIRGINIA

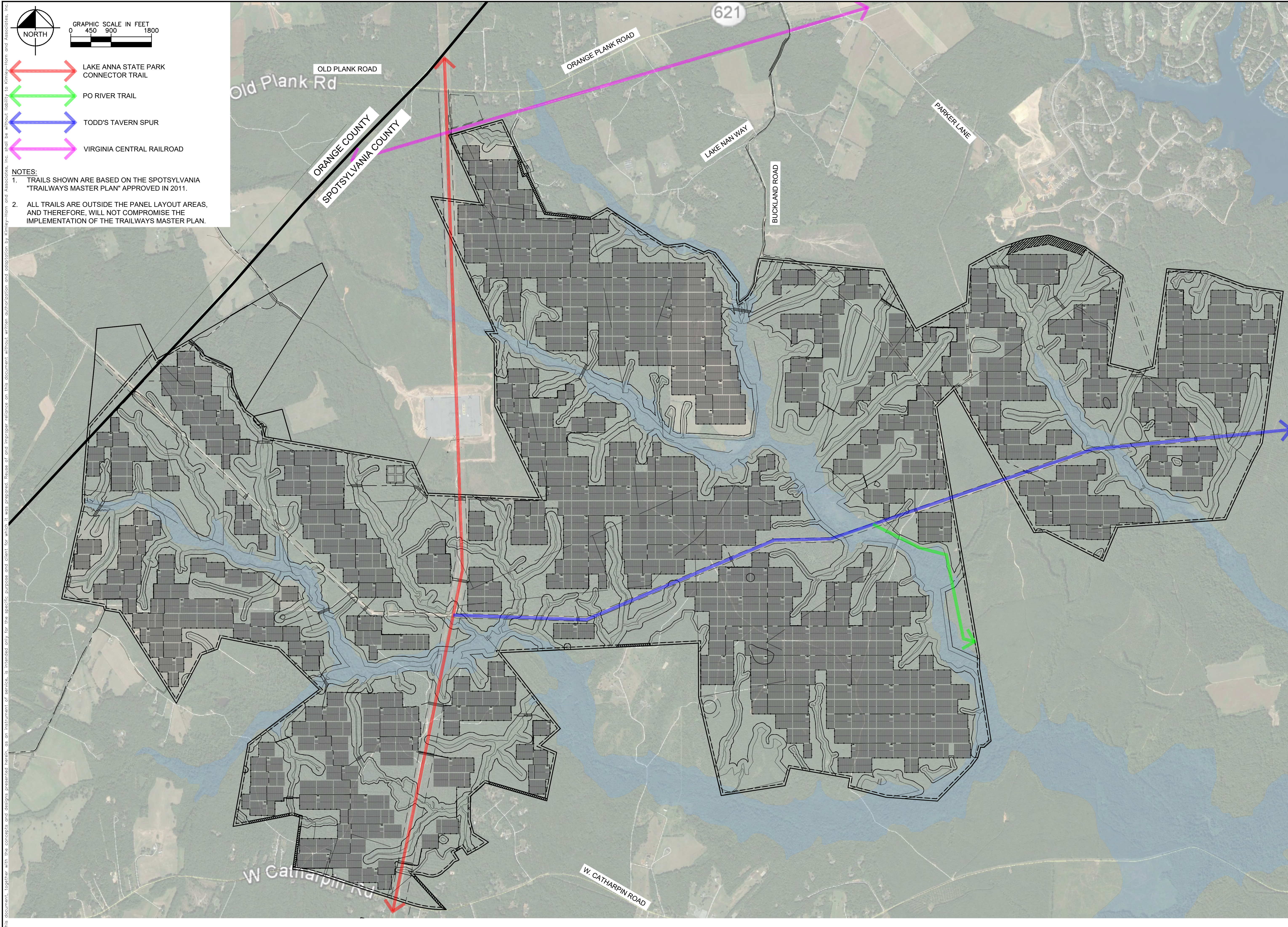
SHEET NUMBER
EX-2-2

GRAPHIC SCALE IN FEET
0 450 900 1800

 NORTH

 LAKE ANNA STATE PARK CONNECTOR TRAIL
 PO RIVER TRAIL
 TODD'S TAVERN SPUR
 VIRGINIA CENTRAL RAILROAD

NOTES:
 1. TRAILS SHOWN ARE BASED ON THE SPOTSYLVANIA "TRAILWAYS MASTER PLAN" APPROVED IN 2011.
 2. ALL TRAILS ARE OUTSIDE THE PANEL LAYOUT AREAS, AND THEREFORE, WILL NOT COMPROMISE THE IMPLEMENTATION OF THE TRAILWAYS MASTER PLAN.



 **S-POWER**
 An AES and AIMCo Company
 2180 SOUTH 1300 EAST, SUITE 600
 SALT LAKE CITY, UT 84106
 PHONE: 801-679-3500 FAX: 801-679-3501
 WWW.SPOWER.COM

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 RESTON, VA 20191
 PHONE: 703-674-1300
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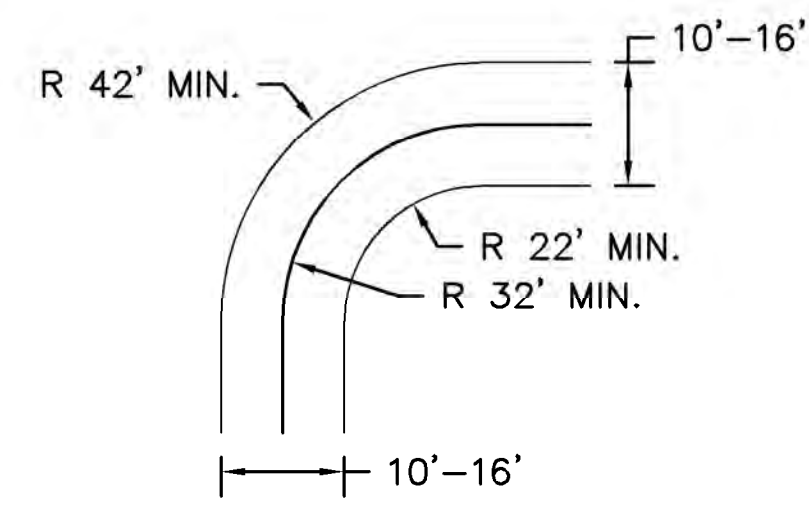
APPROVAL



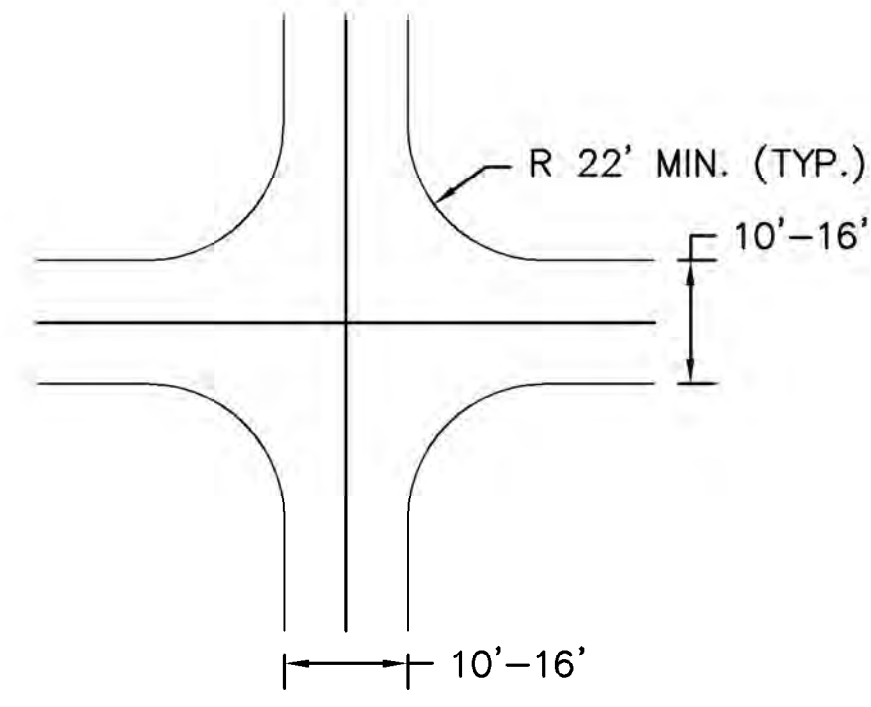
KHA PROJECT	116626000
DATE	10/26/2018
SCALE	AS SHOWN
DESIGNED BY	JRE
DRAWN BY	JRE
CHECKED BY	SMW

SUP 18-0001
 COUNTY TRAIL OVERLAY
 MAP

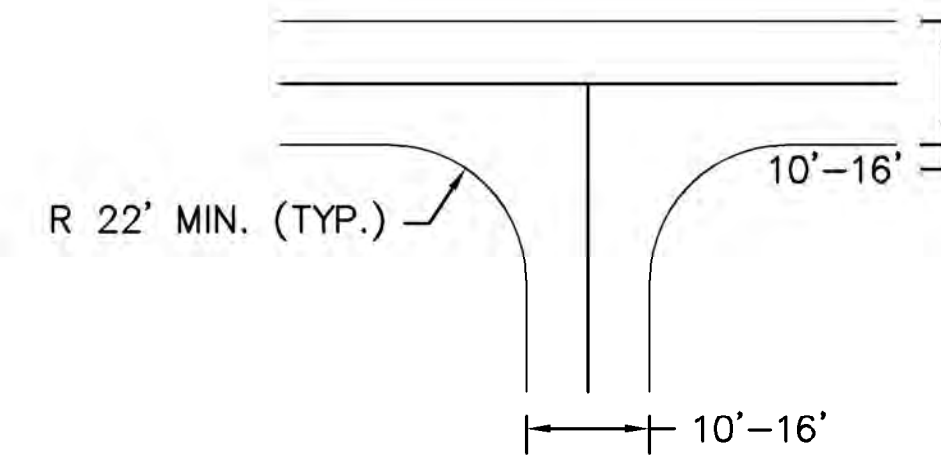
SPOTSYLVANIA SOLAR
 ENERGY CENTER A
 PREPARED FOR
 S-POWER



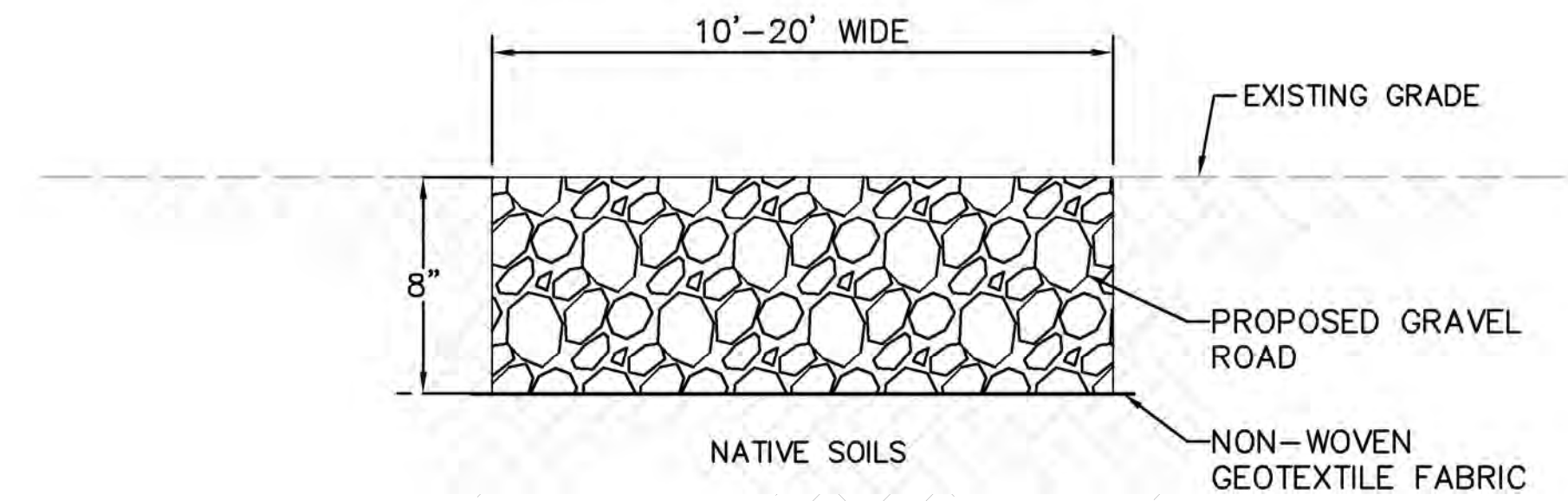
TYPICAL SITE ACCESS ROAD 90° TURN
N.T.S.



TYPICAL SITE ACCESS ROAD 4-WAY INTERSECTION
N.T.S.



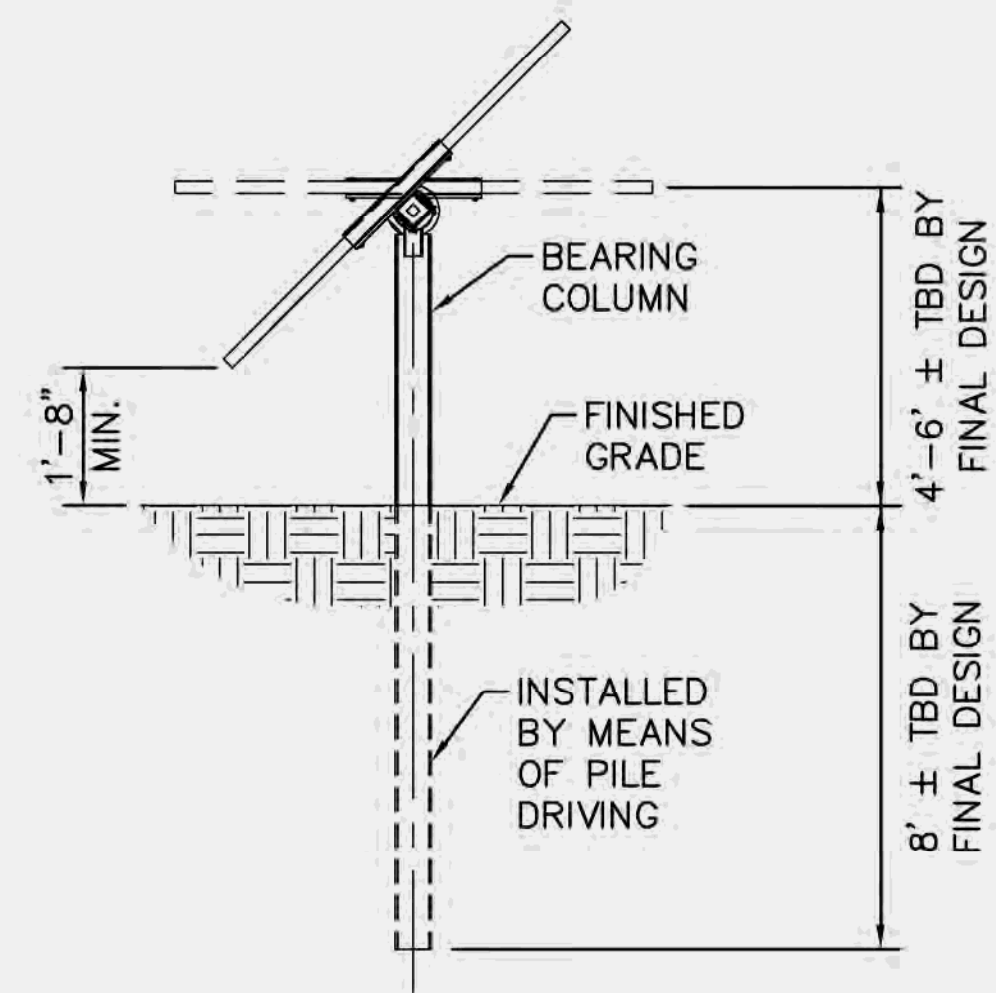
TYPICAL SITE ACCESS ROAD "T" - INTERSECTION
N.T.S.



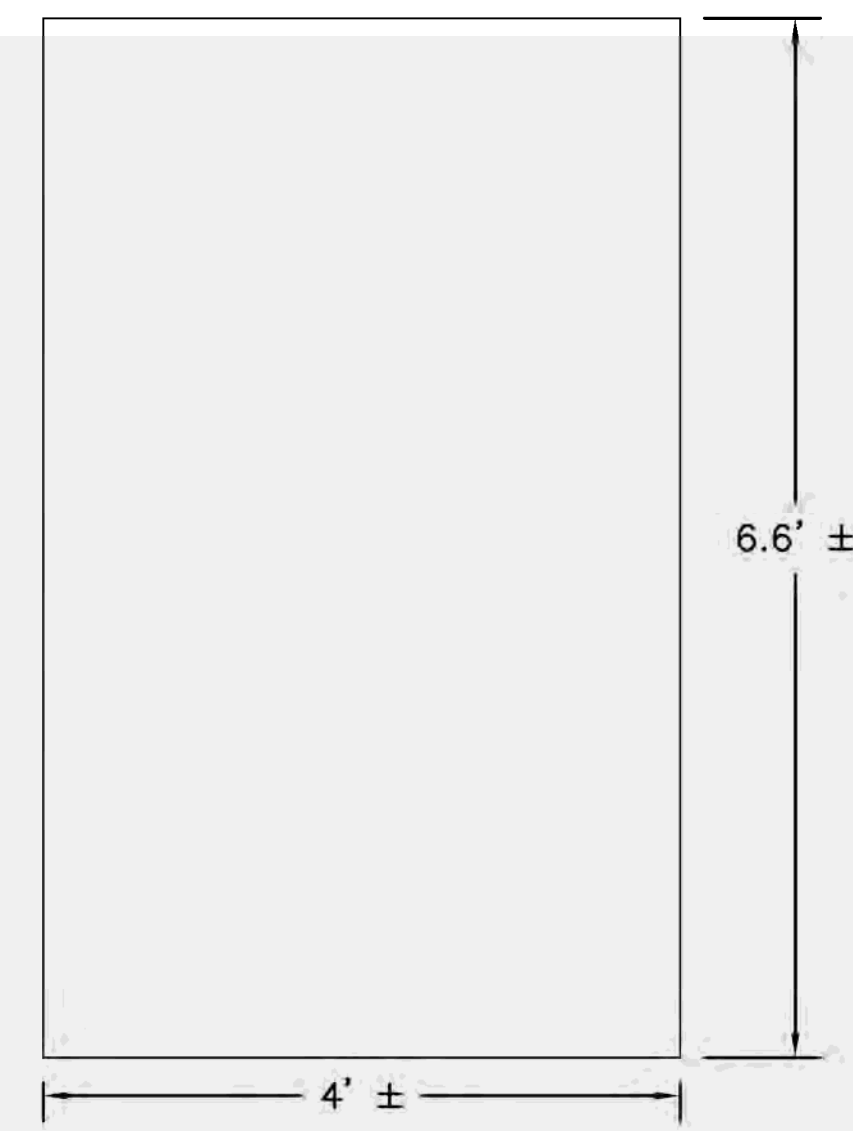
NOTES:

1. REMOVE ALL GRASSES AND ORGANICS WITHIN ACCESS ROAD AREA.
2. SCARIFY, MOISTURE CONDITION, AND RE-COMPACT EXISTING NATIVE SOILS TO 90% OF THE MATERIAL'S ASTM D-1557 MAXIMUM DRY DENSITY.
3. COMPACTION SHALL BE VERIFIED BY THE GEOTECHNICAL CONSULTANT.

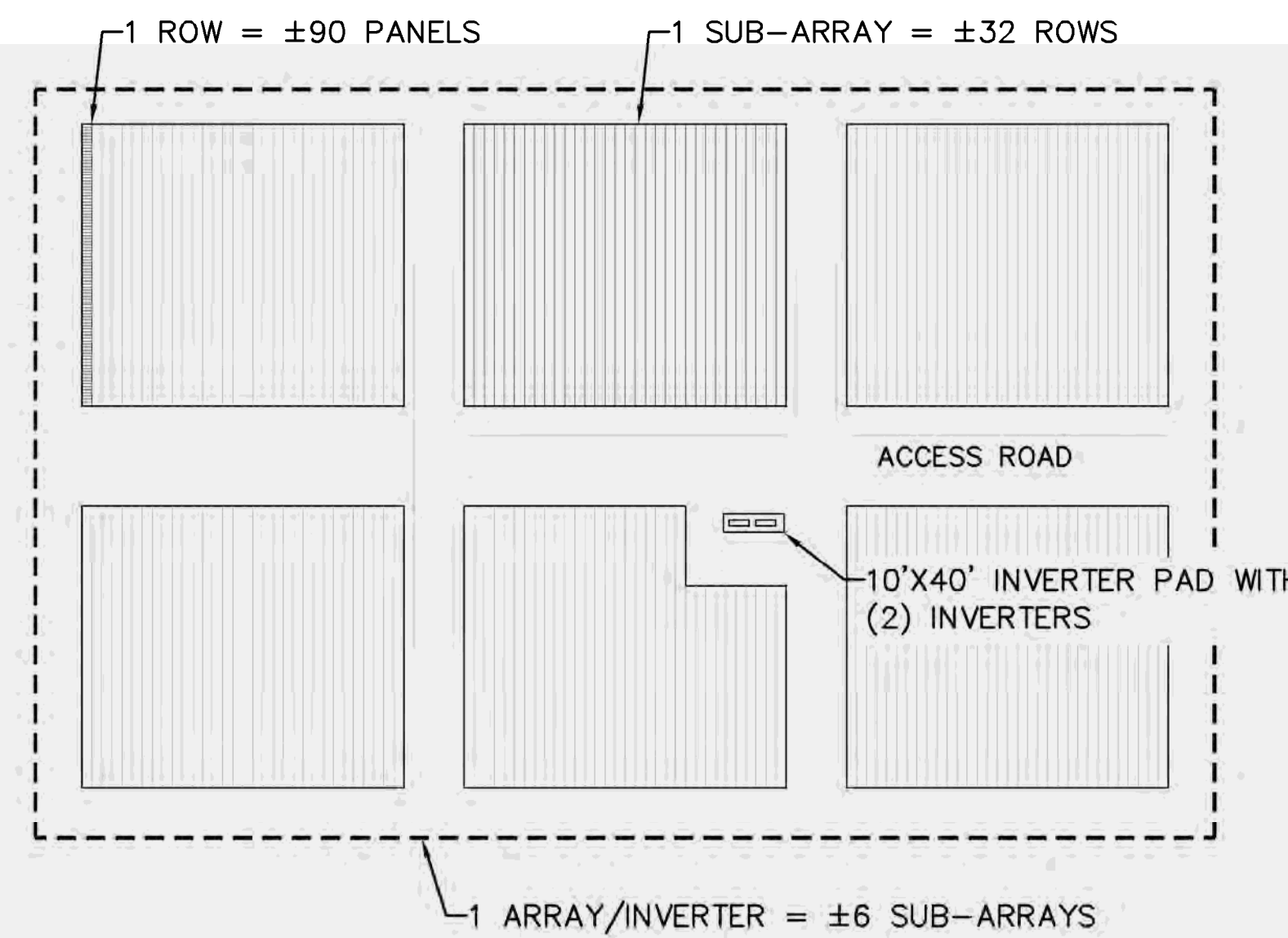
TYPICAL SITE ACCESS ROAD - GRAVEL ROAD SECTION
N.T.S.



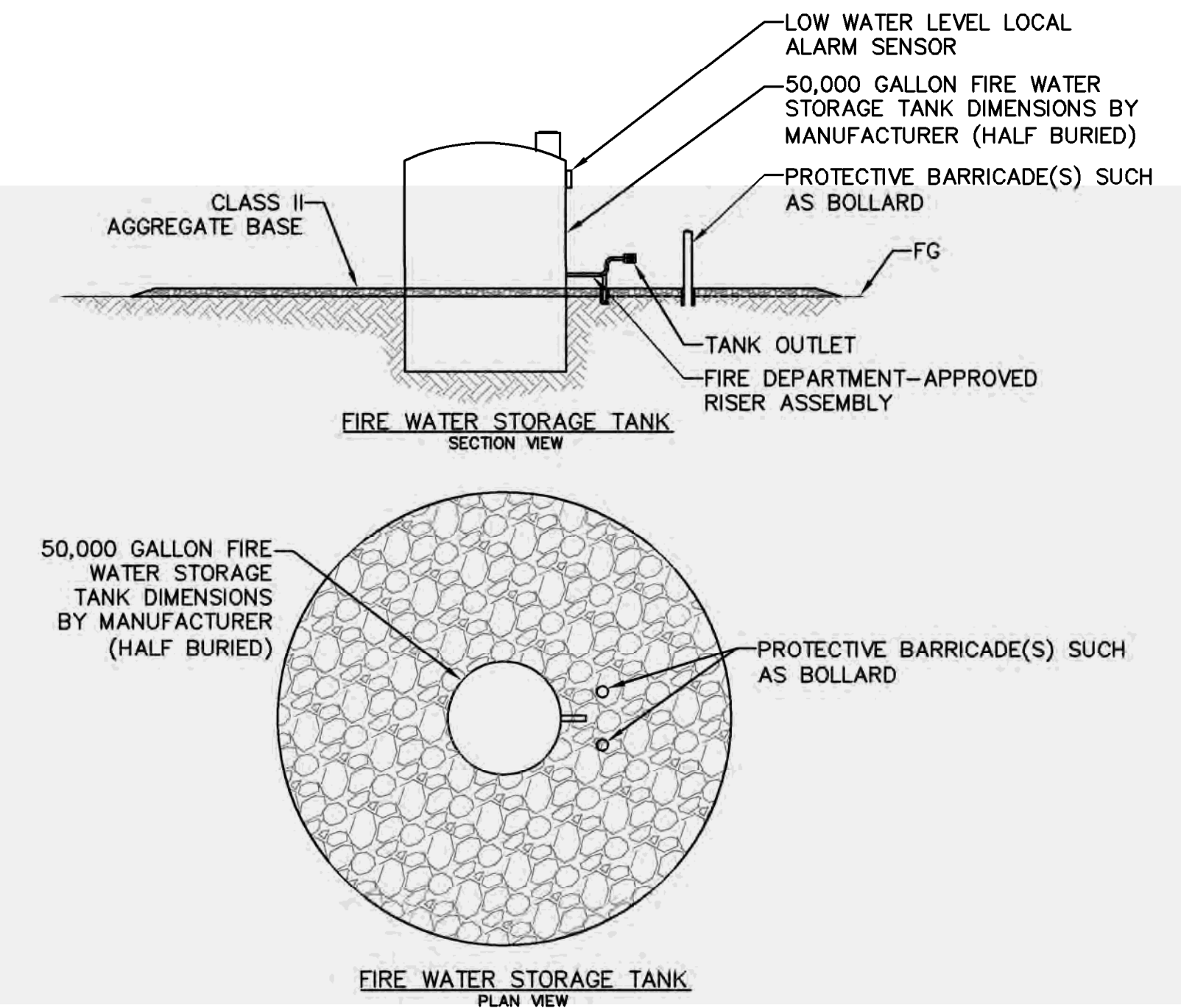
TRACKER RACK AND FOUNDATION DETAIL
N.T.S.
NOTE: ACTUAL CONSTRUCTION DETAIL OF TRACKER RACK AND FOUNDATION MAY VARY FROM THIS DETAIL.



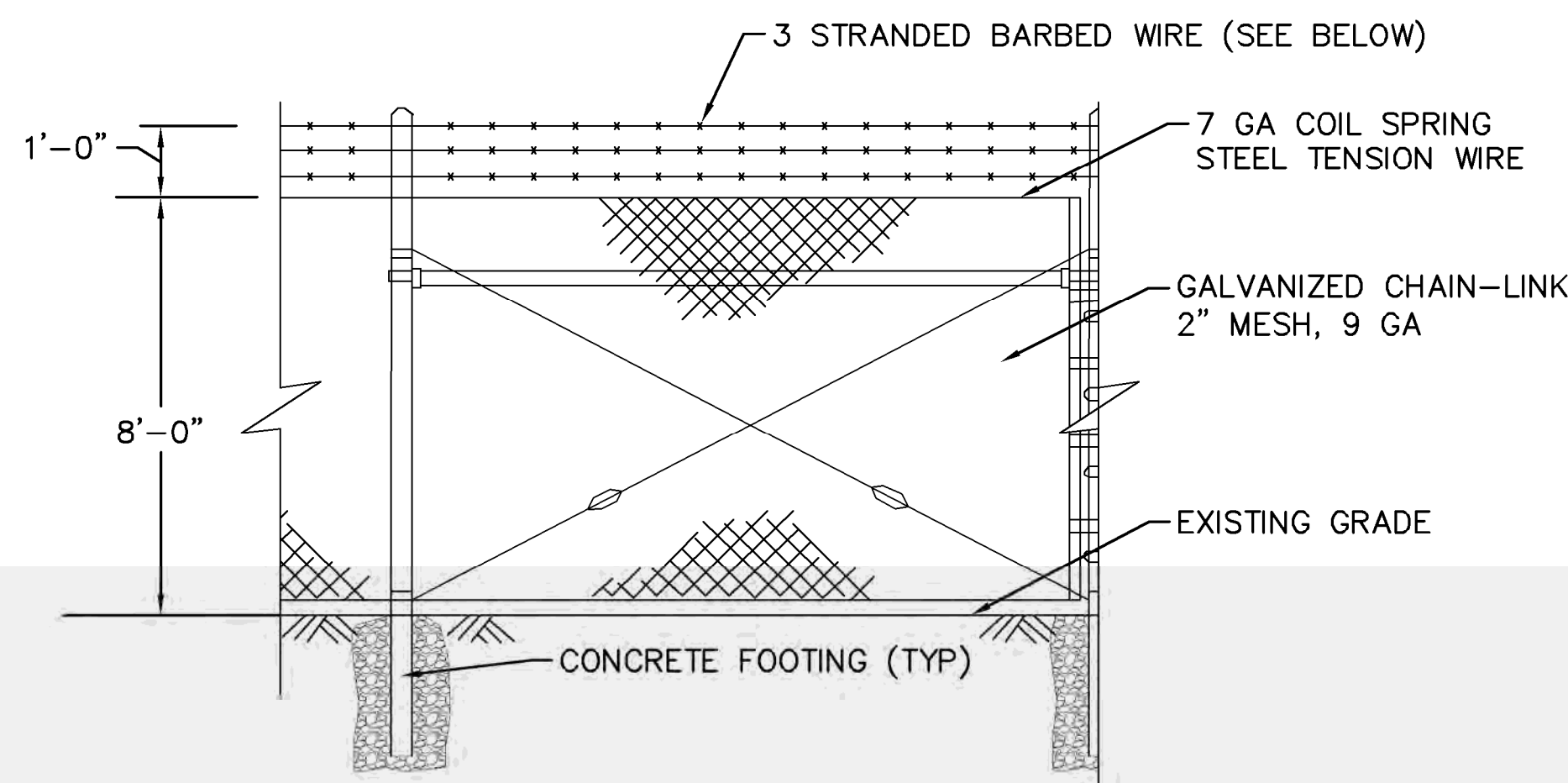
MODULE DETAIL
N.T.S.
NOTE: ACTUAL CONSTRUCTION DETAIL OF MODULE MAY VARY FROM THIS DETAIL.



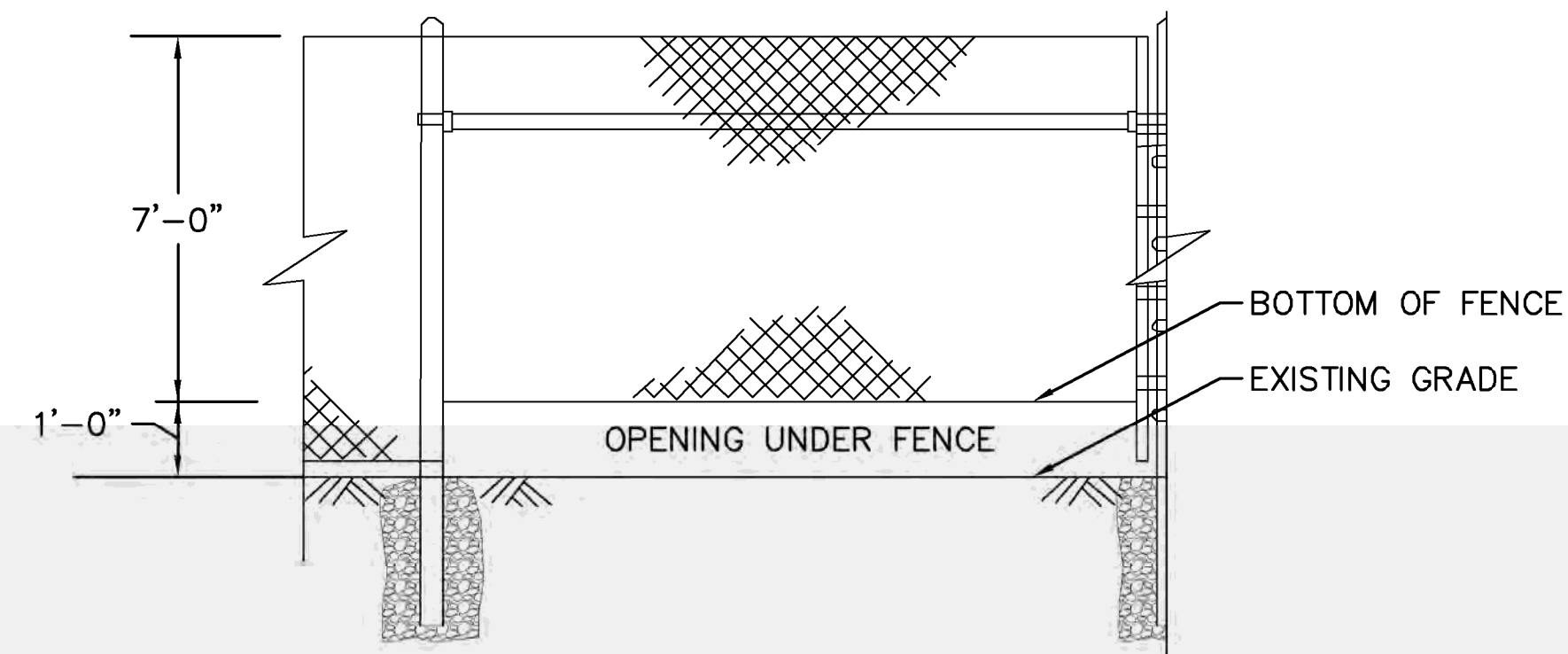
INVERTER BLOCK EXAMPLE
N.T.S.
NOTE: INVERTER PAD APPROXIMATELY 10'x40' WITH (2) 9'Lx5.5'Wx7.5'H INVERTERS SUBJECT TO FINAL ENGINEERING.



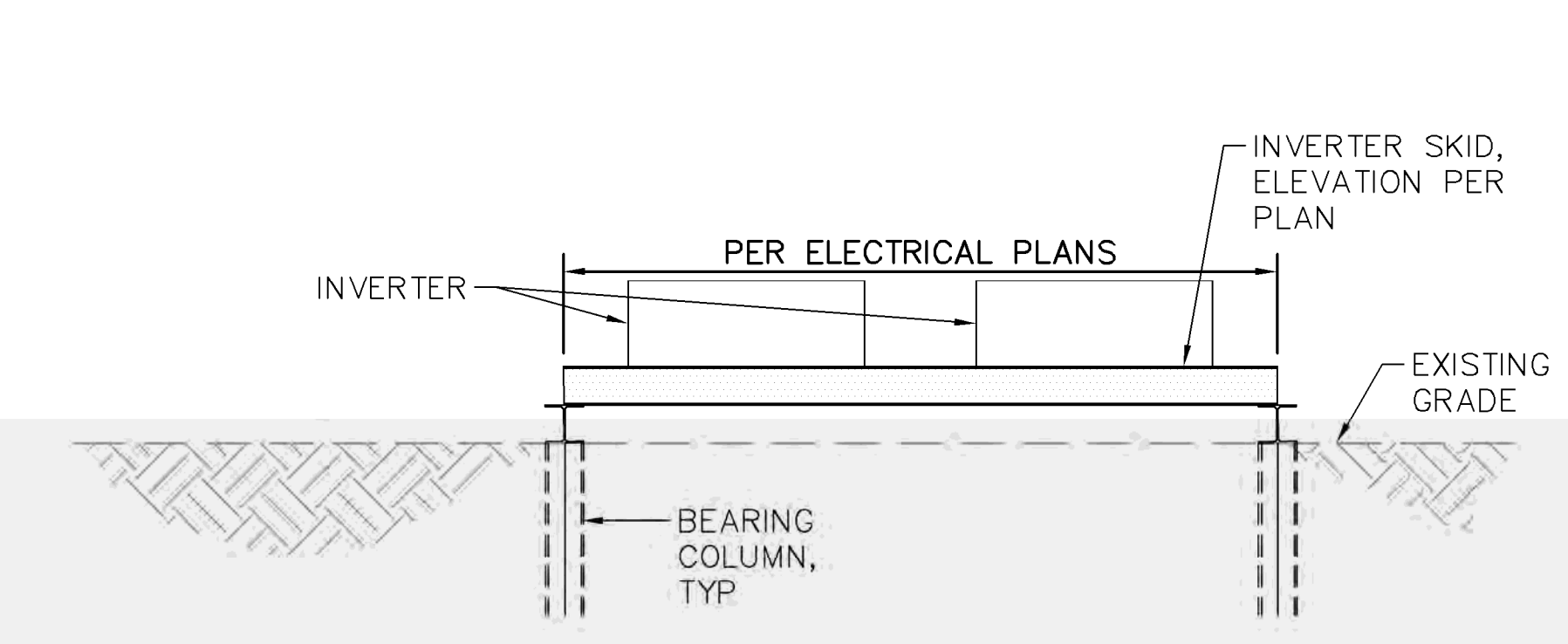
WATER TANK DETAIL
N.T.S.
NOTE: ACTUAL CONSTRUCTION DETAIL OF WATER TANK MAY VARY FROM THIS DETAIL.



CHAIN LINK SECURITY FENCE
N.T.S.
NOTE: BARBED WIRE AT TOP OF FENCE TO ONLY BE USED AT SUBSTATION. REMAINDER OF PROJECT FENCING WILL NOT HAVE BARBED WIRE.



WILDLIFE FENCE
N.T.S.
NOTE: WILDLIFE FENCE WILL SPACED EVERY 2000 FEET ALONG FENCE LINE SUBJECT TO ENGINEERING AND SITE DESIGN.



INVERTER DETAIL
N.T.S.
NOTE: INVERTER PAD APPROXIMATELY 10'x40' WITH (2) 9'Lx5.5'Wx7.5'H INVERTERS SUBJECT TO FINAL ENGINEERING.