

OXFORD ROAD SOLAR DEVELOPMENT

NORTH SMITHFIELD, RHODE ISLAND

APPLICANT

NORTH SMITHFIELD SOLAR 1, LLC
 C/O ENERGY DEVELOPMENT PARTNERS
 52 INDUSTRIAL DRIVE
 NORTH SMITHFIELD, RI 02896

LAND OWNER

LANDFILL RESOURCE RECOVERY, INC
 215 CEDAR STREET WARWICK, RI 02818

PROPERTY
 PLAT 7, LOT 9

DRAWING INDEX		
Sheet Number	Sheet Title	Sheet Description
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5	C-103	GRADING & EROSION CONTROL PLAN
6	D-200	DETAILS - 1
7	D-201	DETAILS - 2

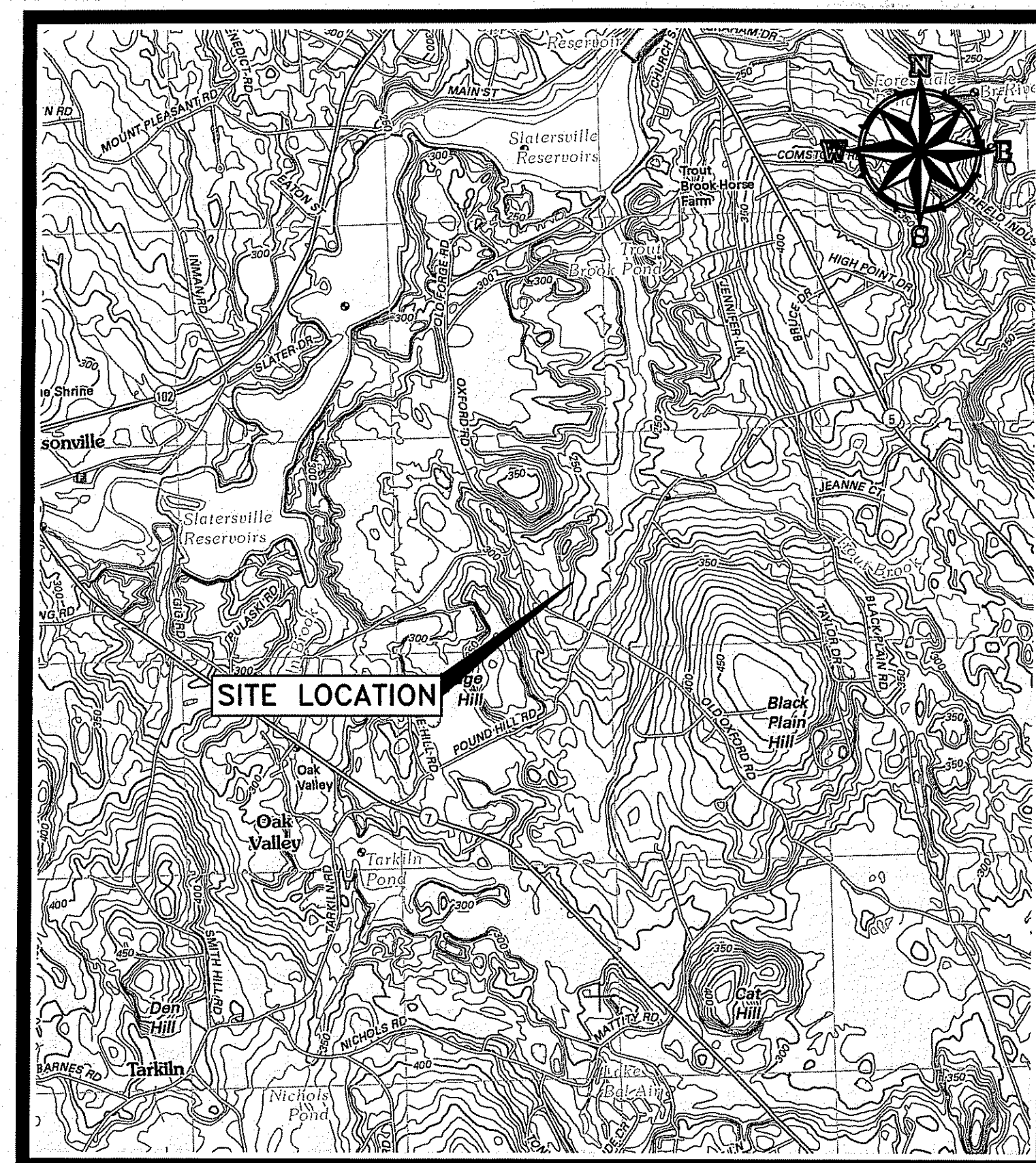
AUGUST 2015

REVISED NOV. 10, 2015

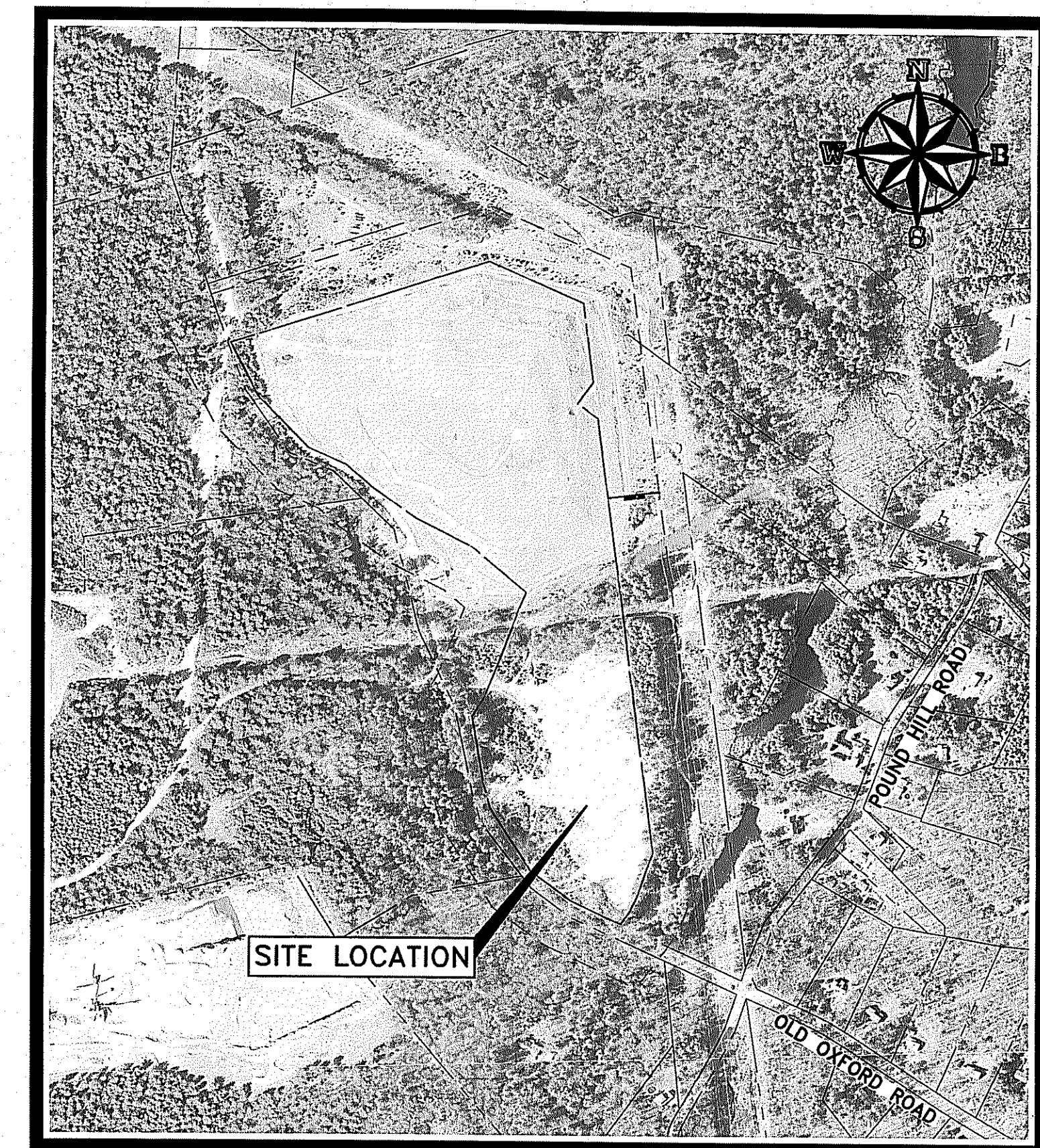
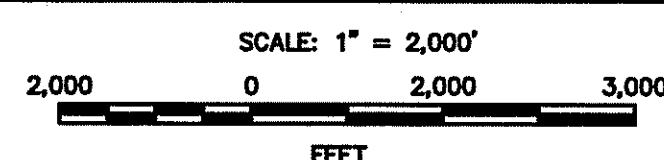
ENGINEER



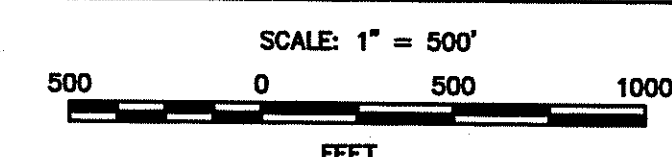
95 Cedar Street, Suite 100
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 COMMITMENT & INTEGRITY DRIVE RESULTS



REFERENCE: USGS TOPOGRAPHIC MAP
 GEORGIATVILLE, RI QUADRANGLE
SITE LOCATION MAP



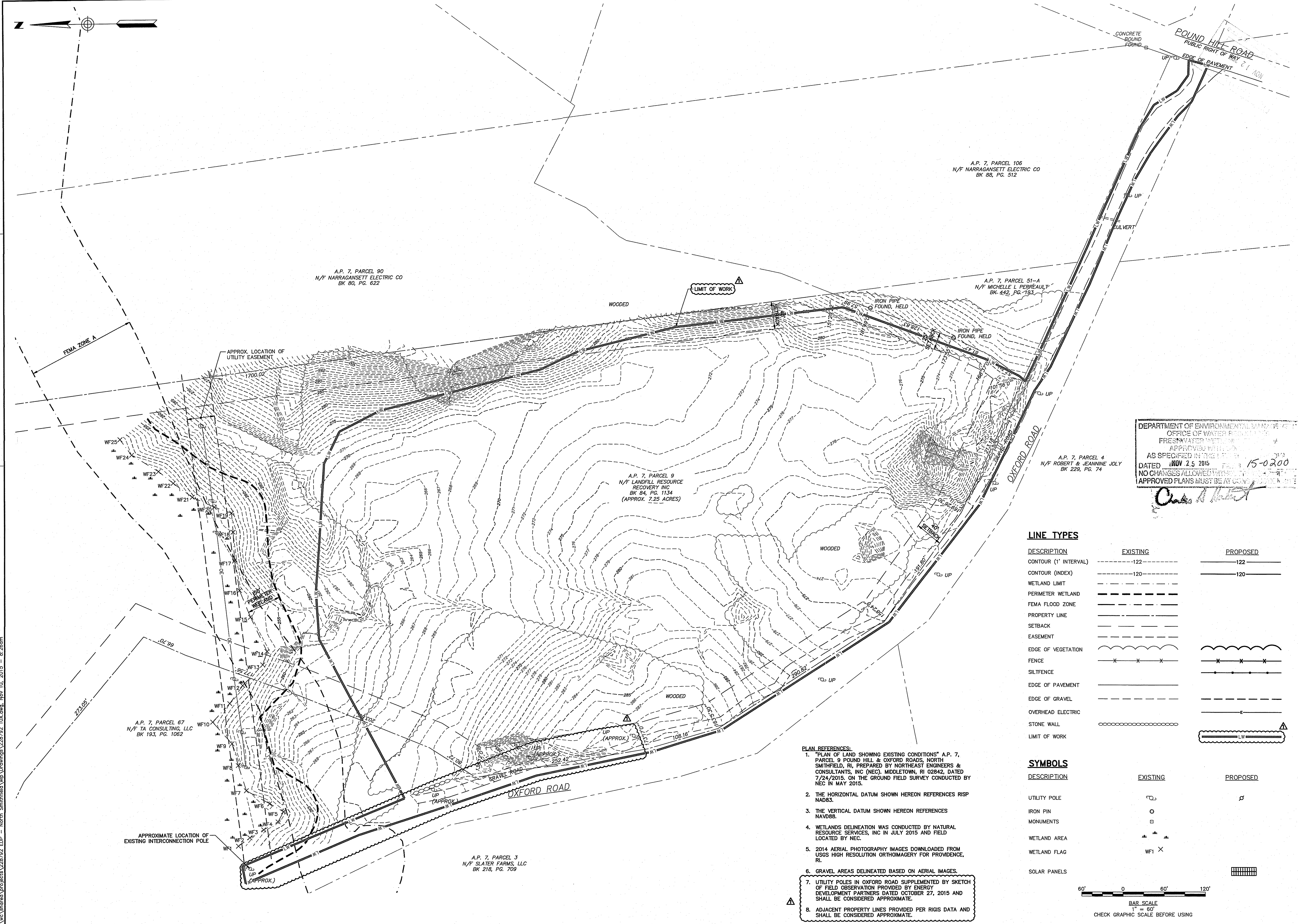
REFERENCE: USGS NATIONAL DATABASE
SITE LOCATION AERIAL PHOTO



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PERMIT
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER PERMIT
 DATED NOV 25 2015 FILE # 15-0300
 NO CHANGES ALLOWED WITHOUT PERMIT
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

G-001

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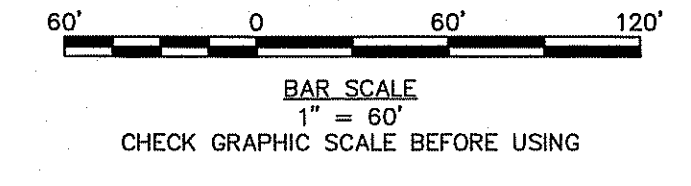
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE PERMIT
 DATED **NOV 25 2015** FILE # **15-0200**
 NO CHANGES ALLOWED WITHOUT A STATEMENT OF WORK
 APPROVED PLANS MUST BE AT ALL TIMES IN ACCORDANCE WITH THE PERMIT

Chris A. Hest

DESCRIPTION	EXISTING	PROPOSED
CONTOUR (1' INTERVAL)	-122	-122
CONTOUR (INDEX)	-120	-120
WETLAND LIMIT	---	---
PERIMETER WETLAND	---	---
FEMA FLOOD ZONE	---	---
PROPERTY LINE	---	---
SETBACK	---	---
EASEMENT	---	---
EDGE OF VEGETATION	---	---
FENCE	X X X	X X X
SILTFENCE	---	---
EDGE OF PAVEMENT	---	---
EDGE OF GRAVEL	---	---
OVERHEAD ELECTRIC	---	---
STONE WALL	---	---
LIMIT OF WORK	---	---

DESCRIPTION	EXISTING	PROPOSED
UTILITY POLE	⊙	⊙
IRON PIN	○	○
MONUMENTS	□	□
WETLAND AREA	WF1	WF1
WETLAND FLAG	WF1 X	WF1 X
SOLAR PANELS	---	---

- PLAN REFERENCES:**
- "PLAN OF LAND SHOWING EXISTING CONDITIONS" A.P. 7, PARCEL 9 POUND HILL & OXFORD ROADS, NORTH SMITHFIELD, RI, PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC (NEC), MIDDLETOWN, RI 02842, DATED 7/24/2015. ON THE GROUND FIELD SURVEY CONDUCTED BY NEC IN MAY 2015.
 - THE HORIZONTAL DATUM SHOWN HEREON REFERENCES RISP NAD83.
 - THE VERTICAL DATUM SHOWN HEREON REFERENCES NAVD83.
 - WETLANDS DELINEATION WAS CONDUCTED BY NATURAL RESOURCE SERVICES, INC IN JULY 2015 AND FIELD LOCATED BY NEC.
 - 2014 AERIAL PHOTOGRAPHY IMAGES DOWNLOADED FROM USGS HIGH RESOLUTION ORTHOIMAGERY FOR PROVIDENCE, RI.
 - GRAVEL AREAS DELINEATED BASED ON AERIAL IMAGES.
 - UTILITY POLES IN OXFORD ROAD SUPPLEMENTED BY SKETCH OF FIELD OBSERVATION PROVIDED BY ENERGY DEVELOPMENT PARTNERS DATED OCTOBER 27, 2015 AND SHALL BE CONSIDERED APPROXIMATE.
 - ADJACENT PROPERTY LINES PROVIDED PER RIGIS DATA AND SHALL BE CONSIDERED APPROXIMATE.



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ALAN A. BENEVIDES
 No. 6370
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

RESPONSE TO RIBEL COMMENTS	DATE	CHECKED BY: DLC
1	11/10/15	DESIGNED BY: BOM/AA
REV		DRAWN BY: BOM

EXISTING CONDITIONS

APPLICANT: NORTH SMITHFIELD SOLAR 1, LLC
 C/O ENERGY DEVELOPMENT PARTNERS
 51 INDUSTRIAL DRIVE
 NORTH SMITHFIELD, RI 02896

LAND OWNER: LANDFILL RESOURCE RECOVERY, INC.
 215 CEDAR STREET
 WARWICK, RI 02818

JOB NO.: 228792
 DATE: AUGUST 2015
 SCALE: 1"=60'
 SHEET: 2 OF 7

C-100

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ALAN A. BENEVIDES
No. 6370
Professional Engineer
Civil

1	RESPONSE TO IDEM COMMENTS	11/10/15	DATE
DESIGNED BY:	BCM / AA	CHECKED BY:	DLC
DRAWN BY:	BCM		228792 10X.DWG

RADIUS PLAN

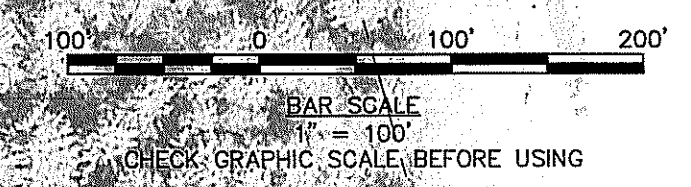
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF ADMINISTRATION
FRESHWATER DIVISION
APPLICANT'S PROJECT NAME
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED 11/09/15 PER 15-0200
NO CHANGES ALLOWED WITHOUT WRITTEN APPROVAL FROM APPROVED PLANS NESTLE AREA PROTECTION SITE

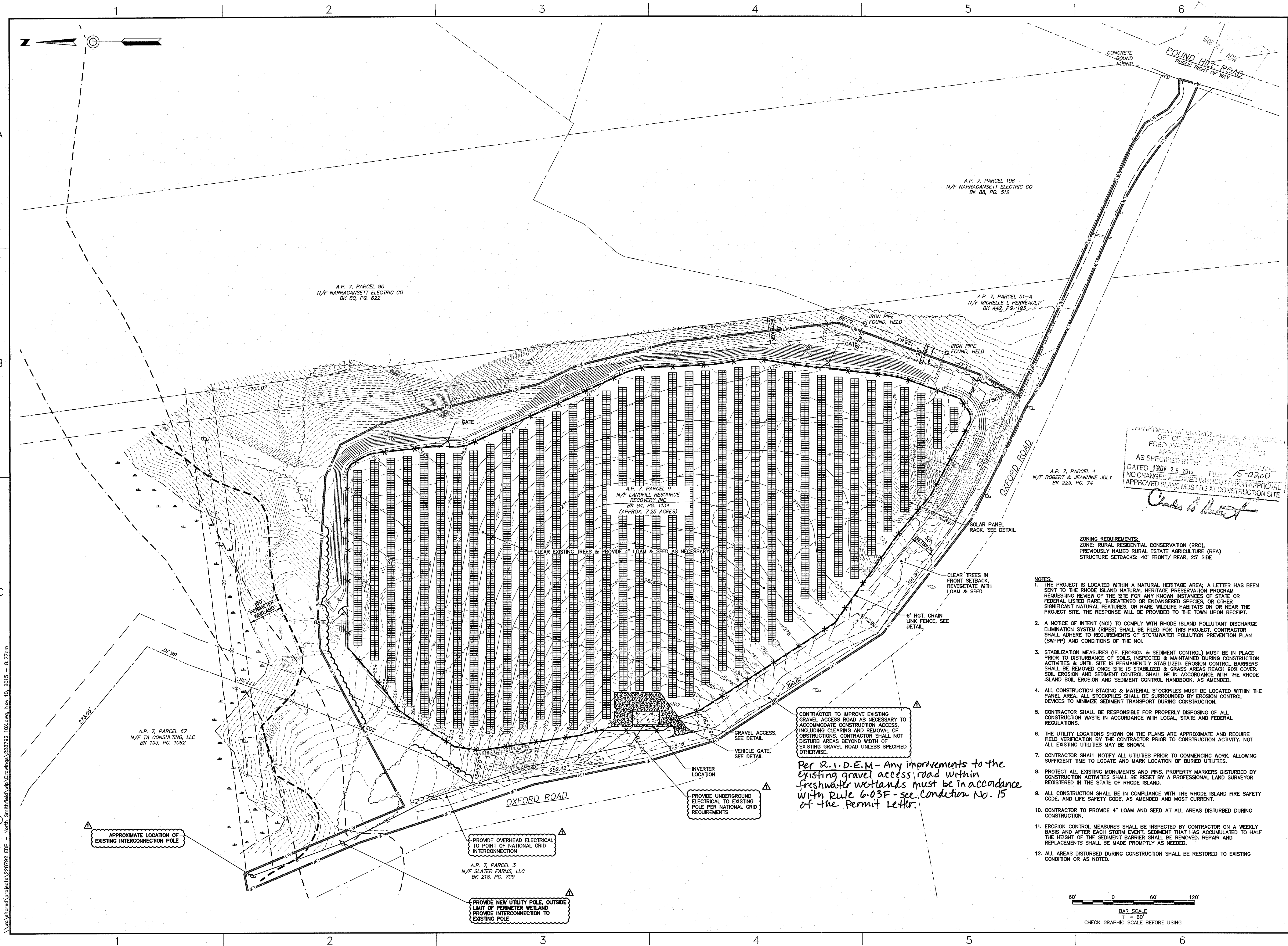
APPLICANT: NORTH SMITHFIELD SOLAR 1, LLC
C/O ENERGY DEVELOPMENT PARTNERS
51 INDUSTRIAL DRIVE
NORTH SMITHFIELD, RI 02896

LAND OWNER: LANDFILL RESOURCE RECOVERY, INC.
215 CEDAR STREET
WARWICK, RI 02818

JOB NO.: 228792
DATE: AUGUST 2015
SCALE: 1"=100'
SHEET: 3 OF 7

C-101





A.P. 7, PARCEL 90
N/F NARRAGANSETT ELECTRIC CO
BK 80, PG. 622

A.P. 7, PARCEL 106
N/F NARRAGANSETT ELECTRIC CO
BK 88, PG. 512

A.P. 7, PARCEL 51-A
N/F MICHELLE L. PERREAULT
BK 442, PG. 193

A.P. 7, PARCEL 9
N/F LANDFILL RESOURCE
RECOVERY INC.
BK 84, PG. 1134
(APPROX. 7.25 ACRES)

A.P. 7, PARCEL 4
N/F ROBERT & JEANNINE JOLY
BK 229, PG. 74

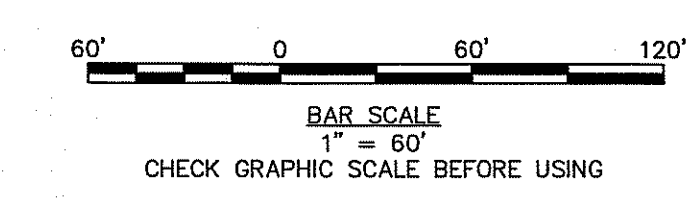
A.P. 7, PARCEL 67
N/F TA CONSULTING, LLC
BK 183, PG. 1062

A.P. 7, PARCEL 3
N/F SLATER FARMS, LLC
BK 218, PG. 709

APPROVED FOR CONSTRUCTION
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS
APPROPRIATE PERMIT
AS SPECIFIED BY THE PERMIT
DATED 11/07/15 FILE # 15-0200
NO CHANGES ALLOWED WITHOUT PERMIT APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Charles H. Hest

ZONING REQUIREMENTS:
ZONE: RURAL RESIDENTIAL CONSERVATION (RRC),
PREVIOUSLY NAMED RURAL ESTATE AGRICULTURE (REA)
STRUCTURE SETBACKS: 40' FRONT/ REAR, 25' SIDE

- NOTES:
1. THE PROJECT IS LOCATED WITHIN A NATURAL HERITAGE AREA; A LETTER HAS BEEN SENT TO THE RHODE ISLAND NATURAL HERITAGE PRESERVATION PROGRAM REQUESTING REVIEW OF THE SITE FOR ANY KNOWN INSTANCES OF STATE OR FEDERAL LISTED RARE, THREATENED OR ENDANGERED SPECIES, OR OTHER SIGNIFICANT NATURAL FEATURES, OR RARE WILDLIFE HABITATS ON OR NEAR THE PROJECT SITE. THE RESPONSE WILL BE PROVIDED TO THE TOWN UPON RECEIPT.
 2. A NOTICE OF INTENT (NOI) TO COMPLY WITH RHODE ISLAND POLLUTANT DISCHARGE ELIMINATION SYSTEM (RPES) SHALL BE FILED FOR THIS PROJECT. CONTRACTOR SHALL ADHERE TO REQUIREMENTS OF STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND CONDITIONS OF THE NOI.
 3. STABILIZATION MEASURES (IE. EROSION & SEDIMENT CONTROL) MUST BE IN PLACE PRIOR TO DISTURBANCE OF SOILS, INSPECTED & MAINTAINED DURING CONSTRUCTION ACTIVITIES & UNTIL SITE IS PERMANENTLY STABILIZED. EROSION CONTROL BARRIERS SHALL BE REMOVED ONCE SITE IS STABILIZED & GRASS AREAS REACH 80% COVER. SOIL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, AS AMENDED.
 4. ALL CONSTRUCTION STAGING & MATERIAL STOCKPILES MUST BE LOCATED WITHIN THE PANEL AREA. ALL STOCKPILES SHALL BE SURROUNDED BY EROSION CONTROL DEVICES TO MINIMIZE SEDIMENT TRANSPORT DURING CONSTRUCTION.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY DISPOSING OF ALL CONSTRUCTION WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
 6. THE UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION BY THE CONTRACTOR PRIOR TO CONSTRUCTION ACTIVITY. NOT ALL EXISTING UTILITIES MAY BE SHOWN.
 7. CONTRACTOR SHALL NOTIFY ALL UTILITIES PRIOR TO COMMENCING WORK, ALLOWING SUFFICIENT TIME TO LOCATE AND MARK LOCATION OF BURIED UTILITIES.
 8. PROTECT ALL EXISTING MONUMENTS AND PINS. PROPERTY MARKERS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF RHODE ISLAND.
 9. ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE RHODE ISLAND FIRE SAFETY CODE, AND LIFE SAFETY CODE, AS AMENDED AND MOST CURRENT.
 10. CONTRACTOR TO PROVIDE 4" LOAM AND SEED AT ALL AREAS DISTURBED DURING CONSTRUCTION.
 11. EROSION CONTROL MEASURES SHALL BE INSPECTED BY CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM EVENT. SEDIMENT THAT HAS ACCUMULATED TO HALF THE HEIGHT OF THE SEDIMENT BARRIER SHALL BE REMOVED. REPAIR AND REPLACEMENTS SHALL BE MADE PROMPTLY AS NEEDED.
 12. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION OR AS NOTED.



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ALAN A. BENEVIDES
No. 6370
REGISTERED PROFESSIONAL ENGINEER
CIVIL

REV	DESCRIPTION	DATE
1	RESPONSE TO RIEM COMMENTS	11/10/15

DESIGNED BY: BCM / AA
CHECKED BY: DLG
DRAWN BY: BCM
228792.00/06

SITE PLAN

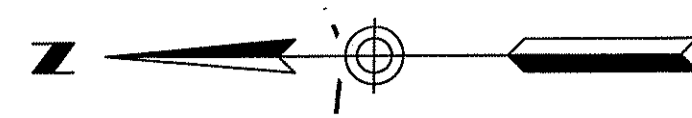
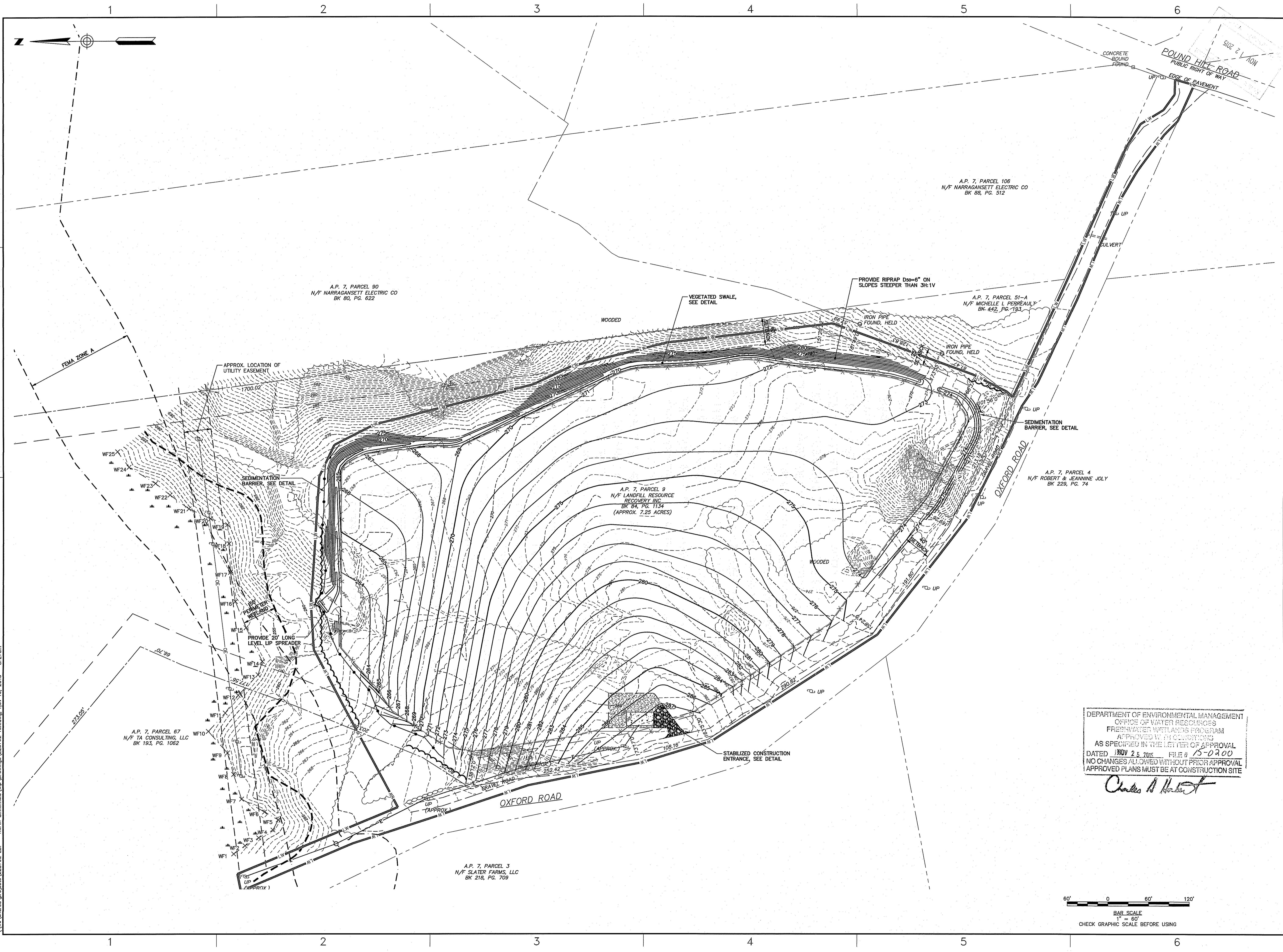
APPLICANT: NORTH SMITHFIELD
SOLAR 1, LLC
C/O ENERGY DEVELOPMENT PARTNERS
51 INDUSTRIAL DRIVE
NORTH SMITHFIELD, RI 02886

LAND OWNER: LANDFILL RESOURCE RECOVERY, INC.
1 WEDDAPART DRIVE
WARWICK, RI 02881

JOB NO.: 228792
DATE: AUGUST 2015
SCALE: 1" = 60'
SHEET: 4 OF 7

C-102

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ALAN A. BENEVIDES
 No. 6370
 REGISTERED PROFESSIONAL CIVIL ENGINEER

REV	DESCRIPTION	DATE
1	RESPONSE TO RIEM COMMENTS	11/10/15

CHECKED BY: D.L.C.
 28992 10/06
 DRAWN BY: BCM

GRADING & EROSION CONTROL PLAN

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED 10/07/15 FILE # 15-0300
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

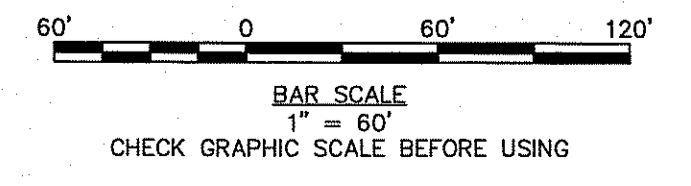
Charles A. Hester

APPLICANT: NORTH SMITHFIELD SOLAR 1, LLC
 C/O ENERGY DEVELOPMENT PARTNERS
 51 INDUSTRIAL DRIVE
 NORTH SMITHFIELD, RI 02895

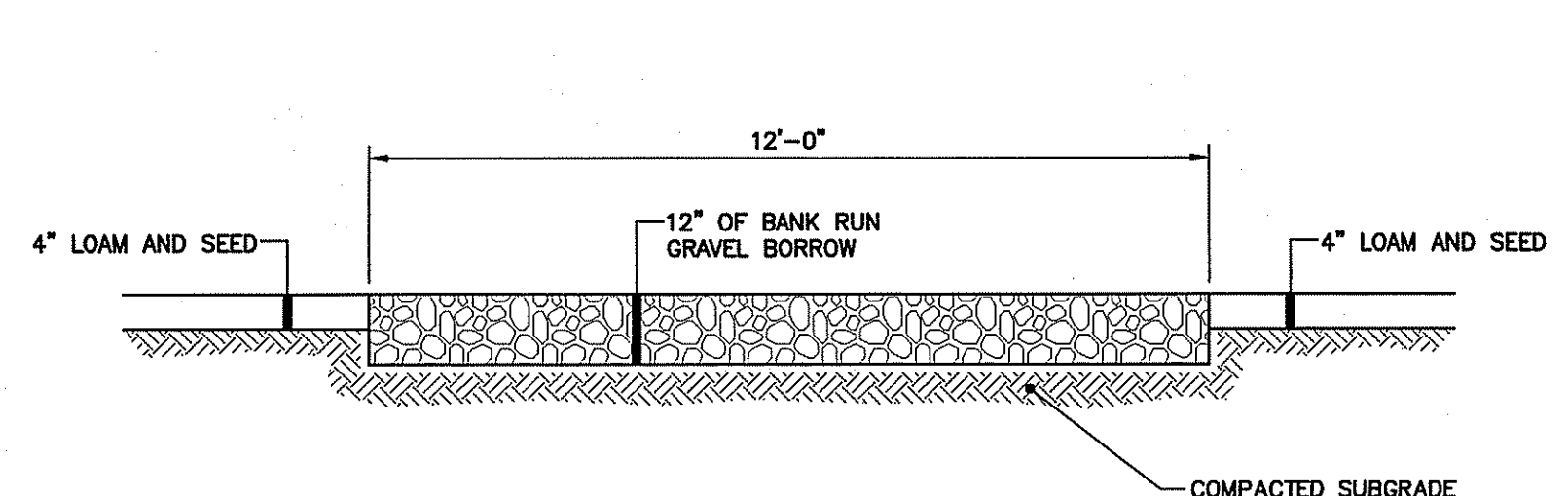
LAND OWNER: LANDFILL RESOURCE RECOVERY, INC.
 215 CEDARS STREET
 WARWICK, RI 02818

JOB NO.: 228792
 DATE: AUGUST 2015
 SCALE: 1"=60'
 SHEET: 5 OF 7

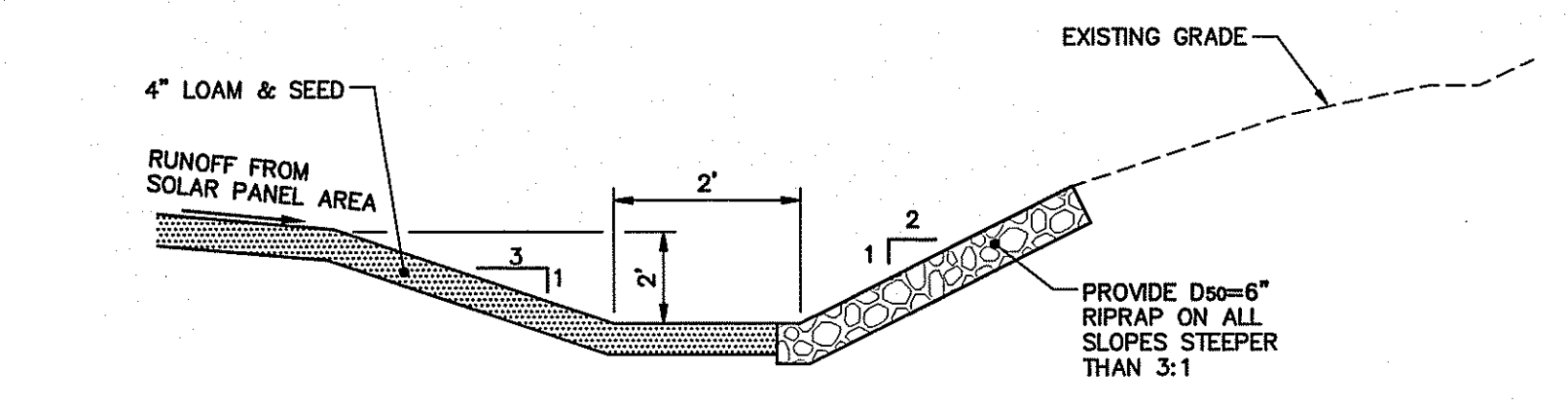
C-103



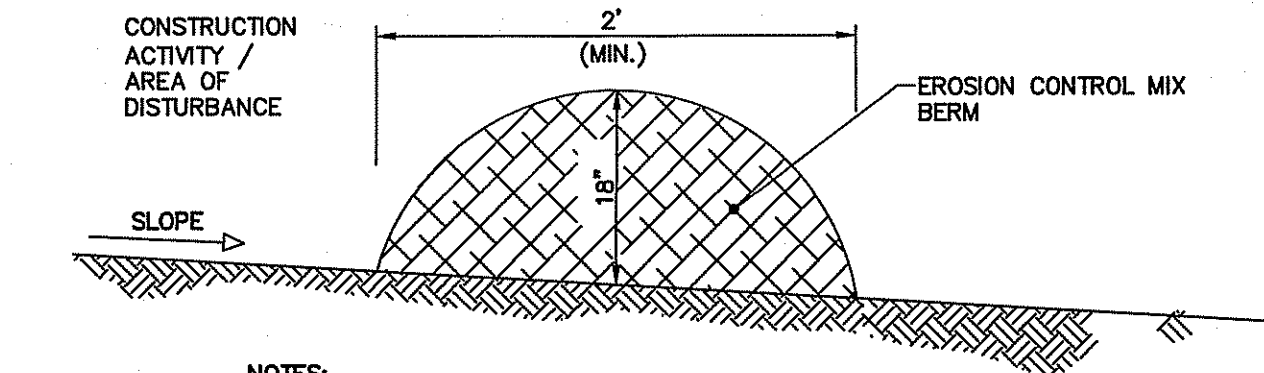
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GRAVEL ACCESS DETAIL
N.T.S.



VEGETATED SWALE
N.T.S.

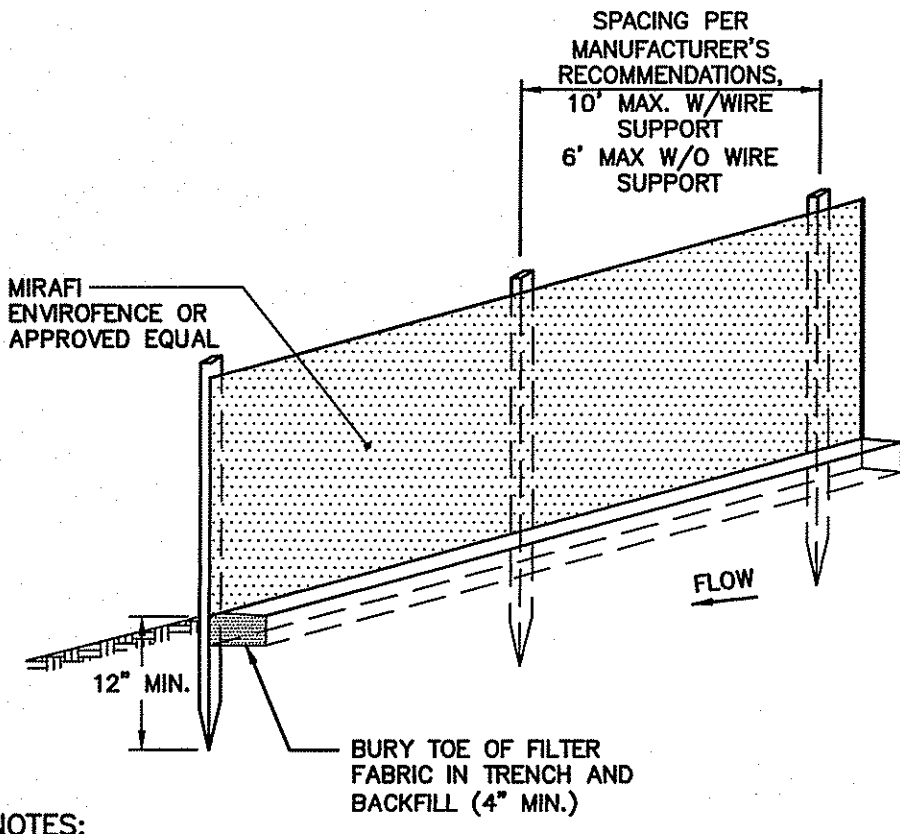


NOTES:
EROSION CONTROL MIX BERM MUST CONSIST PRIMARILY OF ORGANIC MATERIAL AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR ACCEPTABLE MANUFACTURED PRODUCTS. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS OR REPROCESSED WOOD PRODUCTS WILL NOT BE ACCEPTABLE AS THE ORGANIC COMPONENT OF THE MIX.

COMPOSITION:
EROSION CONTROL MIX SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH. THE MIX COMPOSITION SHALL MEET THE FOLLOWING STANDARDS:

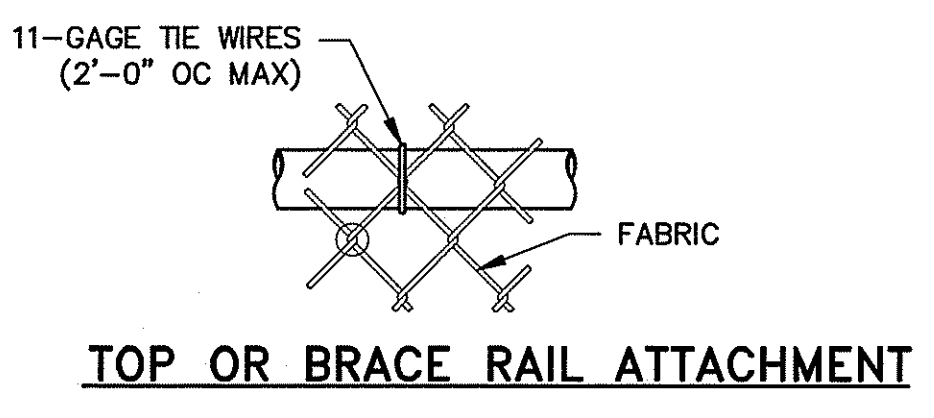
- THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 80 AND 100% DRY WEIGHT BASIS.
- PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MINIMUM OF 70% MAXIMUM OF 85% PASSING A 0.75" SCREEN.
- THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
- LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- SOLUBLE SALTS CONTENT SHALL BE < 4.0 MMHOS/CM.
- THE PH SHOULD FALL BETWEEN 5.0 AND 8.0.

SEDIMENT BARRIER - EROSION CONTROL MIX BERM
N.T.S.

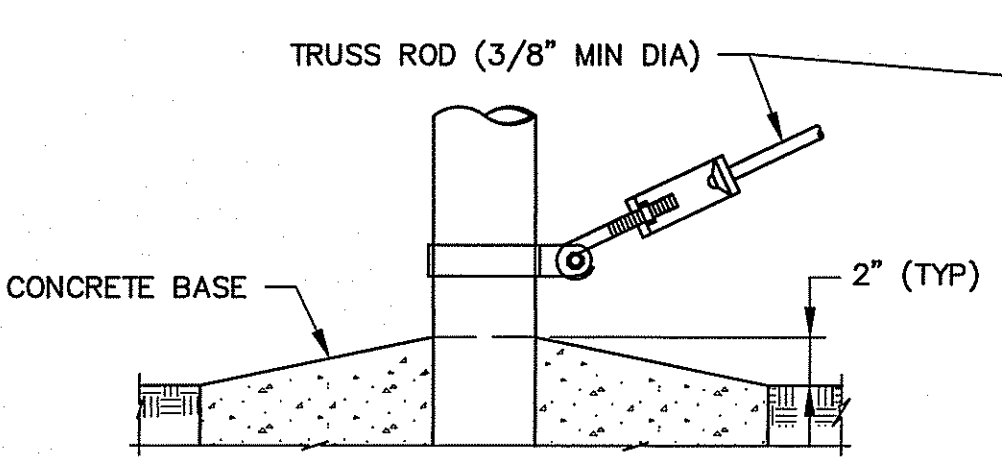


- NOTES:**
- INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS
 - INSTALL SILT FENCE ACROSS SLOPES
 - SILT FENCE SHALL NOT BE USED IN DRAINAGE WAYS

SEDIMENT BARRIER - SILTATION FENCE DETAIL
N.T.S.



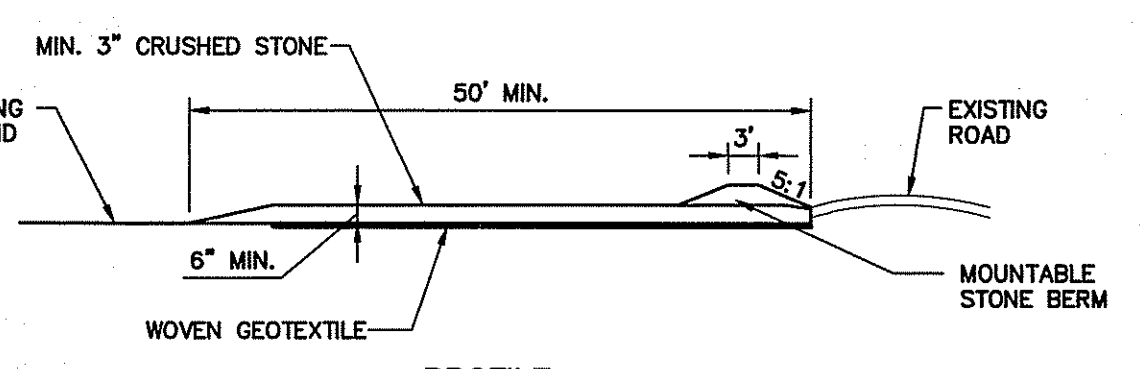
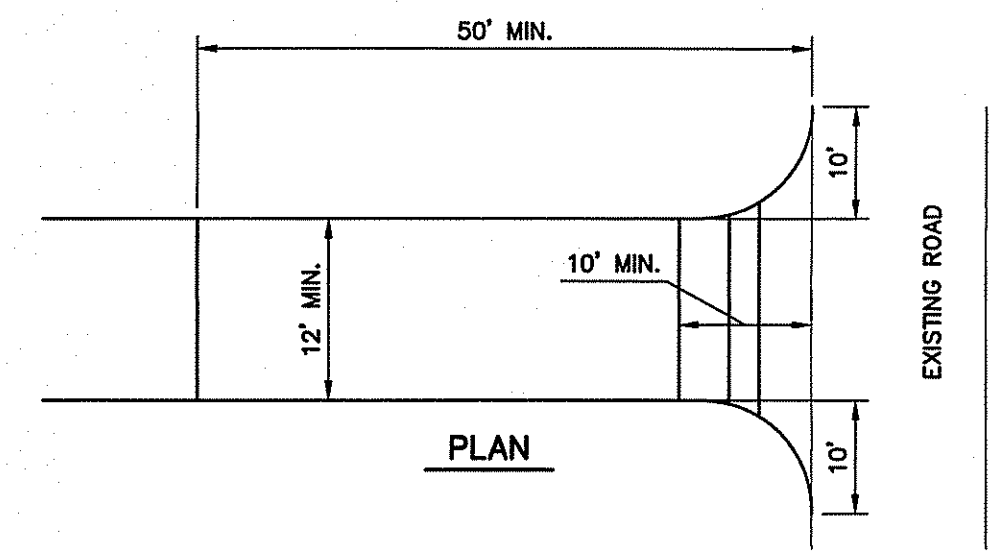
TOP OR BRACE RAIL ATTACHMENT



TRUSS ROD AND BAND

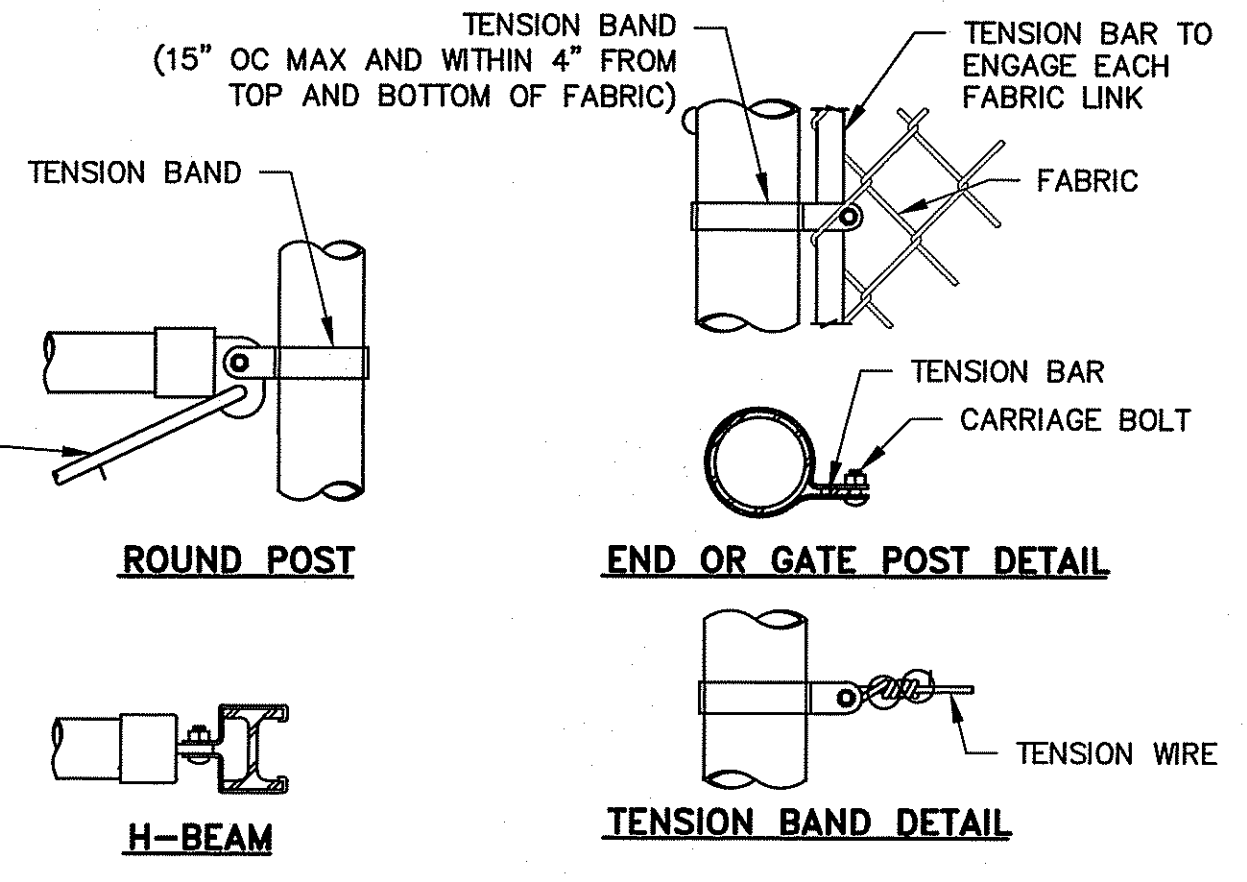
STEEL POST SCHEDULE	
USE AND SECTION	MINIMUM OUTSIDE DIMENSIONS (NOMINAL)
CORNER, END & PULL POSTS TUBULAR - ROUND	2.875" O.D.
LINE POSTS TUBULAR - ROUND	2.375" O.D.
TOP & BRACE RAILS TUBULAR - ROUND	1.66" O.D.

- NOTES:**
1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION.
 2. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE OPPOSITE SIDE OF THE SECURE AREA.

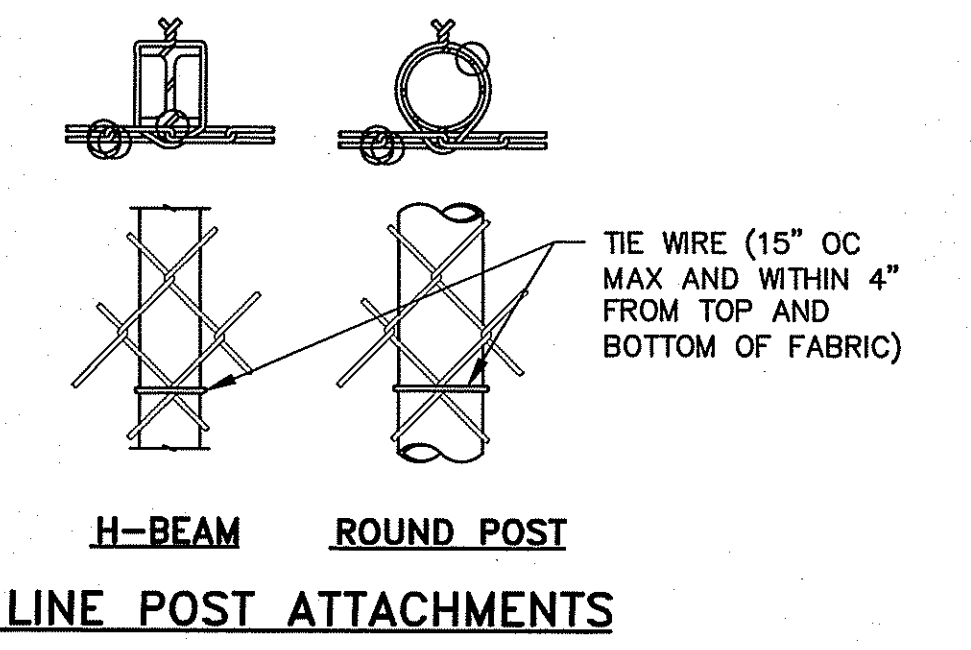


- NOTES:**
- CONSTRUCTION ENTRANCES MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
 - WHEEL WASH PITS MAY ALSO BE USED, IF APPROVED.
- MAINTENANCE:** INSPECT FOR EFFECTIVE REMOVAL OF SOIL FROM VEHICLES PRIOR TO LEAVING THE SITE. SWEEP ANY SOIL FROM ADJACENT ROADWAYS.
- REMOVAL:** AT LEAST ONE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL ALL AREAS OF THE SITE ARE STABILIZED.

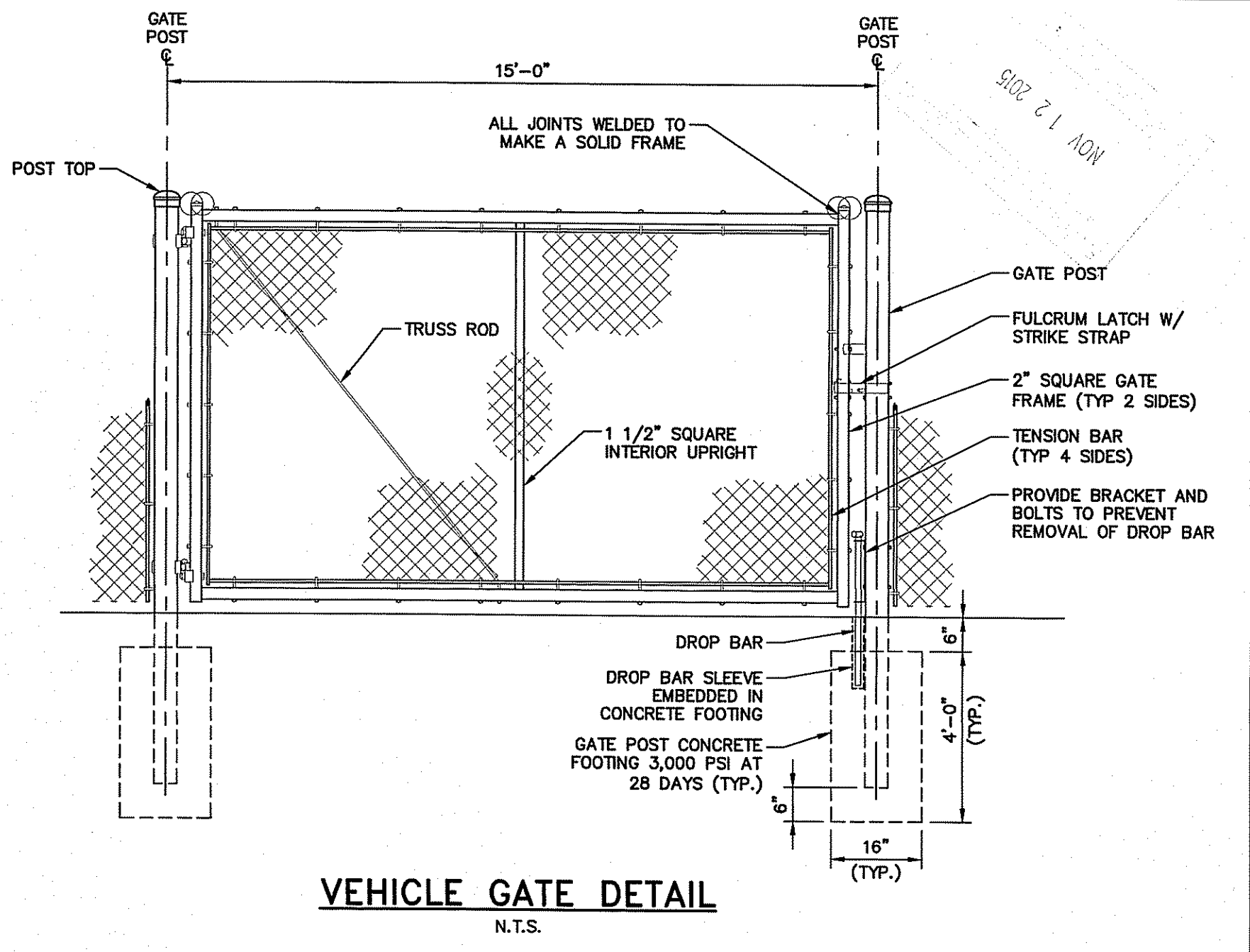
STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.



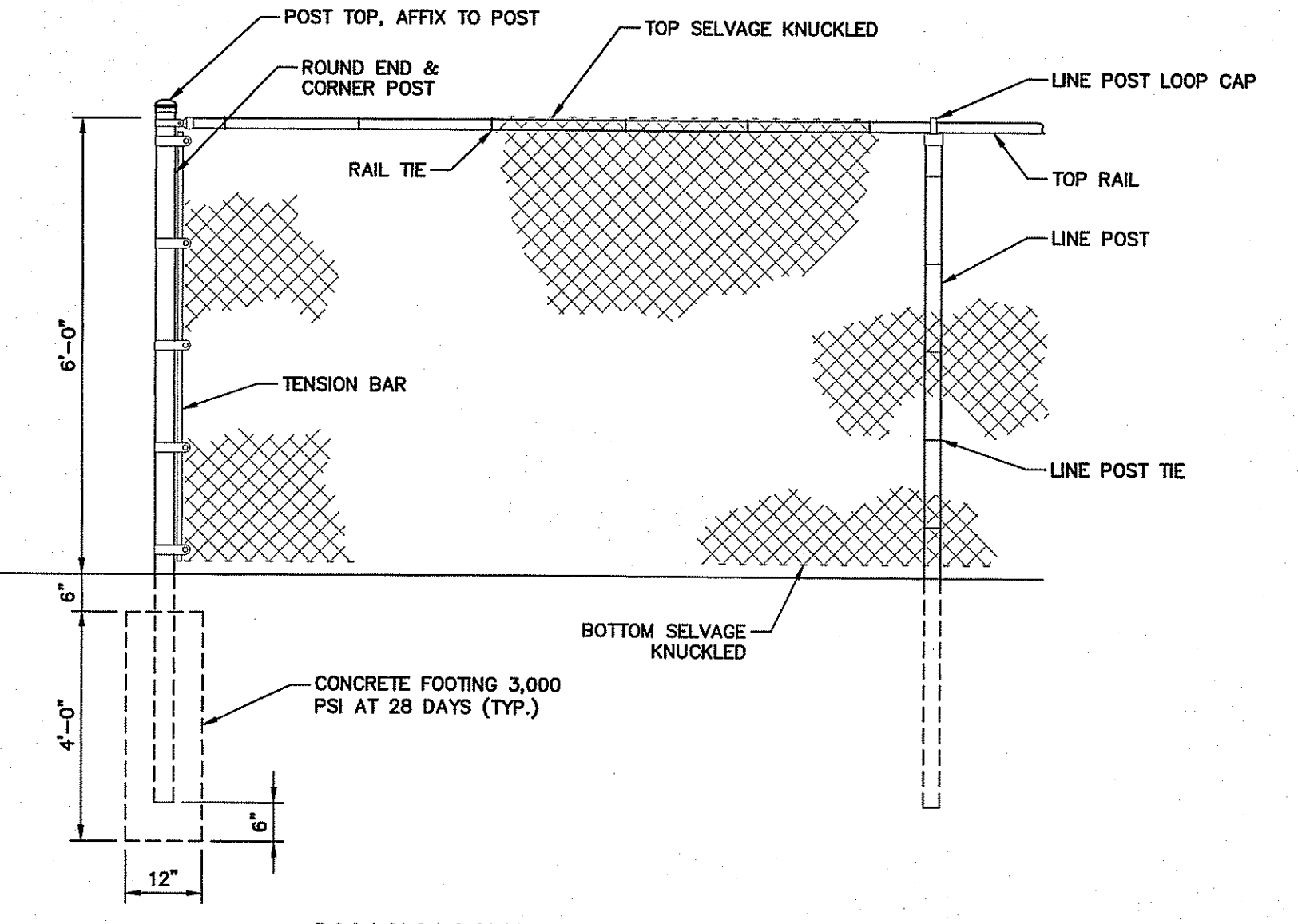
BRACE RAIL CLAMP DETAILS



LINE POST ATTACHMENTS



VEHICLE GATE DETAIL
N.T.S.



CHAIN LINK FENCE DETAIL
N.T.S.

EROSION & SEDIMENTATION CONTROL NOTES

1. PROVIDE EROSION AND SEDIMENTATION CONTROL BMP'S PER RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK, AS AMENDED.
2. PHYSICAL MARKERS SUCH AS TAPE, SIGNS, OR ORANGE CONSTRUCTION FENCE SHALL BE UTILIZED TO MARK THE LIMITS OF NO LAND DISTURBANCE ON THE SITE; MARKERS SHALL BE INSPECTED DAILY.
3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICES.
4. SEDIMENT SHALL BE REMOVED ONCE THE VOLUME REACHES HALF THE HEIGHT OF THE SEDIMENT BARRIER, OR ONCE THE BARRIER SHOWS SIGNS OF FAILURE.
5. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROLS WHEN STORAGE CAPACITY HAS BEEN REDUCED BY AT LEAST 50 PERCENT.
6. OFF-SITE TRANSPORT OF SEDIMENT, INCLUDING OFF-SITE VEHICLE TRACKING, SHALL BE PREVENTED.
7. DUST AND DEBRIS SHALL BE CONTROLLED AT THE SITE.
8. SOIL STOCKPILES SHALL BE STABILIZED OR COVERED AT THE END OF EACH WORKDAY. STOCKPILE SIDE SLOPES SHALL NOT BE GREATER THAN 2:1. ALL STOCKPILES SHALL BE SURROUNDED BY SEDIMENT CONTROLS.
9. DISCHARGES OF WASTEWATER FROM WASHOUT OF CONCRETE, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS; FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING ARE PROHIBITED ON THE CONSTRUCTION SITE.
10. STABILIZATION MEASURES SHALL BE IMPLEMENTED ON DISTURBED AREAS AS SOON AS PRACTICABLE, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED. DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF REMOVAL.
11. PERMANENT SEEDING SHALL BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM AUGUST TO OCTOBER 15.
12. THE SEQUENCE AND TIMING OF ACTIVITIES SHALL BE AS FOLLOWS:
 - a. MARK LIMITS OF NO LAND DISTURBANCE ON THE SITE WITH TAPE, SIGNS, OR ORANGE CONSTRUCTION FENCE
 - b. INSTALL EROSION AND SEDIMENT CONTROL MEASURES
 - c. INSTALL SOLAR PHOTOVOLTAIC ARRAY AND ASSOCIATED INTERCONNECTION SYSTEM
 - d. STABILIZE SITE
 - e. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES
13. THE CONTRACTOR SHALL CONDUCT INSPECTIONS AT LEAST ON A 7 DAY INTERVAL AND WITHIN 24 HOURS AFTER ANY RAINFALL EVENT OF 0.25" OR MORE.
14. DURING CONSTRUCTION, THE INSTALLATION, MAINTENANCE AND OPERATION OF EROSION CONTROL MEASURES SHALL BE SUBJECT TO INSPECTION AND ENFORCEMENT BY THE TOWN OF NORTH SMITHFIELD AND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, OFFICE OF WATER RESOURCES, APPROVED AS SPECIFIED IN THE PERMITS.

DRAINAGE OPERATIONS AND MAINTENANCE PLAN:

THE SOLAR DEVELOPER WILL PROVIDE MAINTENANCE OF THE SITE'S DRAINAGE, AS SPECIFIED BELOW:

SWALES: INSPECT SWALES THE FIRST MONTH AFTER CONSTRUCTION AND ONCE PER YEAR THEREAFTER TO CONFIRM VEGETATION IS ADEQUATE TO ENSURE SLOPES ARE NOT ERODING, AND TO CHECK FOR SIGNS OF RILLING AND GULLING. RE-VEGETATE AS NEEDED AND REPAIR ANY ERODED AREAS, RILLS, OR GULLIES. REGULAR MAINTENANCE INCLUDES PRUNING, WEED AND PEST CONTROL. MANUALLY REMOVE DEBRIS SEDIMENT AND 6-INCHES OF DEPTH OR GREATER. PERIODICALLY RE-SEED, IF NECESSARY, TO MAINTAIN A DENSE GROWTH OF VEGETATION.

GRASS GROWTH AT SOLAR PANELS: INSPECT PANEL AREA THE FIRST MONTH AFTER CONSTRUCTION AND ONCE PER YEAR THEREAFTER TO CONFIRM VEGETATION IS ADEQUATE TO ENSURE SLOPES ARE NOT ERODING, AND TO CHECK FOR SIGNS OF RILLING AND GULLING. REPAIR ANY AREAS OF EROSION IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK.

95 Cedar Street, Suite 100
Providence, Rhode Island 02903
800.365.7897 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

ALAN A. BENEVIDES
Professional Engineer
No. 6370
11/10/15
1 RESPONSE TO RIDEM COMMENTS
DESIGNED BY: BCM / AA
CHECKED BY: DLC
2889Z DOWLING
DRAWN BY: BCM

NOV 25 2015 15:00

DETAILS - 1

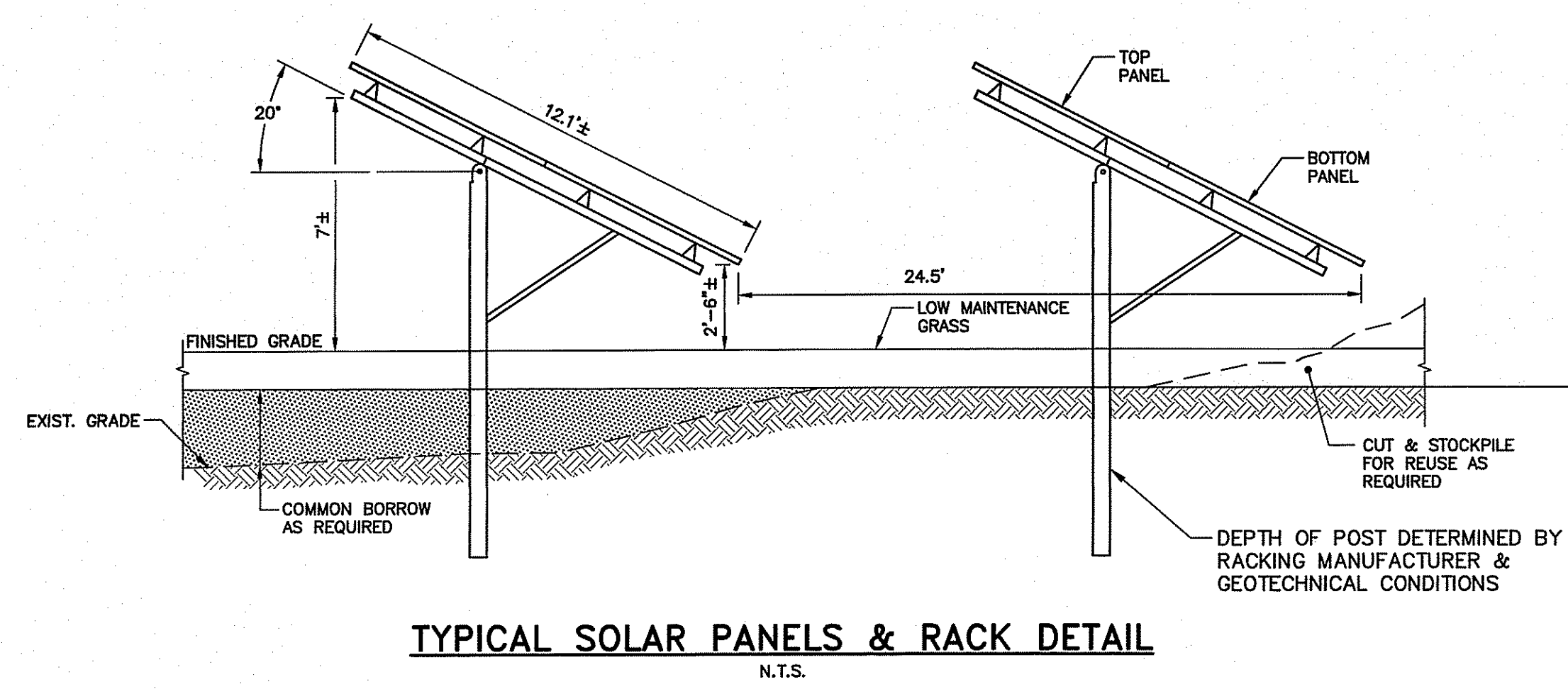
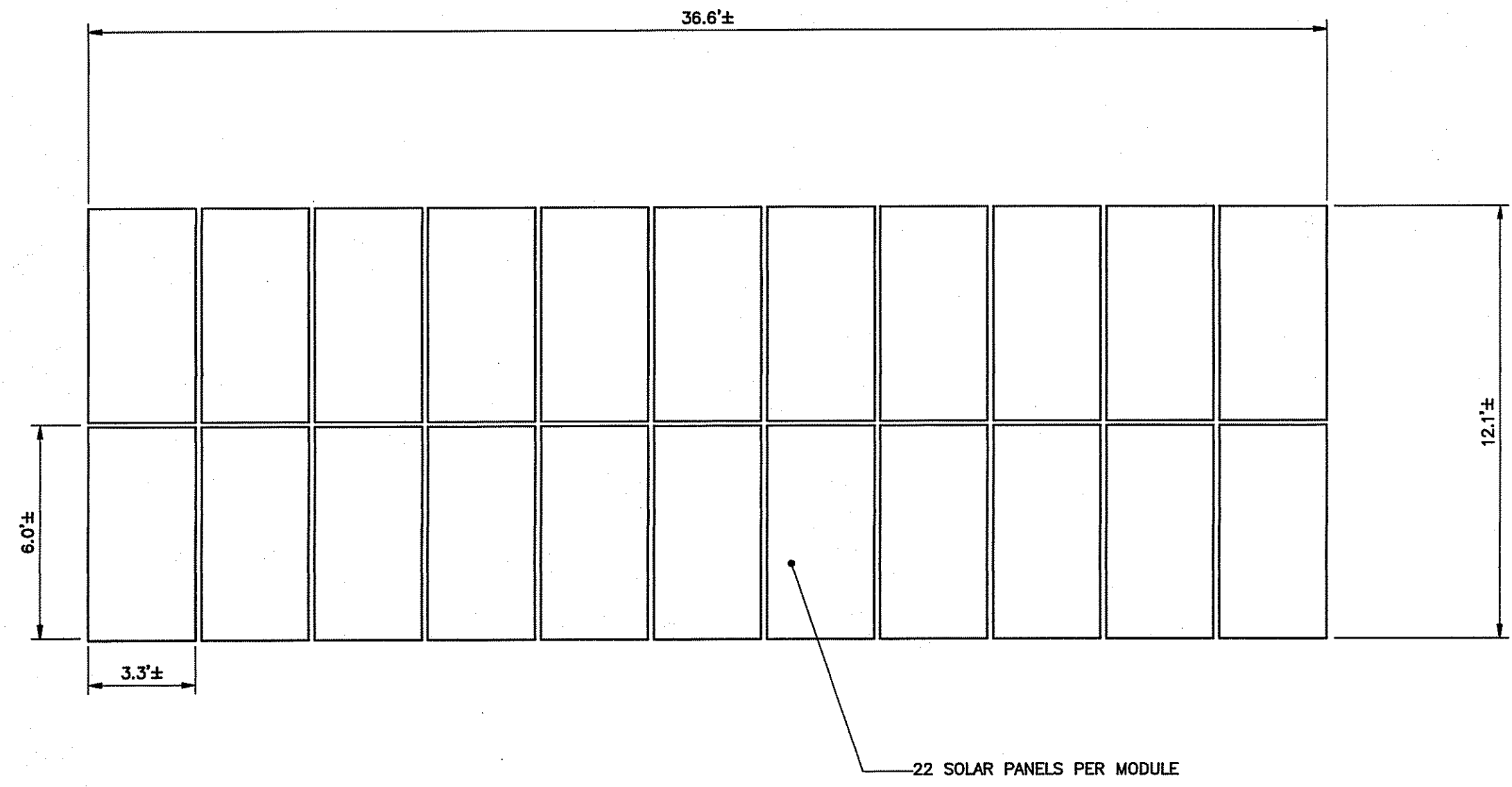
APPLICANT: NORTH SMITHFIELD SOLAR 1, LLC
C/O ENERGY DEVELOPMENT PARTNERS
51 INDUSTRIAL DRIVE
NORTH SMITHFIELD, RI 02896

LAND OWNER: LANDFILL RESOURCE RECOVERY, INC.
215 CEDAR STREET
WARWICK, RI 02818

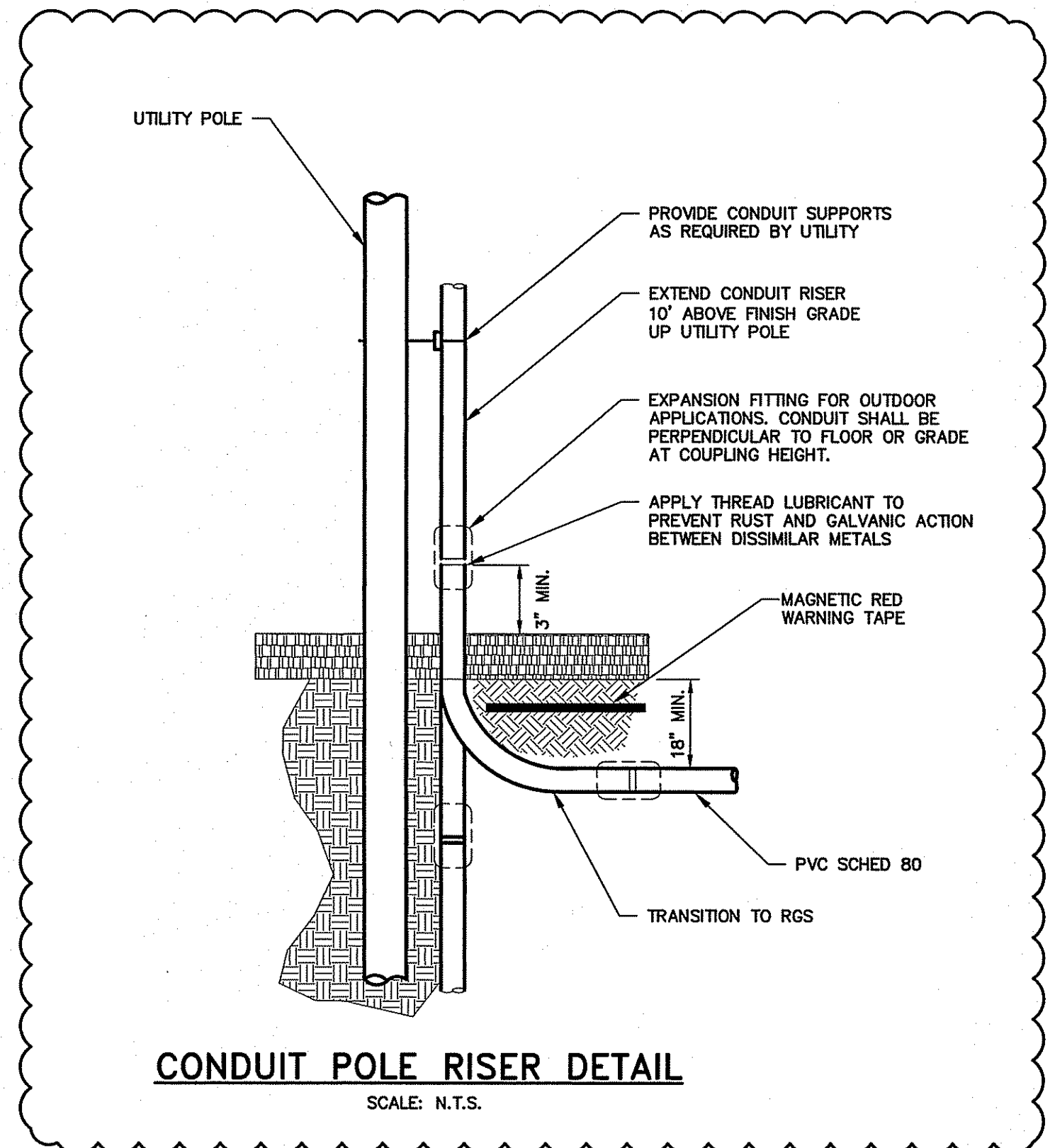
JOB NO.: 228792
DATE: AUGUST 2015
SCALE: AS NOTED
SHEET: 6 OF 7

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TYPICAL SOLAR PANELS & RACK DETAIL



CONDUIT POLE RISER DETAIL

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ALAN A. BENEVIDES
No. 6370
REGISTERED PROFESSIONAL ENGINEER
CIVIL

DESIGNED BY:	BOB/AA	CHECKED BY:	DLC
DRAWN BY:	BOB	DATE:	11/10/15
REVISION:	1	DESCRIPTION:	RESPONSE TO RDEM COMMENTS

DETAILS - 2

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WATER RESOURCES DIVISION
APPROVED WITH COMMENTS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 25 2015 FILE # 15-0200
NO CHANGES ALLOWED WITHOUT PREVIOUS APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. H...

APPLICANT: NORTH SMITHFIELD SOLAR 1, LLC
C/O ENERGY DEVELOPMENT PARTNERS
51 INDUSTRIAL DRIVE
NORTH SMITHFIELD, RI 02896

LAND OWNER: LANDFILL RESOURCE RECOVERY, INC.
215 CEDAR STREET
WARWICK, RI 02818

JOB NO.: 228792
DATE: AUGUST 2015
SCALE: AS NOTED
SHEET: 7 OF 7

D-201

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