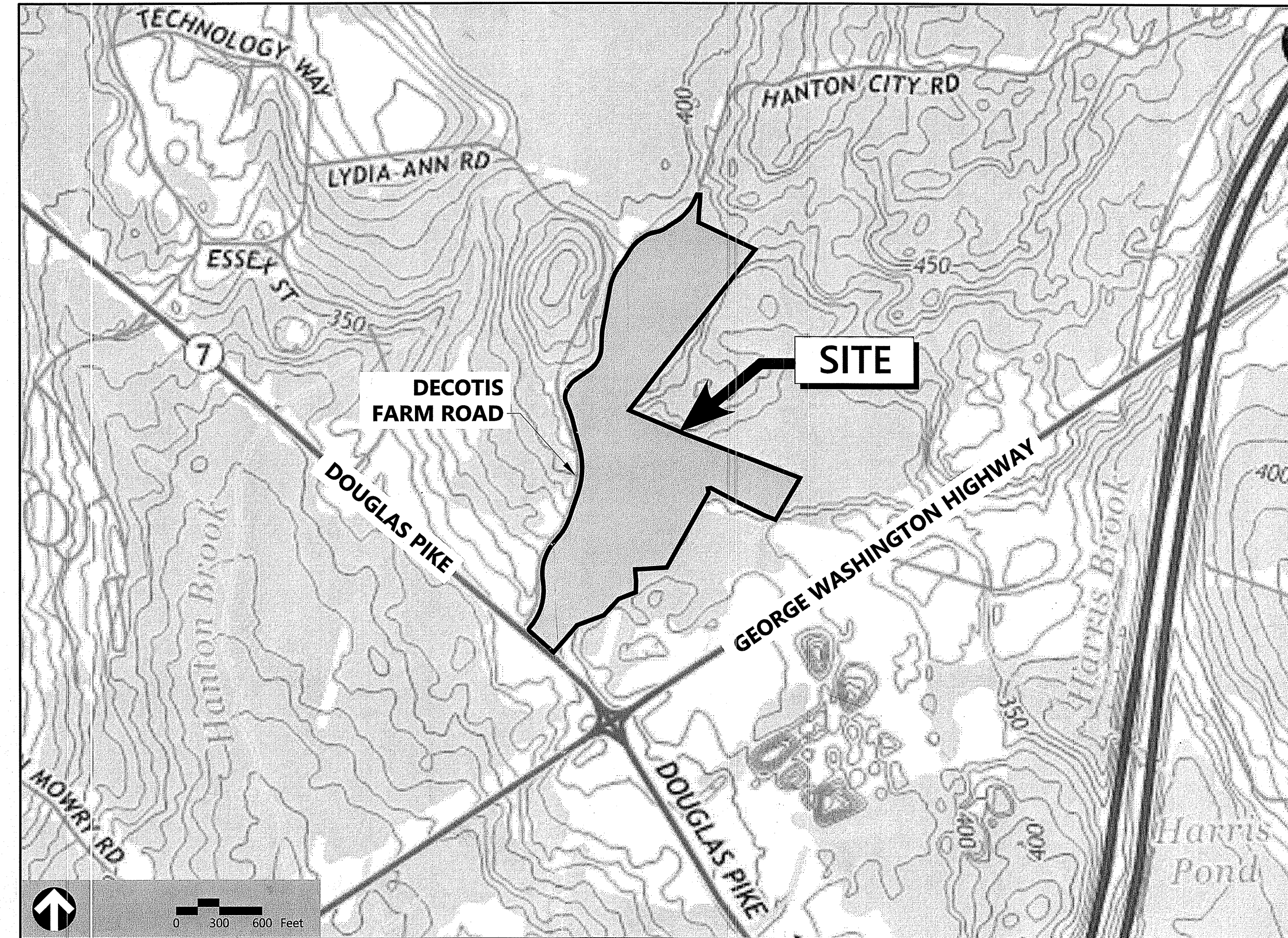


# Site Plans

Issued for Permits  
 Date Issued April 10, 2019  
 Latest Issue July 16, 2019

## Fidelity Solar Array

DeCotis Farm Road  
 Smithfield, Rhode Island



LOCATION MAP

**Assessor's Map: 49**  
**Lots: 102, 102A, 106A, 106B**

**Owner/Applicant:**

Rhode Island Economic Development Corp.  
 Fidelity Real Estate Company, LLC.  
 200 Seaport Blvd. - Z1L  
 Boston, Massachusetts 02210

**Assessor's Map: 49**  
**Lots: 98, 98A**

**Owner/Applicant:**

FMR Rhode Island Inc.  
 Fidelity Real Estate Company, LLC.  
 200 Seaport Blvd. - Z1L  
 Boston, Massachusetts 02210

**Prepared For:**

Fidelity Real Estate Company, LLC. / Devonshire Energy, LLC  
 200 Seaport Blvd. - Z1L  
 Boston, Massachusetts 02210

No.	Drawing Title	Latest Issue
C-1	Legend and General Notes	April 17, 2019
C-2	Layout, Materials, and Electrical Utility Plan	April 17, 2019
C-3	Grading and Drainage Plan	April 17, 2019
C-4	Site Details	July 16, 2019
SESC-1	Soil Erosion and Sediment Control Legend, General Notes, and Details	April 17, 2019
SESC-2	Soil Erosion and Sediment Control Site Plan	April 17, 2019
RAD-1	Radius Map	April 29, 2019

No.	Drawing Title	Latest Issue
PL-1	Property Line Plan	April 29, 2019
EX-1	Existing Conditions Plan	July 19, 2018
E-300	Groundmount Photovoltaic Array Electrical Details	July 12, 2019

vhb.com



Environmental Management  
 JUL 16 2019  
 Office of Water Resources

1 Cedar Street  
 Suite 400  
 Providence, RI 02903  
 401.272.8100

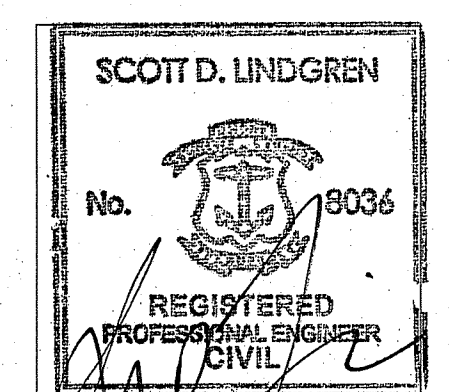
**Solar PV Design:**

Ameresco Inc.  
 111 Speen Street  
 Suite 410  
 Framingham, MA 01701  
 508-661-2200

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS  
 AS SPECIFIED BY THE LETTER OF APPROVAL  
 DATED AUG 07 2019 FILE # 19-0123  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Signature*

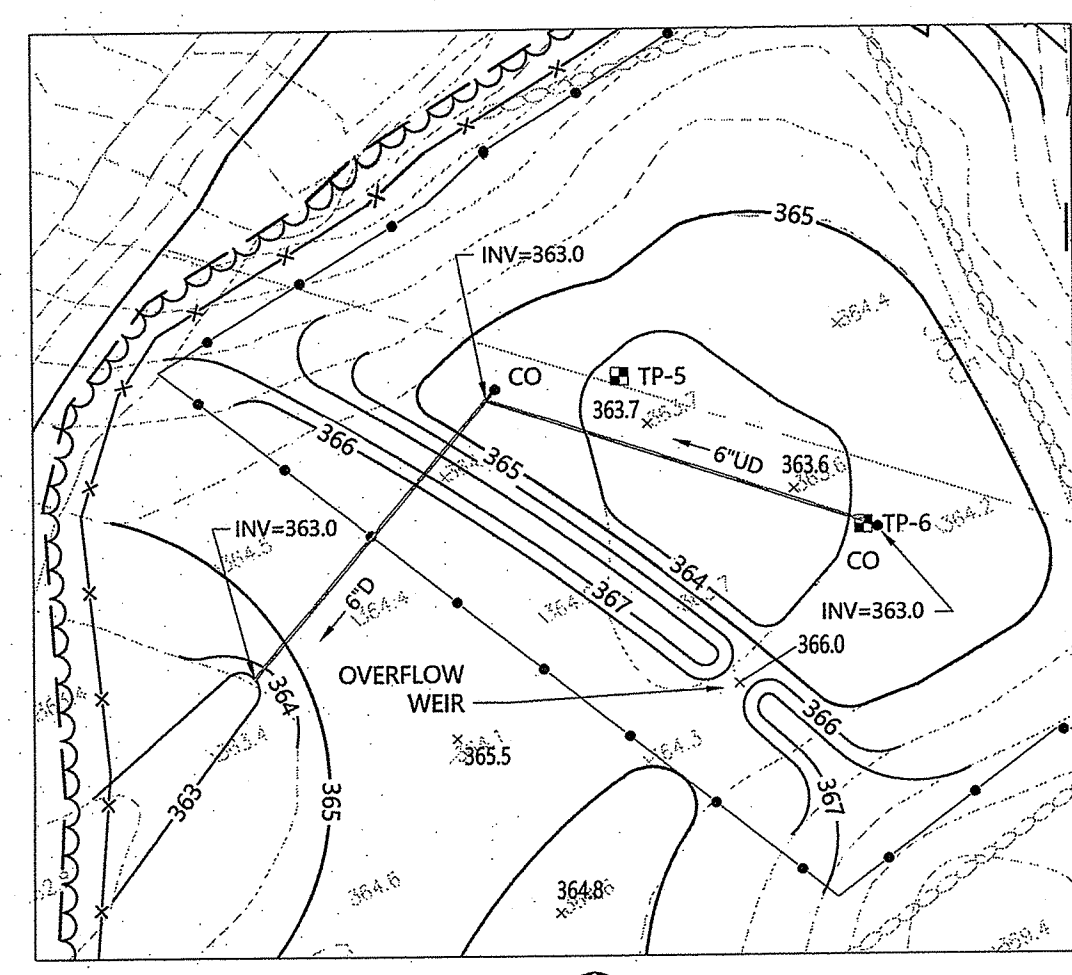
Environmental Management  
 JUL 16 2019  
 Office of Water Resources



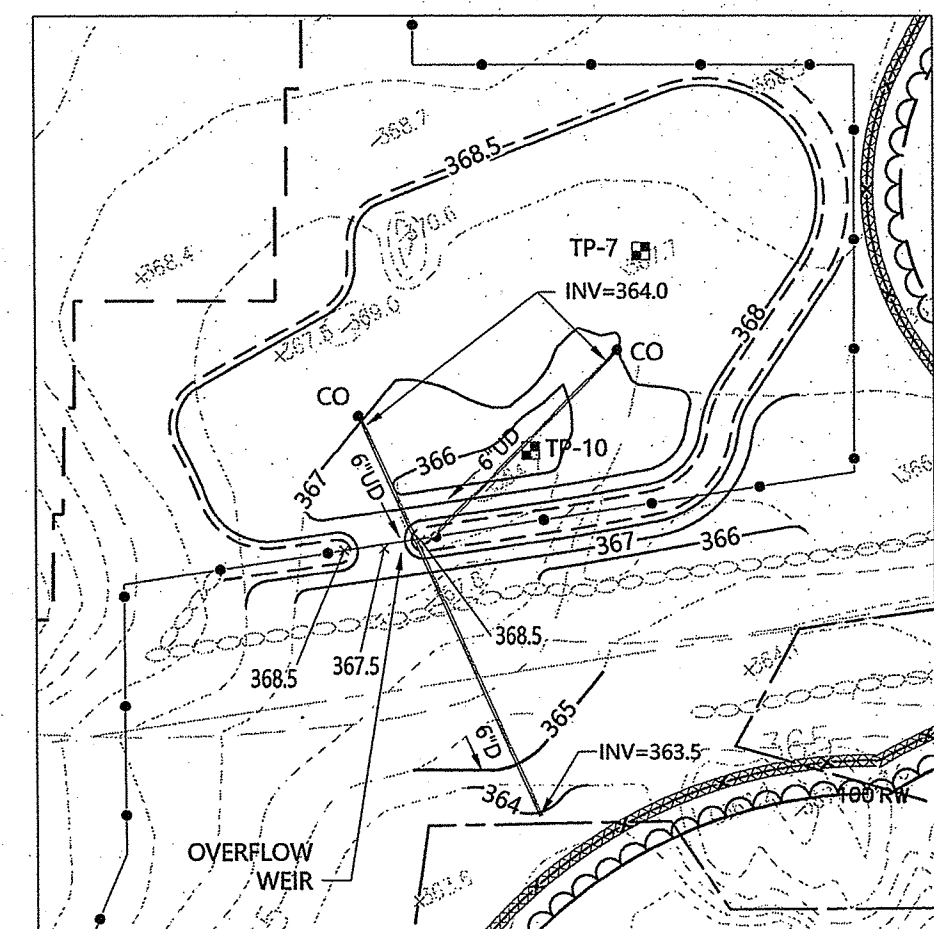




NOTE:  
1. MAINTAIN EXISTING GRADES WITHIN SOLAR ARRAY UNLESS OTHERWISE SHOWN.



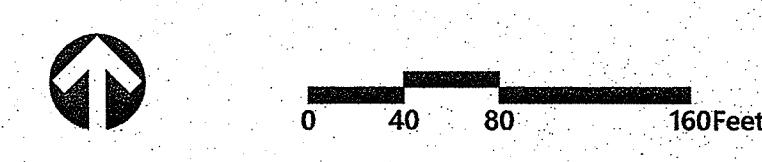
INSET 2  
(DETENTION BASIN DET-2)



INSET 1  
(DETENTION BASIN DET-1)

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED FOR CONSTRUCTION  
AS SPECIFIED IN PERMIT  
DATED AUG 07 2019  
NO CHANGES ALLOWED WITHOUT AN APPROVED PERMIT AMENDMENT BE AT CONSTRUCTION SITE  
19-0123  
*Signature*



Environmental Management  
JUL 16 2019  
Office of Water Resources

**Fidelity Solar Array**

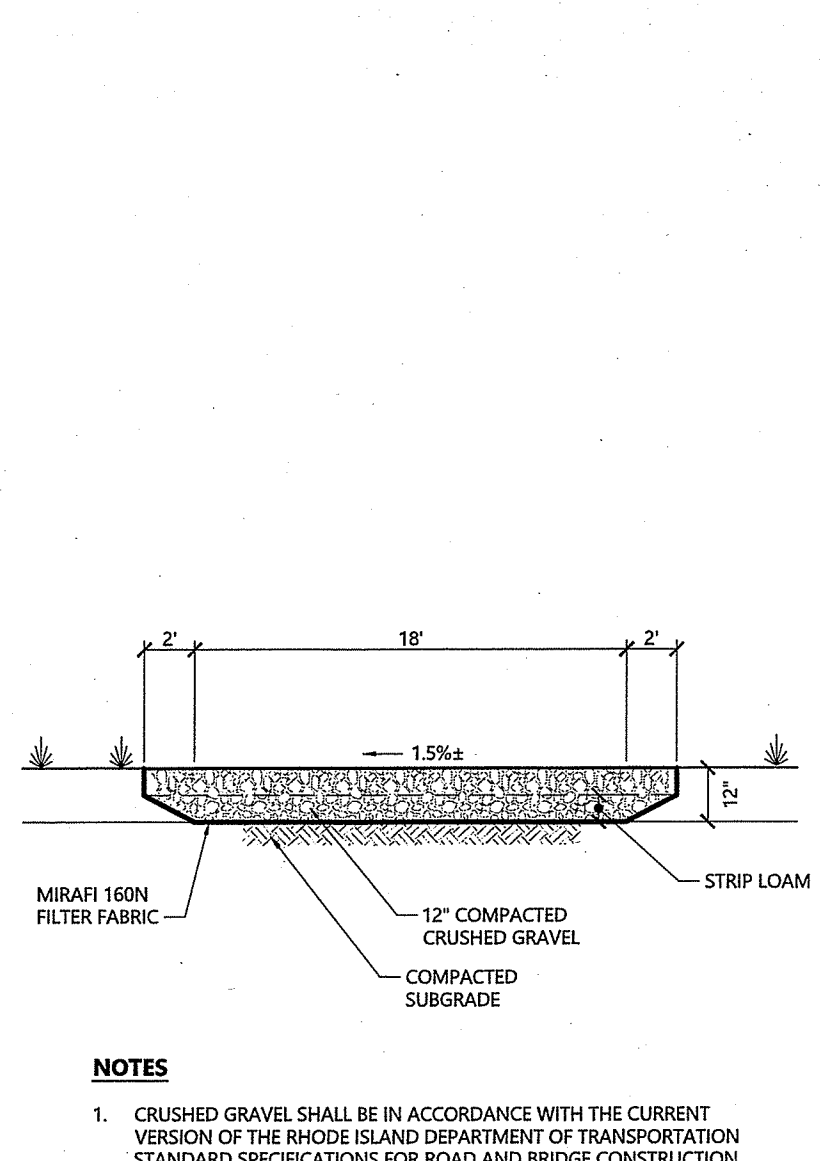
Decotis Farm Road  
Smithfield, Rhode Island

No.	Revision	Date	Appr.

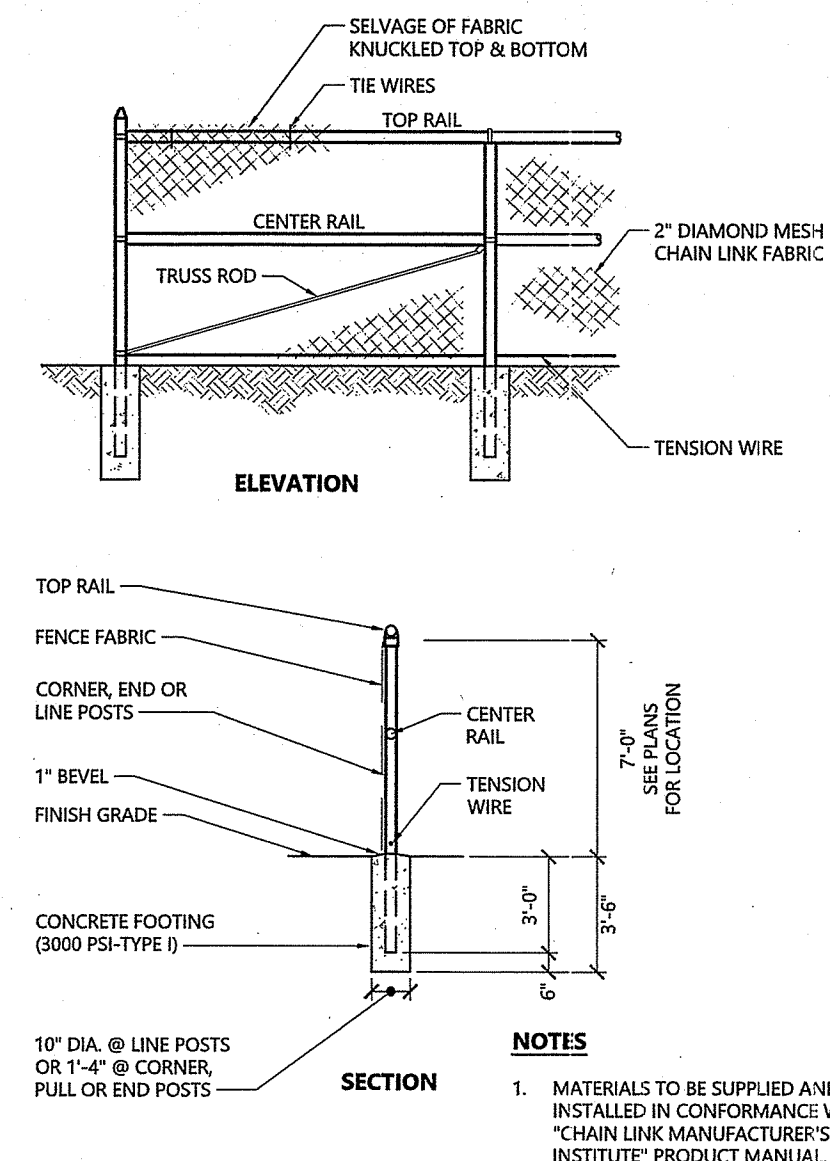
Designed by: \_\_\_\_\_ Checked by: \_\_\_\_\_  
Issued for: \_\_\_\_\_ Date: \_\_\_\_\_  
**Permits** April 10, 2019

Not Approved for Construction  
**Grading and Drainage Plan**

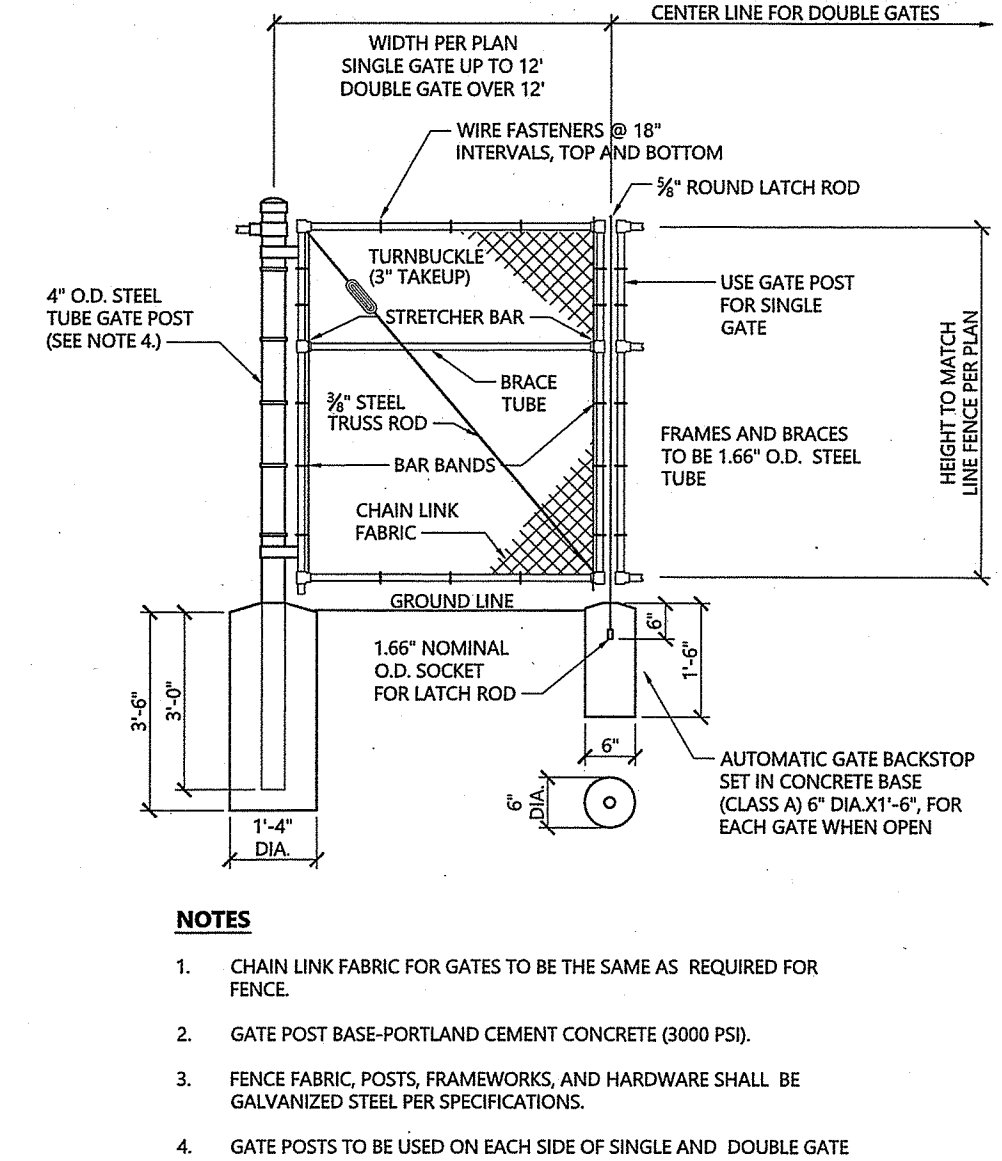
Drawing Number: \_\_\_\_\_  
**SCOTT D. LINDGREN**  
No. 8036  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
Sheet 3 of 4  
Project Number: 72913.01



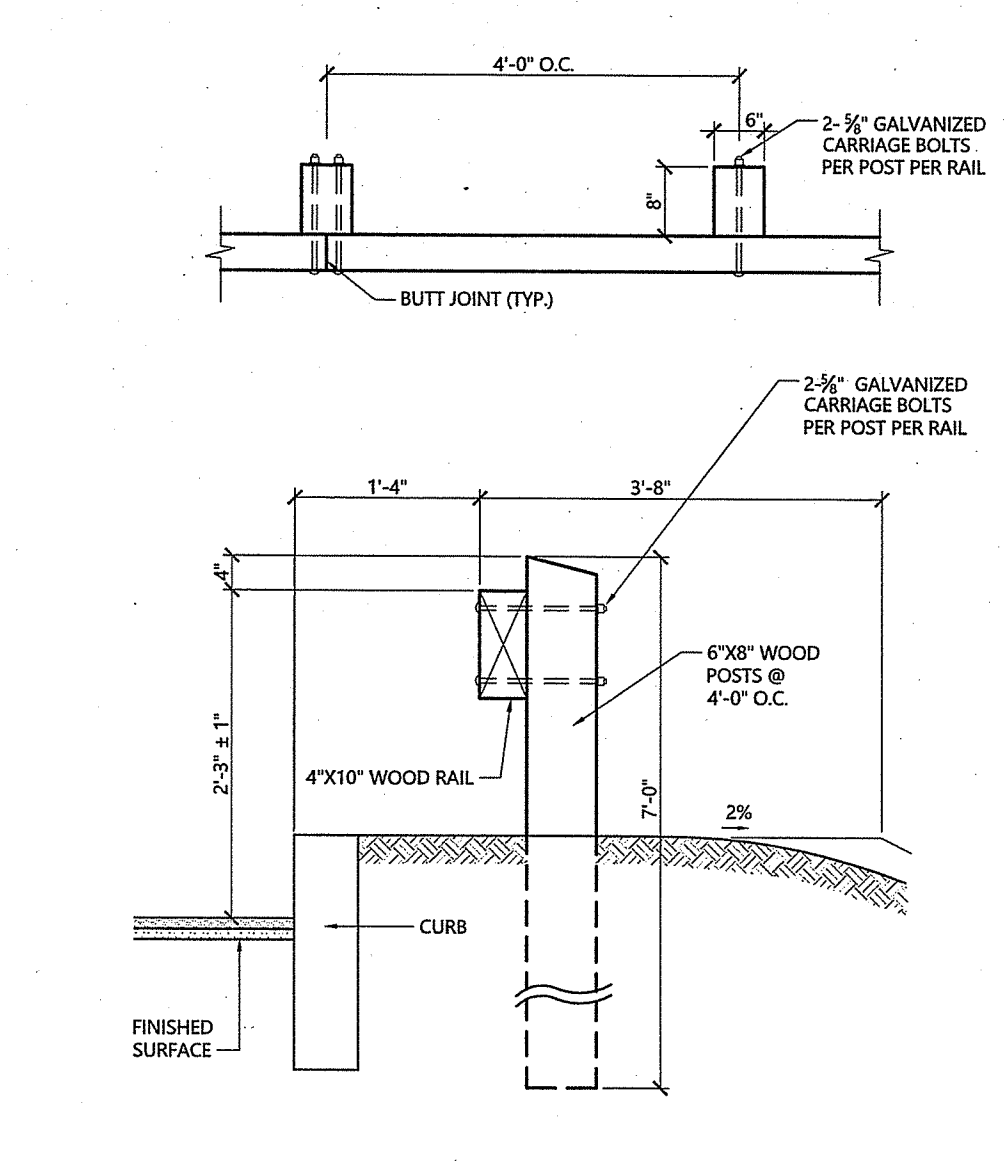
**Access Drive**  
N.T.S. Source: VHB



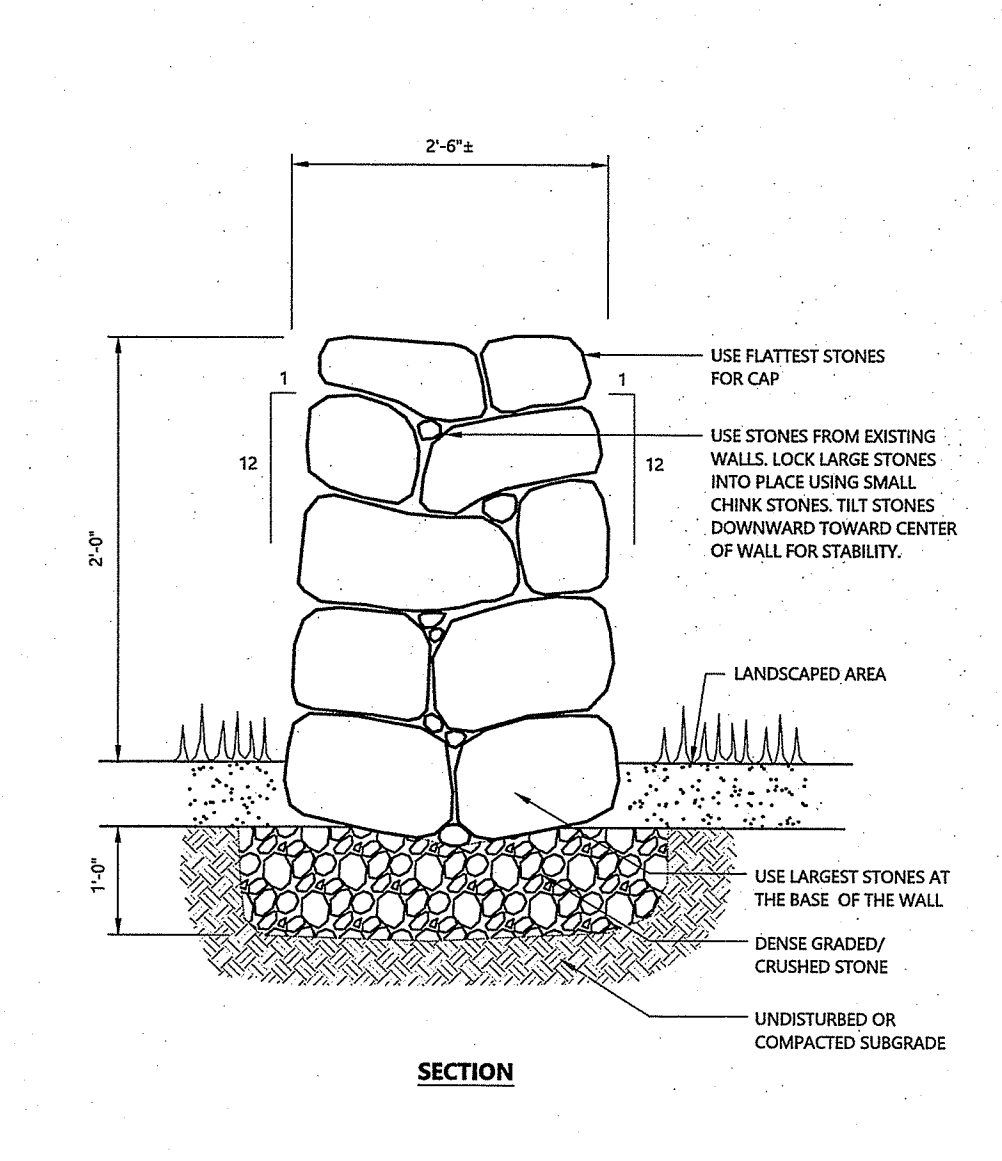
**7' Chain Link Fence**  
N.T.S. Source: VHB LD\_480



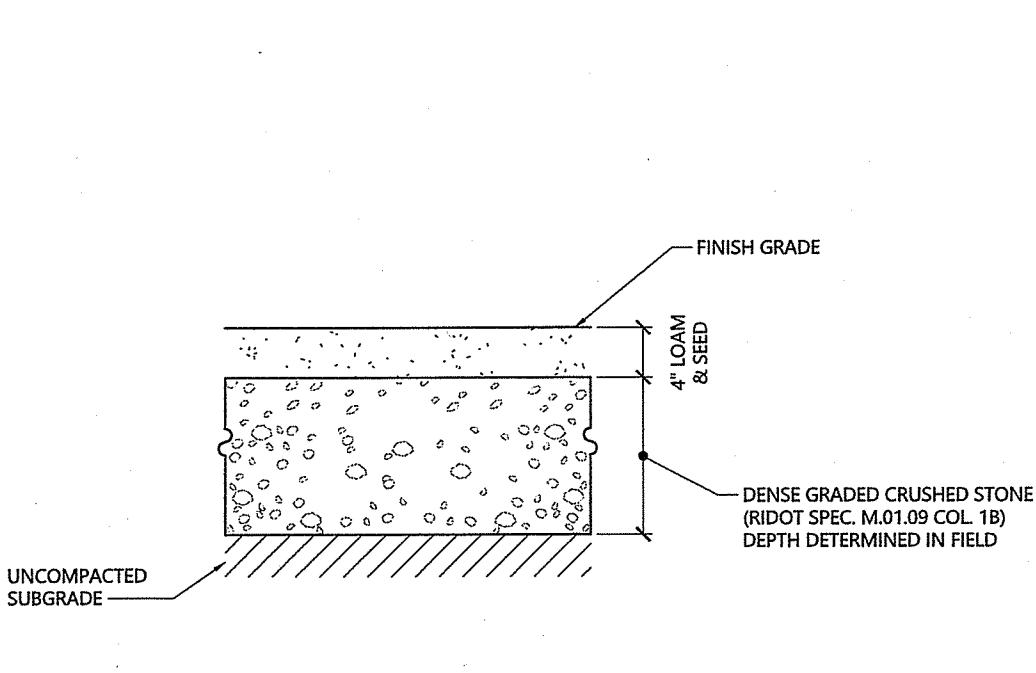
**Chain Link Fence Gate**  
N.T.S. Source: VHB LD\_482



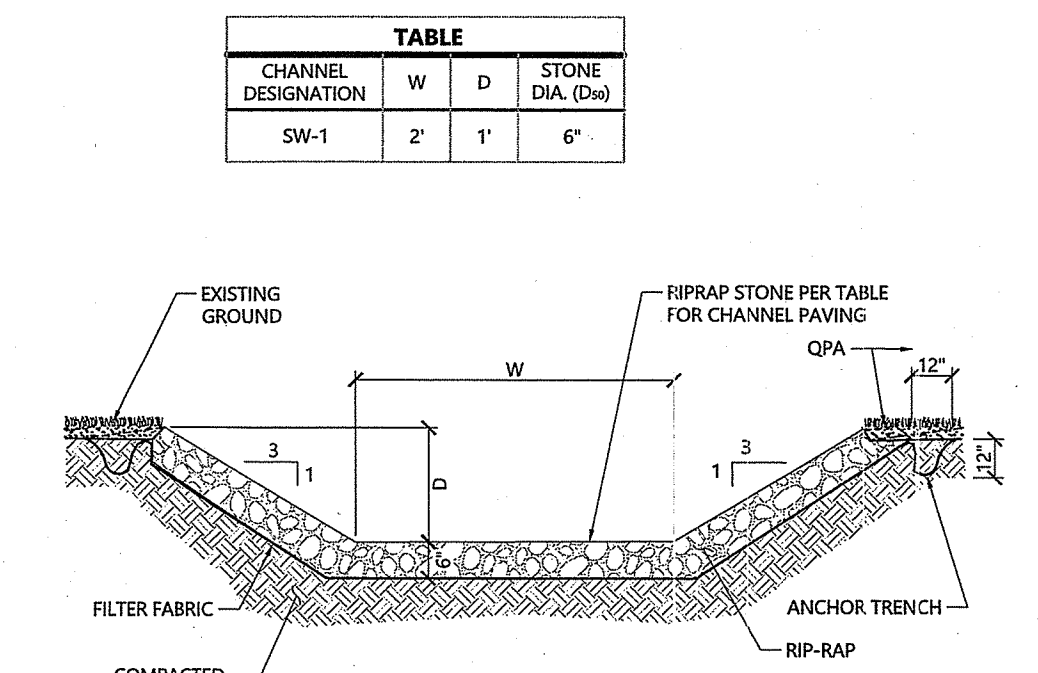
**Wood Guardrail**  
N.T.S. Source: VHB LD\_450



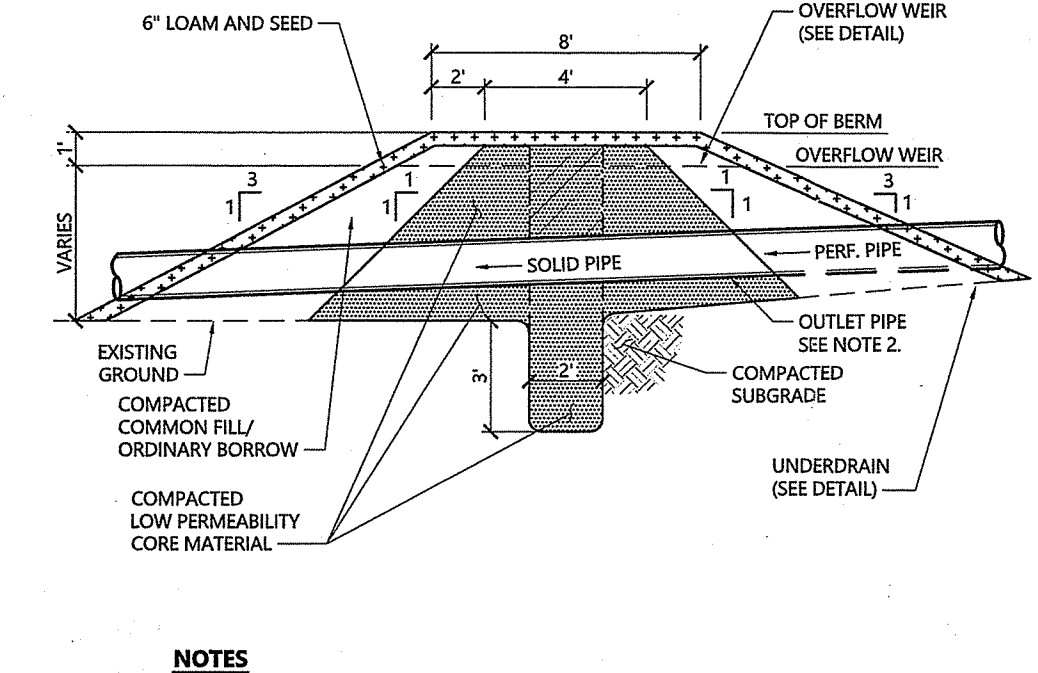
**Dry Field Stone Wall**  
N.T.S. Source: VHB



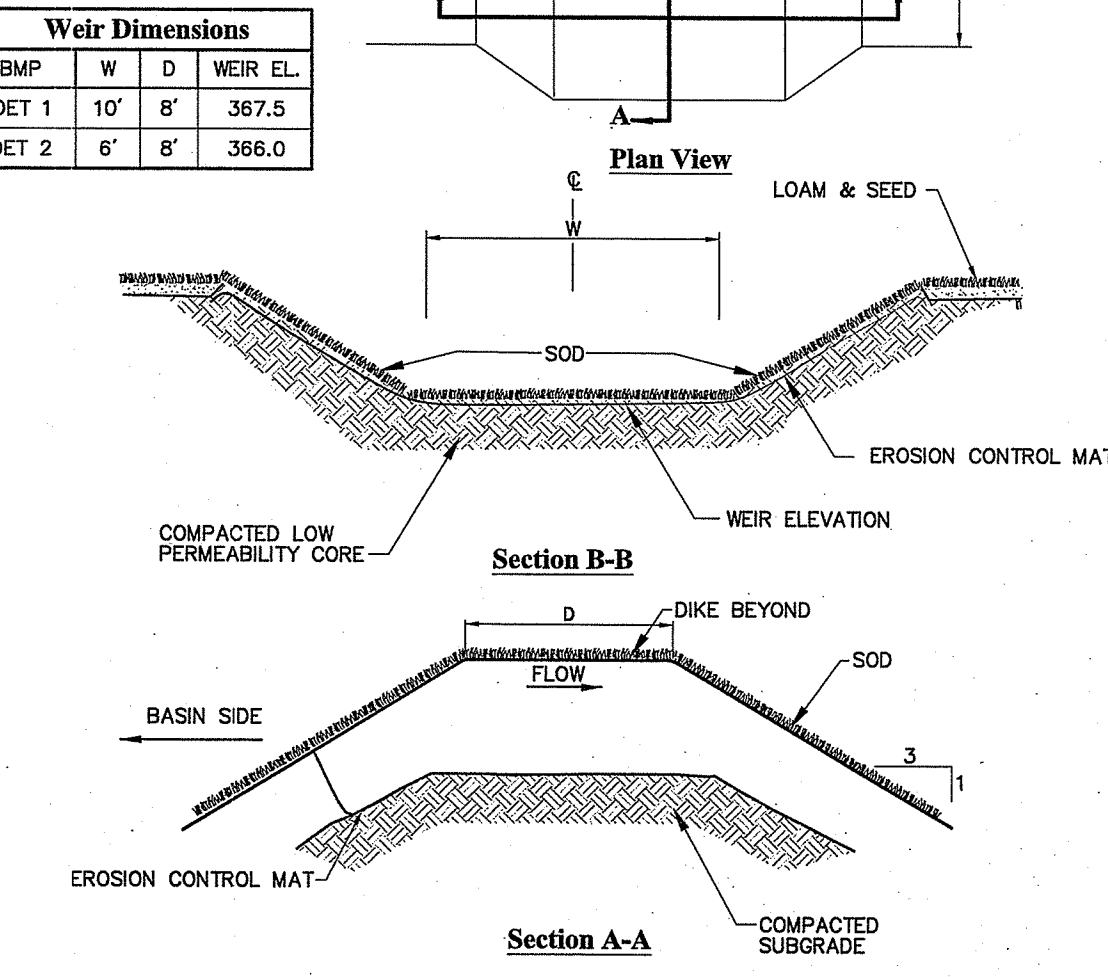
**Qualified Pervious Area (QPA) in Fill**  
N.T.S. Source: VHB 6/18



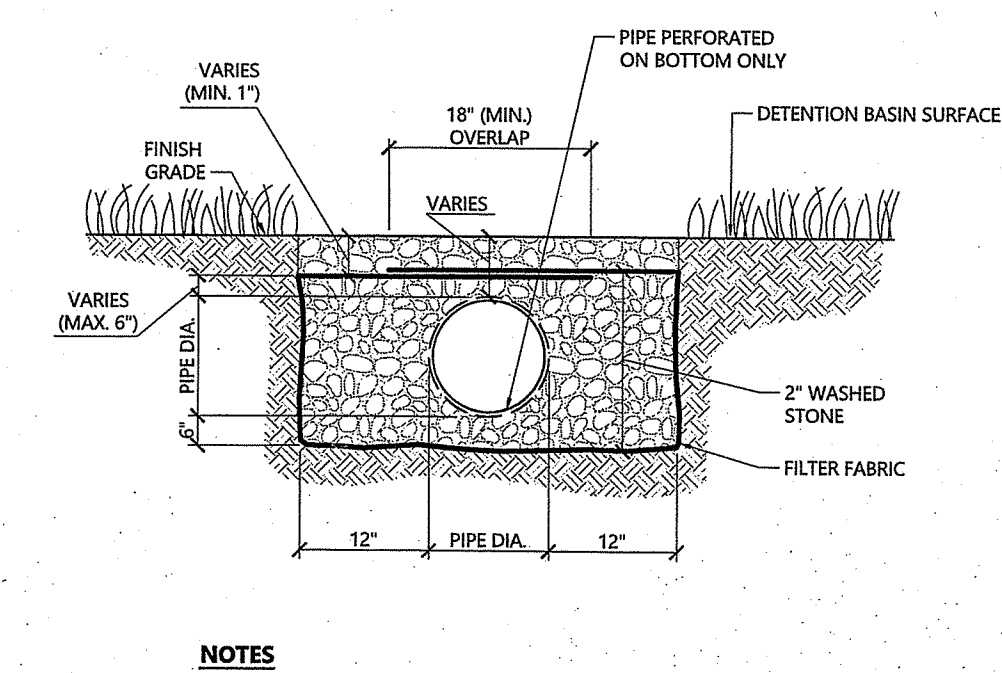
**Riprap Swale (SW-1)**  
N.T.S. Source: VHB REV LD\_170



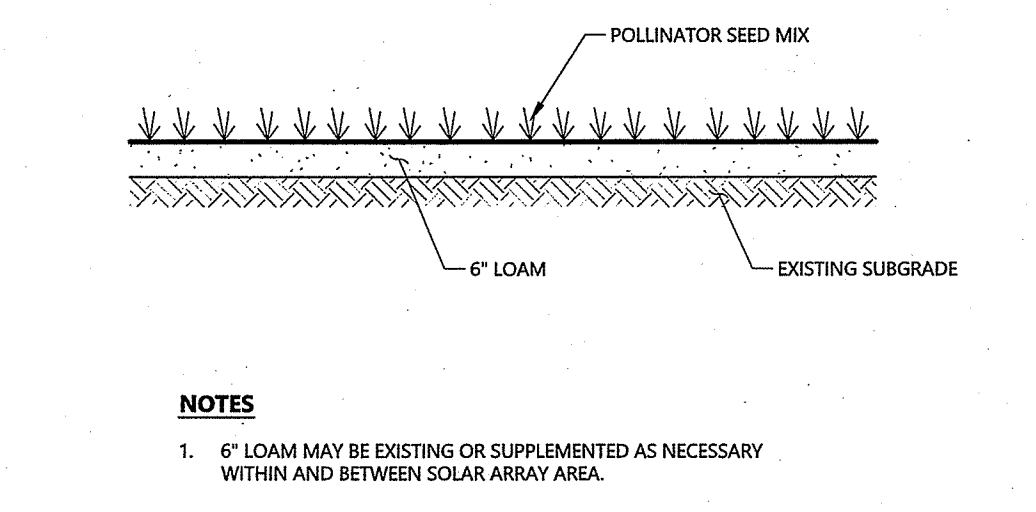
**Detention Basin Berm Section**  
N.T.S. Source: VHB REV LD\_160



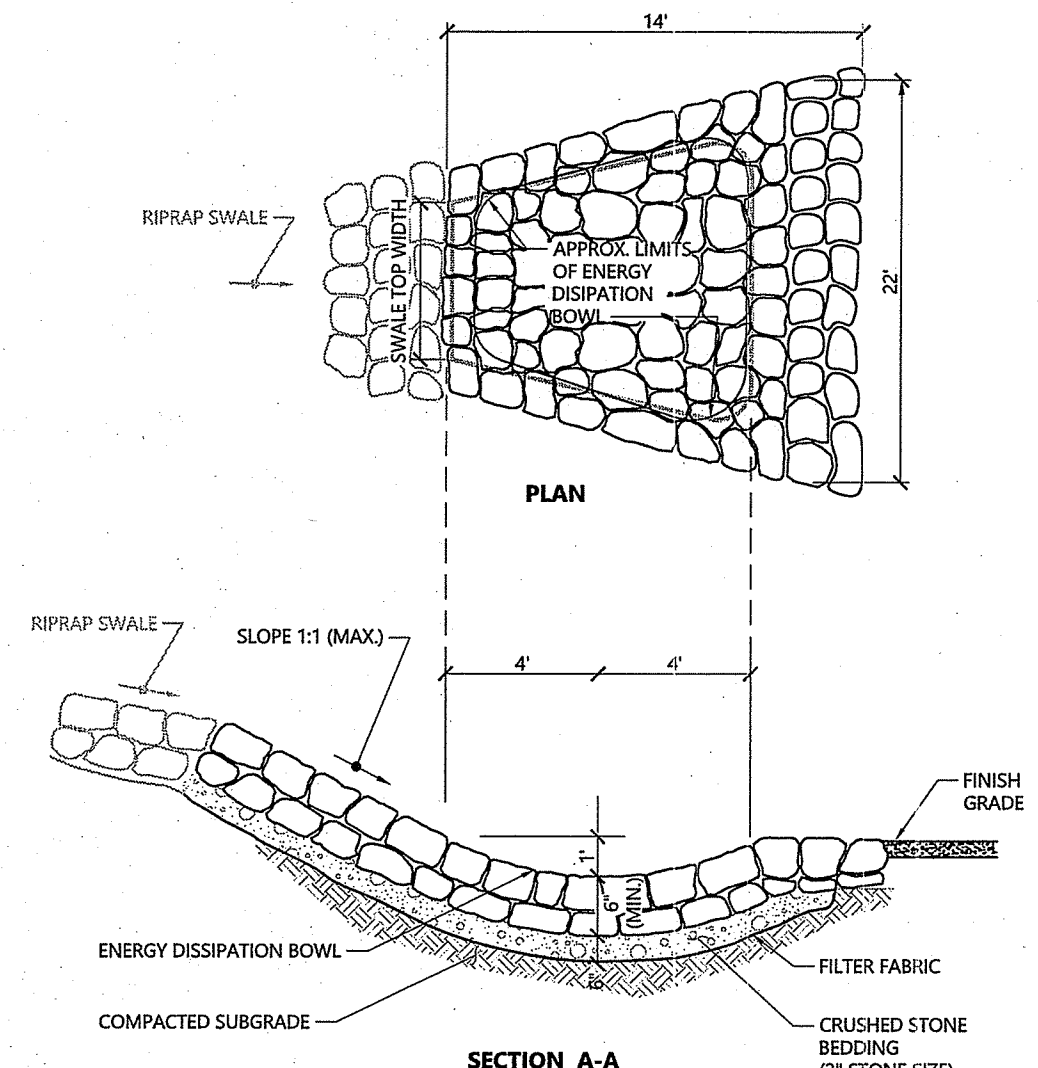
**Overflow Weir**  
N.T.S. Source: VHB REV LD\_161



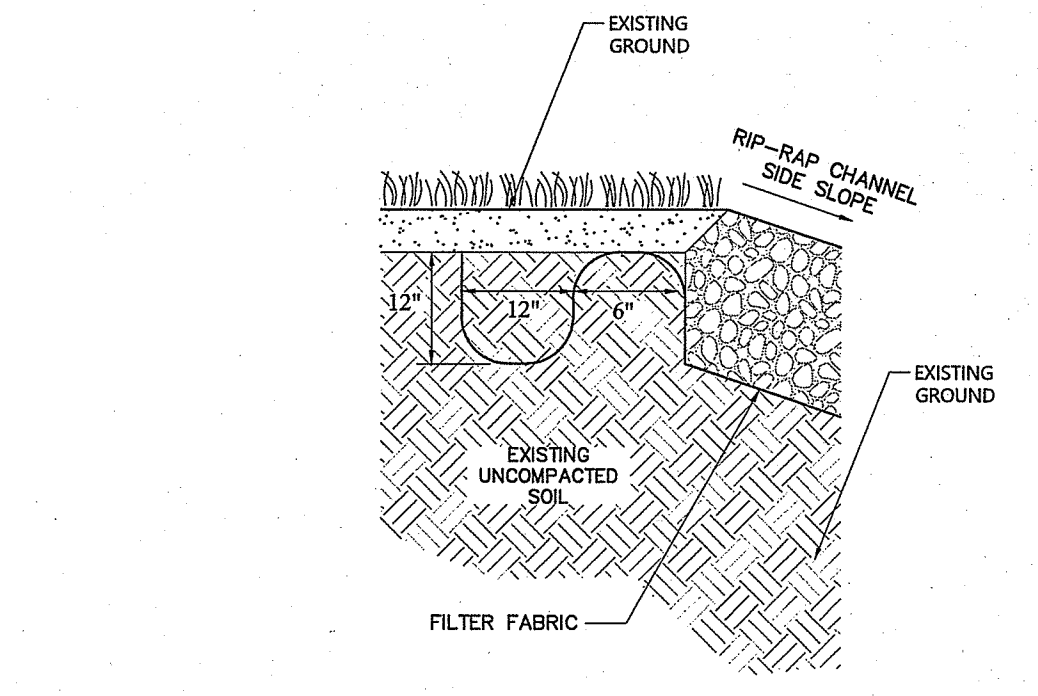
**Underdrain (UD)**  
N.T.S. Source: VHB REV LD\_184



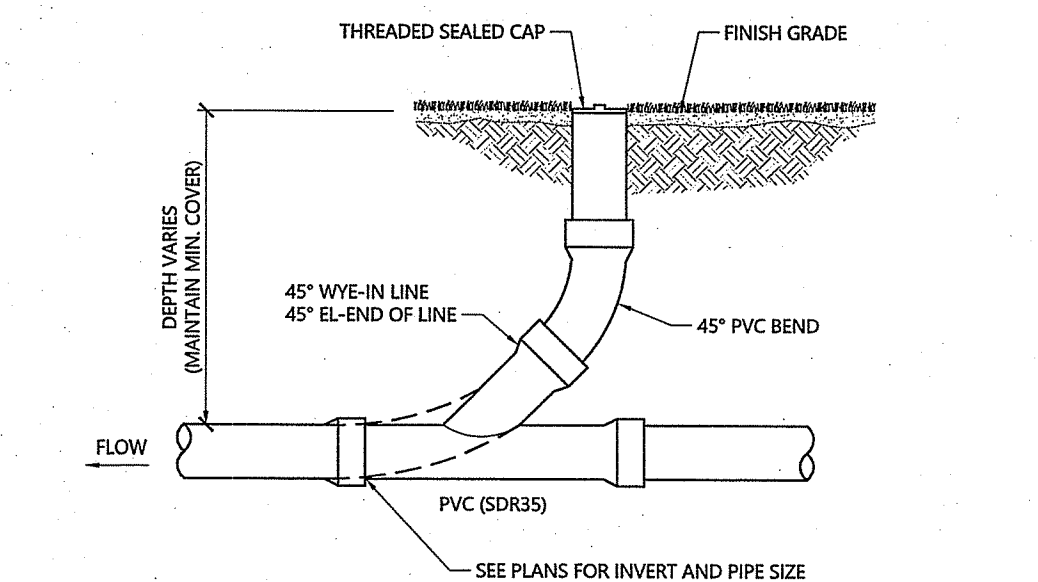
**Proposed Ground Cover**  
N.T.S. Source: VHB



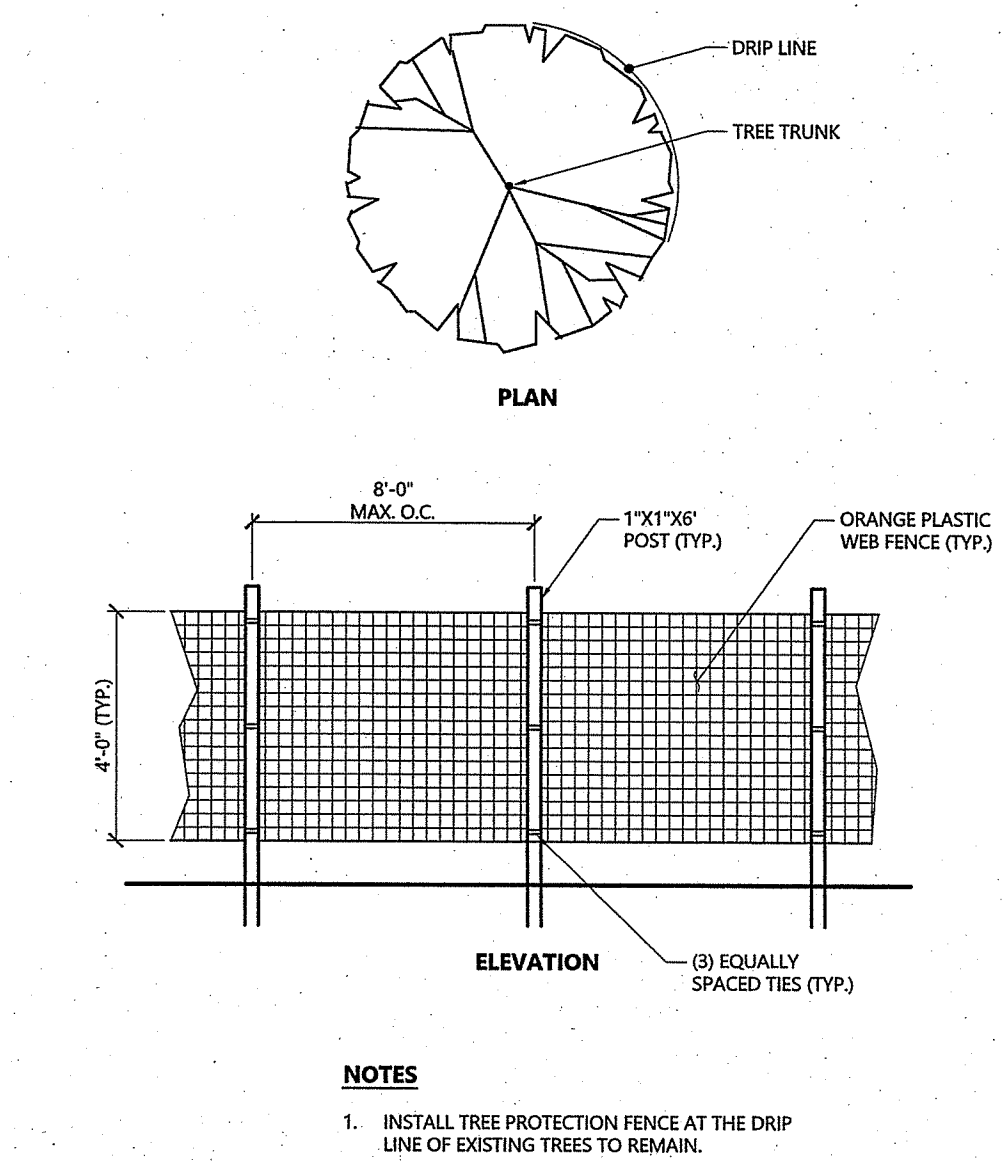
**Energy Dissipation Bowl**  
N.T.S. Source: VHB REV LD\_134



**Anchor Trench**  
N.T.S. Source: VHB



**Cleanout - Landscape Area**  
N.T.S. Source: VHB LD\_302



**Tree Protection Fence**  
N.T.S. Source: VHB LD\_610

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WITH POLLUTION CONTROL  
APPROVED WITH COMMENTS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED AUG 07 2019 FILE # 19-0123  
NO CHANGES ALLOWED WITHOUT PHRASE APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**Fidelity Solar Array**

Decotis Farm Road  
Smithfield, Rhode Island

No.	Revision	Date	Appr.
1	Per RIDEM Comments	7/16/19	SL

Issued for: **Permits** Date: **April 10, 2019**

**Not Approved for Construction**

**Site Details**

REGISTERED PROFESSIONAL ENGINEER  
**SCOTT D. LINDGREN**  
No. 8036  
Civil

Sheet **4** of **4**

Project Number  
**72913.01**



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

**General**

- CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC) SHALL RECEIVE 4 INCHES LOAM AND SEED.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
- THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE RIPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND RIDEM JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A NOTICE OF INTENT WITH THE RIDEM AND PREPARE AND MAINTAIN A SOIL EROSION AND SEDIMENTATION PLAN IN ACCORDANCE WITH THE RIPDES REGULATIONS.
- STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ABUTTING RESOURCE AREA AND SHALL BE LOCATED WITHIN THE LOD.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND INSTALLING THE FOLLOWING ITEMS ON SITE AND REDLINING THE PLAN FOR RECORD KEEPING PURPOSES AS REQUIRED BY THE RIPDES PERMIT:
  - SOLAR ARRAY MATERIALS STAGING AREAS
  - STOCKPILE AREAS. EROSION CONTROLS SHALL BE PLACED AT THE BASE OF ALL STOCKPILES
  - DESIGNATED WASHOUT AREAS.
  - TEMPORARY SEDIMENT BASIN AREAS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS OF THE TOWN OF SMITHFIELD'S SOIL EROSION AND SEDIMENT CONTROL DETERMINATION APPROVAL FOR THE PROJECT.

**Erosion Control**

- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
- STABILIZED CONSTRUCTION EXIT. A CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO A PROTECTED SETTLING AREA. IF DEEMED NECESSARY AFTER CONSTRUCTION BEGINS, A WASH PAD MAY BE INCLUDED TO WASH OFF VEHICLE WHEELS BEFORE LEAVING THE PROJECT SITE.
- TEMPORARY SEDIMENT BASINS WILL BE DESIGNED EITHER AS EXCAVATIONS OR BERMED STORMWATER DETENTION STRUCTURES THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. BASINS WILL BE LOCATED AS DETERMINED BY THE CONTRACTOR BASED ON CONSTRUCTION NEEDS. POINT OF DISCHARGE FROM SEDIMENT BASINS WILL BE STABILIZED TO MINIMIZE EROSION.
- VEGETATIVE SLOPE STABILIZATION WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR STEEPER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.
- STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER CLEARING, GRADING, EXCAVATION OR OTHER EARTH DISTURBANCE ACTIVITIES ARE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT BE RESUMED FOR A PERIOD EXCEEDING FOURTEEN (14) CALENDAR DAYS. STABILIZATION MUST BE COMPLETED USING VEGETATIVE STABILIZATION MEASURES WHERE POSSIBLE.
- ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15TH SHALL BE SEEDED BY THAT DATE. ANY SUCH AREAS WHICH DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION BY NOVEMBER 15TH MUST BE STABILIZED THROUGH THE USE OF NON-VEGETATIVE EROSION CONTROL MEASURES. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15TH TO APRIL 15TH CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THE DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE STABILIZED WITHIN FIVE (5) WORKING DAYS.

**Detention Basin Protection During Construction**

FOR THE LONG-TERM FUNCTION OF THE DETENTION SYSTEM CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
- INITIAL BASIN EXCAVATION SHOULD BE CARRIED TO WITHIN 1 FOOT OF THE FINAL ELEVATION OF THE BASIN FLOOR. FINAL EXCAVATION SHOULD BE DEFERRED UNTIL ALL DISTURBED AREAS CONTRIBUTING TO THE BASIN HAVE BEEN STABILIZED OR PROTECTED. PRIOR TO FINAL EXCAVATION, REMOVE ALL ACCUMULATED SEDIMENT.
- CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
- EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY LIGHT-TRACKED EQUIPMENT TO AVOID COMPACTION OF THE BASIN FLOOR.
- THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.

**Swale Protection During Construction**

FOR THE LONG-TERM FUNCTION OF THE SWALE, CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
- ALL STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THESE AREAS.
- CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
- EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY HYDRAULIC EXCAVATOR OR SOME OTHER SIMILAR MEANS TO ENSURE THAT THE EQUIPMENT IS NOT IN DIRECT CONTACT WITH THE NATURAL FILTRATION EARTH MATERIAL AND DOES NOT CAUSE COMPACT OF THE SUBGRADE.
- THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.
- THE SWALE SHALL BE PROTECTED WITH EROSION CONTROL BLANKETS IMMEDIATELY UPON INSTALLATION TO PREVENT CLOGGING OF FILTER MATERIALS. THESE AREAS SHALL NOT BE USED AS SEDIMENTATION OR DEWATERING BASINS.

**Qualified Pervious Areas (QPA's) Protection During Construction**

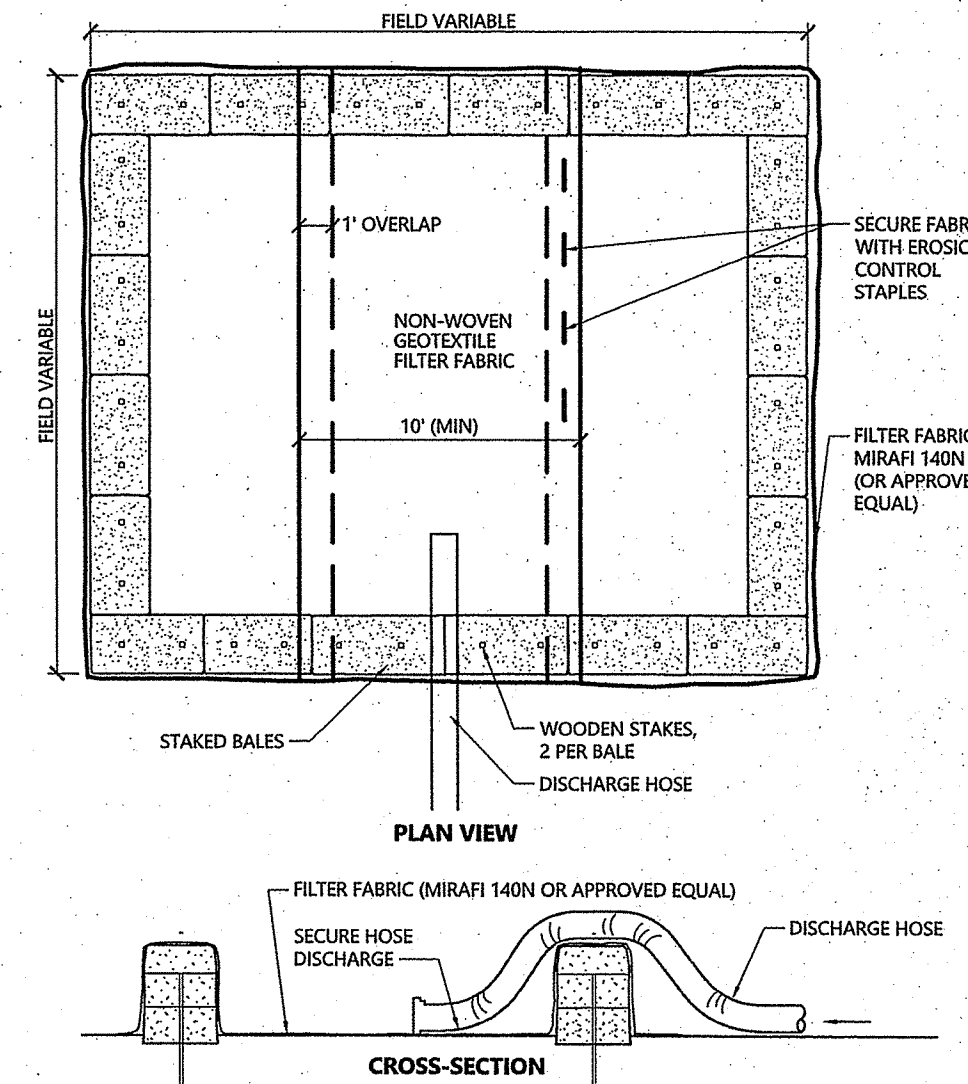
FOR THE LONG-TERM FUNCTION OF THE QUALIFIED PEROUS AREAS CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- CONSTRUCTION VEHICLES SHALL NOT BE ALLOWED TO DRIVE OVER THE AREAS. IF IT BECOMES COMPACTED, THE SOIL MUST BE SUITABLY AMENDED, TILLED, AND RE-VEGETATED ONCE CONSTRUCTION IS COMPLETE TO RESTORE INFILTRATION CAPACITY.
- THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.

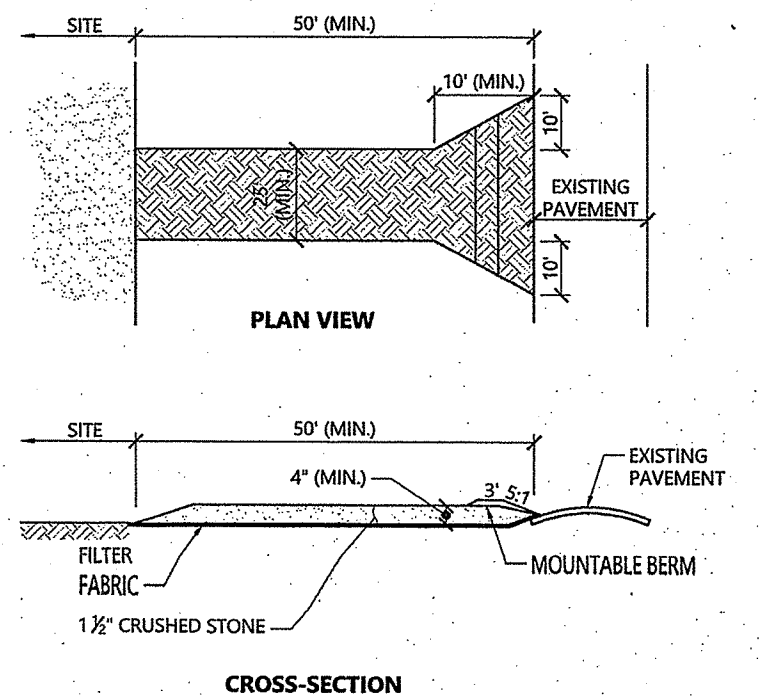
**Erosion Control Maintenance Requirements**

SITE OWNERS AND OPERATORS MUST ENSURE THAT ALL EROSION, RUNOFF, SEDIMENT, AND POLLUTION PREVENTION CONTROLS REMAIN IN EFFECTIVE OPERATING CONDITION AND ARE PROTECTED FROM ACTIVITIES THAT WOULD REDUCE THEIR EFFECTIVENESS. SITE OWNERS AND OPERATORS MUST ALSO ENSURE THAT ALL EROSION, RUNOFF, SEDIMENT, AND POLLUTION PREVENTION CONTROLS ARE INSPECTED AT THE REQUIRED FREQUENCY REQUIREMENTS LISTED BELOW. IF THE DESIGNATED SITE INSPECTOR FINDS A PROBLEM (I.E. EROSION, RUNOFF, SEDIMENT OR POLLUTION PREVENTION CONTROLS REQUIRE REPLACEMENT, REPAIR, OR MAINTENANCE), THE OWNER AND OPERATOR MUST ENSURE THAT THE NECESSARY REPAIRS OR MODIFICATIONS ARE MADE IN ACCORDANCE WITH THE FOLLOWING:

- INITIATE WORK TO FIX THE PROBLEM IMMEDIATELY AFTER DISCOVERING THE PROBLEM, AND COMPLETE SUCH WORK BY THE CLOSE OF THE NEXT WORK DAY, IF THE PROBLEM DOES NOT REQUIRE SIGNIFICANT REPAIR OR REPLACEMENT, OR IF THE PROBLEM CAN BE CORRECTED THROUGH ROUTINE MAINTENANCE.
- WHEN INSTALLATION OF A NEW CONTROL OR A SIGNIFICANT REPAIR IS NEEDED, SITE OWNERS AND OPERATORS MUST ENSURE THAT THE NEW OR MODIFIED CONTROL PRACTICE IS INSTALLED AND MADE OPERATIONAL BY NO LATER THAN SEVEN (7) CALENDAR DAYS FROM THE TIME OF DISCOVERY WHERE FEASIBLE. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN SEVEN (7) CALENDAR DAYS, THE REASONS WHY IT IS INFEASIBLE MUST BE DOCUMENTED IN THE SESC PLAN ALONG WITH THE SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS PRACTICABLE AFTER THE 7-DAY TIMEFRAME. WHERE THESE ACTIONS RESULT IN CHANGES TO ANY OF THE STORMWATER CONTROL MEASURES OUTLINED IN THE SESC PLAN, SITE OWNERS AND OPERATORS MUST MODIFY THE SESC PLAN ACCORDINGLY WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETING THIS WORK IN ACCORDANCE WITH THE FOLLOWING:
  - THE OWNER AND OPERATOR SHALL AMEND THE SESC PLAN WITHIN SEVEN (7) DAYS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE OR OTHER PROCEDURE WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS, OR IF THE SESC PLAN PROVES TO BE INEFFECTIVE IN ACHIEVING ITS OBJECTIVES. IN ADDITION, THE SESC PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW OPERATOR THAT WILL IMPLEMENT A COMPONENT OF THE SESC PLAN. THE AMENDED SESC PLAN MUST BE KEPT ON FILE AT THE CONSTRUCTION SITE AND ANY SESC PLAN MODIFICATIONS MUST BE DOCUMENTED. ANY AMENDMENTS TO CONTROL MEASURES WHICH INVOLVED THE PRACTICE OF ENGINEERING, MUST FIRST BE REVIEWED, SIGNED, AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF RHODE ISLAND.
  - IF CORRECTIVE ACTIONS ARE REQUIRED, THE SITE OWNER AND OPERATOR MUST ENSURE THAT ALL CORRECTIVE ACTIONS ARE DOCUMENTED ON THE INSPECTION REPORT IN WHICH THE PROBLEM WAS FIRST DISCOVERED. THESE CORRECTIVE ACTIONS MUST BE DOCUMENTED, SIGNED, AND DATED BY THE SITE OPERATOR ONCE ALL NECESSARY REPAIRS HAVE BEEN COMPLETED.
- SOIL EROSION AND SEDIMENT CONTROL INSPECTION REQUIREMENTS  
MINIMUM FREQUENCY - EACH OF THE FOLLOWING AREAS MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE OWNER AND OPERATOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF:
  - ALL AREAS THAT HAVE BEEN CLEARED, GRADED, OR EXCAVATED AND THAT HAVE NOT YET COMPLETED STABILIZATION;
  - ALL STORMWATER EROSION, RUNOFF, AND SEDIMENT CONTROL MEASURES (INCLUDING POLLUTION PREVENTION PRACTICES) INSTALLED AT THE SITE TO COMPLY WITH THIS PERMIT;
  - CONSTRUCTION MATERIAL, UNSTABILIZED SOIL STOCKPILES, WASTE, BORROW, OR EQUIPMENT STORAGE, AND MAINTENANCE AREAS THAT ARE COVERED BY THIS PERMIT AND ARE EXPOSED TO PRECIPITATION;
  - ALL AREAS WHERE STORMWATER TYPICALLY FLOWS WITHIN THE SITE, INCLUDING TEMPORARY DRAINAGE WAYS DESIGNED TO DIVERT, CONVEY, AND/OR TREAT STORMWATER;
  - ALL POINTS OF DISCHARGE FROM THE SITE;
  - ALL LOCATIONS WHERE TEMPORARY OR PERMANENT SOIL STABILIZATION MEASURES HAVE BEEN IMPLEMENTED.
  - ALL LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

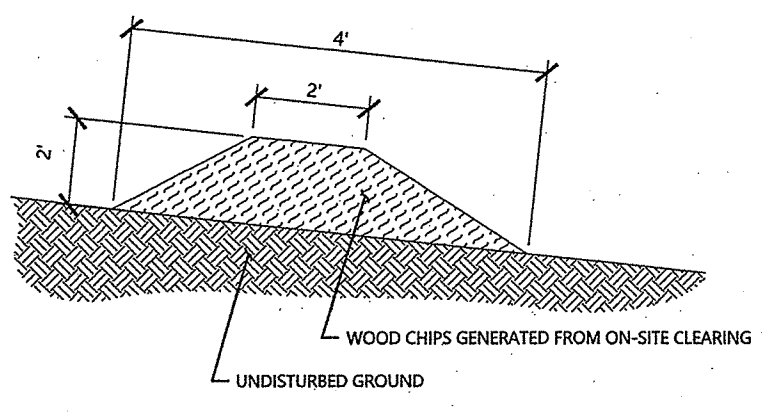


**Dewatering Straw Bale Basin** 1/16  
N.T.S. Source: VHB LD\_690

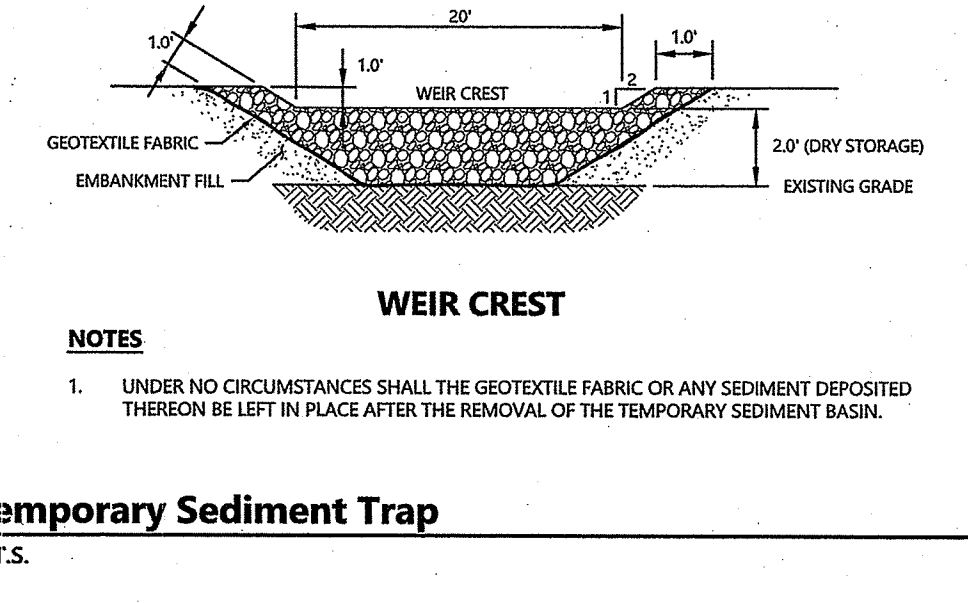


**WEIR CREST** 1/16  
N.T.S. Source: VHB LD\_682

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER POLLUTION PROGRAM  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED AUG 07 2019 FILE # 19-0123  
APPROVED BY: [Signature]

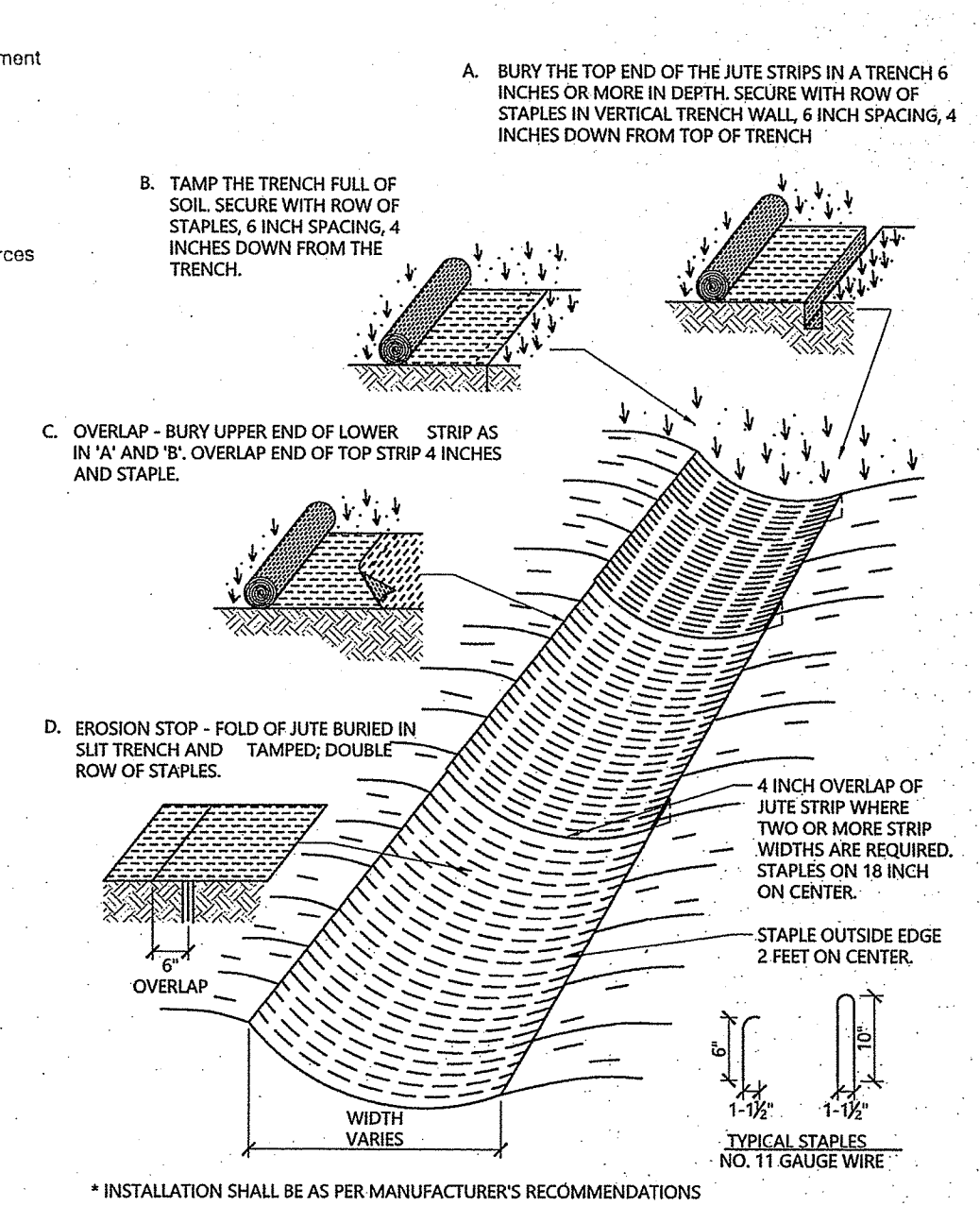


**Wood Chip Berm (Compost Filter Berm)** 1/16  
N.T.S. Source: VHB LD\_684

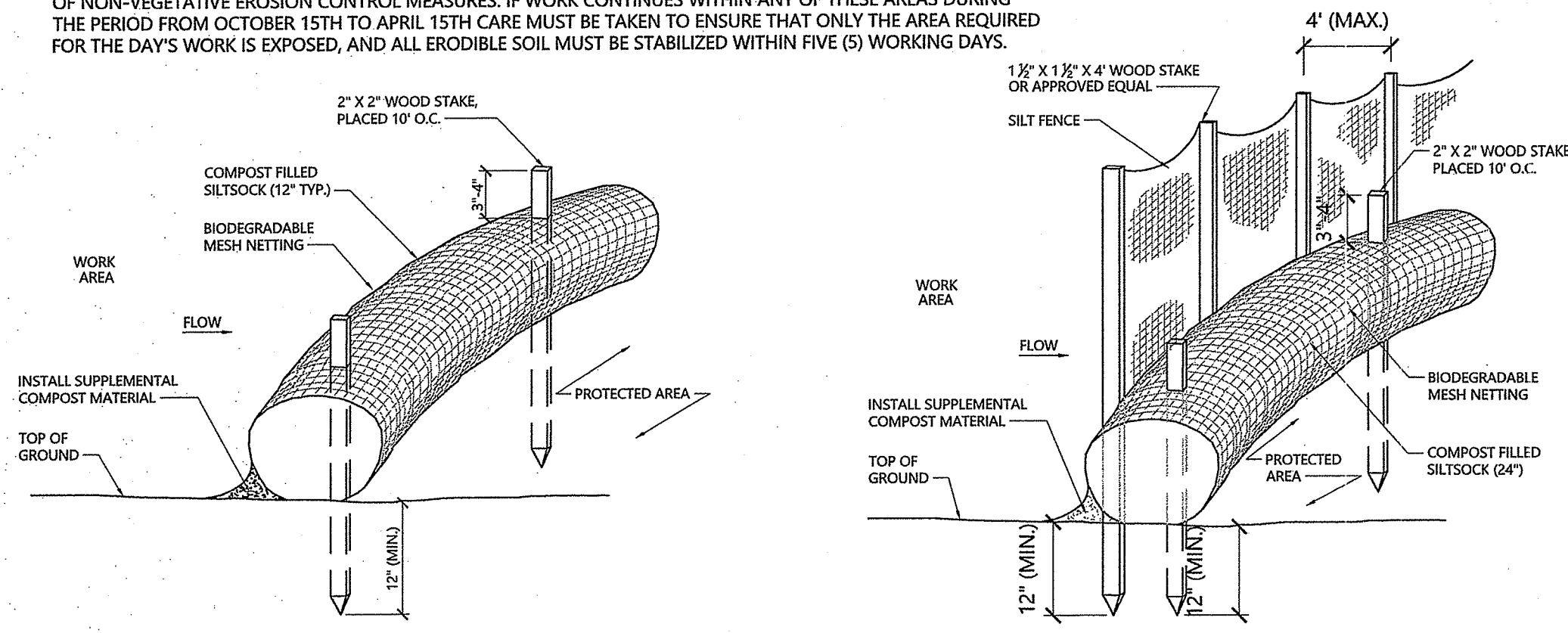


**Temporary Sediment Trap** 1/16  
N.T.S. Source: VHB LD\_682

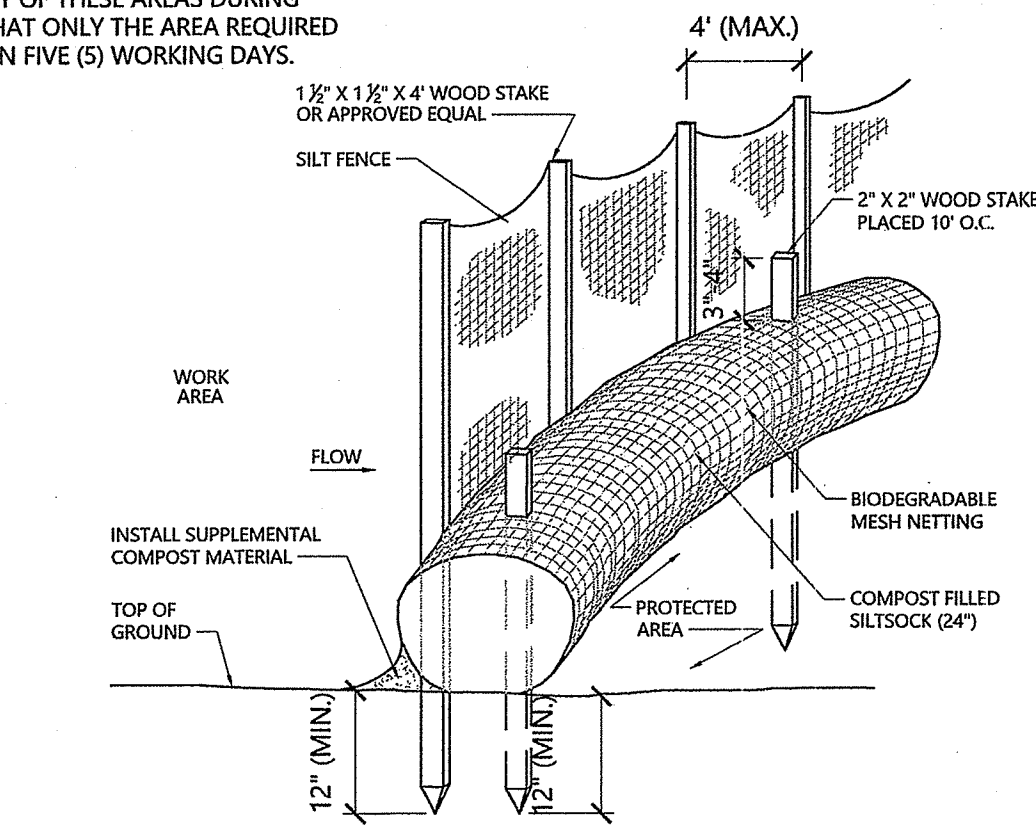
**Stabilized Construction Exit** 1/16  
N.T.S. Source: VHB LD\_682



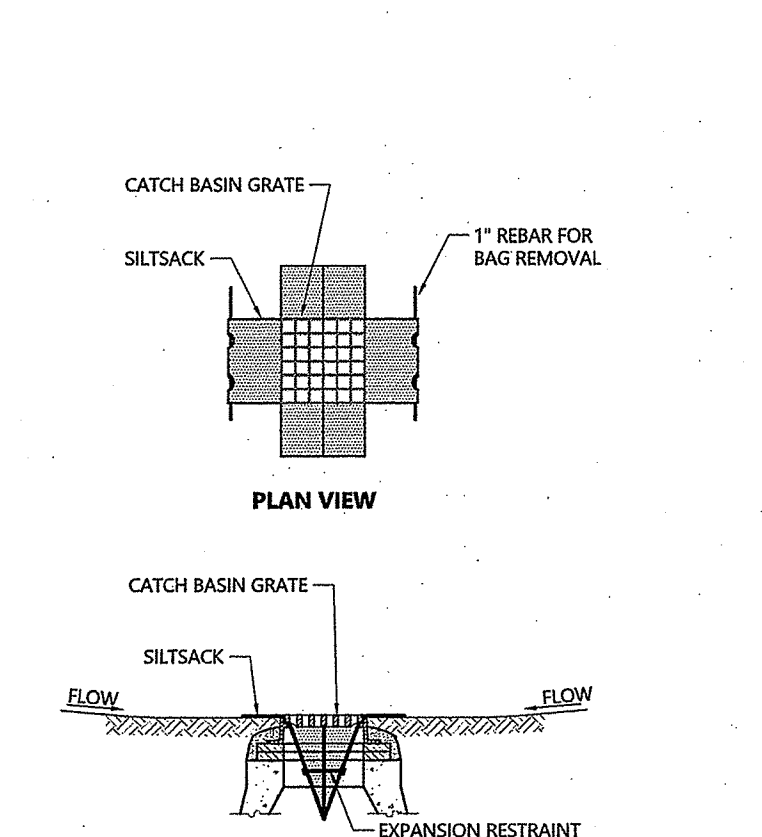
**Erosion Control Blanket Swale Installation** 1/16  
N.T.S. Source: VHB LD\_681



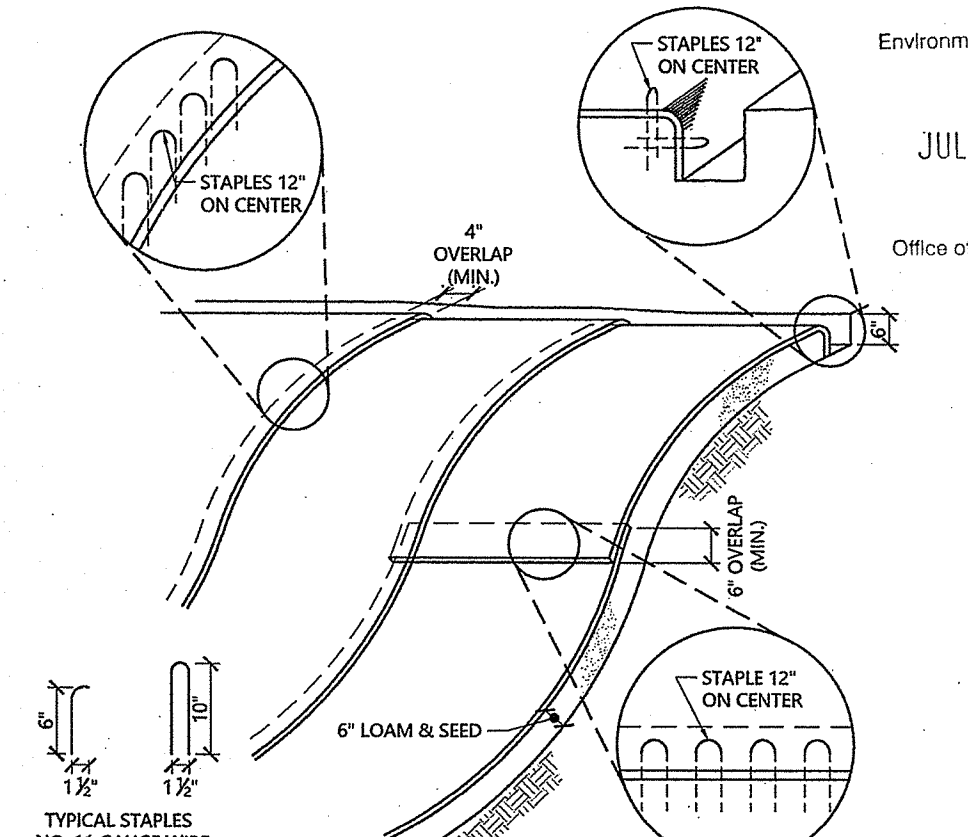
**Siltsock - Erosion Control Barrier** 1/16  
N.T.S. Source: VHB LD\_658



**Siltsock / Silt Fence Barrier** 1/16  
N.T.S. Source: VHB LD\_658-A



**Siltsock Sediment Trap** 1/16  
N.T.S. Source: VHB LD\_674



**Erosion Control Blanket Slope Installation** 1/16  
N.T.S. Source: VHB LD\_680

Environmental Management  
JUL 16 2019  
Office of Water Resources

**Fidelity Solar Array**  
Decotis Farm Road  
Smithfield, Rhode Island

No.	Revision	Date	Appr'd.

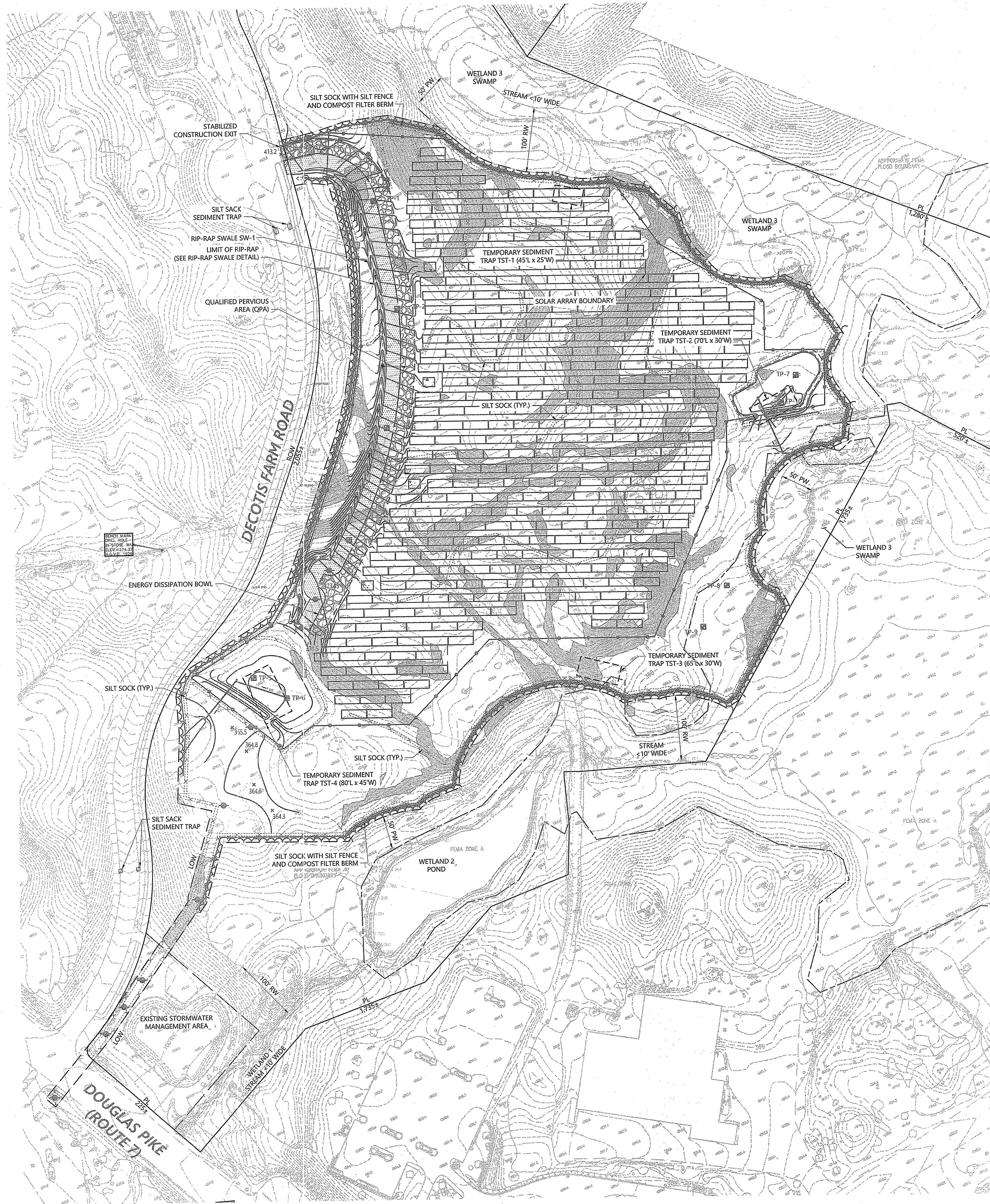
Issued for: **Permits** Date: **November 8, 2018**

Not Approved for Construction  
**Soil Erosion and Sediment Control Legend, General Notes, and Details**

SCOTT D. LINDGREN  
No. 8036  
REGISTERED PROFESSIONAL ENGINEER CIVIL  
Sheet 1 of 2  
Project Number 72913.01



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



LEGEND

AREAS OF STEEP SLOPE (>15%)

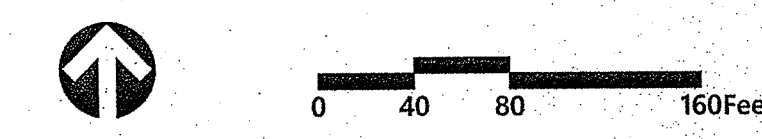
EARTHWORK VOLUMES  
TOTAL CUT: 980 CY  
TOTAL FILL: 1,345 CY  
NET EARTHWORK: 365 CY FILL

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
PERMIT TO CONDUCT EROSION CONTROL MEASURES  
PROJECT NO. 19-0123  
AUG 07 2019  
NO CHANGES PERMITTED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Signature*

Environmental Management  
JUL 16 2019  
Office of Water Resources



**Fidelity Solar Array**  
Decotis Farm Road  
Smithfield, Rhode Island

No.	Revision	Date	Appr.

Designed by: \_\_\_\_\_ Checked by: \_\_\_\_\_  
Issued for: \_\_\_\_\_ Date: \_\_\_\_\_

Permits November 8, 2018

Not Approved for Construction  
Soil Erosion and Sediment Control Site Plan

SCOTT D. LINDGREN  
No. 8036  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

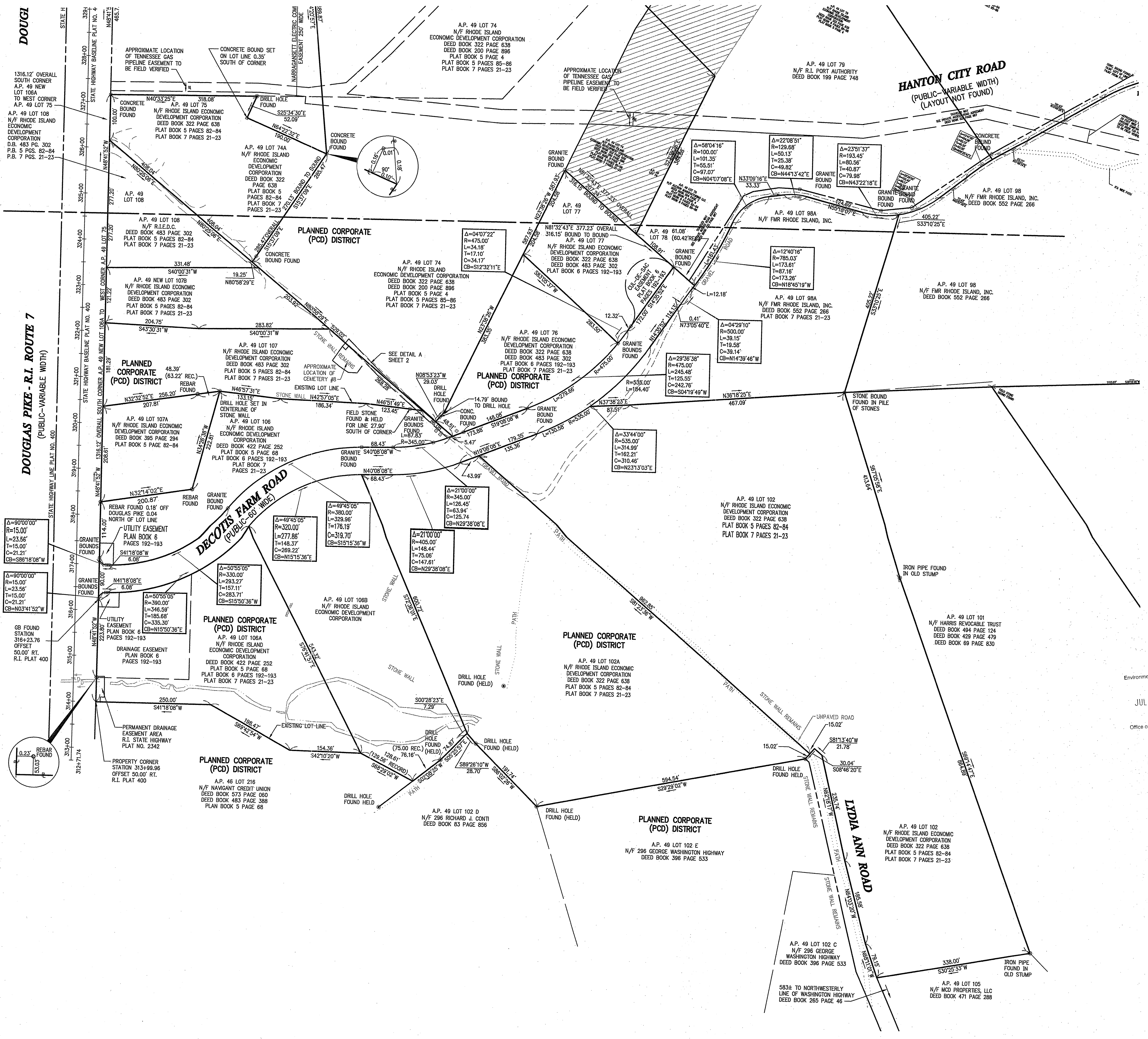
SESC-2

Sheet 2 of 2

Project Number 72913.01

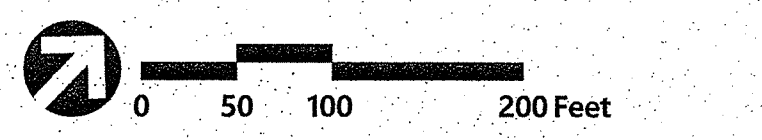


1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



Kindly be advised that this Plan is not equivalent to a verification of the type or extent of fresh water wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED LETTER OF PERMIT  
AS SPECIFIED IN PERMIT  
AUG 07 2019  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Sandra O. Womack*



Environmental Management  
JUL 16 2019  
Office of Water Resources

**Fidelity Solar Array**  
**Decotis Farm Road**  
**Smithfield, Rhode Island**

No.	Revision	Date	Appr.

Designed by: \_\_\_\_\_ Checked by: \_\_\_\_\_  
Issued for: \_\_\_\_\_ Date: \_\_\_\_\_  
**Permits** July 19, 2018

**Not Approved for Construction**  
Drawing Title  
**Property Line Plan**  
Drawing Number

**PL-1**

\\vb\l\proj\providence\72913.01\cad\1\plans\1\existing\_conditions\PL-1.dwg  
Saved Monday, April 8, 2019 11:58:38 AM ERICCOBREN Plotted Tuesday, April 9, 2019 2:09:19 PM O'Brien, Eric



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



PLANNED COMPOSITE DISTRICT (FD)  
N.G.V.D. 1929  
N.G.V.D. 1985  
N.G.V.D. 2000  
N.G.V.D. 2015  
FDMA ZONE X

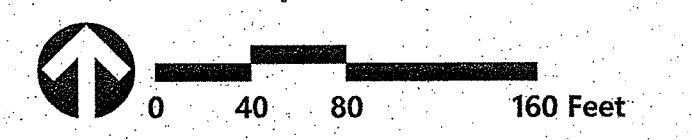
**Legend**

- CC CONCRETE CURB
- SLOPED GRANITE EDGING
- VGC VERTICAL GRANITE CURB
- SCE SLOPED CONCRETE EDGING
- BB BITUMINOUS BERM
- BC BITUMINOUS CURB
- EP EDGE OF PAVEMENT
- BIT. BITUMINOUS PAVEMENT
- CONC. CONCRETE
- UP UTILITY POLE
- RCP REINFORCED CONCRETE PIPE
- PVC POLYVINYLCHLORIDE PIPE
- CMP CORRUGATED METAL PIPE
- CPP CORRUGATED PLASTIC PIPE
- VCF VITRIFIED CLAY PIPE
- BWL BROKEN WHITE LINE
- BYL BROKEN YELLOW LINE
- DYL DOUBLE YELLOW LINE
- SWL SINGLE WHITE LINE
- SYL SINGLE YELLOW LINE
- PIV POST INDICATOR VALVE
- CLF CHAIN LINK FENCE
- FES FLARED END SECTION
- D DRAIN LINE
- E ELECTRIC LINE
- FA FIRE ALARM
- G GAS LINE
- S SEWER LINE
- T TELEPHONE LINE
- W WATER LINE
- OHW OVERHEAD LINE
- MW MONITORING WELL
- TP TESTPIT
- R= RIM ELEVATION
- = INVERT ELEVATION
- ELEV. ELEVATION
- F.F.E. FINISH FLOOR ELEVATION
- TYP. TYPICAL
- PROPERTY LINE
- CONCRETE PAD
- PARKING STRIPE
- RIP-RAP

**General Notes**

- ALL ELEVATIONS ARE BASED ON N.G.V.D. 1929.
- THE SURVEY PLAN WAS COMPILED FROM AERIAL PHOTOGRAPHY PROVIDED BY COL EAST, INC. PO BOX 347 NORTH ADAMS, MA 01247; FROM PHOTOGRAPHY DATED MARCH 17, 2009; SCALE 1"=40'; AND SUPPLEMENTED BY AN ACTUAL FIELD SURVEY, CONDUCTED BY VANASSE HANGEN BRUSTLIN, INC. ON OR BETWEEN OCTOBER, 1995 AND OCTOBER 2009.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- THE PROJECT AREA IS WITHIN ZONE-X; AREAS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOODPLAIN; AND ZONE A: NO BASE FLOOD ELEVATIONS DETERMINED; AS SHOWN ON FIRM; THE FLOOD INSURANCE RATE MAP FOR THE TOWN OF SMITHFIELD, RHODE ISLAND, PROVIDENCE COUNTY, COMMUNITY PANEL NO. 4007C0167H, EFFECTIVE 10/2/2015.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
AS SPECIFICALLY SET FORTH IN REGULATION  
DATED AUG 07 2019  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



Environmental Management  
JUL 16 2019  
Office of Water Resources

**Aerial Mapping Legend**

- PAVED ROAD
- PAVED PARKING
- PAVED DRIVE
- DIRT ROAD
- DIRT PARKING
- DIRT DRIVE
- DIRT PATH/WALK
- MOTOR PATH
- CONSTRUCTION AREA
- TREE LINE
- SHRUB LINE
- HEDGE ROW
- ACCURACY LIMIT
- DENSE OBSCURATION
- BOULDER AREA
- SNOW PILE
- DIRT PILE
- STREET
- WETLAND
- 50'PW 50' PERIMETER WETLAND (PW)
- 100'RW 100' RIVERBANK WETLAND (RW)
- DRAINAGE DITCH
- EROSION CONTROL BARRIER
- FENCE
- GUARD RAIL
- STONE WALL
- RETAINING WALL
- JUNK
- INTERMEDIATE CONTOUR
- INDEX CONTOUR
- INTERMEDIATE DEPRESSION CONTOUR
- INDEX DEPRESSION CONTOUR
- PROPERTY LINE
- ASSESSOR'S LOT LINE
- EASEMENT LINE
- STATE HIGHWAY LINE
- TOWN LAYOUT LINE
- ZONING BOUNDARY LINE
- FEMA FLOOD BOUNDARY LINE
- TRAFFIC SIGNAL
- STUMP
- SHRUB
- ROCK
- MARSH SYMBOL
- HYDRANT
- GATE/VALVE
- MANHOLE
- CATCH BASIN
- UTILITY POLE
- STREET LIGHT
- GUY ANCHOR
- ELECTRIC DEVICE
- POLE
- POST
- ROAD SIGN
- RESIDENTIAL MAIL BOX
- UNCERTAIN OBJECT
- SPOT HEIGHT
- PROPERTY LINE
- TREE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

**Fidelity Solar Array**  
Decotis Farm Road  
Smithfield, Rhode Island

No.	Revision	Date	Appr.

Issued for:   
Date:   
Permits July 19, 2018

Not Approved for Construction  
Existing Conditions Plan  
Drawing Number

EX-1

