

LOCUS NOT TO SCALE

**GENERAL NOTES:**

- EXISTING CONDITIONS INFORMATION WAS COMPILED FROM AN ON THE GROUND SURVEY PERFORMED BY LAND DEVELOPMENT ENGINEERING AND CONSULTING, LLC. AND SUPPLEMENTED WITH RECORD PLAN AND MIDDLETOWN GIS INFORMATION.
- ELEVATIONS ARE REFERENCED TO NAVD 88.
- THIS PLAN AND ANY ACCOMPANYING CERTIFICATIONS DO NOT CONSTITUTE A CERTIFICATION OF TITLE TO THE PROPERTY DISPLAYED HEREON. THE OWNER OF LOCUS AND ABUTTING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.

**LEGEND**

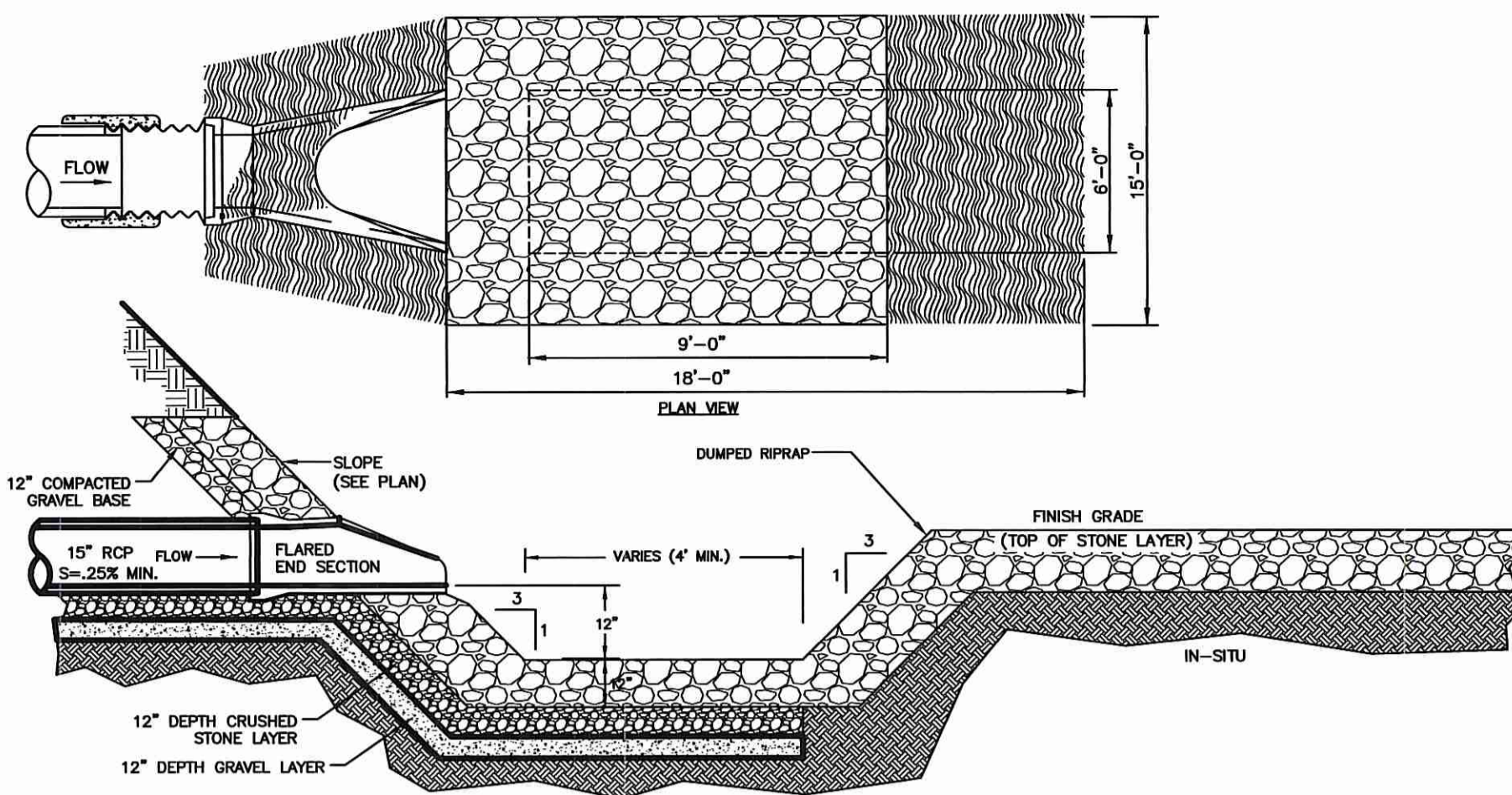
- PROPERTY LINE
- RR0D (Fnd) CONCRETE BOUND/FOUND
- PROPOSED TOPOGRAPHIC CONTOUR
- 134.8x EXISTING SPOT ELEVATION
- 122.1 PROPOSED SPOT ELEVATION
- PROPOSED DRAIN PIPE
- ▷ FES PROPOSED FLARED END SECTION
- ← FLOW DIRECTION ARROW

**SOIL EROSION AND SEDIMENTATION CONTROL NOTES**

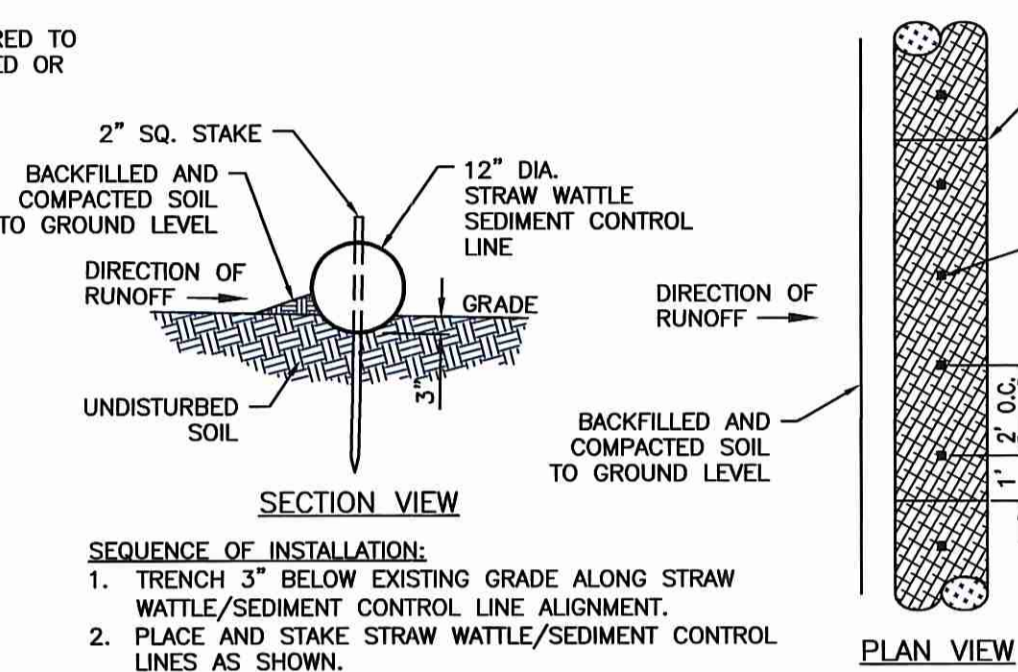
- PRIOR TO INITIATING CONSTRUCTION, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS, AS DIRECTED BY THE ENGINEER AND/OR AS NECESSITATED BY FIELD CONDITIONS. THE CONTRACTOR SHALL MAINTAIN THESE MEASURES UNTIL ALL WORK IS COMPLETED AND ALL AREAS HAVE BEEN STABILIZED.
 

**INSTALLATION SEQUENCE**

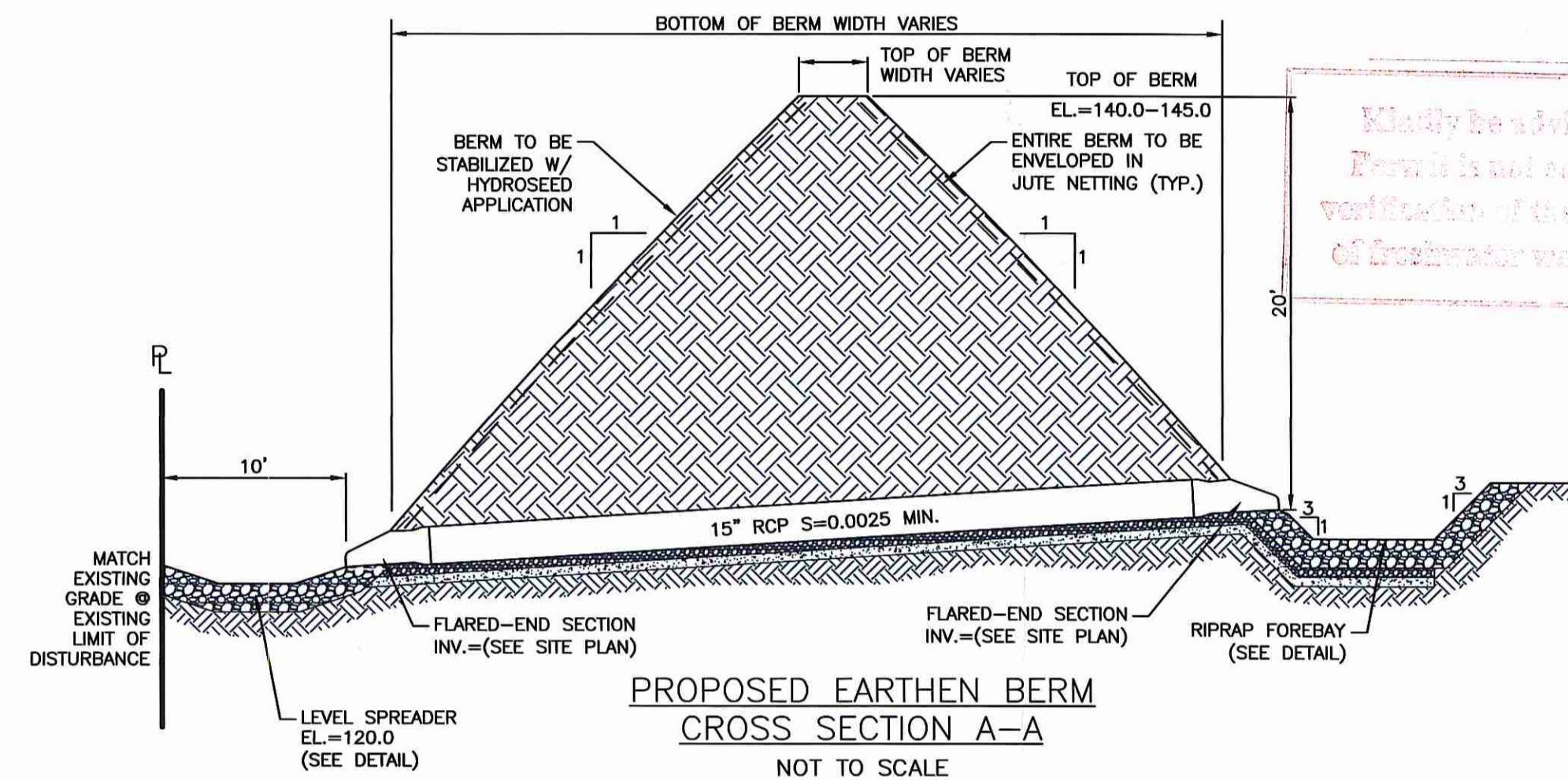
  - INSTALL STRAW WATTLES AS SHOWN ON PLAN.
  - CLEAR AND GRUB SITE.
  - CONSTRUCT SITE INFRASTRUCTURE AS SHOWN ON PLANS.
  - THE FOLLOWING ACTIVITIES SHALL TAKE PLACE IMMEDIATELY FOLLOWING CONSTRUCTION OF EMBANKMENTS AND FILL SLOPES: PLACEMENT OF LOAM AND GRASS SEED, THE CONTRACTOR SHALL INSPECT ALL FILL SLOPES AND EMBANKMENTS ON A WEEKLY BASIS AND FOLLOWING ALL RAINFALL EVENTS UNTIL A MINIMUM 75% GRASS COVER IS ESTABLISHED SUFFICIENT TO PREVENT EROSION FROM OCCURRING.
- ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OR AS DIRECTED BY THE ENGINEER.
- DISTURBED AREAS SHALL BE STABILIZED WITH CRUSHED SHELL OR EQUAL OR THE APPLICATION OF A MINIMUM OF FOUR INCHES (4") OF LOAM AND SHALL BE SEEDED WITH AN APPROVED GRASS MIX OR SHALL BE RIPRAPPED AS SOON AS POSSIBLE AFTER THE FINISHED GRADE HAS BEEN MET. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED WITH HAY AND SECURED BY JUTE NETTING WITH STAPLES. SLOPES EXCEEDING 2:1 SHALL BE LOAMED AND STABILIZED WITH PREGED SOD OR APPROVED EROSION CONTROL BLANKETS UNLESS OTHERWISE NOTED.
- WHERE APPLICABLE, PROPER DUST CONTROL MEASURES SHALL APPLY TO REDUCE THE SURFACE AND AIR TRANSPORT OF DUST GENERATED DURING CONSTRUCTION. THE FOLLOWING METHODS SHALL BE USED:
  - WET SUPPRESSION WITHOUT WETTING AGENT SHALL BE APPLIED DURING LOAD IN / LOAD OUT AND EARTH MOVING CONSTRUCTION ACTIVITIES, SPECIALLY ON STOCKPILES.
  - INACTIVE STOCKPILES SHALL BE STABILIZED THROUGH APPLICATION OF SOIL STABILIZERS OR SEEDING.
  - WIND SCREENS OR BARRIERS AND PLASTIC TARP COVERS SHALL BE SECURED TO PREVENT WIND DISLODGE AND DAMAGE. ANY DAMAGES SHALL BE REPAIRED OR REPLACED IMMEDIATELY.



FLARED END OUTLET/LEVEL SPREADER/FOREBAY (TYP.) NOT TO SCALE



STRAW WATTLE SOIL EROSION & SEDIMENTATION CONTROL DETAIL NOT TO SCALE



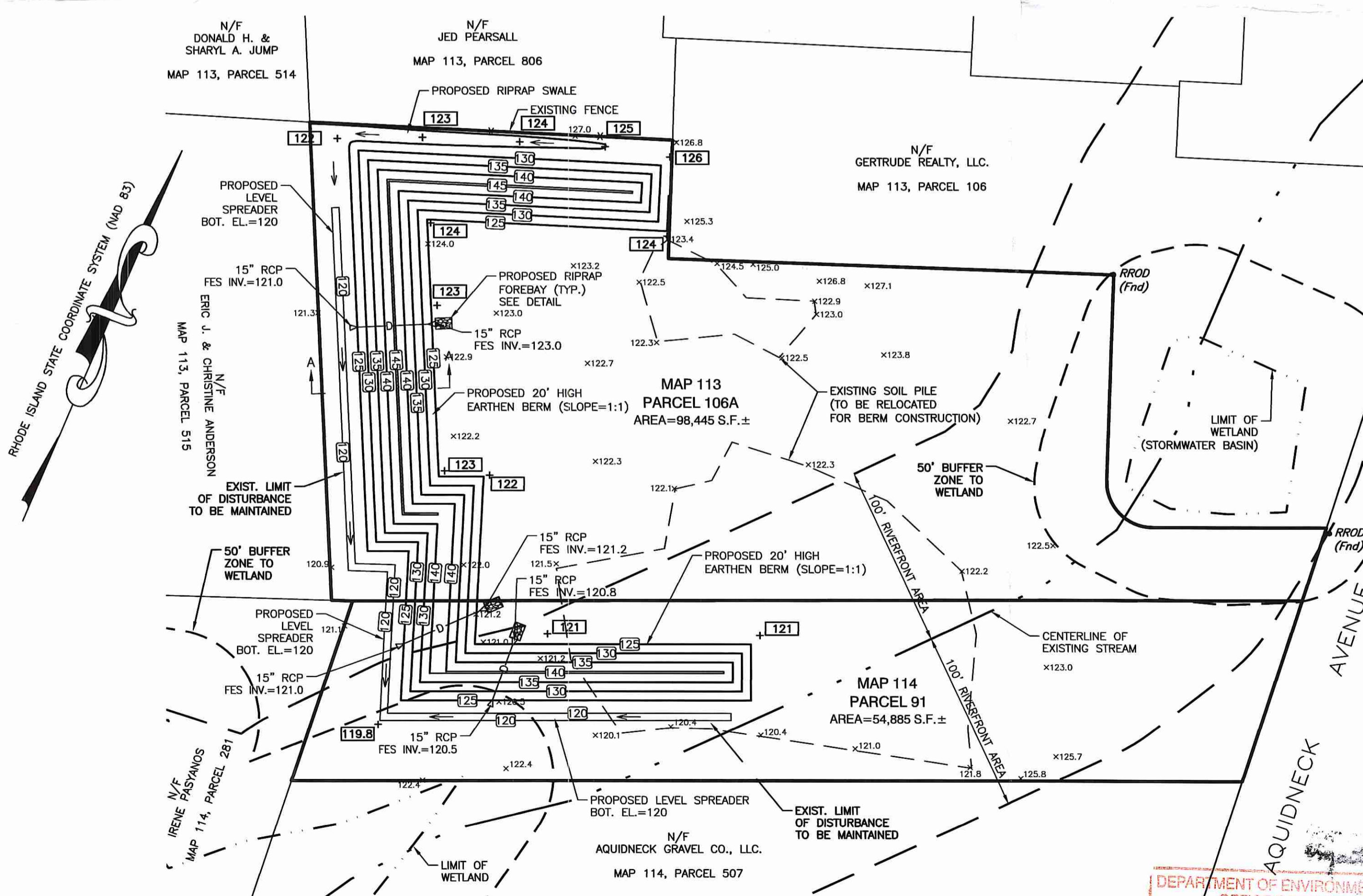
PROPOSED EARTHEN BERM CROSS SECTION A-A NOT TO SCALE



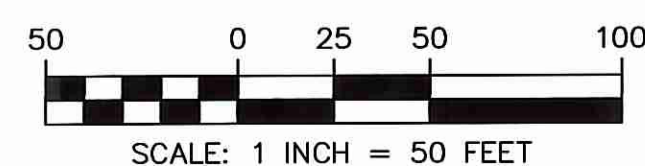
EXISTING SITE PLAN

**NOTE**

EXISTING SOIL PILE LOCATIONS ARE BASED ON AN ACTUAL ON THE GROUND SURVEY PERFORMED BY LAND DEVELOPMENT ENGINEERING & CONSULTING, LLC. IN MARCH 2016. THE AERIAL PHOTOGRAPHY IS BASED ON A 2014 IMAGE THAT WAS OBTAINED FROM THE TOWN OF MIDDLETOWN, RI GEOGRAPHIC INFORMATION SYSTEM (GIS) WEBSITE.



PROPOSED SITE PLAN



SCALE: 1"=50'

SCALE: 1"=50'

**LDEC**  
Land Development Engineering & Consulting, LLC  
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Middletown, RI 02842  
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NO.	DATE	DESCRIPTION
1.	5-19-16	GENERAL REVISIONS PER RIDEM

PLAN REVISIONS

DATE: MARCH 22, 2016

DRAWN BY: SKD/RLM DESIGN BY: MER CHECK BY: MER

PROJECT NO. 16020

ISSUED FOR:

PERMITTING

**MICHAEL E. RUSSELL**  
No. 7956  
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

SOIL EROSION & SEDIMENTATION CONTROL PLAN

1036 AQUINECK AVENUE  
ASSESSOR'S MAP 113, PARCEL 106A  
ASSESSOR'S MAP 114, PARCEL 91  
MIDDLETOWN, RHODE ISLAND

PREPARED FOR: MIDDLETOWN READY-MIX REALTY, LLC

DRAWING TITLE:

SITE PLAN

SCALE: 1"=50'

SHEET NO.

1 OF 1

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED MAY 25, 2016 FILE # 16-0079  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE