

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

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED MAY 22, 2017 FILE # 17-6064
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

LEGEND

---	EXISTING TOPOGRAPHY
- - - -	EXISTING WETLAND BOUNDARY
---	EXISTING WETLAND FLAG
- - - -	EXISTING PERIMETER WETLAND
---	PROPOSED TOPOGRAPHIC CONTOUR
S.F.	PROPOSED SILT FENCE
- - - -	PROPOSED LIMIT OF DISTURBANCE

No.	Revision	Date	App.
Designed By:	Drawn by: VAL	Checked by:	
Scale: 1"=50'	Date: 17MAR17		

Project Title:
WANUMETONOMY COUNTRY CLUB
A.P. 106, LOT 1
152 BROWN'S LANE
MIDDLETOWN, RHODE ISLAND

Client/Owner:
WANUMETONOMY COUNTRY CLUB
152 BROWN'S LANE
MIDDLETOWN, RI 02842

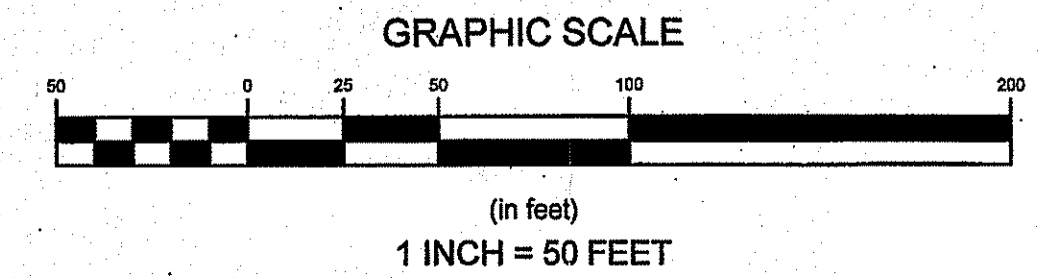
Issued for:
PERMITTING

Drawing Title:
AREA OF PROPOSED WORK

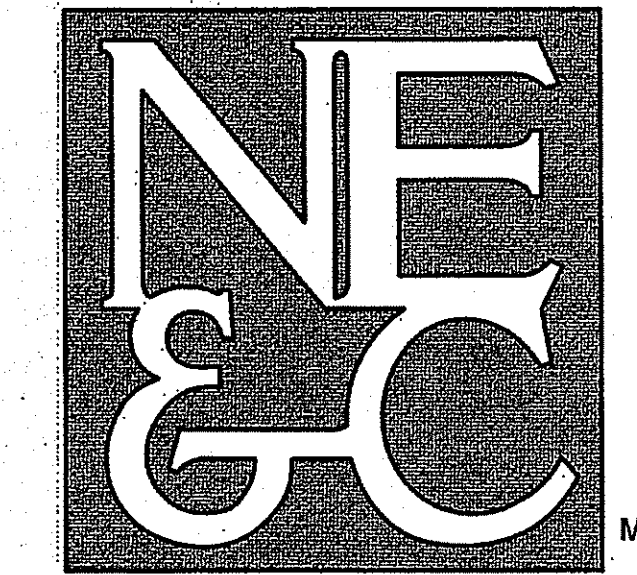
Drawing Number: C-1	
Sheet 1 of 2	Project Number: 16257.0
Survey Index: 13 - 106 - 1	

CAROLYN E. SMALL
No. 8550
3-22-17
REGISTERED PROFESSIONAL ENGINEER
CIVIL

- NOTES:**
- EXISTING TOPOGRAPHY TAKEN FROM AVAILABLE LIDAR SURVEY PROVIDED BY THE RHODE ISLAND GEOGRAPHIC INFORMATION SYSTEM.
 - EXISTING SITE FEATURES DIGITIZED FROM AERIAL PHOTOGRAPHIC.
 - WETLAND FEATURES DELINEATED BY NATURAL RESOURCE SERVICES OF HARRISVILLE, RHODE ISLAND IN MARCH OF 2017.
 - ALL INORGANIC MATERIAL EXCAVATED FROM THE IRRIGATION POND WILL BE REMOVED TO AN UPLAND LOCATION AWAY FROM ALL WETLANDS OR REMOVED OFF SITE.



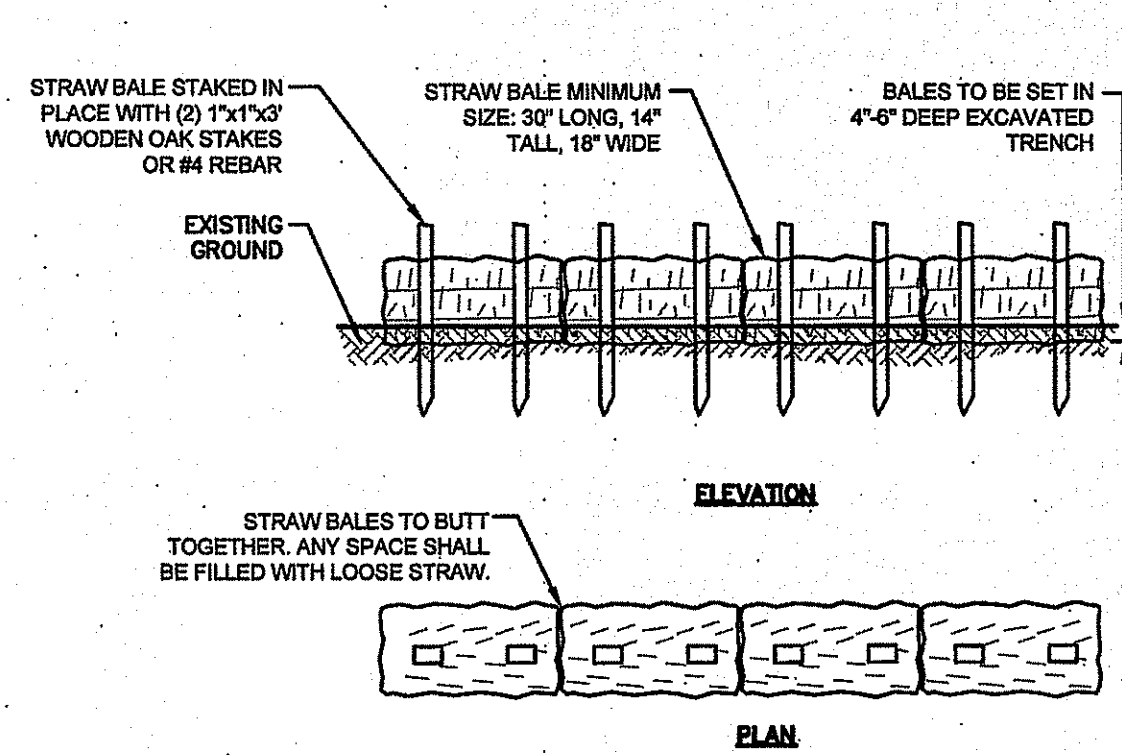
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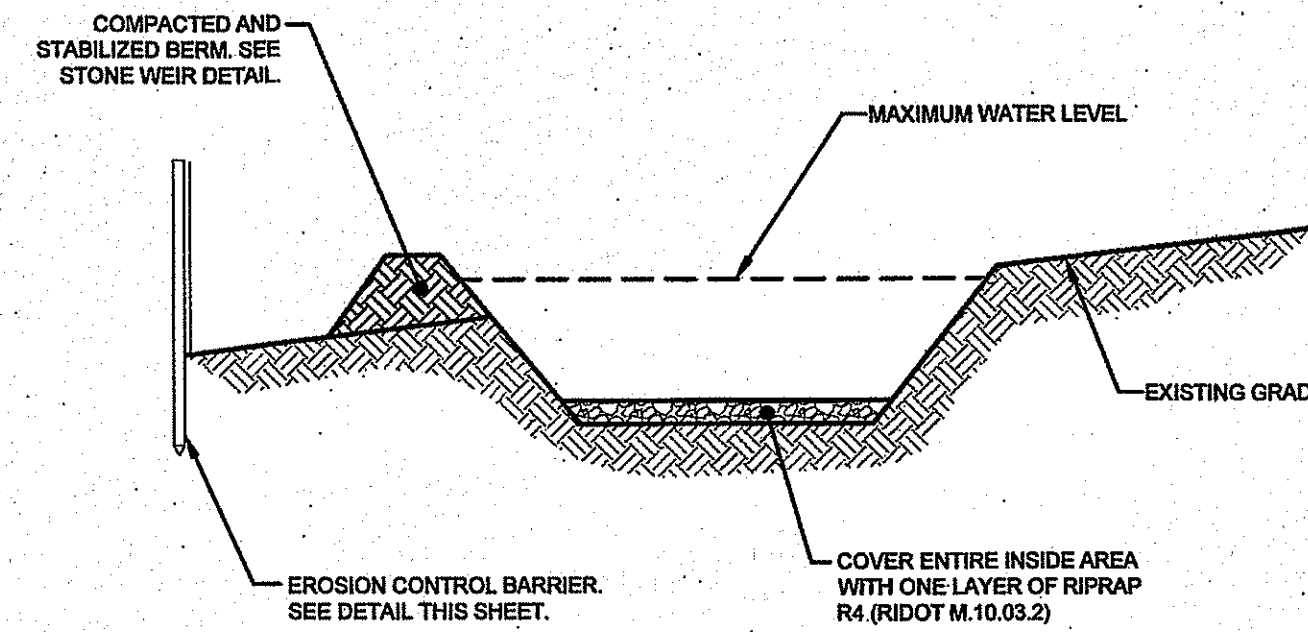
55 JOHN CLARKE ROAD MIDDLETOWN RHODE ISLAND 02842
PHONE (401) 849-0510 FAX (401) 846-4169
WWW.NORTHEASTENGINEERS.COM

SITE/CIVIL
LAND PLANNING
WATERFRONT
SURVEYING
GEOTECHNICAL
ENVIRONMENTAL
TRANSPORTATION
STRUCTURAL
MATERIALS TESTING



- NOTES:**
1. BALE WEIGHT SHALL NOT BE LESS THAN 50 LBS AND SHALL BE BOUND WITH NO LESS THAN TWO STRINGS OR WIRES CONTAINING A MINIMUM OF FIVE (5) CUBIC FEET OF MATERIAL. MINIMUM DIMENSIONS SHOWN IN DETAIL.
 2. STRAW BALES SHALL BE CERTIFIED AS BEING NOXIOUS WEED-FREE BALES. TO BE "CERTIFIED" MEANS THAT THE PRODUCT IS FREE OF ANY NOXIOUS WEEDS.
 3. STAKES SHALL BE DRIVEN THROUGH STAKES AT A SLIGHT UPSTREAM ANGLE TO PREVENT BALE FROM OVERTURNING.
 4. LOOSE STRAW SHALL BE WEDGED BETWEEN BALES AFTER INSTALLATION.
 5. MATERIAL EXCAVATED FROM TRENCH SHALL BE BACKFILLED, COMPACTED, AND STABILIZED.

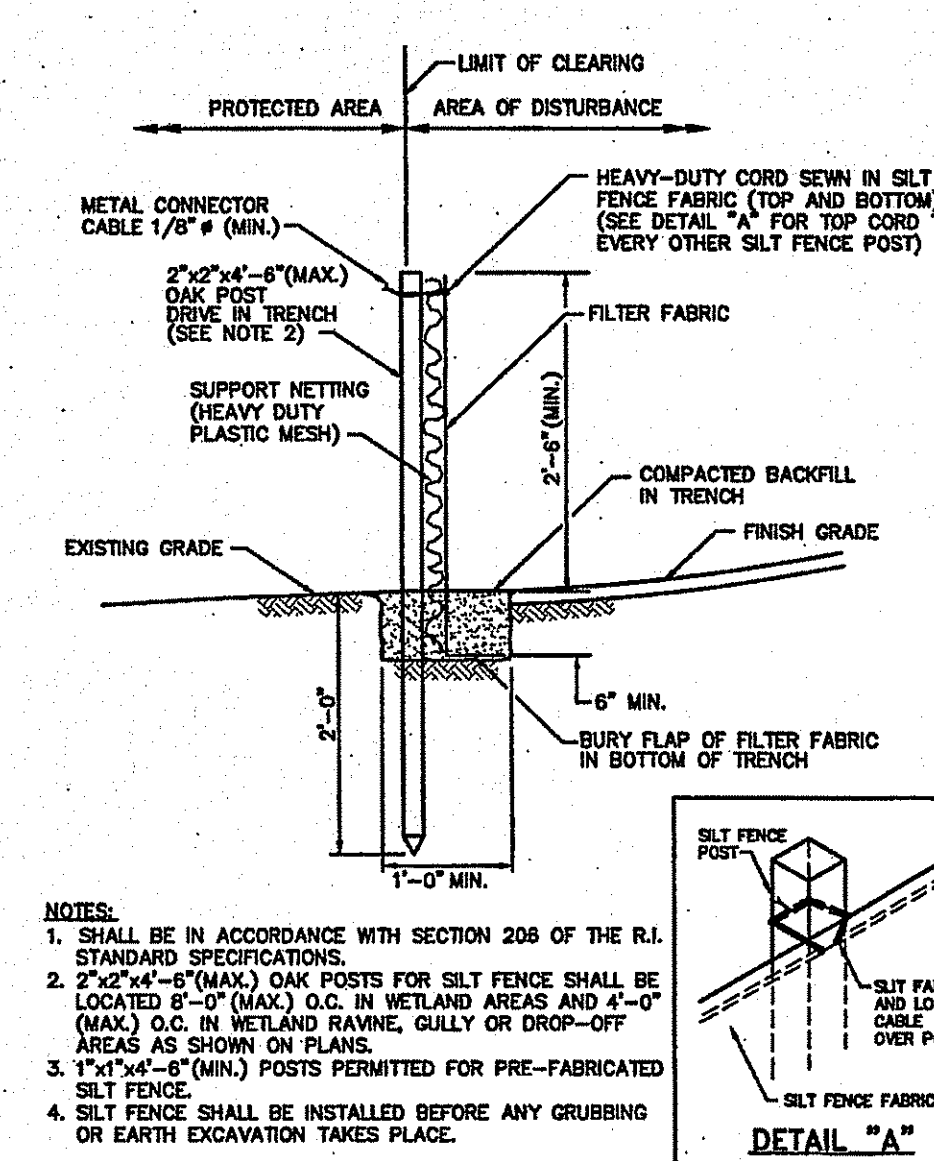
BALED STRAW EROSION CONTROL BARRIER
SCALE: NOT TO SCALE



- INSTALLATION NOTES:**
1. STRIP AND STOCKPILE TOPSOIL FROM THE CONTAINMENT AREA.
 2. DIVERT SURFACE WATER AWAY FROM CONTAINMENT AREA AS NECESSARY WITH ROWS OF BALED STRAW.
 3. CONSTRUCT THE BERM AROUND THE CONTAINMENT AREA WITH SUITABLE SOILS FREE OF FINE SANDS, SILT LOAMS, CLAY, PEAT AND MUCK.
 4. INSTALL THE GEOTEXTILE SILT FENCE TO FILTER THE DISCHARGE FROM THE DISTURBED AREA.
 5. PLACE THE SATURATED SOIL WITHIN THE CONTAINMENT AREA SUCH THAT DRAINAGE CAN OCCUR.

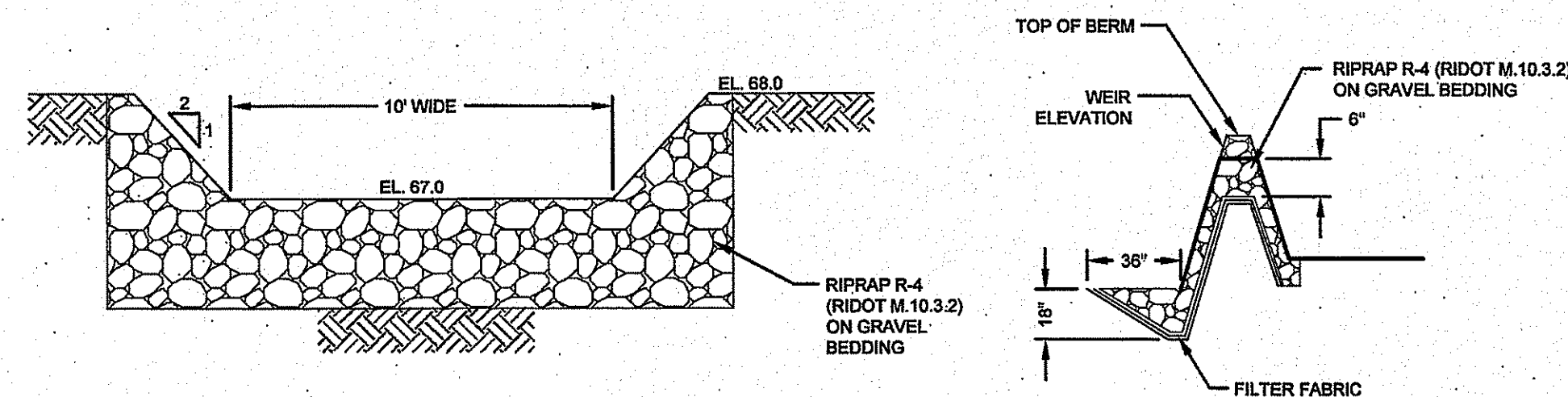
- MAINTENANCE NOTES:**
1. INSPECT DEWATERING AREA AND ASSOCIATED SEDIMENT CONTROLS ON A DAILY BASIS WHILE DEWATERING OPERATIONS ARE ACTIVE.
 2. WHEN DEWATERING OPERATIONS ARE NOT ACTIVE, INSPECT AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF.
 3. IF THE CONTAINMENT BERM FAILS TO OVERTOPPING, REPAIR BERM AND ANY DAMAGE CAUSED BY BERM FAILURE AND REDUCE USAGE OF CONTAINMENT AREA SUCH THAT OVERTOPPING IS PRESENTED.
 4. IF THE BERM EXPERIENCED AN INTERNAL STRUCTURAL FAILURE, CEASE USING THE CONTAINMENT AREA, ADD ADDITIONAL CONTROLS TO CONTAIN ERODED SEDIMENTS, REPAIR THE DAMAGE CAUSED BY THE BERM FAILURE, AND HAVE THE DEWATERING OPERATION REVIEWED BY THE DESIGN ENGINEERS FOR REPAIR REQUIREMENTS, REPAIR AND CLEAN OUT PERIMETER EROSION CONTROLS AS NEEDED.

DEWATERING BASIN SECTION
SCALE: NOT TO SCALE



- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. 2"x2"x4'-6" (MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAMPS, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

SILT FENCE EROSION CHECK (RIDOT 9.2.0)
SCALE: NOT TO SCALE



CONTAINMENT AREA STONE WEIR DETAIL
SCALE: NOT TO SCALE

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Wendell

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Designed by:		Drawn by: VAL	Checked by:
Scale:	AS SHOWN	Date:	17MAR17
Project Title:			
WANUMETONOMY COUNTRY CLUB			
A.P. 106, LOT 1 152 BROWN'S LANE MIDDLETOWN, RHODE ISLAND			
Client/Owner:			
WANUMETONOMY COUNTRY CLUB 152 BROWN'S LANE MIDDLETOWN, RI 02842			
Issued for:			
PERMITTING			
Drawing Title:			
PROPOSED DETAILS			
Drawing Number:		C-2	
Sheet 2 of 2		Project Number: 16257.0	
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