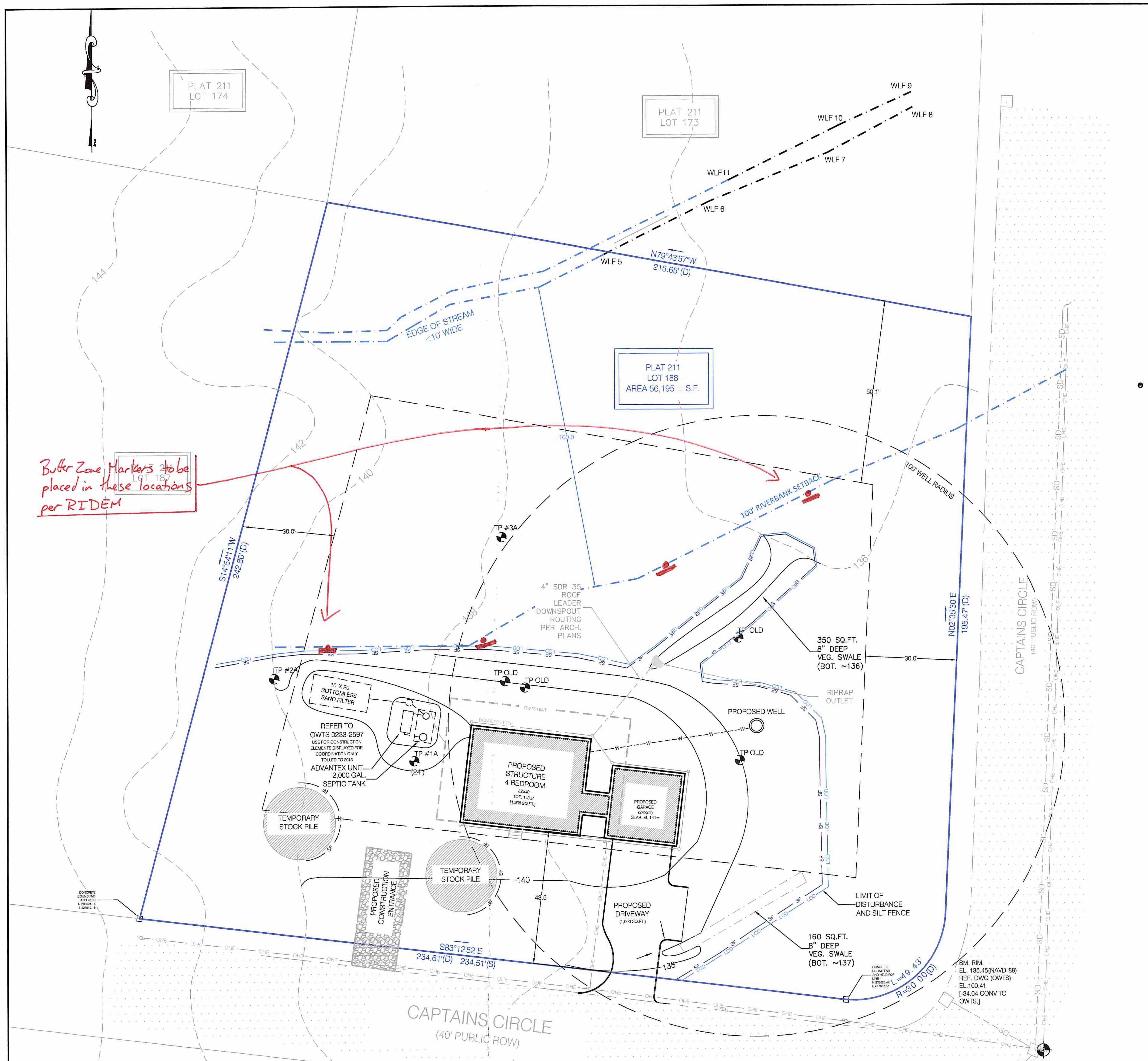
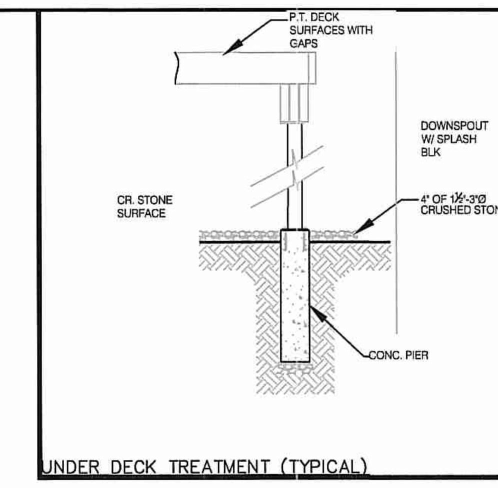
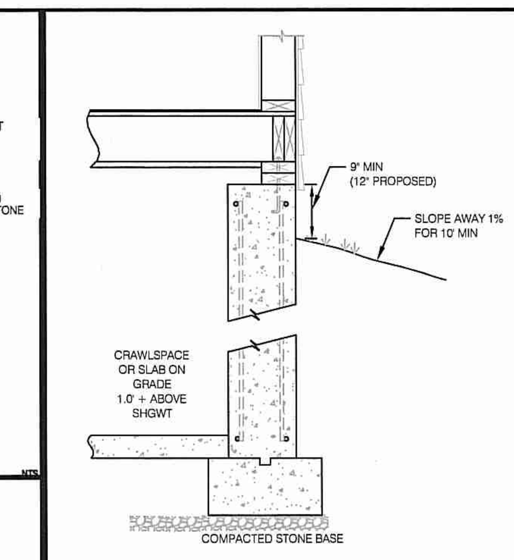


LOCATION OF SUBSURFACE UTILITIES REPRODUCED FROM FIELD SURVEY AND BEST AVAILABLE INFORMATION. CONTRACTOR TO CALL DIG SAFE AND/OR APPLICABLE UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. DIG SAFE TEL.#:1-800-344-7233 (1-800-DIG-SAFE).



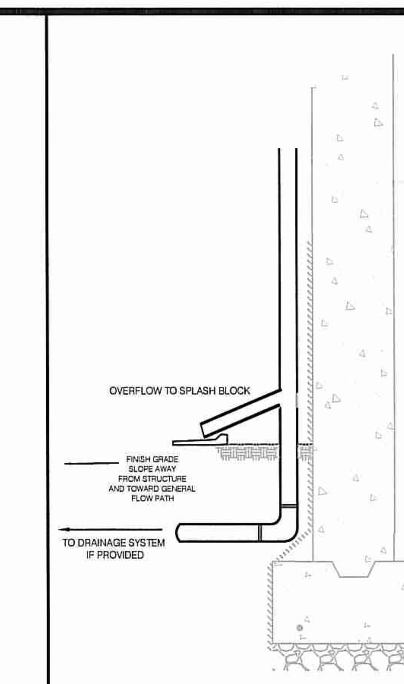
UNDER DECK TREATMENT (TYPICAL)

NTS



TYPICAL FOUNDATION

(NTS)



ROOF LEADER OVERFLOW DETAIL

NOTES

ZONING REQUIREMENTS:

ZONE: R60

MINIMUM LOT AREA: 60,000 SQ. FT.
MINIMUM LOT WIDTH: 50 FEET

MINIMUM SETBACKS:

MINIMUM FRONT: 40 FEET
MINIMUM SIDE YARD: 30 FEET
MINIMUM REAR YARD: 60 FEET

MAXIMUM BUILDING HEIGHT: 30
MAXIMUM COVERAGE: 15%

ZONING REQUIREMENTS PER *ARTICLE V. - DISTRICT DIMENSIONAL REGULATIONS* Section 1. - Dimensional regulations table OF THE TIVERTON, RI ZONING ORDINANCE

REFERENCE:

PLAN REFERENCE

"DEFINITIVE PLAN "WINDWOOD ESTATES" SECTION C IN TIVERTON, R OWNED BY LEO H. BERUBE JR. OF TIVERTON, RI SCALE 1" = 100' OCTOBER 28, 1976 ERNEST L. SIMPSON 243 RIVERSIDE DRIVE TIVERTON, RI"

DEED REFERENCE

DEED VOLUME 223, PAGE 204.
DEED VOLUME 1943, PAGE 227.
DEED VOLUME 1389, PAGE 302.
DEED VOLUME 907, PAGE 227.

SEDIMENT AND EROSION CONTROL NARRATIVE:

SITE DESCRIPTION:
THE PROPOSED SITE IS LOCATED ON GREYSTONE TERRACE IN PORTSMOUTH, RI. THE LOT IS CURRENTLY VACANT AND IN A GRASSED VEGETATED STATE. THE SITE SLOPES FROM NORTH EAST TO SOUTH WEST AT APPROXIMATELY A 7.0% SLOPE.

CONSTRUCTION:
THE PROPOSED CONSTRUCTION CONSISTS OF A NEW SINGLE FAMILY DWELLING, DRIVEWAYS, AND ASSOCIATED INFRASTRUCTURE

CONSTRUCTION ACTIVITY NOTES:

ESTIMATED STARTING DATE OF CONSTRUCTION ESTIMATED:	APRIL 2016
COMPLETION DATE OF CONSTRUCTION ESTIMATED:	JUNE 2016
REMOVAL DATE OF REMOVAL OF SILT FENCE:	SEPT 2016

QUANTITIES NOTES:
THE FOLLOWING QUANTITIES OF SOIL WILL BE EXCAVATED:
420 CUBIC YARDS OF LOAM WILL BE STRIPPED FROM THE SITE
600 CUBIC YARDS OF SOIL WILL BE EXCAVATED FOR THE FOUNDATION
350 CUBIC YARDS OF SOIL WILL BE EXCAVATED FOR THE OWTS

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE TOWN/CITY PRIOR TO COMMENCING ANY WORK
2. IT SHALL ALSO BE THE CONTRACTORS SOLE RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF ALL EXISTING UTILITIES, STRUCTURES, AND ABUTTING PROPERTIES. THE COST OF ANY REPAIR OR REPLACEMENT OF DAMAGE ITEMS SHALL BE BORNE BY THE CONTRACTOR.
3. ALL WORK PERFORMED HEREIN SHALL CONFORM TO THE "R.I. RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (AMENDED DECEMBER 2010)
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR QUANTITY TAKE-OFF IN COMPUTING ANY ESTIMATES
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION INDICATED ON THESE PLANS. THAT INCLUDES ANY UTILITY REPAIR REQUIRED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAIN ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
7. THE LOCATION OF EXITING UTILITIES AS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR. "DIG SAFE" SHALL BE CONTACTED BY THE CONTRACTOR AS PART OF THIS VERIFICATION.
8. ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH "R.I. RIDOT STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (AMENDED DECEMBER 2010)"
9. ALL EXCESS SOIL, STUMPS, TREES, ROCKS, BOULDERS AND OTHER REFUSE SHALL BE DISCARDED IN AN APPROVED OFF-SITE LOCATION

SEDIMENTATION AND EROSION CONTROL:

1. PRIOR TO THE START OF ANY LAND CLEARING / GRUBBING ACTIVITIES SILT FENCE SHALL BE PLACED ACCORDING TO PLANS.
2. SILT FENCE SHALL BE MAINTAINED UNTIL ALL CONSTRUCTION IS COMPLETED AND LAWN IS CUT AT LEAST THREE TIMES
3. SILT FENCE SHALL BE PLACED IN ACCORDANCE TO THESE PLANS HOWEVER THE TOWN/CITY MAY REQUIRE SILT FENCE TO BE EXTENDED
4. ALL TEMPORARY STOCK PILES AND LOOSE DIRT SHALL BE KEPT MOIST TO REDUCE DUST MIGRATION FOR THE SITE. CALCIUM CHLORIDE SHALL ONLY BE USED IF AN APPROVAL FROM THE TOWN/CITY HAS BEEN GRANTED. TEMPORARY STOCK PILES SHALL BE KEPT COVERED AT ALL TIMES.
5. ANY SILT ACCUMULATION OUTSIDE OF SILT FENCE SHALL BE REMOVED WITHIN 24 HOURS.
6. DISTURBED, CLEARED, OR EXPOSED AREAS SHALL BE STABILIZED WITH TEMPORARY MEASURES CONSISTING OF HAY, STRAW, OR FIBER MULCH OR PROTECTIVE MAT OR FIBER LINING. THEY SHALL BE INCORPORATED INTO THE WORK OR AS DIRECTED BY THE ENGINEER OR CITY/TOWN.
7. HAY OR MULCH APPLICATIONS SHALL BE IN THE AMOUNT OF 3,000-4,000 LBS/AC.
8. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE PROPERLY MAINTAINED.
9. IF WORK IS INTERRUPTED AT ANY POINT REFERENCE THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HAND (REV. 2014)" FOR SITE STABILIZATION AND COMPLETE PRIOR TO CEASING WORK.
10. ALL SEDIMENT AND EROSION CONTROL PLACEMENT, SIZING AND MAINTENANCE SHALL BE IN ACCORDANCE TO THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (REV. 2014)"

SEQUENCE OF CONSTRUCTION:

1. CONTRACTOR/OWNER SHALL NOTIFY THE TOWN/CITY IN ADVANCE OF INTENT TO BEGIN CLEARING AND CONSTRUCTION ACTIVITIES
2. INSTALL SILT FENCE AS PER PLAN
3. STRIP AND STOCK PILE OR REMOVE LOAM FROM PROPERTY
4. INSTALL CONSTRUCTION ENTRANCE AND ANY REMAINING SEDIMENT CONTROL MEASURES.
5. EXCAVATE FOUNDATION, AND COMMENCE STRUCTURE FRAMING
6. EXCAVATE LEACHING FILED (IF INDICATED ON PLANS)
7. EXCAVATE AND INSTALL UTILITIES AND ACCESSORY ITEMS
8. GRADE, LOAM AND SEED, AND STABILIZE ALL DISTURBED AREAS
9. UPON COMPLETION AND PRIOR TO REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES CONTRACTOR/OWNER SHALL CONTACT THE TOWN/CITY FOR FINAL INSPECTION

NOTE:
-NO VEGETATIVE WETLANDS PER BIOLOGIST, FLAGGING PERFOMED BY BRANDON FANEUF, PWS, FEB. 2016
-REFER TO OWTS APP NO0233-2597 FOR OWTS DETAILS AND DESIGN (TOLLED TO 2018)

DEPARTMENT OF ENVIRONMENTAL MANAGEMEN
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 16-0076
DATED MAY 6 2016
SEE LETTER OF SAME DATE.

NO FEMA MAP PRINTED FOR AREA

FLOOD ZONE

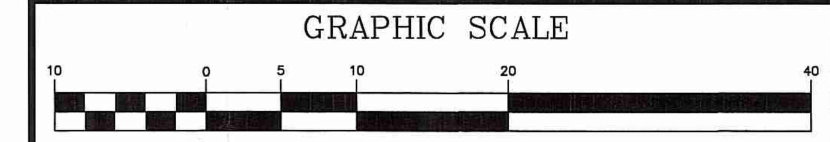
- SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE: "X" PER FEMA PANEL 25005C0344F, EFF. 7/7/2009.

DATUM

ELEVATIONS AS PER NAVD 88

LEGEND:

Symbol	Description
(blue line)	PROPERTY LINE
(line)	EDGE OF PAVEMENT
— — —50— — —	GRADE CONTOUR
(dash-dot line)	EXISTING WETLAND BOUNDARY
(dash line)	50' WETLAND BUFFER
—— OHE —— OHE ——	EXISTING OVERHEAD ELECTRIC
☐	EXISTING CATCH BASIN
⊡	EXISTING CONCRETE BOUND
⊗	EXISTING WELL
⊕	BENCHMARK SET
100.00'(D)	PLAN / DEED DIMENSION
100.00'(S)	SURVEY DIMENSION



NARRAGANSETT ENGINEERING INC.

MAIN OFFICE:
3102 EAST MAIN ROAD,
PORTSMOUTH, RI 02871
TEL : (401) 683-6630

nei-cds.com

SHEET TITLE

PROPOSED SITE PLAN

(RIDEM WETLANDS,
TOWN OF TIVERTON)

OWNER(S) OF RECORD
DAVIS LOGAN,
DAVIS LOGAN CONSTRUCTION
(UNDER SALES AGREEMENT)
81 DURFEE ROAD
TIVERTON RI 02878

LOCATION
0 CAPTAIN'S CIRCLE
TIVERTON, RI 02878

PLAT: 211 LOT: 188

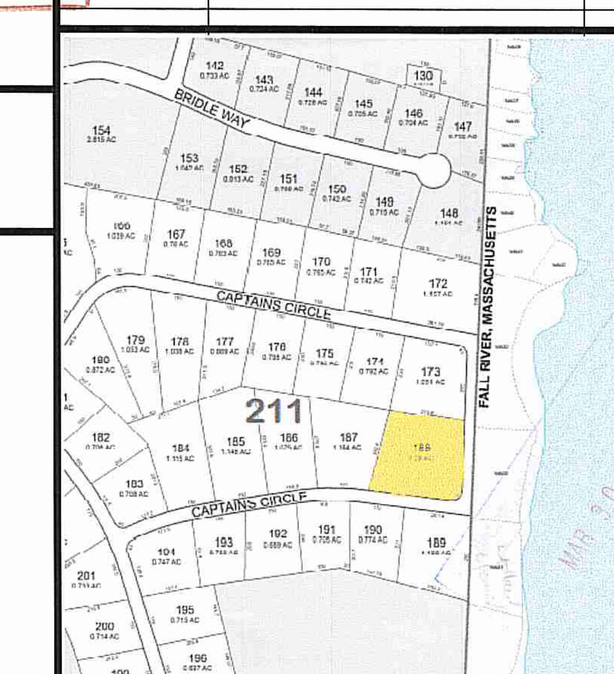
FORMERLY MAP 4-11 BLOCK 204, LOT 60

KAMAL R. HINGORANY
NO. 4089
REGISTERED PROFESSIONAL ENGINEER

PROJECT No.	DATE	DRAWN	CHECK
16.0120	03.18.2016	BA	NKH/KH

REVISIONS

DATE	DESCRIPTION	BY

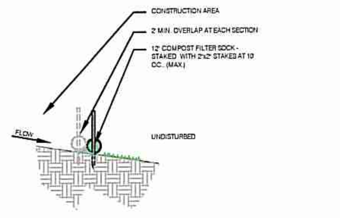


LOCUS MAP

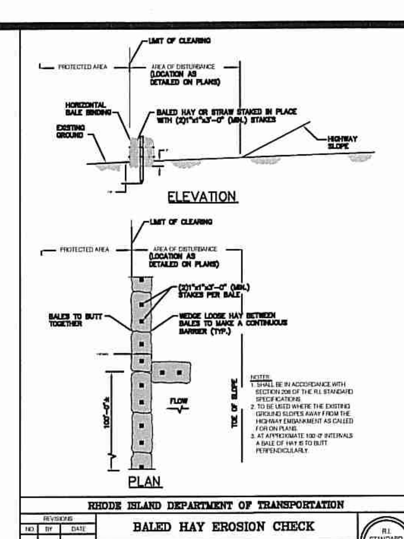
SHEET	SCALE
1 OF 1	1" = 10'

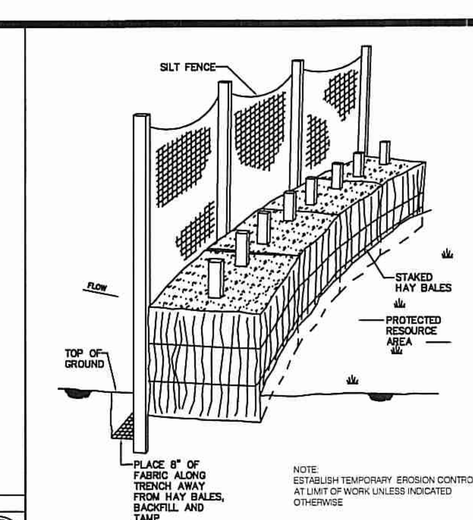
206.03.4 COMPOST FILTER SOCK.
(REF. RIDOT STD FOR ROAD AND BRIDGE CONSTRUCTION)
A. INSTALLATION. COMPOST FILTER SOCKS SHALL BE CONSTRUCTED AT THE LOCATIONS, AND IN ACCORDANCE WITH THE DETAILS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE FOLLOWING STIPULATIONS ALSO APPLY:
1. COMPOST FILTER SOCKS MAY BE EITHER FABRICATED ON SITE OR DELIVERED TO THE SITE.
2. COMPOST MEDIA SHALL CONFORM TO AASHTO MP 9-06 AND RIDOT SECTION 206
3. TRENCHING IS NOT REQUIRED. COMPOST FILTER SOCKS SHALL BE PLACED OVER THE TOP OF GROUND, WOODEN STAKES SHALL BE DRIVEN THROUGH THE CENTER OF THE FILTER SOCKS TO ANCHOR THEM TO THE GROUND. TO ENSURE OPTIMUM PERFORMANCE, HEAVY VEGETATION SHALL BE CUT DOWN OR REMOVED, AND EXTREMELY UNEVEN SURFACES SHALL BE GRADED TO ENSURE THAT THE COMPOST FILTER SOCK UNIFORMLY CONTACTS THE GROUND SURFACE.
4. FILTER SOCKS SHALL BE PLACED IN A CONTINUOUS LINE. WHERE ENDS INTERSECT THEY SHALL BE SLEEVED TO CREATE AN INTERLOCK WITH A TWO (2) FOOT OVERLAP. AFTER ONE SECTION IS FILLED AND THE ENDS TIED OFF, THE NEXT SECTION SHALL BE PULLED OVER THE TIED OFF END OF THE PREVIOUS SECTION, TO CREATE A 2 FOOT OVERLAP. THE OVERLAP SHALL BE STAKED. THE INTERSECTING OVERLAPS SHALL BE CONSTRUCTED TO ENSURE THAT STORMWATER DOES NOT BREAK THROUGH AT THESE INTERSECTION POINTS.

B. REMOVAL. THIS WORK, IF REQUIRED, SHALL INCLUDE THE REMOVAL OF THE COMPOST FILTER SOCK AND STAKES. UNLESS BIODEGRADABLE, THE MESH FILTER SOCK MATERIAL SHALL BE CUT OPEN AND THE MESH REMOVED. IN GENERAL, THE COMPOST FILTER MATERIAL MAY BE LEFT IN PLACE, HOWEVER THE MATERIAL WILL BE RAKED OUT LEVELED TO SURROUNDING GRADES, THEN SEEDED. PRIOR TO SUCH REMOVAL, HOWEVER, ALL SILT, MUD AND DEBRIS ENTRAPPED OUTSIDE OF THE COMPOST FILTER SOCK SHALL BE REMOVED AND THE AREA CLEANED UP IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 212 OF THESE SPECIFICATIONS. IMMEDIATELY UPON REMOVAL OF THE COMPOST

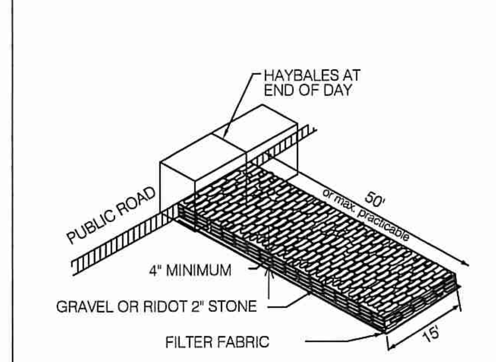


COMPOST FILTER SOCK DETAIL



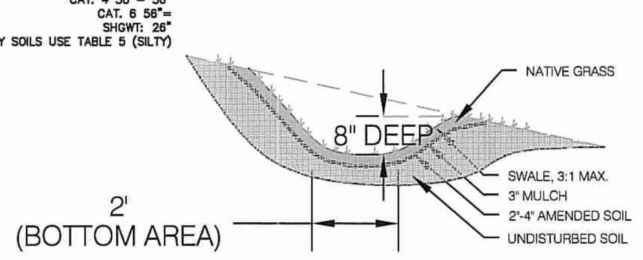


HAYBALE AND SILT FENCE EROSION CONTROL
N.T.S.



CONSTRUCTION ENTRANCE DETAIL
SCALE: N.T.S.

SOIL CAT. 3 (UPPER TO 30")
CAT. 4 30 - 56"
CAT. 6 56"=
SHGWT: 26"
SILTY SOILS USE TABLE 5 (SILTY)



SWALE -1
STRUCTURE:
1,936 ~ 2,000 SQ.FT.
BOTTOM AREA REQUIRED:
MIN. 320 SQ.FT. (TABLE 5) FOR 8" DEEP SWALE
USE 350 SQ.FT. SWALE

SWALE -2
DRIVEWAY: 1,000 SQ.FT.
MIN. 160 SQ.FT (TABLE 5) FOR 8" DEEP SWALE
USE 160 SQ.FT. SWALE

Vegetated swales shall be inspected annually and should be inspected after large storm events.

Eroded side slopes and channel bottoms shall be stabilized as necessary.

If the surface of the dry swale becomes clogged to the point that standing water is observed on the surface 48 hours after precipitation events, the bottom shall be roto-tilled or cultivated to break up any hard-packed sediment, and then reseeded.

Vegetation in dry swales shall be mowed as required to maintain minimum grass heights in the 4-6 inch range.

Every five years, the channel bottom of dry swales should be scraped to remove sediment and to restore original cross section and infiltration rate, and should be seeded to restore ground cover, where necessary

TYPICAL SWALE PROFILE
TABLE 5

N:\PROJECTS\16.0120_LOGAN (CAPTAIN'S CIRCLE)\G1 DEV\nnACAD-16.0120_LOGAN_3.17.16_BA.dwg, 3/28/2016 1:34:11 PM, Neals Office, 1:20