RI STAET PLANE COORDINATE SYSTEM

SIMMONS ROAD

MAPLE AVENUE

EXISTING GRAVEL DRIVEWAY

APPROX. OWTS PER RIDEM #75180I2

EXISTING OWTS LEACHFIELD TO BE ABANDONED IN PLACE

PROPOSED 1500 GALLON SEPTIC TANK

PROPOSED OWTS REPLACEMENT LEACHING FIELD

PROPOSED CONSTRUCTION ENTRANCE

100' TO EXISTING WELL

100' TO EXISTING WELL

EXISTING FENCE

EXISTING FENCE

WELL

EXISTING 3 BEDROOM DWELLING F.F.F. = 91.5 T.O.F. = 90.8

PATIO

PATIO

GWT

GWT

GWT

100' TOWN OWTS & BUILDING SETBACK

PROPOSED 1 BEDROOM GUEST HOUSE (768 SF) T.O.F. = 91.0

EXISTING GUEST HOUSE TO BE DEMOLISHED

PROPOSED COMPOST FILTER SOCK OR SILT FENCE EROSION CONTROL = LIMIT OF DISTURBANCE

EXISTING SEPTIC TANK TO BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH RIDOH AND RIDEM REGULATIONS

FIREPIT

100' TOWN OWTS & BUILDING SETBACK TO APPROXIMATE OFFSITE WETLAND

PROPOSED 195 SF STORMWATER RAIN GARDEN, REFER TO DETAIL

100' TO EXISTING WELL

50' PERIMETER WETLAND

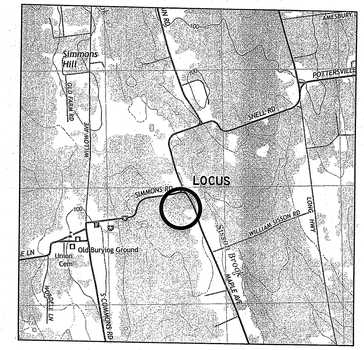
SWAMP (> 3 ACRES IN SIZE)

FORESTED WETLAND (< 3 ACRES IN SIZE) NO 50' PERIMETER WETALND

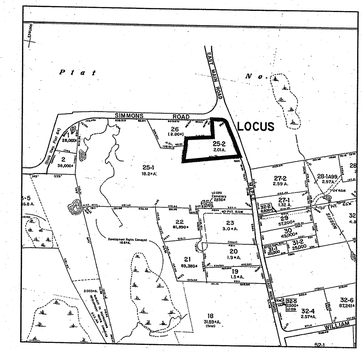
FORESTED WETLAND (< 3 ACRES IN SIZE) NO 50' PERIMETER WETALND

0' 20' 40' 60'

GRAPHIC SCALE



LOCUS MAP
SCALE: 1"=2000'



ASSESSOR'S MAP
NOT TO SCALE

LEGEND

- 100 — EXISTING CONTOUR
- STONE WALL
- DELINEATED WETLAND EDGE
- 50' PERIMETER WETLAND
- 100' TOWN BUILDING & OWTS
- WELL
- UTILITY POLE
- BUILDING ZONING SETBACK
- FENCE
- APPROXIMATE EDGE OF VEGETATION
- OWTS COVER
- 50' TOWN ADMIN. APPROVAL SETBACK (NO RI DEM)

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION #: 22-0378
DATED: OCT 14 2022
SEE LETTER OF SAME DATE
Nancy L. Freeman

RI Environmental Management
JUN 30 2022
Office of Water Resources

WILLIAM F. SMITH
No. #5084
REGISTERED PROFESSIONAL ENGINEER

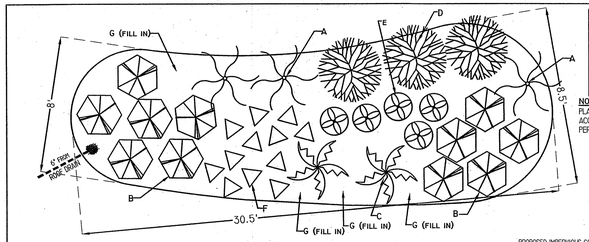
REVISIONS:
#2; 06/28/22: PROPOSED GUEST HOUSE
#1; 08/02/21: CORRECT WETLAND FLAGS

PROPOSED SITE PLAN
PREPARED FOR
KARL & LINNEA HOYT
ASSESSOR'S PLAT 30 LOT 25-2
3 MAPLE AVENUE
LITTLE COMPTON, RHODE ISLAND

SCALE: 1" = 20'
DATE: AUGUST 30, 2021

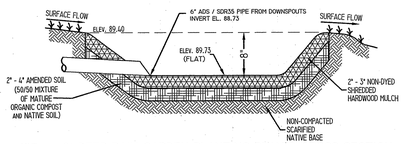
Civil Engineering Concepts, Inc.
34A MAIN STREET
LITTLE COMPTON, RI 02837
PH: (401) 592-0177
FAX: (401) 592-0178
EMAIL: wsmithcec@aol.com

SHEET 1 OF 2
JOB#: 20-110



SYMBOL	PLANT SPECIES	# OF PLANTS
A	SWEET PEPPER BUSH	(3)
B	JOE PYE WEED	(11)
C	SWEET FERN	(2)
D	HIGHBUSH BLUEBERRY	(3)
E	BUTTERFLY MILKWEED	(5)
F	BLUE FLAG IRIS	(12)
G	BEARBERRY	(15) FILL IN

NOTE:
PLANTS MUST BE INCLUDED ON RI COASTAL PLANT LIST AS ACCEPTABLE FOR RAIN GARDENS. SUBSTITUTIONS WILL BE PERMITTED WITH CONCURRENCE FROM RI CRMC.



195 SF, 8" DEEP RAIN GARDEN PLANTING PLAN & CROSS SECTION
(NOT TO SCALE)

PROPOSED IMPERVIOUS COVERAGE:
1,208 SF PROPOSED BUILDING (INCLUDING PATIO)

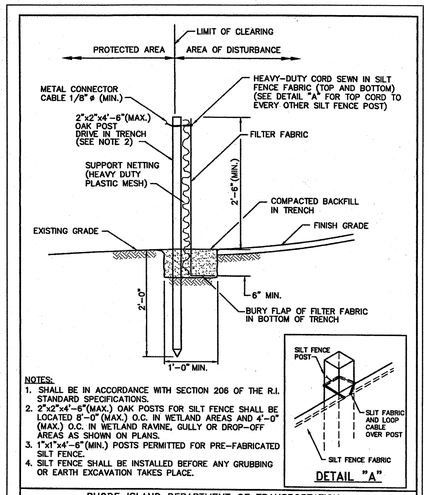
1,208 SF TOTAL INCREASE IN IMPERVIOUS AREA

PER RI STORMWATER MANAGEMENT GUIDELINES FOR INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOT DEVELOPMENT, TABLES 7 AND 8, RAIN GARDEN SIZING

$\frac{160 \text{ SF OF RAIN GARDEN}}{1000 \text{ SF OF IMPERVIOUS AREA}}$ x IMPERVIOUS AREA = REQUIRED SF OF RAIN GARDEN

$\frac{160 \text{ SF OF RAIN GARDEN}}{1000 \text{ SF OF IMPERVIOUS AREA}}$ x 1,208 SF = 193 SF REQUIRED OF RAIN GARDEN

DRAINAGE AREA REQUIRED FOR 8" DEEP RAIN GARDEN, SILTY SOIL = 193 SF REQUIRED RAIN GARDEN AREA (195 SF PROPOSED)



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 RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
3. 1"x1"x4'-6"(MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

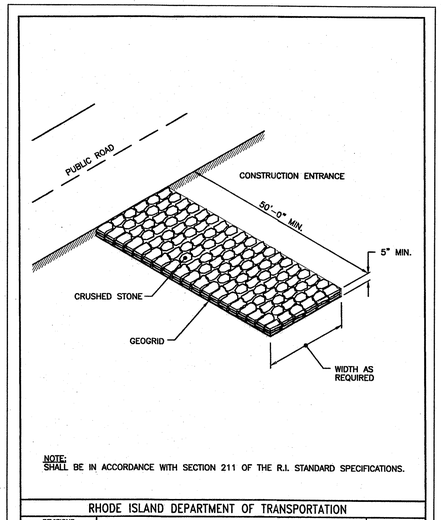
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

SILT FENCE DETAIL

CHIEF ENGINEER TRANSPORTATION — CHIEF DESIGN ENGINEER TRANSPORTATION — JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 9.2.0



NOTE:
SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

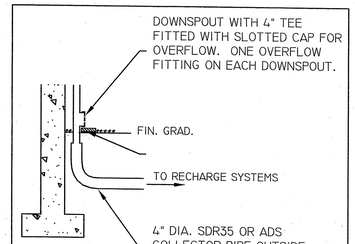
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

CONSTRUCTION ACCESS

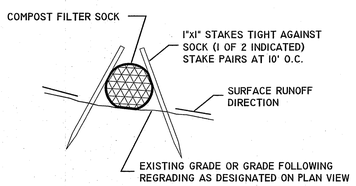
CHIEF ENGINEER TRANSPORTATION — CHIEF DESIGN ENGINEER TRANSPORTATION — JUNE 15, 1998 ISSUE DATE

R.I. STANDARD 9.9.0



DOWNSPOUT CONNECTOR DETAIL
NOT TO SCALE

COMPOST FILTER (SILT) SOCK MAY BE UTILIZED IN PLACE OF SILT FENCE



COMPOST FILTER SOCK SPECIFICATION:

COMPOST FILTER SOCK SHALL COMPLY WITH SECTION 206.01.4, 206.02.04 AND 206.03.4 OF THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED 2013, WITH ALL REVISIONS, AS FOLLOWS:
COMPOST FILTER SOCK MATERIAL AND COMPOST MATERIAL SHALL BE IN ACCORDANCE WITH AASHTO DESIGNATION:MP 9-06 (2007 OR LATEST EDITION). COMPOST SHALL ALSO MEET ALL APPLICABLE FEDERAL AND STATE REGULATIONS. FOR COMPOST FILTER SOCKS 18 INCHES OR LESS IN DIAMETER, WOODEN STAKES SHALL BE 1 INCH BY 1 INCH, AT 10 FOOT INTERVALS ON CENTER, AND OF A LENGTH THAT SHALL PROJECT INTO THE SOIL 1 FOOT LEAVING 3 INCHES TO 4 INCHES PROTRUDING ABOVE THE FILTER SOCK.

COMPOST FILTER SOCK DETAIL

NOT TO SCALE

NOTES:

1) ALL WORK SHALL COMPLY WITH THE ISSUED RIDEM PERMIT. A COPY OF THE RIDEM PERMIT AND APPROVED PLAN SHALL BE KEPT ON-SITE FOR THE DURATION OF THE PROJECT.
2) NO FUELING OF VEHICLES IS PERMITTED WITHIN 100 FEET OF THE WETLAND FEATURE.
3) COMPOST FILTER SOCK OR SILT FENCE EROSION CONTROL SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES AND REMAIN IN PLACE UNTIL COMPLETION AND OF THE PROJECT AND GRASS IS RE-ESTABLISHED IN DISTURBED AREAS. COMPOST FILTER SOCK OR SILT FENCE SHALL BE INSPECTED DAILY AND REPLACED OR MAINTAINED AS NECESSARY.
4) THE SITE SHALL BE POLICED DAILY FOR TRASH AND CONSTRUCTION DEBRIS. ALL SUCH MATERIALS SHALL BE DISPOSED OF IN THE PROPER RECEPTACLES.
5) IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY DIG SAFE AS REQUIRED BY LAW PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. UTILITIES DEPICTED ON THIS PLAN ARE APPROXIMATE ONLY. OTHER UTILITIES MAY EXIST ON SITE THAT ARE NOT SHOWN ON THIS PLAN.

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