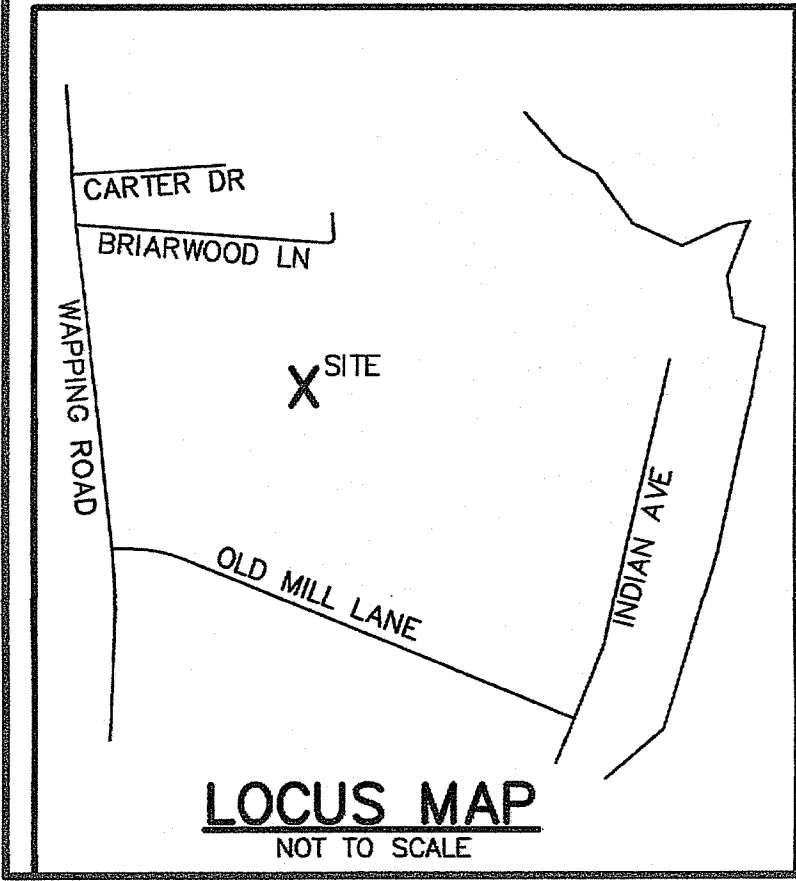


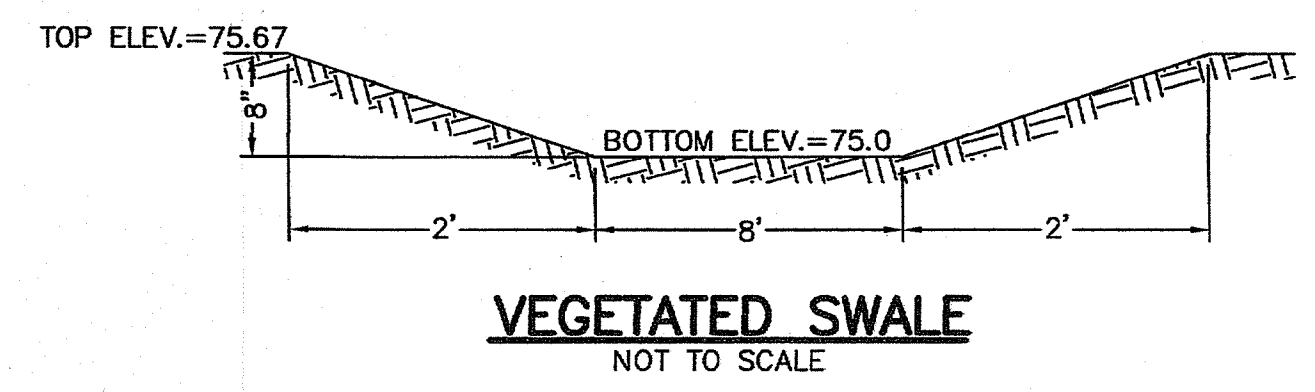
**9" DIAMETER STRAW FILTERMITT**  
**EROSION & SEDIMENTATION CONTROL**  
 NOT TO SCALE



**LOCUS MAP**  
 NOT TO SCALE

- GENERAL MAINTENANCE REQUIREMENTS FOR VEGETATED SWALE:**
- 1) SWALE SHOULD BE MOWED AT LEAST ONCE PER GROWING SEASON TO PREVENT ESTABLISHMENT OF WOODY GROWTH AND OTHER UNDESIRABLE PLANTS TO INHIBIT PROPER PERFORMANCE. GRASS VEGETATION SHOULD NOT BE CUT SHORTER THAN 4 INCHES.
  - 2) BARE SPOTS AND ERODED AREAS WITHIN THE SWALE MUST BE RESEDED IMMEDIATELY FOLLOWING OBSERVATIONS TO PREVENT SUBSEQUENT FAILURE OF THE SYSTEM.
  - 3) SWALE SHOULD BE INSPECTED ON A SEMI-ANNUAL BASIS. ALL TRASH AND OTHER LITTER MUST BE REMOVED DURING INSPECTIONS.
  - 4) SEDIMENTS SHOULD BE REMOVED AT LEAST ONCE PER YEAR OR MORE FREQUENTLY IF SEDIMENTS ARE OVER TOPPING CHECK-DAMS. ACCUMULATED SEDIMENTS MUST BE REMOVED MANUALLY TO PREVENT DAMAGE TO THE SWALE. RESEEDING MAY BE NECESSARY AFTER SEDIMENT REMOVAL OPERATIONS, ESPECIALLY IF EXCESSIVE DAMAGE IS DONE TO VEGETATION.

- RI STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE FAMILY RESIDENTIAL LOT DEVELOPMENT**
- STEP 1: NEW ROOFTOP AREAS - BARN=1690 SF
  - STEP 2: LOCATION OF CONTROLS - SANDY LOAM, 24" WT AS PER SOIL EVALUATION
  - STEP 3: STORMWATER CONTROL - VEGETATED SWALE FOR ROOF
  - STEP 4: SIZE OF CONTROL, WQ - VEGETATED SWALE FOR BARN 288 SF REQUIRED & PROVIDED
  - STEP 5: SITE PLAN - INCLUDED



**VEGETATED SWALE**  
 NOT TO SCALE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM

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

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATE: DEC 07 2022 FILE #: 22-0359

HANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**GENERAL NOTES**

1. ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE RI DEM, TOWN OF PORTSMOUTH, AND/OR MOUNT HOPE ENGINEERING.
2. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE STATE ENVIRONMENTAL CODE AND ANY APPLICABLE LOCAL RULES AND REGULATIONS.
3. ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON SHALL BE REPORTED TO MOUNT HOPE ENGINEERING, BEFORE CONSTRUCTION CONTINUES.
4. ALL ELEVATIONS BASED ON NAVD-88 DATUM.
5. ALL LOAM SHALL BE STOCKPILED SEPARATELY AND SHALL BE REUSED TO THE EXTENT POSSIBLE AS DIRECTED BY THE OWNER.
6. STOCKPILE AREA OF APPROXIMATELY 200 CY SHALL BE REUSED AS NECESSARY AND TO THE EXTENT POSSIBLE. ALL EXCESS MATERIALS GREATER THAN 400 CY SHALL BE HAULED OFF SITE FOR PROPER DISPOSAL.
7. STOCKPILE AREA OF APPROXIMATELY 200 CY SHALL BE REUSED AS NECESSARY AND TO THE EXTENT POSSIBLE. ALL EXCESS MATERIALS GREATER THAN 400 CY SHALL BE HAULED OFF SITE FOR PROPER DISPOSAL.
8. WETLANDS WERE DELINEATED BY A WETLAND SCIENTIST FROM ECOSYSTEM SOLUTIONS, INC. OCTOBER 26, 2021. POND AND RIVERFRONT BUFFERS DEPICTED TO DEFINE THEIR EFFECT ON BUILDING CONSTRUCTION. OTHER BUFFERS ALONG DRIVEWAY NOT SHOWN AS ALL OVERLAP AND SOME DRIVEWAY WORK IS IN BUFFER ZONES.
9. PROPERTY LINE INFORMATION TAKEN FROM AVAILABLE RECORDS. PROPOSED HOUSE LOCATION TO BE APPROVED BY LOCAL AUTHORITIES AS NECESSARY PRIOR TO CONSTRUCTION.

**LEGEND**

---	56	EXISTING CONTOURS
---	56	PROPOSED CONTOURS
---	W	EXISTING WATER LINE
---	OW	EXISTING OVERHEAD WIRES
---	---	LIMIT OF DISTURBANCE / EROSION & SEDIMENTATION CONTROL
---	---	100' RIVERBANK WETLAND
---	---	50' PERIMETER WETLAND
---	---	EDGE OF WETLAND
---	---	WETLAND FLAG

**SITE PLAN FOR WETLANDS APPLICATION**

PREPARED FOR: ERIC & ELIZABETH SHEALY  
 902 WAPPING ROAD  
 PORTSMOUTH, RI 02871

OWNED BY: ERIC & ELIZABETH SHEALY  
 LOCATION: MAP 67, LOT 67A  
 902 WAPPING ROAD, PORTSMOUTH

SCALE: 1" = 40'  
 DATE: 06/29/22  
 DRAWN: AB  
 DESIGN: TC  
 CHECKED: TC

PROJECT NO. 2021-432  
 SHEET NO. 1 OF 1

**TODD CHAPLIN**  
 REGISTERED PROFESSIONAL ENGINEER

**Mount Hope ENGINEERING**  
 CIVIL/ENVIRONMENTAL SERVICES  
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