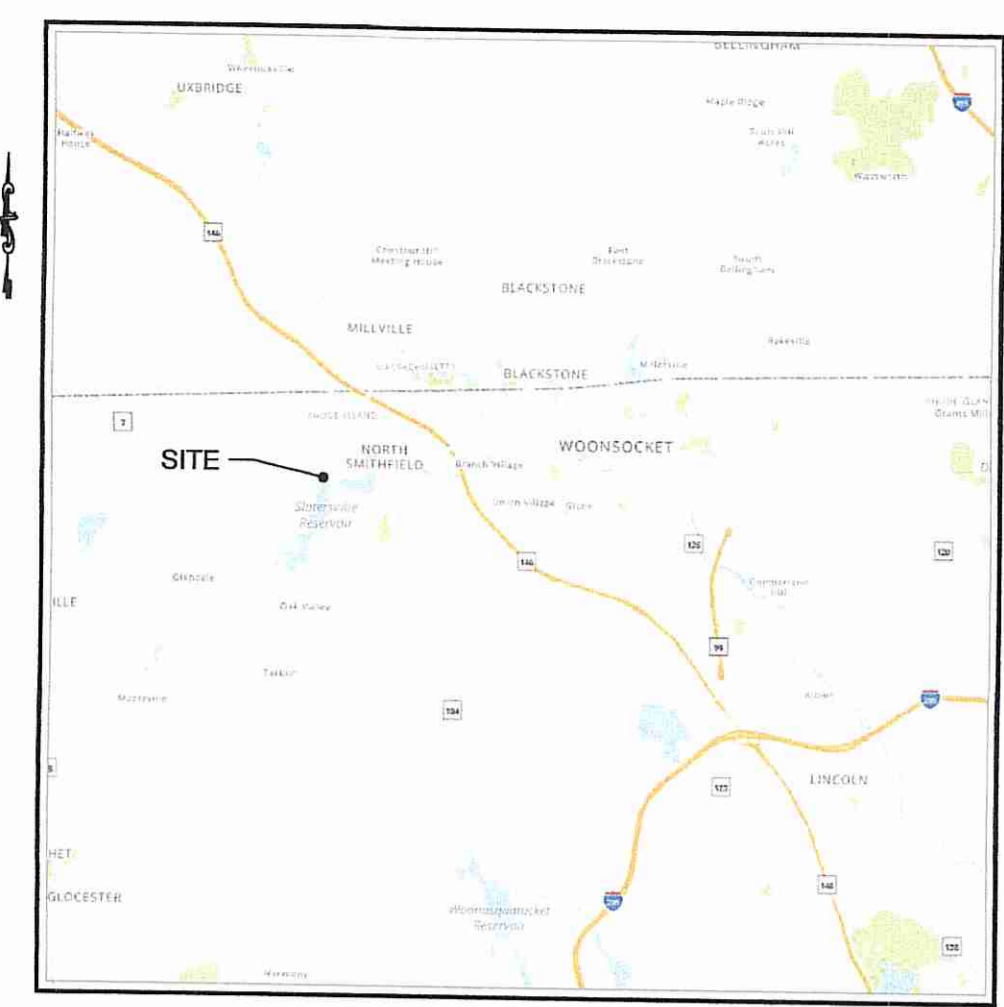


- LEGEND:**
- SUBJECT PROPERTY LINE
  - ABUTTING PROPERTY LINE
  - EXISTING EDGE OF PAVEMENT
  - EXISTING FENCE
  - EXISTING BUILDING
  - EXISTING CONTOUR
  - EXISTING PATIO
  - EXISTING DECK
  - EXISTING LIMIT OF CLEARING
  - EXISTING EDGE OF WATER
  - APPROXIMATE 100' WETLAND BUFFER
  - PROPOSED WETLAND BUFFER RESTORATION AREA
  - PROPOSED WETLAND BUFFER MARKER
  - PROPOSED BUILDING
  - LIMIT OF DISTURBANCE
  - SOIL EROSION/SEDIMENT CONTROL MEASURES
  - UTILITY POLE



LOCATION MAP  
NOT TO SCALE

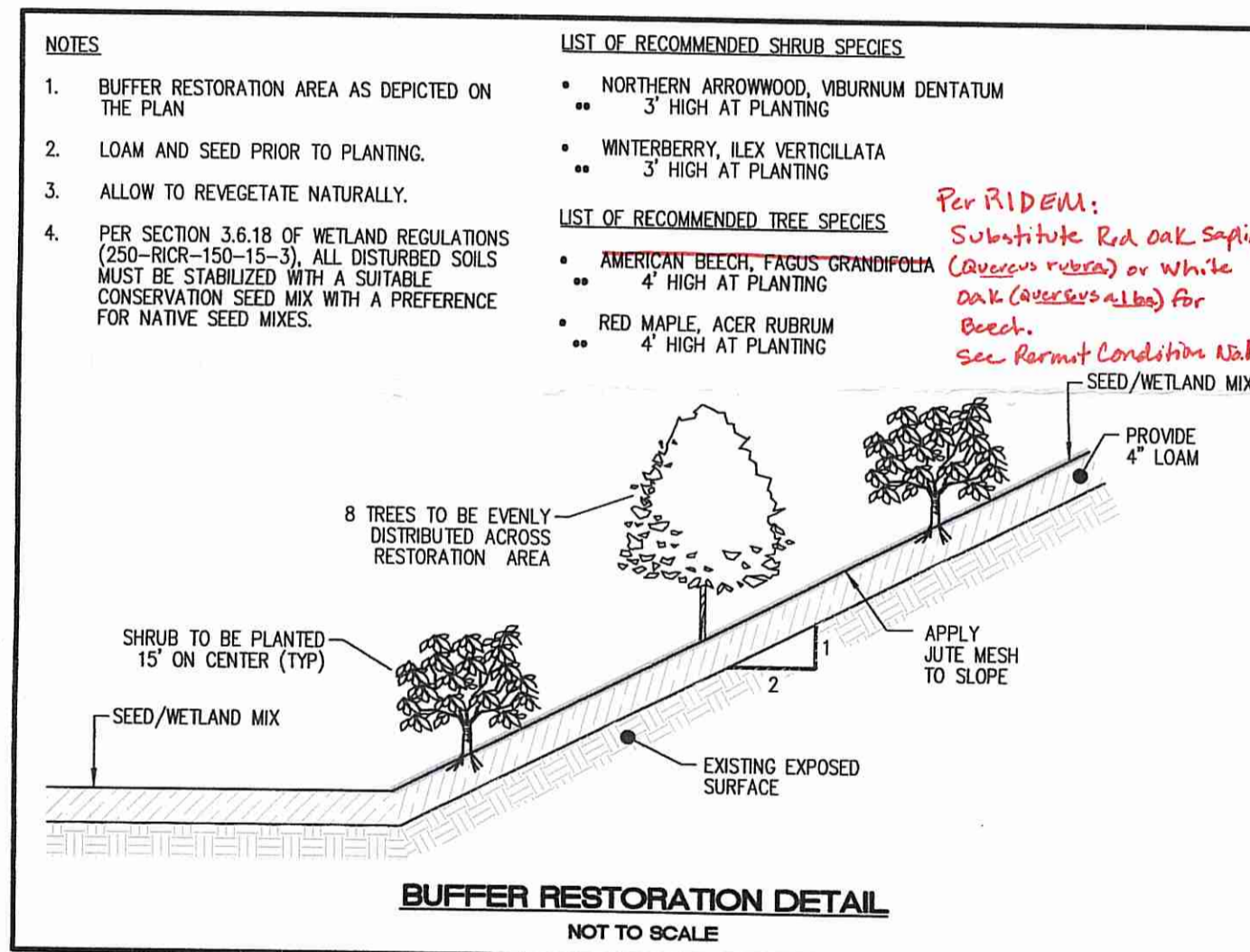
- SEDIMENTATION CONTROL PROGRAM:**
- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY SEDIMENTS FROM ENTERING THE ROADWAY OR ADJOINING PROPERTIES.
  - BANKS OR SLOPES OVER 5% SHALL BE SEEDED AS SOON AS POSSIBLE AND SHALL BE PROTECTED WITH A HAY, STRAW OR FIBER MULCH.
  - DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.
  - SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.
  - CARE SHALL BE TAKEN SO AS NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PATH OF EXISTING, NEWLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECTED TO STORM WATER FLOW.
  - ADDITIONAL HAYBALES, SILT FENCE OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
  - REFERENCE THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, AS REVISED (JULY 2016), AS A GUIDE.

**FLOOD NOTE:**  
THIS SITE LIES ENTIRELY WITHIN ZONE "X" - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE NATIONAL FLOOD INSURANCE RATE MAPS (FIRM), FIRMETTE MAP NUMBER 44007C0151G, EFFECTIVE DATE MARCH 3, 2009.

- PLAN NOTES:**
- PROPERTY LINE INFORMATION IS APPROXIMATE. THIS PLAN SHALL NOT BE CONSIDERED A PROPERTY LINE SURVEY.
  - ANY FUTURE IMPROVEMENTS TO SURFACES NOT PROPOSED WITH THIS APPLICATION WITHIN THE BUFFER WILL REQUIRE APPROPRIATE DEM PERMITS.

- EROSION CONTROL and SOIL STABILIZATION PROGRAM:**
- DENUDED SLOPES SHALL NOT BE LEFT EXPOSED FOR EXCESSIVE PERIODS OF TIME.
  - ALL DISTURBED SLOPES EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15 SHALL BE SEEDED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
  - TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.
  - ALL TEMPORARY EROSION PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
  - THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM WITH RHODE ISLAND STANDARD SPECIFICATION M.18.02.
  - THE SEED MIX SHALL BE INOCULATED WITHIN TWENTY FOUR (24) HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
  - THE DESIGN MIX FOR EROSION CONTROL AND SOIL STABILIZATION SHALL BE COMPRISED (PER SECTION 3.6.18 OF 250-RICR-150-15-3) OF A SUITABLE CONSERVATION SEED MIX WITH A PREFERENCE FOR NATIVE SEED MIXES.
  - THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE (1) YEAR, AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
  - THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH OCTOBER 15TH.
  - STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN FIFTEEN (15) DAYS OF FINAL GRADING.
  - STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR FLOOD PLAINS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN THIRTY PERCENT (30%) AND STOCKPILES SHALL ALSO BE SEEDED AND/OR STABILIZED AND COMPLETELY ENCLOSED WITH A CONTINUOUS LINE OF STAKED HAYBALES AND/OR SILT FENCE. (SEE DETAIL.)
  - ON BOTH STEEP AND LONG SLOPES, CONSIDERATION SHOULD BE GIVEN TO "GRIPPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS.

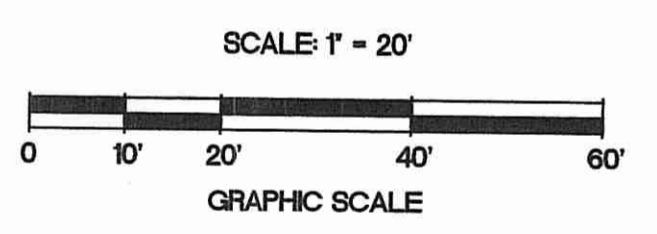
NOT FOR CONSTRUCTION



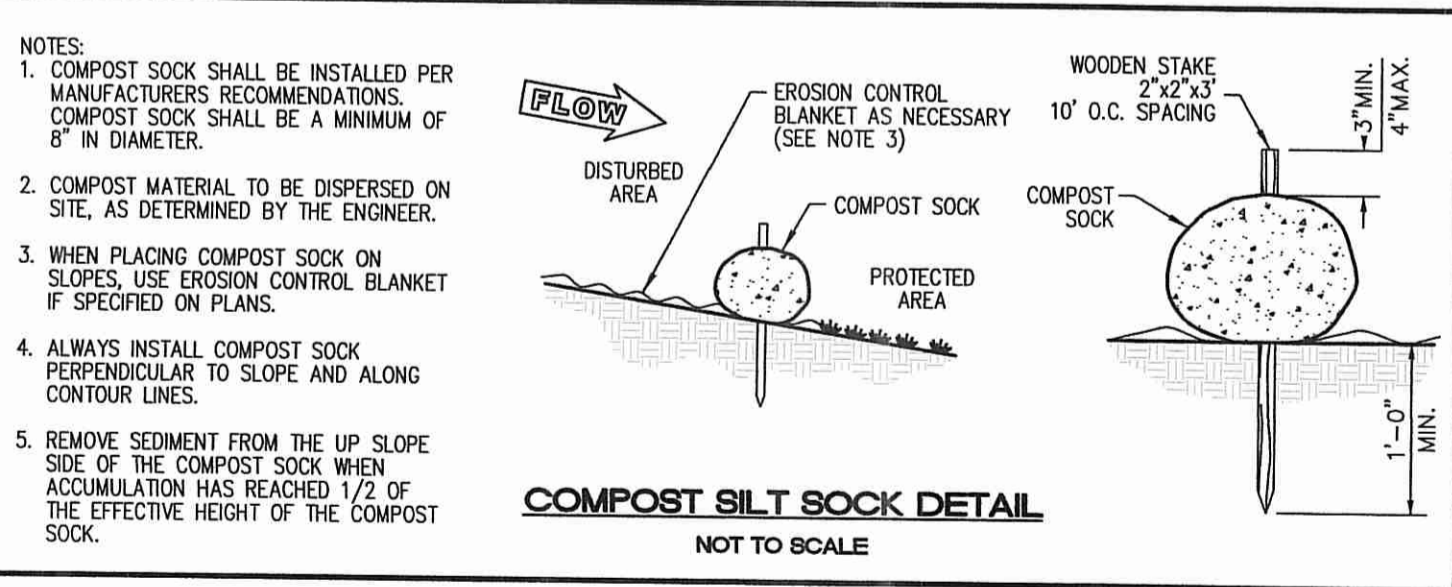
BUFFER RESTORATION DETAIL  
NOT TO SCALE

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

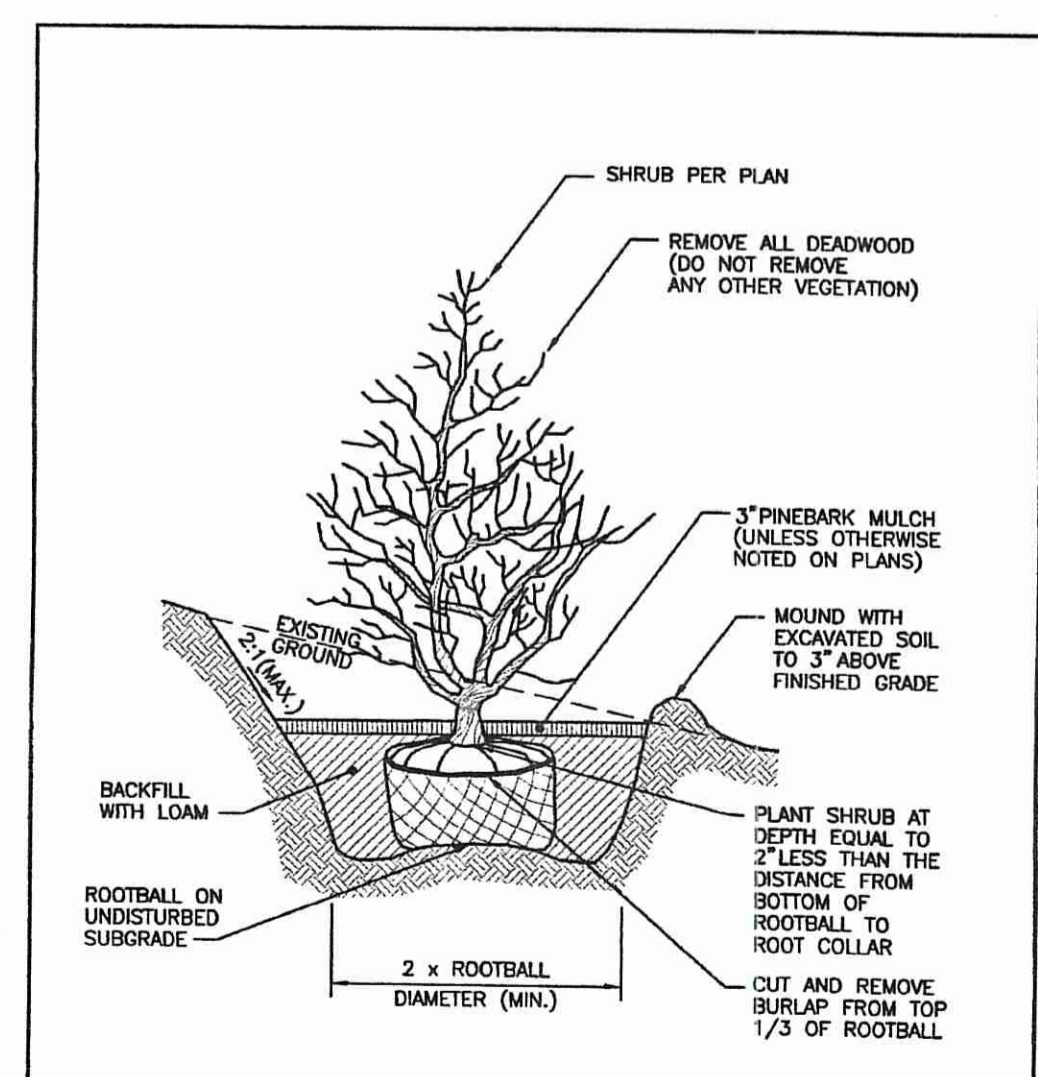
NOTE PER DEM:  
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: FEB 09 2024 FILE # 23-0097  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



COMPOST SILT SOCK DETAIL  
NOT TO SCALE



SHRUB PLANTING ON SLOPE

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

NO.	BY	DATE

SHRUB PLANTING ON SLOPE

JUNE 15, 1998

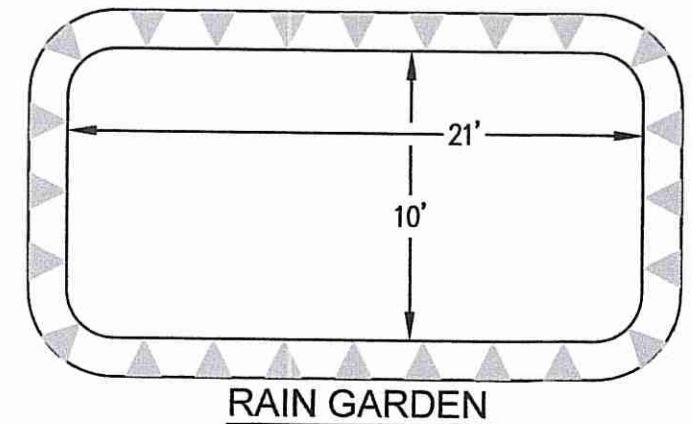
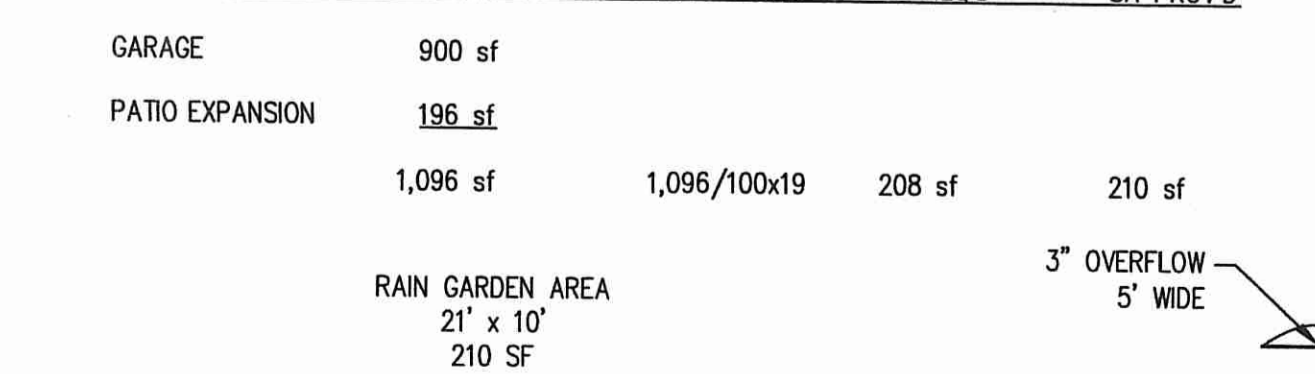
R.I. STANDARD 50.3.2

**RAIN GARDEN SIZING:**

BASED UPON THE RIDEM/CRMC DOCUMENT ENTITLED "STATE OF RI STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL DEVELOPMENT". FOR EACH 100 SQUARE FEET (SF) OF IMPERVIOUS SURFACE DRAINING TO A RAIN GARDEN (RG), A MINIMUM SURFACE AREA (SA) IS REQUIRED DEPENDING UPON THE DEPTH OF THE RAIN GARDEN AND THE SOIL TYPE - (SANDY vs SILTY: (from Web Soil Survey - Silt loam))

IMPERVIOUS SURFACE	AREA SF	DEPTH OF RG	SA / 100 SF	SA REQ'D	SA PROV'D
GARAGE	900 sf	4"	19	208 sf	210 sf
PATIO EXPANSION	196 sf	4"	19	208 sf	210 sf

THE GARDEN SIZE REQUIRED IS:



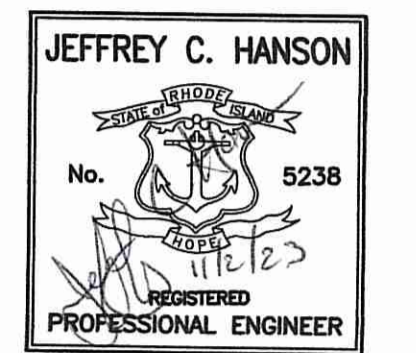
RAIN GARDEN

RAIN GARDEN DETAILS  
NOT TO SCALE

- NOTES:**
- RAIN GARDEN AMENDED SOIL SHALL CONTAIN 50% EXCAVATED SOIL AND 50% ORGANIC COMPOST.
  - RAIN GARDEN SHALL HAVE A BOTTOM AREA AS SHOWN ON THE PLAN.
  - RAIN GARDEN SHALL BE NO CLOSER THAN 10' TO BUILDING FOUNDATIONS AND 15' TO THE OWTS.
  - CONTRACTOR TO CONNECT GARAGE ROOF GUTTERS TO THE PROPOSED RAIN GARDEN.
  - RAIN GARDEN SUGGESTED PLANT LIST:
- | KEY | BOTANICAL NAME                            | COMMON NAME            | SIZE        |
|-----|---|------------------------|-------------|
| AC  | ACHILLEA 'CORONATION GOLD'                | YELLOW YARROW          | #1          |
| AM  | AMELANCHIER CANADENSIS                    | SHADBUSH               | 5'-6" B&B   |
| AS  | AMELANCHIER STOLONIFERA                   | (RUNNING SERVICEBERRY) | #3          |
| AP  | ASTER PUNICEUS                            | (SWAMP ASTER)          | #1          |
| BP  | BETULA POPULIFOLIA                        | (GRAY BIRCH)           | 5'-6" B&B   |
| IV  | IRIS VERSICOLOR                           | (BLUE FLAG IRIS)       | #1          |
| PA  | PANICUM AMARUM 'DEWEY BLUE'(SWITCH GRASS) | (BLUE FLAG IRIS)       | #1          |
| QA  | QUERCUS ALBA                              | (WHITE OAK)            | 1"-1.5" B&B |
| SL  | SPIREA LATIFOLIA                          | (MEADOWSWEET)          | #3          |

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
SECTION OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION #:  
DATED: SEE LETTER OF SAME DATE

NO.	DATE	REVISION
1	5/31/23	RIDEM COMMENTS
2	11/02/23	RIDEM COMMENTS



ILLSTONE ENGINEERING, P.C.  
CIVIL ENGINEERING • LAND PLANNING  
250 Carterville Road, Building E-2  
Warwick, Rhode Island 02886  
p. (401) 921-5344 f. (401) 921-3003  
www.illstoneeng.com

SITE STABILIZATION PLAN

238 MAIN ST  
A.P. 4, LOT 307  
238 MAIN STREET  
SLATERSVILLE, RI 02896

PREPARED FOR:  
GREGORY MONGEON

SCALE: 1"=20'  
MARCH 2023

Drawn By: MBV NOV 0 3 2023

Checked By: BUC

Sheet

1  
of 1

FILE NO: 22.515.786