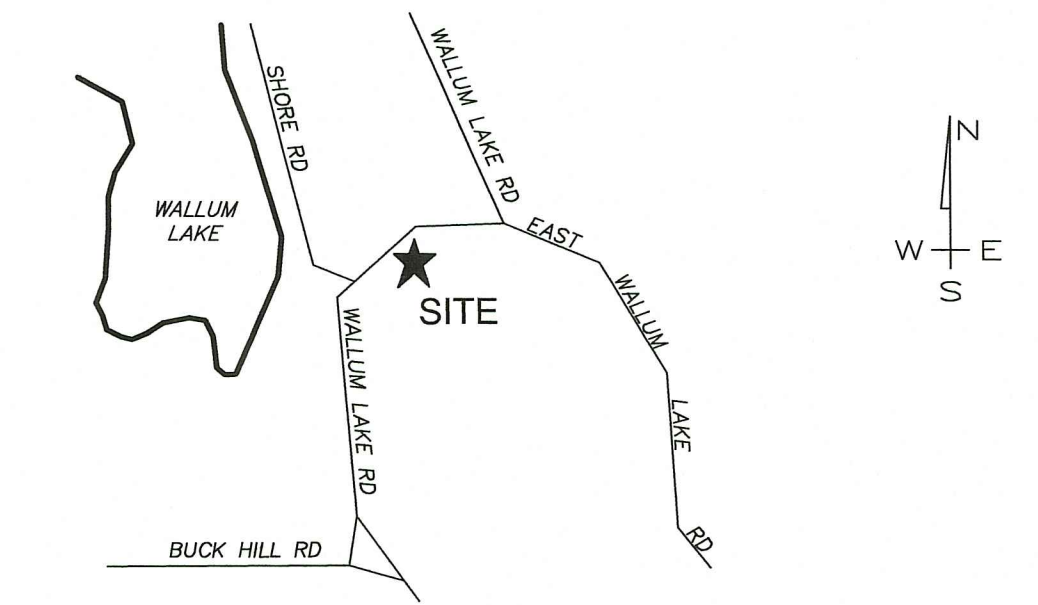


LOCATION MAP (NOT TO SCALE)



NOTES & SPECIFICATIONS:

1. WETLAND DELINEATION BY NATURAL RESOURCE SERVICES, INC.
2. STRAW WATTLE TO BE INSTALLED PRIOR TO START OF ANY CONSTRUCTION AND TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND AREA HAS STABILIZED. STRAW WATTLE TO BE INSPECTED PERIODICALLY OR AFTER SIGNIFICANT RAINFALL, AND REPAIRED OR REPLACED AS NECESSARY.

LEGEND

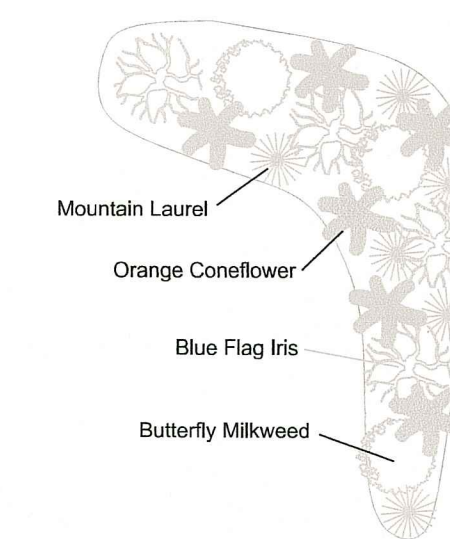
- 100 --- 100 EXISTING CONTOUR
- 100 --- PROPOSED CONTOUR
- A1 ▲ WETLAND FLAG

ZONING DISTRICT: F5

- FRONT - 40'
- REAR - 40'
- SIDE - 15'

RAIN GARDEN PLANTING DETAIL

NOT TO SCALE
 ROOF AREA: 1000 SF
 SOIL TEXTURE: SANDY LOAMS
 AREA: 80 SF 20 PLANTS



RAIN GARDEN TREATMENT

Rain garden to be 8" deep with a 2 - 4 inch amended soil layer (50/50 mixture of the excavated native soils and mature organic compost) and a 2 - 3 inch layer of non-dyed aged shredded hardwood mulch.

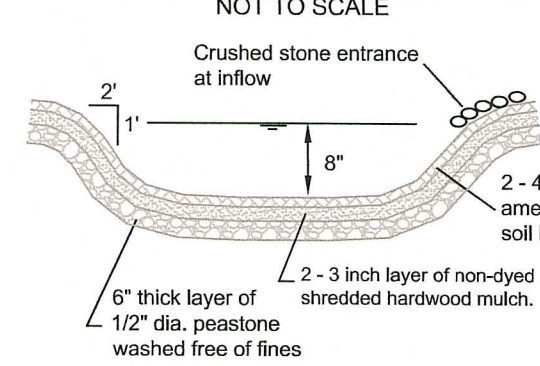
CONSTRUCTION

1. A crushed stone entrance should be installed at the inflow to prevent channeling.
2. A berm to detain stormwater should be constructed along the downhill side of the rain garden, perpendicular to the slope of the lawn.
3. Be sure that the soil within the rain garden area does not become compacted by construction activities (i.e. heavy machinery). If soil becomes severely compacted it may need to be tilled and amended to maintain proper

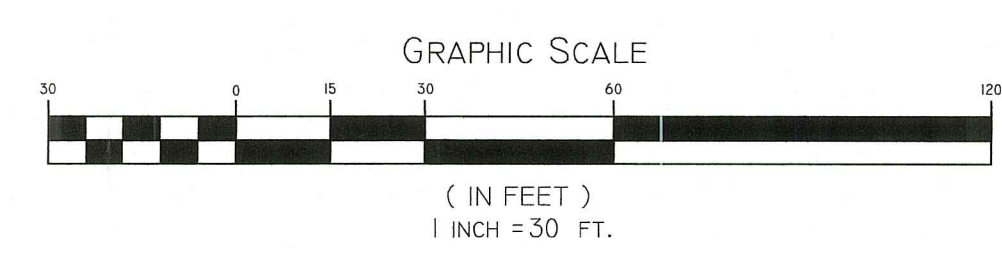
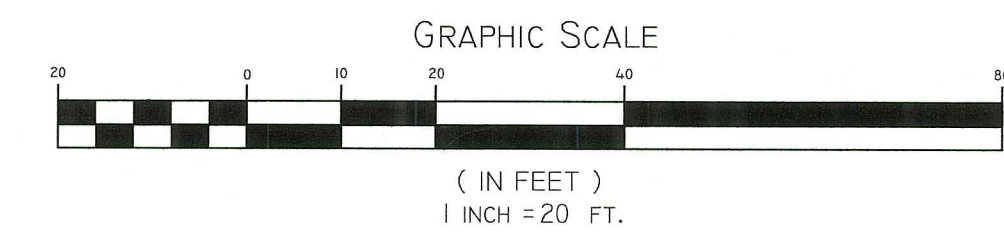
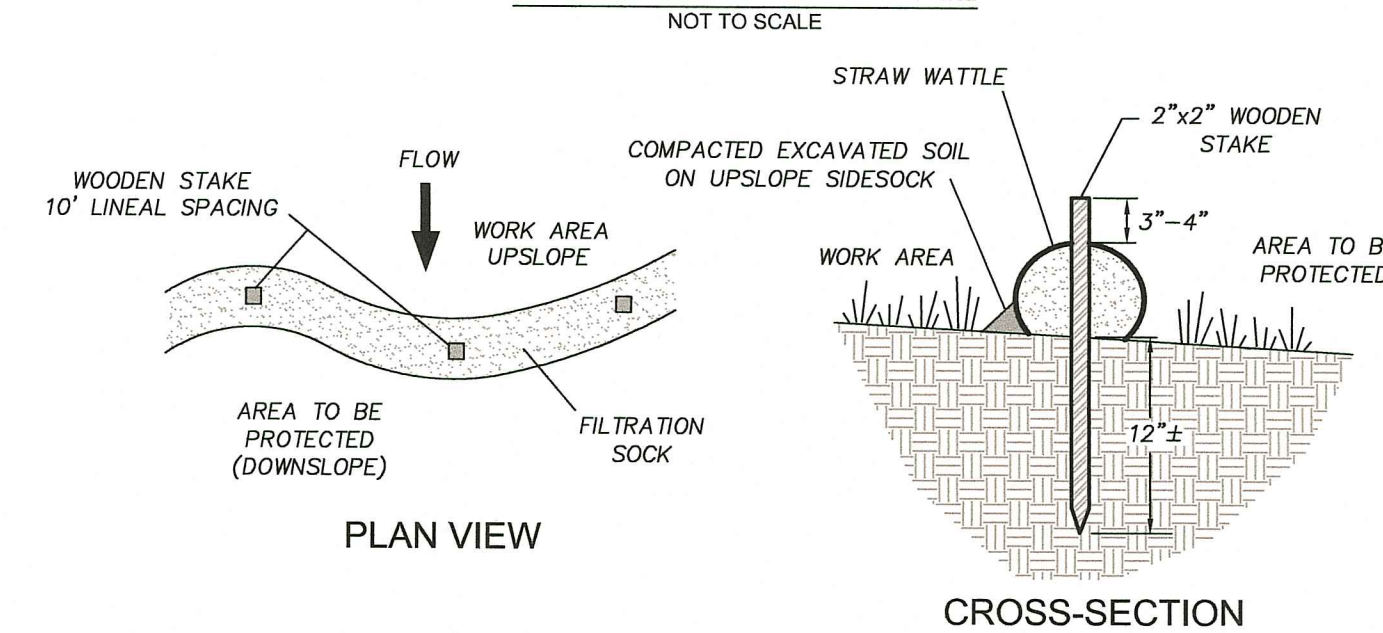
MAINTENANCE

1. The rain garden shall be inspected following at least the first two precipitation events of at least 1.0 inch to ensure that the system is functioning properly. Thereafter, the rain garden shall be monitored and maintained to assure proper functioning, plant growth and survival. Plants shall be replaced on an as-needed basis during the growing season.
2. Silt/sediment shall be removed from the rain garden when the accumulation exceeds one inch, or when water ponds on the surface of the rain garden for more than 48 hours. The top few inches of material shall be removed and shall be replaced with fresh soil mixture and mulch.
3. Pruning or replacement of woody vegetation shall occur when dead or dying vegetation is observed.
4. Soil erosion gullies shall be repaired when they occur.
5. Fertilizer or pesticides shall not be applied to plants within rain gardens.
6. Perennial plants and ground covers shall be replaced as necessary to maintain an adequate vegetated ground cover. Annual plants may also be used to maintain ground cover.

RAIN GARDEN CROSS-SECTION



STRAW WATTLE DETAIL



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS
 SPECIFIED IN THE LETTER OF APPROVAL
 DATED: AUG 23 2022 FILE #: 22-0238
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

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 Environmental Management
 AUG 09 2022
 Office of Water Resources

WETLANDS SITE PLAN

PAUL D. CARLSON No. 7142 REGISTERED PROFESSIONAL ENGINEER CIVIL PROFESSIONAL SEAL	A.P. 34 LOT 53 2445 WALLUM LAKE ROAD, BURRILLVILLE, RI	
	PREPARED FOR: DEBRA HAMMOND 40 ANNE LANE, PASCOAG, RHODE ISLAND 02859	
JOB # 22-003	SCALE: AS NOTED	DRAWN BY: LMB
REVISED: 8-1-22		DATE: JUNE, 2022

INSITE PROFESSIONAL ENGINEERS LAND SURVEYORS Precision. Clarity. Certainty.	501 Great Road, Unit 104 North Smithfield, Rhode Island Phone: (401) 762-2870 Fax: (401) 762-2871 Web Address: InsiteEngineers.com	SHEET 1 OF 1
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