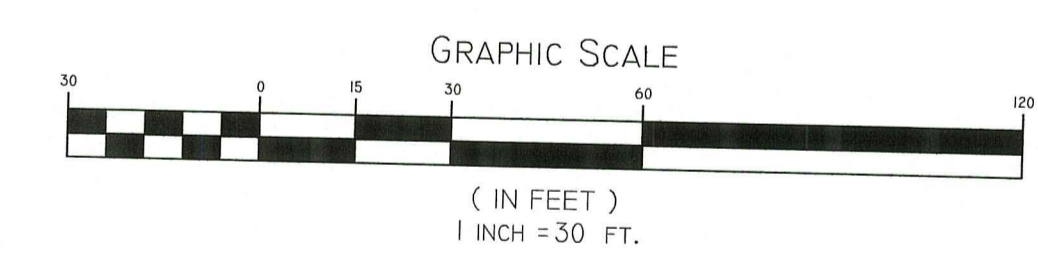
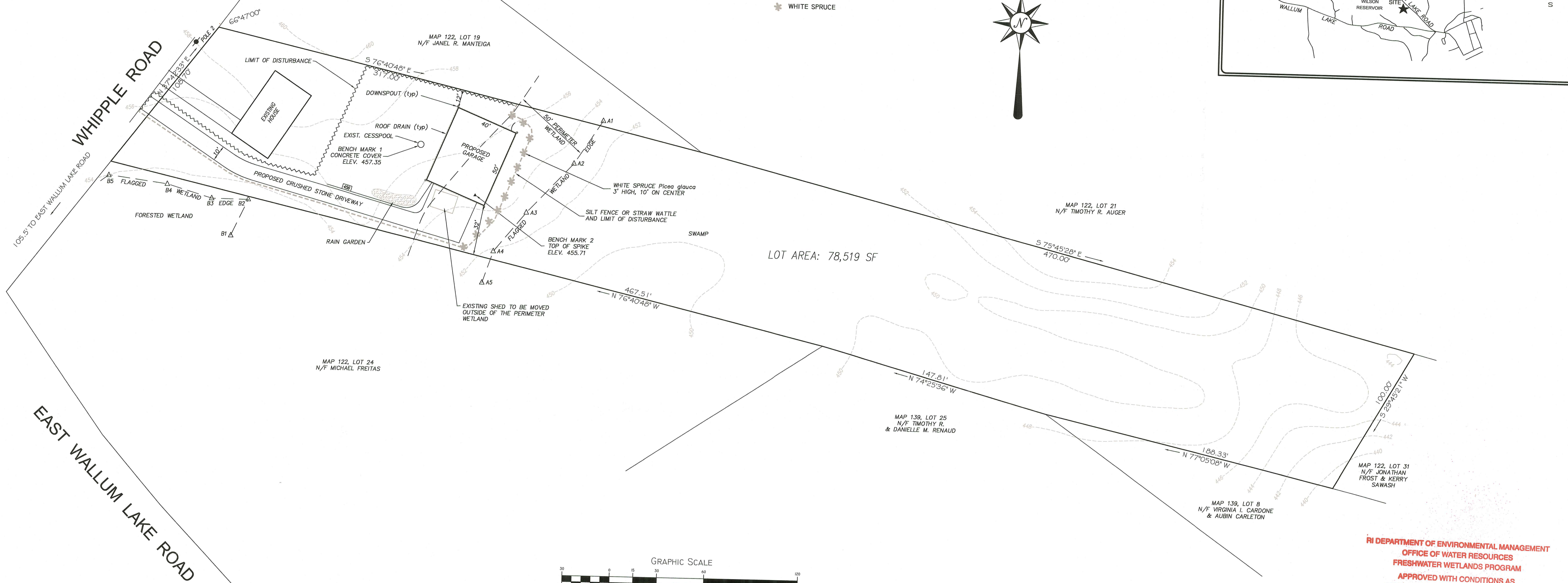
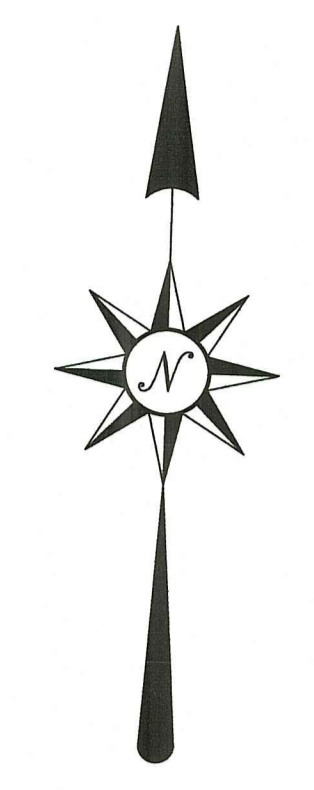


LEGEND

- 100 ——— 100 EXISTING CONTOUR
- 1000 ——— PROPOSED CONTOUR
- △ A1 TEST HOLE
- * WHITE SPRUCE



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

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: JAN 20 2023 FILE #: 22-0154

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Martin D. Wenzel

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
JUL 6 2022
Office of Water Resources

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.

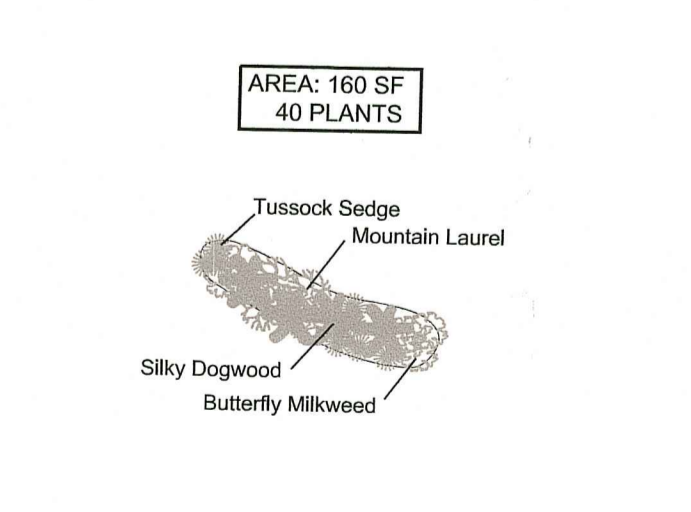
CONSTRUCTION

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

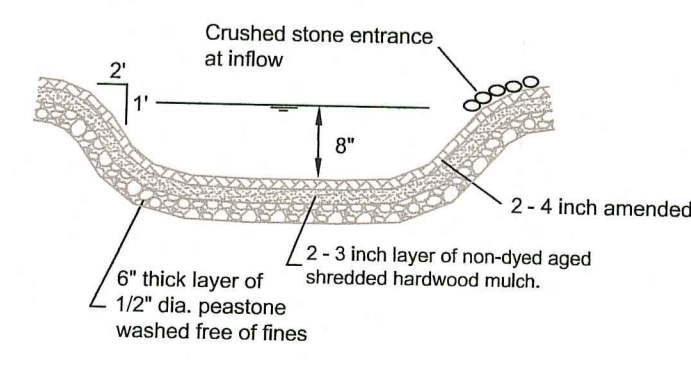
MAINTENANCE

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.
2. 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.
3. 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.
4. Pruning or replacement of woody vegetation shall occur when dead or dying vegetation is observed.
5. Soil erosion gullies shall be repaired when they occur.
6. Fertilizer or pesticides shall not be applied to plants within rain gardens.
7. 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.

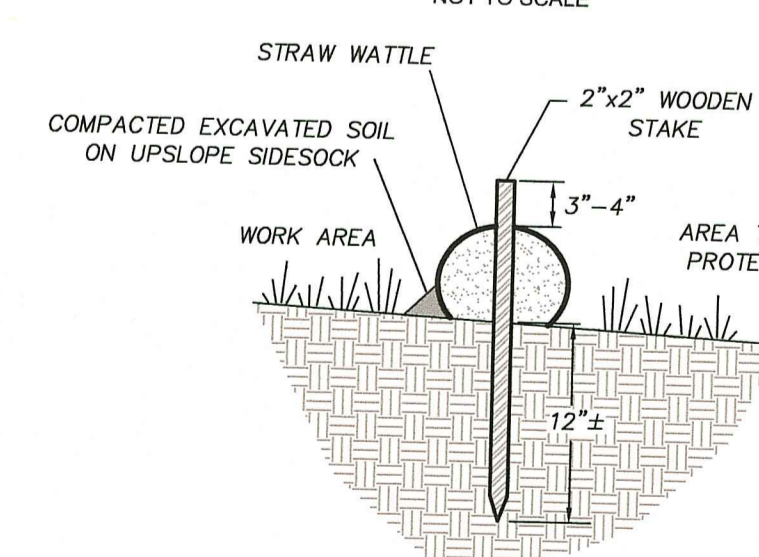
RAIN GARDEN PLANTING DETAIL
NOT TO SCALE



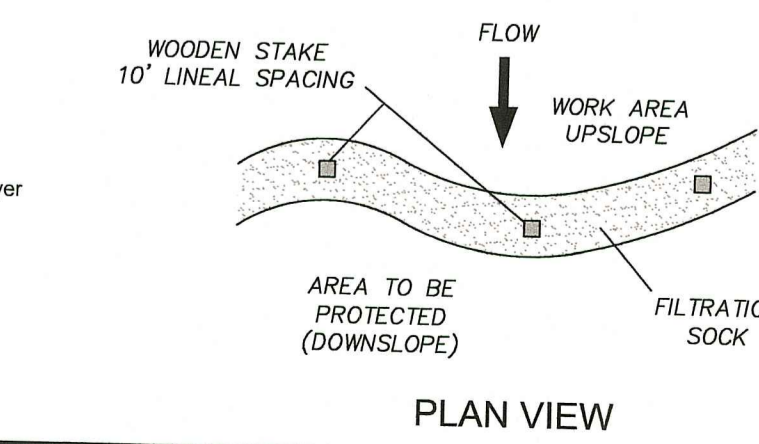
RAIN GARDEN CROSS-SECTION
NOT TO SCALE



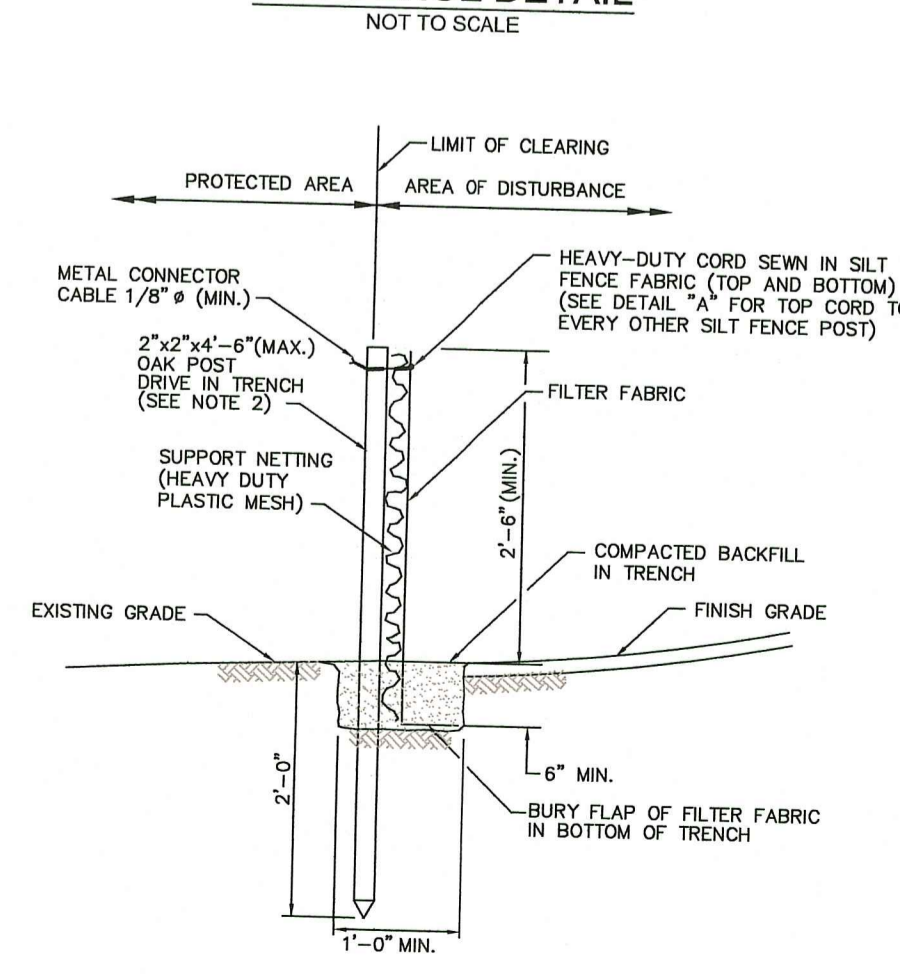
STRAW WATTLE DETAIL
NOT TO SCALE



CROSS-SECTION



SILT FENCE DETAIL
NOT TO SCALE



GENERAL NOTES:

1. WETLAND DELINEATION BY: NATURAL RESOURCE SERVICES INC.
2. EROSION CONTROL TO BE IN PLACE PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR OR OWNER TO INSPECT PERIODICALLY OR AFTER HEAVY RAINFALL, AND REPAIR OR RELACE AS NEEDED.

SITE PLAN

PLAT 122 LOT 20
660 WHIPPLE ROAD, BURRILLVILLE, RHODE ISLAND

APPLICANT/OWNER: JONATHAN FROST
660 WHIPPLE ROAD, PASCOAG, RI 02859

JOB # 21-030 SCALE: 1" = 30' DRAWN BY: LMB DATE: APRIL, 2022

REVISED: 7-5-22

PAUL D. CARLSON
No. 7142
REGISTERED PROFESSIONAL ENGINEER CIVIL

PROFESSIONAL SEAL

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SHEET 1 OF 1

PI AN FOR NOTICE