

NOTES AND 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 AREA HAS STABILIZED IN THE SPRING OR UNTIL AFTER CONSTRUCTION IS COMPLETE, WHICHEVER COMES LAST. STRAW WATTLE TO BE INSPECTED PERIODICALLY OR AFTER SIGNIFICANT RAINFALL, AND REPAIRED OR REPLACED AS NECESSARY.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED: JAN 25 2024; FILE #: 23-0231
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

CERTIFICATION
 THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:
 - LIMITED CONTENT BOUNDARY SURVEY: CLASS 1
 - TOPOGRAPHIC ACCURACY: T-4
 STATEMENT OF PURPOSE
 THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS AS FOLLOWS: PROPOSED ADDITION.
Marc N. Nyberg
 MARC N. NYBERG LICENSE NO. 1797 COA NO. A52

WETLANDS PLAN DEC 27 2023

PAUL D. CARLSON
 No. 7142
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 PROFESSIONAL SEAL

ASSESSOR'S PLAT 16 LOT 8
 146 LONG ENTRY ROAD
 GLOCESTER, RHODE ISLAND

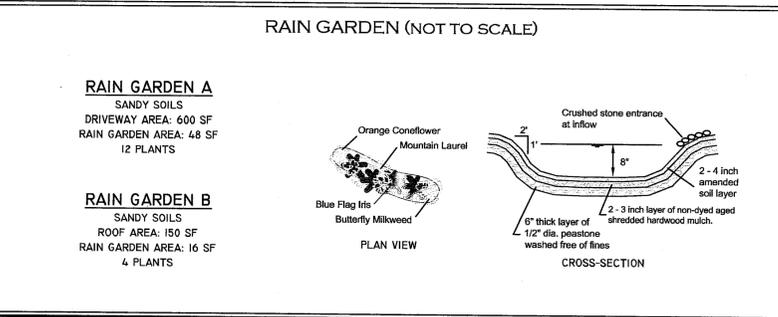
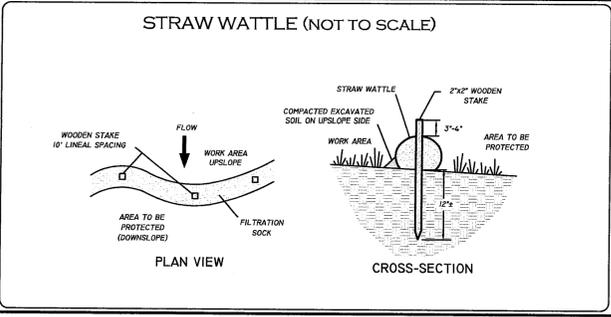
PREPARED FOR: 4H REALTY LLC
 4 CAROL DRIVE, LINCOLN, RI 02865

JOB # 23-005 SCALE: 1" = 10' DRAWN BY: LMB DATE: OCTOBER, 2023
 REVISED: 12-14-23

INSITE Engineering Services, LLC
 PROFESSIONAL ENGINEERS | LAND SURVEYORS
 Precision. Clarity. Certainty.

501 Great Road, Unit 104
 North Smithfield, RI 02886
 Phone: (401) 762-2870 Fax: (401) 762-2871
 Web Address: InSiteEngineers.com

SHEET 1 OF 1



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 SHREDED 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.

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