

RAIN GARDEN

TREATMENT

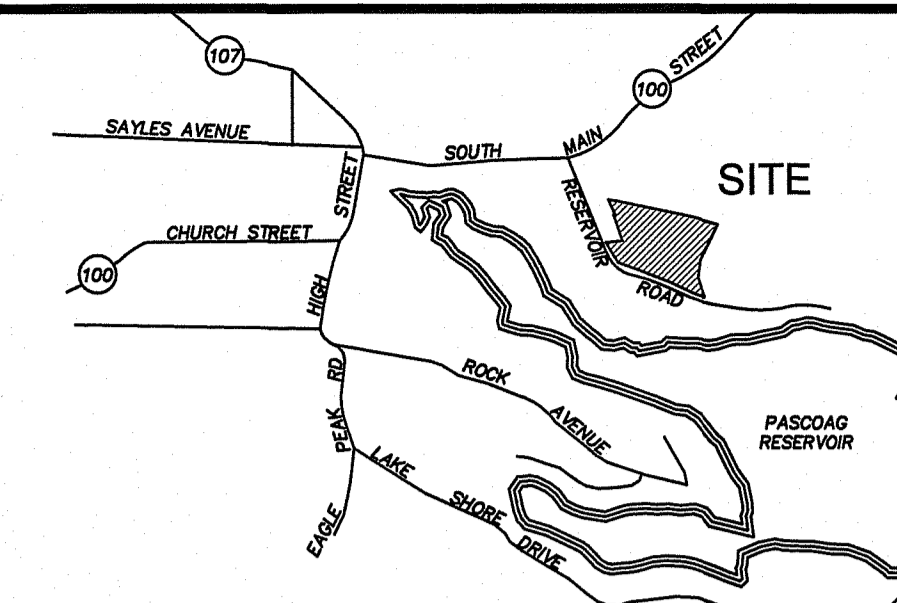
Rain garden to be 8" deep with a 2-4 inch amended soil layer (50/50 mixture of the excavated native soils and mature organic compost) and a 2-3 inch layer of non-dyed aged shredded hardwood mulch.

CONSTRUCTION

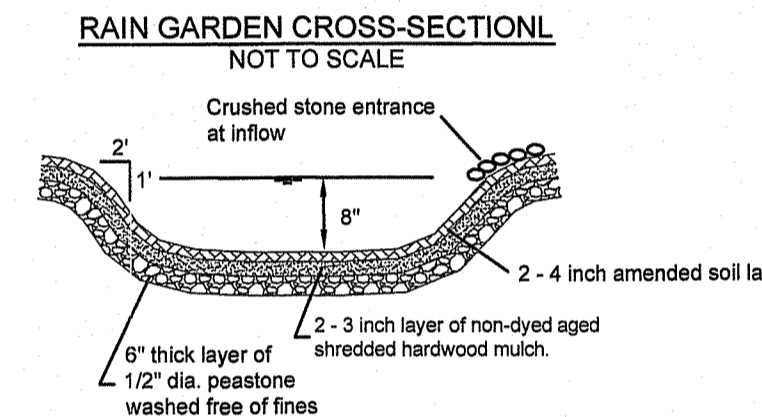
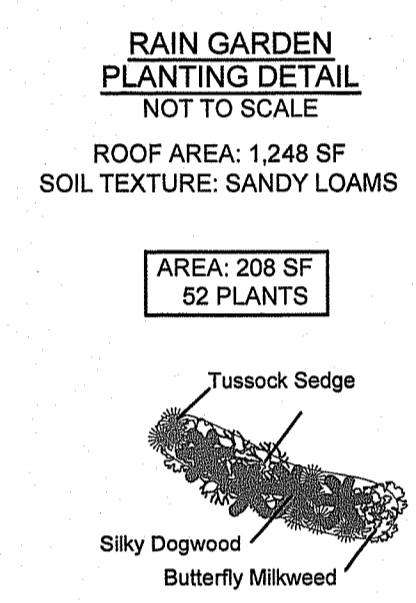
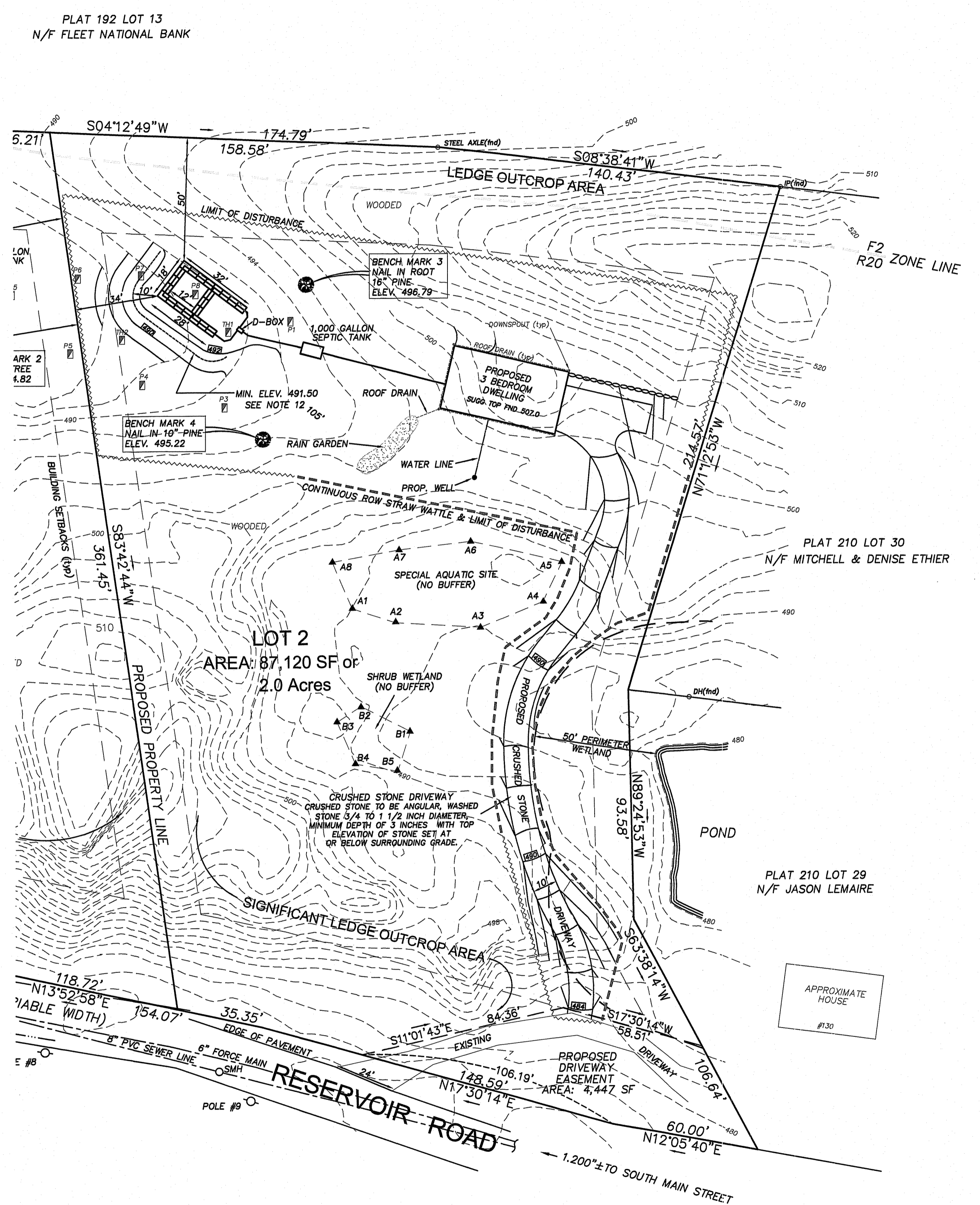
1. A crushed stone entrance should be installed at the inflow to prevent channeling.
2. A berm to detain stormwater should be constructed along the downhill side of the rain garden, perpendicular to the slope of the lawn.
3. Be sure that the soil within the rain garden area does not become compacted 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.



LOCUS MAP
NOT TO SCALE



- WETLAND NOTES**
- 1) CONTINUOUS ROW OF STRAW WATTLE TO BE INSTALLED PRIOR TO START OF CONSTRUCTION. OWNER TO INSPECT REGULARLY AND REPAIR OR REPLACE AS NECESSARY. IF WATTLES CANNOT BE STAKED DUE TO LEDGE, SANDBAGS ARE TO BE USED IN ITS PLACE.
 - 2) STRAW WATTLE TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND AREA HAS STABILIZED.
 - 3) AREA WITHIN 50-FOOT PERIMETER WETLAND TO BE LOAMED AND SEEDED WITH A QUICK GROW CONSERVATION GRASS MIX AS SOON AS PRACTICAL.
 - 4) WETLAND DELINEATION BY NATURAL RESOURCE SERVICES, INC.

TEST HOLE DATA
DATE: 11-30-17

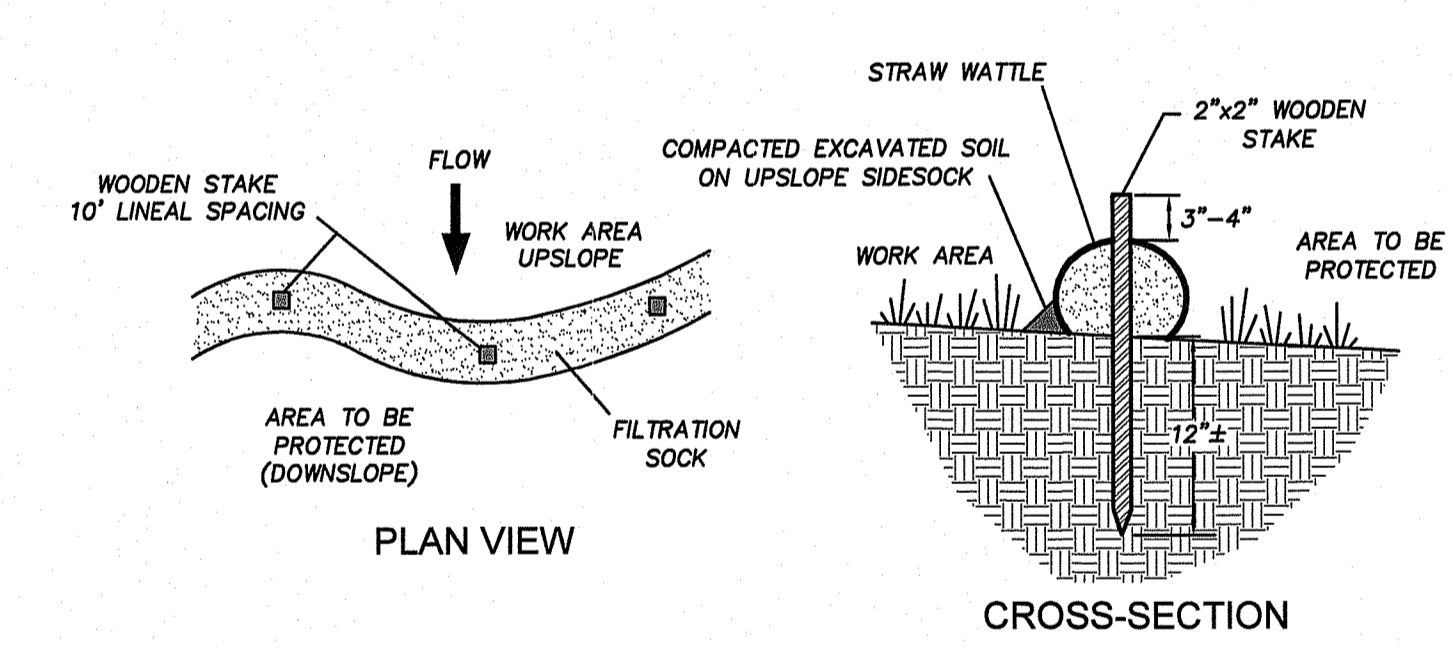
TH1
0'-8" A, SL, 10YR 3/4
8"-42" Bw, G, SL, 10YR 5/6
42"-66" C, G, ST, LCOS 5YR 5/3
ESHW 26"
LEDGE AT 66"
SOIL CATEGORY: 6

TH2
0'-8" A, SL, 10YR 3/4
8"-42" Bw, G, SL, 10YR 5/6
36"-52" C, G, ST, LCOS 5YR 5/3
ESHW 26"
LEDGE AT 52"
SOIL CATEGORY: 6

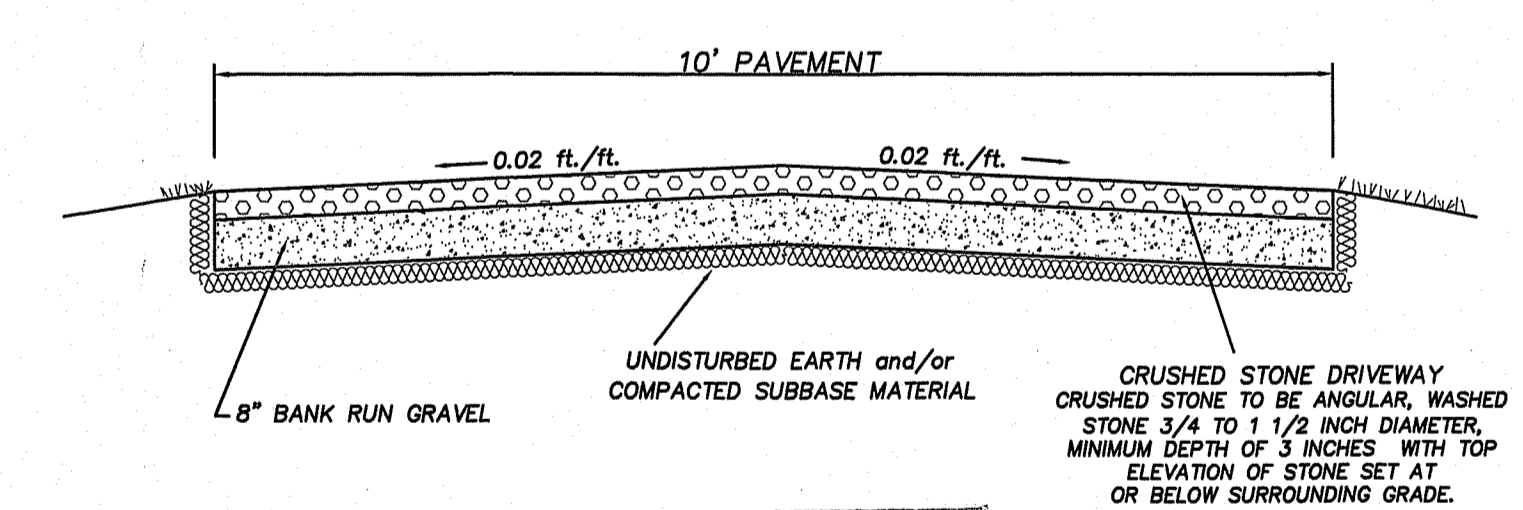
LEDGE PROBES

P1 - 78"
P2 - 42"
P3 - 12"
P4 - 36"
P6 - 42"
P6 - 36"
P7 - 54"
P8 - 70"

STRAW WATTLE DETAIL
NOT TO SCALE



DRIVEWAY CROSS-SECTION
NOT TO SCALE



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 21 2019 FILE # 18-0074
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

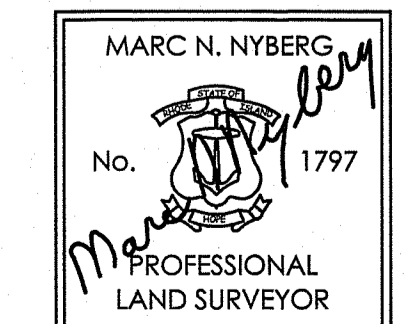
WETLANDS PLAN for
YORKSHIRE PROPERTIES, INC.
PLAT 192, LOT 69, SUBLOT 2
BURRILLVILLE, RHODE ISLAND
DATE: APRIL, 2018
SCALE: 1" = 30'

LEGEND

- EXISTING CONTOUR
- - - PROPOSED CONTOUR
- TEST HOLE
- LIMIT OF DISTURBANCE
- CONTINUOUS ROW OF STRAW WATTLE AND LIMIT OF DISTURBANCE

CERTIFICATION
THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 8 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 IV
TOPOGRAPHIC 1:4
STATEMENT OF PURPOSE
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS AS FOLLOWS:
PROPOSED HOUSE

BY *Marc N. Nyberg*
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GRAPHIC SCALE
0' 30' 60' 90'

No.	DESCRIPTION	DATE
1.	LIMIT OF DISTURBANCE	4-19-18
2.	DEM COMMENTS DATED 5-23-18	4-30-19

SHEET NUMBER: 1 of 1
JOB NUMBER: 10-028