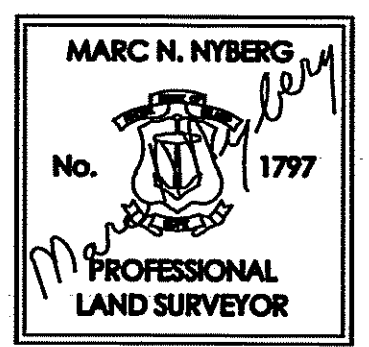


- LEGEND**
- ▲ #1 WETLAND FLAG
  - FLAGGED WETLAND EDGE
  - STRAW BALES OR SILT FENCE & LIMIT OF DISTURBANCE
  - ~~~ LIMIT OF DISTURBANCE
  - NORTHERN WHITE CEDAR (Thuja occidentalis) 4' - 5' TALL SPACED 10' ON CENTER

- NOTES**
1. WETLANDS LOCATION BY NATURAL RESOURCE SERVICES, INC.
  2. DISTURBANCE WITHIN 50' PERIMETER WETLAND: 763 SF.
  3. DISTURBANCE WITHIN 100' RIVERBANK WETLAND: 737 SF.



**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 I  
 TOPOGRAPHIC ACCURACY: T4

**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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**WETLANDS SITE PLAN**  
 FOR  
**PAUL BERGERON**  
 PLAT 93, LOT 137  
 NORTH SHORE ROAD  
 BURRILLVILLE, RHODE ISLAND  
 DATE: FEBRUARY, 2018  
 SCALE: 1" = 20'



No.	DESCRIPTION	DATE

SHEET NUMBER: 1 of 1      JOB NUMBER: 17-056

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

- PLAN REFERENCES:**
1. "LAND AT SPRING LAKE, BURRILLVILLE, R.I. TO BE CONVEYED BY JESSE AND DONALD MONROE TO YOUNG MAN CHRISTIAN ASSOCIATION, JULY, 1886" BY G. BERTRAND BIBEAL, C.E. (PLAT BOOK 4 PAGE 44).
  2. "DIVISION OF LAND OWNED BY MINNIE M. CONDE, BURRILLVILLE, RHODE ISLAND" DATED JULY 1890" BY NATIONAL LAND SURVEYORS, INC. (PLAT BOOK 20 PAGE 53).
  3. "RIGHT OF WAY PLAN, NORTH SHORE DRIVE, BURRILLVILLE, RHODE ISLAND" (PLAT BOOK 2007 PAGE 31)

**ZONE: R-20**  
 MINIMUM LOT AREA: 20,000 SF  
 MINIMUM LOT FRONTAGE: 125'  
 MINIMUM SETBACKS: FRONT - 30'  
 SIDE - 10'  
 REAR - 30'

**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.

