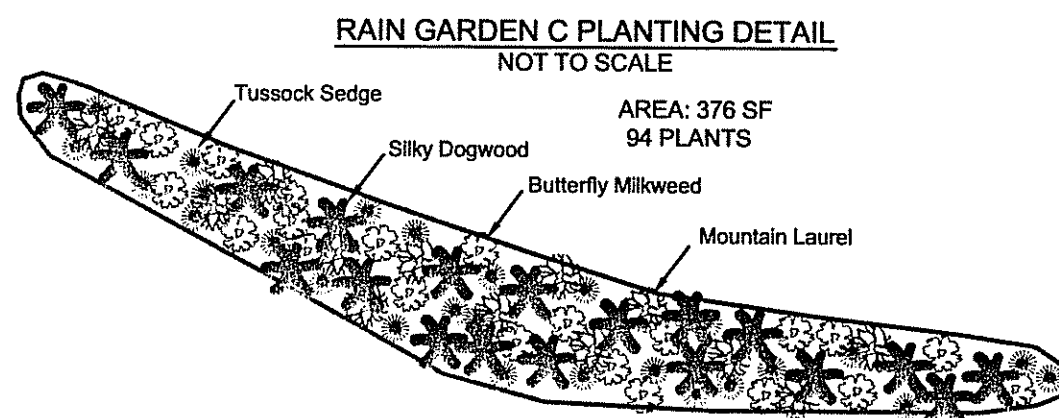
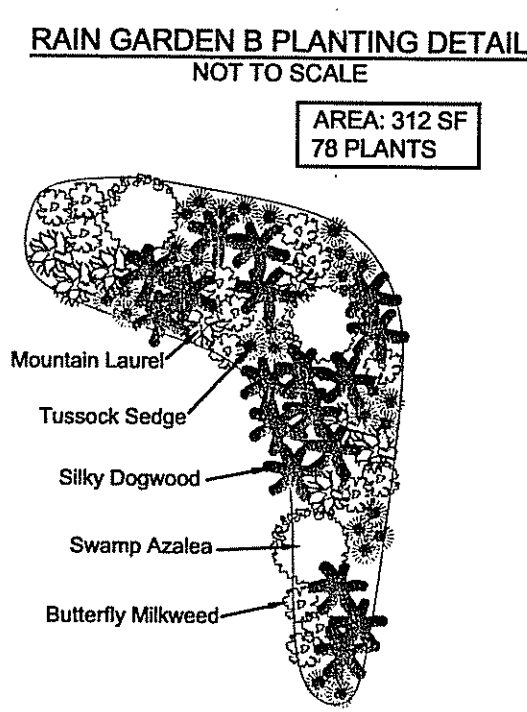
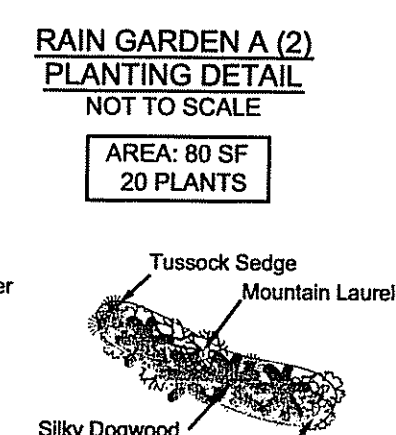
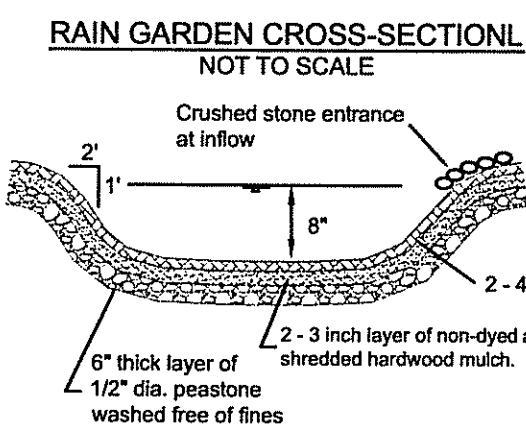


TEST HOLE DATA

| | |
|----------------------|-------------------------|
| DATE: 1-19-99 | DATE: 4-30-14 |
| TH #14 | TH P4 |
| 0"-10" LM | 0"-6" A, SL, 10YR 3/2 |
| 10"-30" SL | 6"-18" Bw, SL, 10YR 4/6 |
| 30"-66" FS, 3ST, R&B | 18"-78" C, CB, G, COSL |
| ESHW: 40" | 5YR 5/3 |
| LEDGE AT: 66" | ESHW: 24" |
| TH #9 | LEDGE AT: 78" |
| 0"-10" LM | SOIL CATEGORY: 6 |
| 10"-30" SL | TH P2 |
| 30"-66" FS, 3ST, R&B | 0"-8" A, SL, 10YR 3/2 |
| ESHW: 30" | 8"-20" Bw, SL, 10YR 5/6 |
| LEDGE AT: 66" | 20"-60" C, CB, G, COSL |
| TH #10 | 5YR 5/3 |
| 0"-10" LM | ESHW: 24" |
| 10"-30" SL | LEDGE AT: 60" |
| 30"-90" FS, 3ST, R&B | SOIL CATEGORY: 6 |
| ESHW: 20" | LEDGE PROBES: |
| LEDGE AT: 90" | P1 - 96" |
| SOIL CATEGORY: 6 | P3 - 60" |
| | P5 - 78" |



RAIN GARDEN TREATMENT

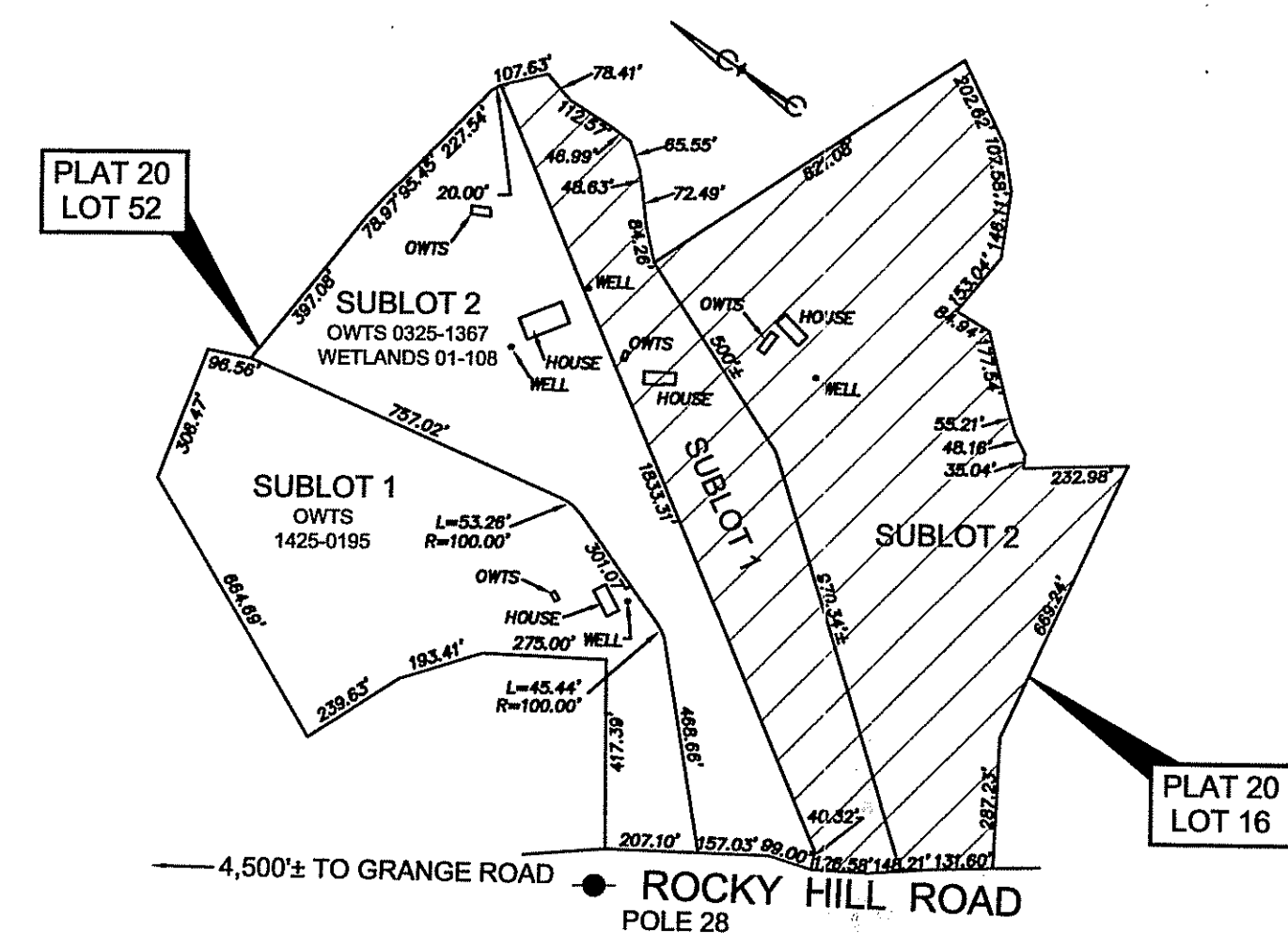
Rain garden to be 8" deep with a 2-4 inch amended soil layer (50/50 mixture of the excavated native soils and mature organic compost) and a 2-3 inch layer of non-dyed aged shredded hardwood mulch.

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/accumulation 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
SCALE 1"= 400'

NOTE: EROSION CONTROL TO BE INSTALLED PRIOR TO START OF CONSTRUCTION. IT IS TO BE INSPECTED BY THE OWNER OR CONTRACTOR AFTER ANY RAIN EVENT AND REPAIRED OR REPLACED AS NECESSARY UNTIL CONSTRUCTION IS COMPLETE AND AREA HAS STABILIZED.

LEGEND

- 100 - - - - - 100 EXISTING CONTOURS
- 100.25x EXISTING GRADE
- 17000 PROPOSED CONTOURS
- WG @ WATER GATE
- TEST HOLE

WETLANDS PLAN
for
GORDON F. B. ONDIS
PLAT 20, PART OF LOT 16
SUBLOT 1
ROCKY HILL ROAD
NORTH SMITHFIELD, RHODE ISLAND
JULY, 2014
SCALE: 1 INCH EQUALS 40 FEET

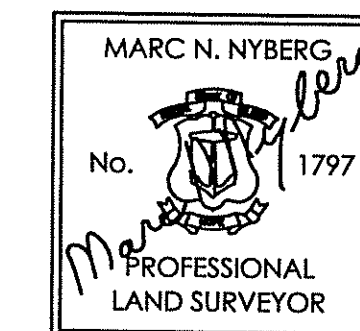
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 17-0122
DATED JUL 31 2014
SEE LETTER OF SAME DATE.

Charles H. Hackett

Environmental Management
JUL 21 2014
Office of Water Resources

THIS SURVEY AND PLAN CONFORM TO CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

Marc N. Nyberg
REG. PROFESSIONAL LAND SURVEYOR



MARC N. NYBERG ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RHODE ISLAND 02896
TEL (401) 762-2870 FAX (401) 762-2871

