

RAIN GARDEN

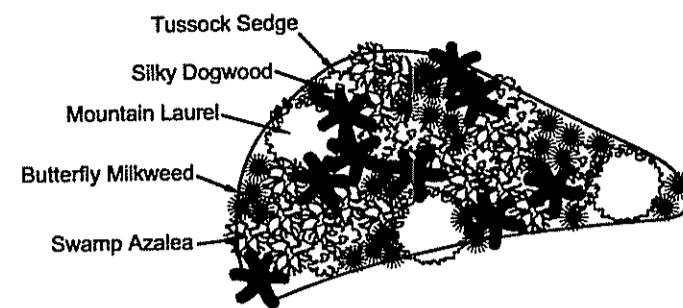
TREATMENT
 Rain garden to be 8" deep with a 2 - 4 inch amended soil layer (50/50 mixture of the excavated native soils and mature organic compost) and a 2 - 3 inch layer of non-dyed aged shredded hardwood mulch.

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.

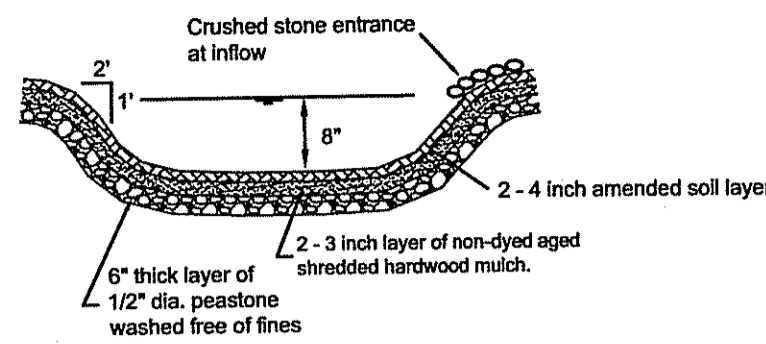
RAIN GARDEN PLANTING DETAIL

NOT TO SCALE
 AREA: 384 SF
 96 PLANTS

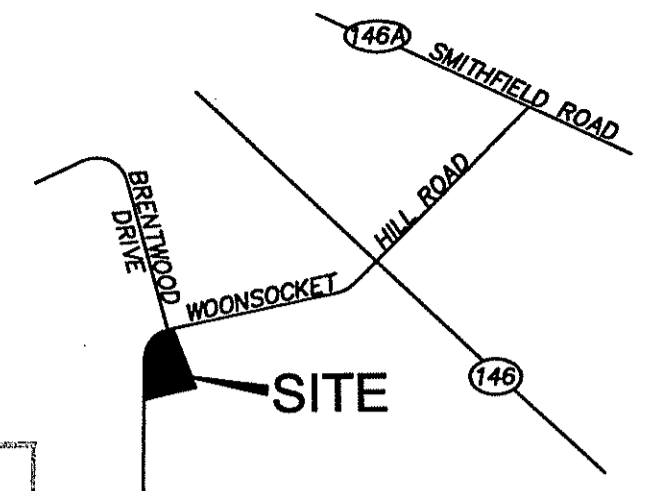


RAIN GARDEN CROSS-SECTION

NOT TO SCALE



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.

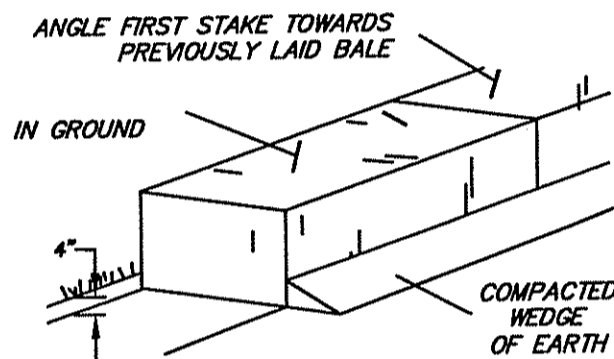


Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

LOCUS
 NOT TO SCALE

STAKED HAYBALE DETAIL

NOT TO SCALE

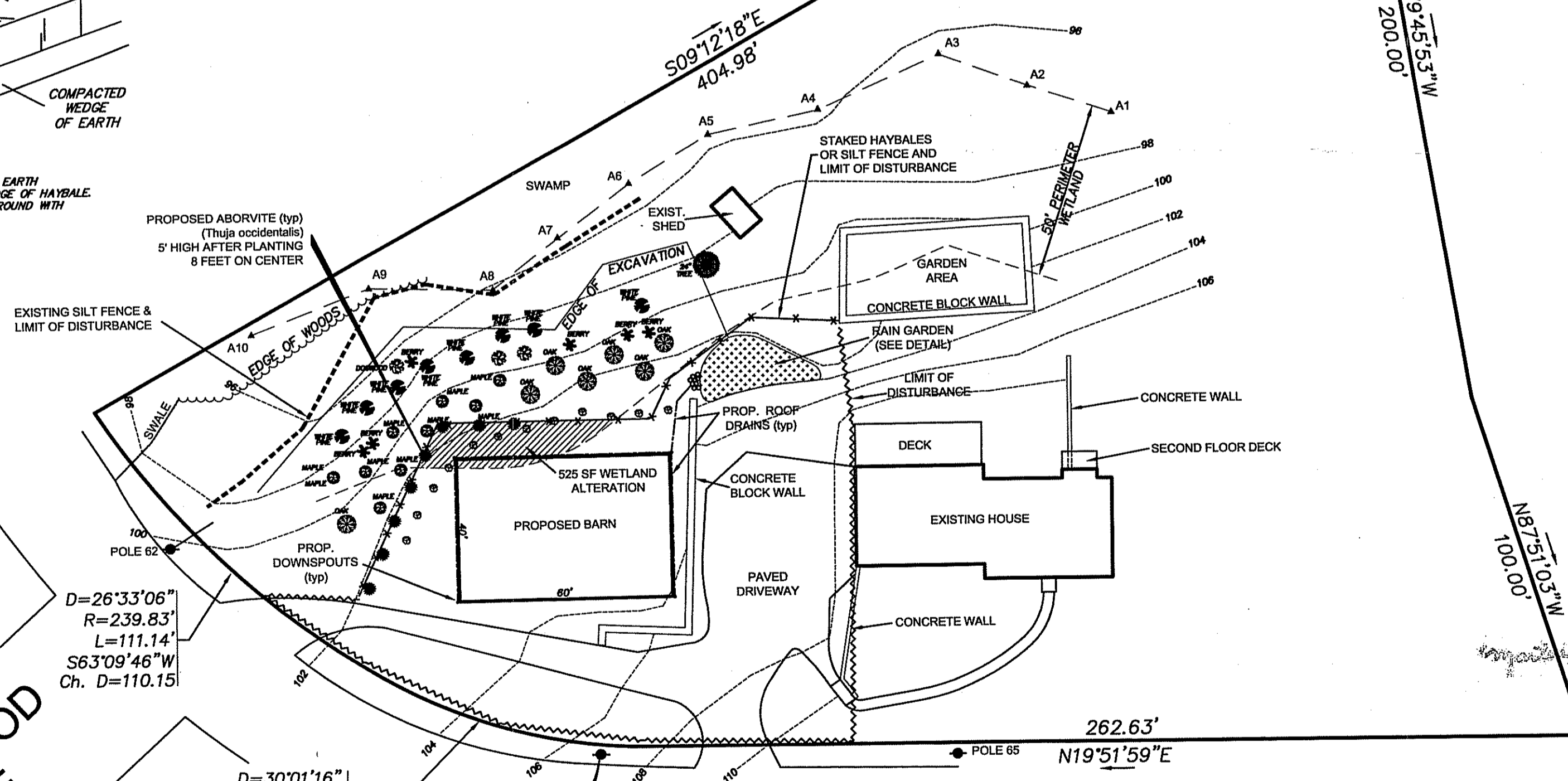


- EXCAVATE A 4" DEEP TRENCH.
- INSTALL HAYBALE.
- PLACE COMPACTED WEDGE OF EARTH AGAINST UPSTREAM LOWER EDGE OF HAYBALE.
- FIRMLY STAKE HAYBALE TO GROUND WITH TWO WOODEN STAKES.

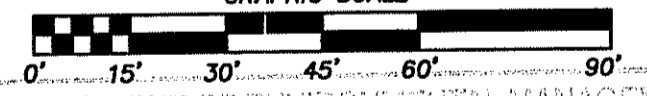
LEGEND

- 100-----100 EXISTING CONTOURS
- A3 Δ WETLAND FLAG
- ▲—▲— WETLAND EDGE
- EXISTING ABORVITE
- PROPOSED ABORVITE
- EXISTING SILT FENCE
- ××××× PROPOSED STAKED HAYBALES OR SILT FENCE & LIMIT OF DISTURBANCE
- ~~~~~ LIMIT OF DISTURBANCE

LOT AREA: 79.692 SF±



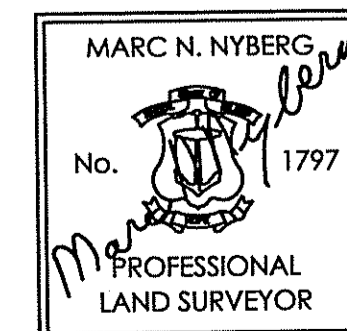
WETLANDS PLAN
 FOR
PAUL LAVALLEE
 ASSESSOR'S PLAT 8, LOT 258
 764 WOONSOCKET HILL ROAD
 NORTH SMITHFIELD, RI
 OCTOBER, 2014
 SCALE: 1 INCH EQUALS 30 FEET
 SHEET 1 OF 1
 REVISED: 12-12-14



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JAN 15 2015 FILE # 14-0199
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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

Marc 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

DEC 17 2014

BRENTWOOD DRIVE

WOONSOCKET HILL ROAD

D=26°33'06"
 R=239.83'
 L=111.14'
 S63°09'46"W
 Ch. D=110.151

D=30°01'16"
 R=150.01'
 L=78.60'
 S34°52'35"W
 Ch. D=77.70

BENCH MARK
 NAIL IN POLE 64
 ELEV. 108.62

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CONSTRUCTION

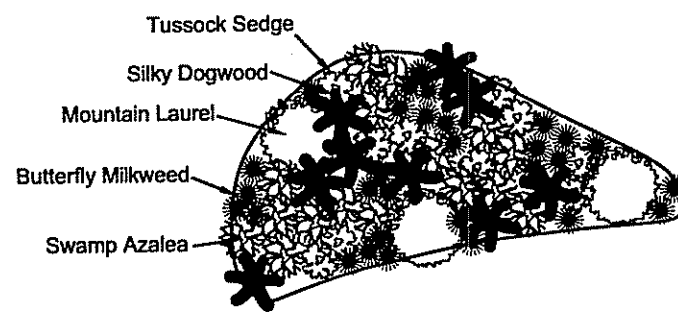
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MAINTENANCE

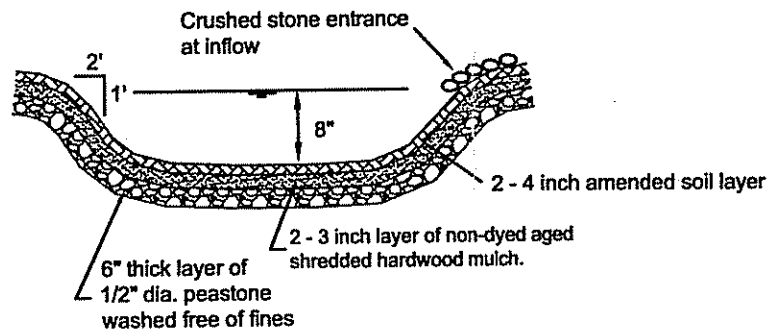
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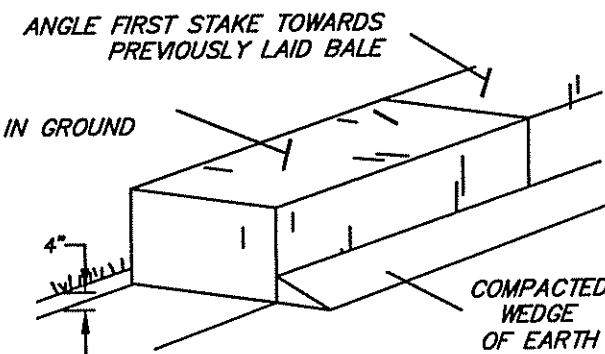


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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED MAY 26 2016 FILE # 14-0199
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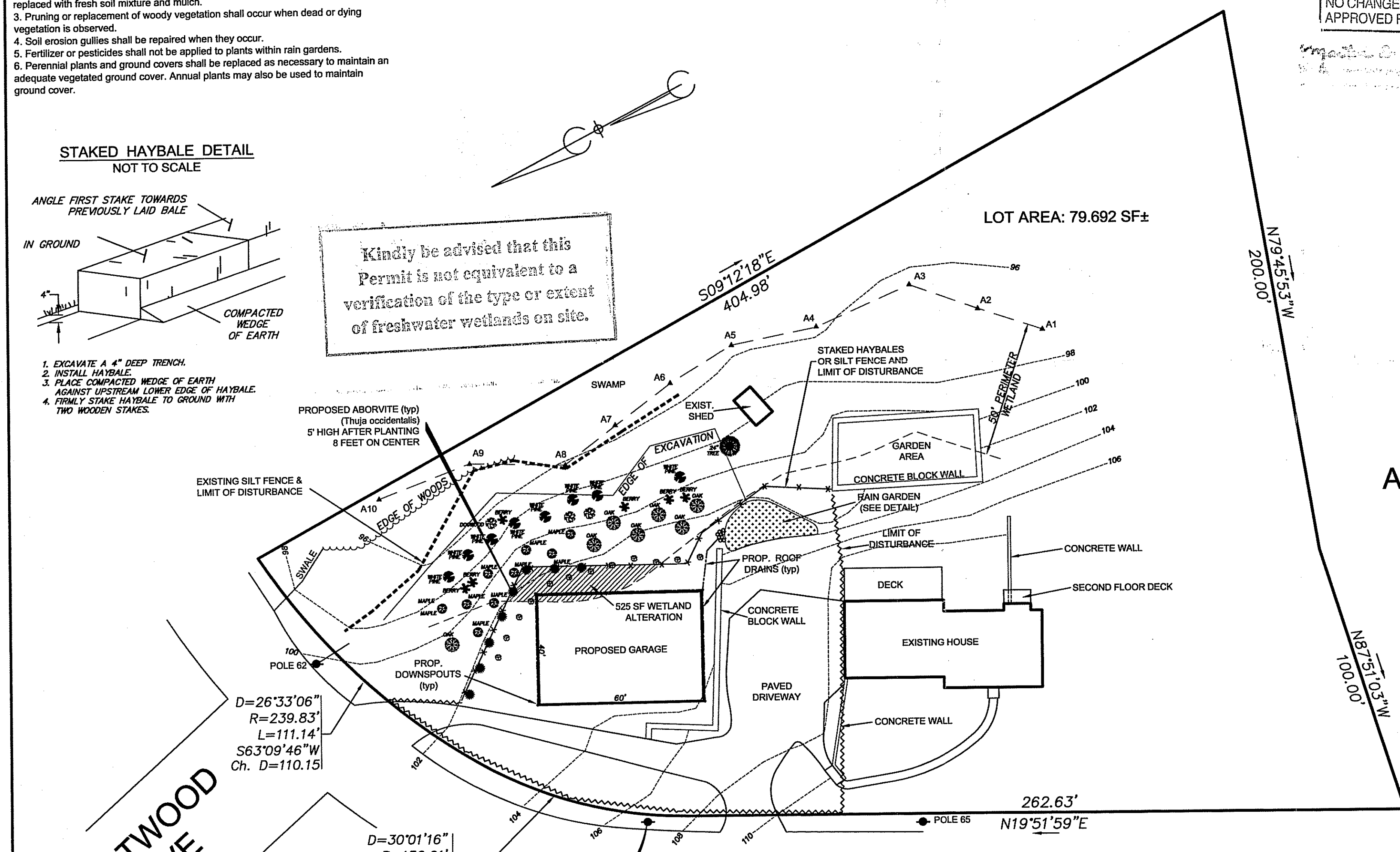
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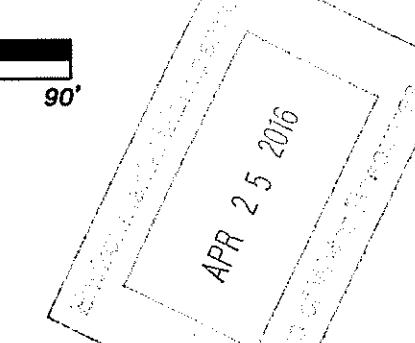
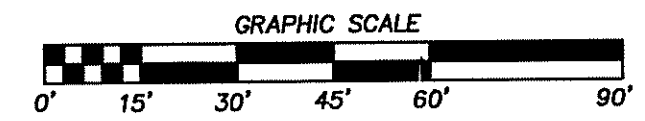


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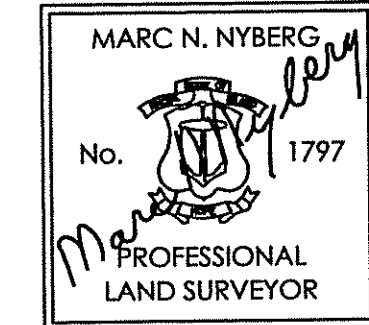
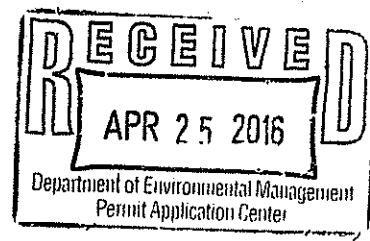
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OCTOBER, 2014
SCALE: 1 INCH EQUALS 30 FEET
SHEET 1 OF 1
REVISED: 12-12-14
4-8-16 - CHANGE "BARN" TO GARAGE



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Marc N. Nyberg
REG. PROFESSIONAL LAND SURVEYOR

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