

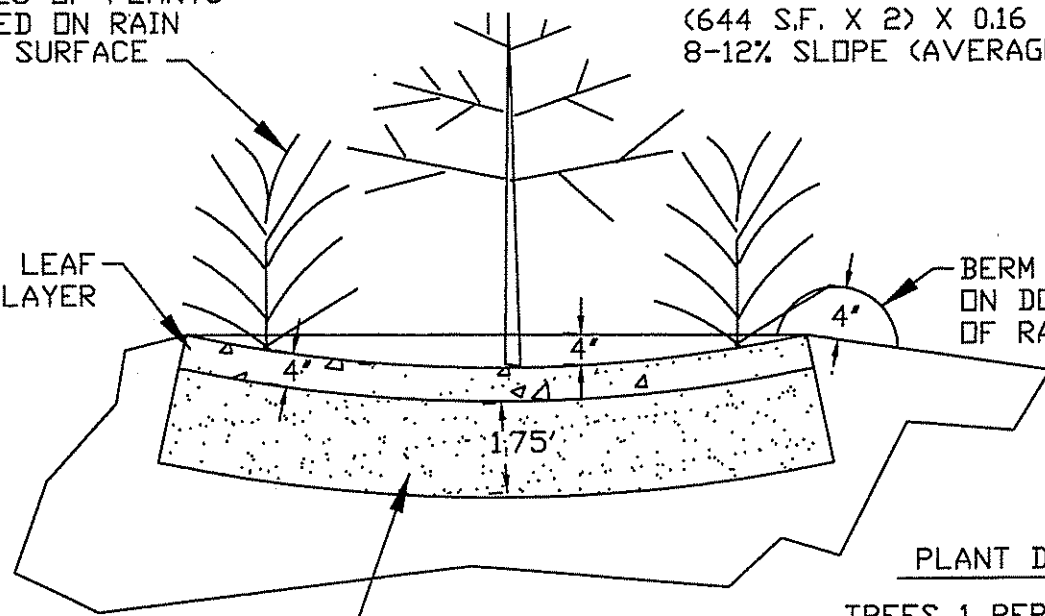
NATIVE SPECIES OF PLANTS
TO BE PLANTED ON RAIN
GARDEN SURFACE

RAIN GARDEN AREA REQUIRED

(644 S.F. X 2) X 0.16 = 206 S.F.
8-12% SLOPE (AVERAGE) = 8' DEPTH

MULCH AND OR LEAF
COMPOST LAYER

BERM TO BE BUILT
ON DOWNHILL SIDE
OF RAIN GARDEN



PLANT DENSITY

TREES 1 PER 250 S.F.
SHRUBS 1 PER 5 S.F.

HERBACEOUS VEGETATION 1 PER 2.5 S.F.

SANDY LOAM LAYER—
CONSISTING OF 85-88% SAND, 8-12% SILT
0-2% CLAY, 3-5% ORGANIC MATERIAL

RAIN GARDEN DETAIL

MAGNETIC NORTH 2009

STONE RETAINING WALL

PROPOSED 12" WIDE, 3/4" ANGULAR CRUSHED STONE
DRIVEWAY, 3" DEEP

PROPOSED EL. = 130'

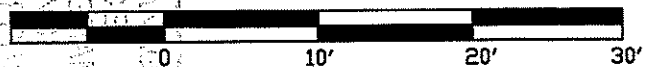
EXISTING EL. = 129'

PROPOSED SEWER LINE

PROPOSED ELECTRIC

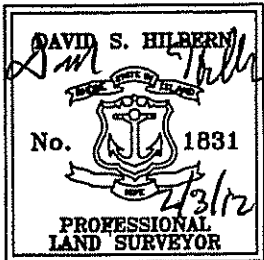
PROPOSED WATER LINE

SCALE IN FEET



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

BY: *David S. Hilbern*
REGISTERED PROFESSIONAL LAND SURVEYOR



Office of Water Resources
Environmental Management
FEB 14 2012

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER POLLUTION CONTROL PROGRAM
 APPROVED WITH CONDITION
 AS SPECIFIED IN THE LETTER OF APPROVAL
 11-0861
 Verna L. Freeman

CROSS SECTION OF PROPOSED ALTERATION TO
EMERGENT PLANT COMMUNITY WETLAND ON
LOT 68-6 ASSESSOR PLAT 10
OWNED BY LEWIS GAFFETT

SHEET 2 OF 2

HILBERN
Land Surveying
Land Surveyors and Planners

DATE 3/29/11 REVISED 10/30/11 SCALE: 1" = 10'

225 SHADY LEA RD. N. KINGSTOWN R I
401-294-4080 02852