

AP 78 Lot 16
N/F
Tuckahoe Land Company
Deed Book 32 Page 594
Area = 30.41 Acres

AP 78 Lot 15
N/F
Benjamin Tucker Hodgson
Deed Book 347 Page 109
Area = 14.05 Acres ±

Limit of Disturbance to extend along the eastern edge of the driveway to the property line per RIDEM

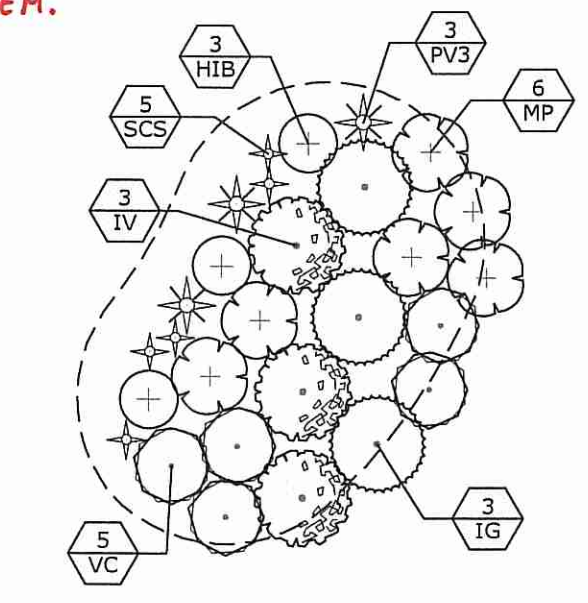
Highbush blueberry (*Vaccinium corymbosum*) planted 10' apart on center, minimum 4 feet tall balled and burlapped per RIDEM

Per RIDEM: substitute rain barrels for rain garden

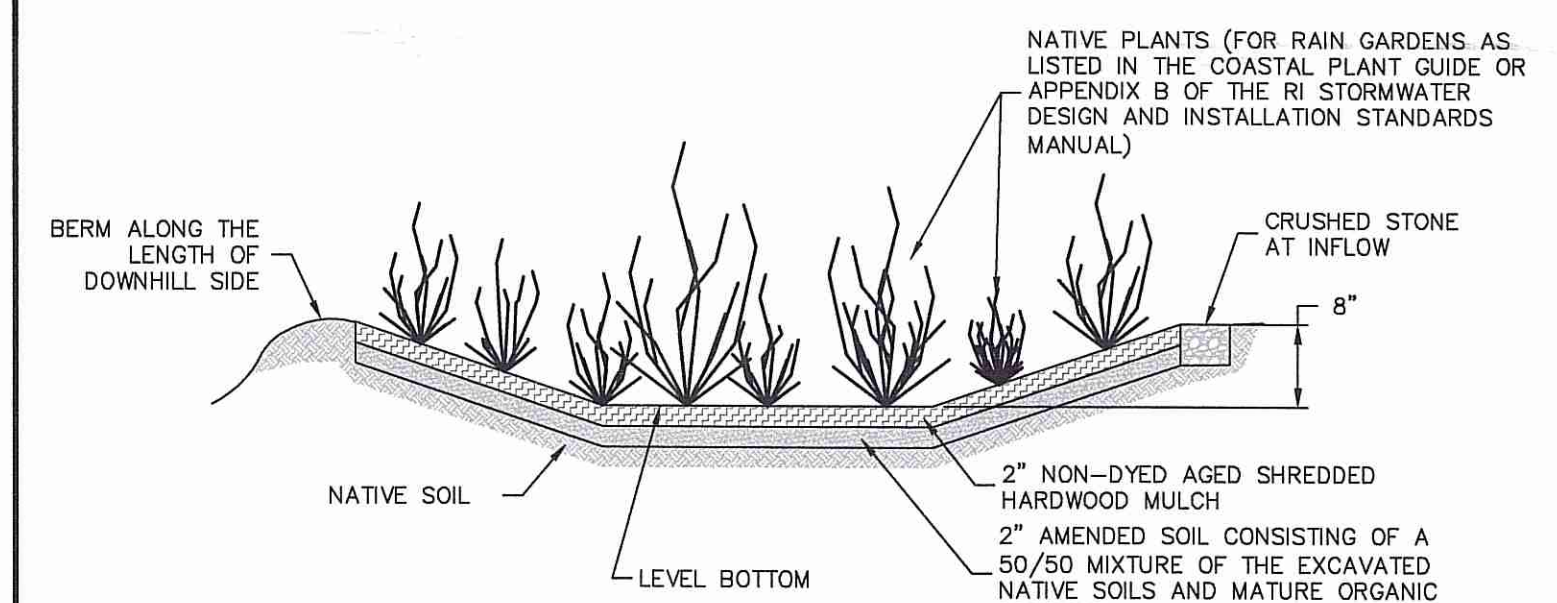
All material stored easterly and southerly of this established limit of disturbance line must be relocated northerly and westerly of this line per RIDEM.

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

PLANT SCHEDULE			
SHRUBS			
IG	3	Ilex glabra 'Shamrock'	Inkberry 3/4" B&B
IV	3	Ilex verticillata 'Sparkleberry'	Winterberry 3/4" B&B
MP	6	Myrica pensylvanica	Northern Bayberry 5 gal
VC	5	Vaccinium corymbosum 'Bluecrop'	Bluecrop Highbush Blueberry 5 gal
ANNUALS/PERENNIALS			
HIB	3	Hibiscus moscheutos	Rose Mallow 5 gal
GRASSES			
PV3	3	Panicum virgatum 'Prairie Sky'	Prairie Sky Switch Grass 2 gal
SCS	5	Schizachyrium scoparium 'Prairie Blues'	Little Bluestem Grass 1 gal

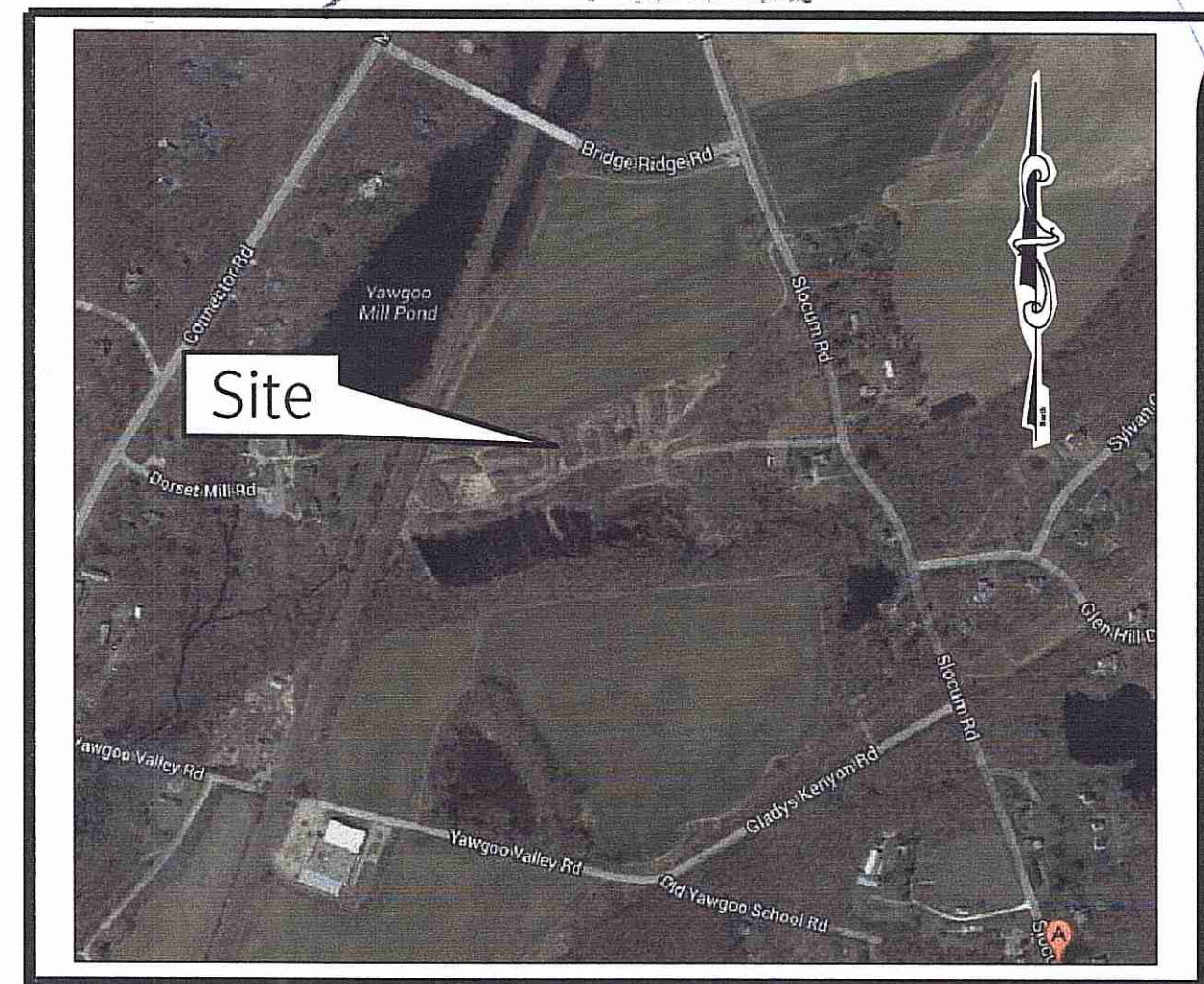


RAIN GARDEN PLANTING DETAIL
SCALE: 1" = 10'

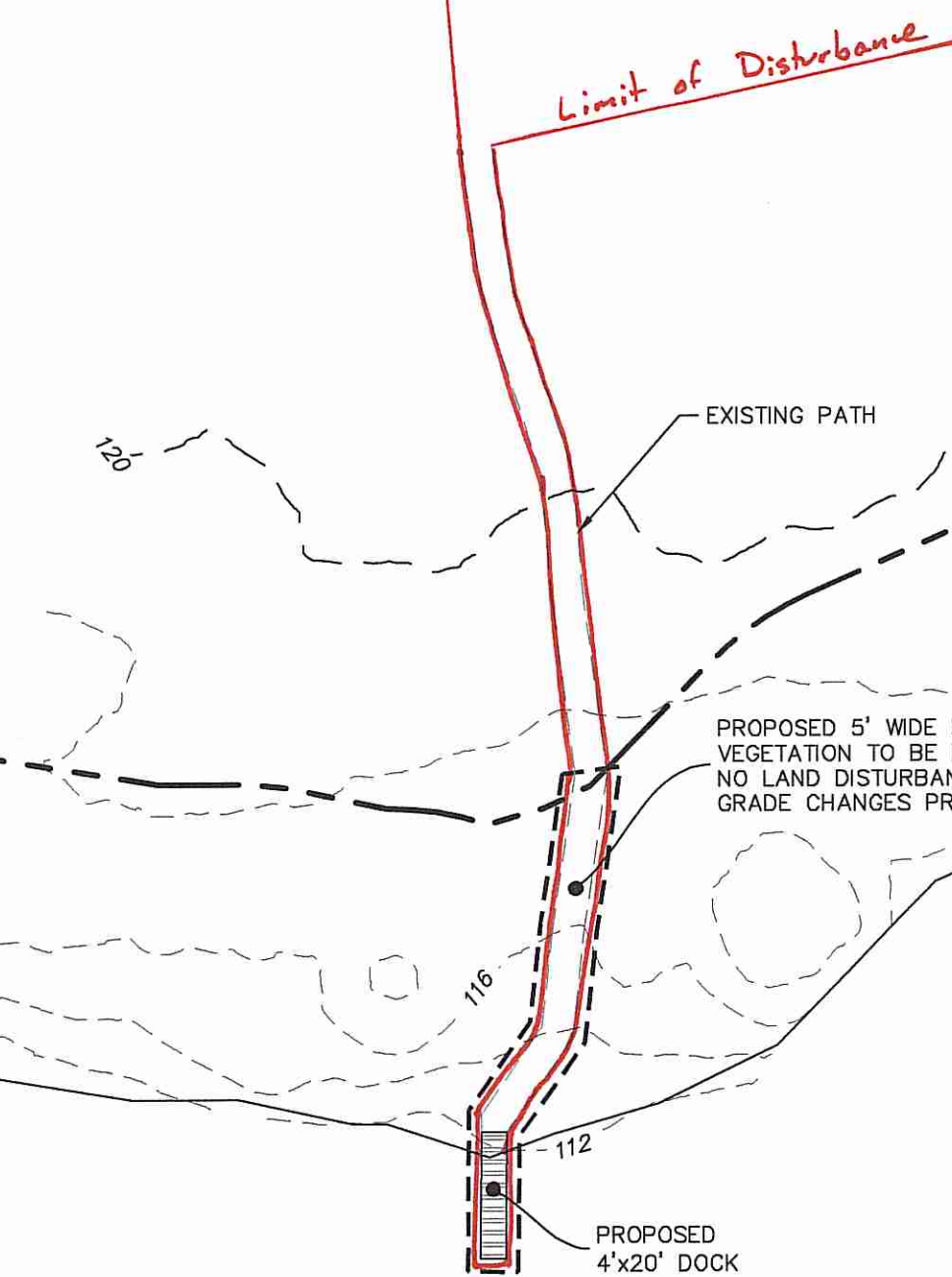


TYPICAL RAIN GARDEN 8" DEEP CROSS SECTION
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 05 2017 FILE # 16-0218
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Stephen B. Wemel

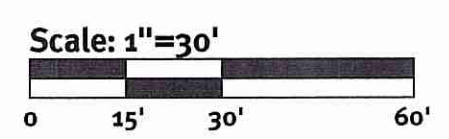


Vicinity Map



Legend

	PROPERTY LINE
	ASSESSORS LINE
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	SILT FENCE (RIDOT 9.2.0)
	LIMIT OF DISTURBANCE (LOD)
	LIMITS OF LAWN AREA (APPROXIMATE)
	RAIN GARDEN OUTLINE
	WELL



Drainage Notes

- FINAL GRADING SHALL DIRECT ROOF RUNOFF FROM DOWNSPOUTS BY OVERLAND FLOW INTO THE RAIN GARDEN.
- ROOF AND ADDITIONAL DRIVEWAY RUNOFF MITIGATION PROVIDED THROUGH A RAIN GARDEN SIZED TO ACCOMMODATE 4,060 SF OF IMPERVIOUS RUNOFF PER TABLE 7, RAIN GARDEN SIZING GUIDANCE FOR SANDY SOILS FOUND IN THE 'STATE OF RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT,' UPDATED FEBRUARY 13, 2013.
- RAIN GARDEN SIZING CALCULATION**
RAIN GARDEN: IMPERVIOUS AREA = 4,060 SF (1,500 SF BARN ROOF + 2,560 SF ADDITIONAL DRIVEWAY AREA)
SURFACE AREA REQUIRED FOR 8" RAIN GARDEN: 80 SF/1,000 SF IMPERVIOUS AREA = 4,060 SF X 80 SF/1,000 SF = 325 SF
RAIN GARDEN SURFACE AREA PROVIDED: 350 SF

General Notes

- THE PARCEL IS LOCATED IN THE TOWN OF EXETER ON ASSESSOR'S PLAT 78, LOT 15.
- THE OWNER PER DEED BOOK 347, PAGE 109 IS BENJAMIN TUCKER HODGSON.
- THE PARCEL IS LOCATED IN ZONE C PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 4400320029A, DATED MARCH 1, 1982.
- CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A T-4 TOPOGRAPHICAL SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. SAID DATA IS BASED ON ELEVATION INFORMATION THAT WAS COLLECTED WITH AIRBORNE LIDAR TECHNOLOGY FOR THE ENTIRE AREA OF RHODE ISLAND BETWEEN APRIL 22 AND MAY 6, 2011 AS PART OF THE NORTHEAST LIDAR PROJECT. THIS DATA'S POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED BY DIPRETE ENGINEERING AND IS SUBJECT TO CHANGES AN AUTHORITY FIELD SURVEY MAY DISCLOSE. THIS TOPOGRAPHY DOES NOT REFLECT THE AS-BUILT SITE GRADING.

MAINTENANCE: SHORT TERM / LONG TERM

- THE FOLLOWING MAINTENANCE PROCEDURES SHALL BE FOLLOWED FOR RAIN GARDENS:
- RAIN GARDENS 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.
 - 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.
 - PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
 - SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
 - FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN RAIN GARDENS.
 - 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.

