

**Notes for Rain Garden Design**

1. Soil analysis and rain garden design performed by Edward J. Avizinis, licensed Class IV Soil Evaluator (#D4083), Natural Resource Services, Inc.
2. Size calculations based on silt loam textured subsoil using the University of Wisconsin Extension publication "Rain Gardens: a how-to manual for homeowners".
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6. Flows will be conveyed from the rooftops to the rain gardens and a crushed stone entrance will be constructed at the inflow to prevent channeling.
7. Rain garden will be planted in accordance with the accompanying planting scheme.

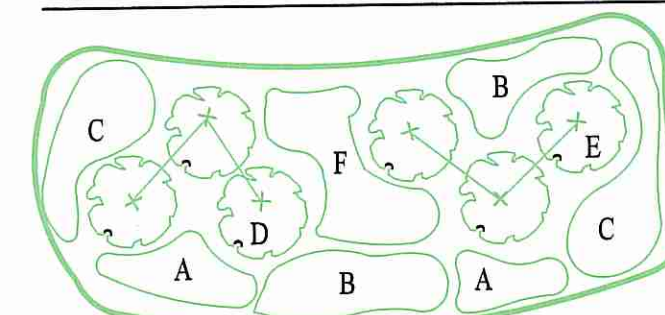
**Rain Garden Maintenance Schedule**

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3. Pruning or replacement of woody vegetation shall occur when dead or dying vegetation is observed.
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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.

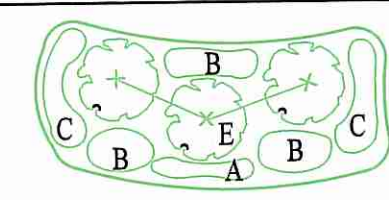
**LEGEND**



**Typical Planting Scheme for Rain Gardens 1 and 3.**

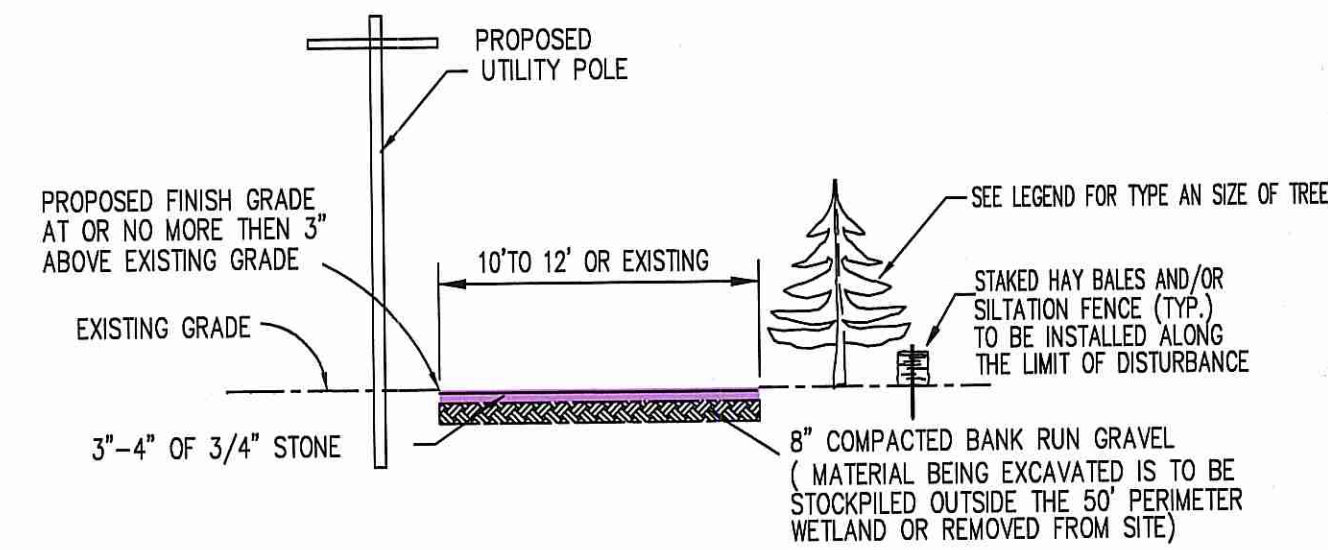


**Typical Planting Scheme for Rain Gardens 2 and 4.**



**Plant Key**

- A- New England Aster (Symphyotrichum novae-angliae)
- B- Blue Flag Iris (Iris versicolor)
- C- Joe-Pye Weed (Eutrochium purpureum)
- D- Arrowwood (Viburnum dentatum)
- E- Swamp Azalea (Rhododendron viscosum)
- F- Tussock Sedge (Carex stricta)



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LOT 181 : DEED BOOK 668 PAGE 240

NOTE:  
THE PROPERTY LINE INFORMATION REPRESENTED BY THIS SURVEY AND PLAN CONFORM TO A CLASS "1" STANDARD AS ADOPTED BY RHODE ISLAND SOCIETY OF PROFESSIONAL LAND SURVEYORS. ALL OTHER INFORMATION RELATIVE TO THE POSITION OR LOCATION OF PHYSICAL FEATURES CONFORM TO A CLASS III SURVEY.

By *John D. Andrews*  
certification

drawn by BSA  
checked by JDA  
revised on  
#1 FEBRUARY 1, 2013 JDA  
#2 SEPTEMBER 16, 2013 JDA  
#3 NOVEMBER 14, 2013 JDA  
#4 MARCH 8, 2014 JDA  
#5 NOVEMBER 3, 2014 JDA  
#6 DECEMBER 29, 2014 JDA  
#7 JANUARY 2, 2015 JDA  
#8 JANUARY 30, 2015 JDA

**Douglas DESIGN GROUP**

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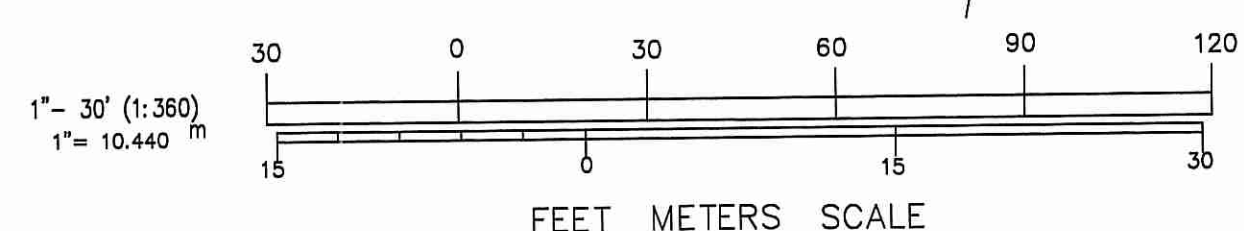
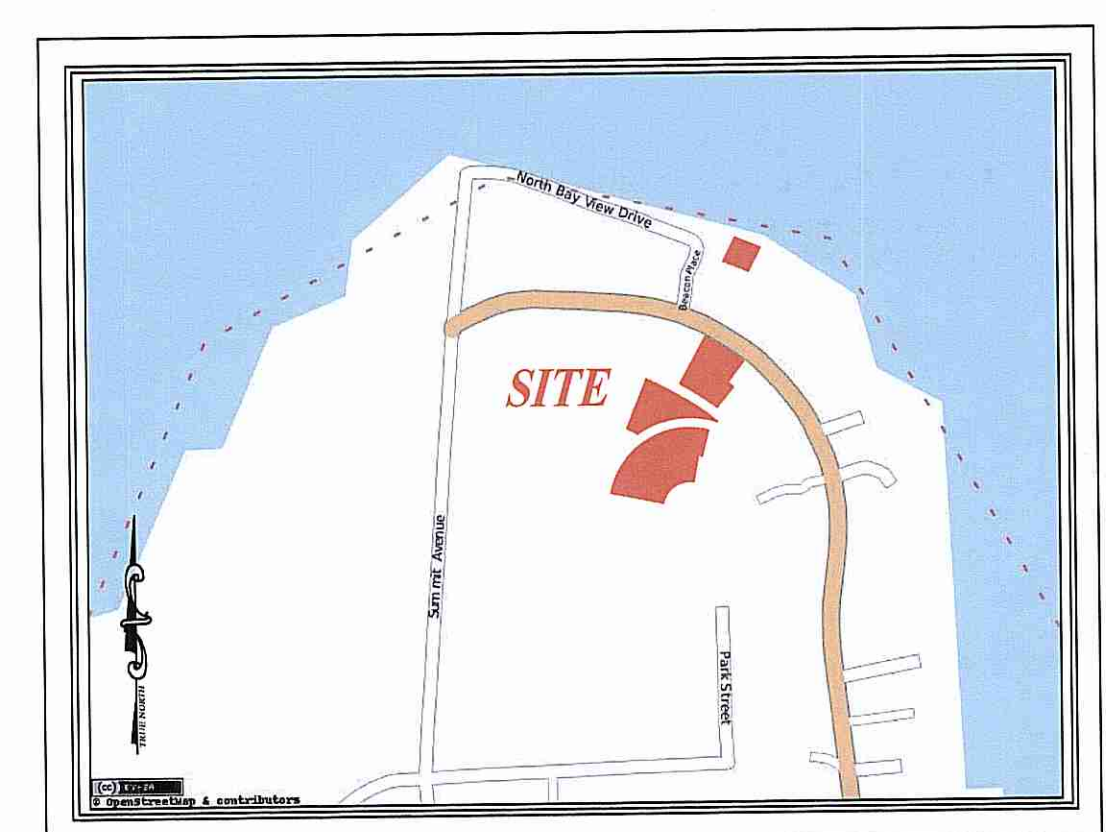
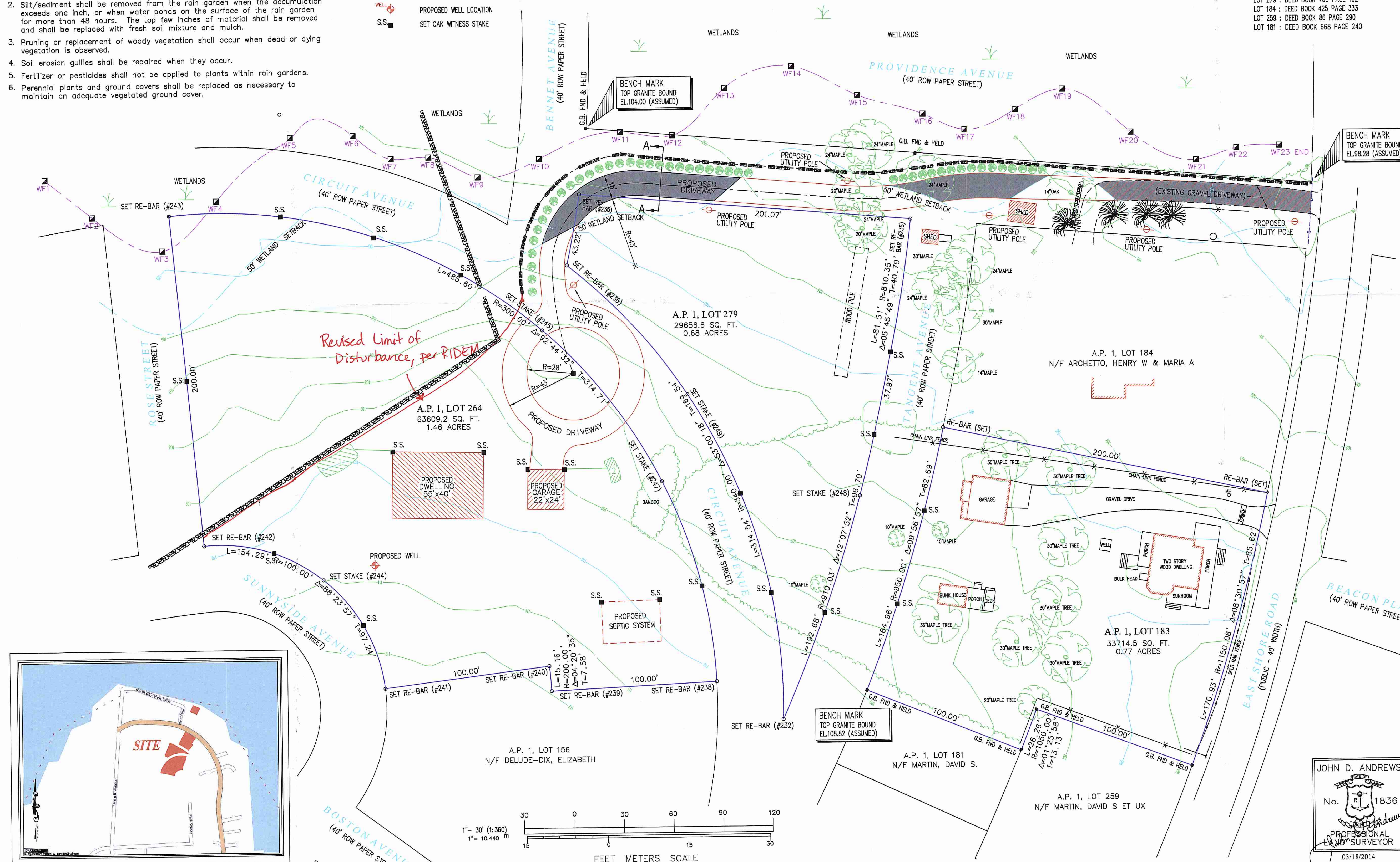
Project  
**TOPOGRAPHICAL AND PROPERTY SURVEY OF LAND**  
**LOTS 183, 279, 264 & 213**  
**A.P. 1**  
1093 EAST SHORE ROAD  
JAMESTOWN, RHODE ISLAND

DATE: JANUARY 21, 2013  
SCALE: 1" = 30'

drawing status  
issued on  
sheet contents

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
ISSUED FEB 23 2015 FILE # 15-0169  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

drawing no.  
sheet 1 of 1



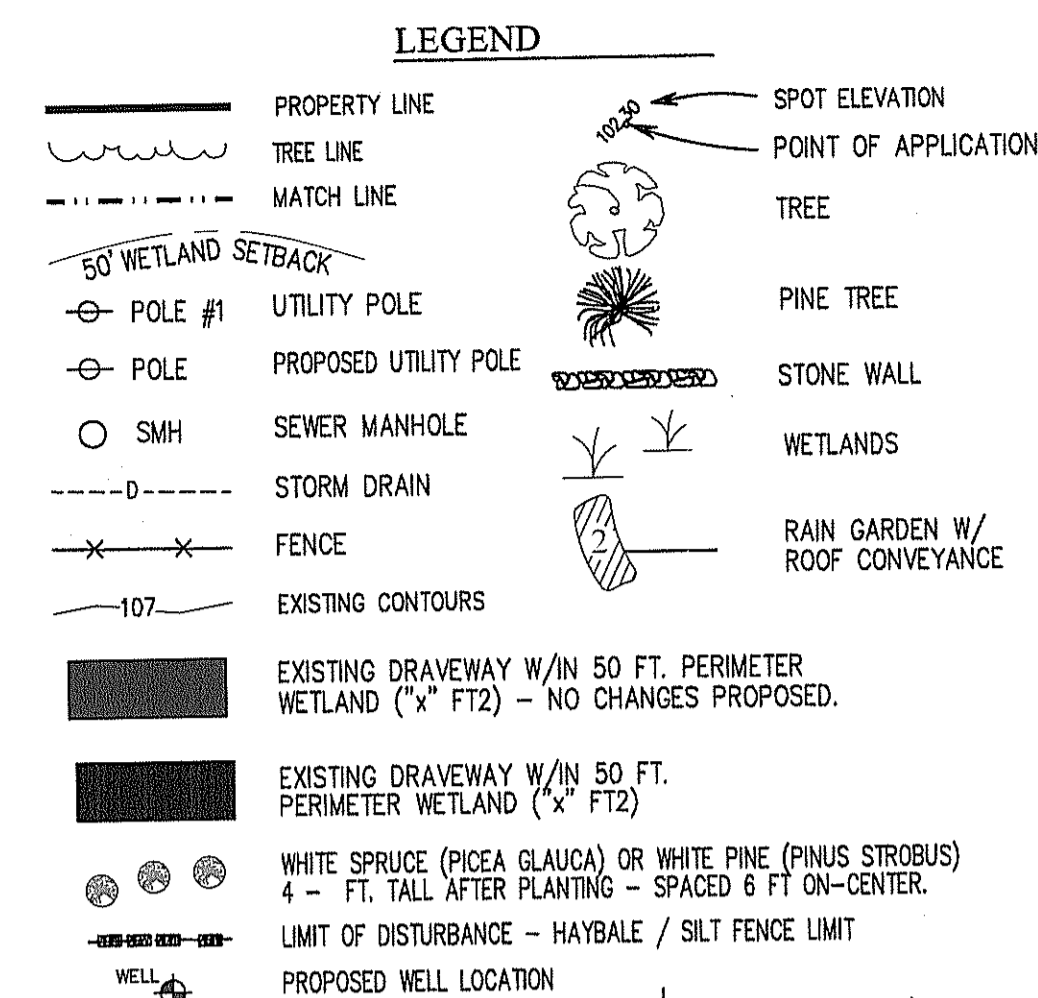
JOHN D. ANDREWS  
No. 1836  
PROFESSIONAL LAND SURVEYOR  
03/18/2014

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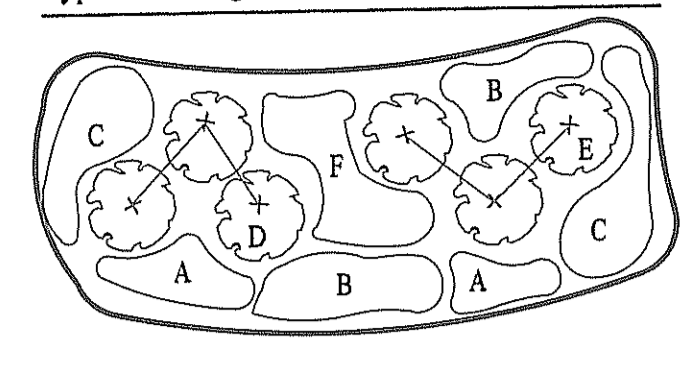
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**Rain Garden Maintenance Schedule**

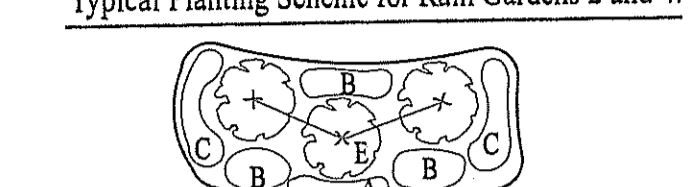
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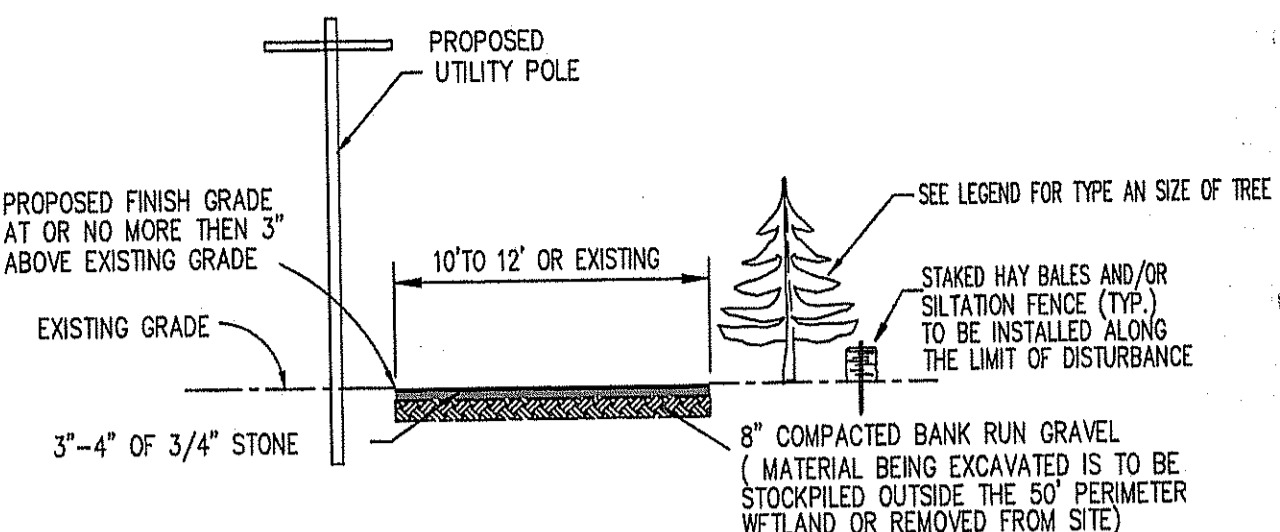
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Typical Planting Scheme for Rain Gardens 2 and 4.



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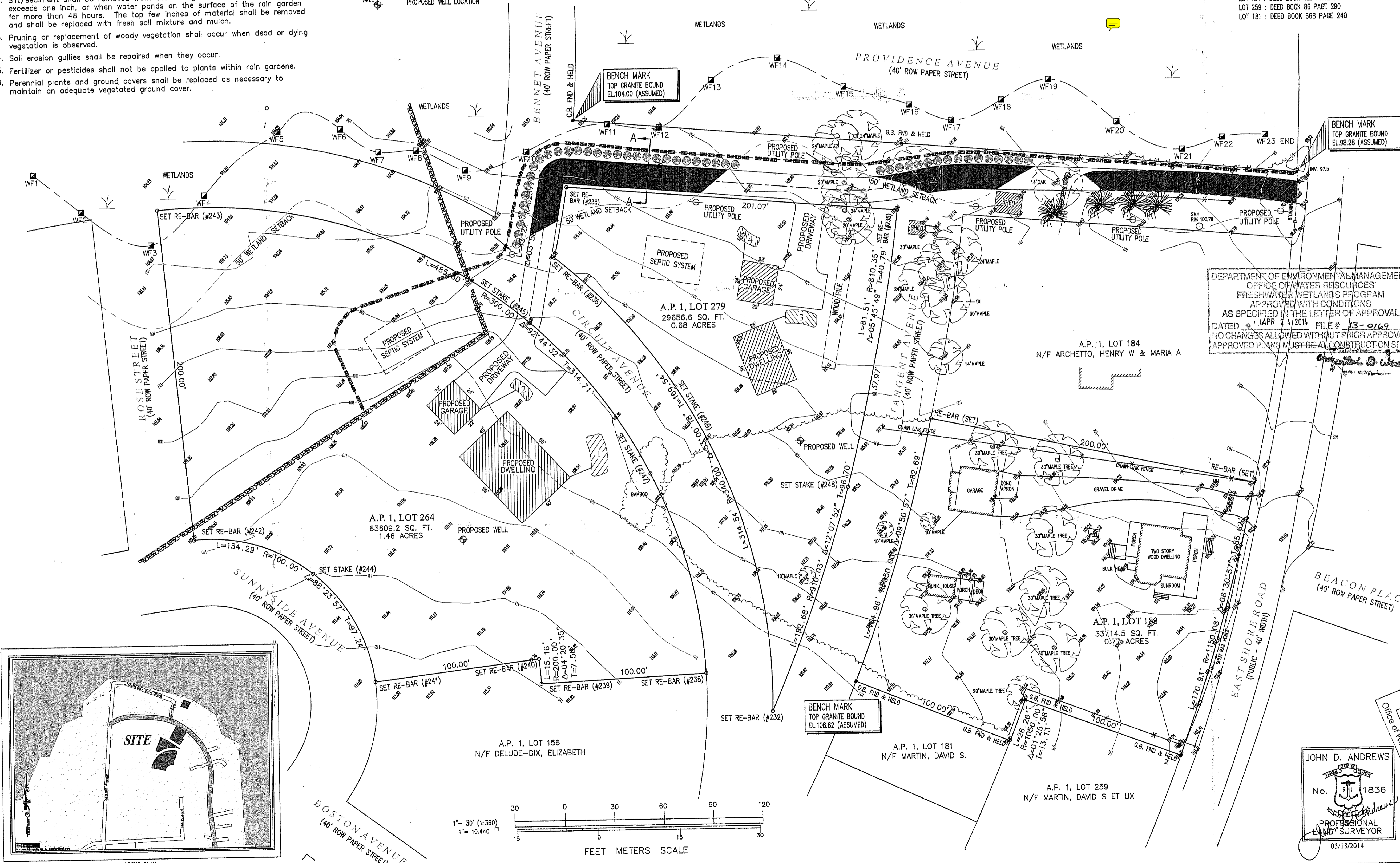
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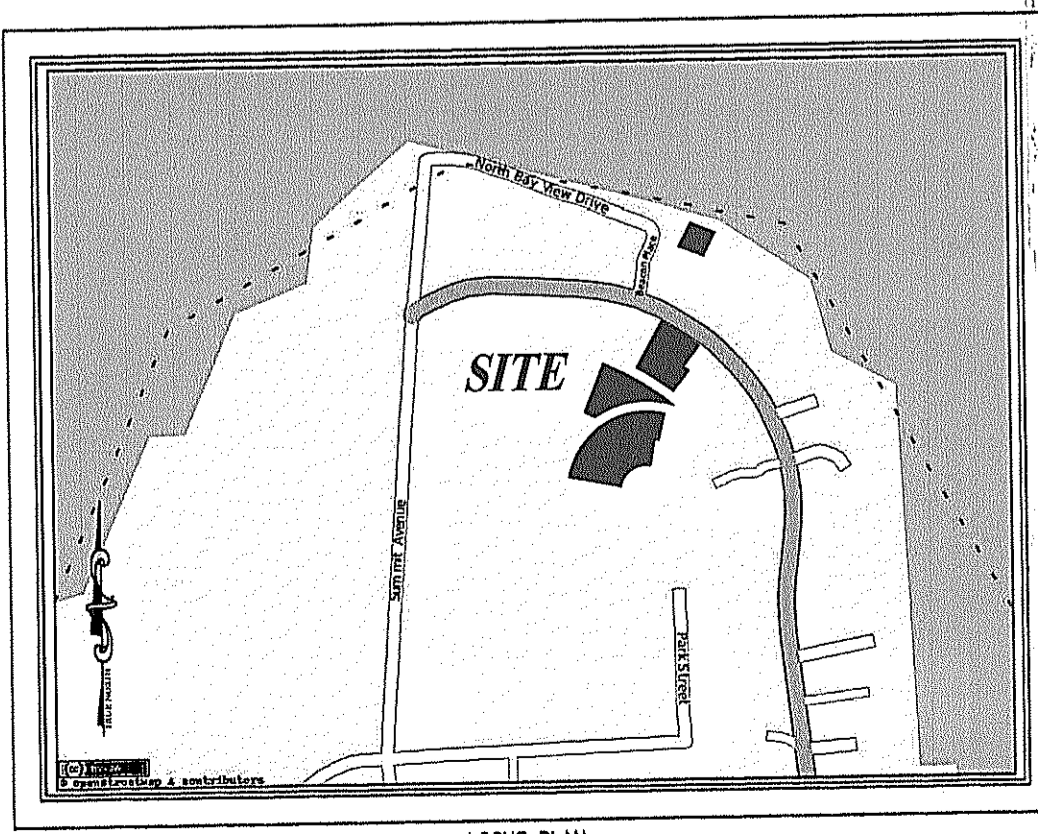


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Office of Water Resources  
APR 2 2014  
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sheet 1 of 1

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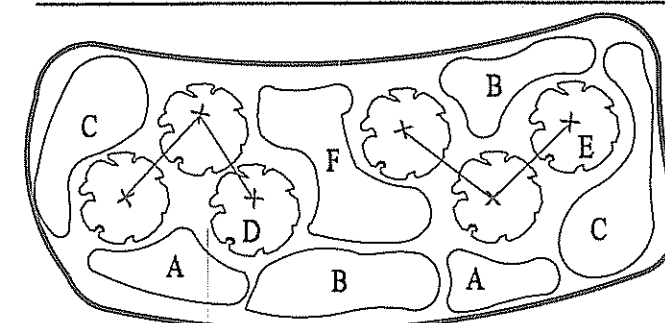
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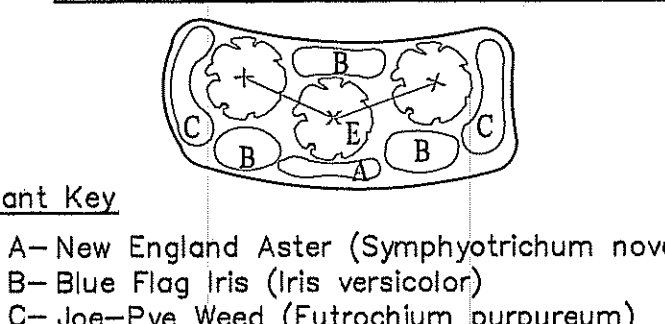
**LEGEND**

	PROPERTY LINE		SPOT ELEVATION
	TREE LINE		POINT OF APPLICATION
	MATCH LINE		TREE
	50' WETLAND SETBACK		PINE TREE
	UTILITY POLE		STONE WALL
	PROPOSED UTILITY POLE		WETLANDS
	SEWER MANHOLE		RAIN GARDEN W/ ROOF CONVEYANCE
	STORM DRAIN		
	FENCE		
	EXISTING CONTOURS		
	EXISTING DRIVEWAY W/IN 50 FT. PERIMETER WETLAND ("X" FT2) - NO CHANGES PROPOSED.		
	EXISTING DRIVEWAY W/IN 50 FT. PERIMETER WETLAND ("X" FT2)		
	WHITE SPRUCE (PICEA GLAUCA) OR WHITE PINE (PINUS STROBUS) 4 - FT. TALL AFTER PLANTING - SPACED 6 FT ON-CENTER.		
	LIMIT OF DISTURBANCE - HAYBALE / SILT FENCE LIMIT		
	PROPOSED WELL LOCATION		

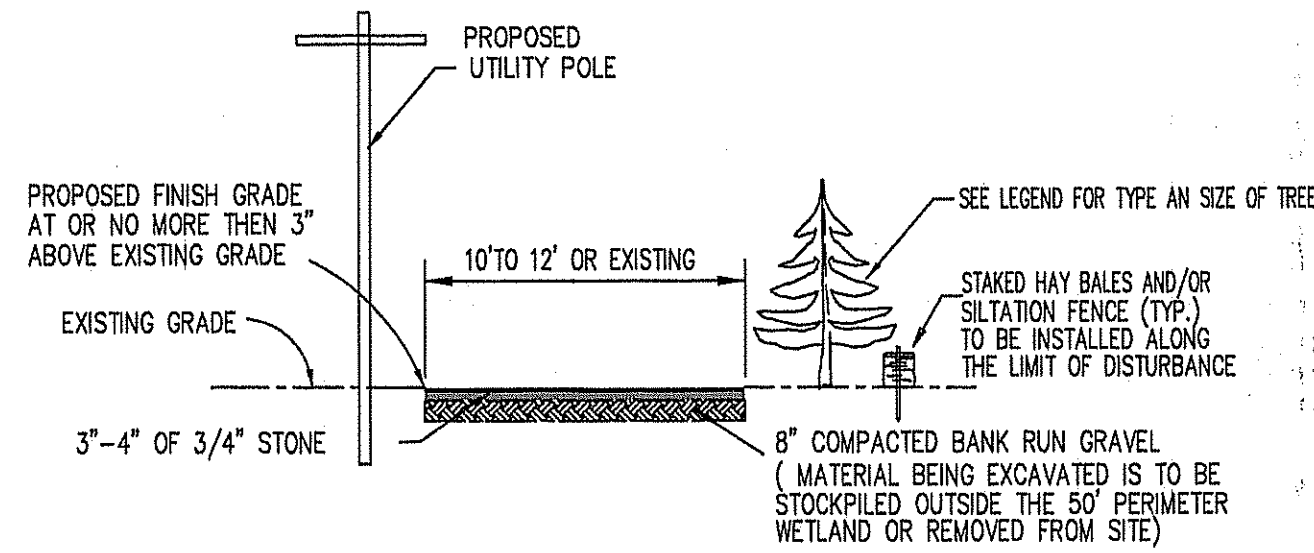
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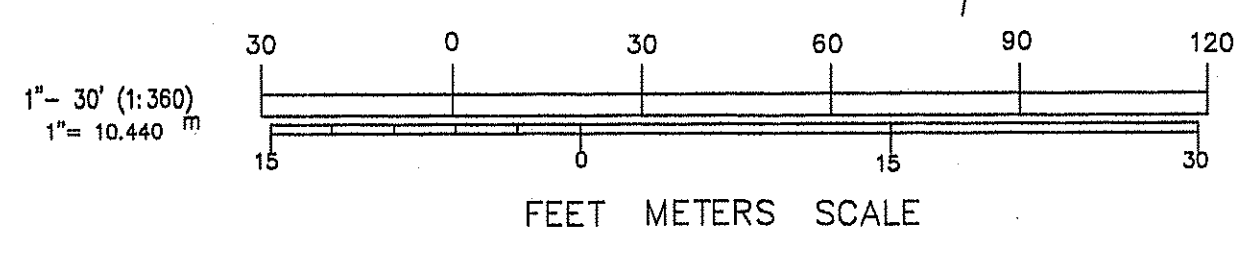
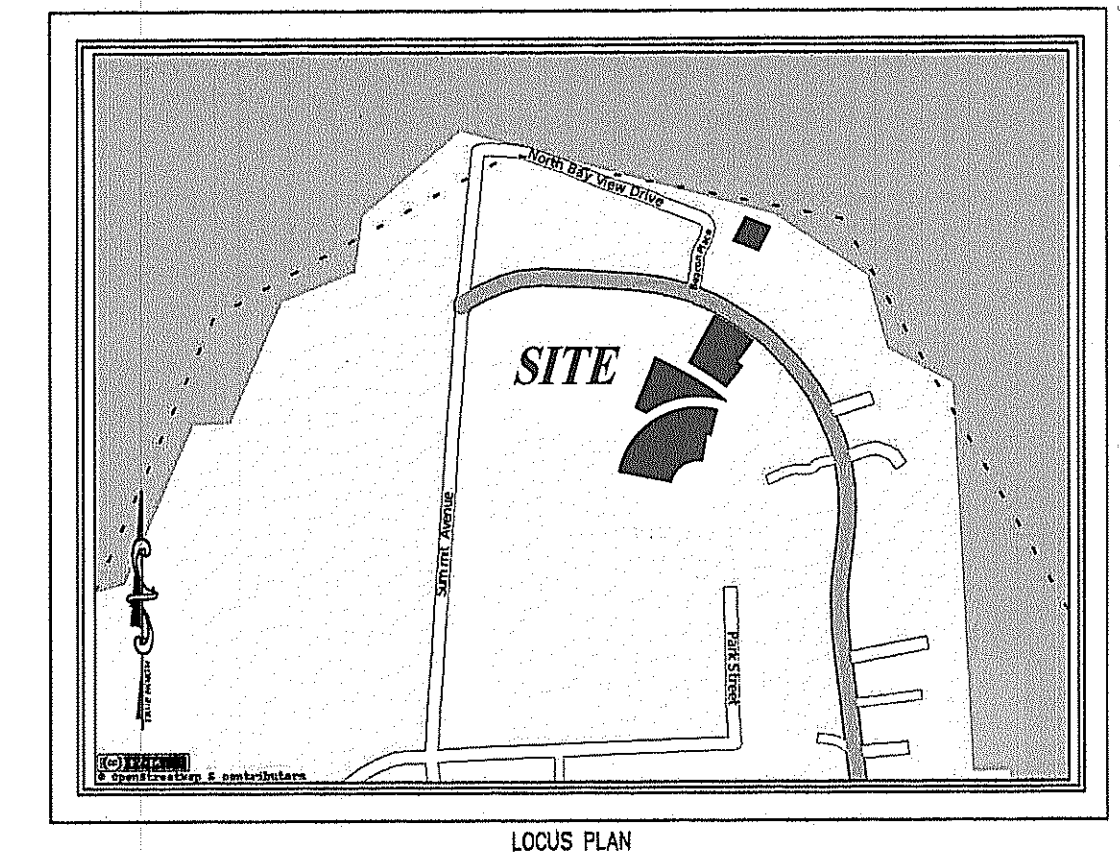
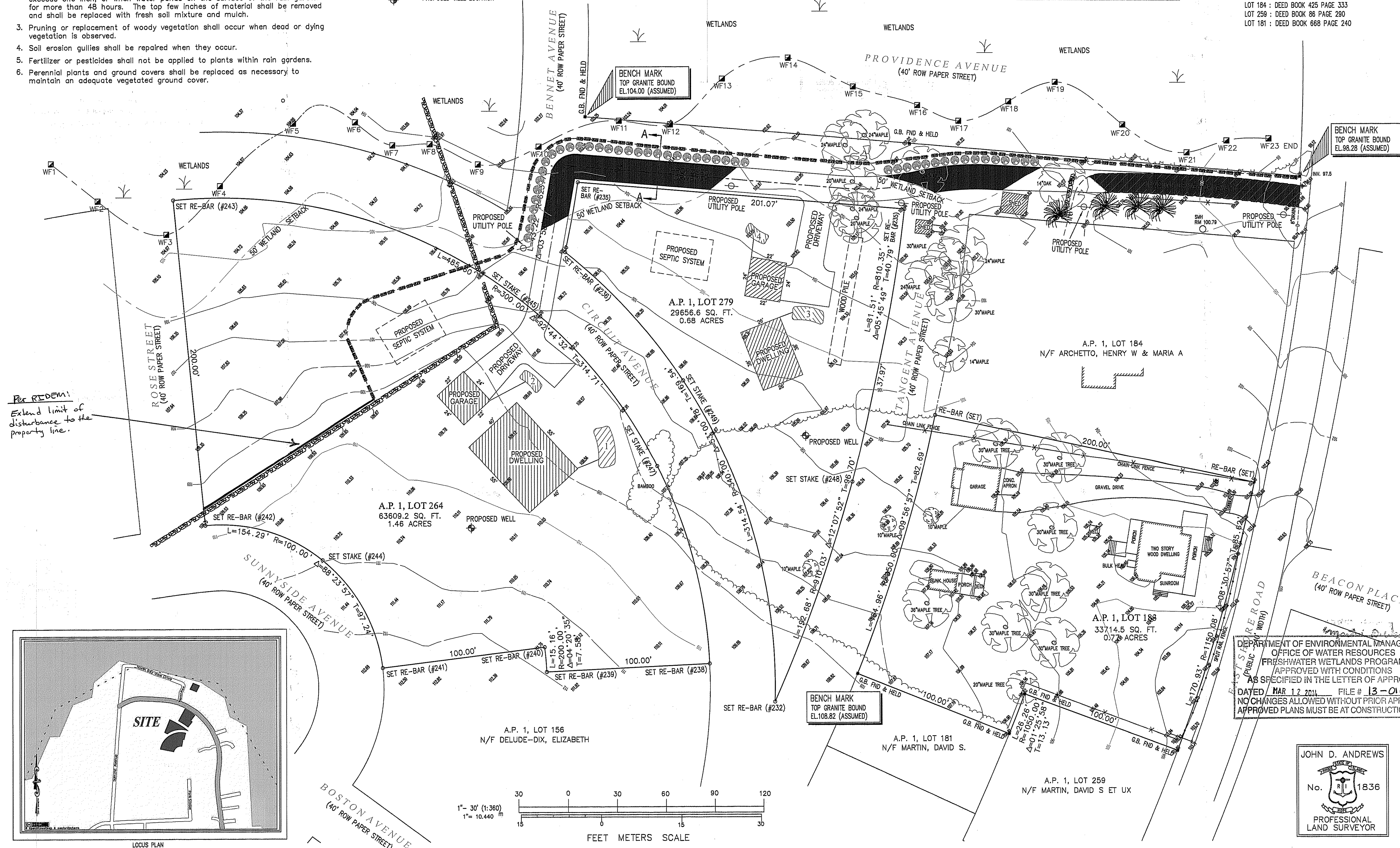


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**Environmental Management  
FEB 26 2014  
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sheet 1 of 1