

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

THE HAYBALE AND SILT FENCE LINE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.

THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.

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ALL HAYBALES, TEMPORARY (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.

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ESTABLISHMENT OF VEGETATIVE COVER:

ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.I. STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 202.

SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.

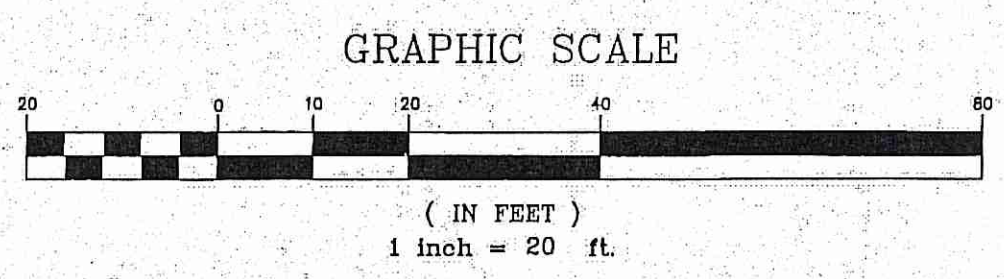
THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM TO RHODE ISLAND STANDARD SPECIFICATION M.20.

THE SEED MIX TO BE USED ON SLOPE APPROACHING WETLAND SHALL BE THE NEW ENGLAND CONSERVATION/WILDLIFE MIX FROM NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL APPLIED AT A RATE OF 25 LBS. PER ACRE AND MULCHED WITH STRAW.

EARLY SPRING OR LATE SUMMER SEEDING IS RECOMMENDED. LIME AND FERTILIZER AS REQUIRED BY SOIL TESTING TO COMPLEMENT OR UPGRADE EXISTING CONDITIONS.

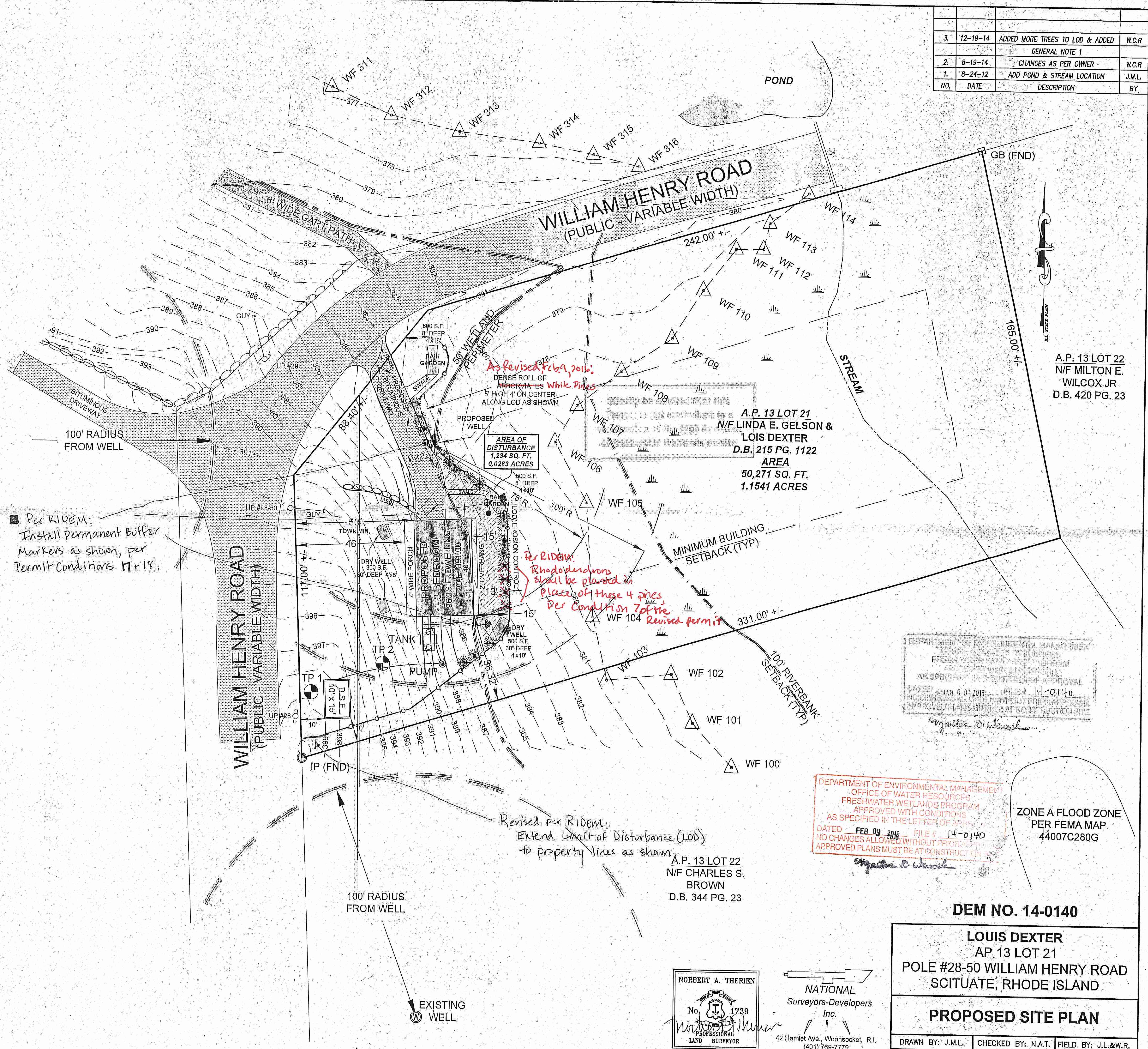
GENERAL NOTES:

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"I CERTIFY THAT THE INFORMATION SHOWN HEREON HAS BEEN OBTAINED BY AN ACTUAL SURVEY ON THE GROUND, THAT IT IS CORRECT AND THIS SURVEY AND PLAN CONFORM TO A CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

BY: *Robert A. Therien*
 NORBERT A. THERIEN P.L.S.



NO.	DATE	DESCRIPTION	BY
3.	12-19-14	ADDED MORE TREES TO LOD & ADDED GENERAL NOTE 1	W.C.R
2.	8-19-14	CHANGES AS PER OWNER	W.C.R
1.	8-24-12	ADD POND & STREAM LOCATION	J.M.L.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JAN 09 2015 FILE # 14-0140
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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ZONE A FLOOD ZONE
 PER FEMA MAP
 44007C280G

DEM NO. 14-0140

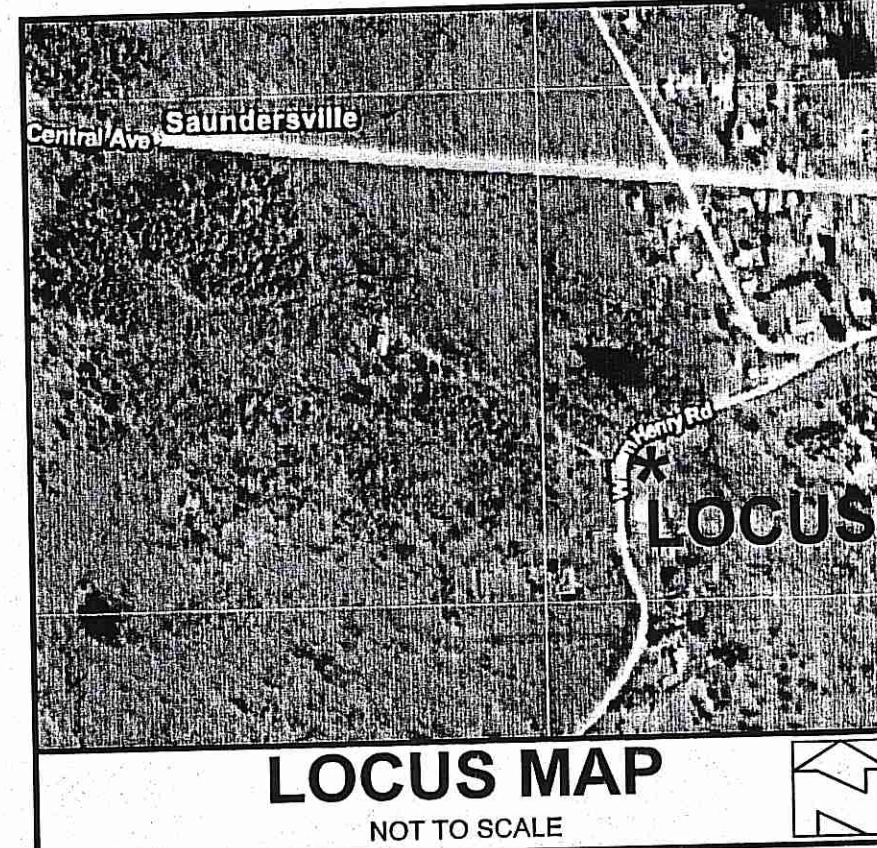
LOUIS DEXTER
 AP 13 LOT 21
 POLE #28-50 WILLIAM HENRY ROAD
 SCITUATE, RHODE ISLAND

PROPOSED SITE PLAN

DRAWN BY: J.M.L.	CHECKED BY: N.A.T.	FIELD BY: J.L.&W.R.
JULY 2012	JOB No. 2012-8	SHEET 2 OF 3

NORBERT A. THERIEN
 No. 1739
 PROFESSIONAL
 LAND SURVEYOR

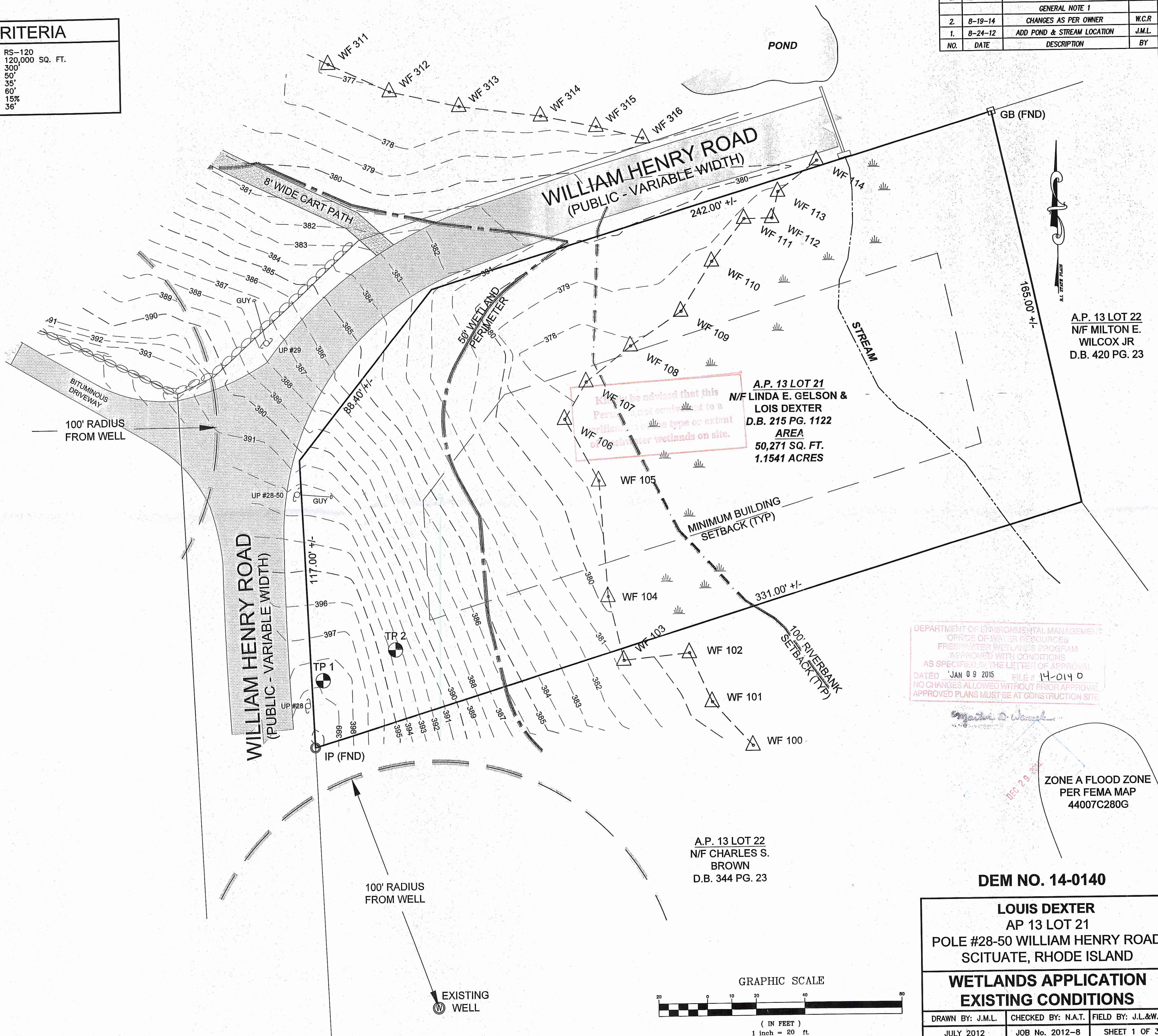
NATIONAL
 Surveyors-Developers
 Inc.
 42 Hamlet Ave., Woonsocket, R.I.
 (401) 769-7779



ZONING CRITERIA	
ZONING DISTRICT	RS-120
MINIMUM LOT AREA	120,000 SQ. FT.
MINIMUM LOT WIDTH	300'
MINIMUM FRONT YARD SETBACK	50'
MINIMUM SIDE YARD SETBACK	35'
MINIMUM REAR YARD SETBACK	60'
MAXIMUM BUILDING COVERAGE	15%
MAXIMUM BUILDING HEIGHT	36'

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LEGEND	
	BOUNDARY
	ABUTTER
	MAJOR CONTOUR
	MINOR CONTOUR
	STONEWALL
	TREELINE
	BUILDING ENVELOPE
	WETLANDS EDGE
	50' PERIMETER WETLAND
	100' RIVERBANK WETLAND
	IRON PIN
	BOUND
	DRILL HOLE
	WELL
	UTILITY POLE



Be advised that this permit is not available to a different type or extent of wetlands on site.

A.P. 13 LOT 21
N/F LINDA E. GELSON &
LOIS DEXTER
D.B. 215 PG. 1122
AREA
50,271 SQ. FT.
1.1541 ACRES

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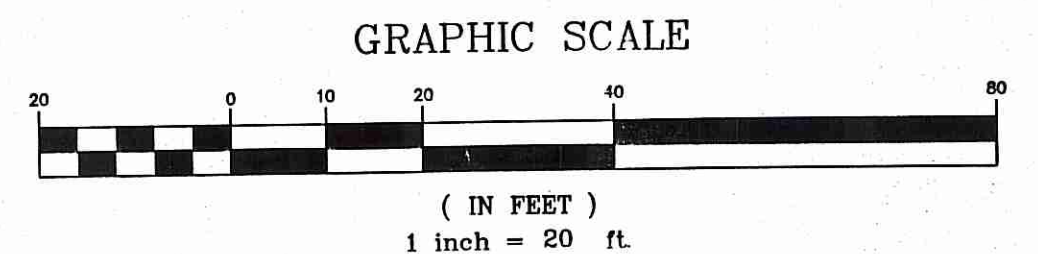
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 2. THIS SITE DOES NOT LIE IN A HAZARDOUS FLOOD AREA ACCORDING TO FEMA FLOOD MAP 44007C0280G EFFECTIVE DATE MARCH 2, 2009
 3. WETLANDS SHOWN HEREIN WERE DELINEATED BY MASON & ASSOCIATES, INC. 771 PLAINFIELD PIKE, NORTH SCITUATE, RI.
 4. THE CONTOURS SHOWN HEREIN ARE BASED ON NAVD-88 DATUM.

NORBERT A. THERIEN
No. 17739
PROFESSIONAL
LAND SURVEYOR

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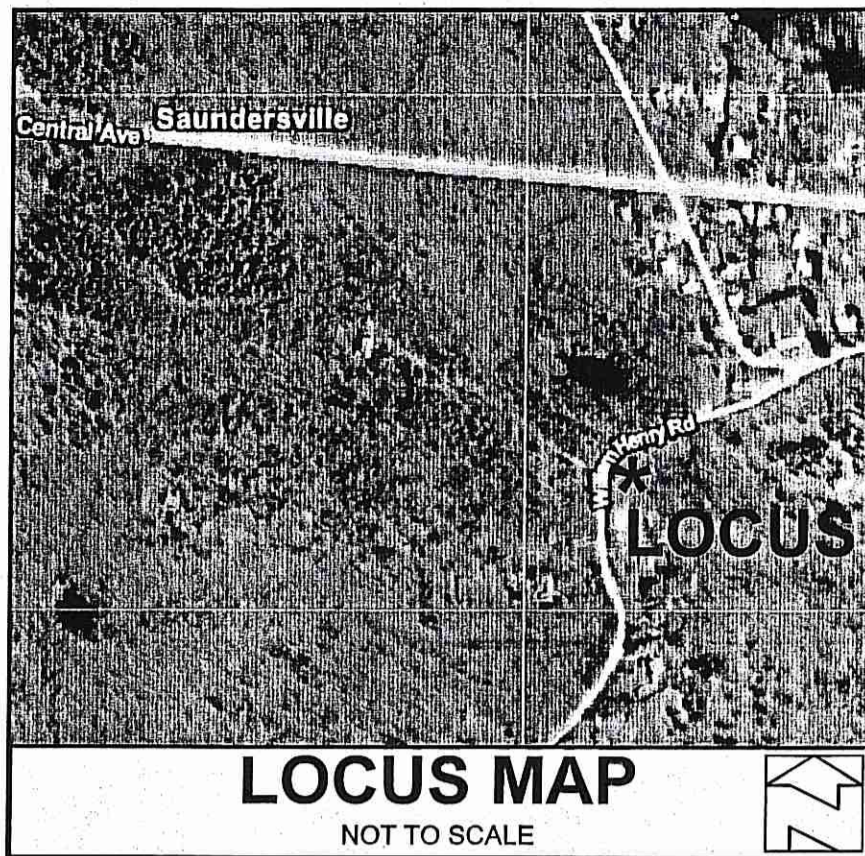


DEM NO. 14-0140

LOUIS DEXTER
AP 13 LOT 21
POLE #28-50 WILLIAM HENRY ROAD
SCITUATE, RHODE ISLAND

WETLANDS APPLICATION
EXISTING CONDITIONS

DRAWN BY: J.M.L.	CHECKED BY: N.A.T.	FIELD BY: J.L.&W.R.
JULY 2012	JOB No. 2012-8	SHEET 1 OF 3



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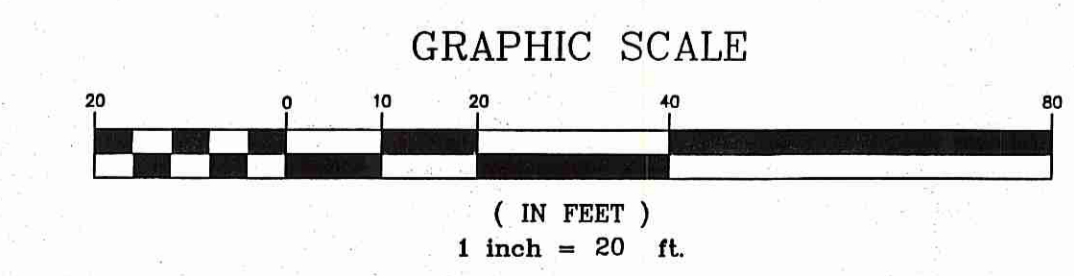
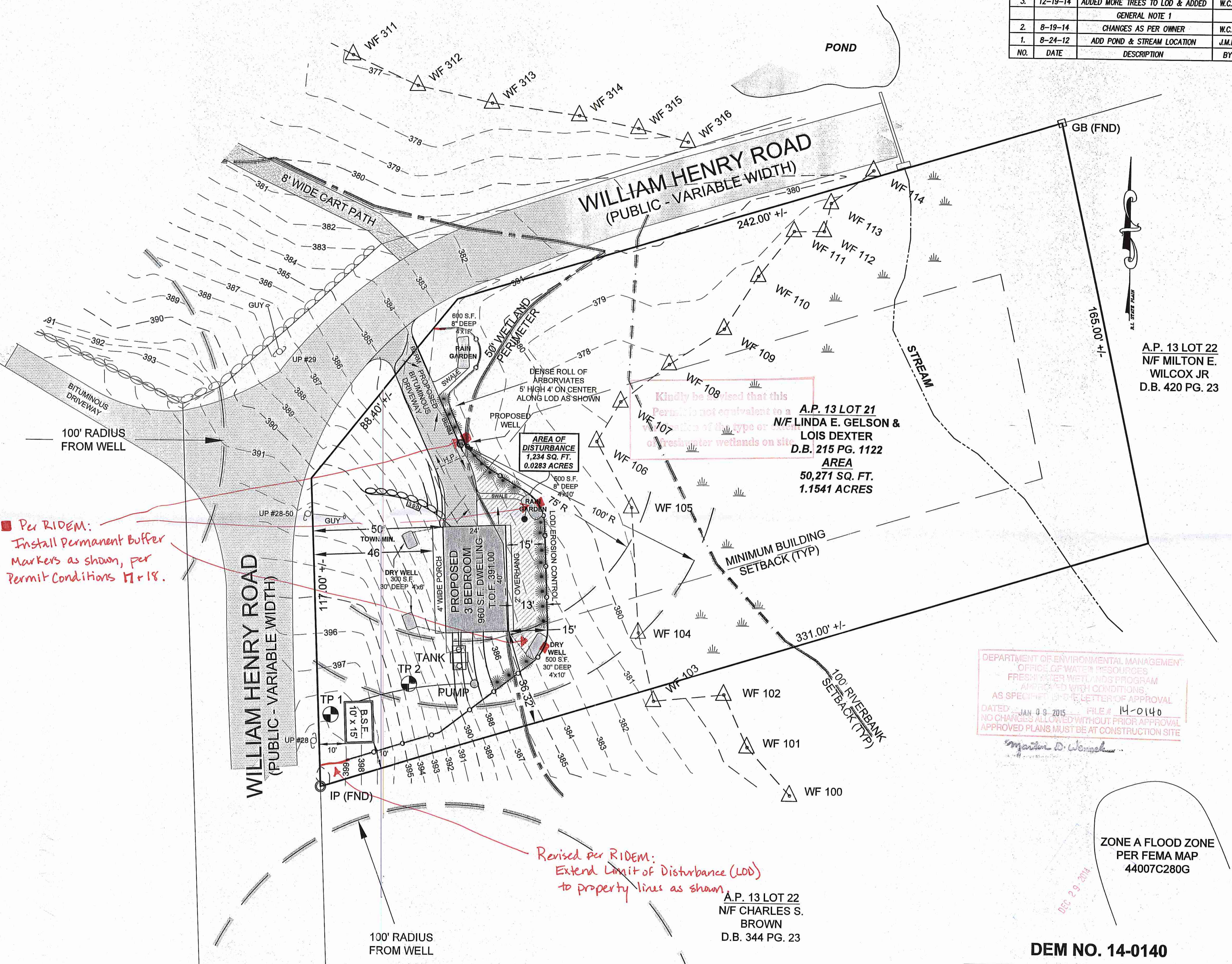
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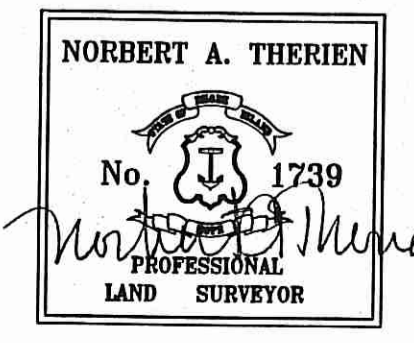
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 PER FEMA MAP
 44007C280G

DEM NO. 14-0140

LOUIS DEXTER
 AP 13 LOT 21
 POLE #28-50 WILLIAM HENRY ROAD
 SCITUATE, RHODE ISLAND

PROPOSED SITE PLAN

DRAWN BY: J.M.L.	CHECKED BY: N.A.T.	FIELD BY: J.L.&W.R.
JULY 2012	JOB No. 2012-8	SHEET 2 OF 3

NO.	DATE	DESCRIPTION	BY
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D. Infiltration Trench and Dry Well

Infiltration trenches and dry wells are dug chambers backfilled with crushed stone that capture and temporarily store stormwater before allowing it to infiltrate into the soil over a maximum period of 48 hours.

Table 9. Required Elements for Infiltration Practices (Trenches and Dry Wells) on Single-Family Residential Lots

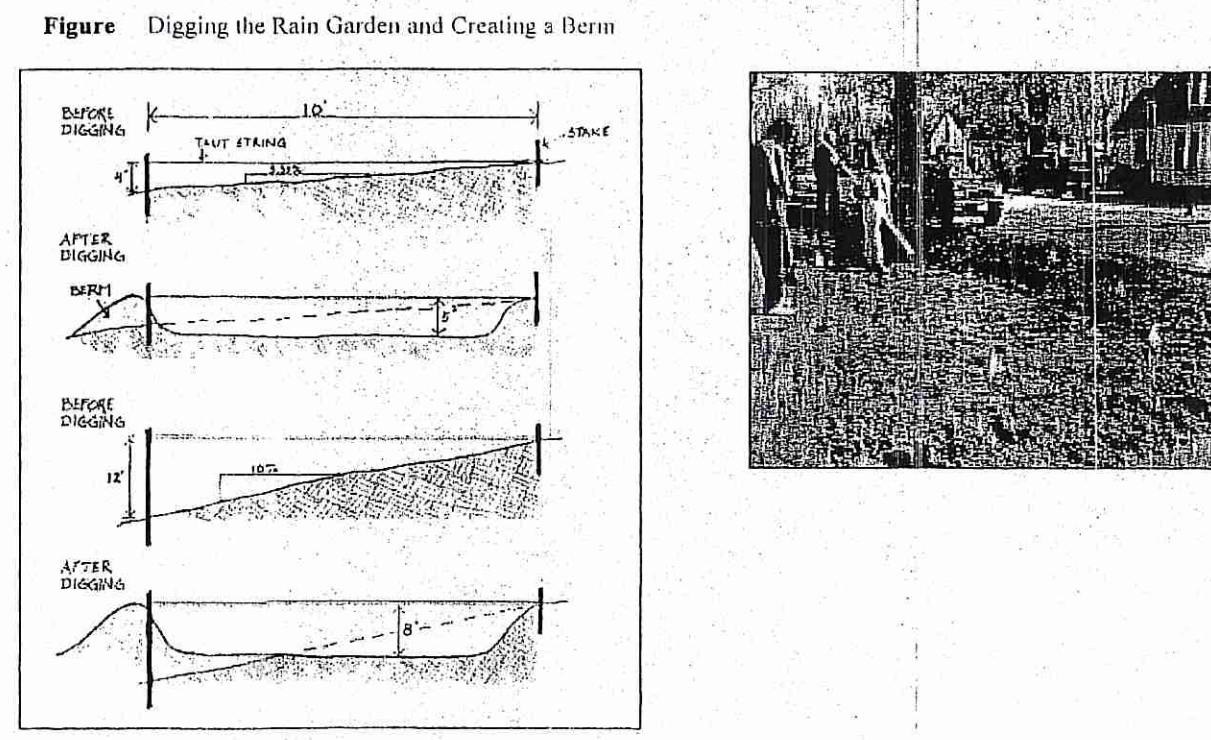
Location	<input type="checkbox"/> Trenches and dry wells must meet the setback requirements in Table 1 above. <input type="checkbox"/> Trenches and dry wells cannot be placed in locations that cause water problems (such as seepage which may cause slope failure) to downgrade properties.
Treatment	<input type="checkbox"/> The bottom of the stone reservoir should be completely flat or nearly so in order that infiltrated runoff will be able to infiltrate through the entire bottom surface area. <input type="checkbox"/> The bottom of infiltration practices must be separated by at least two feet vertically from the seasonal high groundwater table (SGHT) <input type="checkbox"/> The bottom of infiltration practices must be located in the soil profile.
Construction	<input type="checkbox"/> Great care must be taken to prevent the infiltration area from compaction by marking off the location before the start of construction at the site and constructing the infiltration practice last. <input type="checkbox"/> An observation well shall be installed in every infiltration trench or dry well, consisting of an anchored 4- to 6-inch diameter perforated PVC pipe with a screw-top cap installed flush with the ground surface.
Maintenance	<input type="checkbox"/> Infiltration practices shall be inspected annually and repaired if necessary to ensure proper drainage. <input type="checkbox"/> Accumulated sediment and debris shall be removed from the surface of the infiltration practice annually.

Rain Garden Surface Area in Silty Soils (Loams and Silt Loams) (square feet)

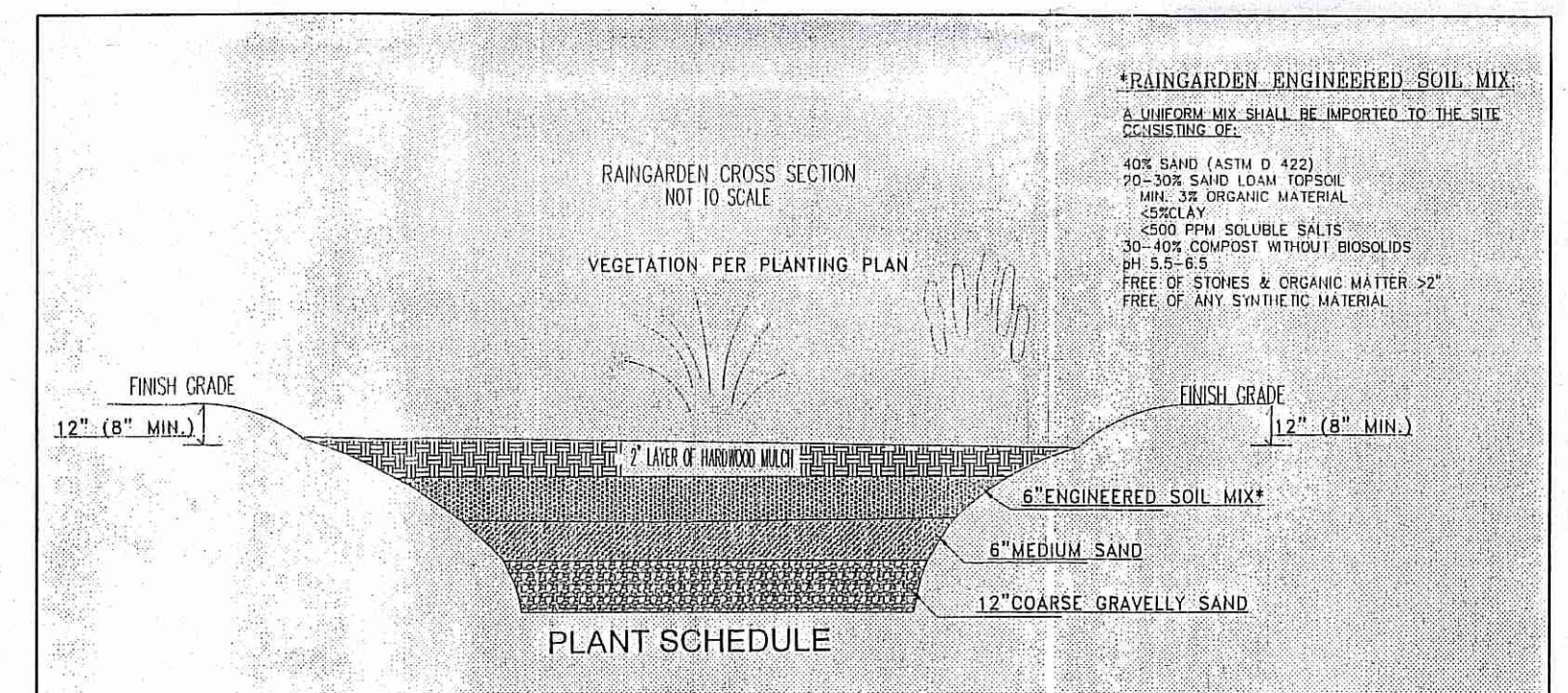
Drainage Area (Square feet)	for 4 inch deep garden	for 6 inch deep garden	for 8 inch deep garden
100	34	25	16
200	68	50	32
300	102	75	48
400	136	100	64
500	170	125	80
600	204	150	96
700	238	175	112
800	272	200	128
900	306	225	144
1000	340	250	160

Rain Garden Dimensions and Shape
 The length of the rain garden should be perpendicular to the slope of the lawn, and overall it should be twice as long as it is wide. This allows the garden to catch as much runoff as possible. Rounded or curvy shapes are the most effective, just be sure to approximate the required area from the table. Depending upon your site, it may be easier to break up stormwater flows to create multiple, smaller rain gardens than one larger one.

Rain Garden Installation
 The best time to install a rain garden is in the spring, when digging will be easier and plants will be more likely to thrive. Be sure that the bottom of the rain garden is level and at the appropriate depth, and that you create a berm on the downhill side to retain stormwater (see Figure 3, below).



Rain Garden Plant Selection
 Plants that tend to do well in rain gardens are those that tolerate wet conditions, but also very dry conditions. Use the Rhode Island Coastal Plant Guide (www.uri.edu/ce/cos/ce/ri/ri_coastal_plant_guide.htm) to select appropriate species (filter your selection for "Rain Gardens") then create a planting plan to lay out where each plant will go. Below are two example planting plans for residential rain gardens, but feel free to create your own.

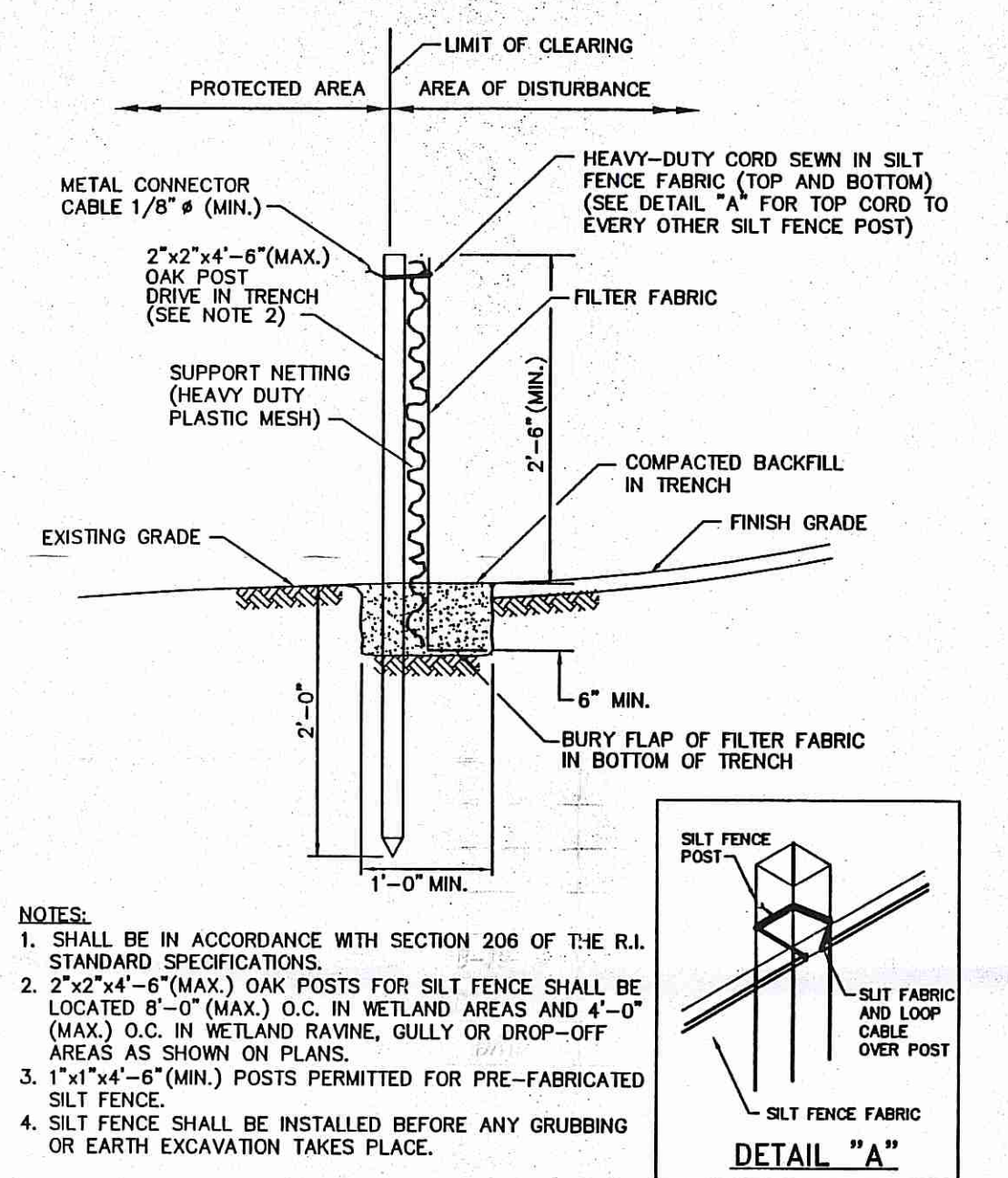
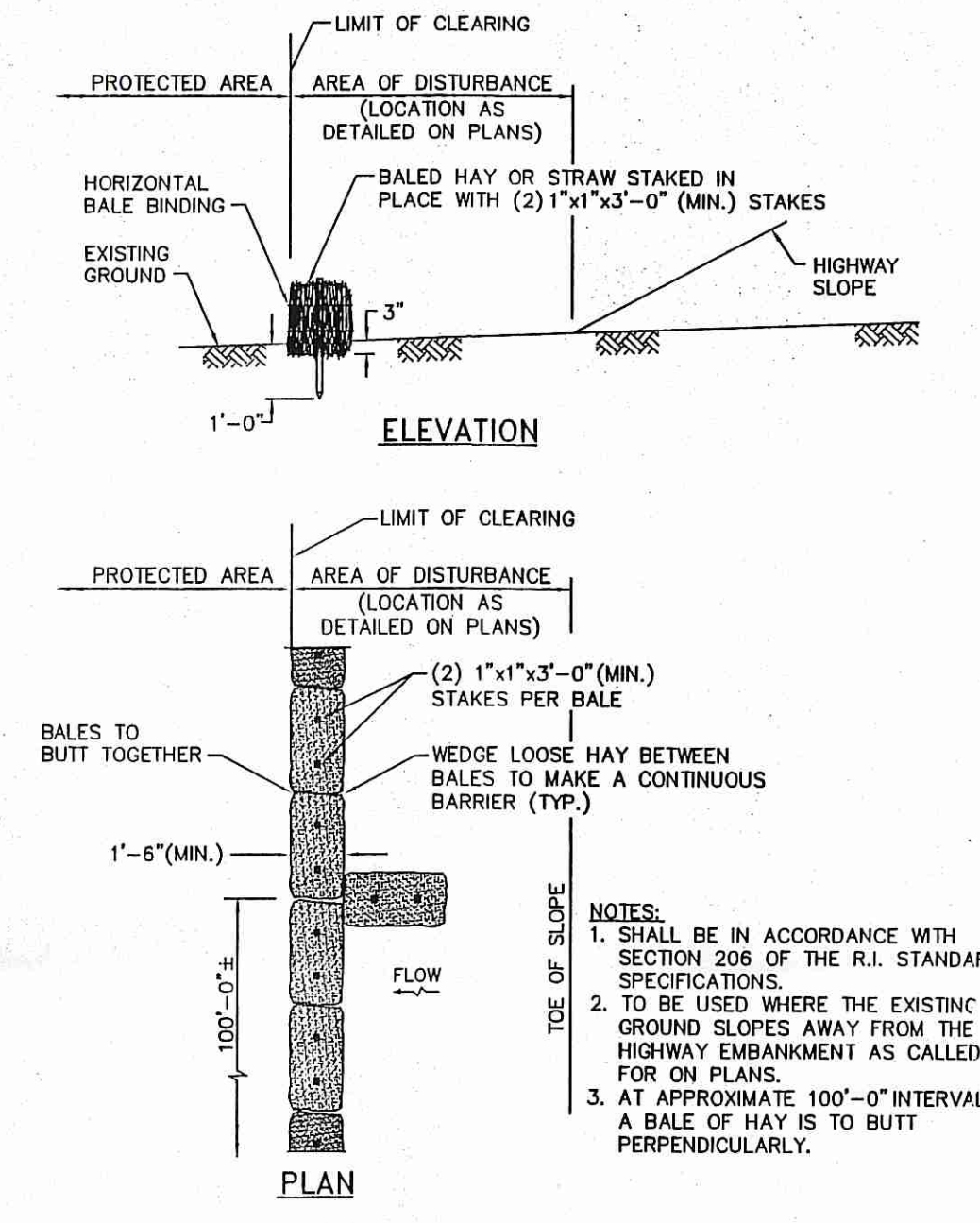


SYMBOL	SPECIES NAME	COMMON NAME
AD	ASTER DIVARICATUS	WHITE WOOD ASTER
CC	CAREX CRINITA	FRINGED SEDGE
CS	CAREX STRICTA	TUSsock SEDGE
IV	IRIS VERSICOLOR	BLUE FLAG IRIS
LC	LOBELLIA CARDINALIS	CARDINAL FLOWER
MS	MATTEUCCIA STRUTHIOPHERIS	OSTRICH FERN
OC	OSMUNDA CINNAMOMEA	CINNAMON FERN
PC	PONTERDERIA CORDATA	PICKEREL PLANT

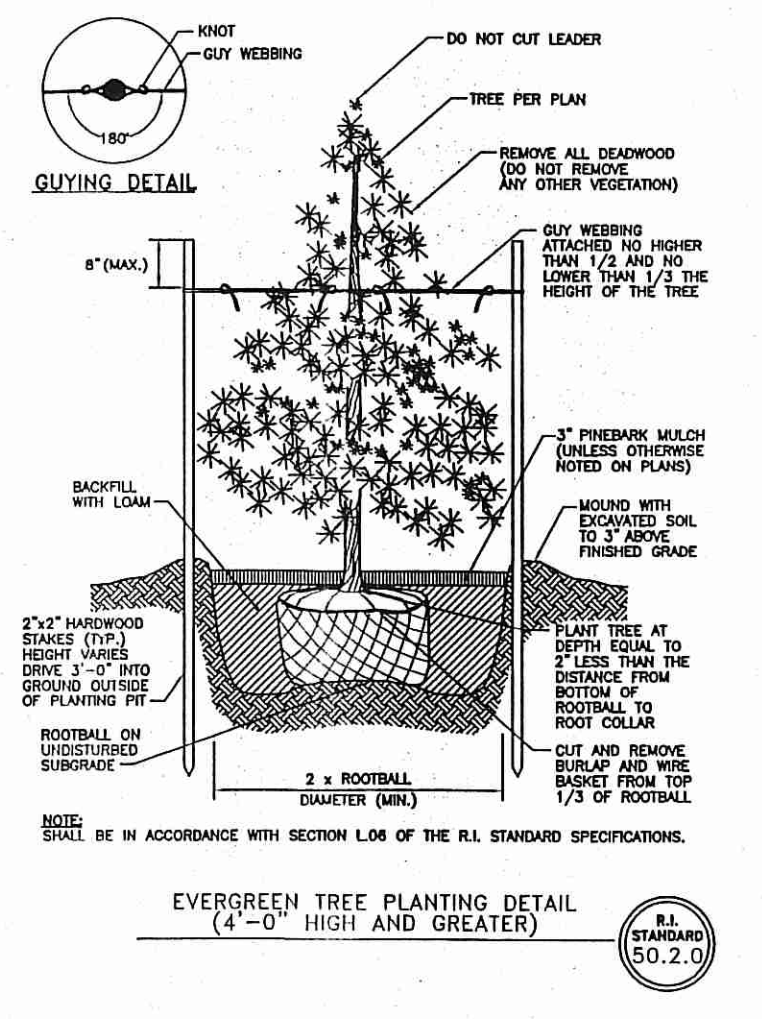
TYPICAL PLANT SPECIES:
 FINAL DESIGN OF RAIN GARDEN TO BE DONE BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.

RAIN GARDEN REQUIRED MAINTENANCE:

- MONTHLY:**
 INSPECT AND REMOVE ANY TRASH
 REMOVE AND INVASIVE SPECIES PLANTS
- ANNUALLY:**
 MULCH-SPRING, AS NEEDED
 REPLACE ANY DEAD VEGETATION-SPRING
 REMOVE DEAD VEGETATION-FALL OR SPRING
 PRUNE-SPRING
- AS NEEDED:**
 REPLACE SOIL MEDIA AND PLANTS WHEN PONDING DOES NOT SUBSIDE WITHIN 72 HOURS (CAREFUL MAINTENANCE SHOULD PROLONG THIS REQUIREMENT)
- * ALL PLANT MATERIAL SHALL BE WATERED AND MAINTAINED BY THE OWNER TO ASSURE THAT SUITABLE GROWTH HAS BEEN ESTABLISHED.



- NOTES:**
 1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. 2"x2"x4'-6"(MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



NORBERT A. THERIEN
 No. 1739
 PROFESSIONAL LAND SURVEYOR

NATIONAL Surveyors-Developers Inc.
 42 Hamlet Ave., Woonsocket, R.I.
 (401) 769-7779

"I CERTIFY THAT THE INFORMATION SHOWN HEREON HAS BEEN OBTAINED BY AN ACTUAL SURVEY ON THE GROUND, THAT IT IS CORRECT AND THIS SURVEY AND PLAN CONFORM TO A CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

BY: *Norbert A. Therien*
 NORBERT A. THERIEN P.L.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JAN 09 2015 FILE # 14-0140
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

LOUIS DEXTER
 AP 13 LOT 21
 POLE #28-50 WILLIAM HENRY ROAD
 SCITUATE, RHODE ISLAND

DETAILS

DRAWN BY: J.M.L.	CHECKED BY: N.A.T.	FIELD BY: J.L.&W.R.
JULY 2012	JOB No. 2012-8	SHEET 3 OF 3