

ZONING CRITERIA

ZONING DISTRICT	R20
MINIMUM LOT AREA	20,000 SQ. FT.
MINIMUM FRONT YARD SETBACK	125'
MINIMUM SIDE YARD SETBACK	30'
MINIMUM REAR YARD SETBACK	10'
MINIMUM BUILDING COVERAGE	25%
MAXIMUM BUILDING HEIGHT	35'



GENERAL NOTES:

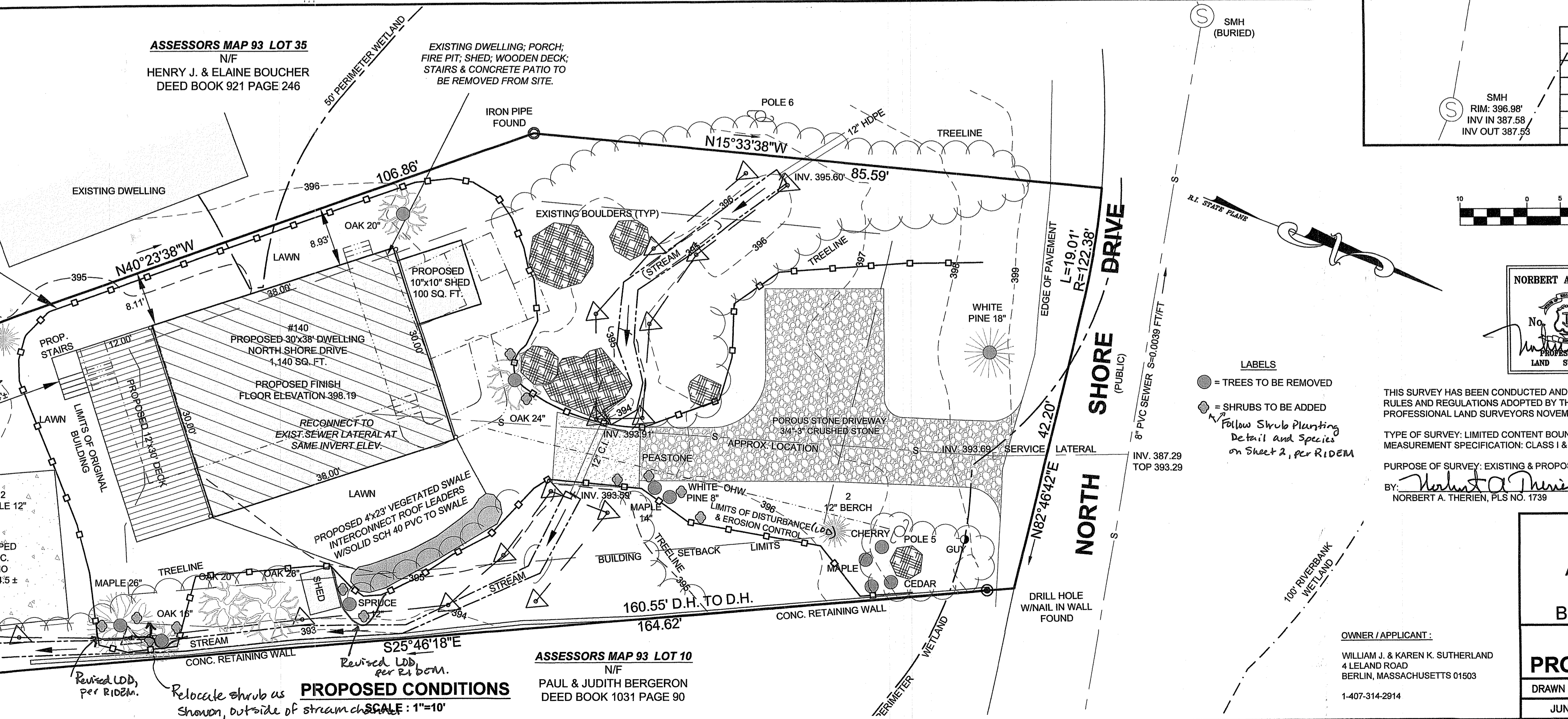
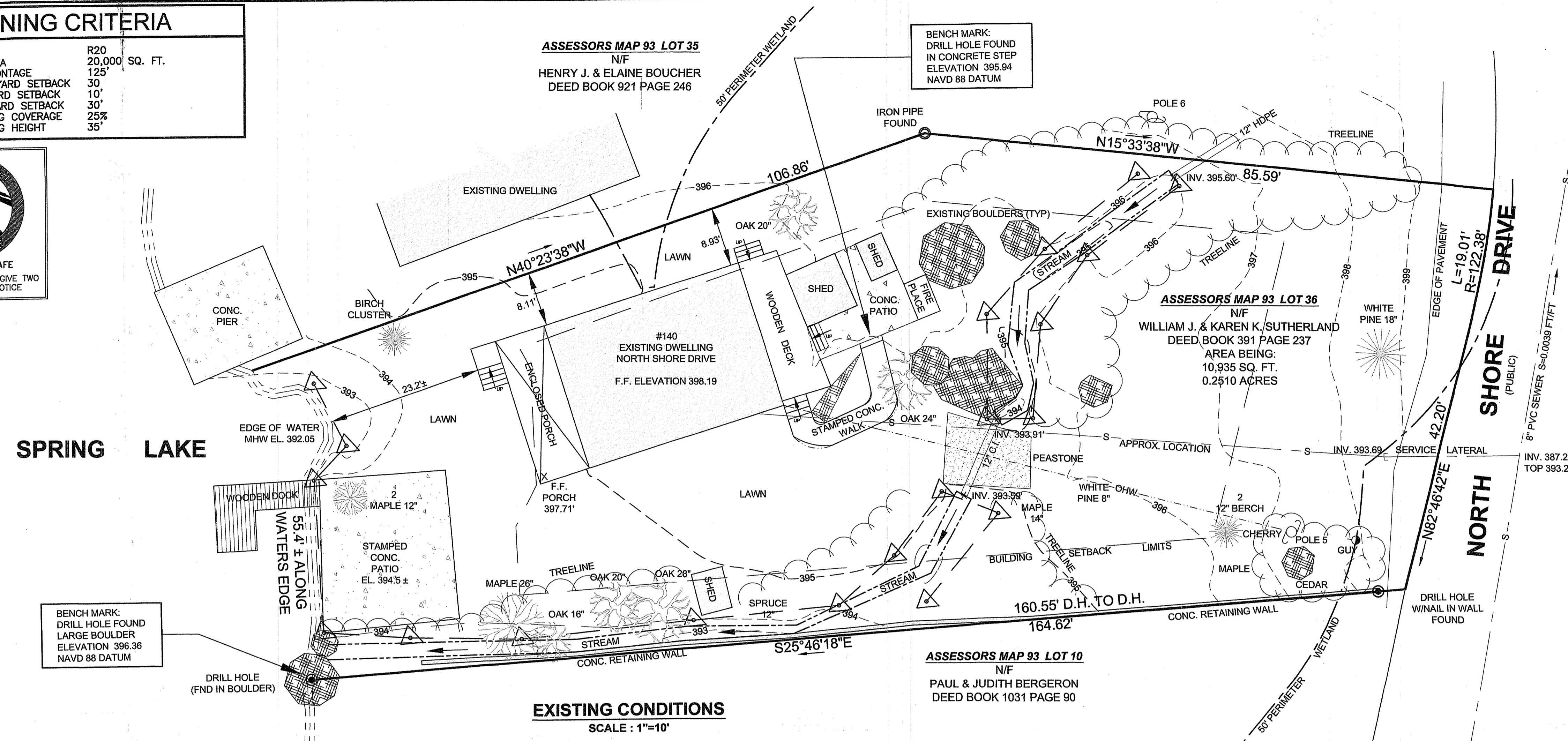
1. THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR TOWN WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
2. THIS SITE LIES IN BOTH A ZONE X AREA OF OUTSIDE 500 YEAR FLOOD PLAIN AS SHOWN ON THE FIRM MAP FOR THE TOWN OF BURRILLVILLE, RHODE ISLAND COMMUNITY PANEL NUMBER 44007C0135G, MAP DATED MARCH 02, 2009.
3. WETLANDS SHOWN HEREIN WERE DELINEATED BY NATURAL RESOURCE SERVICES INC.
4. HORIZONTAL DATUM IS BASED ON RHODE ISLAND STATE PLANE COORDINATES NAD 83 DATUM AND CONTOURS BASED ON NAVD 88 DATUM.

REFERENCES:

1. PLAN ENTITLED "SECTION #1 SPRING LAKE INC. BURRILLVILLE RHODE ISLAND SCALE 1"=80 DATED OCTOBER 1996" BY G. BERTRAND BIBEAULT CIVIL ENGINEERING.

LEGEND
NOT TO SCALE

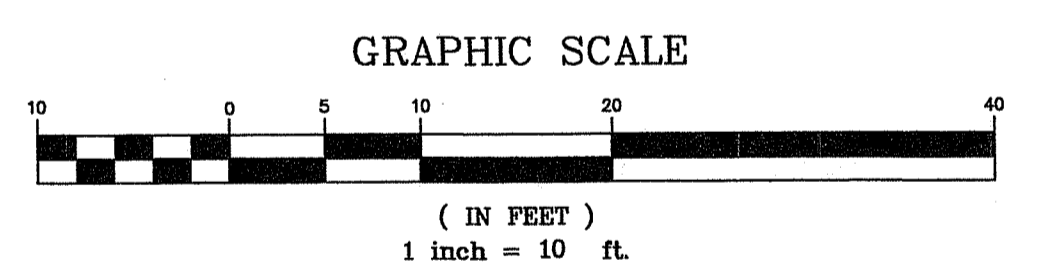
—	BOUNDARY
- - -	ABUTTER
- - - -	MAJOR CONTOUR
- - - -	MINOR CONTOUR
~ ~ ~	TREELINE
▲	WETLANDS EDGE
- - - -	50' PERIMETER WETLAND
- - - -	100' RIVERBANK WETLAND
—	STREAM
—	BUILDING ENVELOPE
- - -	SEWER LINE
- - -	ELECTRIC LINE
○	IRON PIN
●	DRILL HOLE
○	UTILITY POLE



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **10/17/2021** FILE # **21-0244**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Nancy L. Freeman

NO.	DATE	DESCRIPTION	BY



NORBERT A. THERIEN
No. 1739
LAND SURVEYOR
42 Hamlet Ave., Woonsocket, R.I.
(401) 769-7779

NATIONAL
Surveyors-Developers
Inc.

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATIONS FOR PROFESSIONAL LAND SURVEYORS NOVEMBER 25, 2015 AS FOLLOWS:

TYPE OF SURVEY: LIMITED CONTENT BOUNDARY SURVEY
MEASUREMENT SPECIFICATION: CLASS I & II STANDARD
PURPOSE OF SURVEY: EXISTING & PROPOSED CONDITIONS PLAN
BY: *Norbert A. Therien* DATE: **10/18/2021**
NORBERT A. THERIEN, PLS NO. 1739

WILLIAM J. & KAREN K. SUTHERLAND
ASSESSORS PLAT 93 LOT 36
140 NORTH SHORE DRIVE
BURRILLVILLE, RHODE ISLAND

EXISTING & PROPOSED CONDITIONS PLAN

DRAWN BY: W.C.R.	CHECKED BY: N.A.T.	FIELD BY: N.T./R.W.
JUNE 2021	JOB No. 2021-77	SHEET 1 OF 2

OWNER/APPLICANT:
WILLIAM J. & KAREN K. SUTHERLAND
4 LELAND ROAD
BERLIN, MASSACHUSETTS 01503
1-407-314-2914

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 KEPT 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.

ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STAND IS MAINTAINED.

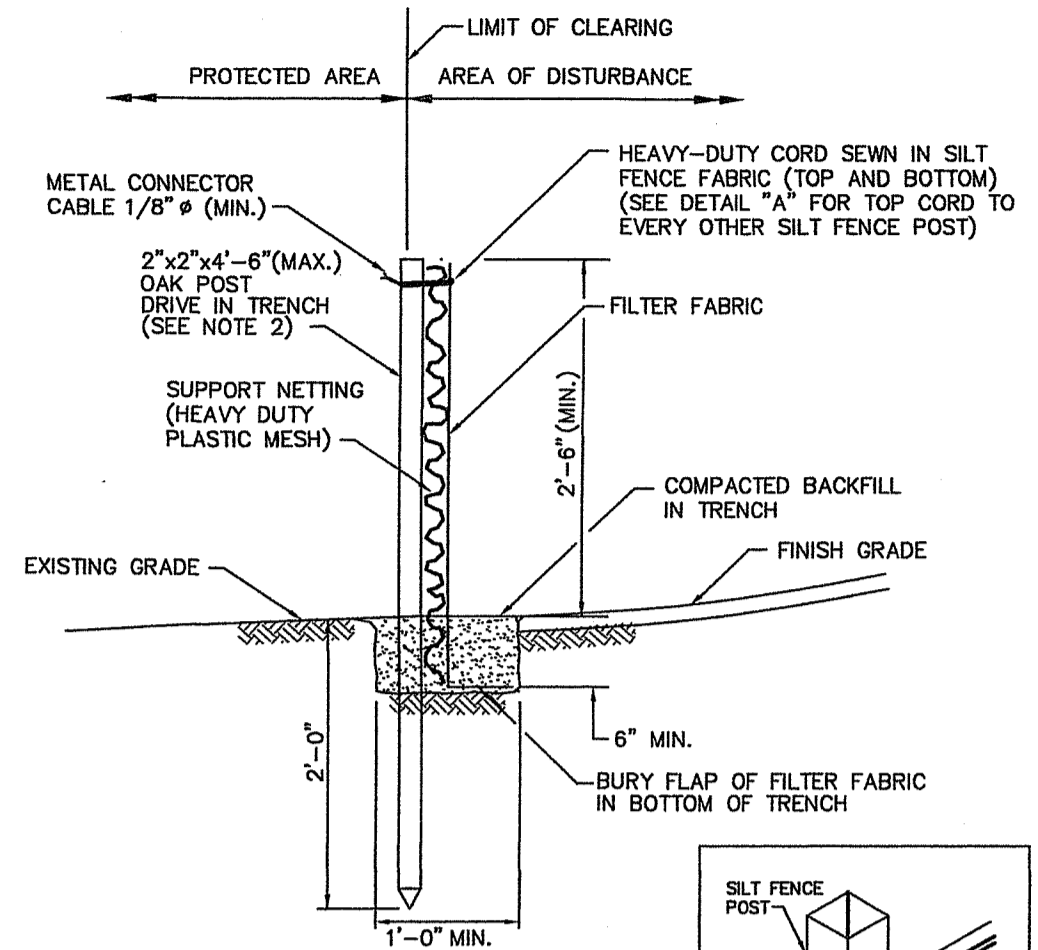
ALL HAY BALES, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.

STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.

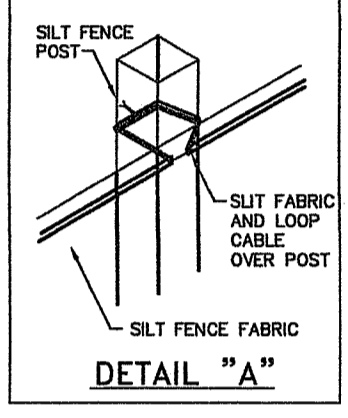
THE HAY BALES SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY HAY BALES AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED WITH SEDIMENTS.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAY BALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.

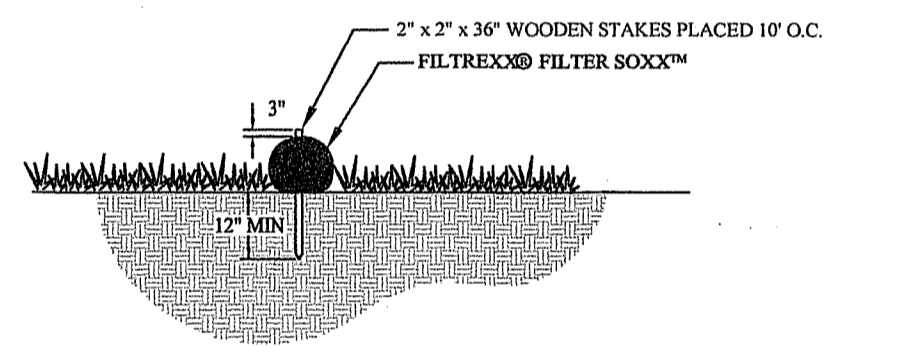
ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993.



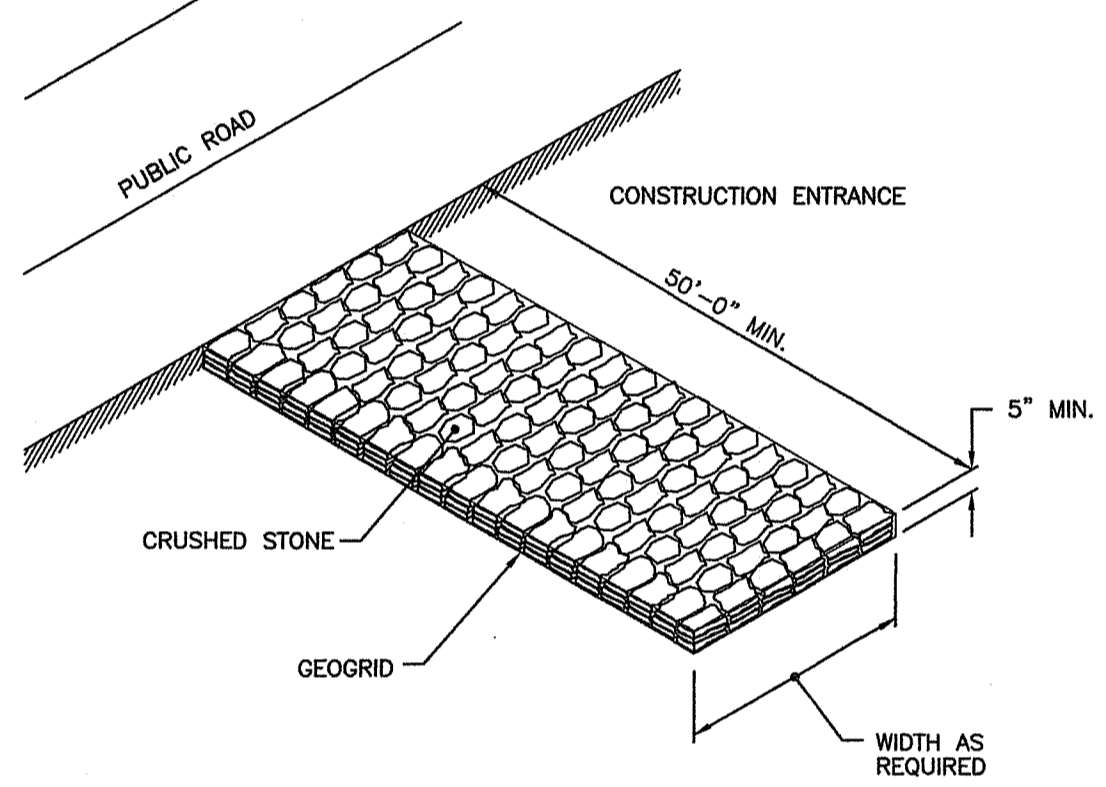
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 208 OF THE R.I. STANDARD SPECIFICATIONS.
 2. 2"x4"-6" (MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAWS, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x4"-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



SILT FENCE DETAIL
R.I. STANDARD 9.2.0

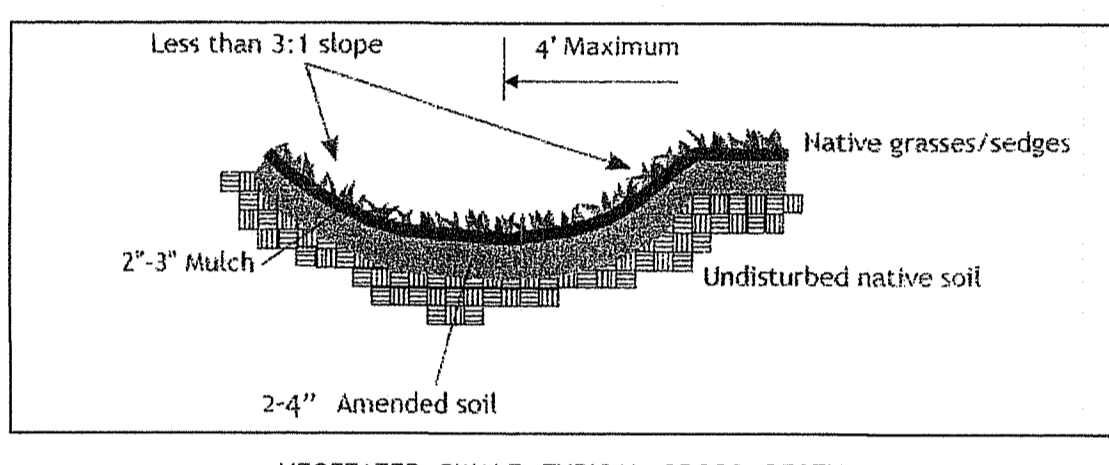


SILT SOCK DETAIL
NOT TO SCALE



NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

CONSTRUCTION ACCESS
R.I. STANDARD 9.9.0

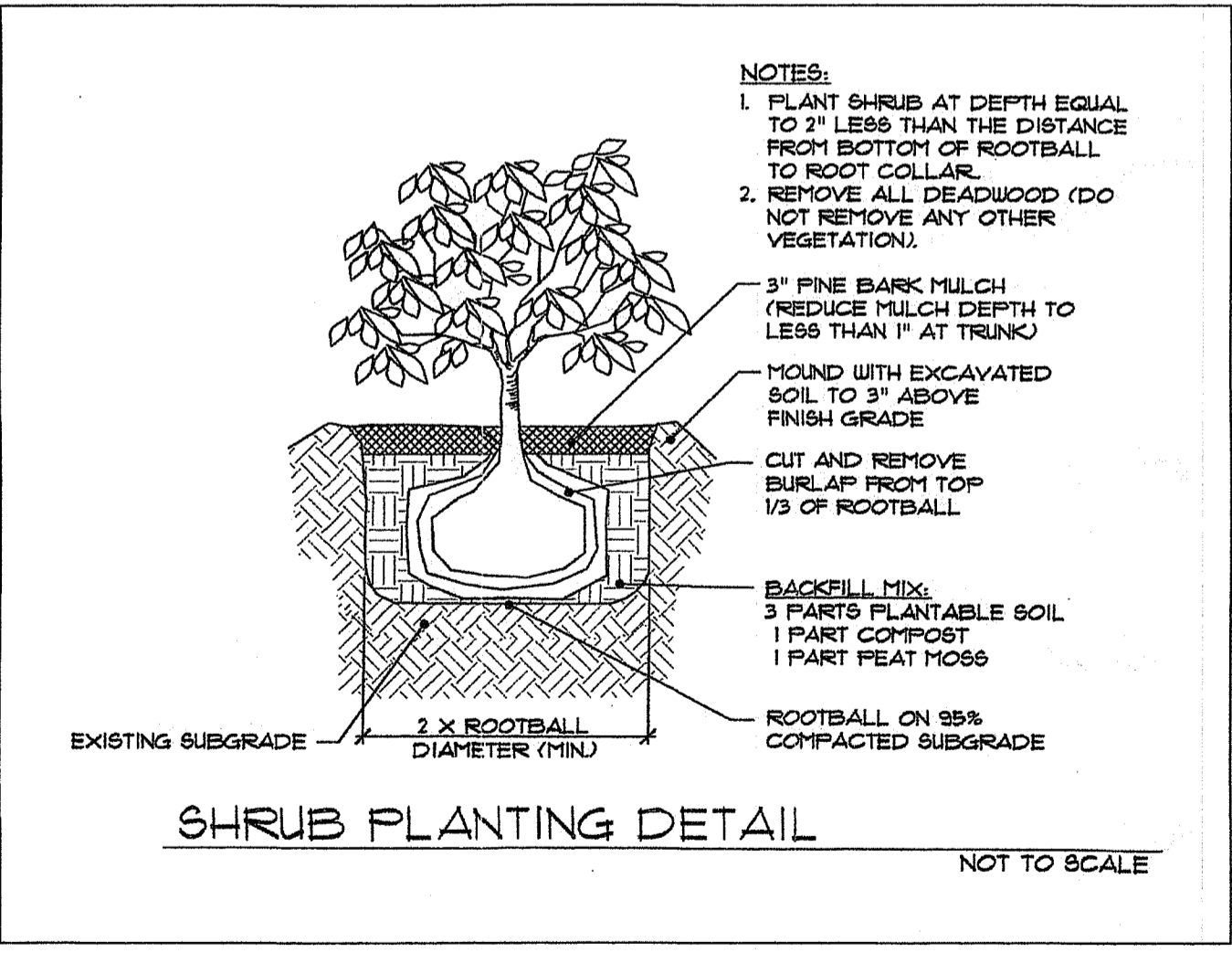


VEGETATED SWALE-TYPICAL CROSS SECTION
NOT TO SCALE

Table 5. Vegetated Swale Sizing Guidance

Drainage Area (in square feet)	Bottom surface Area (in square feet) for an 8 in. deep swale	
	Sandy Soils	Silly Soils
200	16	32
400	32	64
600	48	96
800	64	128
1000	80	160

DRAINAGE AREA:
30' x 38' RESIDENCE PLUS 10' x 10' SHED = 1,240 SQ. FT.
SANDY SOILS 80 SQ. FT. / 1,000 SQ. FT. 1.24
80 x 1.24 = 99.20 SQ. FT. REQUIRED FOR SWALE
PROPOSED 22.8' x 4' SWALE 8" DEEP = 99.2 SQ. FT.



SHRUB PLANTING DETAIL
NOT TO SCALE

3/4' HIGH
5' O.C.
12 TOTAL
MOUNTAIN LAUREL
KALMIA LATIFOLIA

NORBERT A. THERIEN
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MISCELLANEOUS DETAILS

DRAWN BY: W.C.R. CHECKED BY: N.A.T. FIELD BY: N.T./R.W.
JUNE 2021 JOB No. 2021-77 SHEET 2 OF 2

OCT 28 2021
Office of Water Resources