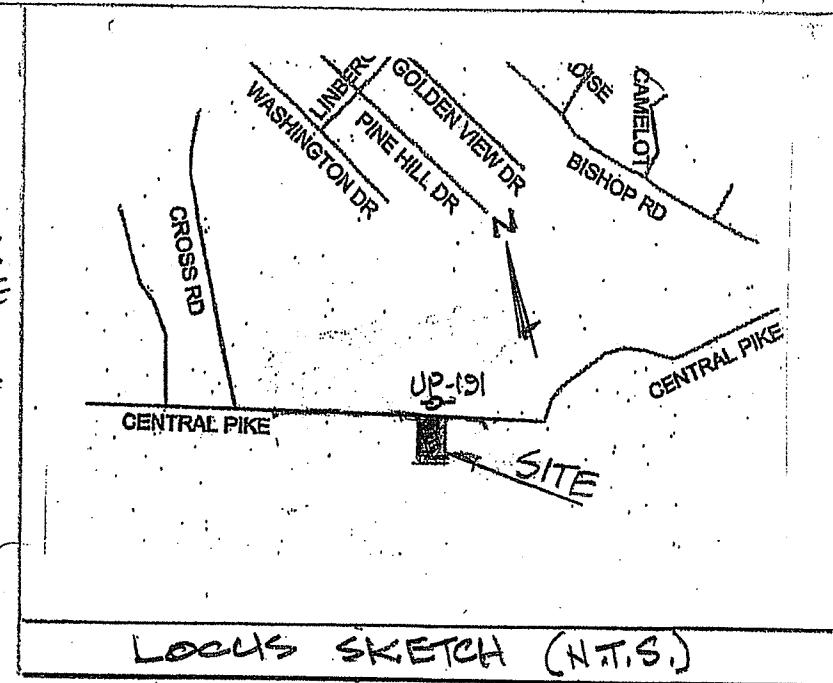


SIZING OF VEGETATED SWALE
 DWELLING ROOF AREA = 3600 SF
 IMPERVIOUS DRIVEWAY AREA = 2100 SF

TOTAL IMPERVIOUS AREA = 5700 SF
 USE SANDY SOILS:
 $5700 \div 1000 \times 80 = 456$ SF. AREA OF SWALE REQ.
 PROVIDED 7.5' W X 6.5' L X 8" D SWALE = 487 SF

This site is shown on Fema Panel
 No. 44007C0283H, as having no flood hazard
 delineations, FEMA Flood Plain study date:
 Map revised Oct. 2, 2015



SILT FENCE OR EQUAL SOIL EROSION CHECK
 TO BE INSTALLED PRIOR TO SOIL DISTURBANCE
 AND START OF CONSTRUCTION AND TO
 REMAIN UNTIL SITE IS STABILIZED W/GRASS COVER

WETLAND DELINEATION
 BY M&CUE ENVIRONMENTAL, LLC
 APRIL 5, 2022

MARSH
 PLANT A SINGLE LINE OF NORTHERN
 WHITE CEDAR/ARBOVITAE (THUJA OCCIDENTALIS)
 SPACED 8 FT. APART, 4-SFT. HIGH AFTER
 PLANTING (TOTAL PLANTS=10)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 OWTS & FRESHWATER WETLANDS
 JOINT PERMIT APPROVAL

OWTS# 1816-1161 PERM# 22-0302
 APPROVED *Kyle Lewis* DATE 10/27/22
 No Changes Allowed Without RIDEM Approval
 Approved Plans/Permit Must Be Kept at Construction Site

LEGEND

- 444--- EXISTING CONTOUR
- (444) DESIGN CONTOUR
- ⊕ SOIL TEST EVALUATION
- ⊙ BEDROCK TEST HOLE
- WF100 WETLAND FLAG
- ◇ SOFT PERIMETER WETLAND
- * * * * * SOIL EROSION CONTROL AND ALSO LIMITS OF DISTURBANCE

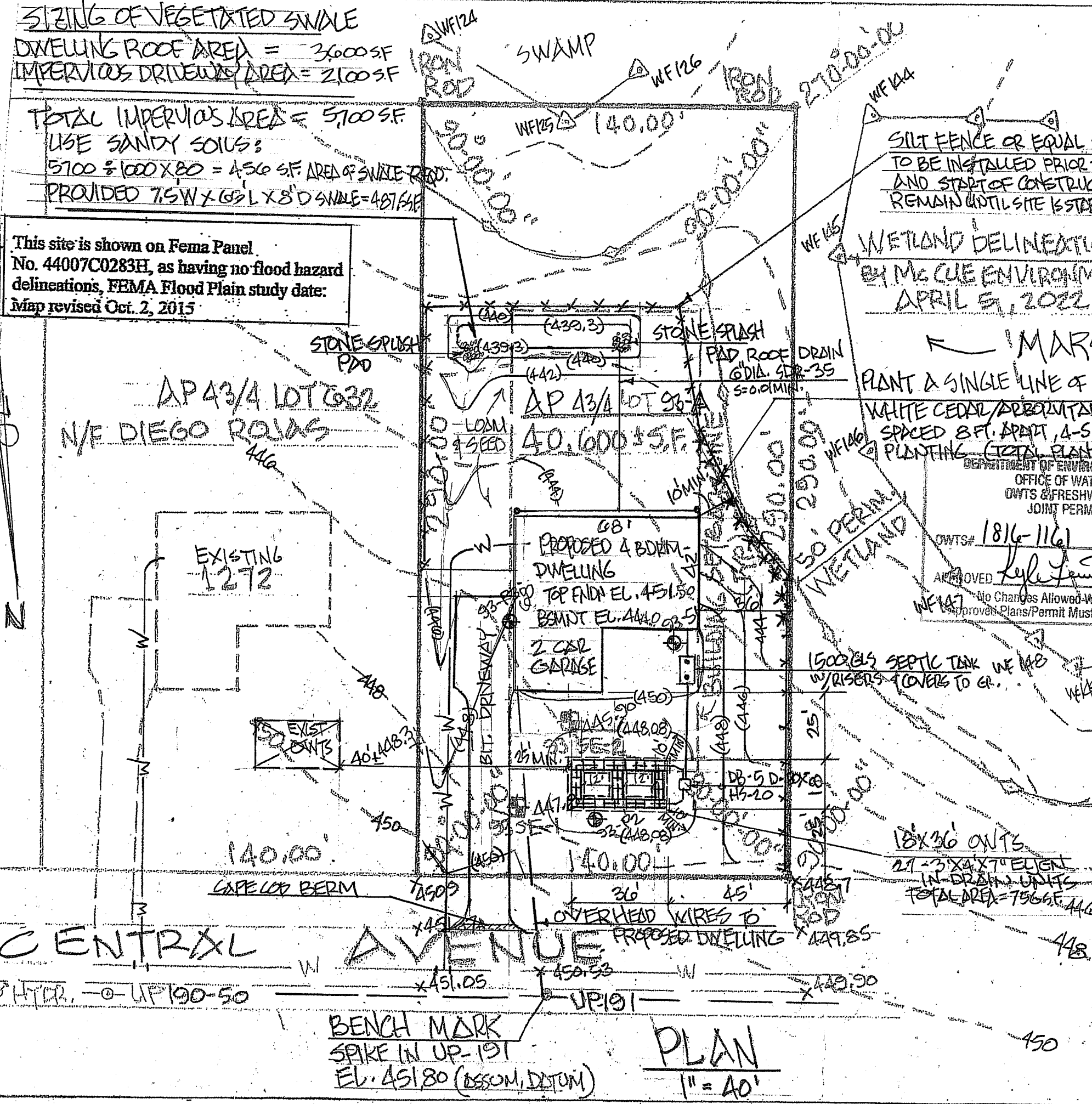
CERTIFICATION
 This survey has been conducted and the plan has been prepared pursuant
 to Section 9 of the Rules and Regulations adopted by the Rhode Island
 State Board of Registration for Professional Land Surveyors on Nov. 25, 2015
 as follows:
 Type of Boundary Survey: **LIMITED CONTENT SURVEY CLASS-I**
DATA ACCUMULATION CLASS-III
 The purpose for the conduct of the survey and for the preparation of the plan
 is as follows: **OWTS & WETLAND PLAN**

By: *Nicholas Veltri*
NICHOLAS VELTRI R.P.S.
 ODA-148

NICHOLAS VELTRI
 No. 1719
 PROFESSIONAL
 LAND SURVEYOR

RI Environmental Management
 OCT 17 2022
 Office of Water Resources

N. VELTRI SURVEY, INC. SURVEYING-LAND PLANNING 401-640-0334 veltrisurvey@verizon.net	NO.	DATE	REVISION
	1	10/12/22	REVISED PLAN PER DEM COMMENT
PROPOSED OWTS PLAN JOHNSTON, R.I. AP 43/4 LOT 93-A FOR M&CUE INVESTMENTS, LLC	1	6/26/22	ORIG. ISSUE
SCALE AS NOTED DRAWN: NV.	SHEET 1 OF 4 SHEETS		CHECKED BY: N.V.

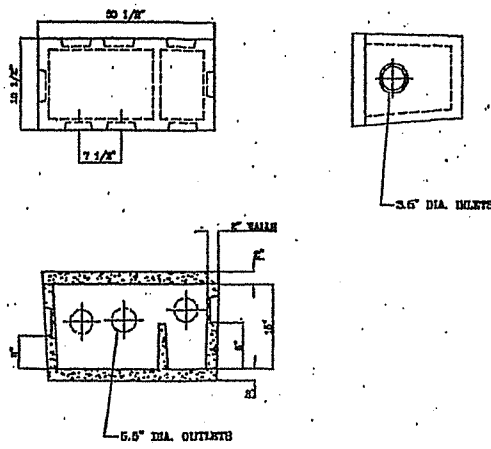


CENTRAL AVENUE

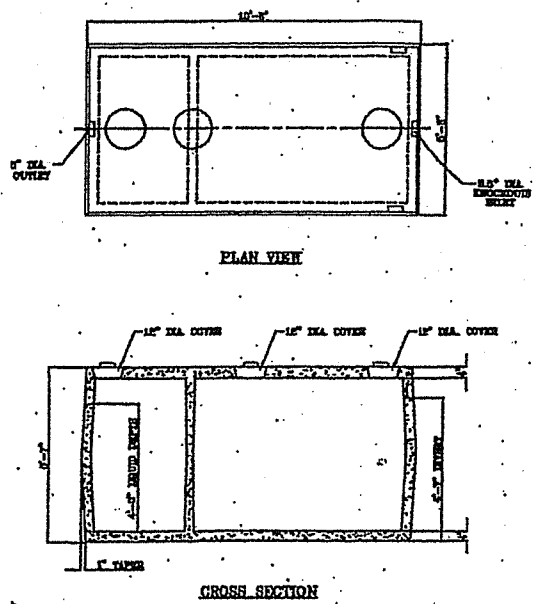
BENCH MARK
 SPIKE IN UP-191
 EL. 451.80 (BSSOM, DATUM)

UP 191

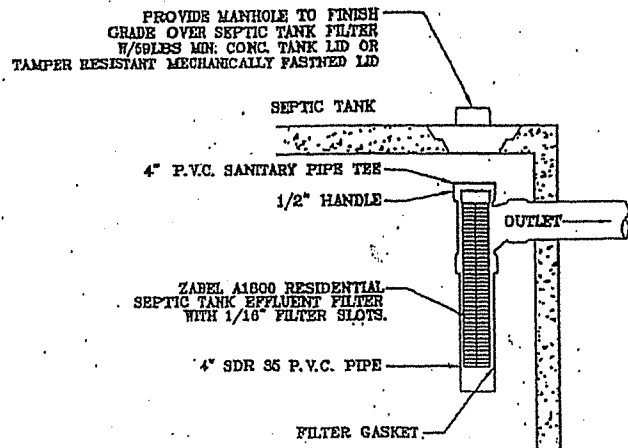
PLAN
 1" = 40'



DB-5 PRECAST DISTRIBUTION BOX DETAIL



1500 GAL. PRECAST SEPTIC TANK DETAIL



SEPTIC TANK FILTER
CROSS SECTION
N.T.S.

TH 93SE-1 Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
Ap	0-7"	e	s	10YR 3/3	—	—	—	fsl	wsbk	vf	3
Bw	7-33"	e	w	10YR	—	—	—	fsl	slbk	fr	3
C	33-82"			2.5Y 4/2	10YR 6/6	c, s, d	—	ssd	mass	FIRM IN PLACE BRITTLE IN HAND	6

TH 93SE-2 Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
		Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
Ap	0-8"	e	s	10YR 3/3	—	—	—	fsl	wsbk	vf	3
Bw	8-30"	e	w	10YR 5/6	—	—	—	fsl	slbk	fr	3
C	30-60"			2.5Y 4/2	10YR 6/6	c, s, d	—	ssd	mass	FIRM IN PLACE BRITTLE IN HAND	6

NOTES:

MAINTAIN INV. ELEV. ^{448.08} FOR 10' AROUND LEACHING FIELD FOLLOWED BY 8:1 MAX SLOPE TO ORIGINAL GRADE

STRIP ALL TOPSOIL & SUBSOIL FROM SYSTEM TO ELEV. & REPLACE W/ CLEAN BANK-RUN GRAVEL TO ELEV. _____

STRIP ALL TOPSOIL & SUBSOIL TO A 5' PERIMETER OF SYSTEM TO ELEV. ⁴⁴³ & REPLACE W/ CLEAN BANK-RUN GRAVEL TO ELEV. ⁴⁴⁸

CLEAR & REMOVE ALL BRUSH & TREES TO A 10' PERIMETER OF LEACHING FIELD.

NO PROPOSED OR EXISTING WELLS WITHIN 200' RADIUS OF PROPOSED LEACHING FIELD OTHER THAN THAT SPECIFIED.

NO PROPOSED OR EXISTING LEACHING FIELDS WITHIN 100' RADIUS OF PROPOSED WELL.

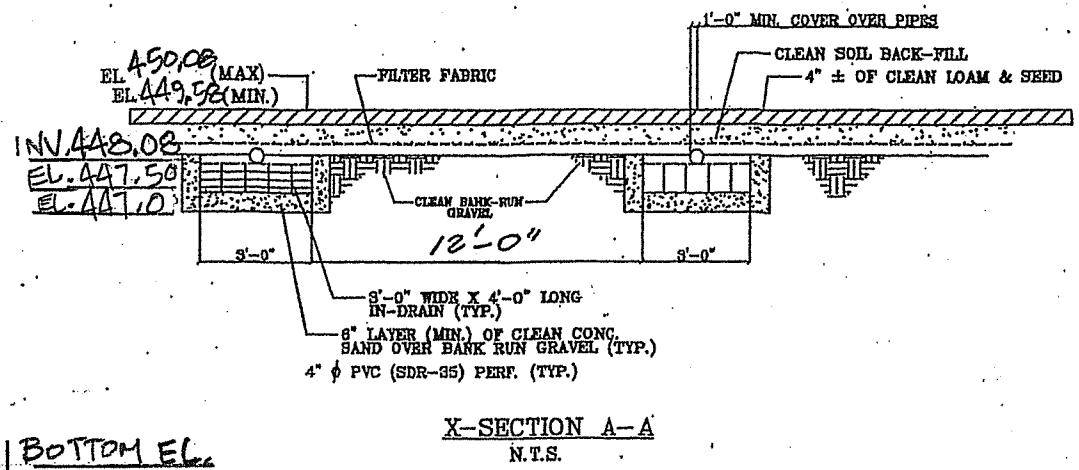
NO PERIMETER DRAINS WITHIN 25' OF PROPOSED LEACHING FIELD.

THIS PLAN DOES NOT CONSTITUTE A PROPERTY SURVEY.

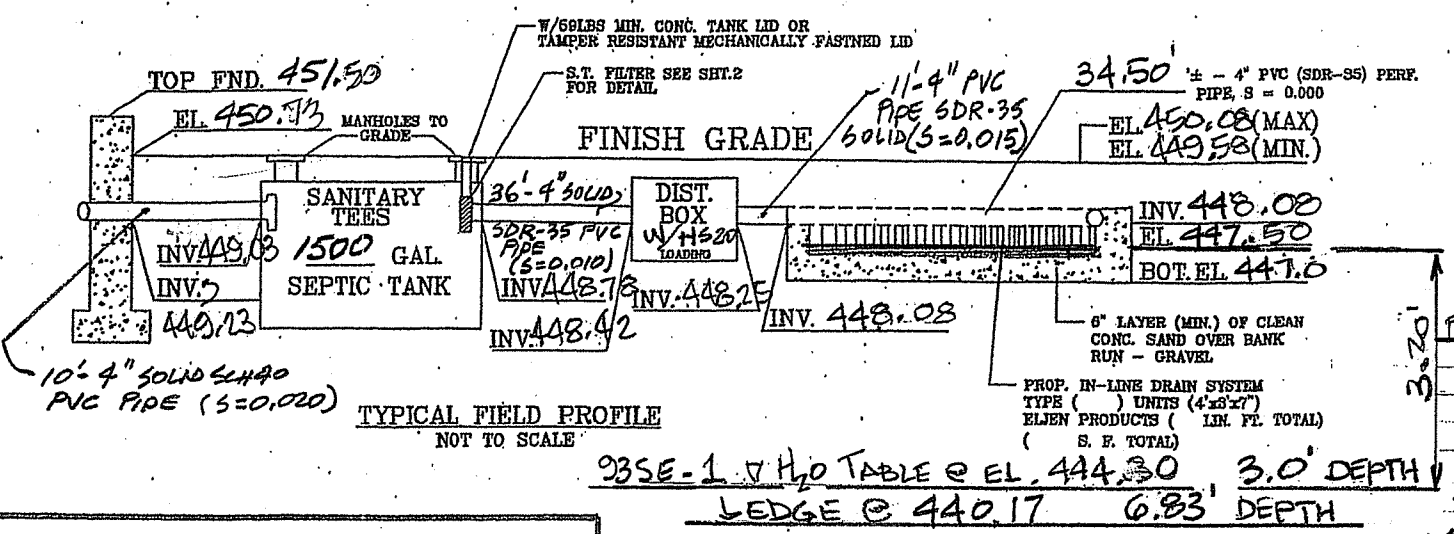
PROPOSED WELL LOCATION, 75' MIN. FROM SEPTIC TANK AND ALSO 50' MIN. FROM EDGE OF ROAD.

NO PUBLIC WELLS, EXISTING AND PROPOSED WITHIN 500FT OF PROPOSED LEACHING FIELD.

THIS SITE LIES WITHIN THE SCITUATE RESERVOIR WATERSHED.



X-SECTION A-A
N.T.S.



TYPICAL FIELD PROFILE
NOT TO SCALE

PROBE	DEPTH	BOTTOM EL.
P1	50"	440.33
P2	72"	441.50
P3	60"	440.90
TH	60"	440.90

93SE-1 V H₂O TABLE @ EL. 444.30, 3.0' DEPTH

LEDGE @ 440.17, 6.83' DEPTH

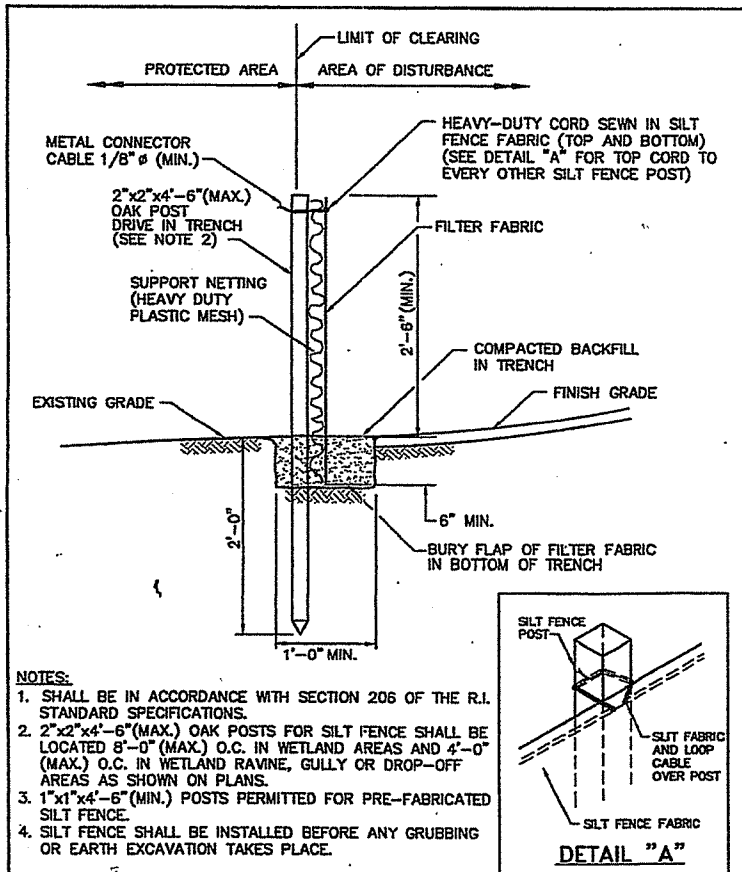
LEGEND

- 100--- EXISTING CONTOUR
- (100)— DESIGN CONTOUR
- ☐ SOIL EVALUATION TEST

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

BY: *[Signature]* 10-12-22
REGISTERED PROFESSIONAL LAND SURVEYOR DATE 6-24-22

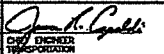

N. VELTRI SURVEY, INC. SURVEYING—LAND PLANNING JOHNSTON (401) 231-3200 NARRAGANSETT (401) 789-1300	NO.	DATE	REVISION
PROPOSED SEWAGE DISPOSAL SYSTEM AP 43/4 LOT/S 93-A JOHNSTON, R.I. MEADOWLAND INVESTMENTS, LLC SCALE: 1"=			
DRAWN: J. PARRILLO		CHECKED BY: HV	



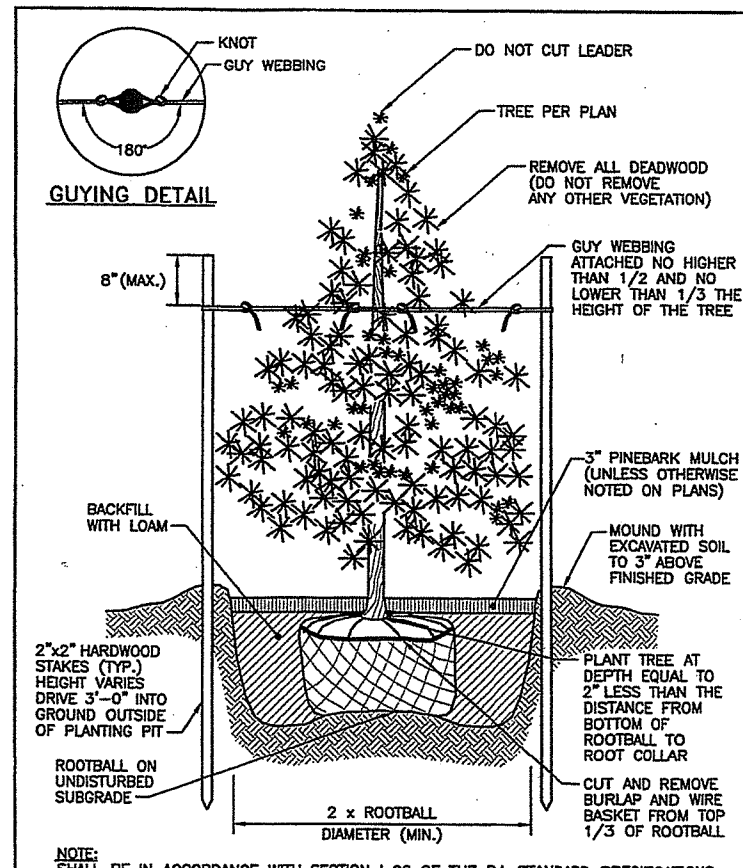
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

SILT FENCE DETAIL



 JUNE 15, 1998
CHIEF ENGINEER CHIEF DESIGN ENGINEER
TRANSPORTATION TRANSPORTATION

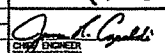
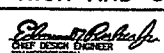
R.I. STANDARD 9.2.0



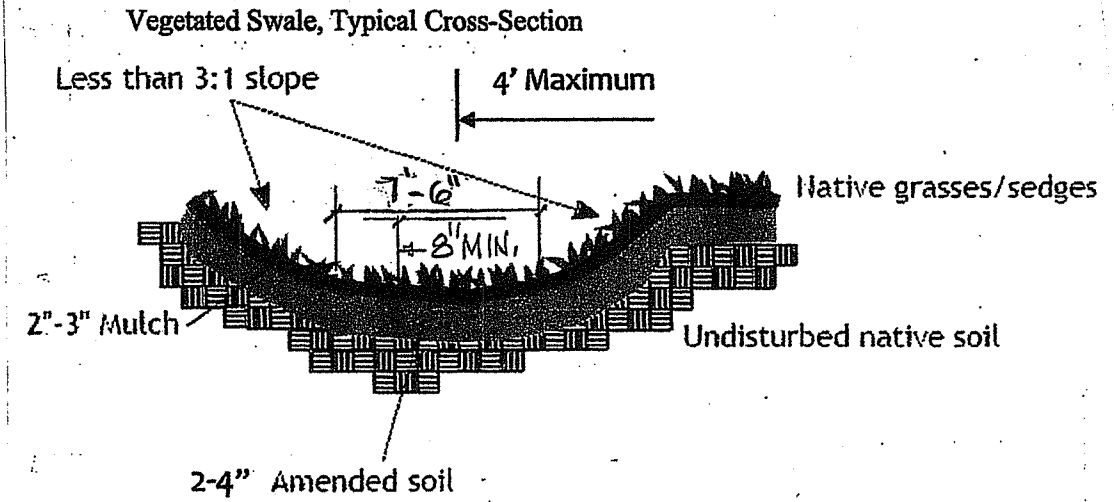
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

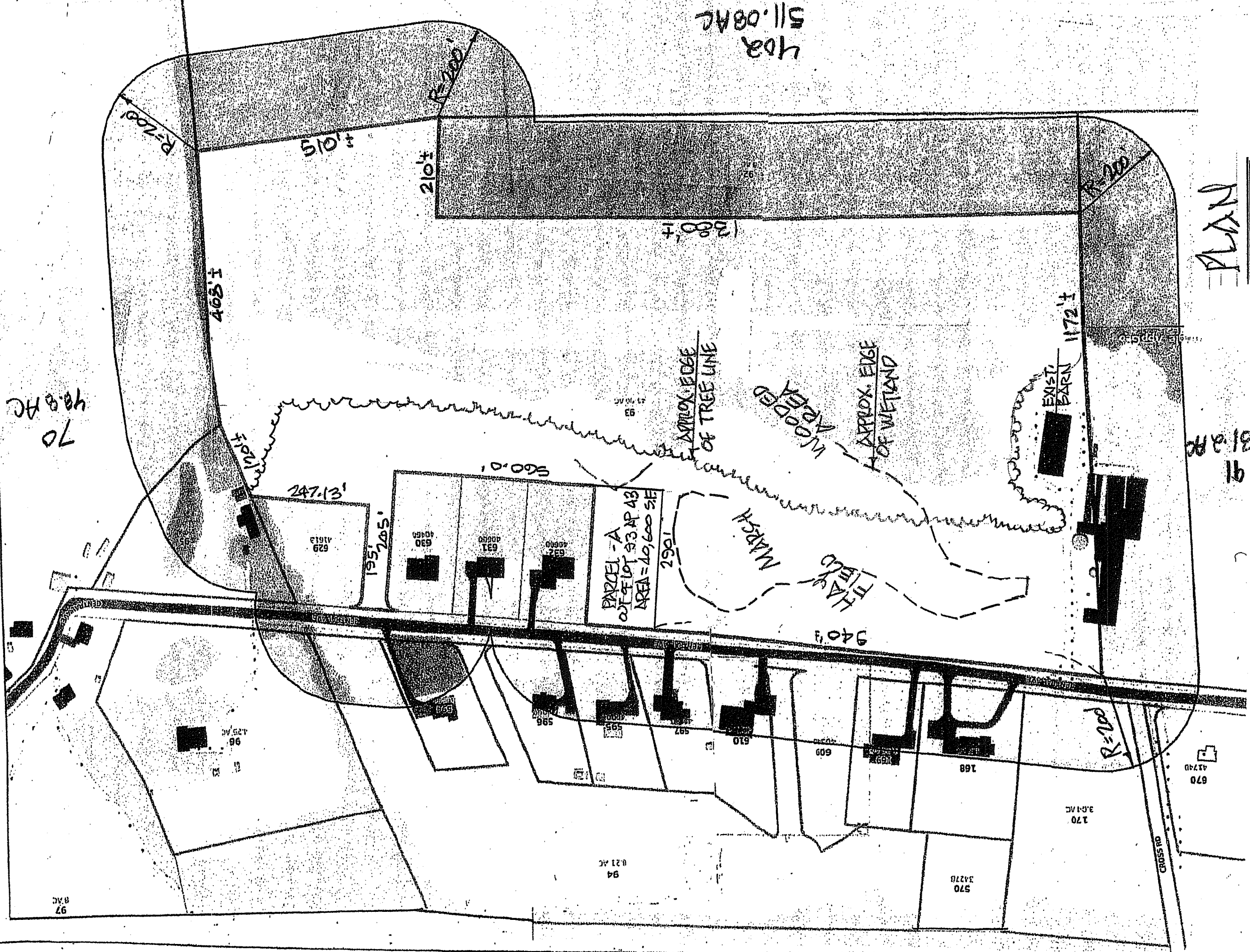
EVERGREEN TREE PLANTING DETAIL
(4'-0" HIGH AND GREATER)



 JUNE 15, 1998
CHIEF ENGINEER CHIEF DESIGN ENGINEER
TRANSPORTATION TRANSPORTATION

R.I. STANDARD 50.2.0



N. VELTRI SURVEY, INC. SURVEYING-LAND PLANNING 401-640-0334 veltrisurvey@verizon.net	NO.	DATE	REVISION
- DETAILS -			
JOHNSTON, R.I. DP 13/4 LOT 93-A			
FOR: MEADOWLANDS INVESTMENTS, LLC			
SCALE: N/A	DRAWN: NV	10-16-22 ORIG. ISSUE	
SHEET 3 OF 4 SHEETS			
CHECKED BY: N.V.			



70
40.8 AC

402
511.08 AC

PLAN
1" = 200'±

PARCEL - A
OUT OF LOT 93 AP 43
AREA = 40,600 S.F.

APPROX. EDGE
OF TREE LINE

WOODED
AREA

APPROX. EDGE
OF WETLAND

EXIST.
BARN

NICHOLAS VELTRI
1719
PROFESSIONAL
LAND SURVEYOR

CERTIFICATION
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 Registration for Professional Land Surveyors on Nov. 25, 2015, as follows:
Type of Boundary Survey: **CLASS N**
This approach for the conduct of the survey and for the preparation of the plan is as follows:
PROPERTY PLAN
BY: *Nicholas Veltri* 9/28/22
NICHOLAS VELTRI PAS
Ced. 2-4-0

N. VELTRI SURVEY, INC. SURVEYING-LAND PLANNING JOHNSTON, CELL 401-640-0334 NARRAGANSETT veltrisurvey@verizon.net		NO. DATE	REVISION
PROPERTY PLAN JOHNSTON, R.I., AP 434 LOT 93 OWNER: MEADOWLAND'S INVESTMENTS LLC			
SCALE AS NOTED DRAWN NV		9-28-22	ORIG. ISSUE
		SHEET 4 OF 4	SHEETS
		CHECKED BY:	K.V.