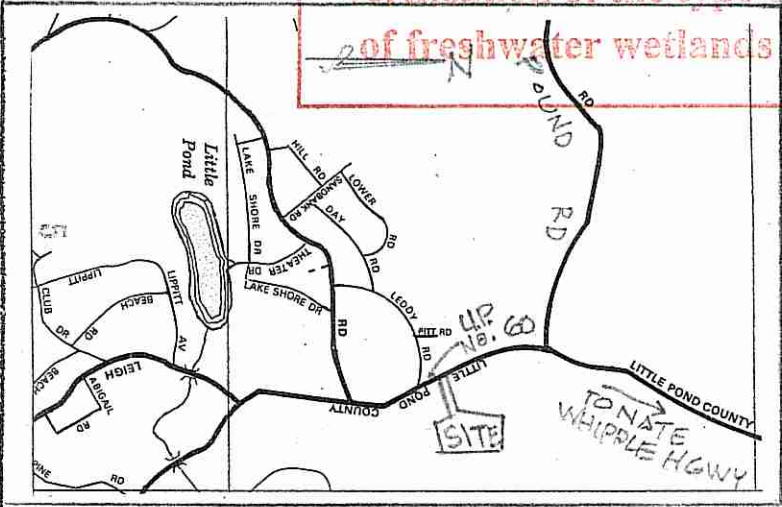


Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



LOCUS SKETCH - N.T.S.
 PLAN
 1"=100'

- LEGEND:
- A20 A21 WETLAND FLAG
 - 50' PERIMETER WETLAND
 - 200' RIVERBANK WETLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 16-0189
 DATED AUG 25 2016
 SEE LETTER OF SAME DATE.
 Environmental Management

JUL 14 2016

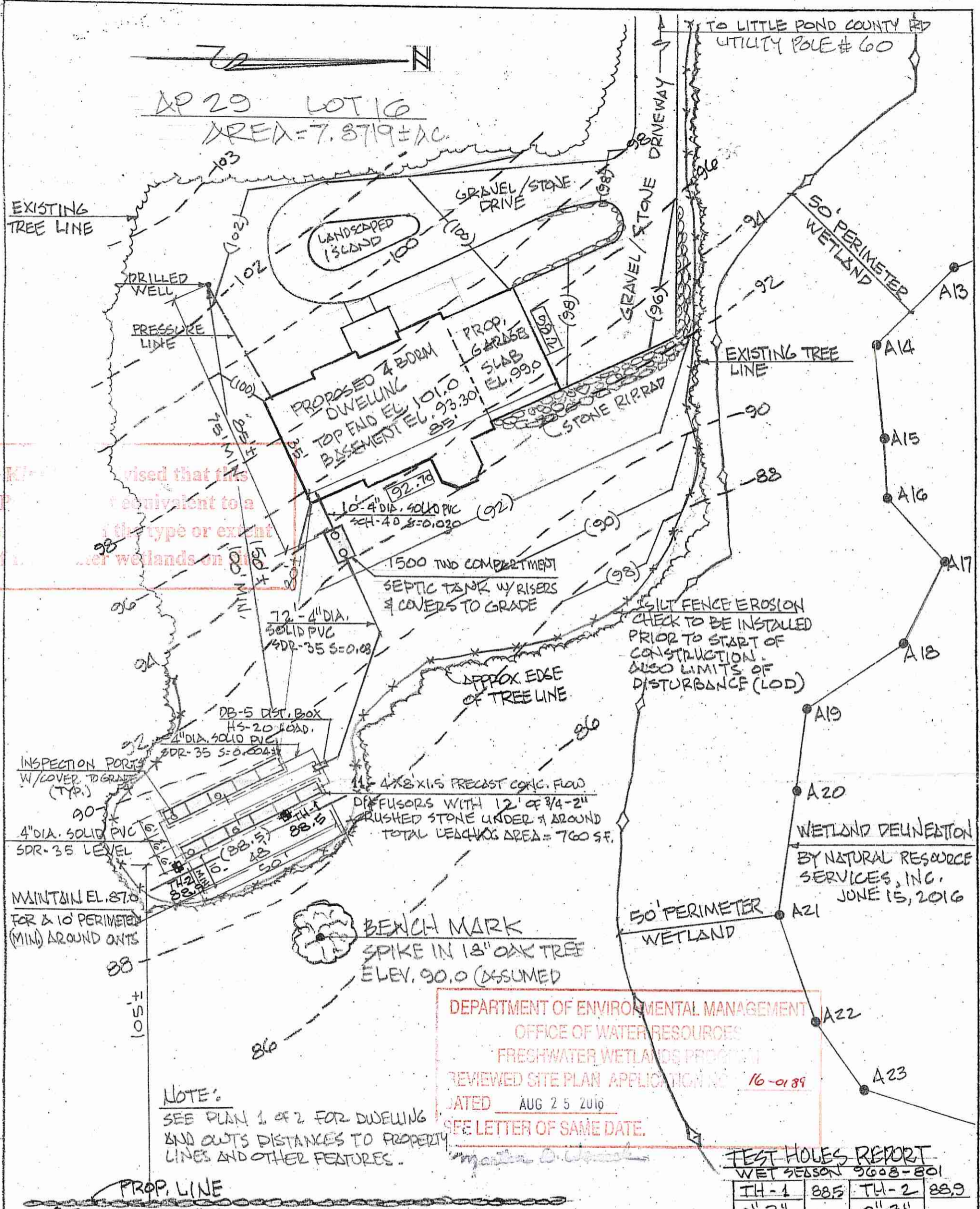
Office of Water Resources

This survey and plan conform to a class I & II Standard as adopted by the Rhode Island Board of Registration for Professional Land Surveyors
 By: [Signature] Registered Professional Land Surveyor Date

NICHOLAS VELTRI
 No. 1719
 PROFESSIONAL LAND SURVEYOR

REFERENCE:
 PLAT CARD No. 765 DRAWER No. 3
 TOWN OF CUMBERLAND LAND EVIDENCE RECORDS.

N. VELTRI SURVEY, INC. SURVEYING-LAND PLANNING JOHNSTON (401) 231-3200 NARRAGANSETT (401) 789-1300		NO.	DATE	REVISION
PROPERTY SURVEY PLAN CUMBERLAND, R.I. AP 29 LOT 16 OWNERS MR & MRS JOSEPH DALOMBA SCALE 1"=100' DRAWN: N.V.		2	7-11-16	ADDED WETLAND DELINEATION
		1	5-16	DWELL. AND OWTS
		1	1-16	ORIG. ISSUE
		SHEET 1 OF 3 SHEETS		
		CHECKED BY: N.V.		



Revised that this is equivalent to a [redacted] of the type or extent of [redacted] wetlands on [redacted]

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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 SEE LETTER OF SAME DATE.

WETLAND DELINEATION
 BY NATURAL RESOURCE SERVICES, INC.
 JUNE 15, 2016

NOTE:
 SEE PLAN 1 OF 2 FOR DWELLING AND OWTS DISTANCES TO PROPERTY LINES AND OTHER FEATURES.

TEST HOLES REPORT
 WET SEASON 9608-801

TH	ELEVATION	TH	ELEVATION
TH-1	88.5	TH-2	88.9
0'-3" LM	88.25	0'-3" LM	88.65
3'-36" STL	85.25	3'-33" STL	85.9
36"-10' ST, G, RB ESHWT	79.50	33"-10' ST, G, RB ESHWT	79.9
	78.50		78.9

- LEGEND:**
- 100 --- EXISTING CONTOUR
 - (100) DESIGN CONTOUR
 - A20 A21 WETLAND FLAGS
 - ◇ 50' PERIMETER WETLAND
 - ⊠ SOIL TEST HOLE

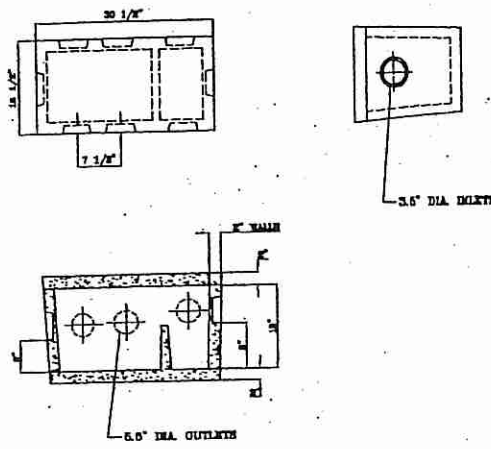
PLAN
 1" = 30'

Environmental Management
JUL 14 2016
 Office of Water Resources

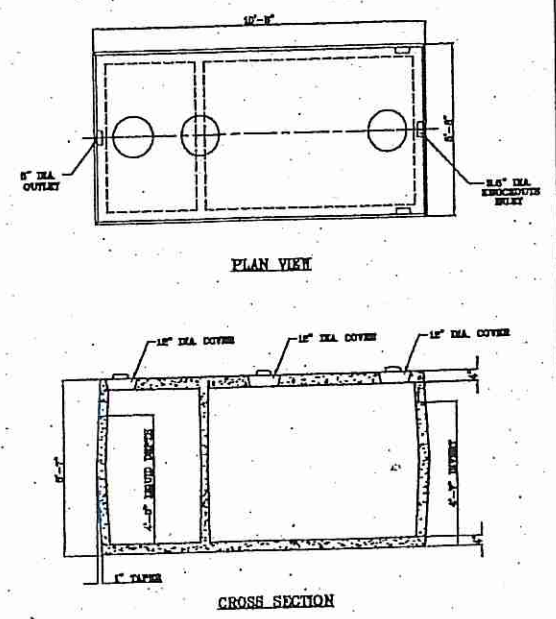
NICHOLAS VELTRI
 No. 1719
 PROFESSIONAL LAND SURVEYOR

This survey and plan conform to a class III Standard as adopted by the Rhode Island Board of Registration for Professional Land Surveyors
 By: *Nicholas Veltri* 5/16
 Registered Professional Land Surveyor Date

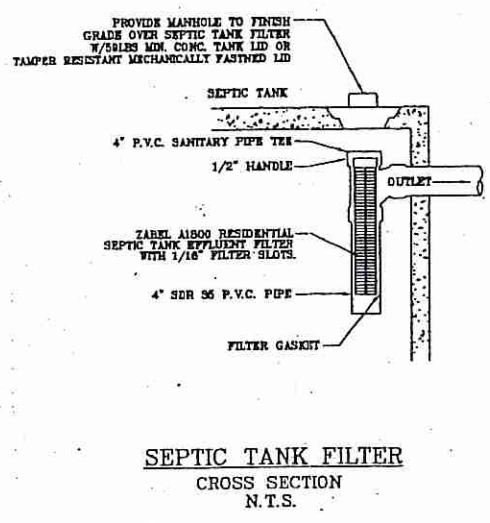
N. VELTRI SURVEY, INC.		NO.	DATE	REVISION
SURVEYING-LAND PLANNING				
JOHNSTON (401) 231-3200				
NARRAGANSETT (401) 789-1300				
PROPOSED OWTS DESIGN		1	7-11-16	ADDED WETLAND DELINEATION
CUMBERLAND, R.I. AP 29 LOT 16			5/16	ORIG. ISSUE
OWNERS				
MR & MRS JOSEPH DALOMBA				
SCALE AS NOTED DRAWN: NV				
		SHEET 2 OF 3 SHEETS		
		CHECKED BY: N.V.		



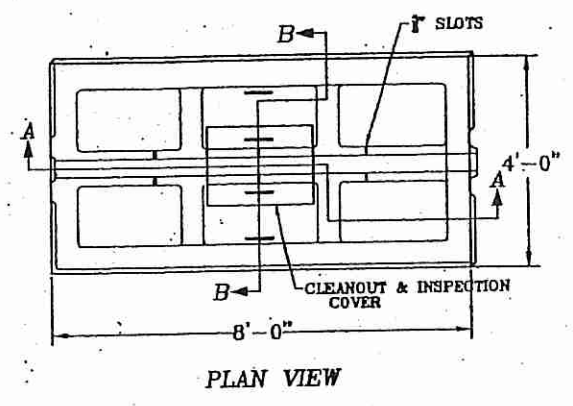
DB-5 PRECAST DISTRIBUTION BOX DETAIL



1,500 GAL. PRECAST SEPTIC TANK DETAIL



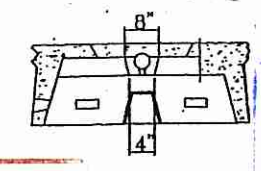
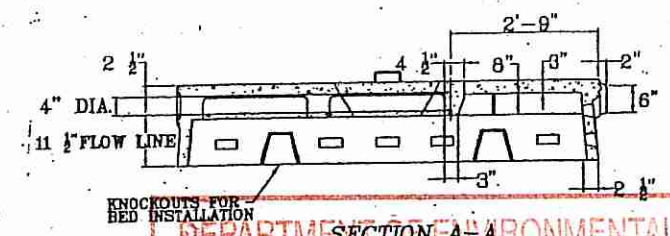
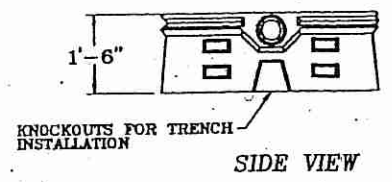
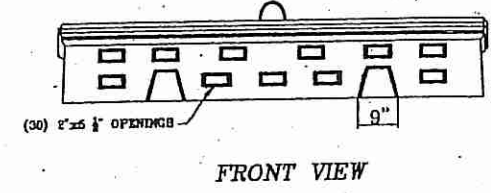
SEPTIC TANK FILTER
CROSS SECTION
N.T.S.



18" PRECAST LEACHING CHAMBER FD 4x8 - D FLOWDIFFUSOR

SPECIFICATIONS

- 1) CONCRETE MINIMUM STRENGTH - 4,000 PSI @ 28 DAYS.
 - 2) DESIGN LOADING - STANDARD UNITS: 800 P.S.F.
OPTIONAL UNITS: AASHTO HS20-44
 - 3) STEEL REINFORCEMENT - ASTM A-615-75, GRADE 60.
 - 4) VENT HOLES AND INSPECTION MANHOLES - OPTIONAL
SEE FLOWDIFFUSOR, LEACHING CHAMBER BROCHURE.
- THE BEARING POWERS OF SOIL SUPPORTING ANY STRUCTURE SHOULD BE DETERMINED AND EQUATED TO THE APPLIED LOADS TO CALCULATE THE BEARING AREA REQUIRED.
- BEARING AREA PER CHAMBER: 4.18 S.F.

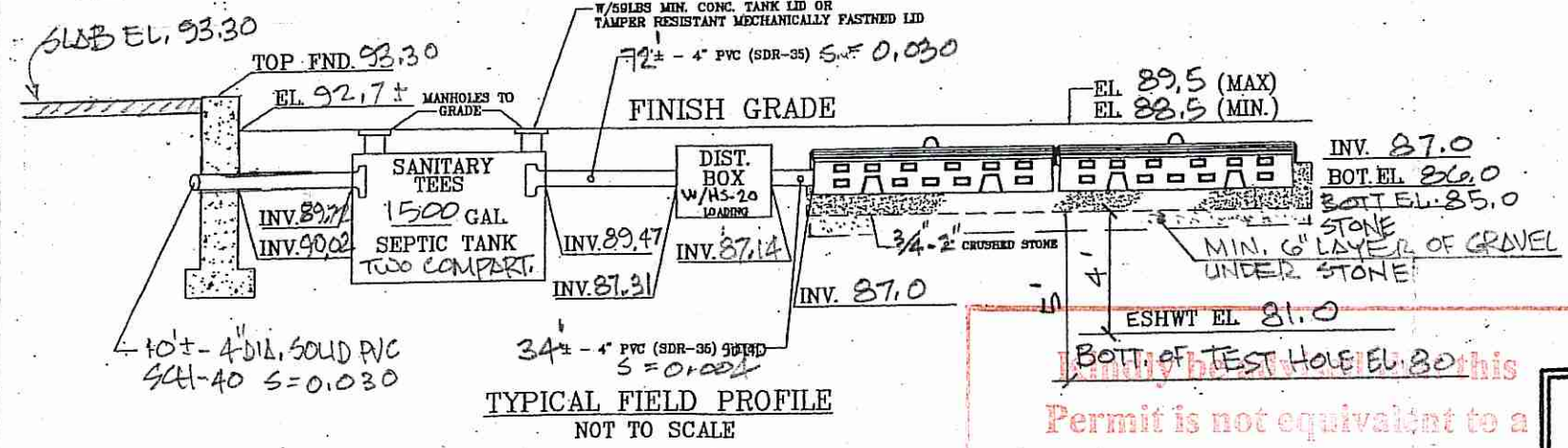


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JUL 14 2016
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NOTES:

- (X) MAINTAIN INV. ELEV. 87.0 FOR 10' AROUND LEACHING FIELD FOLLOWED BY 3:1 MAX SLOPE TO ORIGINAL GRADE
- (WA) STRIP ALL TOPSOIL & SUBSOIL FROM SYSTEM & REPLACE W/ CLEAN BANK-RUN GRAVEL TO ELEV. _____
- (X) STRIP ALL TOPSOIL & SUBSOIL TO A 5' PERIMETER OF SYSTEM & REPLACE W/ CLEAN BANK-RUN GRAVEL TO ELEV. 87.0
GROUND LEACHING SYSTEM
- (X) CLEAR & REMOVE ALL BRUSH & TREES TO A 10' PERIMETER OF LEACHING FIELD.
- (X) NO PROPOSED OR EXISTING WELLS WITHIN 200' RADIUS OF PROPOSED LEACHING FIELD OTHER THAN THAT SPECIFIED.
- (X) NO PROPOSED OR EXISTING LEACHING FIELDS WITHIN 100' RADIUS OF PROPOSED WELL.
- (X) NO PERIMETER DRAINS WITHIN 25' OF PROPOSED LEACHING FIELD.
- (X) THIS PLAN DOES NOT CONSTITUTE A PROPERTY SURVEY.
- (X) PROPOSED WELL LOCATION, 75' MIN. FROM SEPTIC TANK AND ALSO 50' MIN. FROM EDGE OF ROAD.
- (X) NO PUBLIC WELLS, EXISTING AND PROPOSED WITHIN 500 FT OF PROPOSED LEACHING FIELD.
- (NA) THIS SITE LIES WITHIN THE SCITUATE RESERVOIR WATERSHED.
- (X) SOIL BETWEEN THE TRENCHES TO REMAIN UNDISTURBED.



LEGEND

---(WA)--- EXISTING CONTOUR
---(X)--- DESIGN CONTOUR

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

BY: *Nicholas Veltri* 5/16
REGISTERED PROFESSIONAL LAND SURVEYOR DATE

Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

NICHOLAS VELTRI
No. 1719
PROFESSIONAL LAND SURVEYOR

N. VELTRI SURVEY, INC. SURVEYING-LAND PLANNING JOHNSTON (401) 231-3200 NARRAGANSETT (401) 789-1300		NO.	DATE	REVISION
PROPOSED ONTS DETAILS CUMBERLAND, R.I., AP29 LOT 16. MR. & MRS. JOSEPH DA LOMBA - OWNER		1	7-11-16	ADDED NOTES
SCALE: 1" = N/A DRAWN: NV			5/16	ORIG. ISSUE
				SHEET 3 OF 3 SHEETS
				CHECKED BY: NV