

**UTILITY DISCLAIMER**  
 LOCATION OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES AND STRUCTURES INDICATED ARE APPROXIMATE ONLY, AND THOSE INDICATED ARE NOT NECESSARILY ALL WHICH MAY EXIST ON THE SITE. CONTRACTOR SHALL DETERMINE ACTUAL LOCATIONS OF ALL UTILITIES AND STRUCTURES ON THE PROJECT SITE, WHETHER THEY ARE INDICATED OR NOT. CONTRACTOR SHALL ASSUME THE RESPONSIBILITY FOR ANY DAMAGE TO THE UTILITY LINES, WHETHER SHOWN ON THE PLANS OR NOT, DURING WORK ON THE PROJECT.

**PLAN**  
 SCALE: 1" = 20'

**PROPOSED OWTS DESIGN**

GLOUCESTER RHODE ISLAND  
 LAKE WASHINGTON FLAT  
 LOTS: 177 & 178

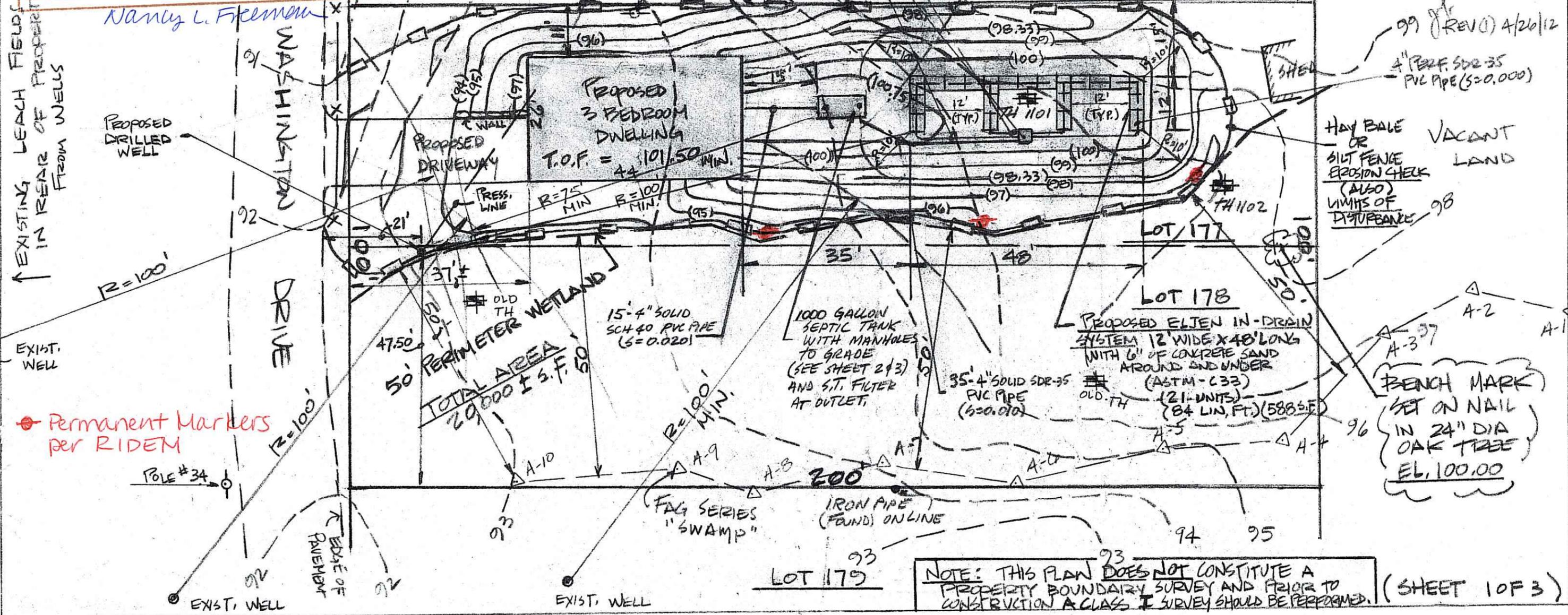
PREPARED FOR: RICHARD ARSENAULT  
 BY: JOHN A. TZITZOURIS PLS.  
 (401) 640-0341, FOR SEPTIC DESIGN  
 LOUIS CALCAGNI JR, PLS.  
 FOR TOPO & LOCATION  
 190 PUTNAM PIKE  
 JOHNSTON, R.I. 02917

JOHN A. TZITZOURIS  
 No. 1941  
 PROFESSIONAL LAND SURVEYOR

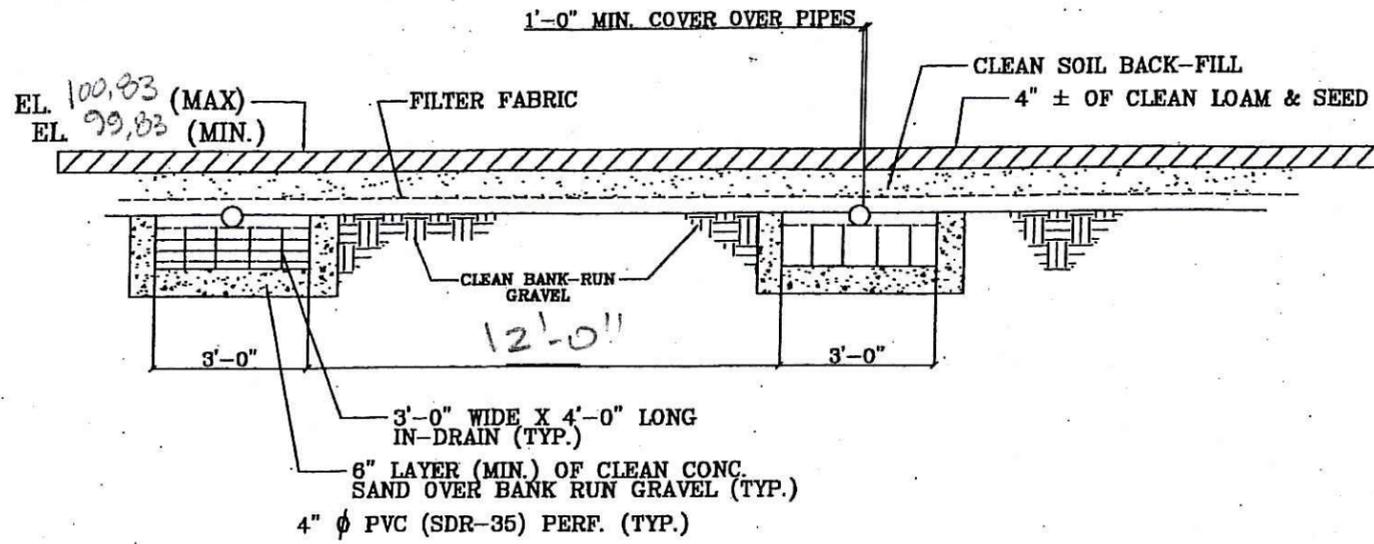
LOUIS CALCAGNI, JR.  
 No. 1697  
 PROFESSIONAL LAND SURVEYOR

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 REVIEWED SITE PLAN APPLICATION NO.: 12-0086  
 DATED AUG 28 2012  
 SEE LETTER OF SAME DATE.

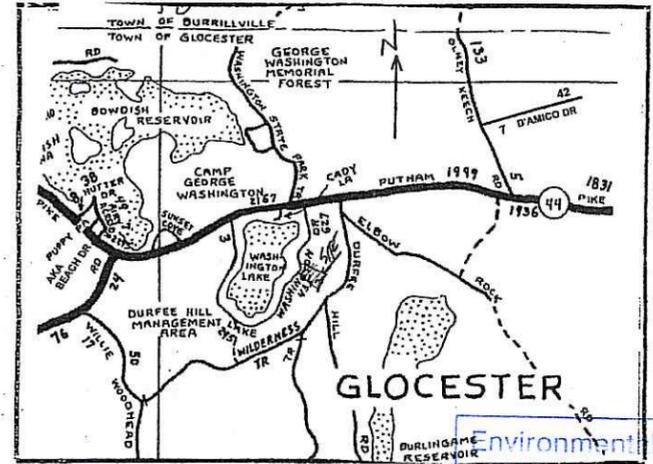
Environmental  
 This survey and plan conform to a Class III Standard as adopted by the Rhode Island Board of Registration for Professional Land Surveyors  
 By: John A. Tzitzouris 2/3/12  
 Registered Professional Land Surveyor Date  
 Office of Water Resources



NOTE: THIS PLAN DOES NOT CONSTITUTE A PROPERTY BOUNDARY SURVEY AND PRIOR TO CONSTRUCTION A CLASS I SURVEY SHOULD BE PERFORMED. (SHEET 1 OF 3)

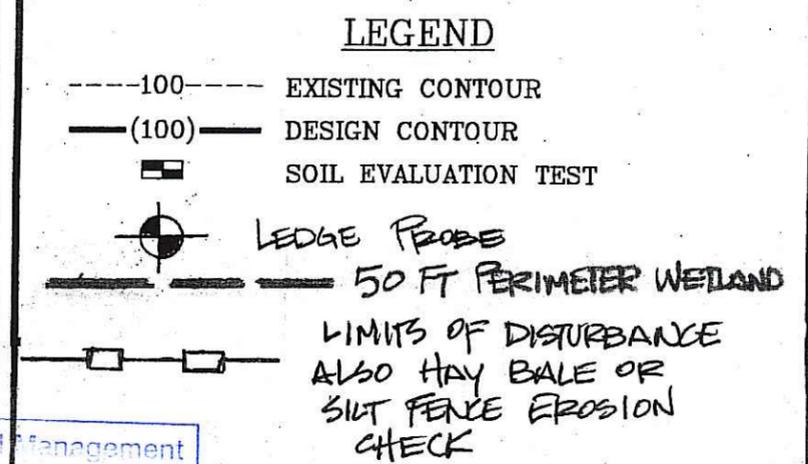


**X-SECTION A-A**  
N.T.S.



**LOCUS SKETCH**  
(NOT TO SCALE)

MAY - 8 2012



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
Department of Environmental Management  
Office of Water Resources



Site Evaluation Form  
Part A - Soil Profile Description Application Number 0713-0671  
Property Owner: RICHARD ARSENAULT  
Property Location: LAKE WASHINGTON DRIVE LOT # 1774 178  
Date of Test Hole: 8/11/11  
Soil Evaluator: JOHN A. FELTTOUCHI License Number: 04021  
Weather: SUNNY Shaded: Yes  No  Time: 12:00

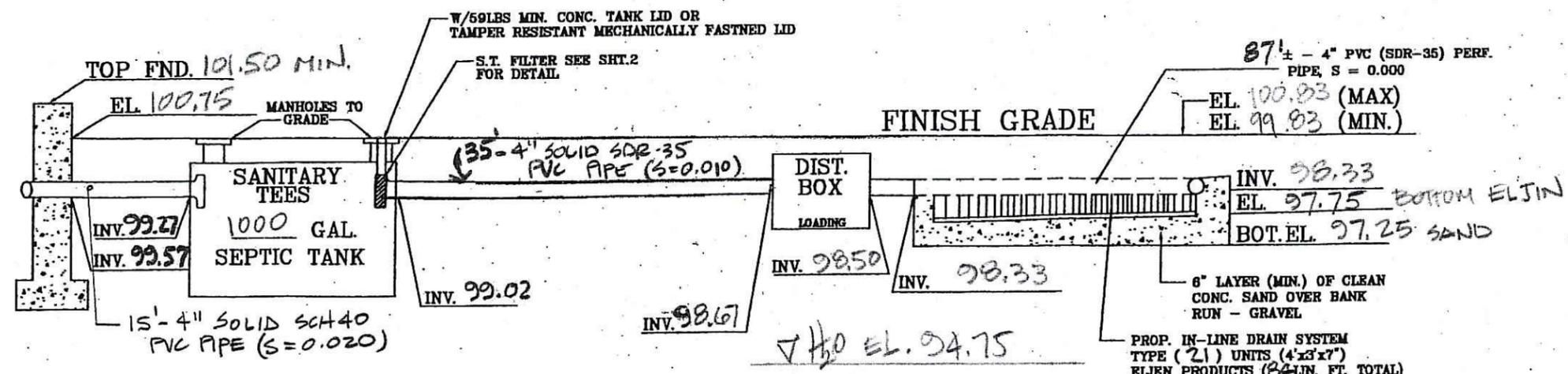
**NOTES:**

- (✓) MAINTAIN INV. ELEV. 98.33 FOR 10' AROUND LEACHING FIELD FOLLOWED BY 3:1 MAX SLOPE TO ORIGINAL GRADE.
- (✗) STRIP ALL TOPSOIL & SUBSOIL FROM SYSTEM & REPLACE W/ CLEAN BANK-RUN GRAVEL TO ELEV. \_\_\_\_\_
- (✓) STRIP ALL TOPSOIL & SUBSOIL TO A 5' PERIMETER OF SYSTEM & REPLACE W/ CLEAN BANK-RUN GRAVEL TO ELEV. 98.33
- (✓) 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 500 FT OF PROPOSED LEACHING FIELD.
- (✗) THIS SITE LIES WITHIN THE SCITUATE RESERVOIR WATERSHED.

STATE OF RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
WET SITE PLAN APPLICATION NO. 12-0086  
AUG 28 2012  
SEE LETTER OF SAME DATE.  
Nancy L. Freeman

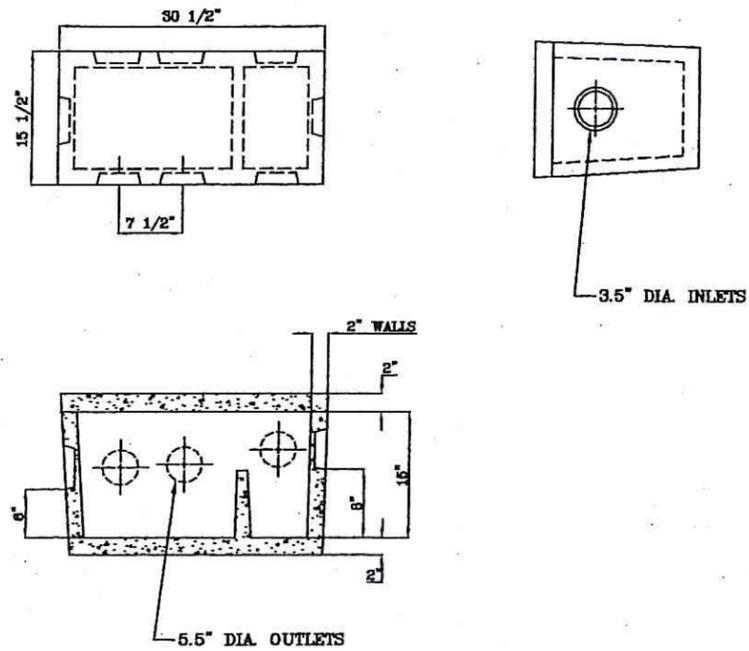
M1102 Horizon	Depth	Horizon Boundaries Dist Topo	Soil Colors Matrix	Re-Des Features	Re-Des Description Ab. S. Con.	Texture	Structure	Consistence	Soil Category
Ap	0" - 5"		10YR 3/2			fsl	WE sbk	vfr	4
Bw1	5" - 11"	C S	10YR 5/6			fsl	sbk	fr	4
Bw2	11" - 30"	C S	10YR 7/8			fsl	sbk	fr	4
C	30" - 50"	C S	10YR 7/1	Redox Evident @ 38"		st gls	O MASS	fr	6m
(CONCURREN 36" WATER TABLE) (PIPE SET @ 9'-0")									
M1102 Horizon	Depth	Horizon Boundaries Dist Topo	Soil Colors Matrix	Re-Des Features	Re-Des Description Ab. S. Con.	Texture	Structure	Consistence	Soil Category
Ap	0" - 3"		10YR 3/3			fsl	WE sbk	vfr	4
Bw	3" - 36"	C S	10YR 7/8	Redox Evident @ 32"		fsl	sbk	fr	4
C	36" - 50"	C S	10YR 7/1	7.5YR 5/6		st gls	O MASS	fr	6m
(CONCURREN 30" WATER TABLE) (PIPE SET @ 9'-0")									

Soil Class: ABLATION B  
Depth to Groundwater Seepage: NONE OBSERVED  
Estimated Seasonal High Water Table: TH 1101 - 36" TH 1102 - 30"  
Total Depth of each Test Hole: 1101 @ 1102 9'-0"  
Depth to Impenvious or Limiting Layer: NONE OBSERVED  
Comments: DESIGN IS 4/11/11

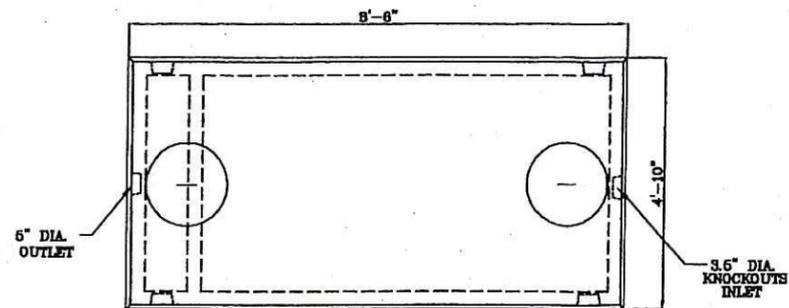


**TYPICAL FIELD PROFILE**  
NOT TO SCALE

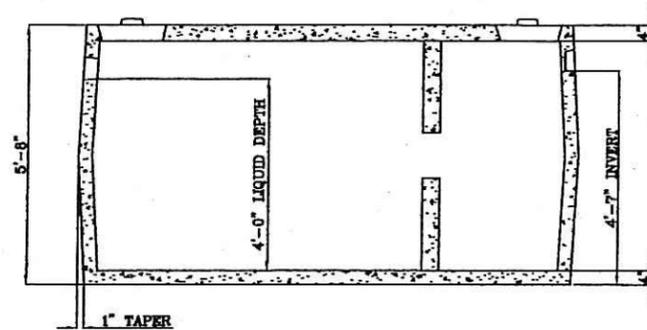
**R. ARSENAULT OWTS DESIGN**  
THIS SURVEY AND PLAN CONFORM TO A CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.  
BY: *[Signature]* 4/26/12  
REGISTERED PROFESSIONAL LAND SURVEYOR DATE  
D20666 (SHEET 2 OF 3)  
REV 1) 4/26/12



DB-5 PRECAST DISTRIBUTION BOX DETAIL



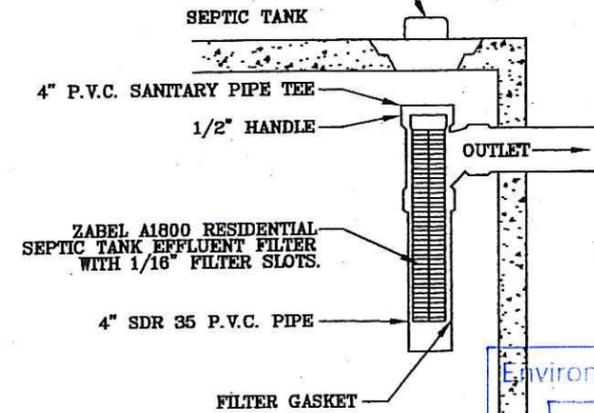
PLAN VIEW



CROSS SECTION

1,000 GAL. PRECAST SEPTIC TANK DETAIL

PROVIDE MANHOLE TO FINISH GRADE OVER SEPTIC TANK FILTER W/50LBS MIN. CONC. TANK LID OR TAMPER RESISTANT MECHANICALLY FASTENED LID



SEPTIC TANK FILTER  
CROSS SECTION  
N.T.S.

Environmental Management  
MAY - 8 2012  
Office of Water Resources

DEPARTMENT OF PUBLIC WORKS  
REVIEWED AND APPROVED FOR RELEASE  
DATED AUG 28 2012  
SEE LETTER OF SAME DATE.  
12-0086  
Nancy L. Freeman

JOHN A. TZITZOURIS  
NO. 1941  
PROFESSIONAL LAND SURVEYOR  
2/2/12

CLASS II PLAN D2066  
OWTS DESIGN  
R. ARSENAULT  
(SHEET 3 OF 3)

REV(1) 4/26/12