



PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM 7 WETLANDS PLAN
 for
STEVE MARSHALL
 CUMBERLAND, RHODE ISLAND
 NOVEMBER, 2015 SCALE 1"= 30'

REVISED: 4-5-16, 6-24-16
 ASSESSOR'S PLAT 42, LOT 11, AREA: 2.17 Acres±
 BENCH MARK 1: NAIL IN POLE 7, ELEVATION 98.47
 BENCH MARK 2: NAIL IN 4" TREE, ELEVATION 100.00

LEACHING SYSTEM BY:
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 LAND SURVEYORS and PLANNERS
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 No. 1797
 JUN 29 2016
 PROFESSIONAL LAND SURVEYOR

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

Marc N. Nyberg
 REG. PROFESSIONAL LAND SURVEYOR

- GENERAL NOTES**
- 1) LEACHING TRENCHES TO BE EXCAVATED IN ACCORDANCE WITH RIDEM REGULATION 32.9 FOR ONSITE WASTEWATER TREATMENT SYSTEMS. A 6 INCH GRAVEL BASE TO BE SET BELOW EACH TRENCH IN ACCORDANCE WITH REGULATION 32.12. TREES, BRUSH AND STUMPS WITHIN AND EXTENDING 10 FEET BEYOND LEACHFIELD TO BE REMOVED. THE LEACHFIELD AND 5 FEET BEYOND THE LEACHFIELD SHALL BE STRIPPED OF ALL TOPSOIL (A HORIZONS). IN ORDER TO AVOID COMPACTION OF THE B SOIL HORIZON, ONLY TRACKED VEHICLES SHALL BE ALLOWED WITHIN THIS AREA.
 - 2) USE SDR #35 PVC PIPING OR EQUIVALENT THROUGHOUT SYSTEM.
 - 3) NO WELL EXISTS WITHIN 100' OF THE PROPOSED LEACHING SYSTEM.
 - 4) ZABEL EFFLUENT FILTER TO BE INSTALLED AT SEPTIC TANK OUTLET.
 - 5) NO WELLS, EXISTING OR PROPOSED, ARE WITHIN 200' FEET OF ISDS. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE ISDS UNLESS SHOWN.
 - 6) BRING SEPTIC TANK MANHOLE TO GRADE AND D-BOX MANHOLE TO WITHIN 12" OF GRADE.
 - 7) SEPTIC TANK TO BE A MINIMUM OF 75' FROM ALL WELLS.
 - 8) ENDS OF LINES IN TRENCH TO BE INTERCONNECTED.
 - 9) D-BOX TO HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET AND MEET H-20 WHEEL LOADS WITH MARKER SET TO GRADE.
 - 10) SANITARY TEES TO BE INSTALLED IN SEPTIC TANK.
 - 11) NO DRAINS OF ANY KIND SHALL BE WITHIN 25' UPGRADIENT OR 50' DOWNGRADIENT OR SIDE GRADIENT OF THE PROPOSED LEACHING SYSTEM.
 - 12) 10' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV.: 101.08.
 - 13) COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
 - 14) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
 - 15) WASHING MACHINE LINT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELJEN SYSTEM.

TEST HOLE DATA
DATE: 9/23/09

TH 1	0'-2" A, SIL, 10YR 4/4
	2"-30" Bw, CB, G, SL, 10YR 4/6
	30"-120" C, CB, G, COS, 10YR 5/4
	ESHW: 30"
	NO LEDGE 120"
TH 2 & 3	0"-10" A, SIL, 10YR 4/4
	10"-14" Bw, CB, G, SL, 10YR 4/6
	14"-38" C, CB, G, COS, 10YR 5/4
	38"-120" C, CB, G, COS, 10YR 5/4
	ESHW: TH2 - 36", TH3 - 26"
	NO LEDGE 120"

DESIGN DATA

PERC RATE: 10 MPI
 DESIGN LOADING RATE: 0.70
 FIELD SIZE: ELJENS, TWO LINES
 24 TOTAL ELJEN UNITS
 672 SQUARE FEET

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING GRADE
- ▲ WETLAND EDGE
- ▲ WETLAND FLAG

