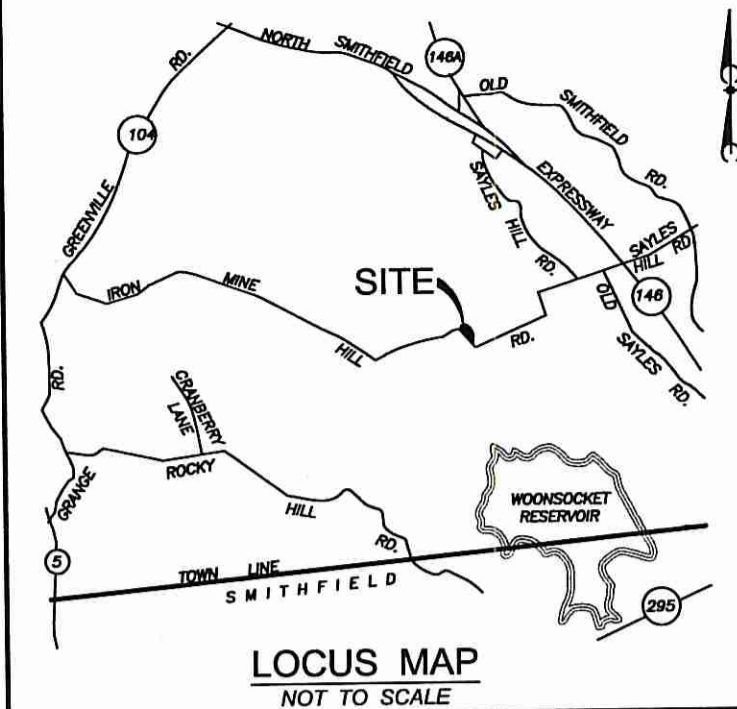
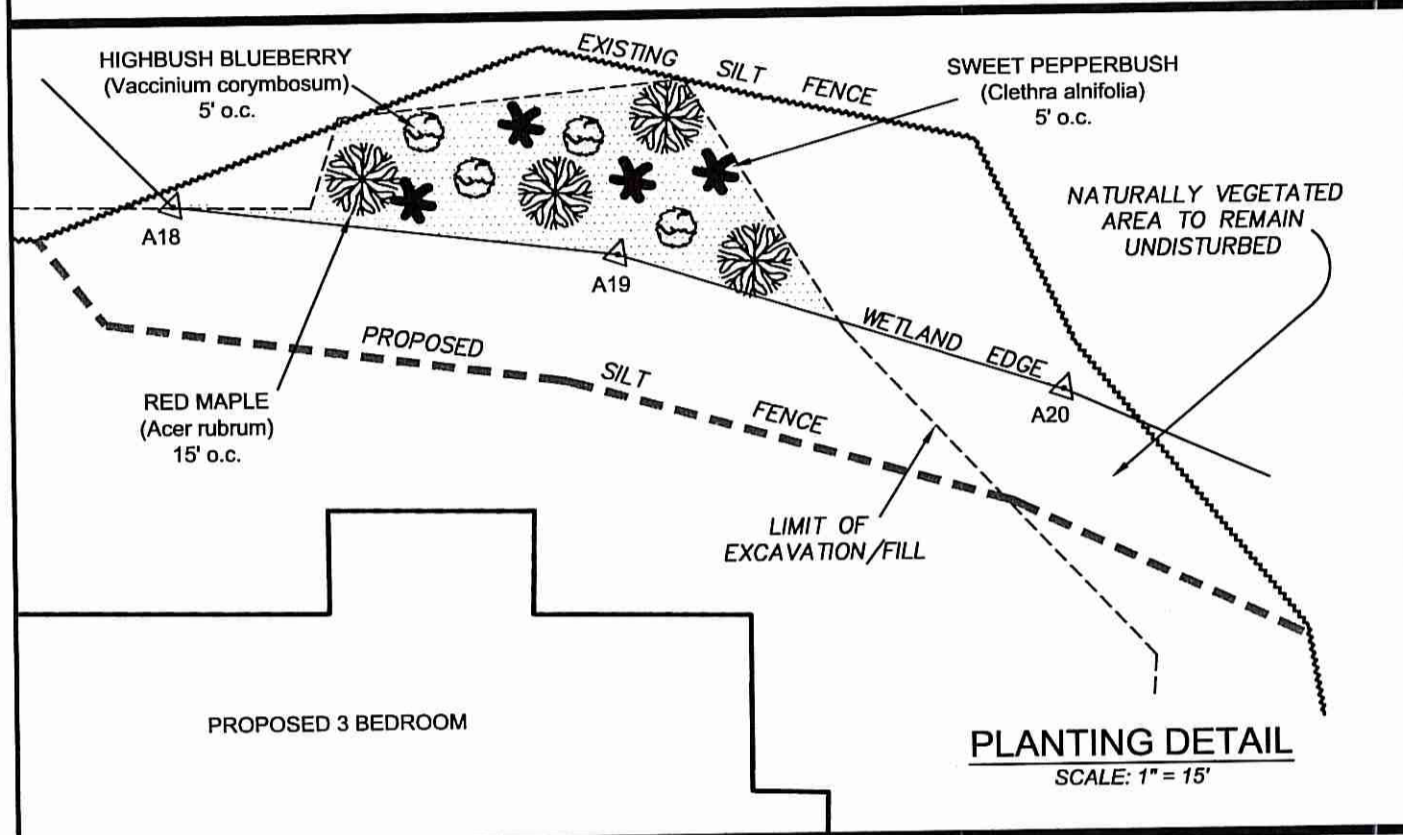


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 14 2014 FILE # 14-0020
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles H. Herbert

NOTE: THE SHALLOW CHANNEL IN THE AREA APPROXIMATELY 85 FEET NORTHEAST OF THE NORTHEAST FOUNDATION CORNER TO BE RESTORED TO ORIGINAL GRADE BY REPLACING THE TOPSOIL THAT HAS BEEN PUSHED TO EITHER SIDE OF THE CHANNEL.



PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM MODIFICATION & WETLANDS PRELIMINARY DETERMINATION
for
DAVID DUPLESSIS
NORTH SMITHFIELD, RHODE ISLAND
JANUARY, 2014 SCALE 1" = 30'

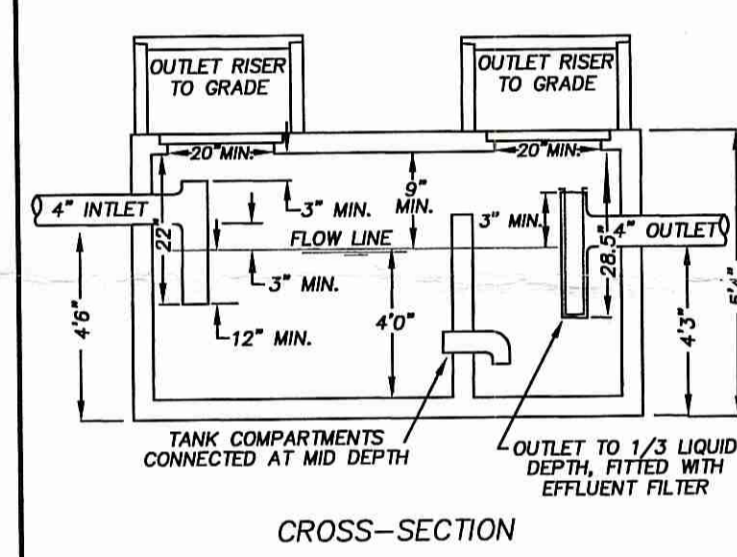
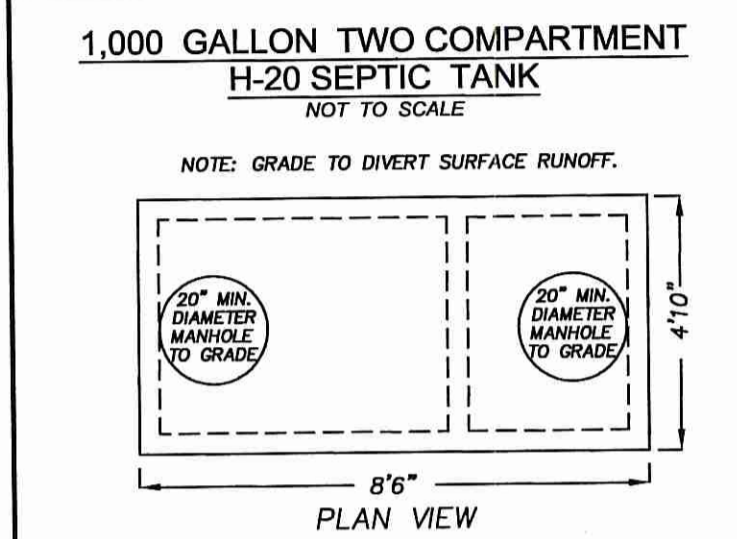
REVISED: 4-25-14, 4-28-14
ASSESSOR'S PLAT 17, LOT 8, SUBLLOT 1, AREA: 62,712 SF
BENCH MARK: NAIL IN POLE 109, ELEVATION 429.97

LEACHING SYSTEM BY:
MARC N. NYBERG ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RHODE ISLAND 02896
TEL: (401) 762-2870
FAX: (401) 762-2871

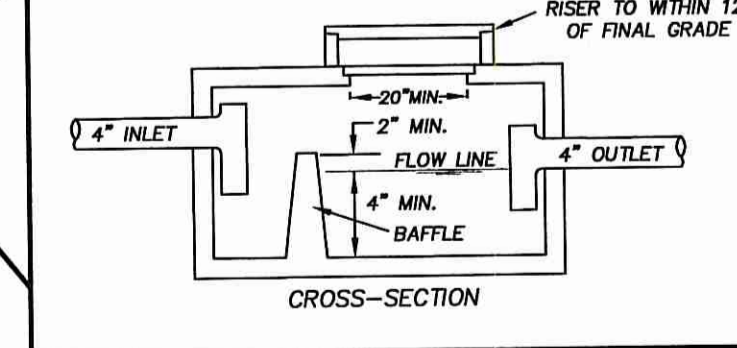
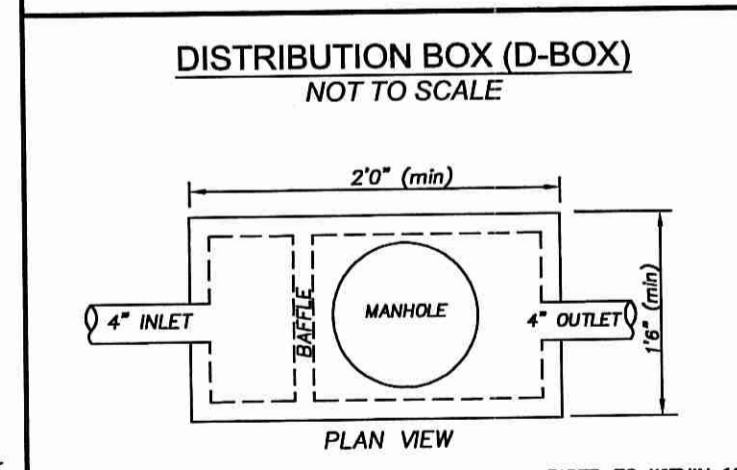
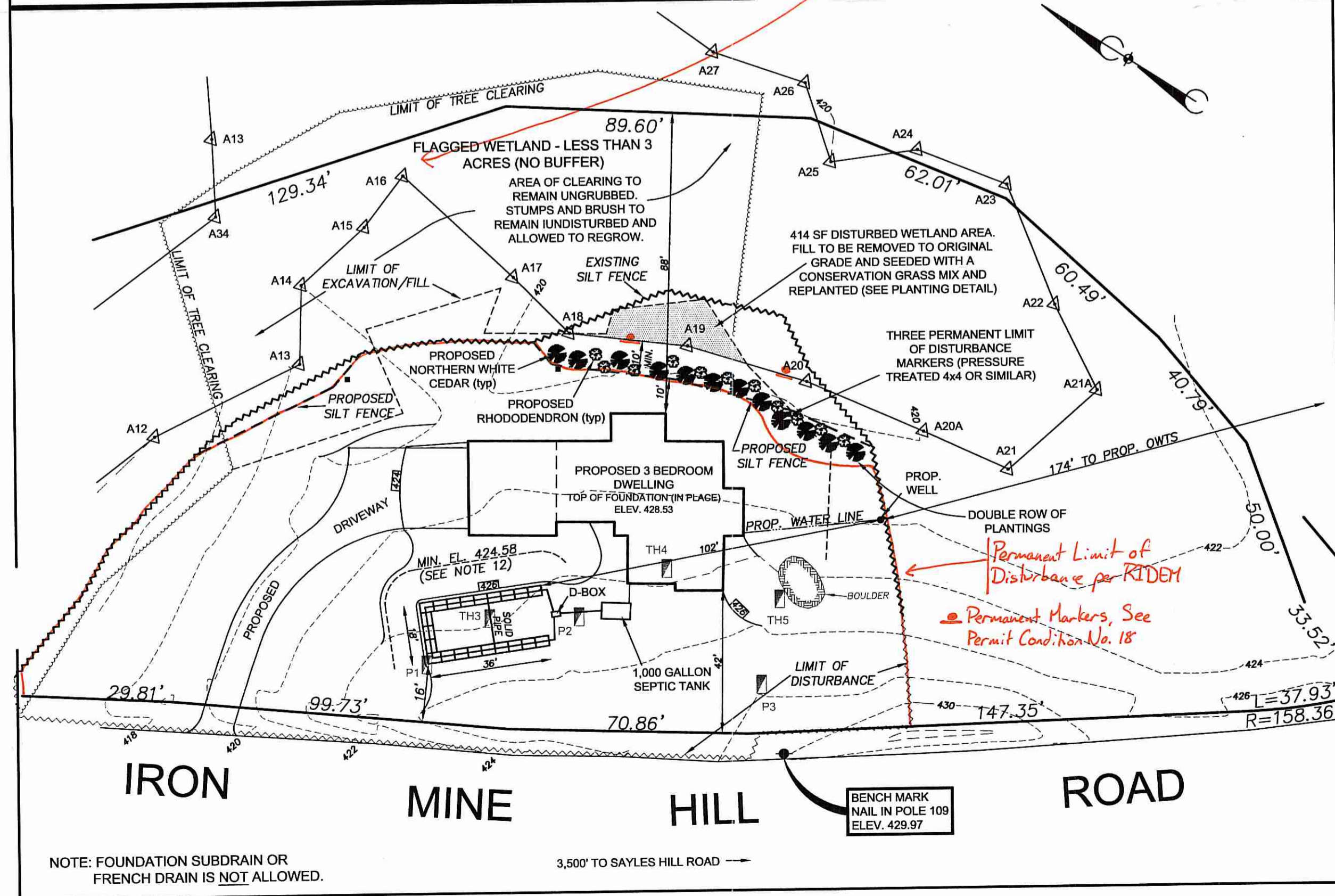
MARC N. NYBERG
No. 1797
PROFESSIONAL LAND SURVEYOR

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 AND SCH. 40 UNDER DRIVEWAY AS SHOWN.
 - 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.: 424.58.
 - 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: 1/18/12

TH3	0"-4" A, SIL, 10YR 3/0
	4"-30" Bw, SL, 10YR 4/6
	30"-72" C, ST, CB, G, MS 5YR 5/3
	ESHWT: 48"
	LEDGE 72"
TH4	0"-4" A, SIL, 10YR 3/0
	4"-30" Bw, SL, 10YR 4/6
	30"-84" C, ST, CB, G, MS 5YR 5/3
	84"-96" C2, ST, CB, G, MS 5YR 5/3
	ESHWT: 48"
	LEDGE 96"
TH5	0"-4" A, SIL, 10YR 3/0
	4"-30" Bw, SL, 10YR 4/6
	30"-96" C, ST, CB, G, MS 5YR 5/3
	ESHWT: 48"
	LEDGE 96"

DESIGN DATA

SOIL CATEGORY: 4
DESIGN LOADING RATE: 0.61
FIELD SIZE: ELJENS, TWO LINES
21 TOTAL ELJEN UNITS
588 SQUARE FEET

LEDGE PROBES

P1	- 132" ELEV. 413.7
P2	- 76" ELEV. 418.4
P3	- 108" ELEV. 418.5

