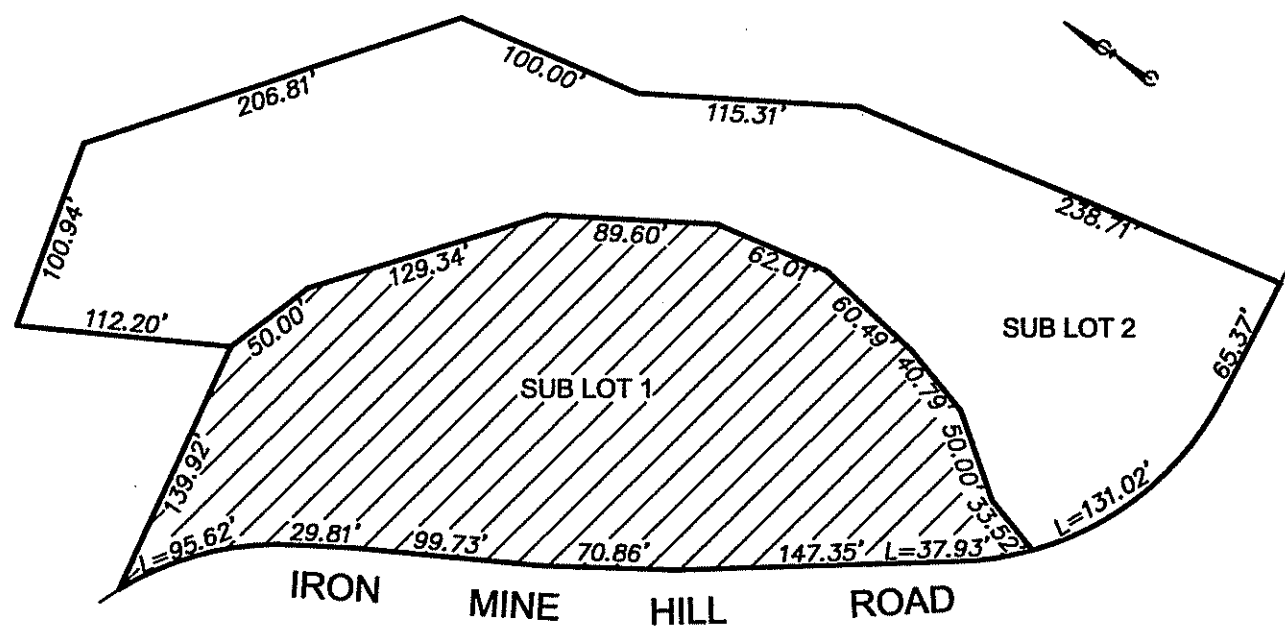
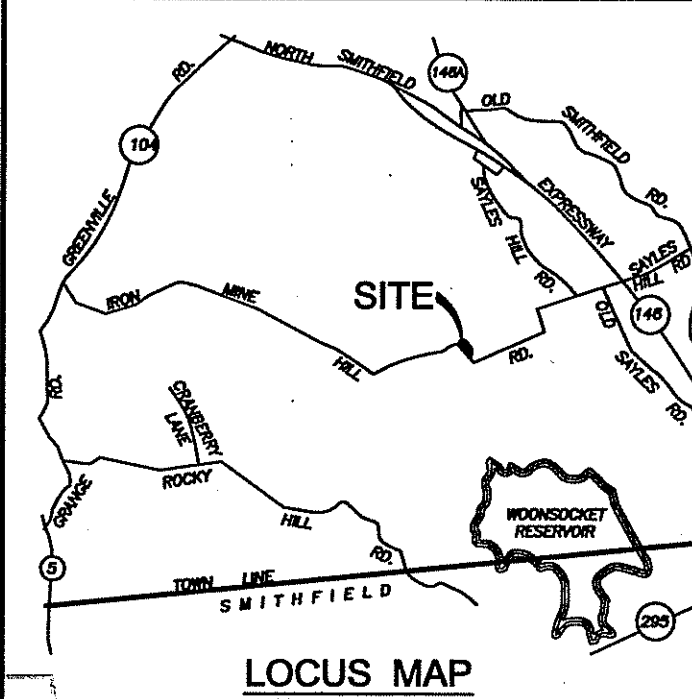
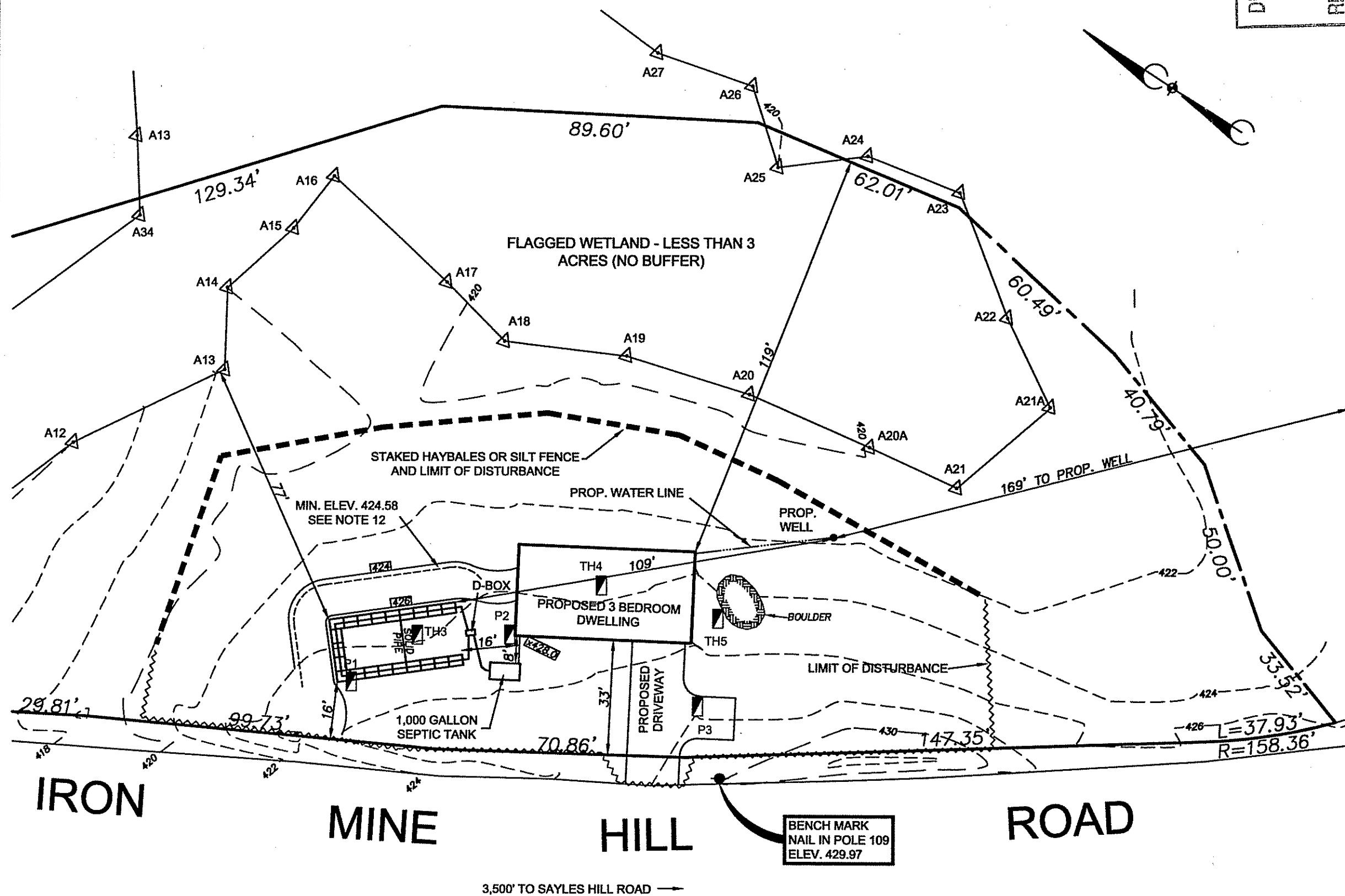


SITE BEING PART OF A TWO LOT SUBDIVISION



LOCUS MAP
SCALE: 1" = 100'

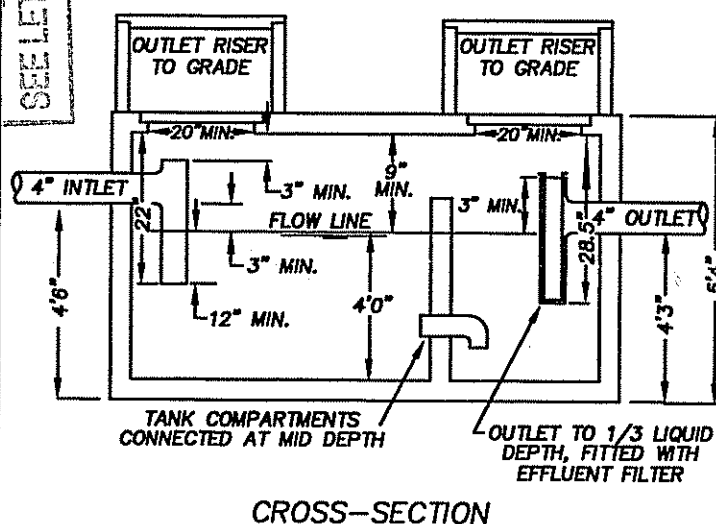
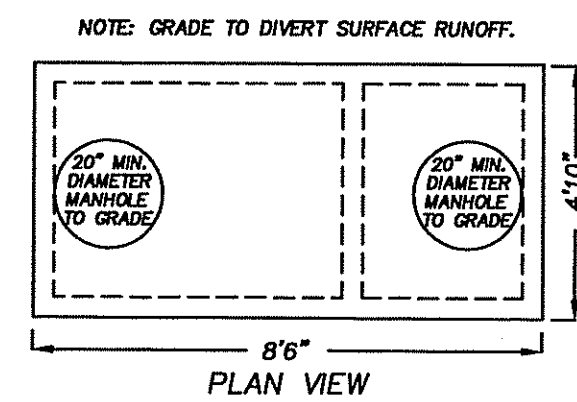
NOTE: FOUNDATION SUBDRAIN OR FRENCH DRAIN IS NOT ALLOWED.



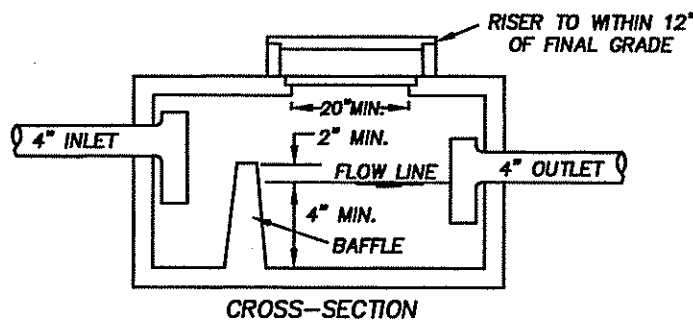
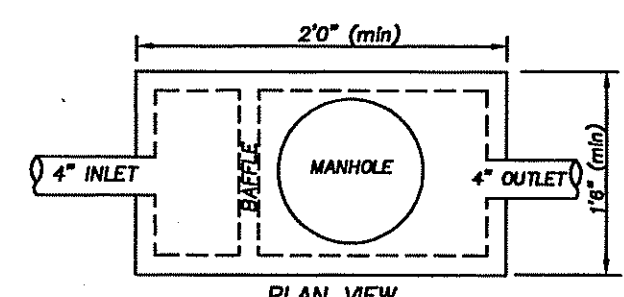
LOCUS MAP
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 12-0105
 DATED JUL 23 2012
 SEE LETTER OF SAME DATE.

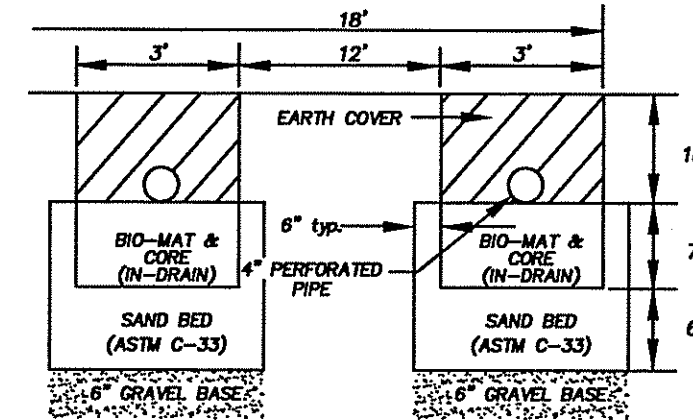
1,000 GALLON TWO COMPARTMENT H-20 SEPTIC TANK
NOT TO SCALE



DISTRIBUTION BOX (D-BOX)
NOT TO SCALE



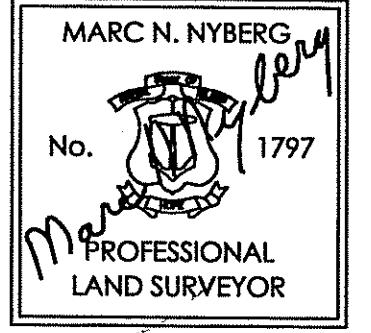
LEACHING SYSTEM CROSS-SECTION
NOT TO SCALE



PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM for
THE ESTATE OF JOHN & NELLA CLIFFORD
NORTH SMITHFIELD, RHODE ISLAND
APRIL, 2012 SCALE 1" = 30'

REVISED: JUNE 4, 2012
ASSESSOR'S PLAT 17, LOT 8, SUBLOT 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 JUN 21 2012



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

SYSTEM PROFILE
NOT TO SCALE

