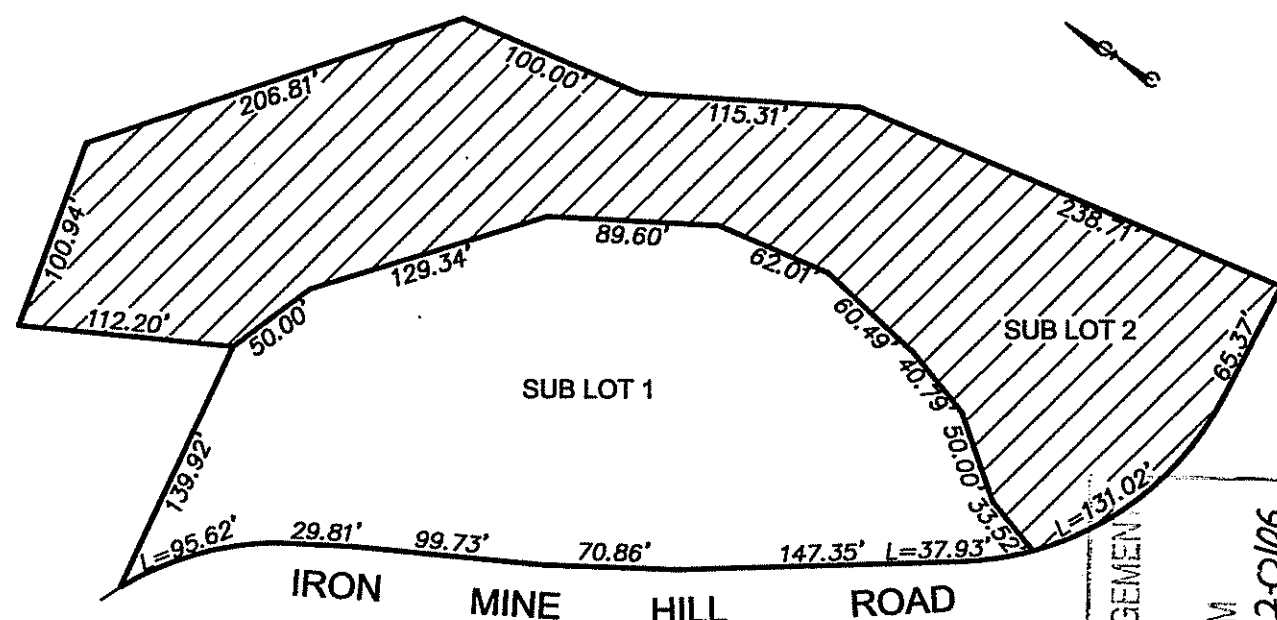
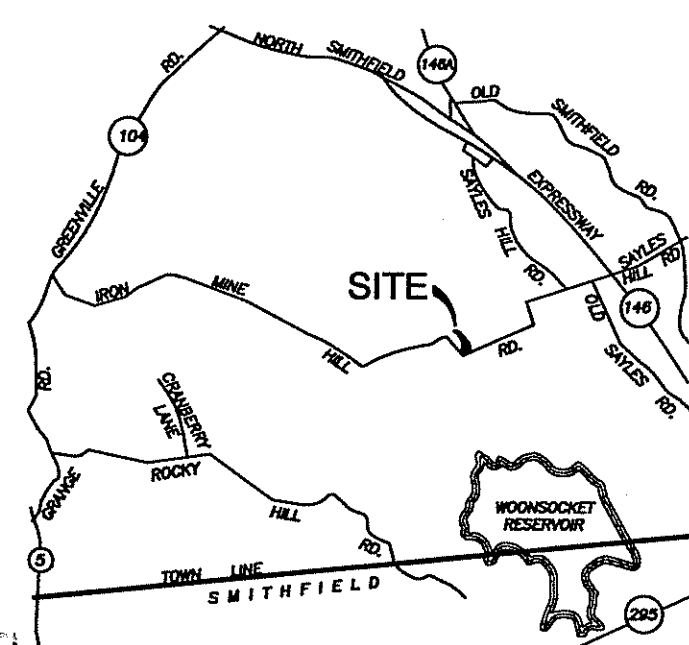


SITE BEING PART OF A TWO LOT SUBDIVISION



LOCUS MAP
SCALE: 1" = 100"



LOCUS MAP
NOT TO SCALE

PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM for THE ESTATE OF JOHN & NELLA CLIFFORD

NORTH SMITHFIELD, RHODE ISLAND
MAY, 2012 SCALE 1" = 30'

REVISED: JUNE 4, 2012

ASSESSOR'S PLAT 17, LOT 8, SUBLOT 2, AREA: 69,411 SF

BENCH MARK: NAIL IN POLE 112, ELEVATION 429.09

LEACHING SYSTEM BY:

MARC N. NYBERG ASSOCIATES, INC.

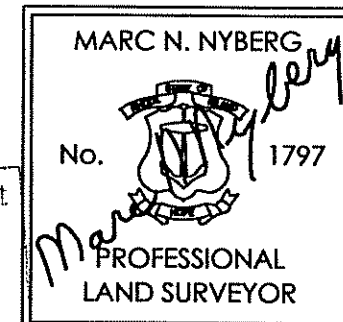
LAND SURVEYORS and PLANNERS

501 GREAT ROAD, UNIT 104

NORTH SMITHFIELD, RHODE ISLAND 02896

TEL: (401) 762-2870

FAX: (401) 762-2871



JUN 21 2012

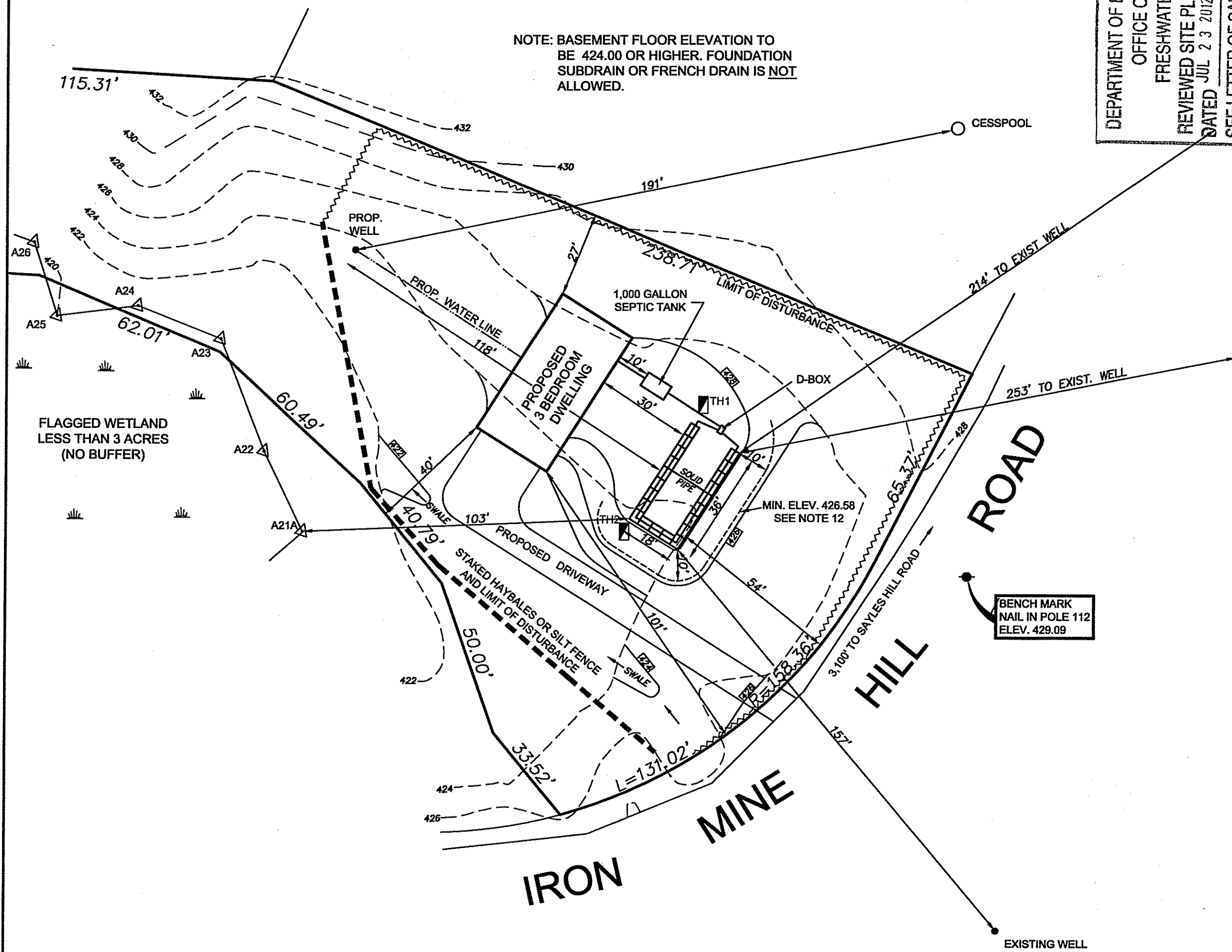
THIS SURVEY AND PLAN CONFORM TO CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

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. 426.58.
- 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.

NOTE: BASEMENT FLOOR ELEVATION TO BE 424.00 OR HIGHER. FOUNDATION SUBDRAIN OR FRENCH DRAIN IS NOT ALLOWED.

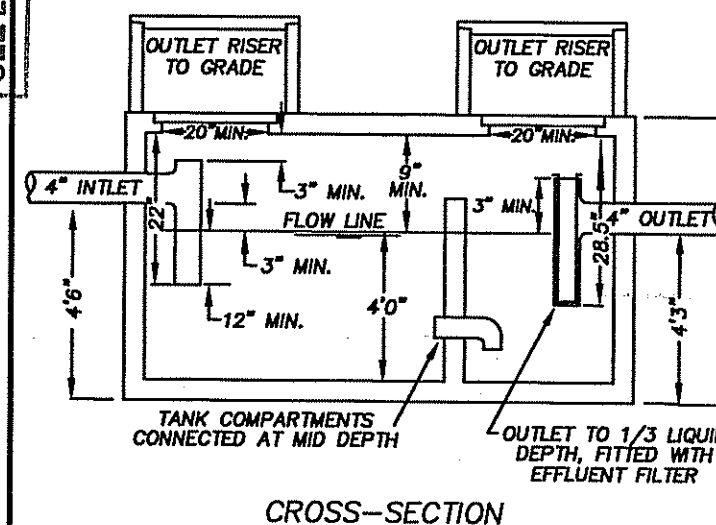
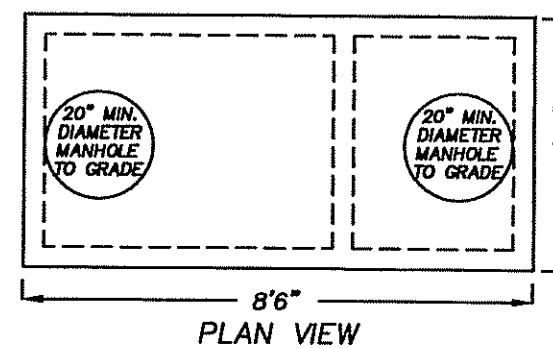


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO. 12-0106
DATED JUL 23 2012
SEE LETTER OF SAME DATE.

1,000 GALLON TWO COMPARTMENT H-20 SEPTIC TANK

NOT TO SCALE

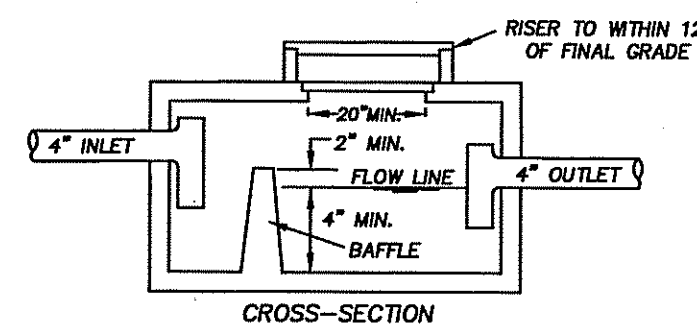
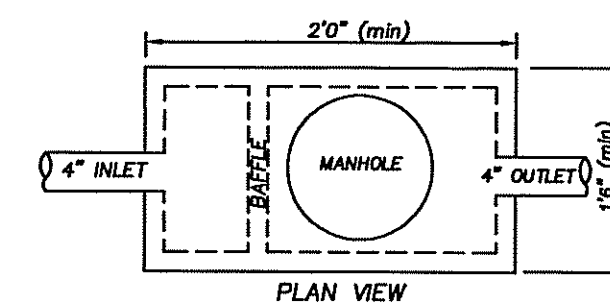
NOTE: GRADE TO DIVERT SURFACE RUNOFF.



CROSS-SECTION

DISTRIBUTION BOX (D-BOX)

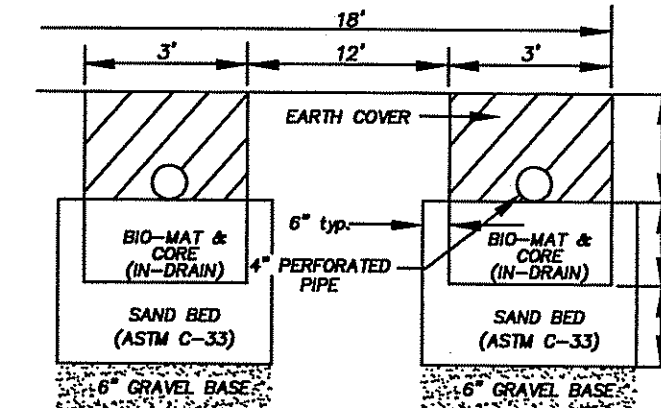
NOT TO SCALE



CROSS-SECTION

LEACHING SYSTEM CROSS-SECTION

NOT TO SCALE



TEST HOLE DATA

DATE: 1/18/12

TH1
0"-8" A, SIL, 10YR 3/4
8"-20" Bw, SL, 10YR 4/6
20"-48" C, CB, G, COS 2.5YR 4/4
48"-120" C2, ST, CB, G, MS 5YR 5/3
ESHW: 24"
NO LEDGE 120"

TH2
0"-10" A, SIL, 10YR 3/4
10"-36" Bw, SL, 10YR 4/6
36"-140" C, ST, CB, G, MS 5YR 5/3
ESHW: 24"
NO LEDGE 140"

DESIGN DATA

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

SYSTEM PROFILE

NOT TO SCALE

