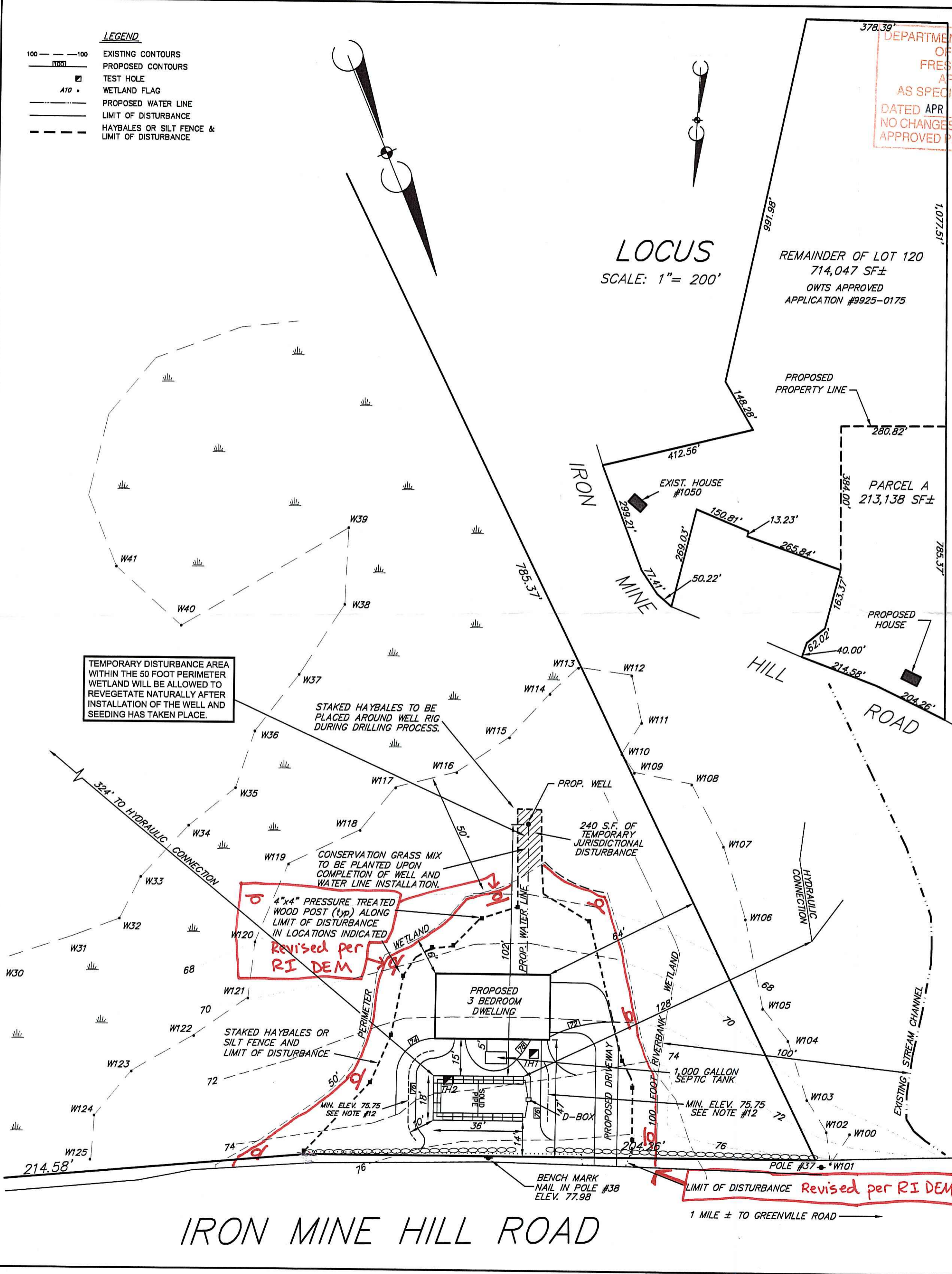
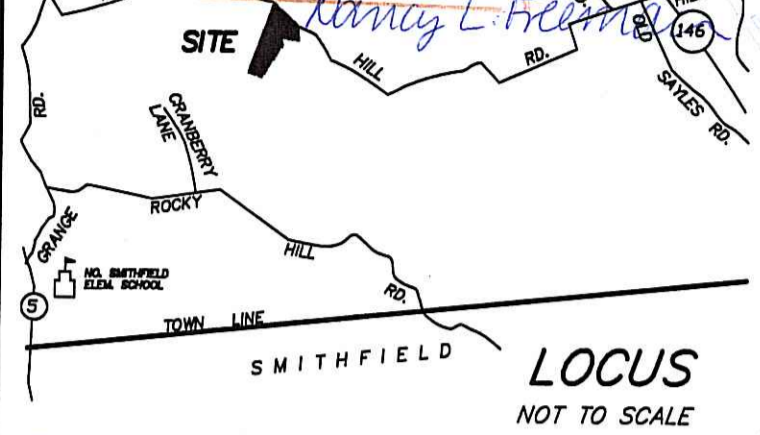


- LEGEND**
- 100 --- 100 EXISTING CONTOURS
 - 1000 --- PROPOSED CONTOURS
 - TEST HOLE
 - ▲ WETLAND FLAG
 - PROPOSED WATER LINE
 - LIMIT OF DISTURBANCE
 - HAYBALES OR SILT FENCE & LIMIT OF DISTURBANCE

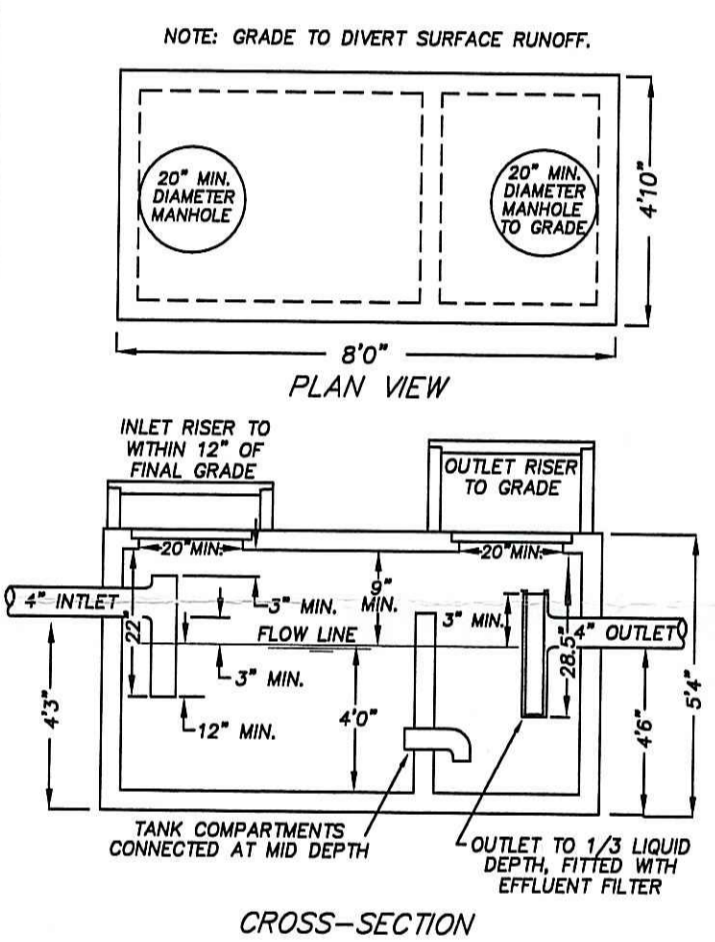


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 12 2010 FILE # 09-0106
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

MARC N. NYBERG
PROFESSIONAL LAND SURVEYOR



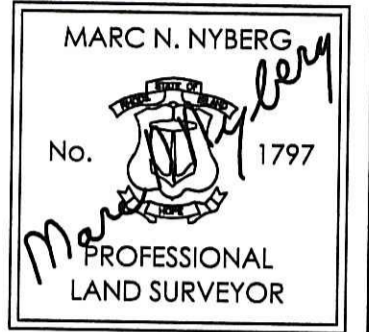
1,000 GALLON TWO COMPARTMENT SEPTIC TANK
NOT TO SCALE



PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM and WETLANDS PLAN FOR TIMOTHY COULOMBE
IRON MINE HILL ROAD
NORTH SMITHFIELD, RHODE ISLAND
DATE: MARCH, 2009 SCALE: 1" = 30'

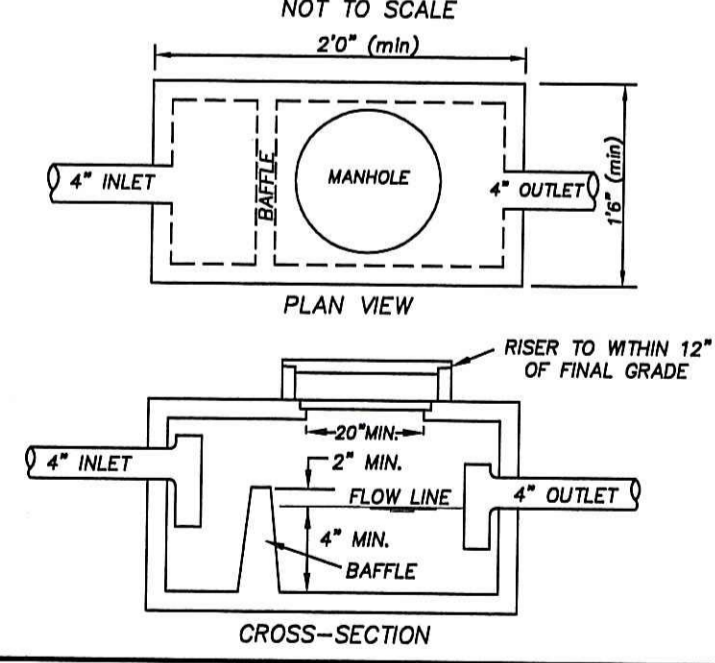
REVISED: FEBRUARY 8, 2010
ASSESSOR'S PLAT #16, PART OF LOT #120
PARCEL A, LOT AREA: 213,138 SF±
BENCH MARK: NAIL IN POLE #38, ELEVATION 77.98

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

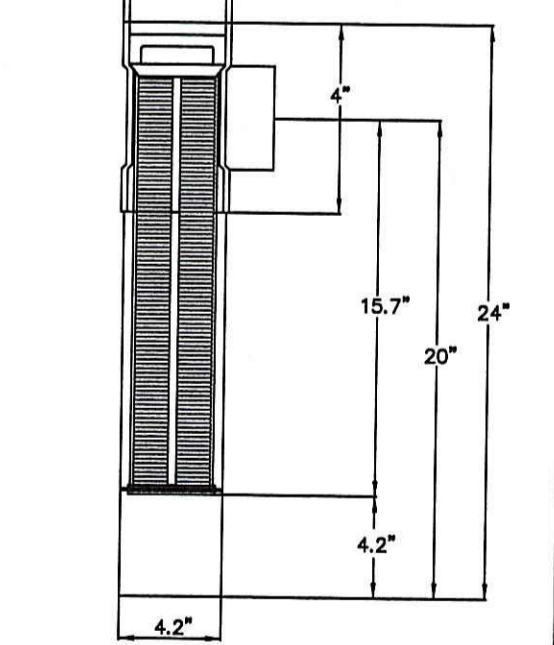


- 1) LEACHING TRENCHES TO BE EXCAVATED IN ACCORDANCE WITH RIDEM REGULATION 32.9 FOR ONSITE WASTEWATER TREATMENT SYSTEMS. A 6 INCH GRAVEL BASE TO BE SET BELOW EACH TRENCH IN ACCORDANCE WITH REGULATION 32.12. TREES, BRUSH AND STUMPS WITHIN AND EXTENDING 10 FEET BEYOND LEACHFIELD TO BE REMOVED. THE LEACHFIELD 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 SCHEDULE 40 PVC PIPE UNDER DRIVEWAY AND SDR #35 PVC PIPING OR EQUIVALENT THROUGHOUT REST OF SYSTEM.
- 3) NO WELL EXISTS WITHIN 100' OF THE PROPOSED LEACHING SYSTEM.
- 4) NO LEACHING SYSTEM EXISTS WITHIN 100' OF THE PROPOSED WELL.
- 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 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.: 75.75.
- 13) COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
- 14) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
- 15) ZABEL EFFLUENT FILTER TO BE INSTALLED AT SEPTIC TANK OUTLET.
- 16) WASHING MACHINE LINT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELJEN SYSTEM.
- 17) SITE IS NOT LOCATED WITHIN ANY FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP NUMBER 44007C0160G DATED MARCH 2, 2009. THE PROBABILITY OF FLOODING OF THIS SITE IS UNLIKELY.

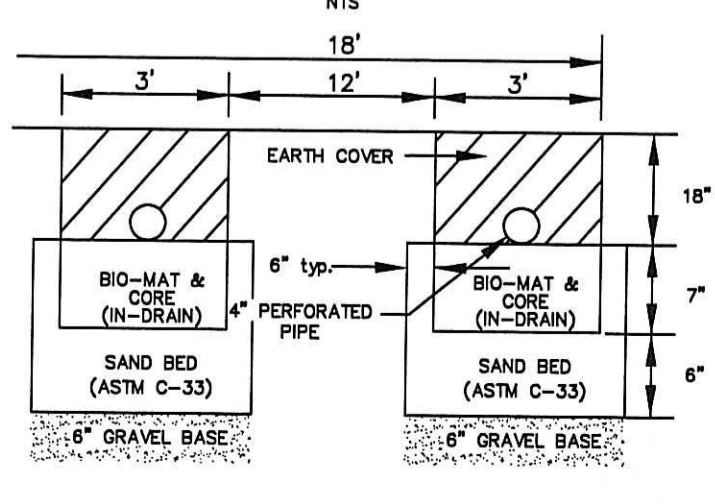
DISTRIBUTION BOX (D-BOX)
NOT TO SCALE



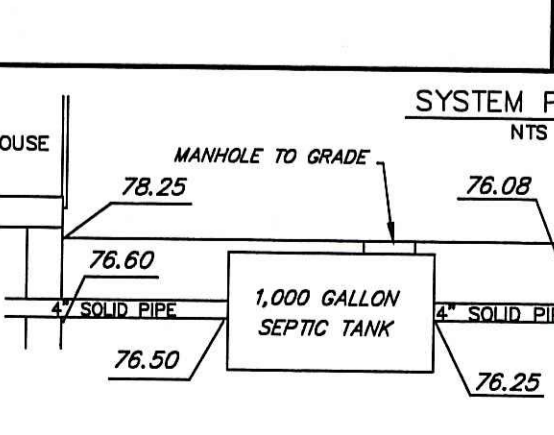
TEST HOLE DATA
DATE: 7/19/05



LEACHING SYSTEM CROSS-SECTION
NTS



ZABEL STANDARD FILTER MODEL #A1800
NOT TO SCALE



DESIGN DATA

SOIL CATEGORY: 4
DESIGN LOADING RATE: 0.61
SYSTEM SIZE: ELJENS, 2 LINES
21 ELJEN UNITS
588 SQUARE FEET