

SURVEY NOTE:

BASE LINE DATA OBTAINED BY ONSITE SURVEY.
PROPERTY LINE AND TOPOGRAPHICAL DATA CONFORM TO CLASS II & III
STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION
FOR PROFESSIONAL LAND SURVEYORS BY LEDDY SURVEYING

LEGEND

- EX. CONTOUR
- ZONE SETBACK
- ADJUTER PROPERTY LINE
- OWNER PROPERTY LINE
- PROPOSED CONTOUR
- 270
- WET SEASON EVALUATION
- PERCOLATION TEST
- LEDGE PROBES
- WETLAND FLAG

DESIGN CALCULATION

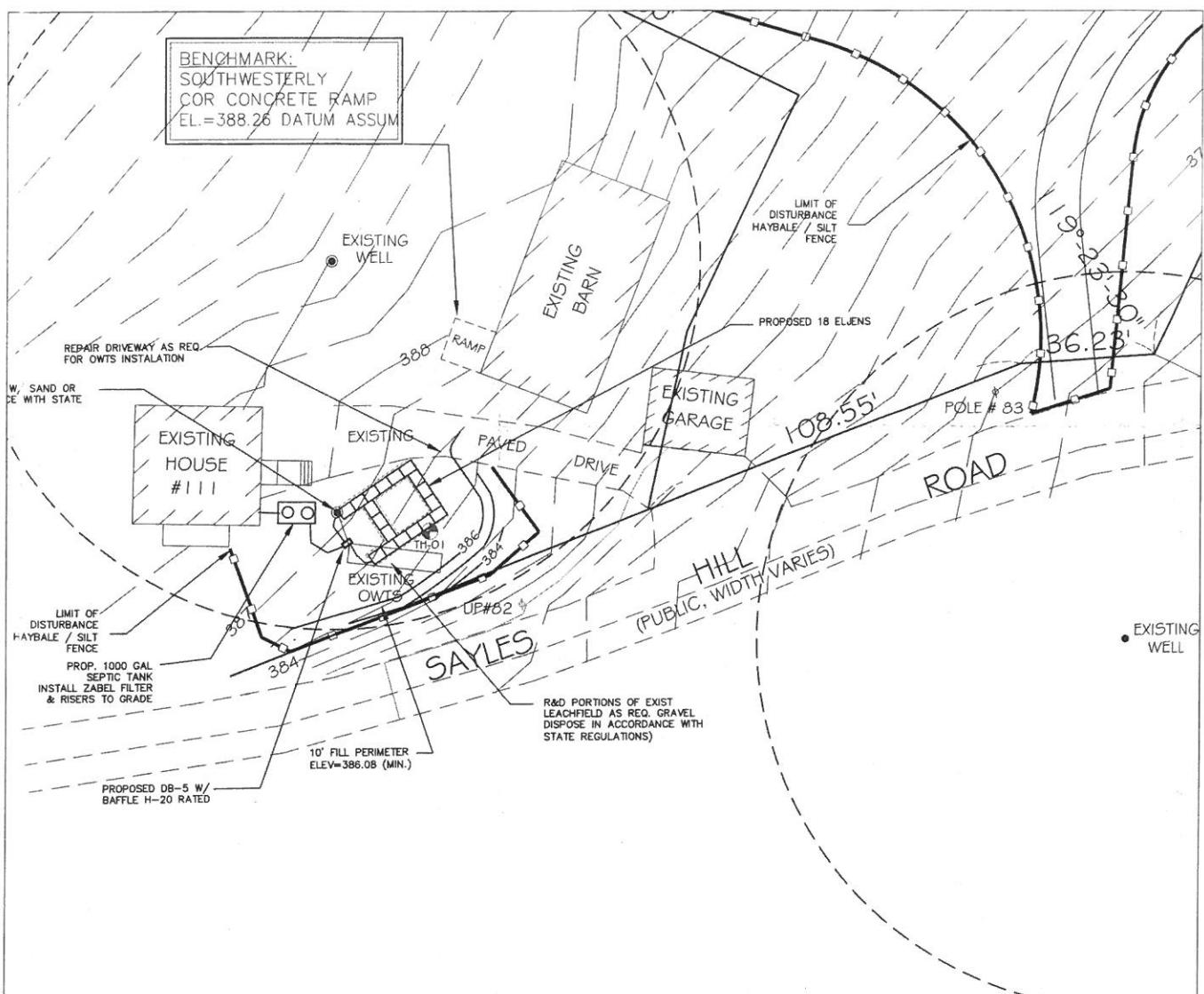
- 2 BEDROOMS X 115 GALLONS PER BEDDAY = 230 GALLONS PER DAY
SOIL CAT 6 = 0.46 GALLS/F.DAY
- 230 GPD / 0.46 GALLS/F.DAY = 500 S.F. LEACHING AREA REQUIRED
- 500 S.F. / 26 S.F. PER ELJEN UNIT = 18 ELJENS REQ'D
- TOTAL AREA PROVIDED = 504 S.F. > 500 S.F.

OWTS NOTES:

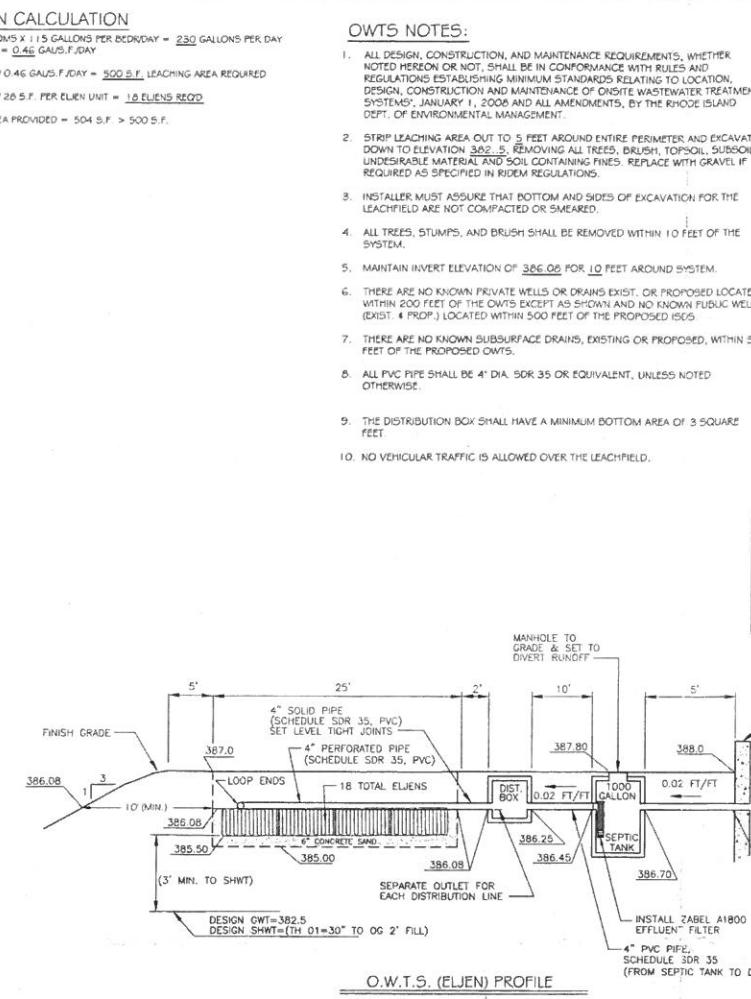
1. ALL DESIGN, CONSTRUCTION, AND MAINTENANCE REQUIREMENTS, WHETHER NOTED HERON OR NOT, SHALL BE IN CONFORMANCE WITH RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS, JANUARY 1, 2006 AND ALL AMENDMENTS, BY THE RHODE ISLAND DEPT. OF ENVIRONMENTAL MANAGEMENT.
2. STRIP LEACHING AREA CUT TO 5 FEET AROUND ENTIRE PERIMETER AND EXCAVATE DOWN TO ELEVATION 382.5', REMOVING ALL TREES, BRUSH, TOPSOIL, SUBSOIL, UNDESIRABLE MATERIAL AND SOIL CONTAINING FINES. REPLACE WITH GRAVEL IF REQUIRED AS SPECIFIED IN RIEM REGULATIONS.
3. INSTALLER MUST ASSURE THAT BOTTOM AND SIDES OF EXCAVATION FOR THE LEACHFIELD ARE NOT COMPACTED OR SMERED.
4. ALL TREES, STUMPS, AND BRUSH SHALL BE REMOVED WITHIN 10 FEET OF THE SYSTEM.
5. MAINTAIN INVERT ELEVATION OF 386.06 FOR 10 FEET AROUND SYSTEM.
6. THERE ARE NO KNOWN PRIVATE WELLS OR DRAINS EXIST, OR PROPOSED LOCATED WITHIN 200 FEET OF THE OWTS EXCEPT AS SHOWN AND NO KNOWN PUBLIC WELLS (EXIST & PROP.) LOCATED WITHIN 500 FEET OF THE PROPOSED OWTS.
7. THERE ARE NO KNOWN SUBSURFACE DRAINS, EXISTING OR PROPOSED, WITHIN 50 FEET OF THE PROPOSED OWTS.
8. ALL PVC PIPE SHALL BE 4" DIA. SDR 35 OR EQUIVALENT, UNLESS NOTED OTHERWISE.
9. THE DISTRIBUTION BOX SHALL HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET.
10. NO VEHICULAR TRAFFIC IS ALLOWED OVER THE LEACHFIELD.



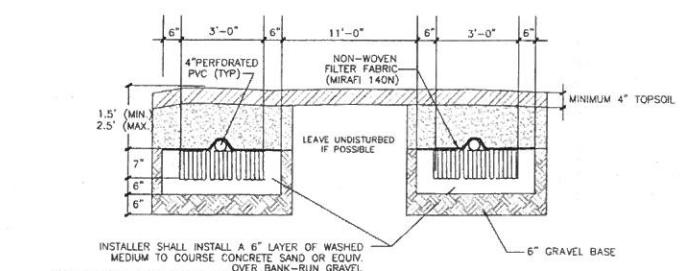
DEC 27 2011
Rhode Island Department of Environmental Management



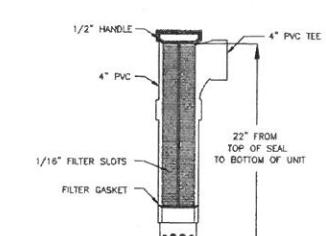
40 20 10 0 20 40
(IN FEET)
1 inch = 20 ft



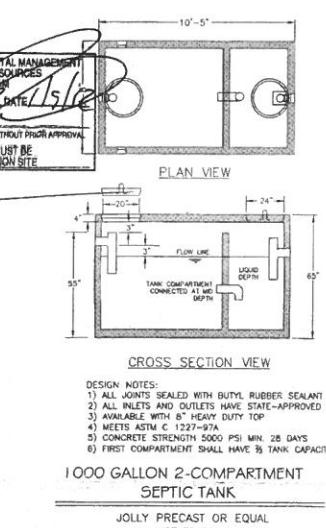
O.W.T.S. (ELJEN) PROFILE
NOT TO SCALE



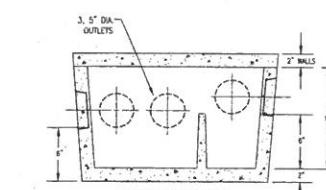
ELJEN "IN-DRAIN" CROSS SECTION
NOT TO SCALE



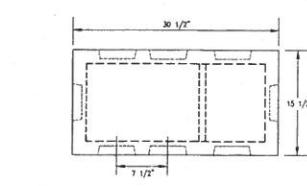
ZABEL A1800 EFFLUENT FILTER
NOT TO SCALE



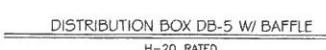
1000 GALLON 2-COMPARTMENT SEPTIC TANK
JOLLY PRECAST OR EQUAL
NOT TO SCALE



CROSS SECTION VIEW

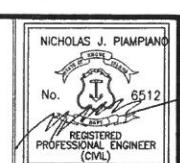


PLAN VIEW



DISTRIBUTION BOX DB-5 W/ BAFFLE
H-20 RATED
NOT TO SCALE

OWTS SITE PLAN & DETAILS
OWTS REPAIR
A.P. 17 LOT 127
#111 SAYLES HILL ROAD NORTH SMITHFIELD,
RI
PREPARED FOR:
JAMES CAREY
119 SAYLES HILL ROAD NORTH SMITHFIELD, RI 02896



DATE DECEMBER 15, 2011
SCALE AS NOTED
DESIGN/CHECK BY B.Y.C.S.R.
SHEET NO. 1

ADVANCED CIVIL DESIGN, INC.
CIVIL ENGINEERS

7 COUNTRYSIDE LANE
SCITUATE, RI 02867

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P2 (401) 473-4404

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