

RECEIVED
MAY 11 2016

PROPOSED ONSITE WASTEWATER TREATMENT SYSTEM & WETLANDS PLAN

for
BEVERLY JARRY
BURRILLVILLE, RHODE ISLAND
MARCH, 2016 SCALE 1"= 30'

REVISED: 4/28/16

ASSESSOR'S PLAT 99, LOT 1, LOT AREA: 2.41 Acres±

BENCH MARK: NAIL IN 14" OAK, ELEVATION 109.46

LEACHING SYSTEM BY:

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LAND SURVEYORS and PLANNERS
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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.
- 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.: 103.08.
- 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: 1/21/16

TH1
0"-4" A, SL, 7.5YR 3/2
4"-30" Bw, G, SL, 10YR 6/6
30"-84" C, CB, G, SL, 10YR 5/4
ESHW: 84"
LEDGE 84"

TH2
0"-4" A, SL, 7.5YR 3/2
4"-30" Bw, G, SL, 10YR 6/6
30"-86" C, CB, G, SL, 10YR 5/4
ESHW: 86"
LEDGE 86"

LEDGE DATA
P1 - 80"
P2 - 80"

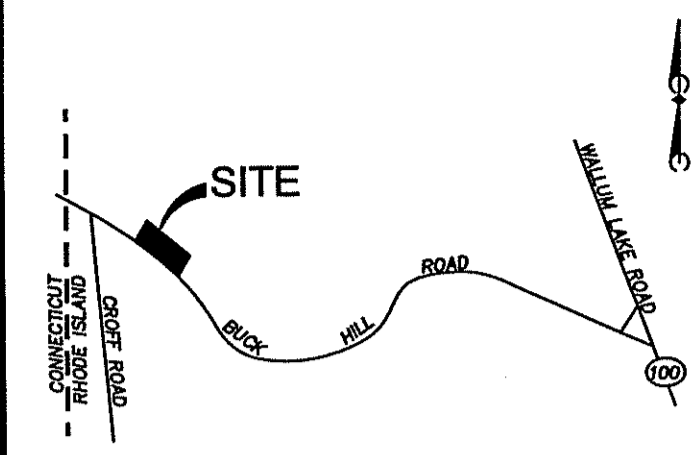
DESIGN DATA

SOIL CATEGORY: 6
DESIGN LOADING RATE: 0.61
FIELD SIZE: ELJENS, TWO LINES
21 TOTAL ELJEN UNITS
588 SQUARE FEET

OFFICE OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
OFFICE OF WETLANDS PROGRAM
SITE PLAN APPLICATION NO.: 16-0119

REVIEWED DATED JUN 14 2016
SEE LETTER OF SAME DATE

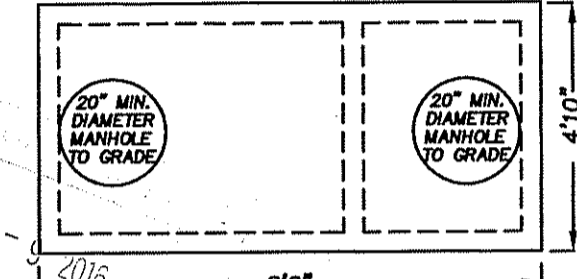
LEGEND
100 --- 100 EXISTING CONTOURS
100 --- 100 PROPOSED CONTOURS
1 [] TEST HOLE
- - - - STAKED HAYBALES OR SILT FENCE



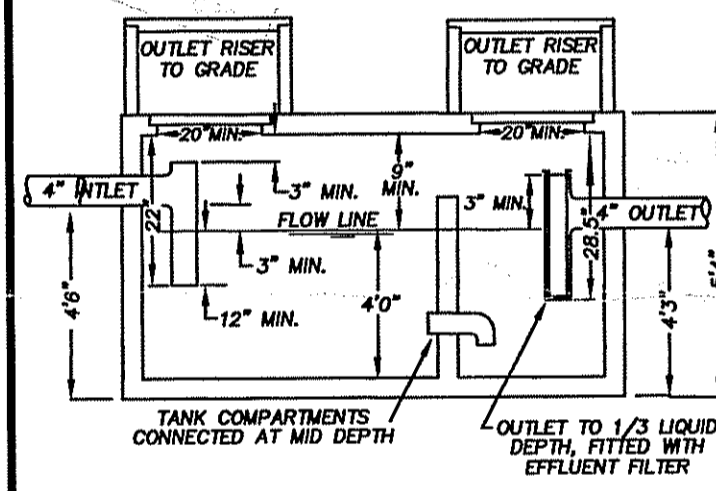
LOCUS MAP
NOT TO SCALE

1,000 GALLON TWO COMPARTMENT SEPTIC TANK
NOT TO SCALE

NOTE: GRADE TO DIVERT SURFACE RUNOFF.

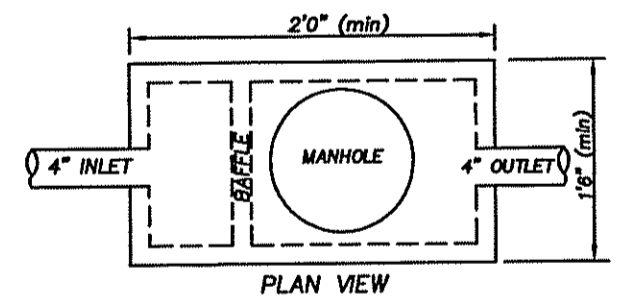


PLAN VIEW

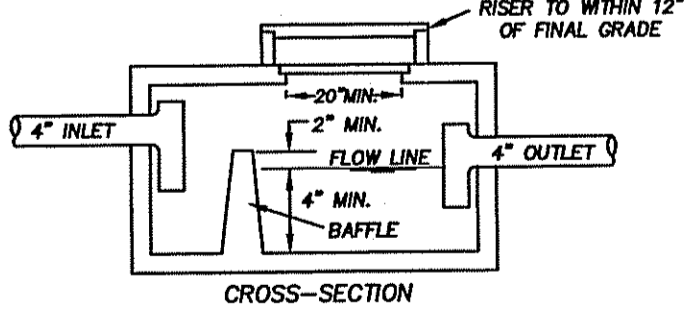


CROSS-SECTION

DISTRIBUTION BOX (D-BOX)
NOT TO SCALE

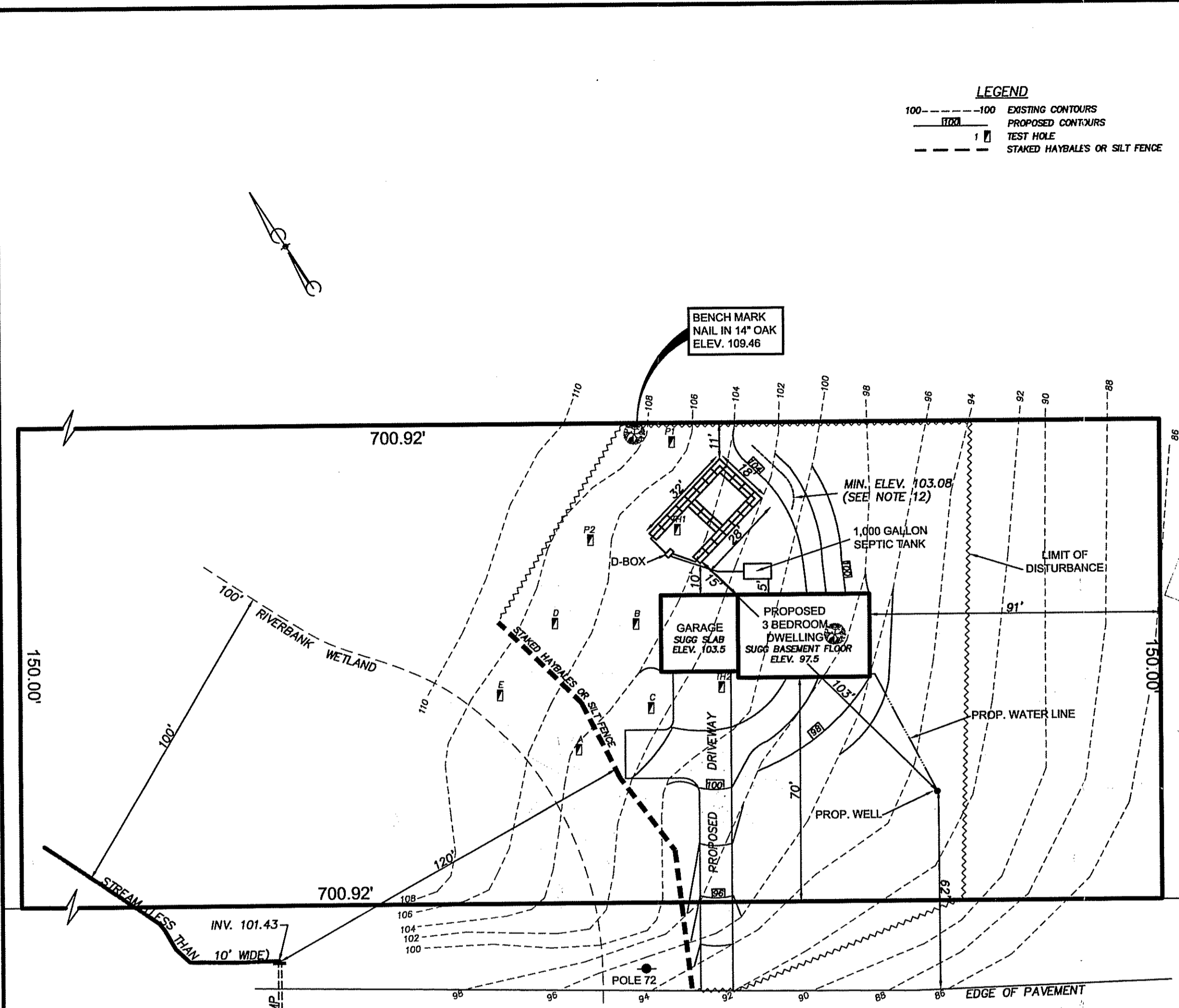
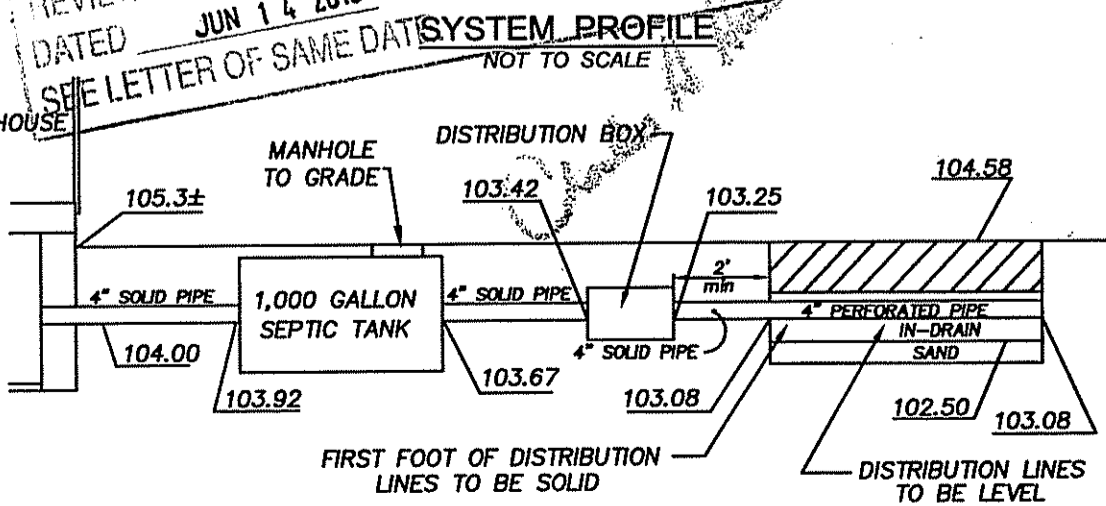
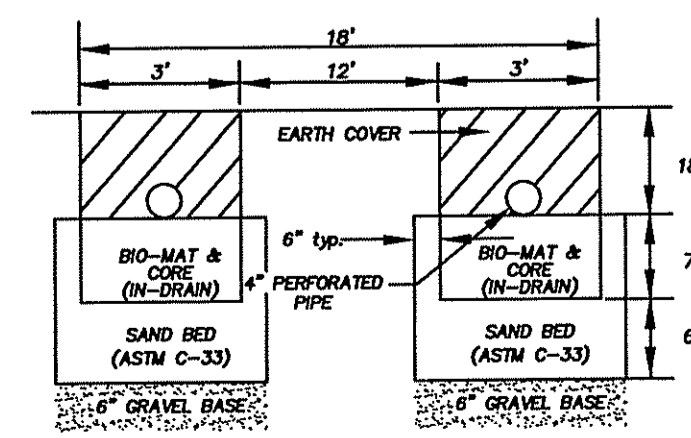


PLAN VIEW



CROSS-SECTION

LEACHING SYSTEM CROSS-SECTION
NOT TO SCALE



BUCK HILL ROAD

— 2,000± TO CROFF ROAD