

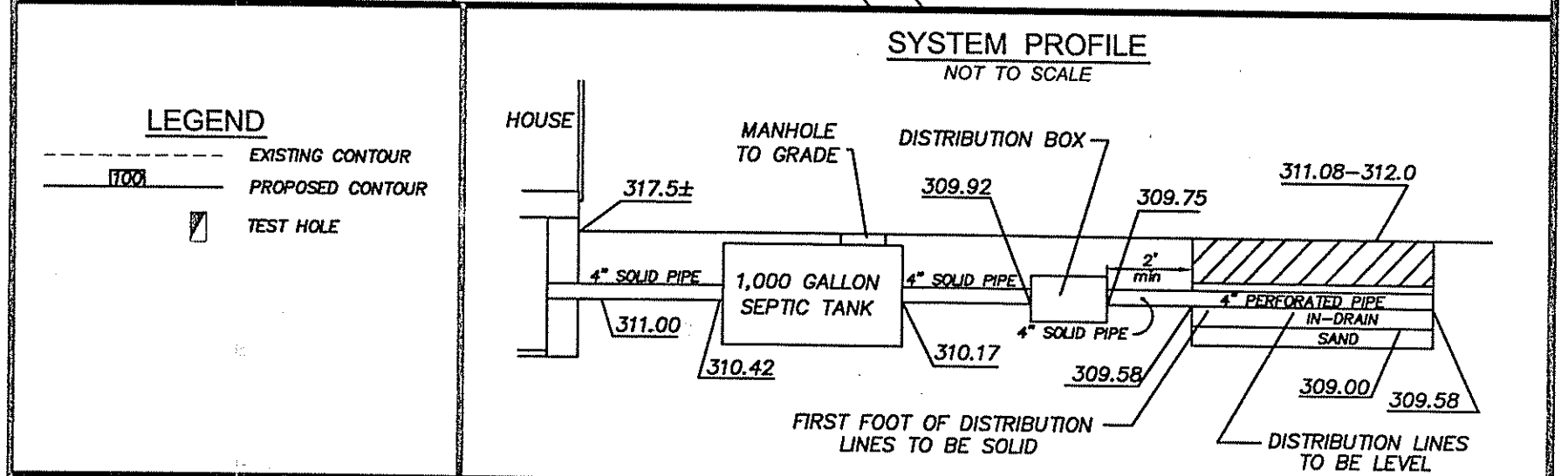
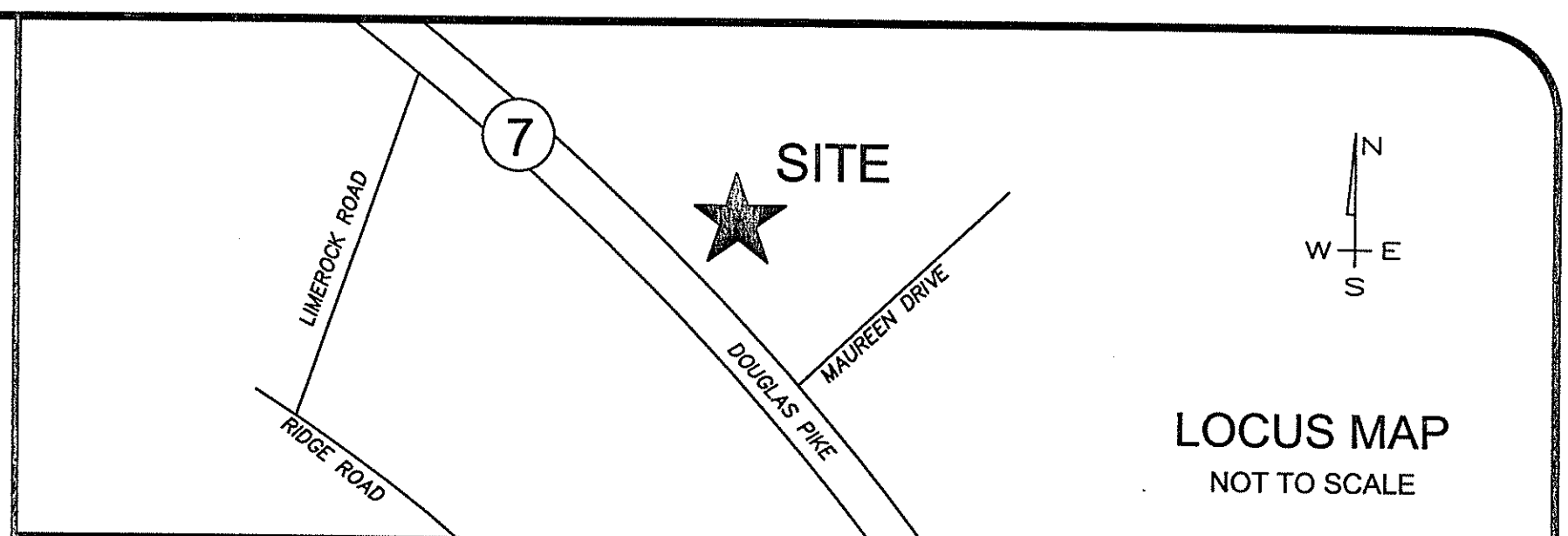
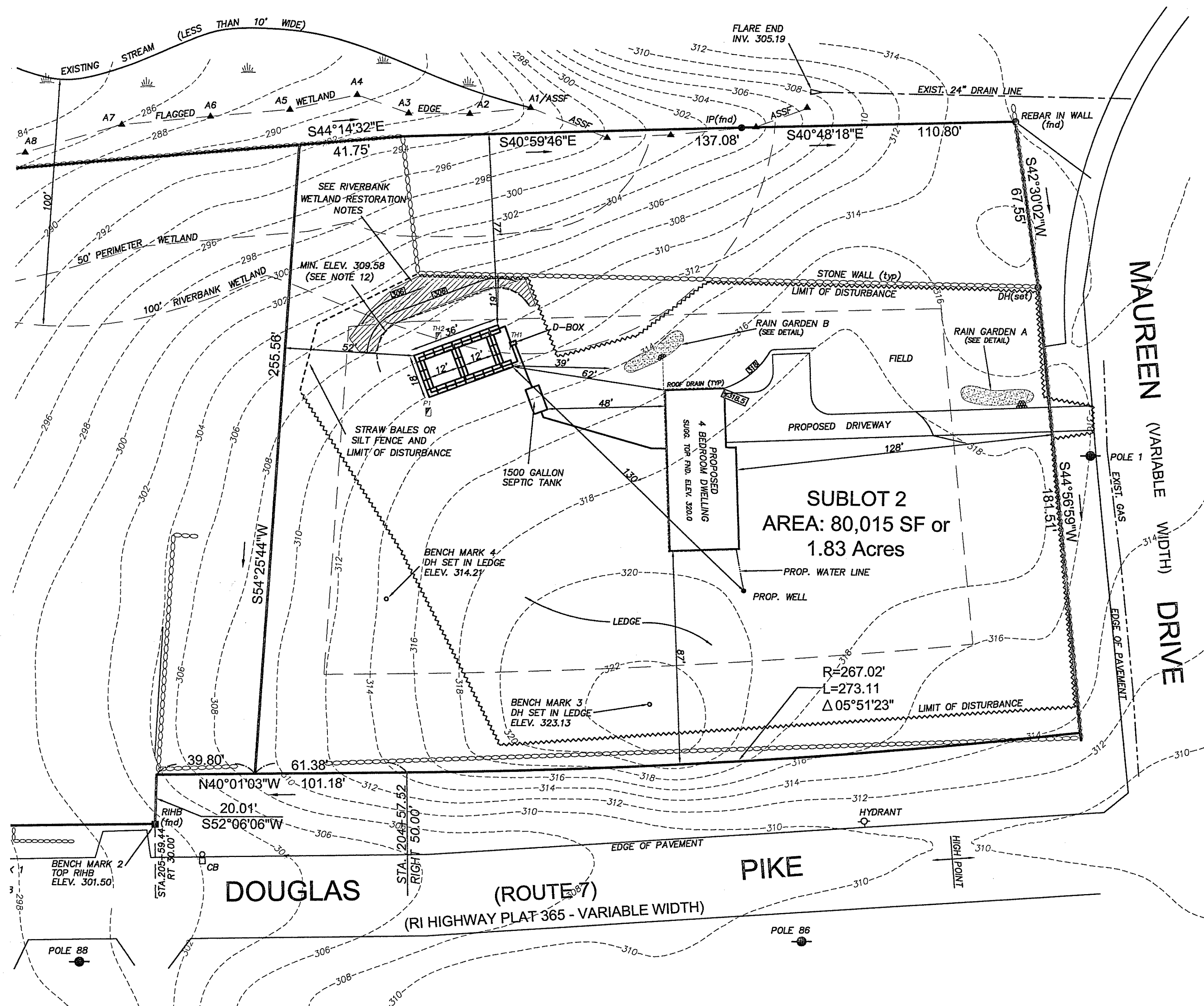
PLAT 45 LOT 80D
N/F MARK E. CLARK

GENERAL NOTES

- 1) STRAW BALES OR SILT FENCE TO BE INSTALLED PRIOR TO START OF CONSTRUCTION. OWNER TO INSPECT AND REPAIR OR REPLACE AS NECESSARY
- 2) STRAW BALES OR SILT FENCE TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND AREA HAS STABILIZED.

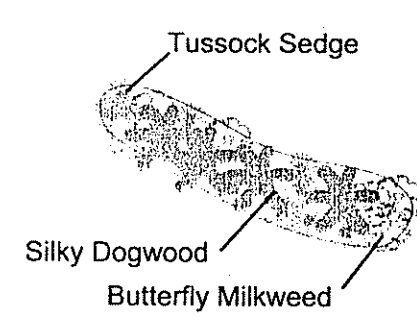
RIVERBANK WETLAND RESTORATION NOTES

- 1) UPON COMPLETION OF THE OWTS INSTALLATION THE DESIGNATED RESTORATION AREA SHALL BE LOAMED AND SEEDED WITH A CONSERVATION GRASS MIXTURE.
- 2) SHRUB PLANTINGS TSHALL BE INSTALLED AS FOLLOWS:
 10 ARROWWOOD (*Viburnum dentatum*)
 10 LOWBUSH BLUEBERRY (*Vaccinium angustifolium*)
 10 HUCKLEBERRY (*Gaylussacia frondosa*)
 THOSE SHRUBS SHALL BE 2-3 FEET HIGH AND SPACED 6 FEET ON-CENTER THROUGHOUT THE RESTORATION.
- 3) THE SHRUB PLANTINGS SHALL BE WATERED THROUGHOUT THE FIRST GROWING SEASON TO ENSURE SURVIVAL.

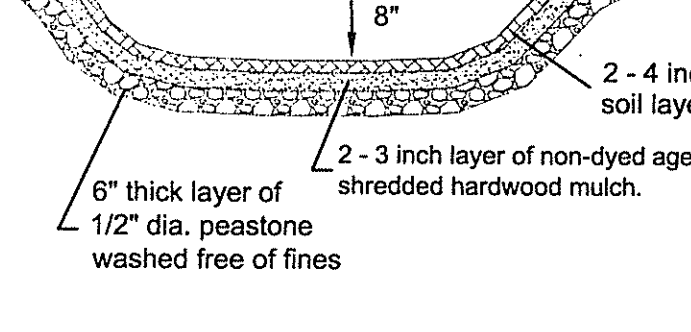


- GENERAL OWTS NOTES**
- 1) LEACHING TRENCHES TO BE EXCAVATED IN ACCORDANCE WITH RIDGE OWTS REGULATION 32.9. A 6 INCH GRAVEL BASE TO BE SET BELOW EACH TRENCH IN ACCORDANCE WITH REGULATION 32.12. TREES, BRUSH AND STUMPS WITHIN AND EXTENDING 10 FEET BEYOND LEACHFIELD TO BE REMOVED. THE LEACHFIELD AND 5 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 WELLS EXIST 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 OWTS. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE OWTS 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' UP GRADIENT OR SIDE GRADIENT 50' DOWNGRADIENT OF THE LEACHING SYSTEM.
 - 12) 10' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV. 309.58
 - 13) COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
 - 14) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
 - 15) WASHING MACHINE LIMIT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELJEN SYSTEM.
 - 16) THIS LOT IS PART OF A SUBDIVISION.

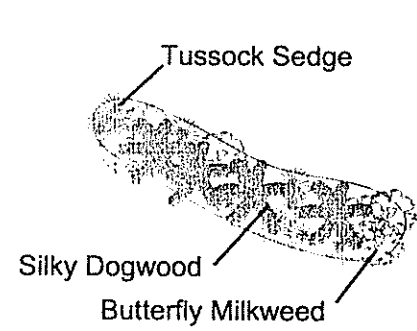
**RAIN GARDEN A
PLANTING DETAIL
NOT TO SCALE**
AREA: 168 SF
42 PLANTS



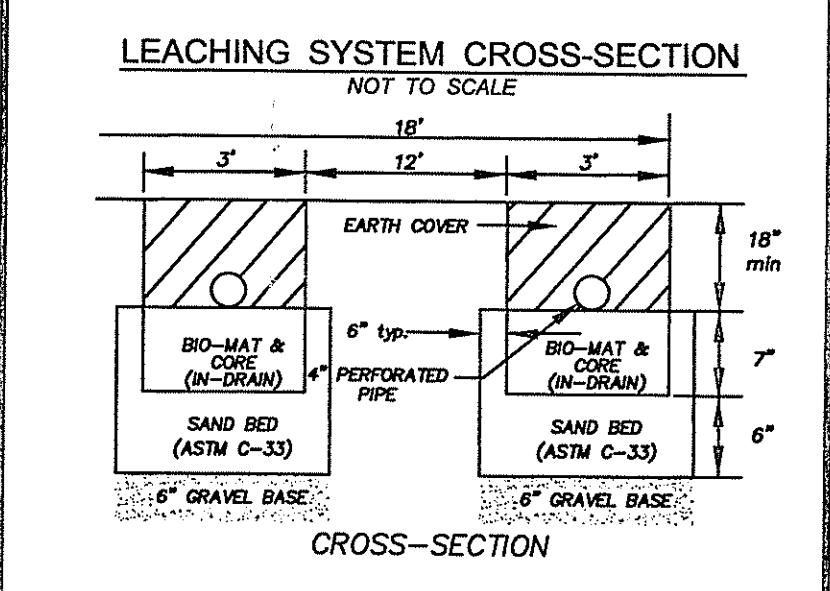
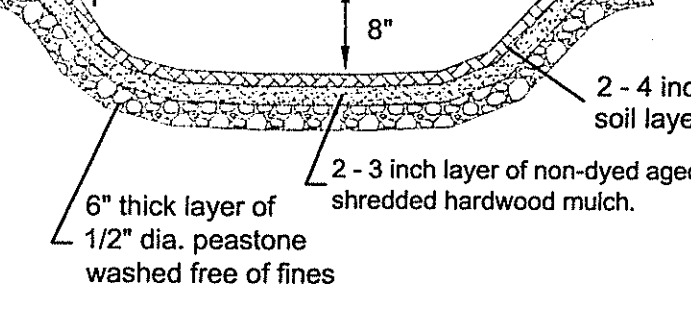
**RAIN GARDEN CROSS-SECTION
NOT TO SCALE**



**RAIN GARDEN B
PLANTING DETAIL
NOT TO SCALE**
AREA: 144 SF
36 PLANTS



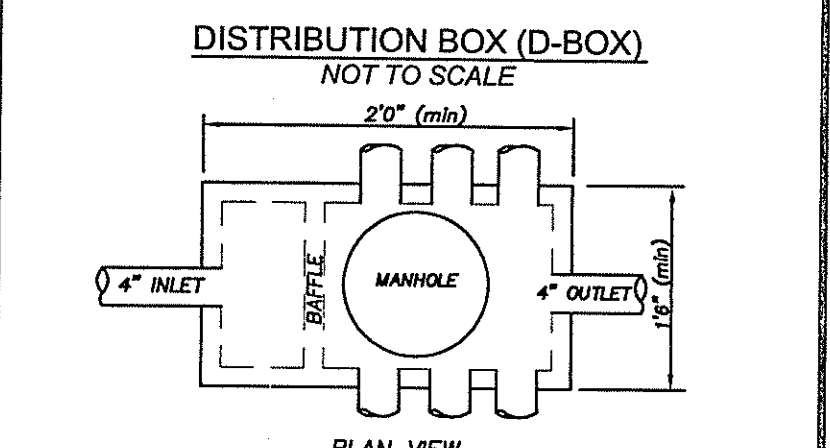
**RAIN GARDEN CROSS-SECTION
NOT TO SCALE**



TEST HOLE DATA
DATE: 2-6-18

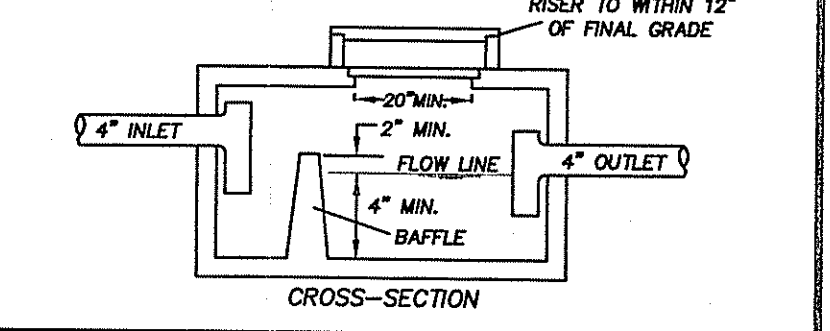
TH1	SOIL CATEGORY: 6
0'-6" AP, SL, 10YR 3/4	LOADING RATE: 0.61
6'-26" Bw, SL, 10YR 5/6	FIELD SIZE: ELJENS
26'-120" C, G, CB, LS 10YR 6/3	27 ELJENS
ESHWT 72"	756 SF
NO LEDGE AT 120"	

LEDGE PROBES
P1 - 120"

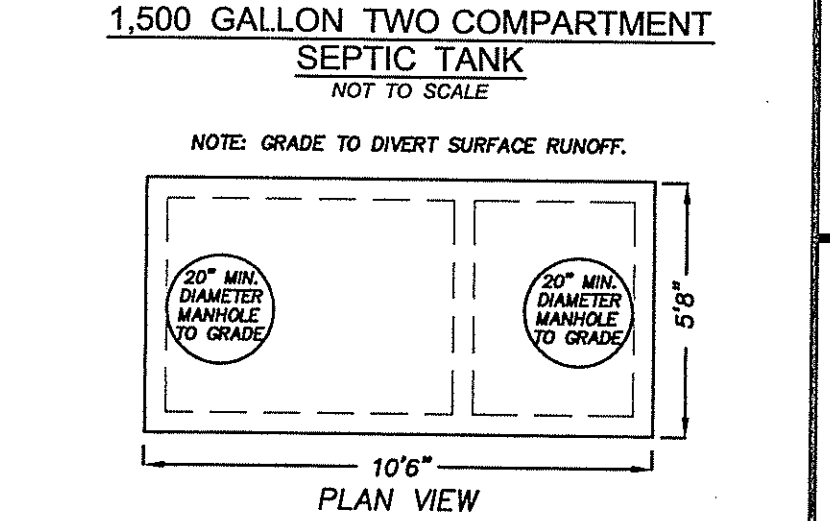


CERTIFICATION
THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 8 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 29, 2018, AS FOLLOWS:
LIMITED CONTENT BOUNDARY SURVEY; CLASS 1
TOPOGRAPHIC T-4
STATEMENT OF PURPOSE
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS AS FOLLOWS: PROPOSED HOUSE

BY: *Marc N. Nyberg*
MARC N. NYBERG License No. 1797 COA No. A52



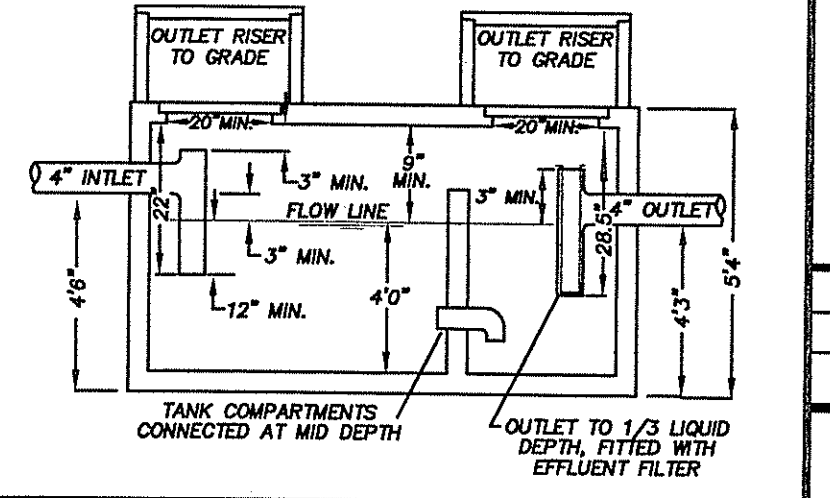
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WETLANDS PLAN
for
JAMIE HAINSWORTH
PLAT 45, LOT 81, SUBLOT 2
DOUGLAS PIKE & MAUREEN DRIVE
SMITHFIELD, RHODE ISLAND
MARCH, 2018
SCALE: 1 INCH EQUALS 30 FEET

GRAPHIC SCALE JUN 4 2018

No.	DESCRIPTION	DATE
1.	WETLAND INFO	3-28-18
2.	WETLAND COMMENTS	6-1-18



SHEET NUMBER	JOB NUMBER
1 of 1	15-157

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 06 2018 FILE # 18-0068
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Stephen D. Wenzel