

PROPOSED ONSITE WASTEWATER TREATMENT & WETLANDS PLAN for HURDER CORP.

GLOCESTER, RHODE ISLAND

MAY, 2016 SCALE 1"= 20'

REVISED: 8-5-16

ASSESSOR'S PLAT LW, LOT 204, AREA: 1.15 Acres±

BENCH MARK: TOP OF FOUNDATION, ELEVATION 100.37

LEACHING SYSTEM BY:

MARC N. NYBERG ASSOCIATES, INC.

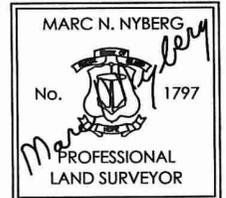
LAND SURVEYORS and PLANNERS

501 GREAT ROAD, UNIT 104

NORTH SMITHFIELD, RHODE ISLAND 02896

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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 EXCEPT AS SHOWN. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE ISDS.
- 6) NO UWS EXISTS WITHIN 100' OF THE PROPOSED WELL.
- 7) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
- 8) ENDS OF LINES IN TRENCH TO BE INTERCONNECTED.
- 9) WASHING MACHINE LINT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELJEN SYSTEM.
- 10) 10' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV.: 91.25.

TEST HOLE DATA

DATE: 10/28/15

TH1 - (ELEV. 90.1 on 10/28/15)
0"-84" FILL
84"-100" Ab, SL, 7.5YR 2.5/1
ESHW: 84" (0" FROM OG)
NO LEDGE: 84"

TH2 - (ELEV. 91.0 on 10/28/15)
0"-12" FILL
12"-15" Ab, SL, 7.5YR 3/1
15"-28" Bw, ST, CB, G, SL, 10YR 5/6
28"-64" C, G, SL, 10YR 5/2
ESHW: 64" (52" FROM OG)
LEDGE 64"

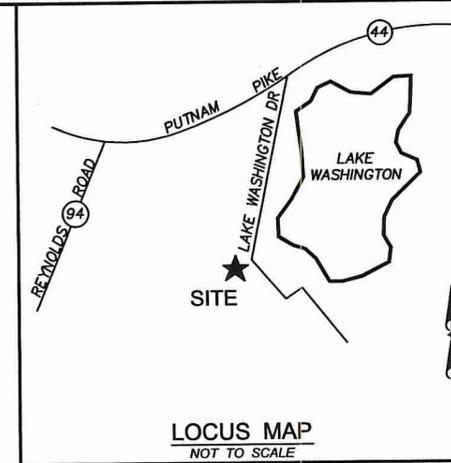
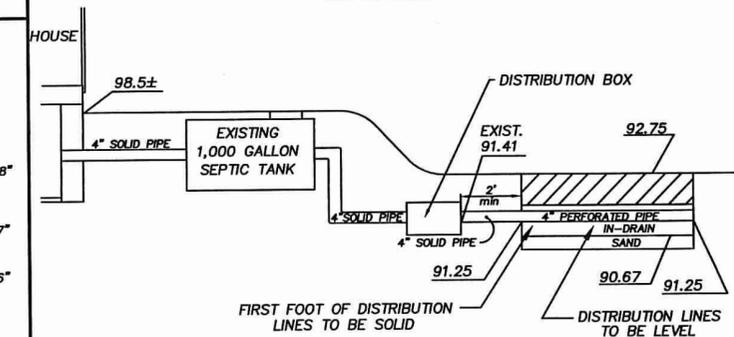
DESIGN DATA

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

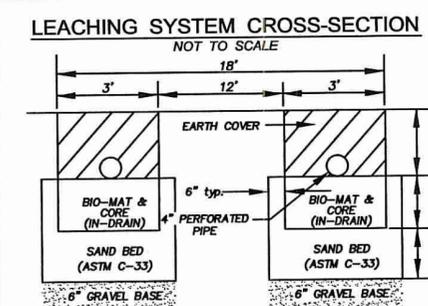
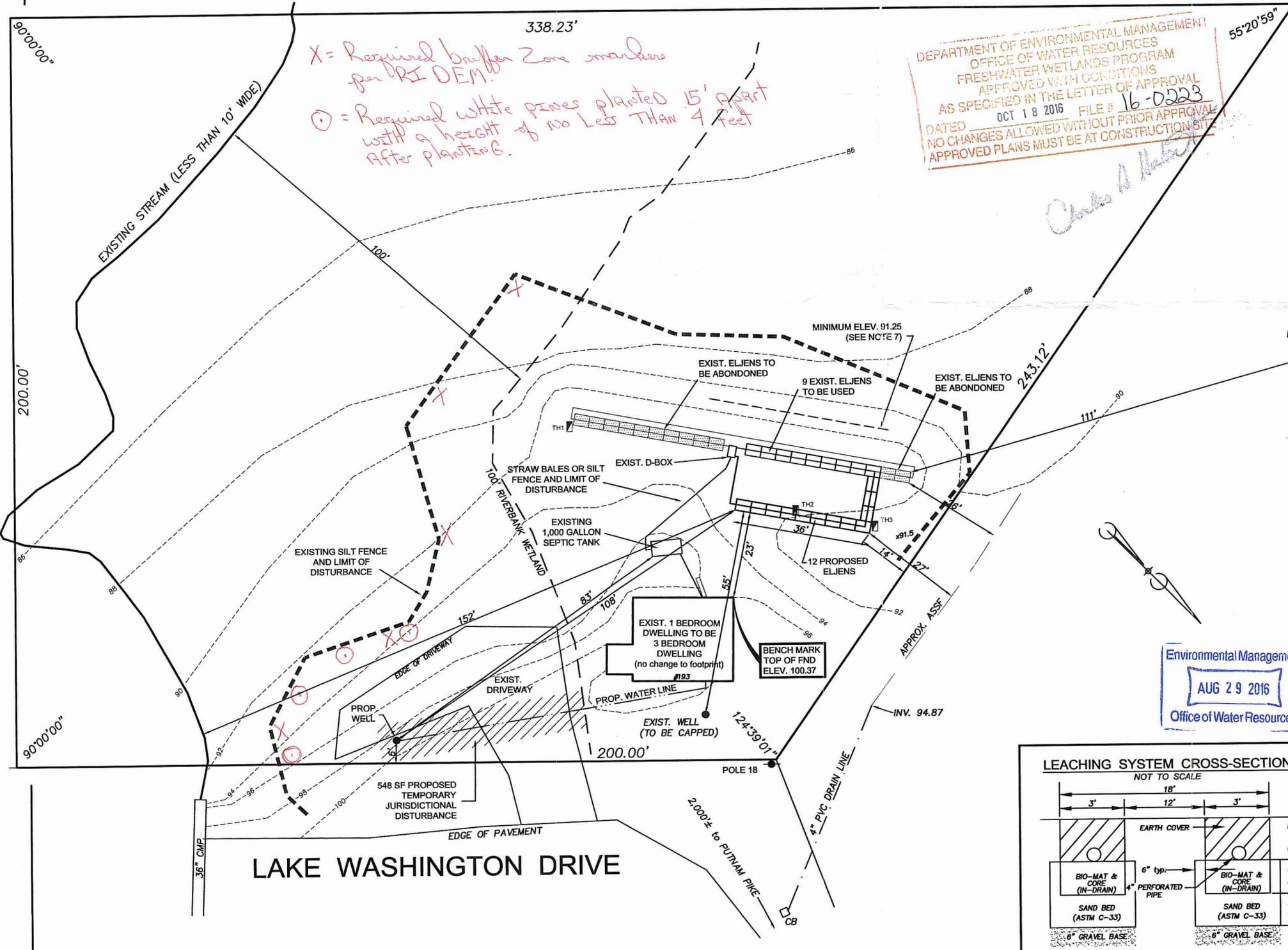
DATE: 10/28/15
TH3 - ELEV. 91.8
0"-36" FILL
36"-60" Bw, CB, G, SL, 10YR 5/6
60"-108" C, G, SL, 10YR 5/
ESHW: 60" (24" FROM OG)
NO LEDGE 108"

SYSTEM PROFILE

NOT TO SCALE



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 18 2016 FILE # 16-0223
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



Environmental Management
AUG 29 2016
Office of Water Resources