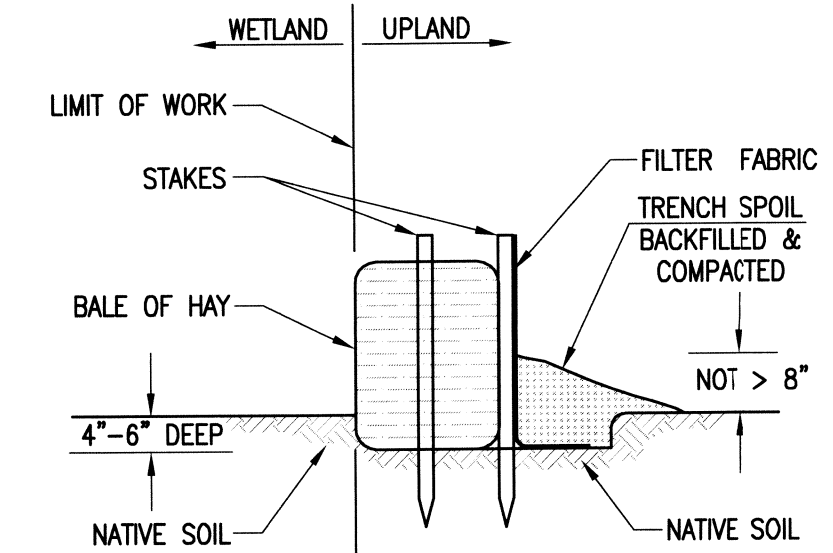


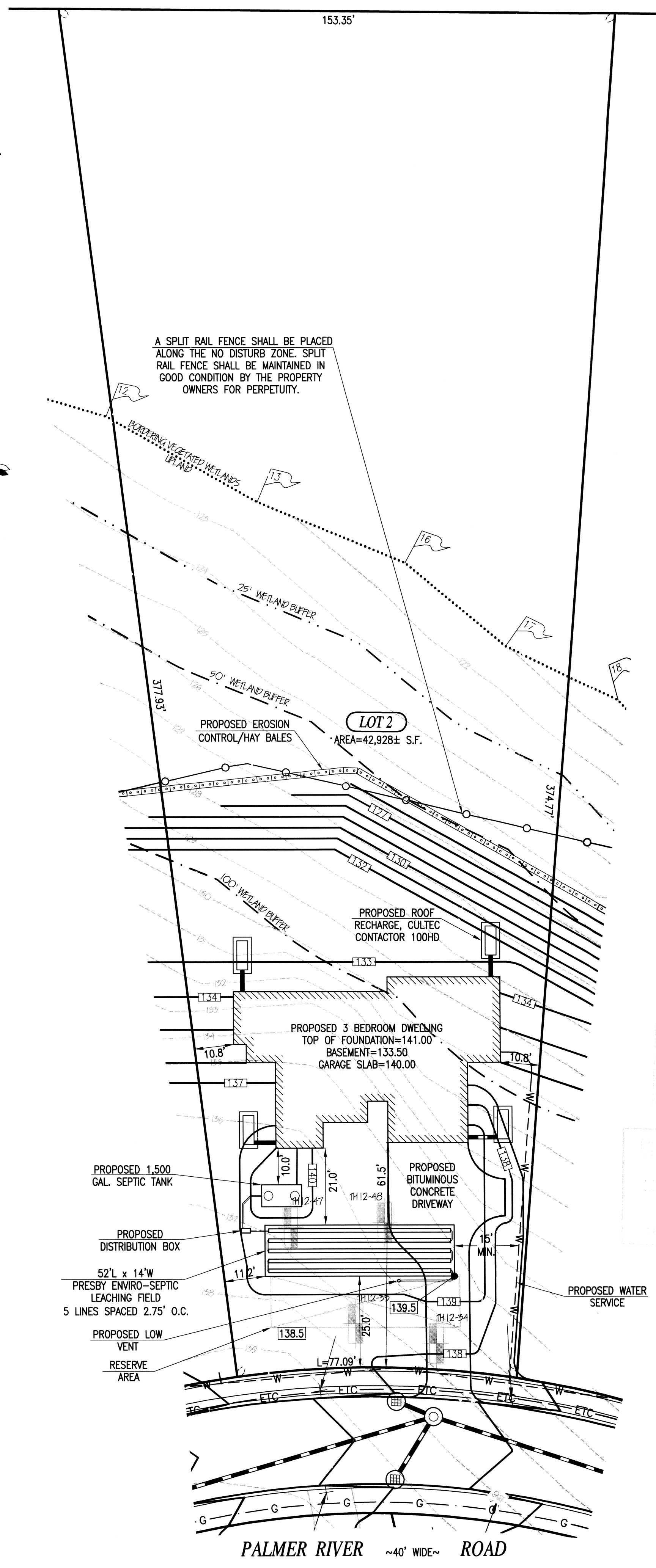
SUBSURFACE SEWAGE DISPOSAL SYSTEM
(NOT TO SCALE)

SOIL LOGS

T.H. #12-33 ELEV.=137.5± 3/26/13	T.H. #12-34 ELEV.=136.5± 3/26/13	T.H. #12-47 ELEV.=136.5± 5/15/13	T.H. #12-48 ELEV.=135.5± 5/15/13
0'-18" SANDY LOAM 10YR 3/2	0'-21" SANDY LOAM 10YR 3/2	0'-18" FILL	0'-16" FILL
18'-26" SANDY LOAM 10YR 3/8	21'-33" SANDY LOAM 10YR 3/8	18'-25" SANDY LOAM 10YR 3/2	16'-22" SANDY LOAM 10YR 3/2
26'-120" SANDY LOAM 10YR 5/3	33'-120" SANDY LOAM 10YR 5/3	25'-36" SANDY LOAM 10YR 3/8	22'-32" SANDY LOAM 10YR 3/8
REDOX @ 40" ELEV.=134.2±	REDOX @ 48" ELEV.=132.5±	REDOX @ 48" ELEV.=131.7±	REDOX @ 57" ELEV.=130.7±



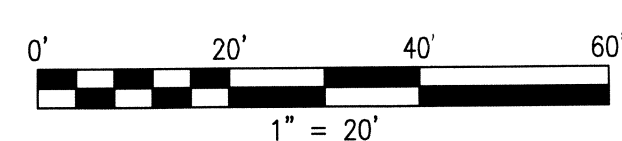
STAKED HAYBALES & SILT FENCE
NOT TO SCALE



- SEPTIC DESIGN: (NOT DESIGNED FOR GARBAGE GRINDER)**
- DESIGN DAILY FLOW: 3 BR. x 110 GPD = 330 GPD
 - SEPTIC TANK: 330 GPD x 2 = 660 GAL. USE: 1,500 GAL. TANK. (MIN.)
 - LEACHING AREA: P.R. = 32 MIN/IN, CLASS III, E.L.R. = 0.29 GPD/S.F.
REQUIRED AREA: 330 GPD/0.29 GPD/S.F. = 1,138 S.F. x 60% = 683 S.F.
PROVIDED AREA: 1 x 52.00' x 14.00' = 728 S.F. > 683 S.F.
CAPACITY: 728 S.F. x 0.29 GPD/S.F. = 211 GPD > 330 GPD x 60% = 198 GPD
 - *ENVIRO-SEPTIC PIPE
REQUIRED: 210 LF
PROVIDED: 250 LF
- * PER. D.E.P. APPROVAL FOR GENERAL USE, REVISED MARCH 19, 2013.

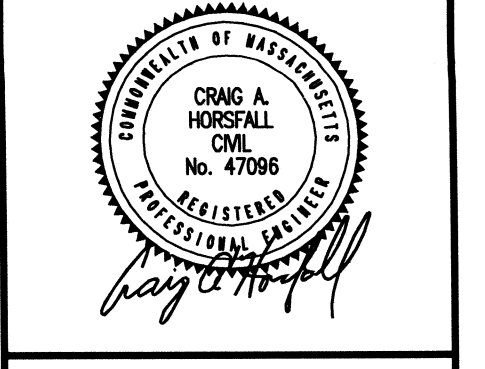
- SEPTIC NOTES:**
- TEST HOLES PERFORMED BY STEVE CARVALHO OF THOMPSON FARLAND, INC. AND WITNESSED BY THE SEEKONK BOARD OF HEALTH ON MARCH 26 AND MAY 15, 2013.
 - ENGINEER SHALL SET BENCHMARK WITHIN 50' OF SYSTEM PRIOR TO START OF CONSTRUCTION.
 - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND REGULATIONS.
 - ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
 - SOIL TESTING PERFORMED IN ACCORDANCE WITH THE INSTRUCTIONS OF MASSACHUSETTS ENVIRONMENTAL CODE, TITLE 5.
 - THERE ARE NO SURFACE WATER SUPPLIES OR WETLANDS BORDERING SURFACE WATER SUPPLIES OR PUBLIC WELLS WITHIN 200' OF LOT.
 - THERE ARE NO PRIVATE WELLS WITHIN 200' OF LOT.
 - THERE ARE NO BORDERING VEGETATED WETLANDS, INLAND BANKS, OR SURFACE WATERS WITHIN 100' OF LEACHING AREA.
 - THERE ARE NO SURFACE OR SUBSURFACE DRAINS WHICH ARE USED TO LOWER THE GROUND WATER ON THE SITE.
 - THERE ARE NO VERNAL POOLS WITHIN 100' OF SITE.
 - SITE IS NOT WITHIN 100 YEAR FLOOD PLAN OR A NITROGEN SENSITIVE AREA.
 - EFFLUENT BEING DISCHARGED TO THE SYSTEM CAN BE ASSOCIATED WITH NORMAL STRENGTH DOMESTIC USE ONLY.
 - FOR PROPER PERFORMANCE, THE SEPTIC TANK SHOULD BE PUMPED ANNUALLY.
 - ANY ALTERATIONS MUST BE APPROVED IN WRITING BY THE DESIGN ENGINEER. ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON OR REPORTED HEREIN SHALL BE REPORTED TO THE DESIGN ENGINEER BEFORE CONSTRUCTION CONTINUES.
 - TEST HOLE INFORMATION SHOWN HEREON IS LIMITED TO SOIL CONDITIONS FOUND AT THAT PARTICULAR TEST HOLE LOCATION AND IS NOT TO BE CONSIDERED AN IMPLIED OR EXPRESSED WARRANTY OF SOIL CONDITIONS BEYOND THE LIMITS OF SUCH TEST HOLES.
 - SYSTEM CAN NOT BE BACKFILLED OR CONCEALED UNTIL DESIGN FIRM AND BOARD OF HEALTH HAVE INSPECTED THE SYSTEM AND PERMISSION TO BACKFILL HAS BEEN GIVEN.
 - DESIGN FIRM MUST PREPARE AND SUBMIT "AS BUILT" PLAN TO BOARD OF HEALTH. THIS PLAN MUST CERTIFY THAT THE SYSTEM WAS INSTALLED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS AND THAT IT COMPLIES WITH PROPOSED PLAN. THEREFORE, THE CONTRACTOR MUST NOTIFY THOMPSON FARLAND, INC. IN ADVANCE FOR PERIODIC INSPECTIONS OF THE CONSTRUCTION AT THE FOLLOWING MINIMUM POINTS:
A. SEPTIC TANK EXCAVATION WITH STONE PRIOR TO SEPTIC TANK PLACEMENT.
B. LEACHING FIELD EXCAVATION PRIOR TO BACK FILLING WITH "SEWER SAND".
C. "SEWER SAND" BACKFILL - MUST PASS SIEVE TEST.
D. ALL PIPING AND CHAMBER ELEVATIONS PRIOR TO BACKFILL.
E. FINAL GRADING OVER ENTIRE SYSTEM.
 - I CERTIFY THAT THE LOCATION OF THE WATER SERVICE SHOWN ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEEKONK WATER DISTRICT.

- GENERAL NOTES:**
- ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 - BY GRAPHIC PLOTTING ONLY, THE PROPERTY DEPICTED ON THIS PLAN FALLS IN ZONE "X", AS SHOWN ON THE FLOOD INSURANCE RATE MAP NO. 25005C0208F, EFFECTIVE DATE: JULY 7, 2009.



REVISIONS

1	9/22/14	BOH REVIEW COMMENTS
2	10/17/14	CONCOM COMMENTS



THOMPSON FARLAND
PROFESSIONAL ENGINEERS // LAND SURVEYORS

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NEW BEDFORD | TAUNTON | CAMBRIDGE | MAHLBOROUGH

DRAWN BY: NPD
DESIGNED BY: NPD
CHECKED BY: CAH

SUBSURFACE SEWAGE DISPOSAL SYSTEM
LOT 2 PALMER RIVER ROAD
ASSESSORS MAP 17 PORTION OF LOT 79
SEEKONK, MASSACHUSETTS

PREPARED FOR:
PALMER RIVER DEVELOPMENT
1960 FALL RIVER AVENUE
SEEKONK, MA 02771

SEPTEMBER 2, 2014
SCALE: 1"=20'
JOB NO. 12-325
LATEST REVISION:
OCTOBER 17, 2014