

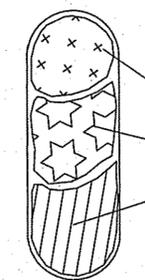
SEDIMENTATION CONTROLS
 Temporary BMPs used to filter sediments from water, thereby preventing sedimentation, shall be installed before any construction begins and should subsequently be removed when the project is completed.

SITE NOTES
 Site does not lie within a Surface Water Critical Resource Area. Total area of disturbance is less than 1 Acre.

NOTES

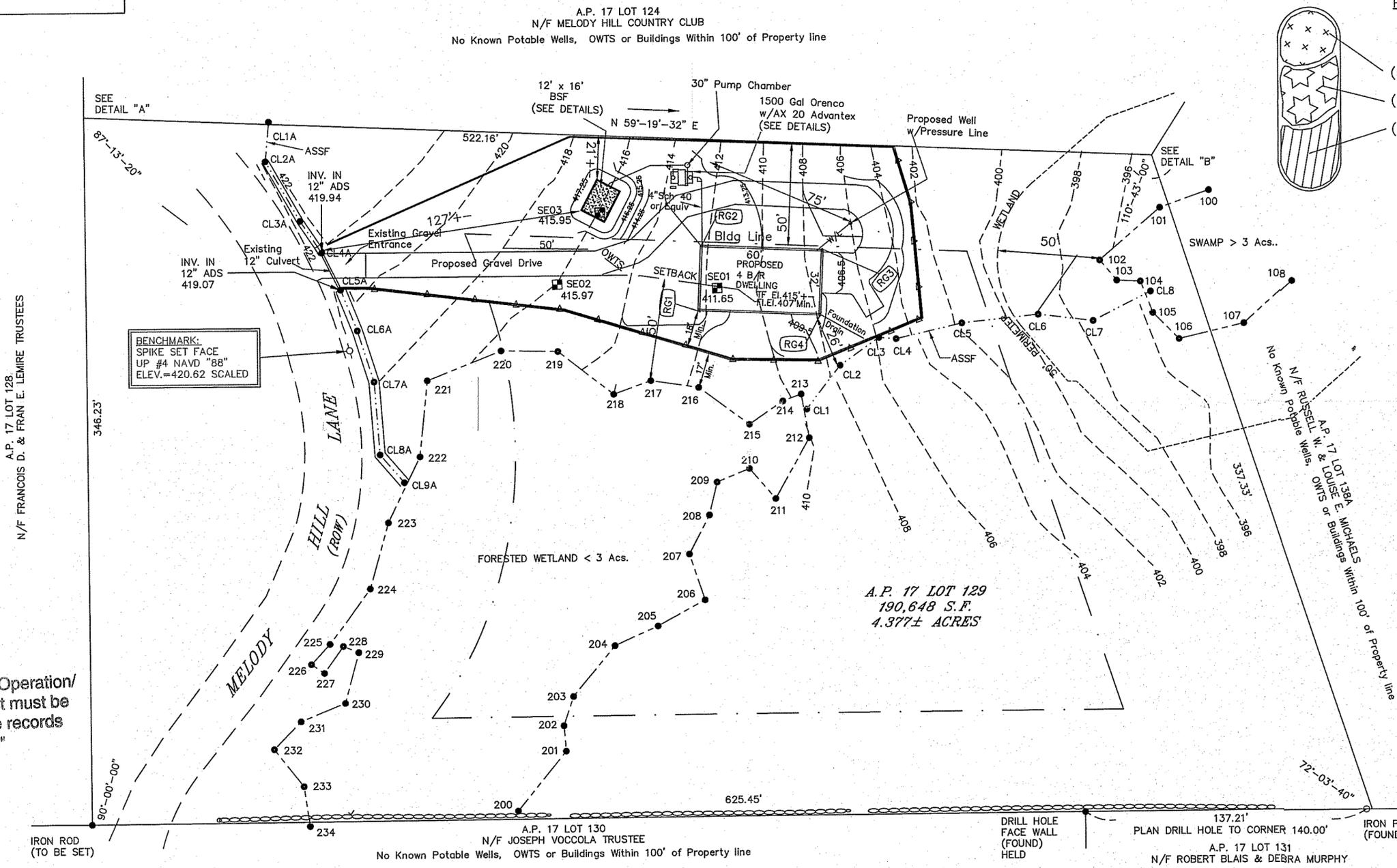
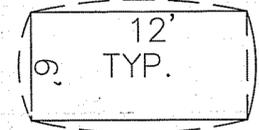
- 1) SOIL CAT #4 - Rate 3.10 G/SF/D -- DESIGN 24" SHWT
- 2) 4 B/R x 115 Gals@BR = 460 Gals/Day
- 3) AREA NEEDED 460 Gal/Day / 3.10 = 149.00 SF
- 4) BSF AREA PROVIDED = 192 SF
- 5) L.O.D. (Limits of Disturbance) SHALL BE PROTECTED BY USING STAKED HAY BALES, SILT FENCE OR WADDLES. (See Attached Details)
- 7) MAINTAIN PERIMETER FOR 5' AROUND BSF and 10' AROUND TANK.
- 8) INSTALL ELECTRIC PANEL ON 4"x 4" POST(S) NEAR TANK. (Recommended)
- 9) WATER SOFTENER/BACKWASH FILTER SYSTEMS NOT ALLOWED
- 9) SEE ATTACHED NOTES, TYPICALS & DETAILS

RAIN GARDEN PLANTING SCHEDULE
 -NO SCALE-



- (5) IRIS VERSICOLOR 24" O.C.
- (4) RUDBECKIA FULGIDA GOLDSTRUM 30" O.C.
- (4) PANICUM VIRGATUM SWITCHGRASS 30" O.C.

ROOF AREA = 1920 S/F
 x .15 = 288 S/F / 4 = 72 S/F Each
 RAIN GARDENS 6" DEEP
 BOTTOM RG ELEVATIONS
 RG1 = 413.5
 RG2 = 412.5
 RG3 = 405.5
 RG4 = 409.0



"Copy of Permit and Operation/Maintenance contract must be filed in land evidence records prior to conformance"

LEGEND:

- EDGE OF PAVEMENT
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EDGE OF WETLAND FLAG
- OWTS Setback
- 50' PERIMETER WETLAND
- SOIL EVALUATION
- LIMIT OF DISTURBANCE (L.O.D.)
- L.O.D. & SILT FENCE (or Equal)
- BUILDING ZONING SETBACK
- RAIN GARDEN

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 OWTS & FRESHWATER WETLANDS
 JOINT PERMIT APPROVAL

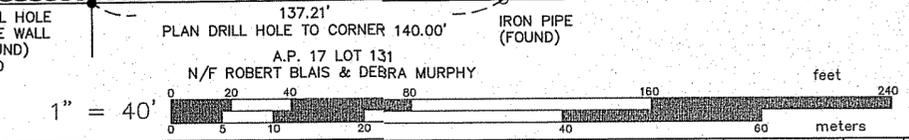
OWTS# 1613-1009 FWW# 17-0053

APPROVED: *[Signature]* DATE: 4/20/17

No Changes Allowed Without RIDEM Approval
 Approved for Construction at Construction Site

ROBERT F. ANGILLY, JR.
 No. 3582
 REGISTERED PROFESSIONAL ENGINEER

Robert F. Angilly, Jr.
 Apr 17 2017
 ENGINEERING BY ROBERT F. ANGILLY, JR. #3047
 SOIL EVALUATIONS BY THOMAS E. D'Angelo #4003



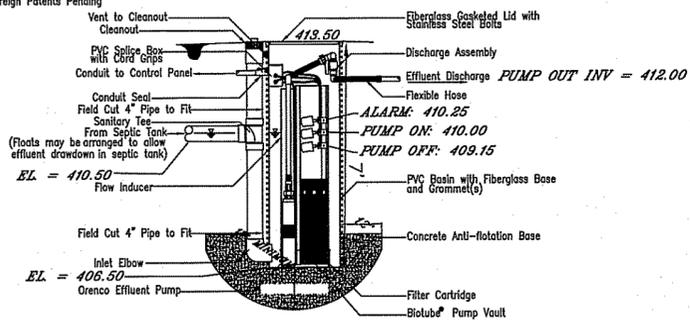
Terry Lane Company
 Land Use Facilitators / OWTS Consultants
 15A Terry Lane, Glocester, RI 02814
 ISDS@cox.net 401-568-8006

OWTS / WETLAND PLAN
 Heirs of John Fogarty
 on MELODY HILL LANE
 in GLOCESTER, R.I.
 A.P. 17 LOT 129

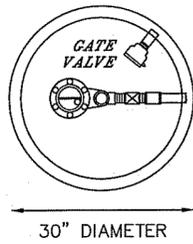
REVISIONS	
DRAWN BY:	T.E.D.
CKD BY:	R.F.A.
APPRVD BY:	R.F.A./T.E.D.
DATE:	01/21/17
SCALE:	1" = 40'
SHEET:	1 OF 2
JOB NAME:	FOGARTY HEIRS

**SINGLE SEWAGE PUMP SET
TYPICAL**

Basin with Effluent Pumping Assembly Typical Rev. 1.0 (2/88)
Patents # 4,439,323 & 5,492,635 © 2002, Orenco Systems, Inc.



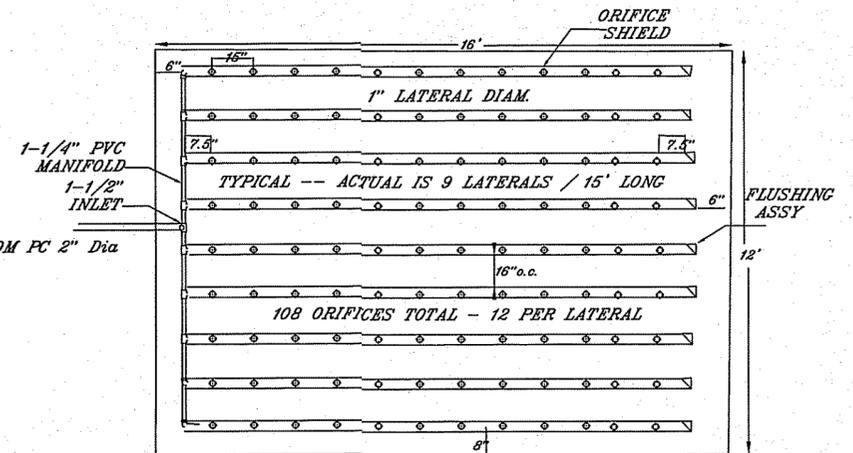
PUMP CHAMBER TYPICAL



BSF DETAILS

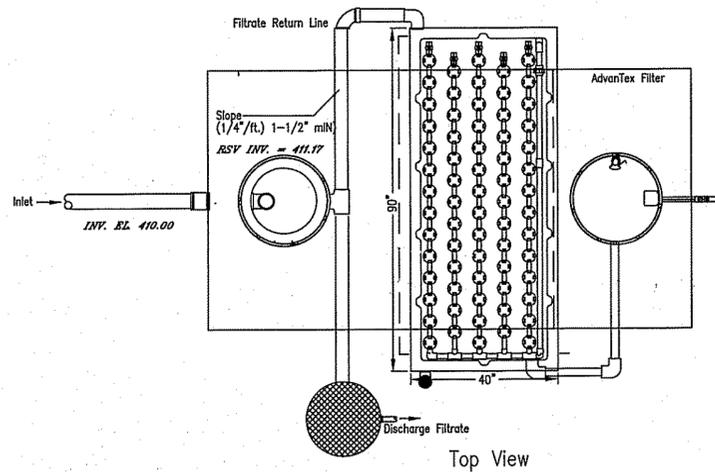
BSF ELEVATIONS

BOTTOM OF SAND EL. = 415.00
 BOTTOM OF PEA STONE EL. = 417.00
 TOP OF PEA STONE EL. = 417.75
 INV. OF 1" PVC LATERAL = 417.25
 TOP OF 6"X6" STRUCTURE = 417.75

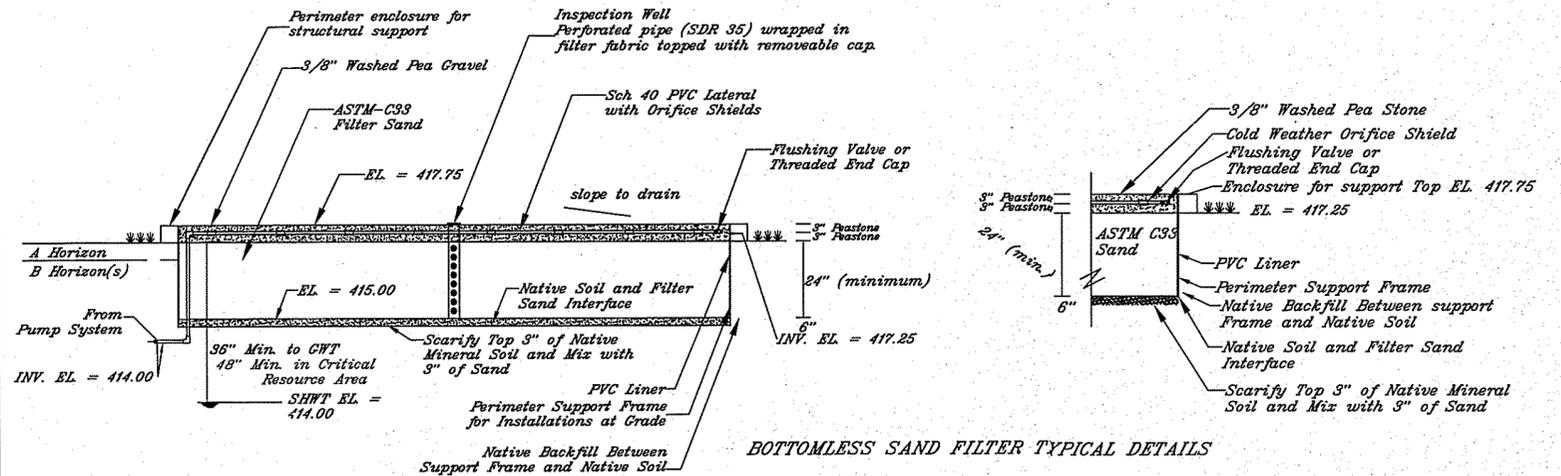


BOTTOMLESS SAND FILTER TYPICAL (NTS)
12' x 16' = 192 S/F

**AdvanTex Treatment System Typical
AX 20 Series - Mode 3b**

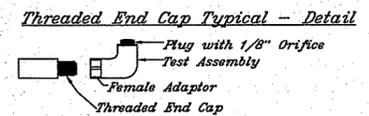
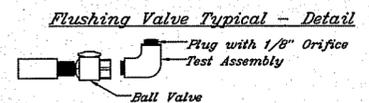
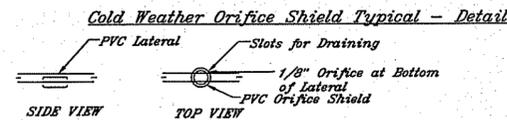
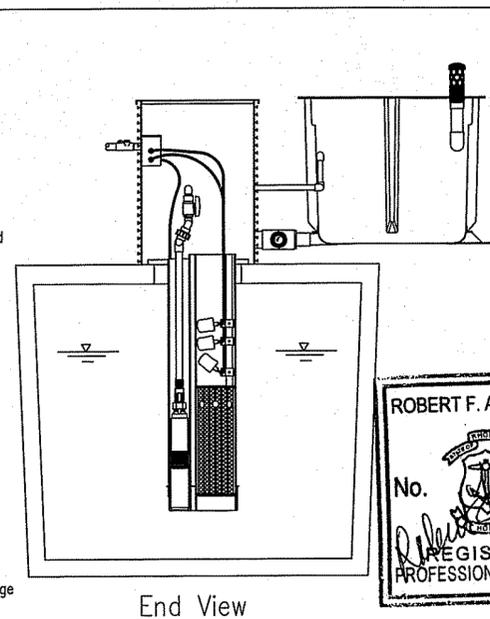
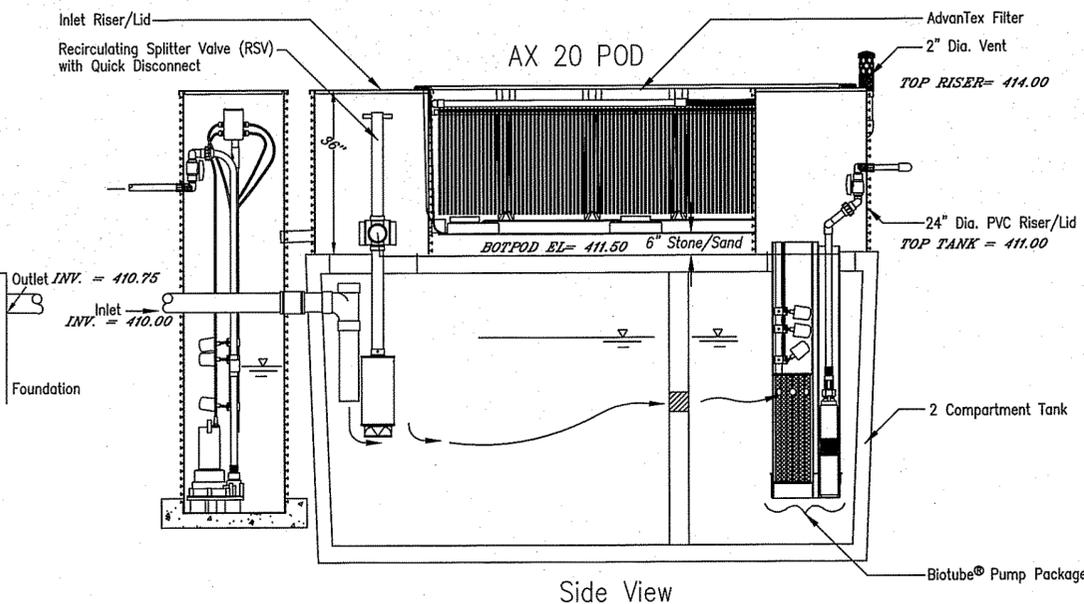


BSF PROFILE



BOTTOMLESS SAND FILTER TYPICAL DETAILS

TANK/AX20 POD



ROBERT F. ANGILLY, JR.
 No. 3582
 REGISTERED PROFESSIONAL ENGINEER

NO	REVISIONS DATE	BY
	Jan 23 2017	T.E.D.
	Apr 8 2017	T.E.D.

BSF DESIGN TYPICALS
Heirs of John Fogarty

Melody Hill Lane
Glocester, RI

DRAWN BY	SCALE N. T. S.	MATERIAL
CHK'D	DATE DEC 2017	DRAWING NO. 2 OF 2
TRACED	APP'D	