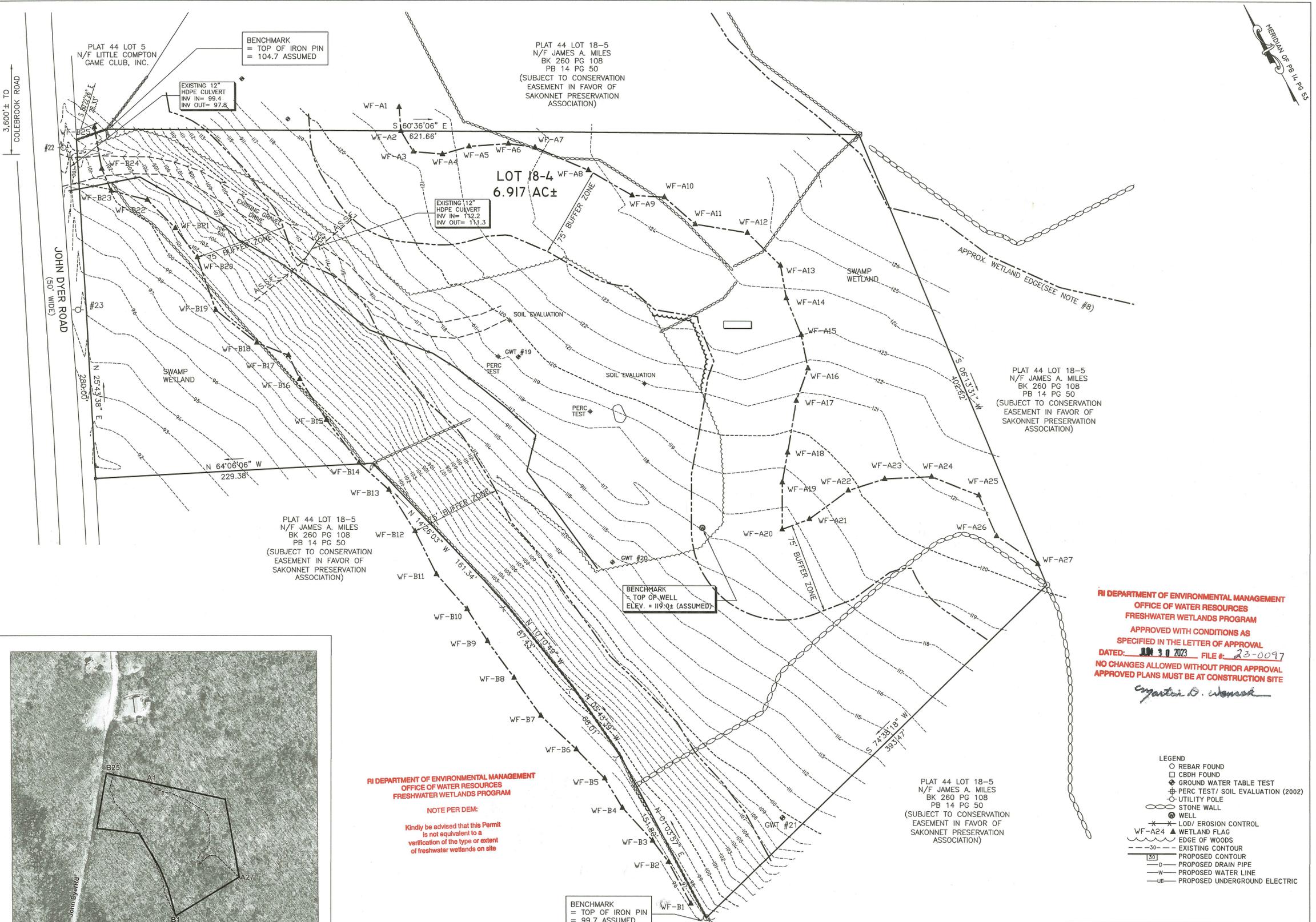


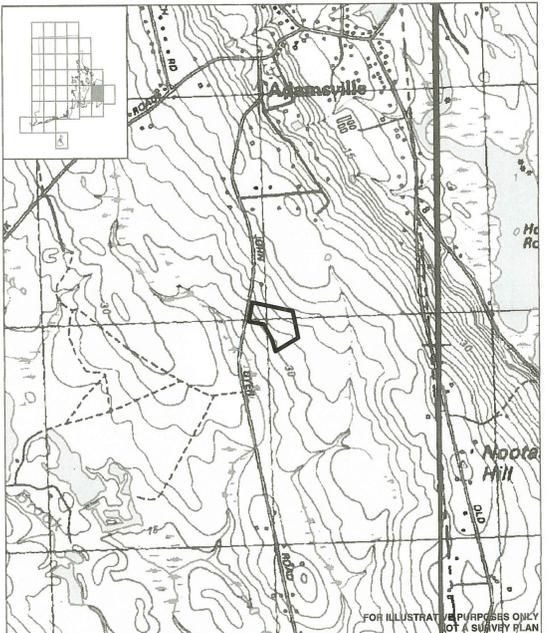
LOCUS AS SHOWN ON ASSESSOR'S MAP

- NOTES:
- 1) RECORD OWNER: STEPHEN W. & LISA J. KRAVITZ  
68 HIGH STREET  
NEW HARTFORD, CT 06057
  - 2) ASSESSOR'S REF: PLAT 44 LOT 18-4
  - 3) DEED REF: BOOK 328 PAGE 221
  - 4) PLAN REF: PB 14 PG 53
  - 5) WETLAND FLAGS DELINEATED BY NATURAL RESOURCE SERVICES, INC IN FEBRUARY, 2023 AND HAVE NOT BEEN VERIFIED.
  - 6) APPROVED SOIL TESTING HAS EXPIRED. RIDEM MAY ALLOW REINSTATEMENT OF EXPIRED DATA WITH THE SUBMISSION OF AN OWT'S DESIGN.
  - 7) THE 75' BUFFER ZONE IS FOR BUILDINGS AND OWT'S.
  - 8) THE APPROXIMATE WETLAND EDGE ADJACENT TO THE NORTHEASTERLY CORNER OF LOT 18-4 WAS TAKEN FROM THE 1999 SUBDIVISION SUITABILITY DETERMINATION ON FILE WITH RIDEM.
  - 9) ELEVATION DATUM IS ASSUMED AND WAS TAKEN FROM THE PLAN TITLED, "PRELIMINARY DETERMINATION PLAN & SUBDIVISION SITE SUITABILITY PLAN PREPARED FOR JOHN COOPER-MULLIN & THOMAS M. DREW, ASSESSOR'S PLAT 44 LOT 18B, JOHN DYER ROAD LITTLE COMPTON, RI OLD HARBOR ROAD WESTPORT, MA "DATED MAY 8, 2002 REVISION #1: 9/16/02 BY CIVIL ENGINEERING CONCEPTS, INC."



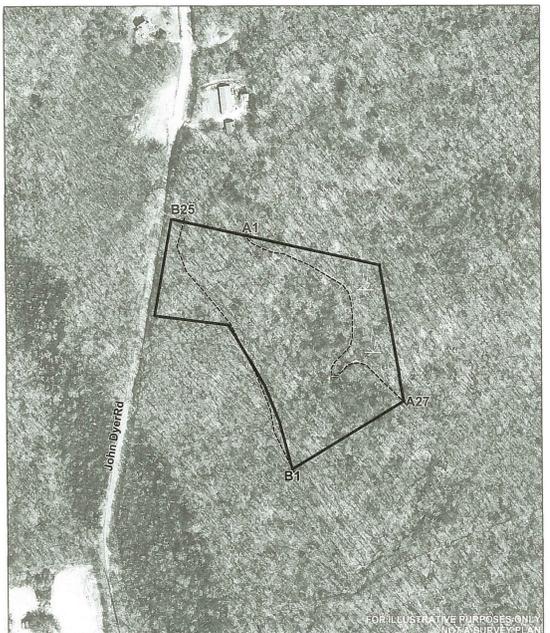
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS  
SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 30 2023 FILE #: 23-0097  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Matthew D. Wansel*



USGS Topographic Map  
John Dyer Rd  
A.P. 44, Lot 18-4  
Little Compton, RI  
Tiverton Quad Map

Approximate Site Location  
USGS Topographic Series  
Contour Interval: 10 Feet  
National Geodetic Vertical Datum of 1929  
Feet  
Natural Resource Services, Inc.



Site Sketch for Approximate Wetland Delineation  
John Dyer Rd  
A.P. 44, Lot 18-4  
Little Compton, RI

Approximate Site Location  
Approximate Wetland Delineation  
Wetland Area Symbol  
Performed by Edward Avizitis 10/13/16  
Feet  
2014 USGS Digital True Color Orthophotography  
Natural Resource Services, Inc.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

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

- LEGEND
- REBAR FOUND
  - CBH FOUND
  - ⊕ GROUND WATER TABLE TEST
  - ⊕ PERC TEST/ SOIL EVALUATION (2002)
  - UTILITY POLE
  - STONE WALL
  - ⊙ WELL
  - LOD/ EROSION CONTROL
  - WF-A24 ▲ WETLAND FLAG
  - EDGE OF WOODS
  - EXISTING CONTOUR
  - PROPOSED CONTOUR
  - PROPOSED DRAIN PIPE
  - PROPOSED WATER LINE
  - PROPOSED UNDERGROUND ELECTRIC

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 435-RICR-00-00-1.9 OF THE RULES & REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON 11/25/15 AS FOLLOWS:

A. TYPE OF BOUNDARY SURVEY: NOT A BOUNDARY SURVEY  
MEASUREMENT SPECIFICATION:  
SURVEY: MEASUREMENT SPECIFICATION: III  
TOPOGRAPHIC SURVEY ACCURACY: 1-2  
C. STATEMENT OF PURPOSE: THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS TO SHOW EXISTING CONDITIONS TO BE USED AS A BASIS FOR SITE DESIGN/PLANNING

*Donald J. Medeiros*  
DONALD J. MEDEIROS, PLS #1923  
COA #A492

DONALD J. MEDEIROS  
No. 1923  
PROFESSIONAL LAND SURVEYOR

PROPOSED SITE PLAN  
EXISTING CONDITIONS

PREPARED FOR  
STEPHEN KRAVITZ  
PLAT 44 LOT 18-4  
104 JOHN DYER ROAD  
LITTLE COMPTON, RHODE ISLAND

SCALE: AS NOTED DATE: APRIL 24, 2023

JOB #18-034 SHEET 1 OF 3

291 LONG HIGHWAY  
LITTLE COMPTON, RI 02837  
(401) 592-1302  
ABLE@ABLENEWENGLAND.COM



RI Environmental Management  
MAY - 1 2023  
Office of Water Resources

LOT 18-4  
 6.917 AC±

JOHN DYER ROAD  
 (50' WIDE)

EXISTING 12" HDPE CULVERT  
 INV IN= 99.4  
 INV OUT= 97.8

PROPOSED 12" CRUSHED STONE CHECK DAM  
 CREST= 98.5

PROPOSED PLANTING:  
 INKBERRY (ILEX GLABRA COMPACTA)  
 5-7 GALLON SIZE  
 PLANTED 5' ON CENTER  
 AND 4' OFF EDGE OF  
 GRAVEL

EXISTING SILT FENCE TO  
 BE INSPECTED &  
 UPGRADED AS NECESSARY

EXISTING 12" HDPE CULVERT  
 INV IN= 112.2  
 INV OUT= 111.3

PROPOSED CRUSHED STONE  
 LEVEL SPREADER  
 CREST= 12.0

Per RIDEM:  
 The driveway must be constructed of  
 crushed stone, per Condition 11.

PROPOSED 1500  
 GALLON 2  
 COMPARTMENT  
 SEPTIC TANK WITH  
 EFFLUENT FILTER

PROPOSED WATER  
 TIGHT SLEEVE  
 BUILDING SEWER

PROPOSED RAIN  
 GARDEN 18' LONG X  
 8' WIDE X 8" DEEP  
 (SEE DETAIL)

PROPOSED RAIN GARDEN #1  
 10' LONG X 8' WIDE  
 X 8" DEEP  
 (SEE DETAIL)

PROPOSED SILT FENCE  
 EROSION CONTROL

PROPOSED FOULING DRAIN  
 OUTLET PIPE 1/4" NDN  
 PERFORATED SDR-35  
 S= 0.01  
 INV OUTLET= 114.5

PROPOSED RAIN GARDEN #2  
 18' LONG X 8' WIDE X 8" DEEP  
 (SEE DETAIL)

PROPOSED 4 BEDROOM HOUSE  
 T.C. = 123.5±  
 F.G. = 122.5±  
 C.F.L. = 115.5±

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS  
 SHOWN IN THESE LETTERS OF APPROVAL  
 DATED: JUN 30 2023 FILE #: 23-0097  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM

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

PLAT 44, LOT 18-5  
 N/F JAMES A. MILES  
 BK 260 PG 108  
 PB 14 PG 50  
 (SUBJECT TO CONSERVATION  
 EASEMENT IN FAVOR OF  
 SAKONNET PRESERVATION  
 ASSOCIATION)

NOTE: INSTALLATION OF EXISTING  
 GRAVEL DRIVEWAY, CULVERTS, WELL,  
 AND SITE CLEARING WAS DONE UNDER  
 WETLAND PERMIT #18-0106

NOTE:  
 • ROOF DRAINAGE TO OUTLET AT 2  
 RAIN GARDENS SHOWN  
 (SEE DETAIL ON SHEET 3)  
 • ALL ROOF DRAIN PIPING TO BE 4"  
 SDR-35 NON-PERFORATED @ S=0.02±

NOTE: SEE APPROVED OWTS APP.  
 #9918-2160. THIS SITE DESIGN  
 CONFORMS WITH THE APPROVED OWTS  
 DESIGN.

- LEGEND
- REBAR FOUND
  - CBH FOUND
  - ⊕ GROUND WATER TABLE TEST
  - ⊕ PERC TEST/ SOIL EVALUATION (2002)
  - UTILITY POLE
  - STONE WALL
  - ⊙ WELL
  - LOD/ EROSION CONTROL
  - WF-A24 ▲ WETLAND FLAG
  - EDGE OF WOODS
  - EXISTING CONTOUR
  - PROPOSED CONTOUR
  - PROPOSED DRAIN PIPE
  - PROPOSED WATER LINE
  - PROPOSED UNDERGROUND ELECTRIC



THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 435-RICR-00-00-1.9 OF THE RULES & REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON 11/25/15 AS FOLLOWS:  
 A. TYPE OF BOUNDARY SURVEY: NOT A BOUNDARY SURVEY  
 MEASUREMENT SPECIFICATION:  
 B. OTHER TYPE OF SURVEY: DATA ACCUMULATION SURVEY; MEASUREMENT SPECIFICATION: III  
 TOPOGRAPHIC SURVEY ACCURACY: T-2  
 C. STATEMENT OF PURPOSE: THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS TO SHOW EXISTING CONDITIONS, TO BE USED AS A BASIS FOR SITE DESIGN & PLANNING

Donald J. Medeiros  
 DONALD J. MEDEIROS, PLS #1923 COA #A492

DONALD J. MEDEIROS  
 No. 7253  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

DONALD J. MEDEIROS  
 No. 1923  
 PROFESSIONAL LAND SURVEYOR

PROPOSED SITE PLAN  
 NEW CONSTRUCTION  
 PREPARED FOR  
 STEPHEN KRAVITZ  
 PLAT 44 LOT 18-4  
 104 JOHN DYER ROAD  
 LITTLE COMPTON, RHODE ISLAND  
 SCALE: AS NOTED DATE: APRIL 24, 2023  
 JOB #18-034 SHEET 2 OF 3

291 LONG HIGHWAY  
 LITTLE COMPTON, RI 02837  
 (401) 592-1302

ABLE Engineering Inc.

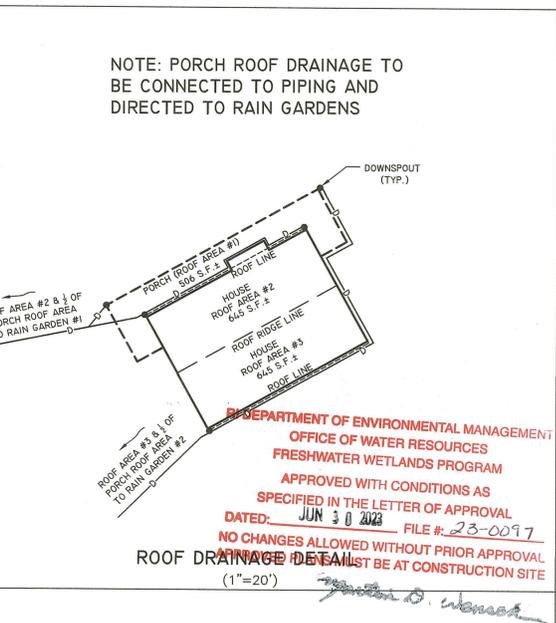
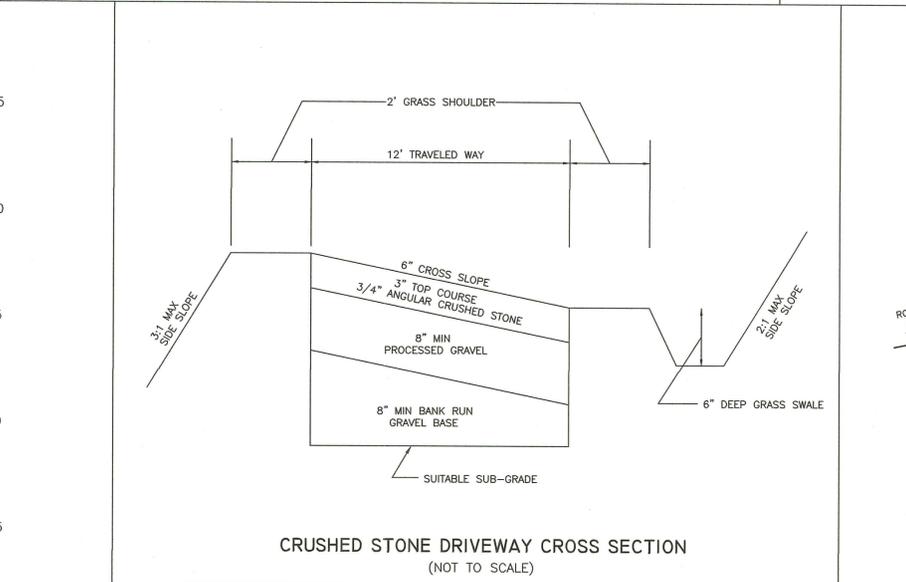
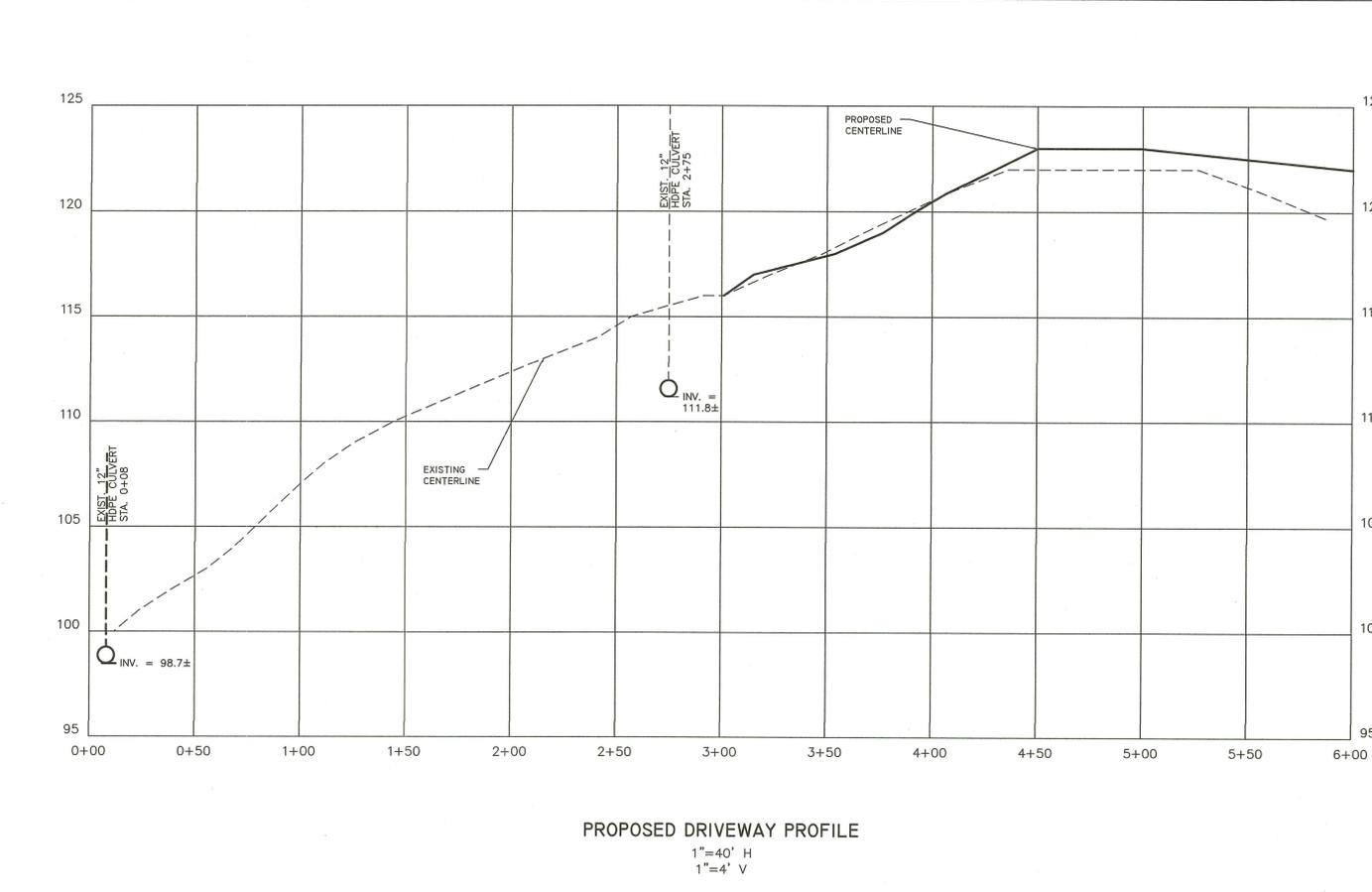
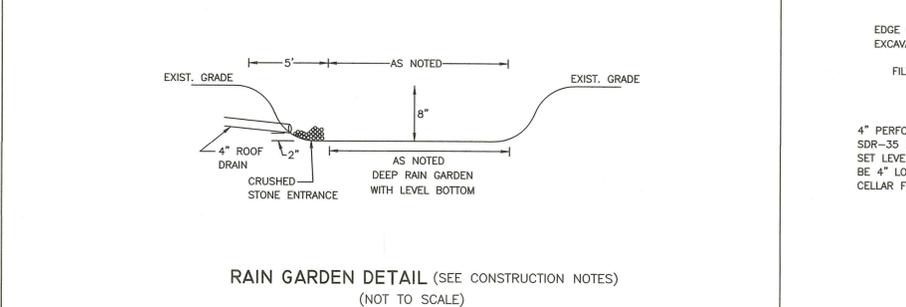
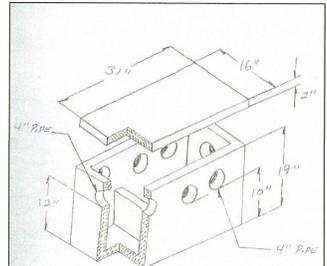
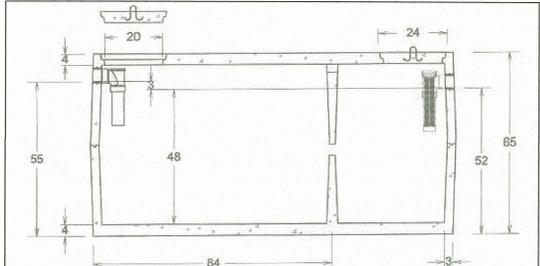
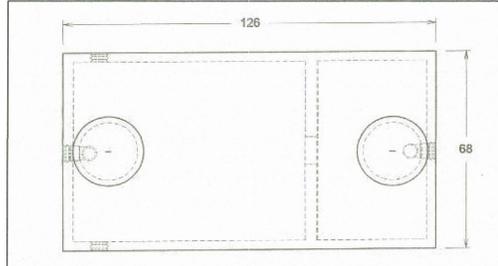
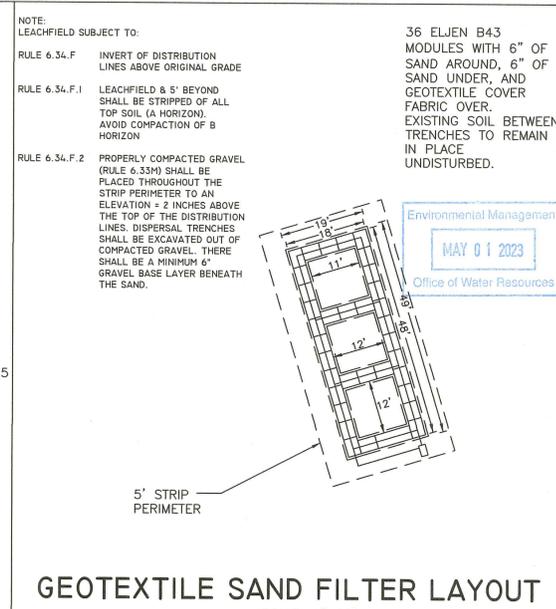
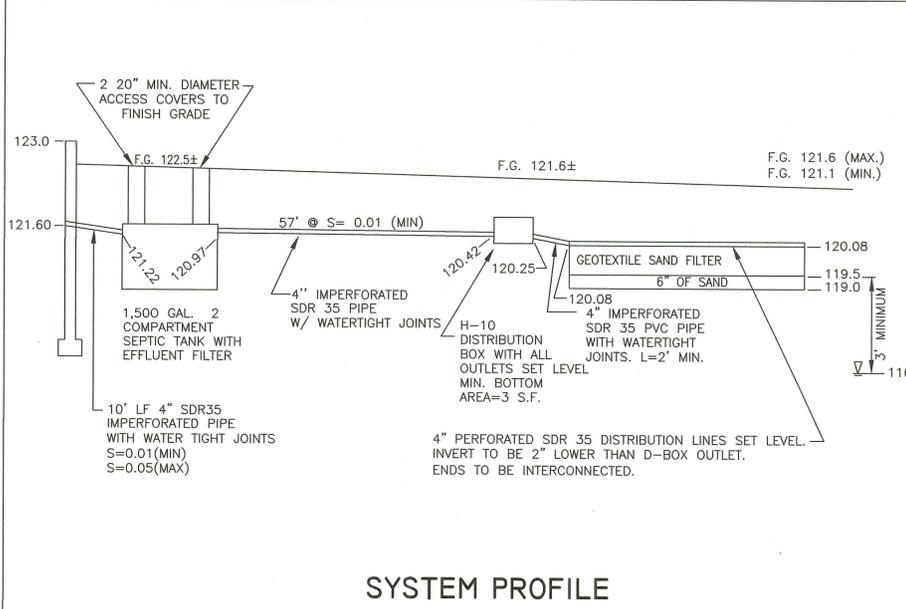
- DRAINAGE DESIGN**
- SITE SOIL: WbB WAPPING SILT LOAM (HSG "B")
  - BFA BROAD BROOK SILT LOAM (HSG "C")
  - SOIL TEXTURE: SILT LOAM
  - IMPERVIOUS AREA= ROOF ONLY
  - \*DRIVEWAY HAS 3" TOP COURSE OF 3/4" ANGULAR CRUSHED STONE
  - ROOF AREA= 1,796 S.F.±
  - DRAINAGE LID= RAIN GARDEN
  - 8" DEEP
  - DESIGN FOR HSG "C" SOIL
  - SIZE FOR 1,000 S.F.
  - RAIN GARDEN= 160 S.F. MINIMUM AREA/1000 S.F. ROOF.
  - USE 8" DEEP X 8" WIDE X 20' LONG RAIN GARDEN.
  - ADD 5' TO LENGTH FOR CRUSHED STONE INLET.
  - USE ONE RAIN GARDEN FOR EVERY 1,000 S.F. OF ROOF AREA.

- RAIN GARDEN DETAIL & CONSTRUCTION NOTES**
- ROOF DOWNSPOUTS TO CONVEY GUTTER DRAINAGE TO 4" NON PERFORATED SDR-35 PIPE FOR CONVEYANCE TO RAIN GARDEN.
  - USE ONE RAIN GARDEN FOR EVERY 1,000 S.F. (MAX) OF ROOF AREA.
  - INLET DRAIN INVERT TO BE 2" ABOVE FLOOR OF RAIN GARDEN.
  - CRUSHED STONE TO BE PLACED AT INLET & TO EXTEND NO HIGHER THAN CROWN OF INLET PIPE.
  - MINIMUM DIMENSION (EXCLUDING 5' ENTRANCE)= 4' W X 20' L X 8" D
  - BOTTOM TO BE LEVEL
  - AREA TO BE DELINEATED PRIOR TO CONSTRUCTION TO PREVENT COMPACTION BY CONSTRUCTION EQUIPMENT. OTHERWISE AREA SHALL BE ROTOTILLED PRIOR TO PLACING SOIL OR MULCH
  - BOTTOM SHALL HAVE A 2-4" AMENDED SOIL LAYER AND A 2-3" LAYER OF NON-DYED SHREDDED MULCH.
  - THE AMENDED SOIL LAYER SHALL BE A 50/50 MIXTURE OF THE EXCAVATED NATIVE SOILS & MATURE ORGANIC COMPOST.
  - PLANT SPECIES SHALL BE SELECTED FOR WITHSTANDING INDUNDATION FOR PERIODS OF UP TO 36 HOURS. SEE APPENDIX B OF RI STORM WATER DESIGN & INSTALLATION STANDARD MANUAL.

- GENERAL NOTES:**
- SOIL EROSION CONTROL SILT FENCING SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND REMAIN IN PLACE AND IN GOOD WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION.
  - SOIL EROSION CONTROL TO BE SILT FENCE, HAY BALES, OR COIR LOGS.

- CONSTRUCTION NOTES AND SPECIFICATIONS:**
- ALL WORK AND MATERIALS SHALL CONFORM TO THE "RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS (OWTS)" DATED NOVEMBER 25, 2018 (AND AS MAY BE AMENDED) AND ANY APPLICABLE LOCAL REGULATIONS.
  - ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE RIDEM AND THE ENGINEER (ABLE ENGINEERING, INC.).
  - ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.
  - CONTRACTOR IS RESPONSIBLE FOR NOTIFYING DIGSAFE AS REQUIRED BY LAW.
  - CONTRACTOR/HOMEOWNER SHALL NOTIFY ENGINEER AT LEAST 5 DAYS PRIOR TO THE START OF CONSTRUCTION AND PERIODICALLY THROUGHOUT CONSTRUCTION IN ORDER THAT THE FOLLOWING INSPECTIONS CAN BE MADE:
    - \* EXPOSED BOTTOM OF EXCAVATION FOR LEACHFIELD.
    - \* SIZE AND CONDITION OF ALL STRUCTURAL SYSTEM COMPONENTS.
    - \* ELEVATION OF ALL SYSTEM INVERTS.
    - \* COMPLETED INSTALLATION PRIOR TO BACKFILLING.
    - \* FINAL SOIL COVER.
    - \* A PRE-CONSTRUCTION MEETING IS RECOMMENDED
  - CONTRACTOR/HOMEOWNER SHALL SUPPLY ENGINEER WITH A LIST OF ALL MATERIALS USED, SOURCE OF MATERIAL AND DATES OF DELIVERY TO SITE.
  - THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DELAY OR ADDITIONAL WORK REQUIRED AS A RESULT OF THE CONTRACTOR/HOMEOWNER'S FAILURE TO COMPLY WITH THE ABOVE CONSTRUCTION SCHEDULE.
  - BUILDING SEWER TO CONFORM TO RULE 6.25 OF REGULATIONS CITED IN NOTE #1 ABOVE.
  - SEPTIC TANK & EFFLUENT PIPE TO CONFORM TO RULES 6.27 & 6.28.
  - DISTRIBUTION BOX TO CONFORM TO RULE 6.32.
  - LEACHFIELD EXCAVATION TO CONFORM TO RULE 6.33J.
  - LEACHFIELD STONE TO CONFORM TO RULE 6.33K.
  - LEACHFIELD FILTER FABRIC TO CONFORM TO RULE 6.33L.
  - LEACHFIELD GRAVEL TO CONFORM TO RULE 6.33M.
  - BACKFILL TO CONFORM TO RULE 6.33O.
  - THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE DISPOSAL.
  - THIS SYSTEM IS NOT DESIGNED TO ACCEPT EFFLUENT FROM A WATER SOFTENING/TREATMENT SYSTEM.
- GENERAL NOTES:**
- THERE ARE NO PUBLIC SEWER LINES WITHIN 200' OF THE SUBJECT PROPERTY.
  - THERE ARE NO EXISTING OR PROPOSED PUBLIC WELLS WITHIN 500' OF THE PROPOSED OWTS.
  - THERE ARE NO KNOWN EXISTING DRAINS WITHIN 200' OF THE PROPOSED OWTS.
  - THE PROPOSED OWTS IS NOT IN THE WATERSHED OF A PUBLIC WATER SUPPLY OR CRITICAL RESOURCE AREA.

- DESIGN CRITERIA**
- DESIGN FLOW=460 GAL/DAY (4 BEDROOMS)
  - SOIL TEST HOLE #19
  - DEPTH TO SEASONAL HIGH GROUNDWATER= 45"
  - LEACHFIELD DESIGN POINT ELEVATION= 120.2
  - SEASONAL HIGH GROUNDWATER ELEVATION= 116.5
  - SOIL CATEGORY= 8
  - LOADING RATE= 0.46 GAL/SF/DAY
  - REQUIRED LEACHING AREA= 1000 SF
  - DISPERSAL TRENCH= 36 ELJEN OSF B-43 MODULES IN TRENCH CONFIGURATION
  - ALLOWED LEACHING AREA= 28 SF/MODULE
  - TOTAL NUMBER OF MODULES= 36
  - LEACHING AREA PROVIDED= 1,008 SF



THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 435-RICR-00-00-1.9 OF THE RULES & REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON 11/25/15 AS FOLLOWS:

A. TYPE OF BOUNDARY SURVEY: NOT A BOUNDARY SURVEY  
MEASUREMENT SPECIFICATION: DATA ACCUMULATION SURVEY; MEASUREMENT SPECIFICATION: III  
TOPOGRAPHIC SURVEY ACCURACY: T-2

C. STATEMENT OF PURPOSE: THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS TO SHOW EXISTING CONDITIONS TO BE USED AS A BASIS FOR SITE DESIGN & PLANNING.

Donald J. Medeiros, PLS #1923 COA #A492

**PROPOSED SITE PLAN OWTS/DRAINAGE DETAILS & NOTES**

PREPARED FOR  
**STEPHEN KRAVITZ**  
PLAT 44 LOT 18-4  
**104 JOHN DYER ROAD**  
LITTLE COMPTON, RHODE ISLAND  
SCALE: AS NOTED DATE: APRIL 24, 2023

**DONALD J. MEDEIROS**  
No. 7253  
REGISTERED PROFESSIONAL ENGINEER CIVIL

**DONALD J. MEDEIROS**  
No. 1923  
PROFESSIONAL LAND SURVEYOR

JOB #18-034 SHEET 3 OF 3

291 LONG HIGHWAY  
LITTLE COMPTON, RI 02837  
(401) 592-1302

**ABLE Engineering Inc.**