

**LOCUS AS SHOWN ON ASSESSOR'S MAP**

- NOTES:**
- RECORD OWNER: LOT 33: MICHAEL A. CAMARA  
C/O CHRISTINE HUDSON LIVING TRUST  
53 WILLIAM SISSON ROAD  
LITTLE COMPTON, RI 02837  
LOT 32-1: CHASE LIVING TRUST, C/O FRANCIS CHASE  
40 MAPLE AVE.  
LITTLE COMPTON, RI 02837
  - ASSESSOR'S REF: PLAT 30 LOT 33  
PLAT 30 LOT 32-1
  - DEED REF: BOOK 229 PAGE 88
  - ZONE: RESIDENTIAL (R)
  - WETLANDS DELINEATED BY NATURAL RESOURCES SERVICES, INC. ON SEPTEMBER 14, 2012.

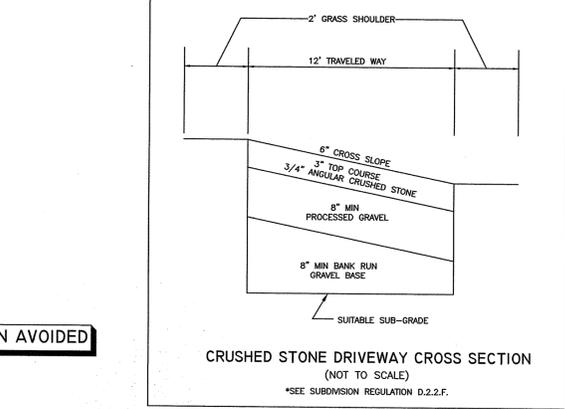
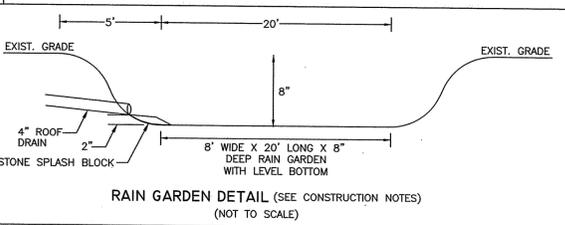
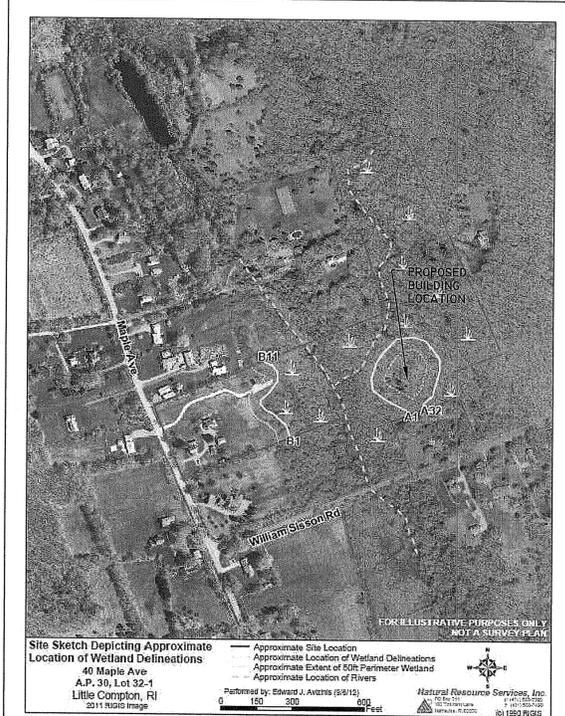
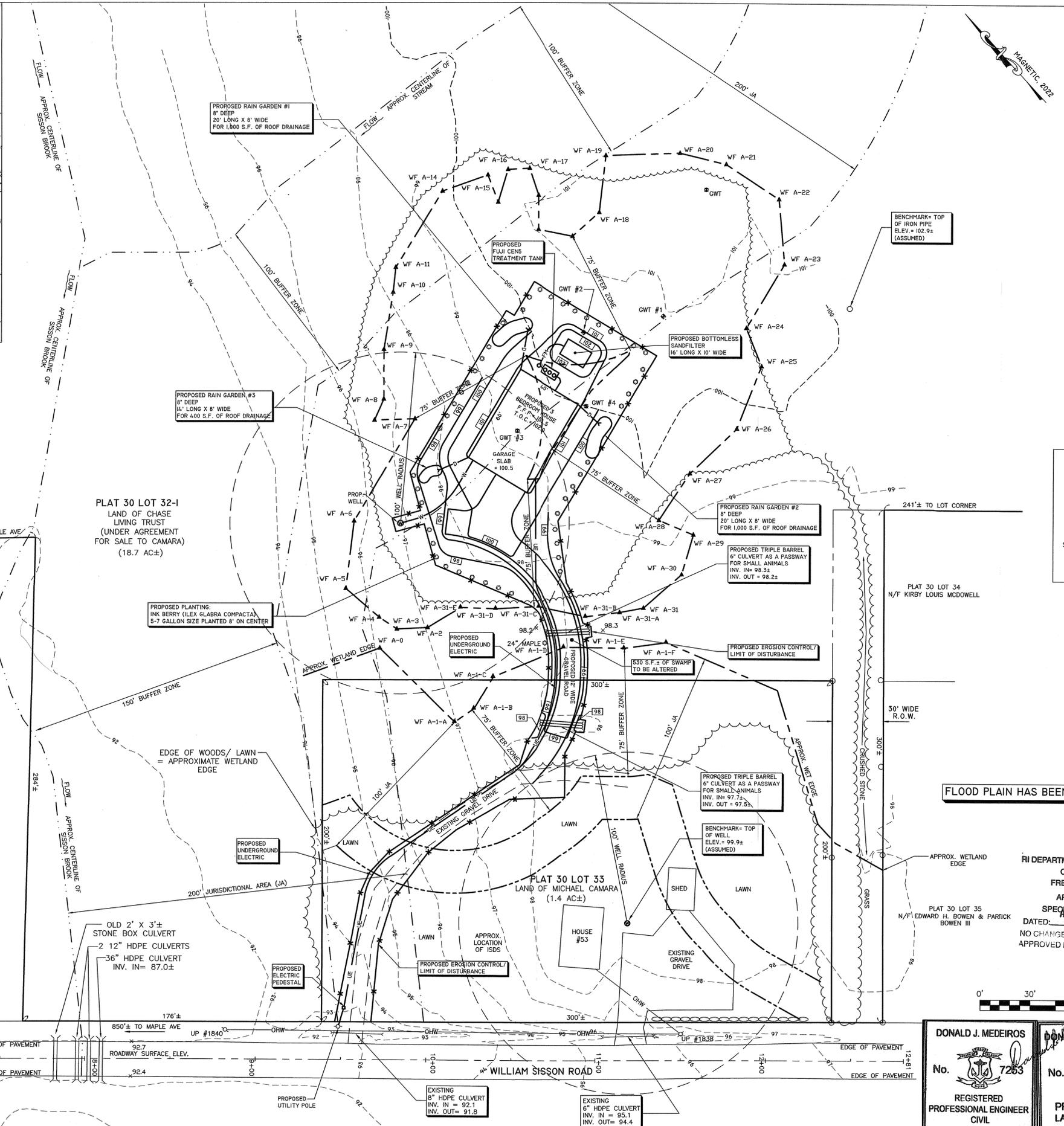
- DRAINAGE DESIGN**
- SITE SOIL: S<sub>6</sub> STISSING SILT LOAM (HSG "D")
  - Soil PITTSTOWN SILT LOAM (HSG "C")
  - SOIL TEXTURE: SILT LOAM
  - IMPERVIOUS AREA = ROOF ONLY
  - \*DRIVEWAY HAS 3" TOP COURSE OF 3/4" ANGULAR CRUSHED STONE
  - ROOF AREA = 2,400 S.F. ±
  - DRAINAGE LID = RAIN GARDEN
  - 8" DEEP DESIGN FOR HSG "D" 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 INUNDATION 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, STRAW BALES, OR COIR LOGS.

- DESIGN CRITERIA**
- DESIGN FLOW = 345 GAL/DAY (3 BEDROOMS)
  - SOIL TEST HOLE #2
  - DEPTH TO SEASONAL HIGH GROUNDWATER = 18"
  - LEACHFIELD DESIGN POINT ELEVATION = 83.5
  - SEASONAL HIGH GROUNDWATER ELEVATION = 76.5
  - SOIL CATEGORY = 6
  - LOADING RATE = 2.3 GAL/SF/DAY
  - REQUIRED LEACHING AREA = 150 SF
  - LEACHING AREA PROVIDED = 160 SF
  - BOTTOMLESS SAND FILTER 10' WIDE X 16' LONG

- LEGEND**
- IRON PIPE FOUND
  - ▭ STONE WALL
  - ⊕ WELL
  - ⊕ GWT
  - UE UNDERGROUND ELECTRIC
  - OHW OVERHEAD WIRES
  - UTILITY POLE
  - W WATER LINE
  - S SANITARY LINE
  - FM FORCE MAIN
  - D DRAIN LINE
  - X SILT FENCE/ EROSION CONTROL
  - EXISTING CONTOUR
  - PROPOSED CONTOUR
  - PROPOSED SPOT GRADE
  - EXISTING SPOT GRADE
  - EDGE OF WOODS/BRUSH/GRASS
  - WF A-1 ▲ WETLAND FLAG



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: 5/20/24 FILE # 23-0098  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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

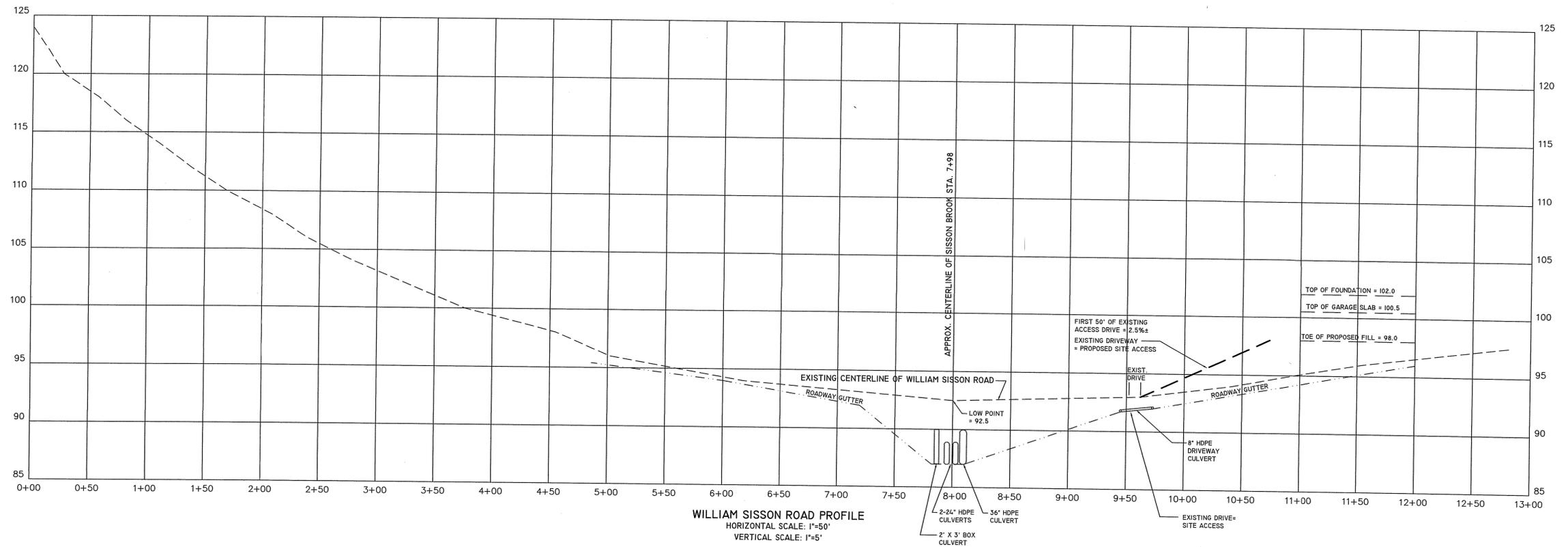
**DONALD J. MEDEIROS**  
No. 7263  
REGISTERED PROFESSIONAL ENGINEER CIVIL

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

**PROPOSED SITE PLAN**  
PREPARED FOR  
**MICHAEL A. CAMARA & FRANCIS CHASE**  
PLAT 30 LOT 33 & LOT 32-1  
53 WILLIAM SISSON ROAD & 40 MAPLE AVE  
LITTLE COMPTON, RHODE ISLAND  
SCALE: 1"=30' DATE: JUNE 30, 2022

JOB #22-016 SHEET 1 OF 3  
REV. #5: 5/20/24: PER RIDM COMMENTS  
291 LONG HIGHWAY  
LITTLE COMPTON, RI 02837  
ABLEENGINEERING@COX.NET

**ABLE Engineering Inc.**  
RI Environmental Management  
MAY 28 2024  
Office of Water Resources



WILLIAM SISSON ROAD PROFILE  
 HORIZONTAL SCALE: 1"=50'  
 VERTICAL SCALE: 1"=5'

VERTICAL DATUM= SITE PLAN DATUM



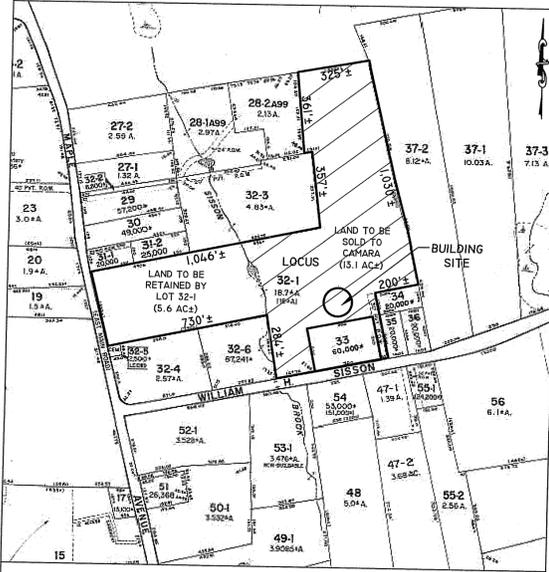
DONALD J. MEDEIROS  
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DONALD J. MEDEIROS  
 No. 1923  
 PROFESSIONAL LAND SURVEYOR

PROFILE-WILLIAM SISSON ROAD  
 PREPARED FOR  
 MICHAEL A. CAMARA & FRANCIS CHASE  
 PLAT 30 LOT 33 & LOT 32-1  
 53 WILLIAM SISSON ROAD & 40 MAPLE AVE  
 LITTLE COMPTON, RHODE ISLAND  
 SCALE: 1"=30' DATE: SEPTEMBER 18, 2023  
 JOB #22-016 SHEET 2 OF 3  
 REV. #5: 5/20/24: PER RIDEM COMMENTS  
 291 LONG HIGHWAY  
 LITTLE COMPTON, RI 02837  
 (401) 592-1302  
 ABLEENGINEERING@COX.NET



MAY 28 2024  
 Office of Water Resources



LOCUS AS SHOWN ON ASSESSOR'S MAP

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PLAT 30 LOT 32-1  
LAND OF CHASE LIVING TRUST  
(UNDER AGREEMENT FOR SALE TO CAMARA)  
(18.7 AC±)

PLAT 30 LOT 33  
LAND OF MICHAEL CAMARA  
(1.4 AC±)

PROPOSED SITE LOCATION

730'± TO LOT CORNER/ MAPLE AVE

PLAT 30 LOT 32-6  
N/F SUSAN D. GAUDREAU

241'± TO LOT CORNER

TOE OF FILL  
ELEV. = 56

APPROX. WETLAND EDGE

EXISTING GRAVEL DRIVE

OLD 2' X 3'±  
STONE BOX CULVERT  
2 12" HDPE CULVERTS  
36" HDPE CULVERT  
INV. IN = 87.0±

EDGE OF PAVEMENT

WILLIAM SISSON ROAD

EDGE OF PAVEMENT

- LEGEND
- 30 --- RIGIS 2' CONTOURS
  - --- CENTERLINE STREAM
  - --- WETLAND EDGE
  - --- LIMIT OF DISTURBANCE



ELEVATION CONVERSION  
SITE PLAN ELEVATION = 100  
LIDAR EXHIBIT ELEVATION = 58  
(ADD 42' TO LIDAR DATUM TO  
EQUAL PROPOSED SITE PLAN DATUM)

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 5/4/16 AS FOLLOWS:

- TYPE OF BOUNDARY SURVEY: NOT A BOUNDARY SURVEY
- MEASUREMENT SPECIFICATION: NONE
- OTHER TYPE OF SURVEY: DATA ACCUMULATION SURVEY; MEASUREMENT SPECIFICATION: III
- TOPOGRAPHIC SURVEY ACCURACY: I-4

STATEMENT OF PURPOSE: THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS TO OBTAIN A WETLAND PERMIT

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

LIDAR EXHIBIT  
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