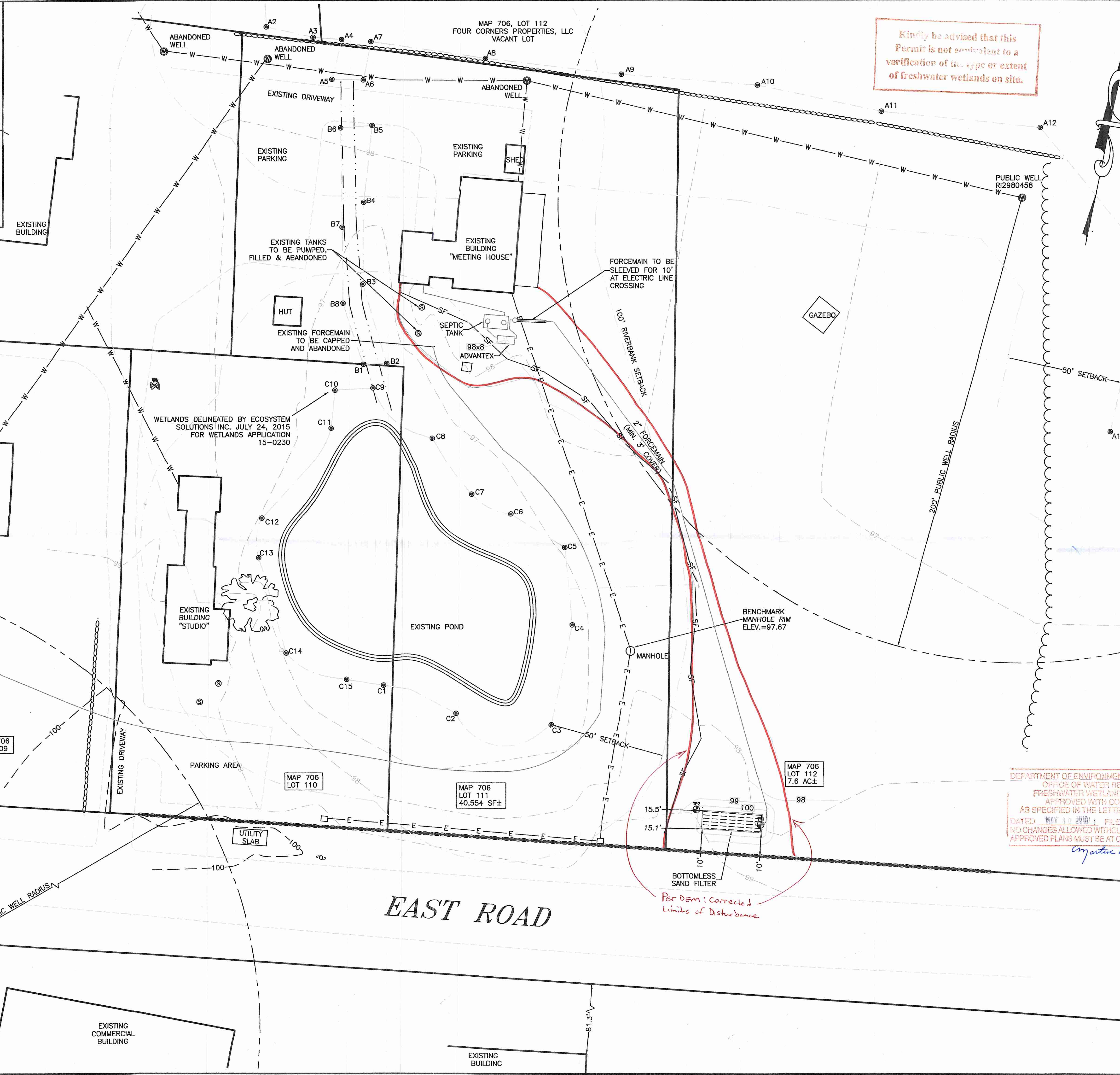
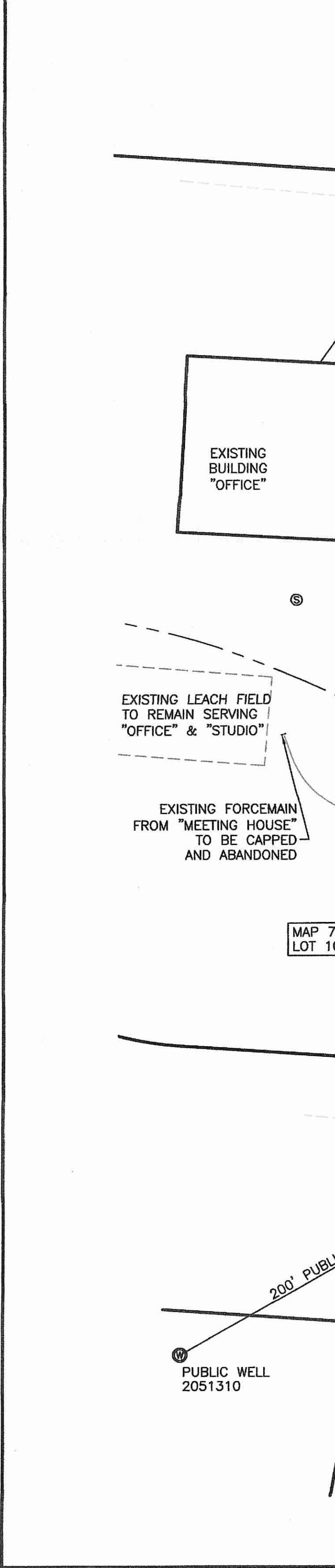


LOCUS MAP  
NOT TO SCALE



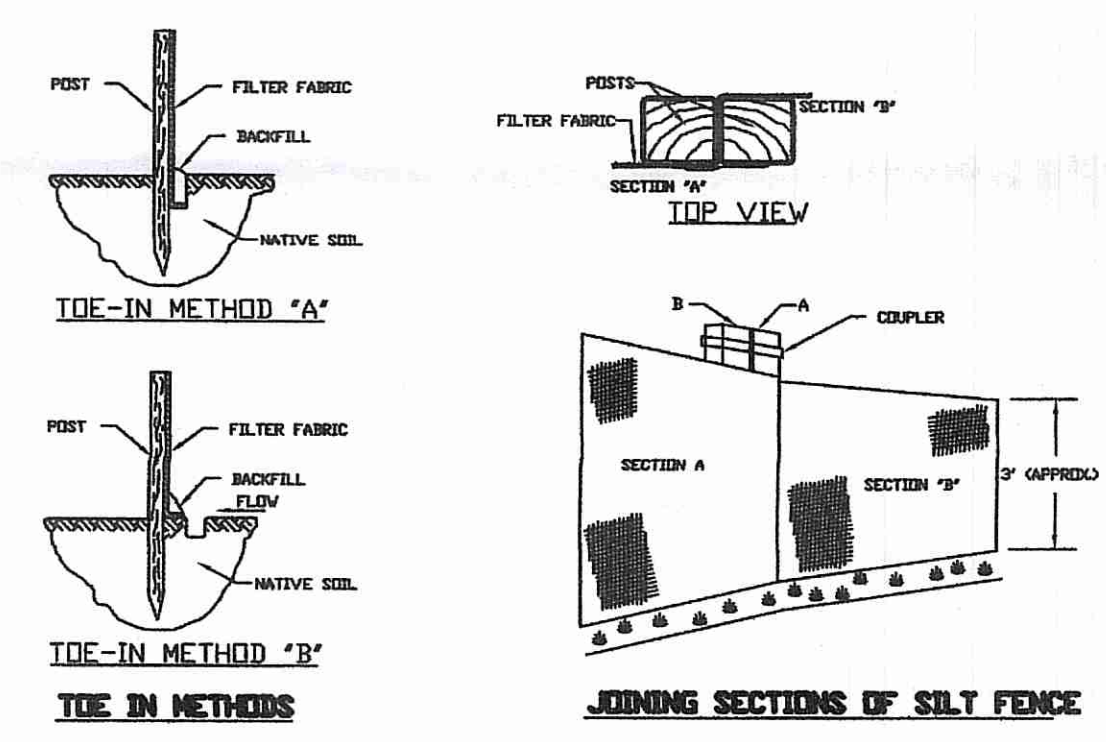
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

**DESIGN CRITERIA:**

TYPE OF ESTABLISHMENT: EXISTING THEATER/AUDITORIUM—NO SIT DOWN MEALS  
 NO ADDITIONAL CAPACITY HAS BEEN PROVIDED FOR GARBAGE GRINDERS  
 DESIGN FLOW: 130 PERSONS X 3 GPD/PERSON = 390 GPD  
 SEPTIC TANK CAPACITY REQUIRED: 1500 GALLONS (2 COMPARTMENT)  
 SEPTIC TANK CAPACITY PROVIDED: 1500 GALLONS (2 COMPARTMENT)  
 DESIGN PERCOLATION RATE: 30 MIN./INCH  
 BOTTOMLESS SAND FILTER  
 CATEGORY 1 SYSTEM LOADING RATE: 1.9 GPD/SF  
 LEACHING CAPACITY REQUIRED: 390 GPD / 1.9 GPD/SF = 205.3 SF  
 LEACHING CAPACITY PROVIDED: 8' x 26' = 208 SF

**GENERAL NOTES**

1. ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE RI DEM AND MOUNT HOPE ENGINEERING.
2. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE STATE ENVIRONMENTAL CODE AND ANY APPLICABLE LOCAL RULES AND REGULATIONS.
3. ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON SHALL BE REPORTED TO MOUNT HOPE ENGINEERING, BEFORE CONSTRUCTION CONTINUES.
4. ALL ELEVATIONS BASED ON ASSUMED DATUM.
5. PER RI DEM REGULATIONS (JULY 2016) AND IN ACCORDANCE WITH SOUND CONSTRUCTION PRACTICE, THE FOLLOWING INSPECTIONS SHALL BE MADE:
  - A. THE CONTRACTOR/HOMEOWNER SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION.
  - B. THE ENGINEER SHALL BE NOTIFIED UPON EXCAVATION OF THE LEACHING FIELD BOTTOM.
  - C. THE ENGINEER SHALL BE NOTIFIED UPON INSTALLATION OF ALL REQUIRED STRUCTURES. SAND AND AGGREGATE SHALL MEET THE SPECIFICATION BELOW AND SHALL BE APPROVED BY THE ENGINEER.
  - D. THE ENGINEER SHALL BE NOTIFIED UPON COMPLETION AND PRIOR TO FINAL COVER OF THE SYSTEM.
  - E. THE ENGINEER SHALL BE NOTIFIED AFTER ALL BACKFILL AND FINAL GRADING HAS BEEN COMPLETED, INCLUDING REQUIRED FILL PERIMETER.
  - F. THE CONTRACTOR SHALL SUPPLY A LIST OF ALL MATERIALS USED, SOURCE OF MATERIAL, AND DATES DELIVERED TO THE SITE.
6. REMOVE ALL UNSUITABLE MATERIAL WITHIN THE LIMITS OF EXCAVATION AND REPLACE WITH THE FOLLOWING: FILL MATERIAL AROUND LEACHING FACILITIES SHALL BE FREE OF CLAY, FINES, DUST, ORGANIC MATTER, AND OTHER DELETERIOUS MATERIAL, AND SHALL HAVE A PERCOLATION RATE OF 2 MIN/IN OR LESS. IT SHALL BE GRADED SUCH THAT, OF THE MATERIAL PASSING THE #4 SIEVE, LESS THAN 7% SHALL PASS THE #100 SIEVE AND LESS THAN 3% SHALL PASS THE #200 SIEVE. MATERIAL SHALL BE REMOVED TO ELEV. -97.0
7. PUBLIC AND PRIVATE WELLS WITHIN 200' OF SYSTEM SHOWN ON PLAN EXCEPT AS SHOWN. NO DRAINS WITHIN 25'.
8. HOMEOWNER SHALL OBTAIN REQUIRED O&M AGREEMENT FOR TREATMENT TECHNOLOGY MAINTENANCE THROUGH THE EQUIPMENT VENDOR. COPIED AGREEMENT SHALL BE RECORDED AT THE LOCAL TOWN HALL BY THE OWNER. COPY OF THE RECORDED AGREEMENT TO BE PROVIDED TO THE ENGINEER FOR SUBMITTAL TO DEM FOR FINAL COMPLIANCE.
9. PROPERTY LINE INFORMATION TAKEN FROM ASSESSORS MAP AND PLAN TITLED "OWTS MODIFICATIONS PLAN", DRAWN BY NARRAGANSETT ENGINEERING, INC., REVISION DATED DECEMBER 21, 2015.



**SILT FENCE DETAIL**  
NOT TO SCALE

APR 20 2018

**LEGEND**

- 56 --- EXISTING CONTOURS
- 56 --- PROPOSED CONTOURS
- D --- DRAIN LINE
- W --- WATER LINE
- ⊕ --- TEST PIT
- 56x5 --- EXISTING SPOT GRADE
- 56x5 --- PROPOSED SPOT GRADE
- --- BOUND
- SF --- SILT FENCE/LOD

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS  
 AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED MAY 10 2018 FILE # 18-0086  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Christopher Weir*

REVISED 4-18-18 MOVED SILT FENCE

| EROSION & SEDIMENT CONTROL PLAN                                 |   |                       |
|---|---|-----------------------|
| PREPARED FOR: ROSALYN WEIR<br>PO BOX 98<br>ADAMSVILLE, RI 02801 | SCALE: 1" = 20'   | DATE: 01/09/17        |
| OWNED BY: FOUR CORNERS PROPERTIES, LLC                          | DRAWN: AB   | DESIGN: TC            |
| LOCATION: MAP 706, LOTS 111-112<br>28 EAST ROAD, TIVERTON       | CHECKED: TC   | PROJECT NO.<br>16-120 |
| TODD CHAPLIN<br>REGISTERED PROFESSIONAL ENGINEER                | <b>Mount Hope ENGINEERING</b><br>CIVIL/ENVIRONMENTAL SERVICES<br>Post Office Box 943<br>Portsmouth, Rhode Island 02871<br>(401) 683-1934/(508) 379-1234 | SHEET NO.<br>1 OF 1   |