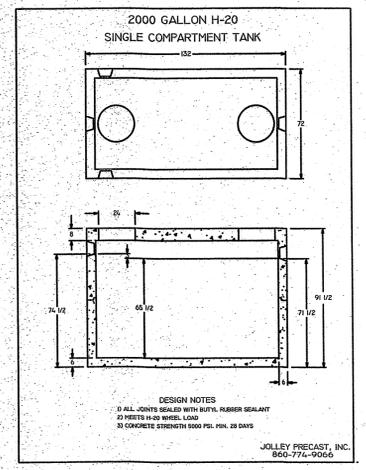
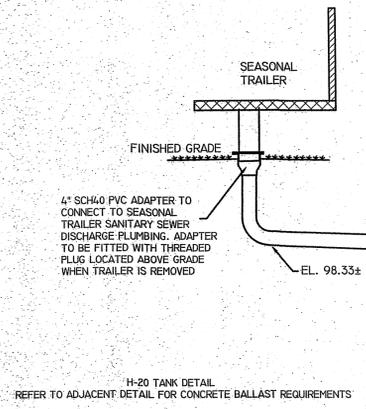
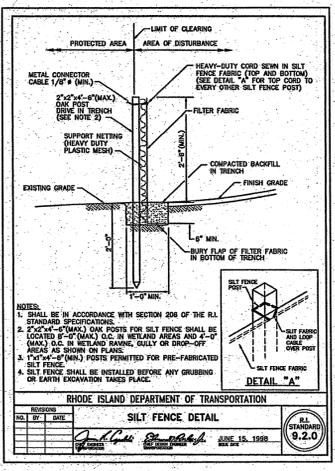
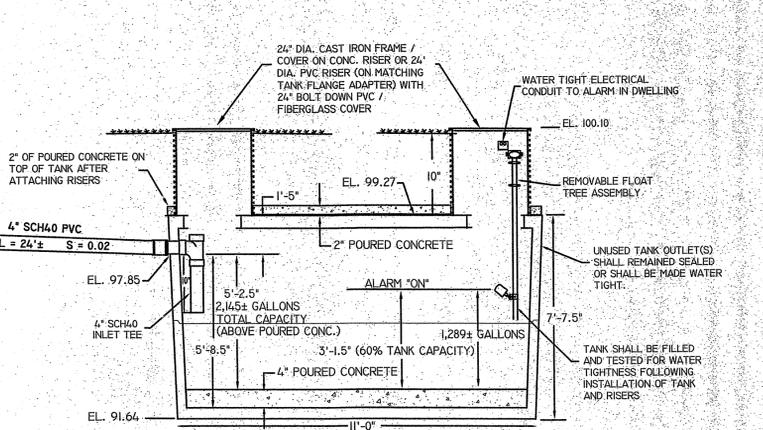


COMPOST FILTER (SILT) SOCK MAY BE UTILIZED IN PLACE OF SILT FENCING OR HAYBALES

COMPOST FILTER SOCK SPECIFICATIONS:
 COMPOST FILTER SOCK SHALL COMPLY WITH SECTION 206.01.44, 206.02.04, AND 206.03.04 OF THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED 2013 WITH ALL REVISIONS, AS FOLLOWS:
 COMPOST FILTER SOCK MATERIAL SHALL BE IN ACCORDANCE WITH AASHTO DESIGNATION MP 9-06 (2007 OR LATER EDITION). COMPOST MATERIAL SHALL ALSO MEET ALL APPLICABLE FEDERAL AND STATE REGULATIONS. FOR COMPOST FILTER SOCKS 18 INCHES OR LESS IN DIAMETER, WOODEN STAKES SHALL BE 1 INCH BY 1 INCH AT 30 FOOT INTERVALS ON CENTER, AND OF A LENGTH THAT SHALL PROJECT INTO THE SOIL 1 FOOT LEAVING 3 INCHES TO 4 INCHES PROTRUDING ABOVE THE FILTER SOCK.



PROCESSING TANK
 TANK TYPE: 2000 GALLON H-20 TANK WT.: 24,200 LBS.
 COVERS, RISERS (PVC/FIBERGLASS) = 59 LBS
 WEIGHT OF EARTH COVER: 0.67' MIN. X 11.0' X 6.0' X 90 LBS/C.F. = 3,980 LBS.
 3,980 LBS. ÷ [4.2 CF (MINIMUM RISER AREA X 90)] = 948 LBS NET SOIL WT.
 CONCRETE BALLAST:
 TOP OF TANK: 0.17' X 11.0' X 6.0' = 11.22 CF
 11.22 CF ÷ 1.07 CF (AREA OF RISERS) = 10.49 CF
 10.49 CF X 150 LBS/CF = 1,573 LBS
 INSIDE TANK: 0.33' X 10.33' X 5.33' = 18.17 CF
 18.17 CF X 150 LBS/CF = 2,725 LBS
 UPWARD LIFT (NEGLECTING SOIL FRICTION):
 11.0' (LENGTH) X 6.0' (WIDTH) X 7.5' (MAX. SUBMERGED DEPTH) X 62.4 LBS/C.F. = 30,888 LBS.
 SAFETY FACTOR:
 24,200 + 3,602 + 39 + 1,522 + 2,725 = 30,888 = 1.04 (EXCLUDING INTERIOR WASTEWATER)



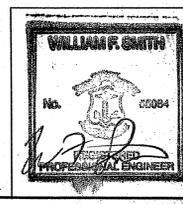
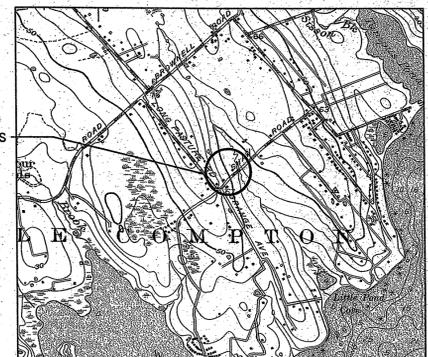
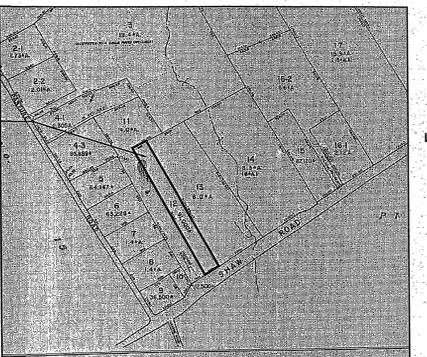
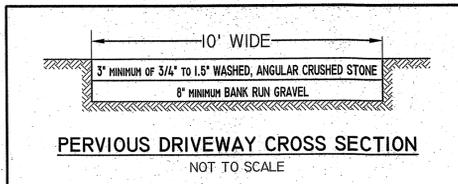
GENERAL NOTES

1. THIS PLAN IS FOR THE INSTALLATION OF A WASTEWATER TIGHT (HOLDING) TANK TO SERVICE A SEASONAL, 2-BEDROOM TRAILER.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF THE START DATE FOR CONSTRUCTION, AND PROVIDE 48 HOUR NOTICE TO THE ENGINEER OF ANY REQUIRED INSPECTIONS.
3. THE TIGHT TANK SHALL BE H-20 RATED WITH ALL SEAMS WATER TIGHT, AND SHALL COMPLY WITH RULE 6.29.
4. THE TIGHT TANK SHALL BE INSTALLED ON A 4" (MIN) LAYER OF 3/4" COMPACTED STONE, THE REQUIRED CONCRETE BALLAST, BOTH INSIDE THE TANK AND ON TOP, SHALL BE POURED IMMEDIATELY AFTER SETTING TANK AND THE INSTALLATION OF THE RISERS.
5. 24" DIA. RISERS SHALL BE SECURED TO THE TOP OF THE TANK AND MADE WATER TIGHT. COVERS SHALL CONFORM TO RULE 6.29(B)(4) AND RULE 6.27(H). THE USE OF BOLT DOWN GASKETTED FIBERGLASS COVERS REQUIRES THE CONTRACTED PUMPER TO BE FURNISHED WITH THE PROPER TOOL(S) FOR BOLTING THE COVERS.
6. BACKFILL MATERIAL SURROUNDING TANK SHALL BE COMPACTED IN 8" TO 12" LAYERS. TOP 4" SHALL BE SCREENED LOAM, SEEDED AND FERTILIZED OR HYDROSEDED.
7. CONNECTION TO ATTACH TRAILER DISCHARGE PLUMBING SHALL BE FITTED WITH THREADED PLUG TO PREVENT WATER INTRUSION INTO PIPING / TANK WHEN TRAILER IS REMOVED FROM SITE.
8. THE ALARM FLOAT ASSEMBLY SHALL BE ATTACHED TO INSIDE OF RISER AND SHALL BE REMOVABLE (FOR MAINTENANCE) WITHOUT REQUIRING ENTRY INTO THE TANK. FLOAT ALARM PANEL TO BE MOUNTED INDOOR IN A NORMALLY USED OR OCCUPIED AREA OF THE STRUCTURE.
9. THE ALARM PANEL SHALL BE MOUNTED ON P.T. POST(S) AND SHALL BE EQUIPPED WITH A WATER TIGHT CONNECTION TO THE TRAILERS PEDESTAL OR POLE MOUNTED ELECTRICAL SERVICE.
10. THE HOLDING TANK SHALL BE PUMPED AS NECESSARY WHENEVER THE ALARM SOUNDS.

NOTES FOR TEMPORARY DISTURBANCE TO INSTALL WELL

9. EROSION CONTROL SHALL BE ESTABLISHED PRIOR TO ANY WORK.
10. WELL DRILLING TO TAKE PLACE DURING LOW GROUNDWATER PERIOD OF JULY 1 - OCTOBER 31.
11. ALL SPOILS FROM WELL DRILLING SHALL BE REMOVED FROM THE PROPERTY.
12. UPON COMPLETION, THE DISTURBED AREA SHALL BE RAKED OUT TO ELIMINATE RUTS, SEEDED WITH A NEW ENGLANDS WETMIX (OR EQUIVALENT), THEN MULCHED WITH LOOSE STRAW. THE AREA SHALL BE PLANTED WITH THE FOLLOWING:
 12 - HIGH BUSH BLUEBERRY (VACCINIUM CORYMBOSUM)
 12 - ARROWWOOD (VIBURNUM DENTATUM)
13. EACH SHALL BE A 3 - 5 GALLON POTTED STOCK. SPACING SHALL BE 5' ON CENTER.

TOTAL L.O.D. WITHIN FRESHWATER WETLAND:
 PERMANENT = 2,665 SF
 TEMPORARY = 700 SF



#5: 1/04/23: ADD STORMWATER NOTE FOR CONC. PAD, EXTEND WETLAND EDGE ALONG ROAD
PER RIDEM MEETING COMMENTS
#2: 5/11/22: ADDITIONAL WETLAND FLAGGING
#1: 12/01/21: PER RIDEM REVIEW COMMENTS
REVISIONS:

SITE PLAN FOR DEM APPLICATION TO ALTER A FRESHWATER WETLAND

SHIRLEY MCHUGH

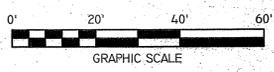
ASSESSOR'S PLAT 32 LOT 12 SHAW ROAD
 LITTLE COMPTON, RHODE ISLAND

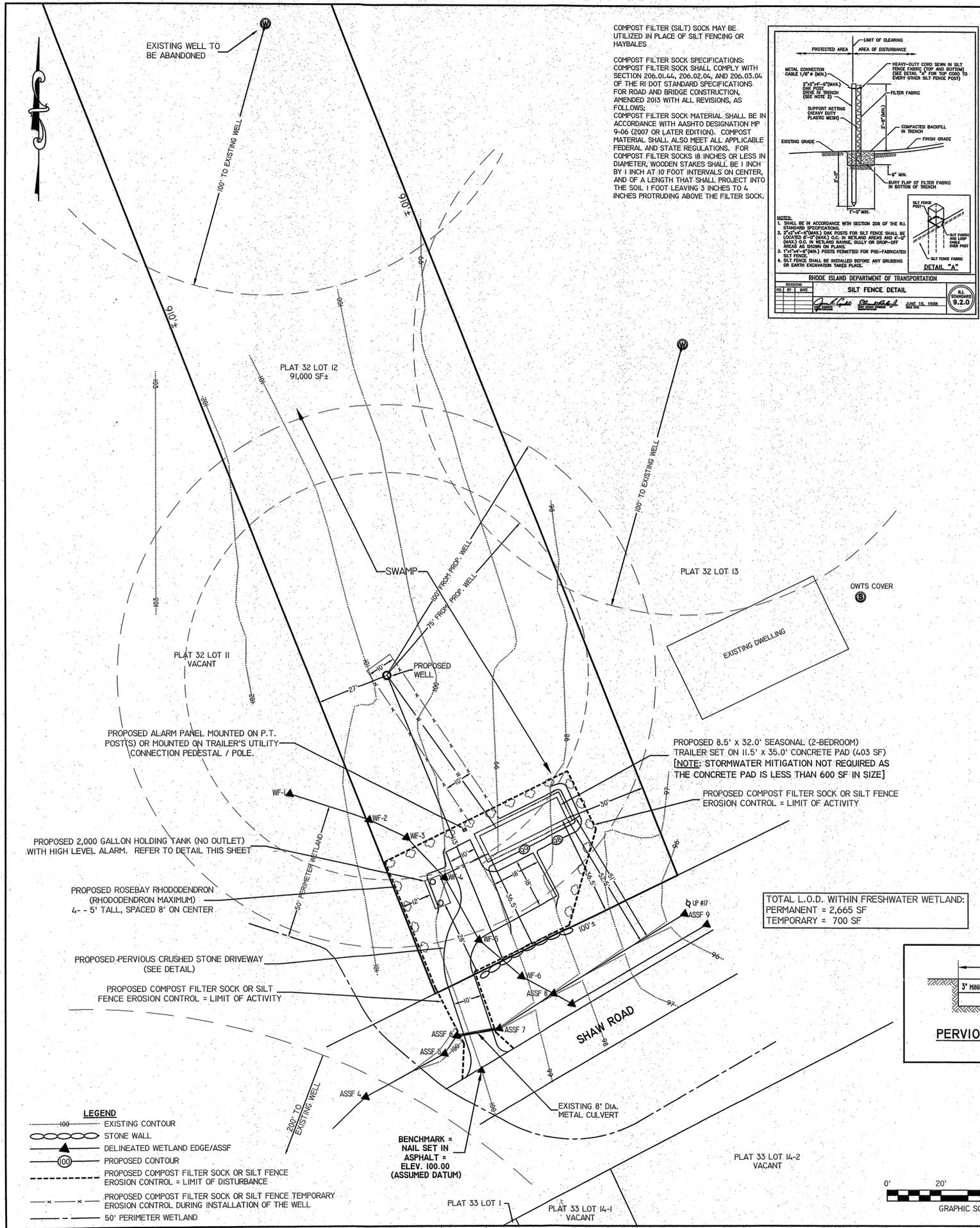
SCALE: 1" = 20' DATE: JULY 1, 2021

Civil Engineering Concepts, Inc.
 34A MAIN STREET
 LITTLE COMPTON, RI 02857
 PH: (401) 592-0177
 FAX: (401) 592-0178
 EMAIL: wsmthccc@aol.com

Office of Water Resources
 Environmental Management
 JAN 19 2023

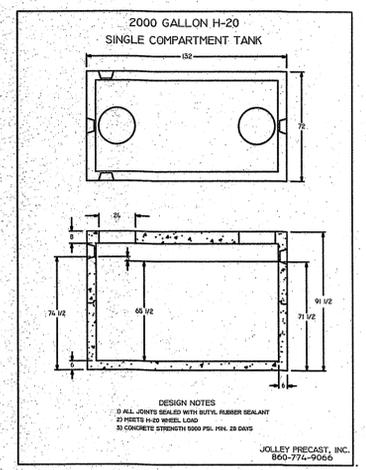
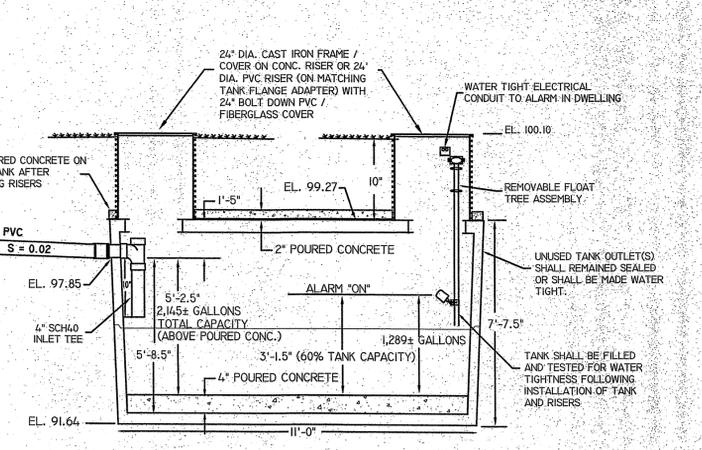
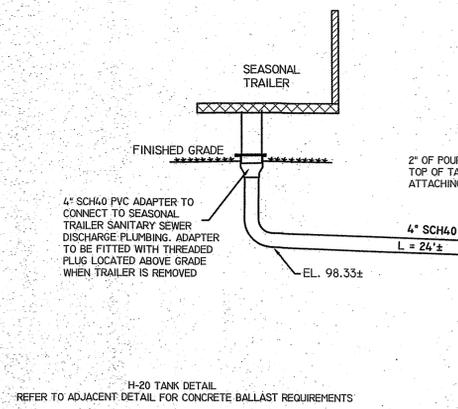
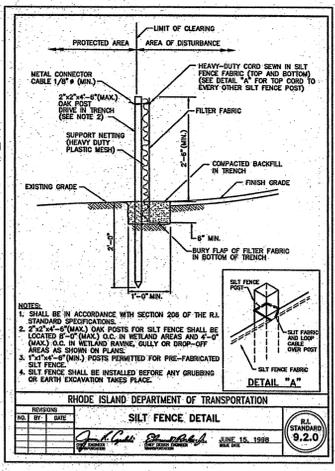
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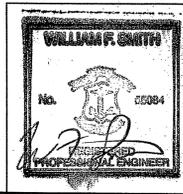
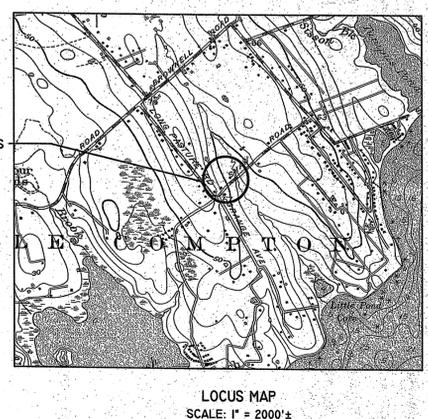
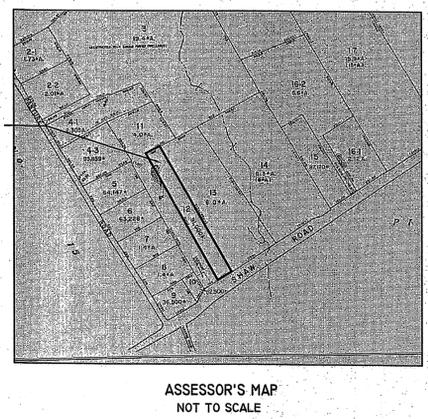
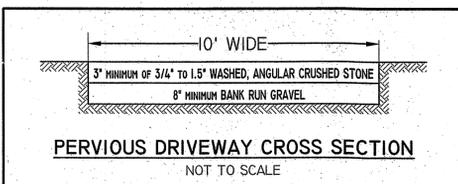


PROCESSING TANK
 TANK TYPE: 2000 GALLON H-20 TANK WTL. 24,200 LBS.
 COVERS, RISERS (PVC/FIBERGLASS) = 39 LBS
 WEIGHT OF EARTH COVER: 0.67' MIN. X 11.0' X 6.0' X 90 LBS/C.F. = 3,980 LBS.
 3,980 LBS. ÷ [A. 2' OF MANHOLE RISER AREA X 90'] = 3,602 LBS NET SOIL WT.
 CONCRETE BALLAST:
 TOP OF TANK: 0.17' X 11.0' X 6.0' = 11.22 CF
 11.22 CF = 1.07 CF (AREA OF RISERS) = 10.15 CF
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ASSESSOR'S PLAT 32 LOT 12
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P.O. BOX 5325
 NEW BEDFORD, MA 02742
 (508) 990-4900
 EMAIL: wsmithcec@aol.com

Office of Water Resources
 JAN 19 2023

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