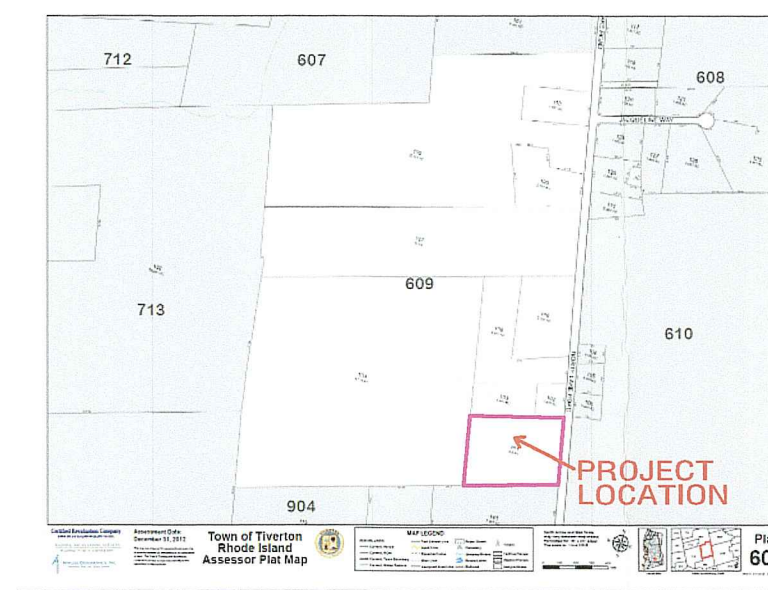
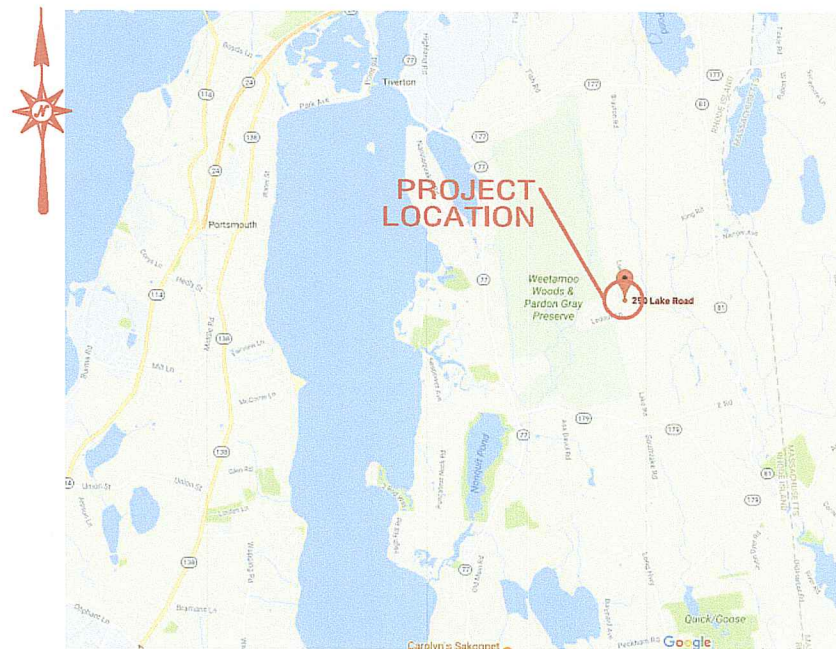


**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM**

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



PLAT MAP
NOT TO SCALE



LOCUS MAP
NOT TO SCALE

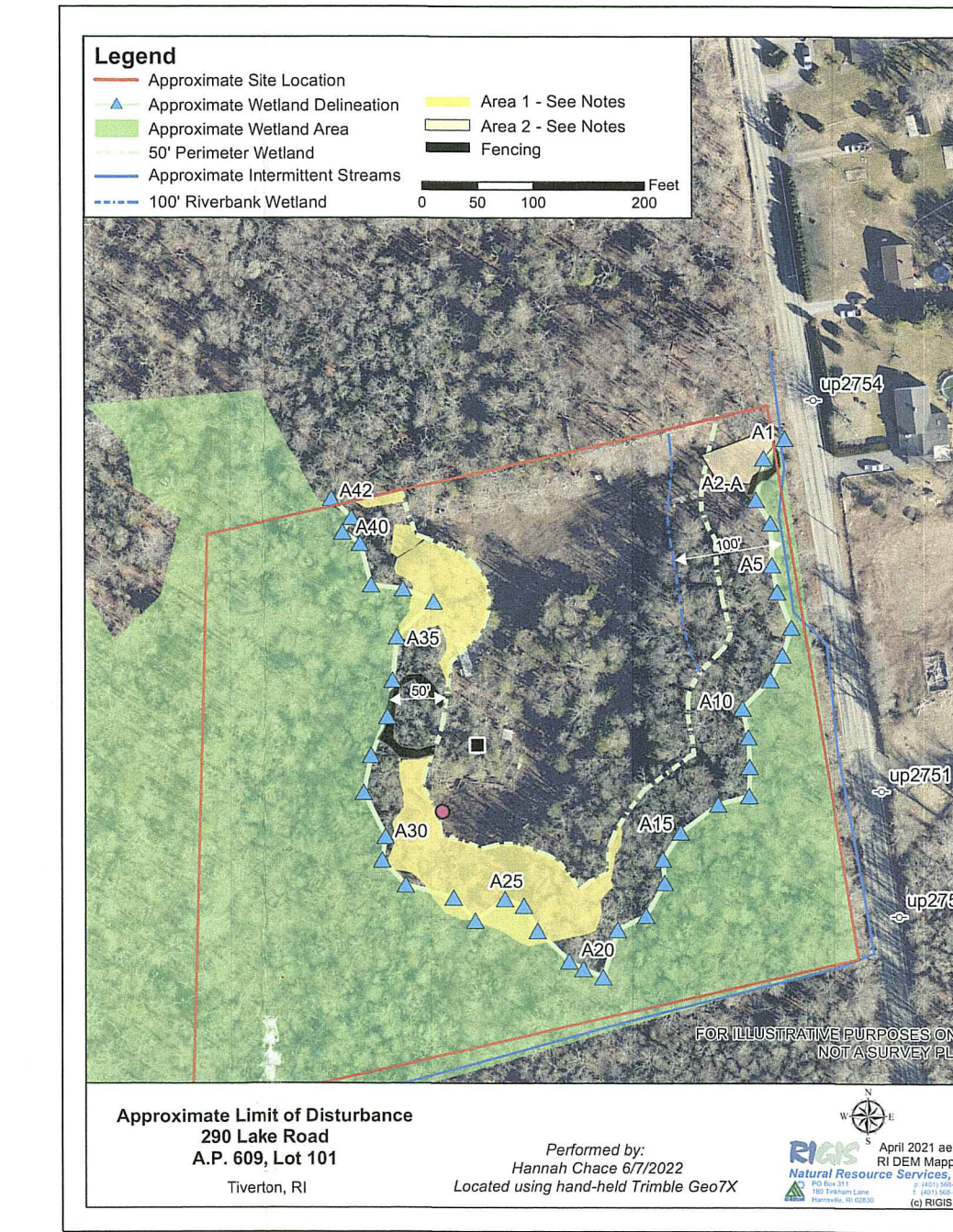
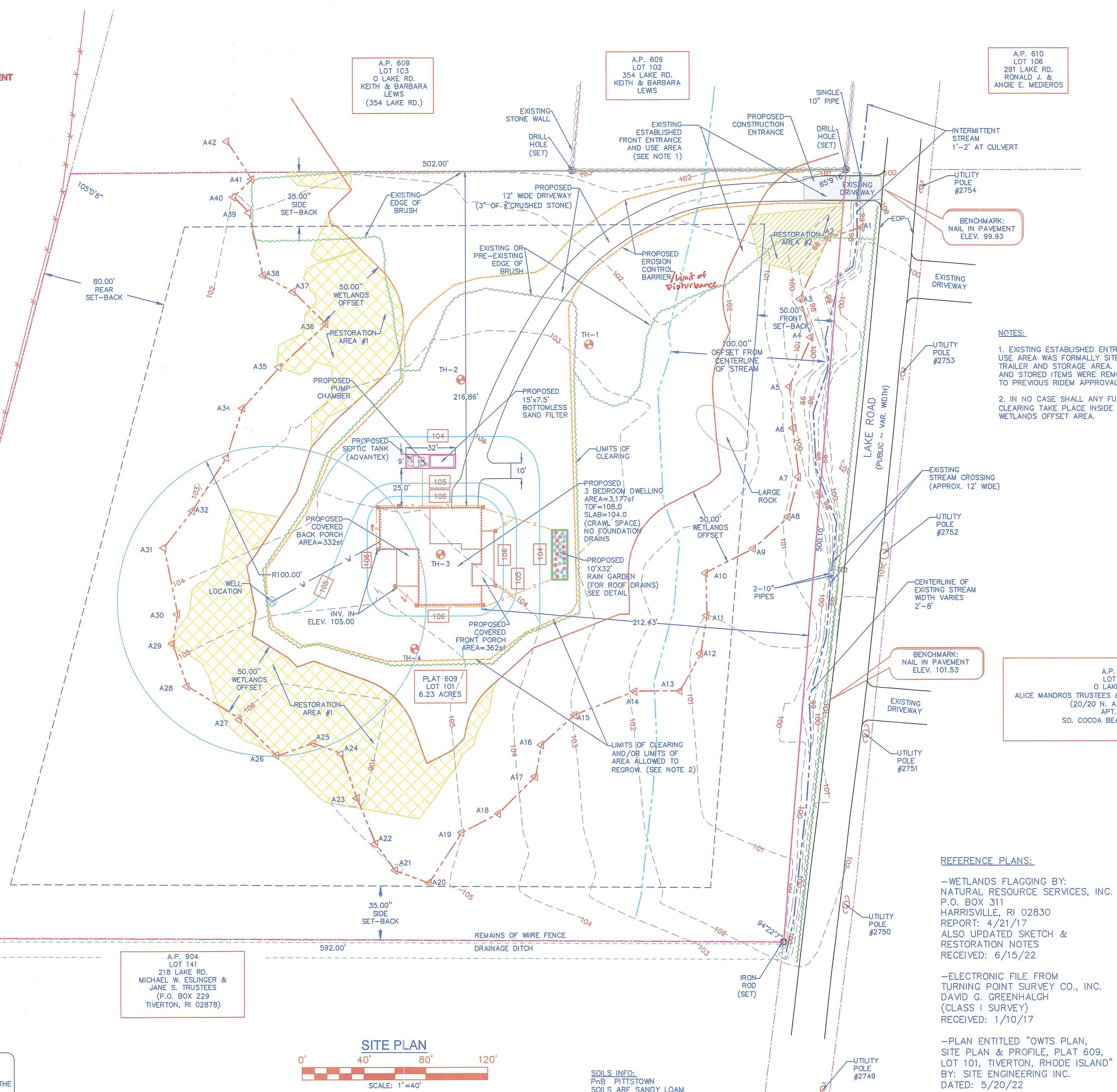
REVISED PER	BILOGIST COMMENTS	DATE	APP'VD
001		6/28/22	

DESIGN	DR.	CHK.	DATE
RB	VS	RB	6/16/22

SEI
SITE ENGINEERING INC.
CIVIL • COASTAL • STRUCTURAL
75 WOOD ST.
TIVERTON, RI 02869
PHONE: (401) 263-8831

SITE PLAN
PLAT 609, LOT 101
LAKE ROAD
RHODE ISLAND
TIVERTON,

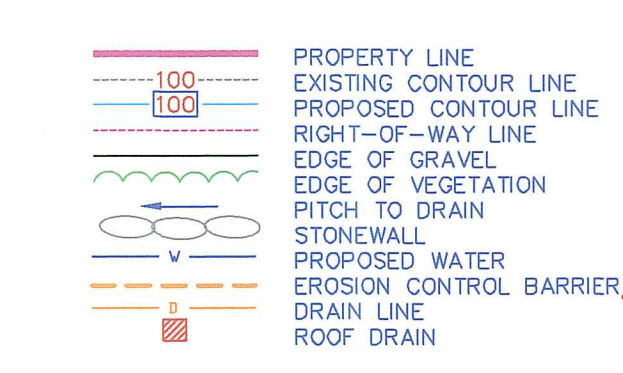
SCALE: AS NOTED
SHEET 1 OF 2
SP-1



WETLANDS SKETCH
NOT TO SCALE

- NOTES FOR WETLAND RESTORATION**
- AREA 1 = ±21,060 SQ FT
 - TO BE RESTORED WITH THE FOLLOWING TREES AND SHRUBS:
 - (15) RED MAPLE (ACER RUBRUM)
 - (15) RED OAK (QUERCUS RUBRA)
 - 5'-6" TALL, SPREAD 15' ON-CENTER
 - (50) SWEET PEPPERBUSH (CLETHRA ALNIFOLIA)
 - (50) ARROWWOOD (VIBURNUM DENTATUM)
 - (50) MOUNTAIN LAUREL (KALMIA LATIFOLIA)
 - 2'-3' TALL, SPREAD 6' ON-CENTER
 - TRAILER, RV AND ALL EQUIPMENT TO BE REMOVED FROM PERIMETER WETLAND.
 - SLASH PILES AND FENCING TO BE REMOVED FROM PERIMETER WETLAND.
 - AREA 2 = ±1,885 SQ FT
 - TO BE RESTORED WITH THE FOLLOWING SHRUBS:
 - (20) SWEET PEPPERBUSH (CLETHRA ALNIFOLIA)
 - (20) ARROWWOOD (VIBURNUM DENTATUM)
 - 2'-3' TALL, SPACED 6' ON-CENTER

REFERENCE PLANS:
-WETLANDS FLAGGING BY: NATURAL RESOURCE SERVICES, INC. P.O. BOX 311 HARRISVILLE, RI 02830 REPORT: 4/21/17 ALSO UPDATED SKETCH & RESTORATION NOTES RECEIVED: 6/15/22
-ELECTRONIC FILE FROM TURNING POINT SURVEY CO., INC. DAVID G. GREENHALGH (CLASS I SURVEY) RECEIVED: 1/10/17
-PLAN ENTITLED "OWTS PLAN, SITE PLAN & PROFILE, PLAT 609, LOT 101, TIVERTON, RHODE ISLAND" BY: SITE ENGINEERING INC. DATED: 5/20/22



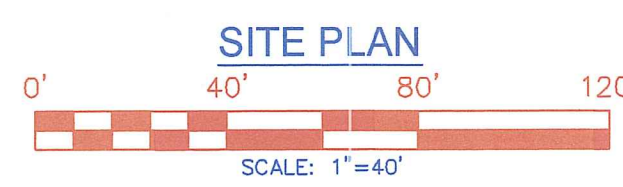
**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM**
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: NUV - 3 wcl FILE # 22-0314
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Martin A Wemek

Blanchard
PROFESSIONAL ENGINEER
6016

OWNER INFO:
VICTOR PEREIRA
24 MAIN ST.
PAWTUCKET, RI 02860

ZONE: R-80
MIN. LOT AREA - 80,000 SF
MIN. LOT FRONTAGE - 200.00'
SETBACKS:
FRONT - 50.00'
REAR - 80.00'
SIDE - 35.00'

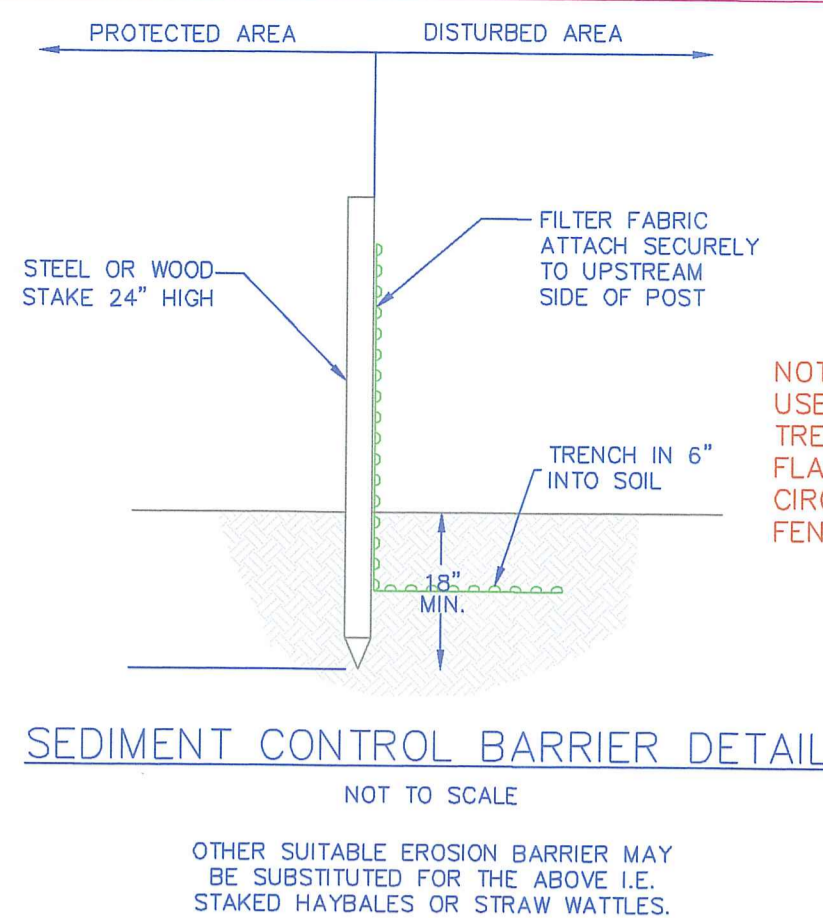
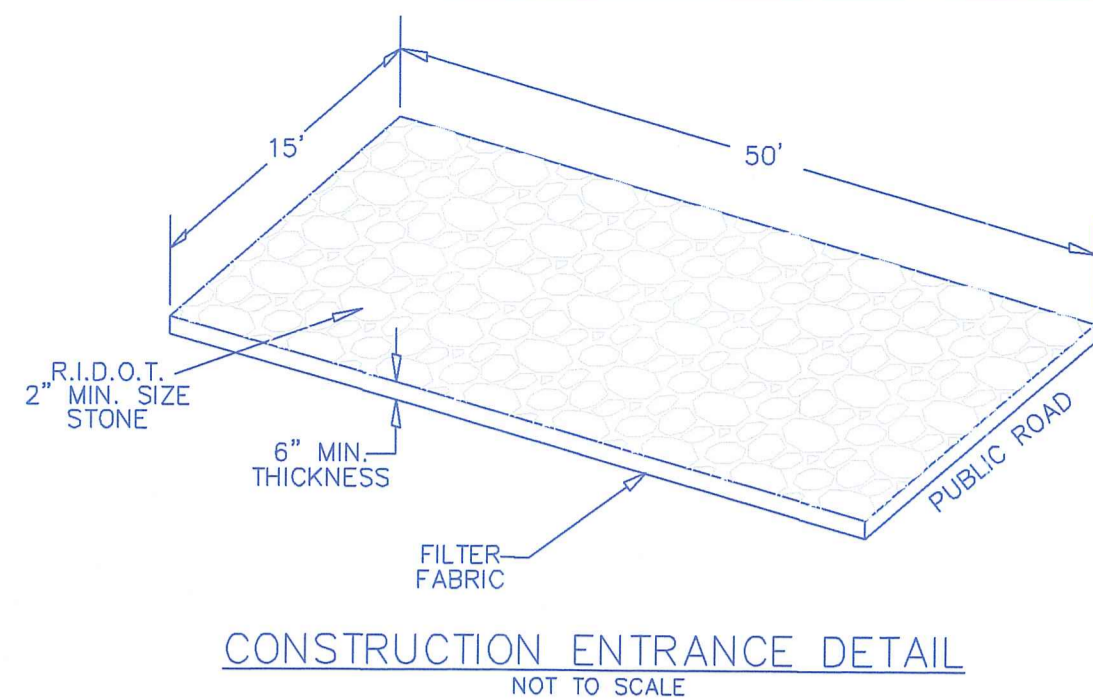
F.I.R.M. # 440050108J
EFFECTIVE DATE:
SEPTEMBER 4, 2013 ZONE X
AREAS DETERMINED TO BE OUTSIDE THE
0.2% ANNUAL CHANCE FLOOD PLAIN.



SOILS INFO:
PH#8 FITTSTOWN
SOILS ARE SANDY LOAM

EROSION CONTROL NOTES

1. THIS PROJECT PROPOSES TO CONSTRUCT A SINGLE FAMILY DWELLING.
2. EXCAVATION WORK WILL INVOLVE APPROX. 0 CYDS OF CUT AND APPROX. 100 CYDS OF FILL.
3. IT IS EXPECTED THAT CONSTRUCTION WILL TAKE 9-12 MONTHS.
4. AT ALL TIMES DURING CONSTRUCTION EROSION CONTROL MEASURES ARE TO BE IN PLACE IN ACCORDANCE WITH THIS PLAN.
5. PRIOR TO COMPLETION OF THE PROJECT ALL DRAINAGE MITIGATION MEASURES SHALL BE IN PLACE.
6. PRIOR TO START AND AT END OF CONSTRUCTION, CONTRACTOR SHALL NOTIFY TOWN OF TIVERTON BUILDING OFFICIAL.
7. AN EROSION CONTROL BARRIER IS TO BE IN PLACE AND PROPERLY MAINTAINED DURING ALL EXCAVATION WORK. THE EXTENT OF THE BARRIER IS SHOWN ON SITE PLAN. THE EXTENT OF DISTURBANCE WILL BE LIMITED TO THE CONFINES OF THE BARRIER.
8. INSTALLATION REQUIREMENTS FOR THE BARRIER SHALL BE IN STRICT ACCORDANCE WITH THE DETAIL. THE BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN FINISHED GRADED AND STABILIZED WITH LOAM AND SEED. ANY AREAS THAT WILL REMAIN DISTURBED FOR A PERIOD LONGER THAN 30 DAYS SHALL BE COVERED WITH A LAYER OF STRAW MULCH.
9. A CONSTRUCTION ENTRANCE IS SHOWN ON THE PLAN. TRUCK TRAFFIC IS TO BE CONFINED TO THE DRIVEWAY AREA. THE EXISTING PAVED DRIVEWAY SHALL BE USED FOR THE CONSTRUCTION ENTRANCE.
10. IF ENTRANCE SLOPES TOWARDS ROAD, PLACE HAY BALES AT ENTRANCE AT END OF DAY.
11. THE ANTICIPATED TEMPORARY STOCKPILE AREA IS INDICATED ON THE SITE PLAN. THE CONTRACTOR MAY ADJUST THE LOCATION OF THE AREA AS MAY BE CONVENIENT FOR OPERATION PURPOSES. THE LOCATION MAY BE ANYWHERE WITHIN THE AREA PROTECTED BY THE EROSION CONTROL BARRIER. SHOULD THE CONTRACTOR DECIDE TO STOCKPILE OUTSIDE OF THE PROTECTED AREA, A SEPARATE EROSION CONTROL BARRIER MUST BE INSTALLED AND MAINTAINED ON THE DOWN GRADIENT SIDE OF THE STOCKPILE.
12. UPON COMPLETION OF SITE WORK, ALL DISTURBED AREAS SHALL BE STABILIZED WITH LOAM AND SEED. IN ADDITION, A LAYER OF STRAW MULCH SHALL BE PROVIDED.



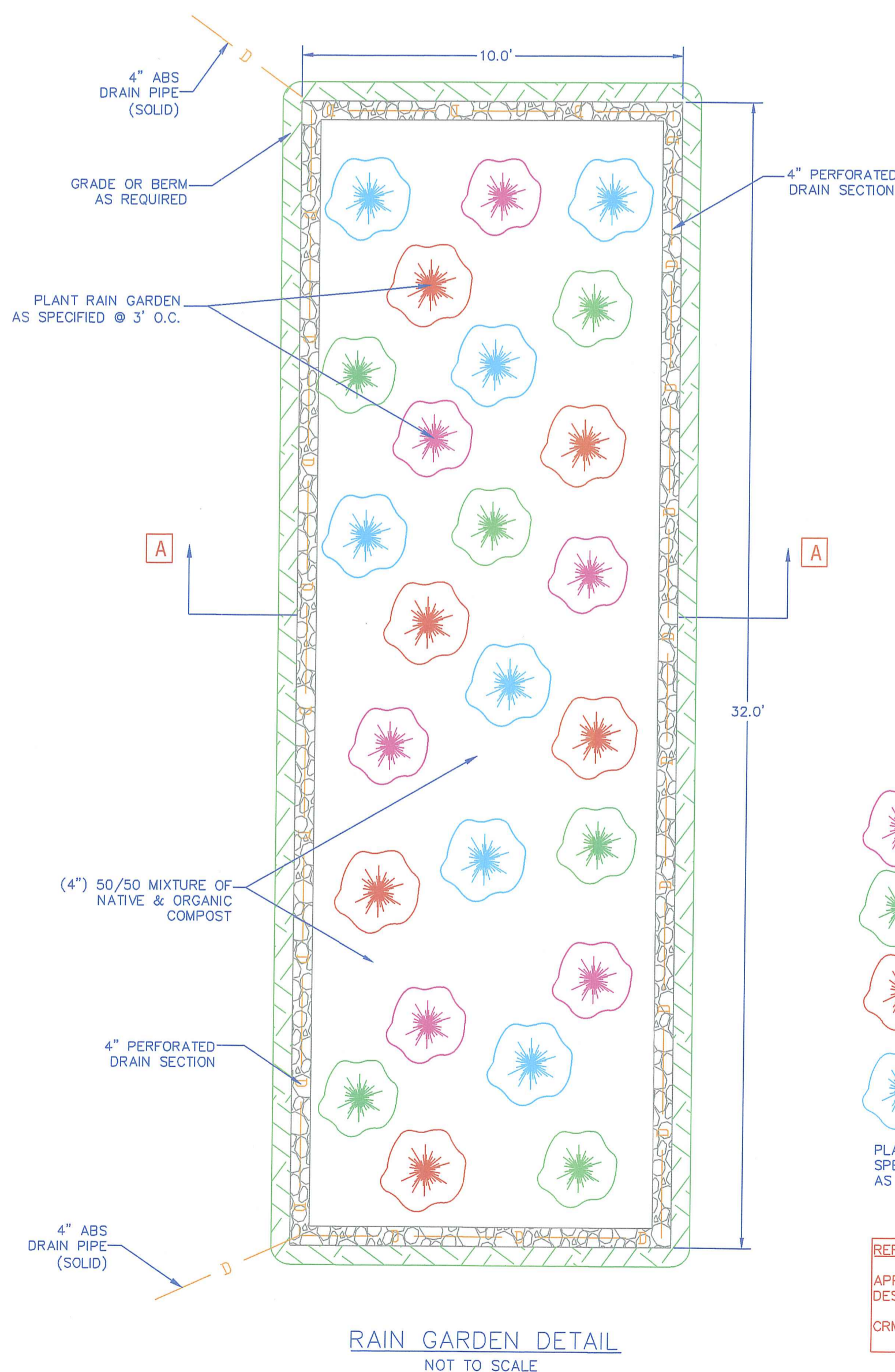
NOTE:
USE OF SILT FENCE REQUIRES TRENCHING IN OR COVERING INSIDE FLAP WITH EARTH. UNDER NO CIRCUMSTANCES SHALL SILT FENCE BE LEFT WITHOUT TRENCHING IN.

PROPOSED CONDITIONS:

ROOF AREAS:
HOUSE = 3,177sf
FRONT PORCH = 362sf
BACK PORCH = 332sf
TOTAL PROPOSED ROOF AREA=3,871sf

RAIN GARDEN
CONTRIBUTING ROOF AREA = 3,871sf
FOR 8" DEEP RAIN GARDEN:
80 sf/1,000sf AREA (SANDY SOILS)
CONTRIBUTING ROOF 3,871 sf
REQUIRED AREA 3,871/1,000X80=310 sf
AREA PROVIDED 10'X32'=320sf

NOTE:
ROOF SHALL HAVE GUTTERS AND DOWNSPOUTS AND ALL DOWNSPOUTS SHALL BE PIPED TO RAIN GARDEN.



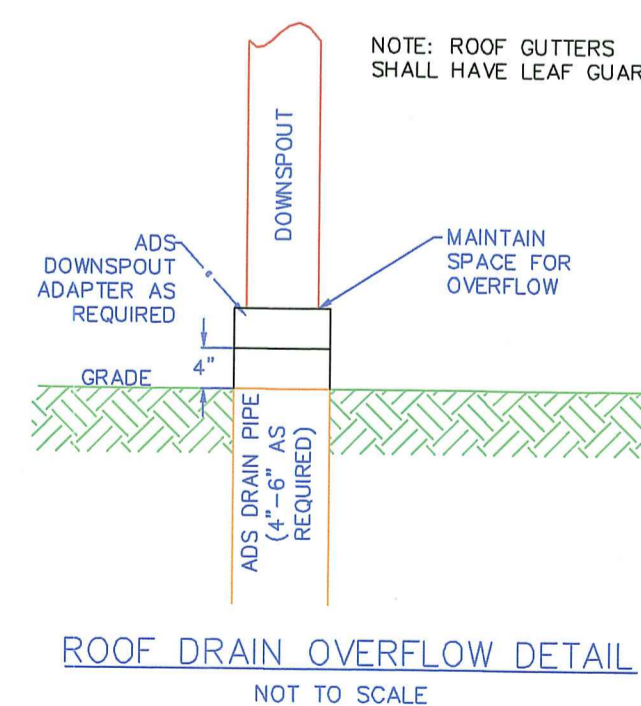
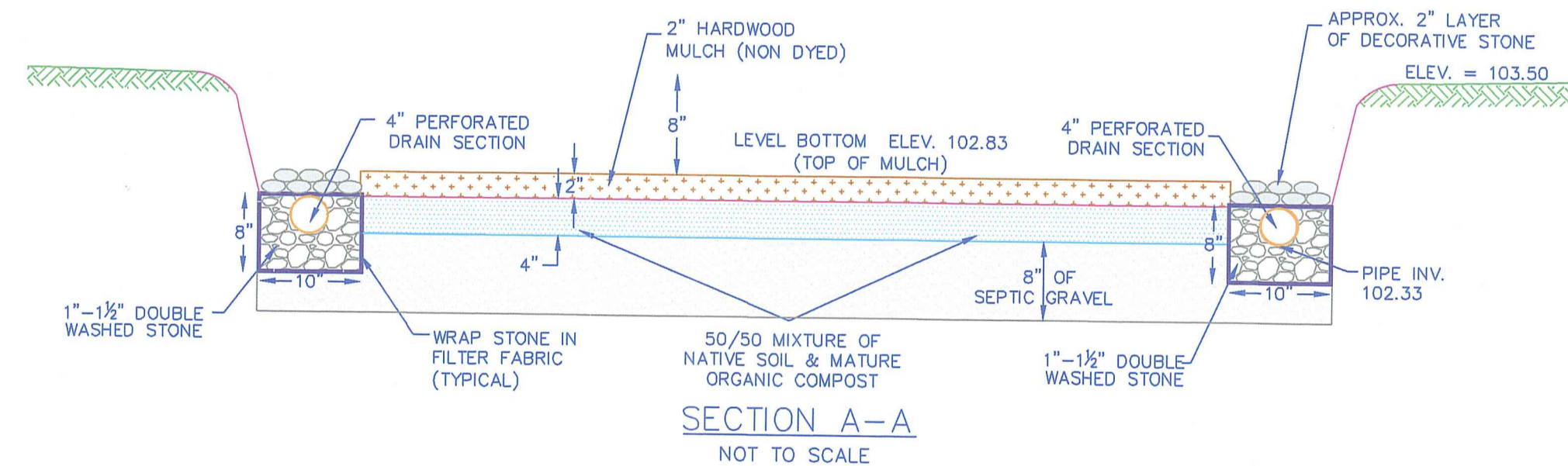
PLANTINGS

- NEW ENGLAND ASTER
- NORTHERN ARROWWOOD
- RED-OSIER DOGWOOD
- LOW BUSH BLUEBERRY

PLANT MIX OF SPECIES, STAGGERED AS SHOWN.

REFERENCES:
APPENDIX B OR RI STORM WATER DESIGN MANUAL
CRMC COASTAL PLANT GUIDE

NOTE:
RAIN GARDENS MAY BE ALTERED IN SHAPE AND LOCATION AS PREFERRED BY THE OWNER, ARCHITECT, OR LANDSCAPE DESIGNER. MINIMUM OF 10' MUST BE MAINTAINED FROM THE FOUNDATION AND 15' FROM ANY SEPTIC SYSTEM COMPONENTS INCLUDING BUILDING SEWER. GRAVITY FEED MUST BE MAINTAINED.



Environmental Management
JUN 29 2022
Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Martin D. Jensen

WIMT BLANCHARD
PROFESSIONAL ENGINEER
6016

SIDE ADDRESS:
290 LAKE RD.
TIVERTON, RI 02878

OWNER INFO:
VICTOR PEREIRA
24 MAIN ST.
APT 2 LEFT
PAWTUCKET, RI 02860

NO.	SYMBOL	DESCRIPTION	DATE	APPROV.

DSGN. RB VS
DR. RB
CHK. RB
DATE: 6/28/22

SEI
SITE ENGINEERING INC.
CIVIL • COASTAL • STRUCTURAL

75 WOOD ST
BRISTOL, RI 02809
PHONE: (401) 253-8231

SITE PLAN
PLAT 609, LOT 101
LAKE ROAD
TIVERTON, RHODE ISLAND
SCALE: AS NOTED
SHEET 2 OF 2
SP-2