

EROSION CONTROL PROGRAM

GENERAL EROSION CONTROL NOTES:

1. Slope stakes or slopes not receiving run-off shall be seeded and protected with a fiber mulch. Mulch for slopes 2 or = 3:1.
2. During construction, the contractor and/or developer shall be responsible for monitoring drainage and storm runoff.
3. Sedimentation control devices shall be installed slowly and maintained properly after each and every storm occurrence.
4. Additional erosion control devices shall be located as outlined herein or as directed by the Department of Public Works or Public Safety.
5. Disturbed slopes shall not be left unattended or exposed for excessive periods of time.
6. All disturbed slopes, after early erosion or exposed prior to October 15, shall be seeded or protected by this date for any work completed during the construction season.
7. The topsoil shall have a sandy loam texture relatively free of sand, silt, stones, roots, lime or soil tree, trim or construction debris.
8. All disturbed areas are to be permanently stabilized with seed as per completion of project. Seed and application rates as per plan.
9. Areas exposed for extended periods of time are to be completely covered with temporary treatments. Temporary treatments are to consist of a hay, straw, or fiber mat or protective covers such as a net or flow net (Doran, Jca flow netting material, etc.). They are to be maintained to the point as directed or as ordered by the engineer. If at all slopes 2 or = 3:1.
10. Hay or straw application shall be applied at the rate of 100 lbs/acre.
11. The normal acceptable seedling density is April 1st - October 15th.
12. As soon as weather permits and after the completion of final grading of disturbed areas shall be seeded and protected.
13. Stockpiles of topsoil shall not be located near waterways. They shall have side slopes no greater than 3:1 and stockpiles shall also be seeded and/or stabilized. Location of all stockpiles to be as per plan.

CONSTRUCTION SEQUENCE

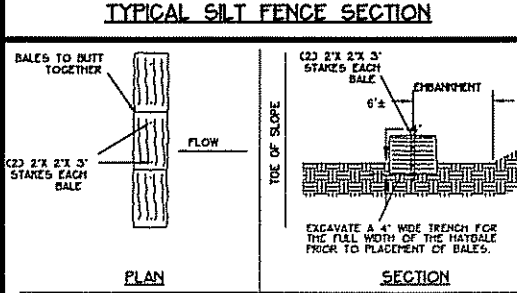
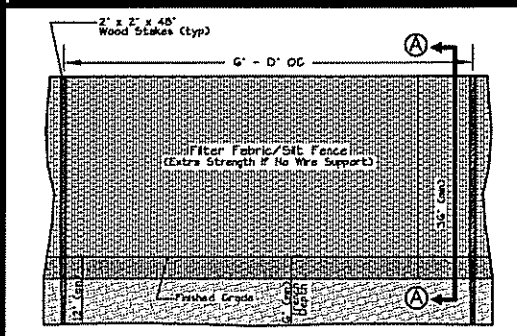
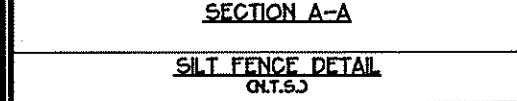
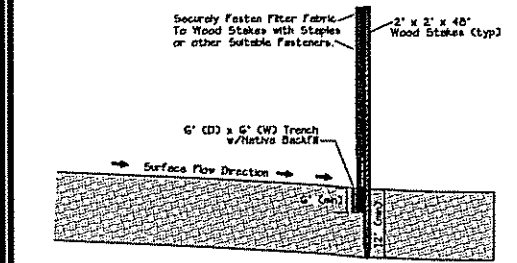
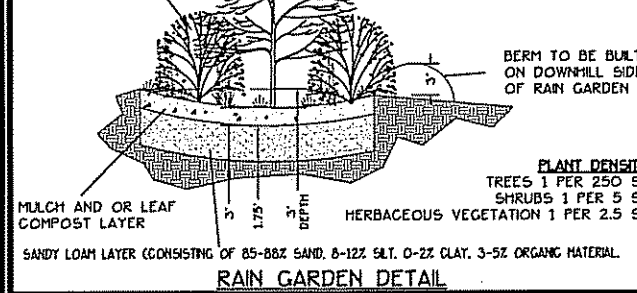
1. Prior to the start of construction, the contractor is to contact the Town of Portsmouth Department of Public Works or Public Safety.
2. All erosion control systems at the site are to be installed prior to the start of construction and be properly maintained until all disturbed areas are stabilized.
3. Upon completion of construction and prior to removal of the erosion control devices, the contractor is to contact the Portsmouth Department of Public Works or Public Safety.
4. Erosion control systems are to be maintained in the condition shown on plans throughout the duration of the project. Any damaged erosion control systems must be immediately repaired.
5. Erosion control devices are to remain in place after completion of the project until after the grass has been cut 3 times.

SEED MIX

- X by species
- CO2 Kentucky 1st Fescue
- CO3 Fescue
- CO4 Kalamazoo
- CO5 Kalamazoo
- CO6 Kalamazoo
- CO7 Kalamazoo
- CO8 Kalamazoo
- CO9 Kalamazoo
- CO10 Kalamazoo
- CO11 Kalamazoo
- CO12 Kalamazoo
- CO13 Kalamazoo
- CO14 Kalamazoo
- CO15 Kalamazoo
- CO16 Kalamazoo
- CO17 Kalamazoo
- CO18 Kalamazoo
- CO19 Kalamazoo
- CO20 Kalamazoo

NATIVE SPECIES OF PLANTS TO BE PLANTED ON RAIN GARDEN SURFACE

RAIN GARDEN VOLUME REQUIRED
 3700 SF x .083 = 307 CF x .75 = 230 CF
 1750 x 2.0 / 1 x (25 + 2.0) x 1 = AREA REQUIRED
 AREA REQUIRED = 204 SF

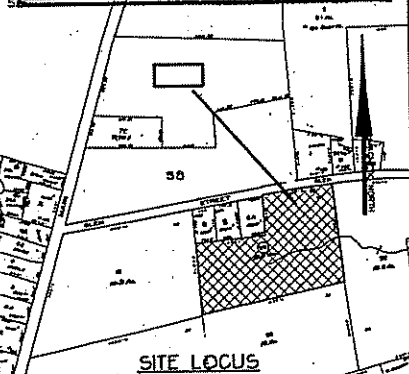


HAYBALE INSTALLATION DETAIL

NOTES:
 1. INSTALL HAY BALES FOR TEMPORARY EROSION CONTROL AS SHOWN ON SITE PLAN.
 2. PERFORM SITE CONSTRUCTION.
 3. LOAD AND SEED ALL SLOPES AND DISTURBED AREAS.
 4. REMOVE TEMPORARY EROSION CONTROL AFTER VEGETATION IS ESTABLISHED.
 5. RESTORE ALL DISTURBED AREAS.

PLAN NOTES:
 1. THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A SINGLE FAMILY 4-BEDROOM RESIDENTIAL STRUCTURE, INSTALLATION OF AN OWT, WATER SERVICE, DRIVEWAY, EROSION CONTROL MEASURES AND ALL ASSOCIATED GRADING + SOL. DISTURBANCE.

JOHN BRAGA JR.
 No. 6018
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL 8/5/11



LEGEND

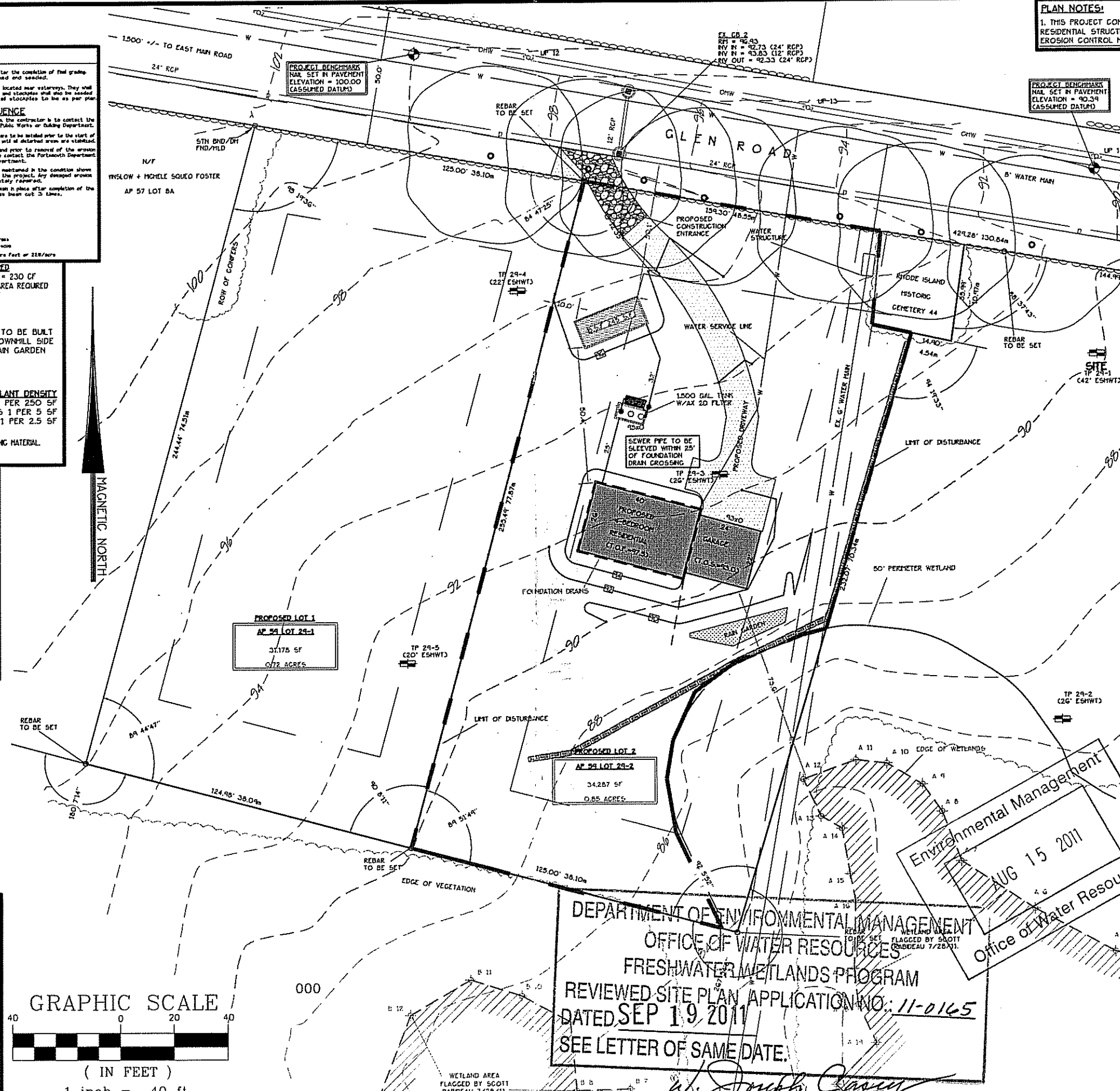
---	PROPERTY LINE
---	BUILDING SETBACK LINE
---	EDGE OF PAVEMENT
---	OVERHEAD WIRES
---	CHAINLINK FENCE
---	SEWER PIPE
---	WATER LINE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	STAKED HAYBALES
---	BOUND
---	5/8" REBAR
---	SOIL EVAL./GROUNDWATER TEST (CB=ESHWIT, F=FAILED, ETC)
---	WATER SHUTOFF
---	HYDRANT
---	PRIVATE WELL
---	UTILITY POLE
---	CATCH BASIN
---	CONTROL PANEL

DRAWN BY: AJ DATE: 08/01/11
 CHECKED BY: JB DRAWING NO.: 1100G-OWT5
 JOB NO.: 1100G SHEET 1 OF 1

PRELIMINARY DETERMINATION SITE PLAN
 PREPARED FOR
 RHODE ISLAND NURSERIES INC
 736 EAST MAIN ROAD
 MIDDLETOWN, RI 02842

PROJECT LOCATION:
 PLAT 59 LOTS 24
 (SUDD. LOT 24-2)
 GLEN ROAD
 PORTSMOUTH, RI 02871

JOHN BRAGA + ASSOCIATES, INC.
 CIVIL ENGINEERS • LAND SURVEYORS
 P.O. BOX 944
 PORTSMOUTH, R.I. 02871-0919
 PHONE (401) 683-0101



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 11-0165
 DATED SEP 19 2011
 SEE LETTER OF SAME DATE.

W. Joseph Casey