

**EROSION CONTROL PROGRAM**

**GENERAL EROSION CONTROL NOTES:**

- Sleep banks or slopes not receiving fill-top shall be seeded and protected with a fiber mulch (mulch for slopes > or = 9°)
- During construction, the contractor and/or developer shall be responsible for maintaining drainage and storm runoff.
- Sedimentation control devices shall be inspected closely and maintained promptly after each and every storm occurrence.
- Additional erosion control devices shall be located as conditions warrant or as directed by Town of Portsmouth Department of Public Works or Building Department.
- Denuded slopes shall not be left unattended or exposed for excessive periods of time.
- All disturbed slopes, either newly created or exposed prior to October 9th, shall be seeded or protected by that date for any work completed during the construction season.
- The topsoil shall have a sandy loam texture relatively free of subsoil materials, stones, roots, lumps of soil, tree limbs, trash or construction debris.
- All disturbed areas are to be permanently stabilized with seed mix prior to completion of project. Seed mix and application rates as per plan.
- 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 mulch or protective covers such as a mat or fiber lining (curbs, joint fiber glass mats, excelsior, etc.). They shall be incorporated into the work as warranted or as ordered by the engineer. (For all banks or slopes > or = 9°)
- Hay or straw applications shall be applied at the rate of 100 lbs/acre. The normal acceptable seasonal seeding dates are April 1st - October 9th.
- As soon as weather permits and after the completion of final grading, all disturbed areas shall be loamed and seeded.
- Stockpiles of topsoil shall not be located near waterways. They shall have a side slope no greater than 3:1 and stockpiles shall be seeded and/or stabilized. Location of all stockpiles to be as per plan.

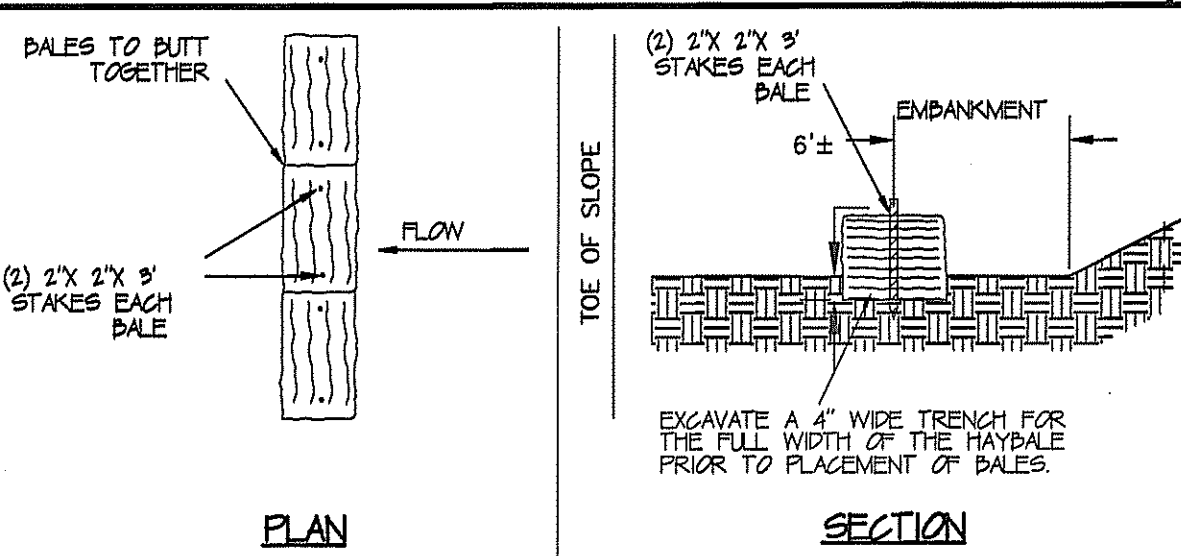
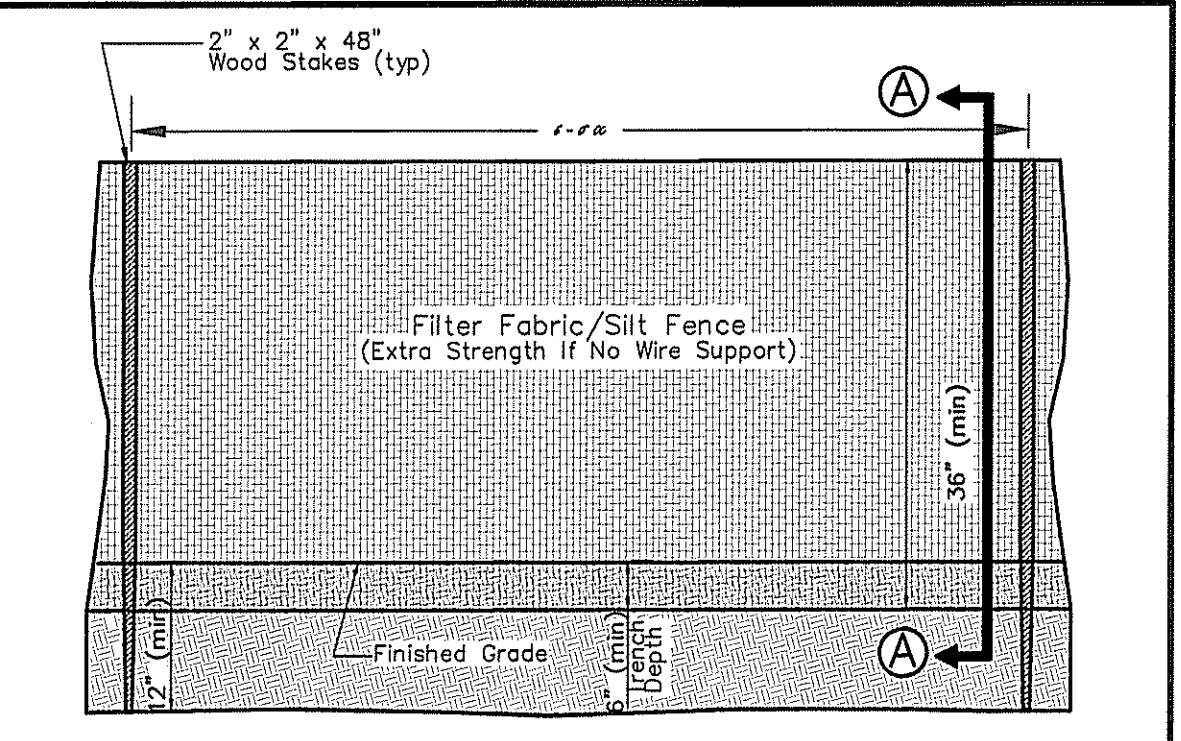
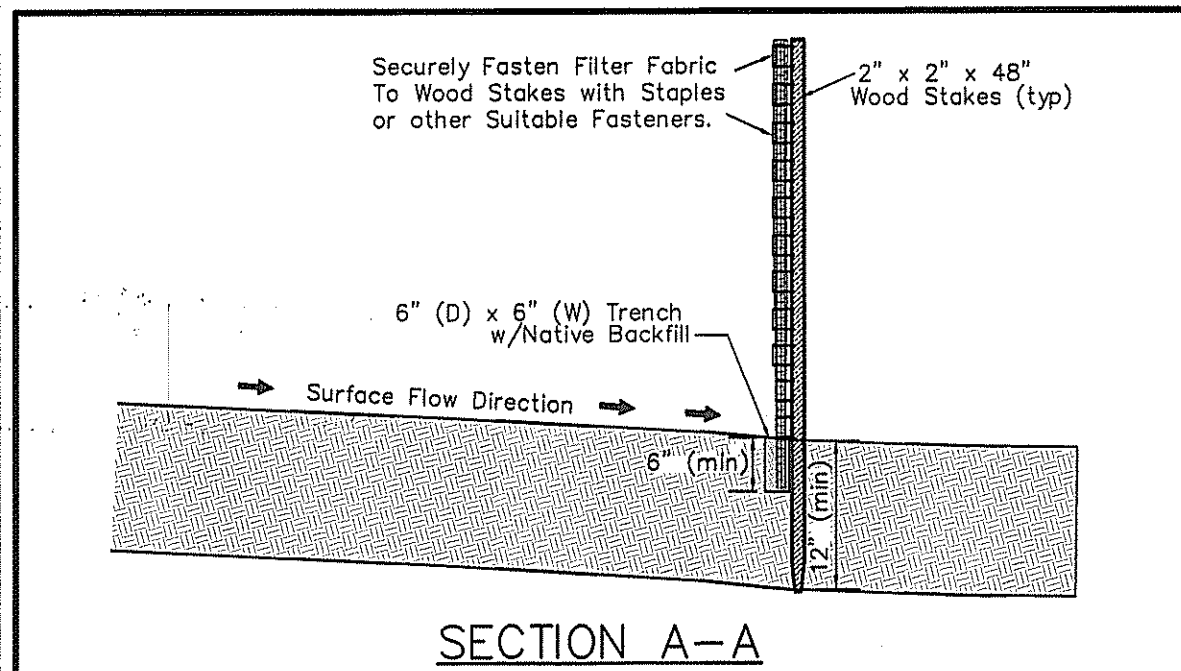
**CONSTRUCTION SEQUENCE**

- Prior to the start of construction, the contractor is to contact the Town of Portsmouth Department of Public Works or Building Department.
- 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.
- 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 Building Department.
- 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.
- Erosion control devices are to remain in place after completion of the project until after the grass has been cut 3 times.

**SEED MIX**

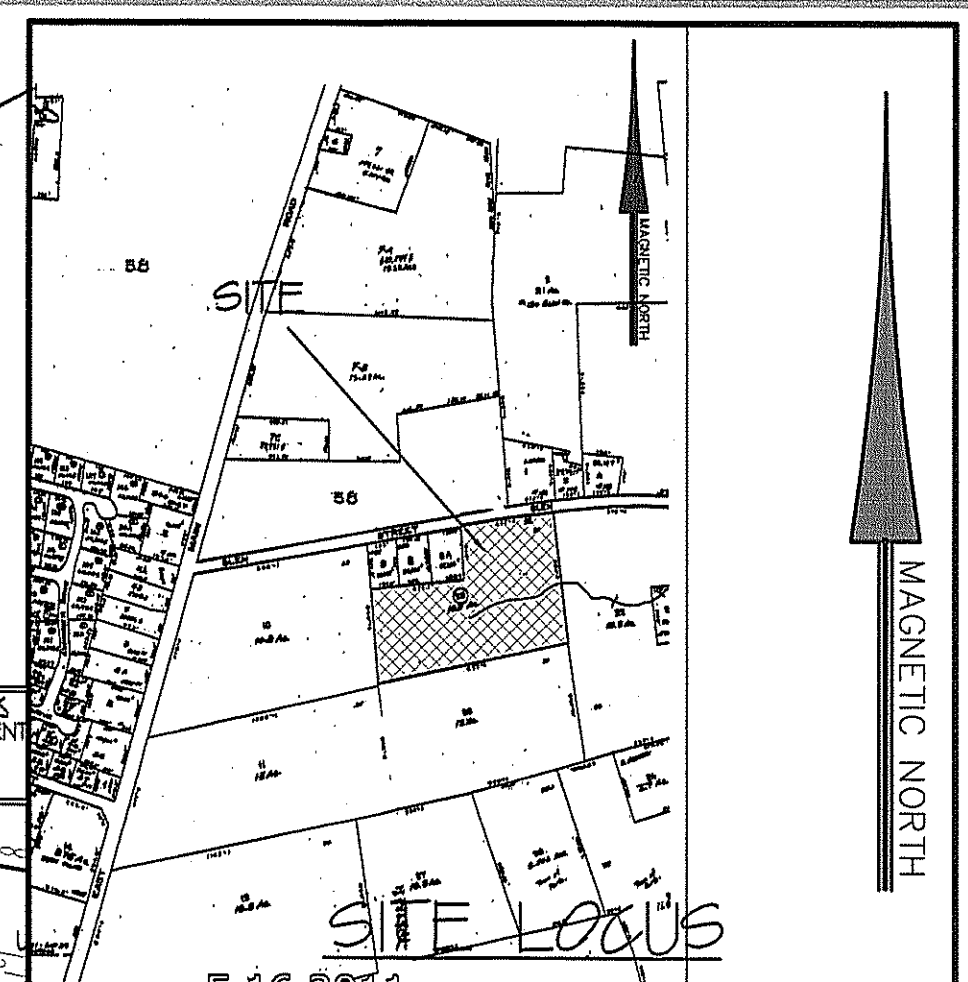
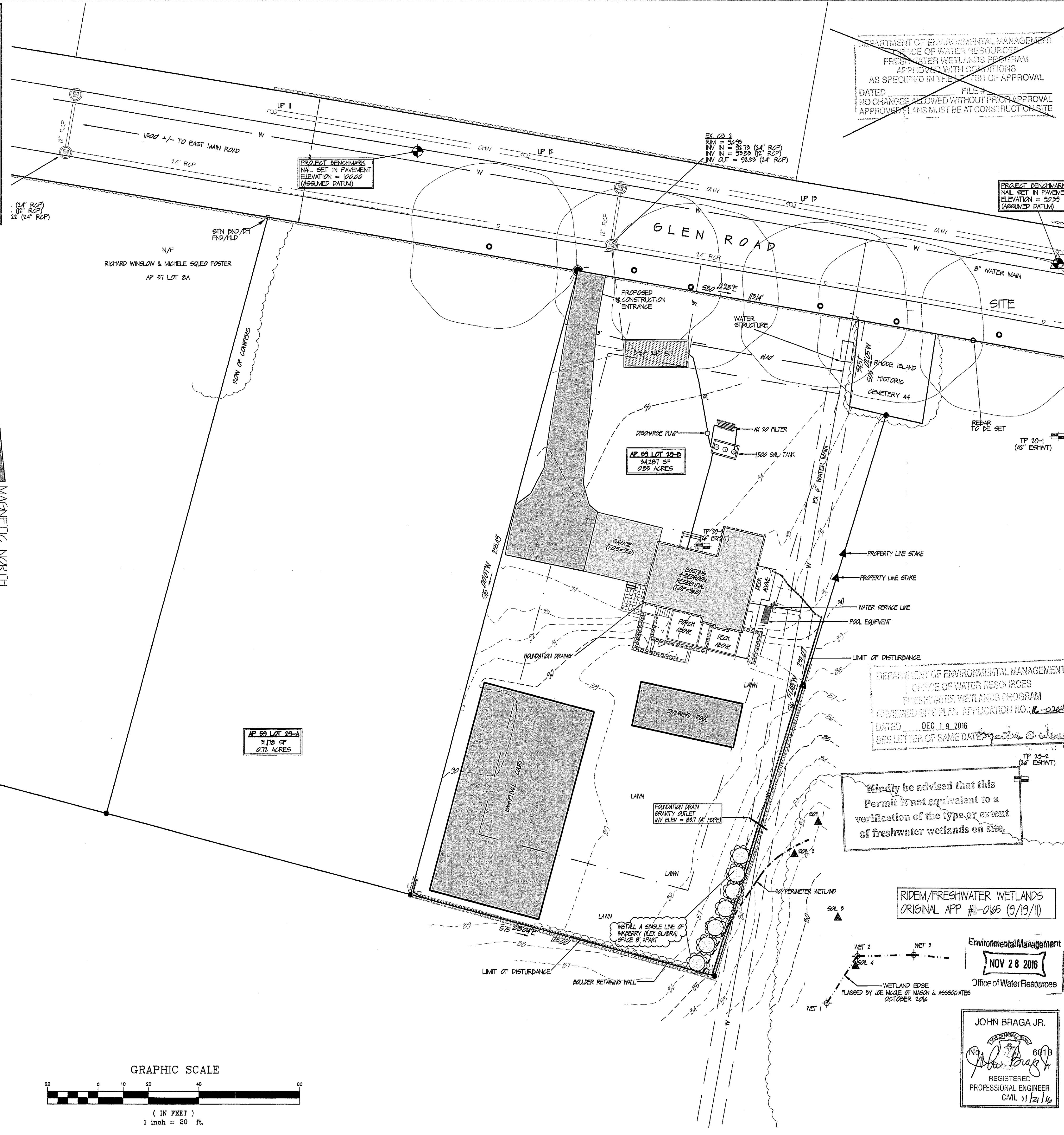
| % by weight | Variety                   |
|-------------|---------------------------|
| 60%         | Centimind Tall Fescue     |
| 10%         | Green vetch               |
| 10%         | Reilant Hard Fescue       |
| 10%         | Nassau Kentucky Bluegrass |
| 10%         | James town Chewing Fescue |

Apply at the rate of 30/1,000 Square Feet or 22 1/2/acre



**NOTES:**

- INSTALL HAY BALES FOR TEMPORARY EROSION CONTROL AS SHOWN ON SITE PLAN.
- PERFORM SITE CONSTRUCTION.
- LOAM AND SEED ALL SLOPES AND DISTURBED AREAS.
- REMOVE TEMPORARY EROSION CONTROL AFTER VEGETATION IS ESTABLISHED.
- RESTORE ALL DISTURBED AREAS.



**LEGEND**

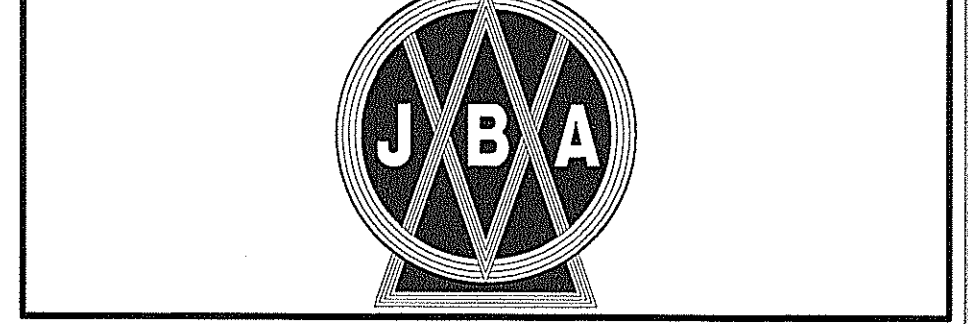
|  |                       |
|--|-----------------------|
|  | PROPERTY LINE         |
|  | BUILDING SETBACK LINE |
|  | EDGE OF PAVEMENT      |
|  | CAPE COD BERM         |
|  | OVERHEAD WIRES        |
|  | TELEPHONE LINE        |
|  | ELECTRIC/CABLE/PHONE  |
|  | GAS LINE              |
|  | EXISTING CONTOUR      |
|  | PROPOSED CONTOUR      |
|  | SPOT ELEVATION        |
|  | STONE WALL            |
|  | BOUND                 |
|  | REBAR/PIN/IRON PIPE   |
|  | CHAIN LINK FENCE      |
|  | WATER SHUTOFF         |
|  | HYDRANT               |
|  | STAKED HAYBALES       |
|  | SILT FENCING          |
|  | CATCH BASIN           |
|  | DRAINAGE MANHOLE      |
|  | SEWER MANHOLE         |
|  | EXISTING TREE LINE    |
|  | TREE                  |
|  | SOIL EVALUATION       |
|  | 50' PERIMETER WETLAND |
|  | FLAGGED WETLAND EDGE  |
|  | SOIL TEST             |

DRAWN BY: JB DATE: 11/21/16  
 CHECKED BY: JB DRAWING NO: 16023  
 JOB NO: 16023 SHEET 1 OF 1

**PRELIMINARY DETERMINATION SITE PLAN**  
 PREPARED FOR  
 PLUMB RALPH H III & LAUREN C  
 PO BOX 525  
 PORTSMOUTH, RI 02871

**PROJECT LOCATION:**  
 AP 59 LOT 22 B  
 151 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  
 APPROVED WITH CONDITIONS  
 AS SPECIFIED IN THE ORDER OF APPROVAL  
 DATED \_\_\_\_\_ FILE # \_\_\_\_\_  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 REVISIONS SITE PLAN APPLICATION NO. 16-0264  
 DATED DEC 1 9 2016  
 SEE LIMIT OF SAME DATE

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

RIDEM/FRESHWATER WETLANDS  
 ORIGINAL APP #11-0165 (9/19/11)

Environmental Management  
 NOV 28 2016  
 Office of Water Resources

JOHN BRAGA JR.  
 6413  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL 11/21/16