

EROSION CONTROL AND SOIL STABILIZATION PLAN

1. DENUDE SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF THE TIME SUCH AS THE INACTIVE WINTER SEASON.
2. ALL DISTURBED SLOPES EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 19, SHALL BE SEEDED OR PROTECTED NO LATER THAN THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
3. SEEDING AND LANDSCAPING SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (HEREINAFTER REFERRED TO AS THE "BLUEBOOK") SECTION L.02 "SEEDING", AND SECTION M.18 "LANDSCAPING MATERIALS".
4. THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, SOD, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS. LOAM SHALL BE HIGH IN ORGANIC MATTER FREE FROM BOULDERS/STONES GREATER THAN 3/4" AND OTHER DELETERIOUS MATTER SUCH AS STICKS, SOD CLUMPS, TRASH, ETC. MUCK/PEAT OR OTHER PLANT SCREENINGS/COMPOST ARE NOT ACCEPTABLE FOR USE AS LOAM.
5. THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS BEFORE MIXING AND PLANTING WITH APPROPRIATE INOCULUM FROM EACH VARIETY.
6. THE DESIGN MIX SHALL BE COMPRISED OF THE FOLLOWING:

PARK MIX	TYPE	%BY WEIGHT	%BY VOLUME (PURE LIVE SEED)
RED FESCUE (CHEWING'S PENNLAWN OR CREEPING)		70	78
	KENTUCKY BLUEGRASS	15	68
	COLONIAL BENTGRASS (ASTORIA OR EXETER)	5	85
	PERENNIAL RYEGRASS	10	85
SEEDING RATE: 1.00LBS./ACRE			
	SLOPE MIX:		
	RED FESCUE (CHEWING'S PENNLAWN OR CREEPING)	70	78
	COLONIAL BENTGRASS (ASTORIA OR EXETER)	10	85
PERENNIAL RYEGRASS	10	85	
BIRDFOOT TREFLOIL (LOTUS CORNICULATA)	15	78	
SEEDING RATE: 1.00LBS./ACRE			
*INCLUDES UP TO 20% HARD SEED			

7. LIME SHALL BE APPLIED UNIFORMLY AT THE RATE OF 2,000 LBS./ACRE. WHERE HIGHLY ACIDIC SOILS ARE ENCOUNTERED APPLICATION SHALL BE AT THE RATE OF 4,000 TO 6,000 LBS./AC.
8. FERTILIZER (10-6-4 MIN.) SHALL BE SPREAD UNIFORMLY AFTER LIMING AT THE RATE OF 1,000 LBS./AC. ON FLATS AND 1,400 LBS./ACRE ON SLOPES (STEEPER THAN 3:1), OF WHICH 400 LBS. SHALL BE 0-25-25.
9. TEMPORARY TREATMENTS SHALL CONSIST OF HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.
10. HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 2,000 LBS./ACRE.

GENERAL NOTES:

1. THE TOPOGRAPHY AND PHYSICAL FEATURES, ETC. FOR THIS SITE WERE OBTAINED BY AN AERIAL SURVEY, AND CONFIRMED BY A ACTUAL SURVEY. TOPOGRAPHICAL DATUM IS NGVD 29
2. 100 YEAR FLOOD PLAIN ELEVATION ALONG FRENCHTOWN BROOK DETERMINED TO BE AT ELEVATION 109 AS SHOWN ON FEMA FLOODPLAIN MAP #445397 0005 B; REVISED 2/16/93.
3. WETLAND EDGES VERIFIED. SEE RIDEM APPLICATION #09-0227, APPROVED OCT. 28, 2009.

Revised → per RIDEM
 ALL AREA BEYOND PROPOSED LIMIT OF DISTURBANCE WILL BE ALLOWED TO REVEGETATE NATURALLY OR MOWED ONCE ANNUALLY AFTER THE SECOND WEEK OF JULY (OR THEREAFTER) TO MAINTAIN OLD FIELD CONDITIONS & TO PROTECT GROUND NESTING BIRDS.

ZONING DISTRICT: F (CLUSTER)

MINIMUM LOT AREA	30,000 sq.ft.
MINIMUM LOT FRONTAGE	150 ft.
MINIMUM YARDS: FRONT	40 ft.
SIDE	30 ft.
REAR	40 ft.

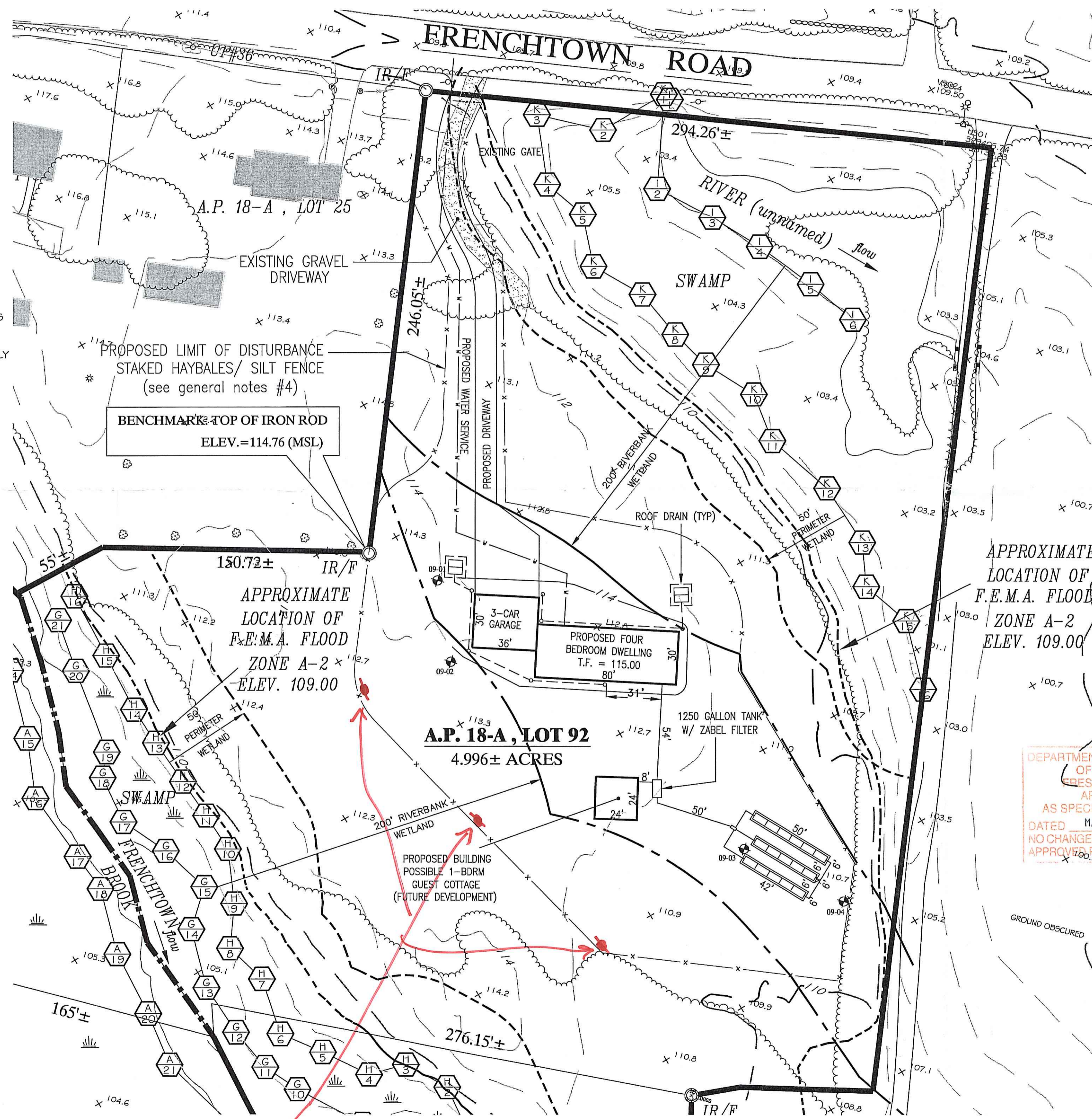
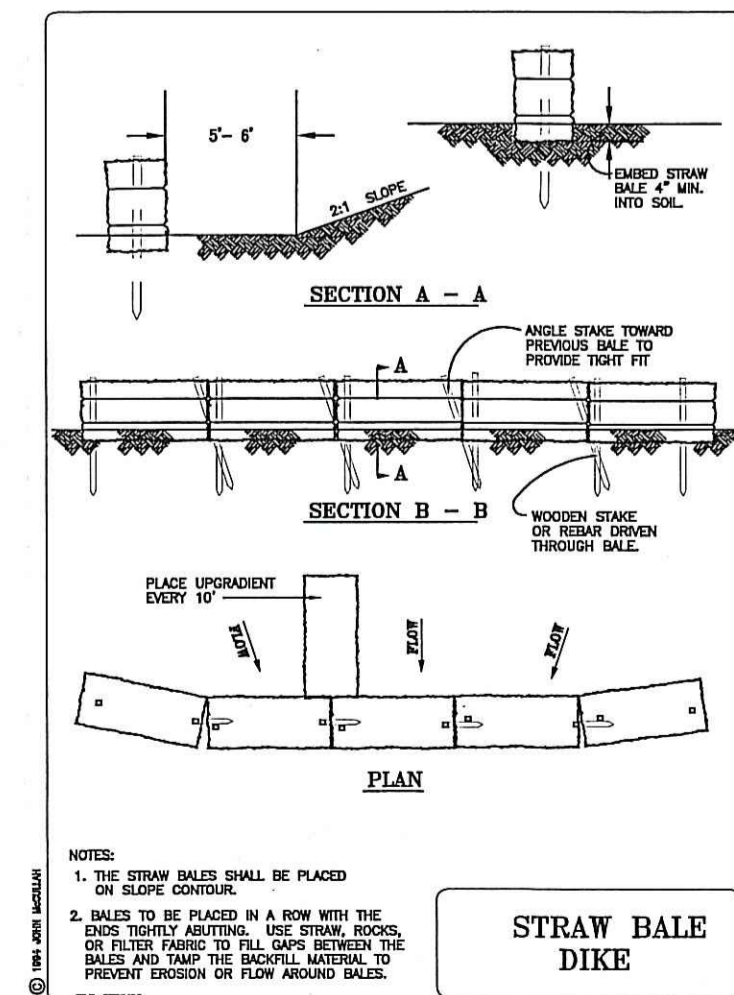
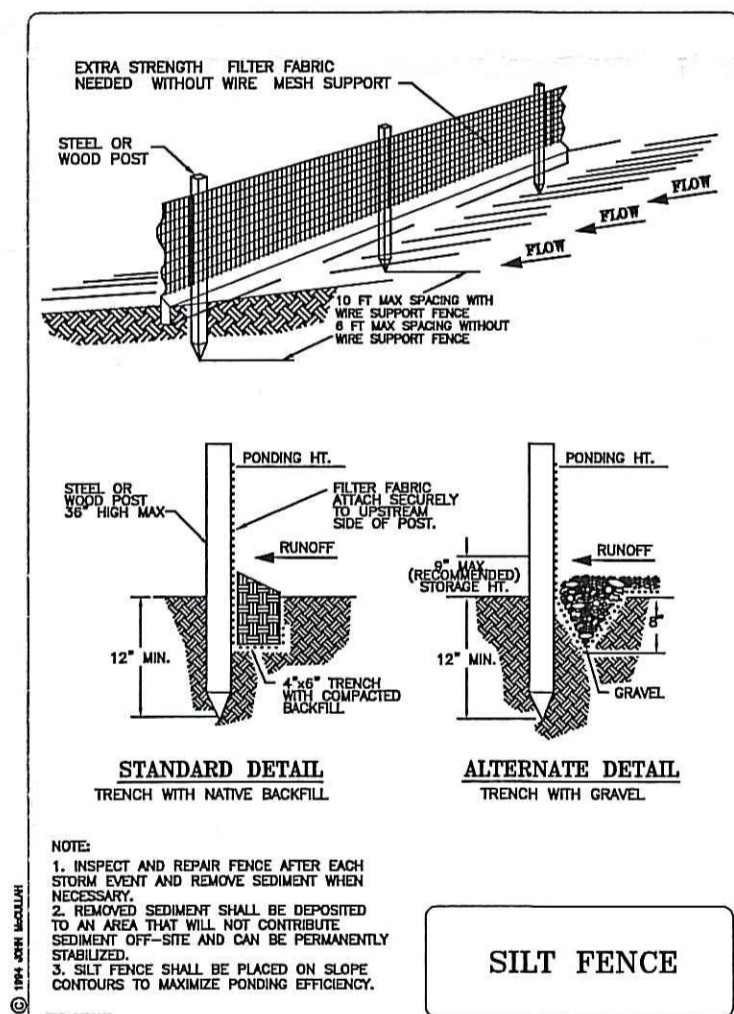
LEGEND

- 30- EXISTING CONTOUR ELEVATION
- 30- PROPOSED CONTOUR ELEVATION
- B.O.S. BOTTOM OF SYSTEM
- T.F. TOP OF FOUNDATION
- SOIL EVALUATION
- PERCOLATION TEST
- FILL TEST
- 50' PERIMETER WETLAND
- 200' RIVERBANK WETLAND
- FLOOD ZONE
- STRAW HAYBALE OR SILT FENCE
- EDGE OF WETLAND

11. ALL HAY BALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
12. AREAS THAT DO NOT DEVELOP AN ACCEPTABLE STAND OF GRASS GROUND COVER WITHIN ONE (1) YEAR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR UNTIL SATISFACTORY PERFORMANCE IS ACHIEVED.
13. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE SPRING: MARCH 15TH TO MAY 30TH AND FALL: AUGUST 15TH TO OCTOBER 15TH. SEEDING AT OTHER THAN THESE TIMES SHALL BE ALLOWED ONLY WITH WRITTEN PERMISSION OF THE ENGINEER.
14. ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.I.D.P.W. STANDARD SPECIFICATIONS SECTION 202.
15. SOIL STABILIZATION AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 15 DAYS OF FINAL GRADING.
16. STOCKPILES OF TOPSOIL SHALL NOT BE LEFT UNATTENDED OR LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 3:1.
17. ON BOTH STEEP AND LONG SLOPES CONSIDERATION SHOULD BE GIVEN TO "CRIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS. CONSIDERATION SHOULD BE GIVEN TO ANCHORING MAT TYPE MULCH.
18. REFERENCE THE SEDIMENTATION CONTROL PROGRAM AND ORDER OF PROCEDURE FOR PROPER COORDINATION.

SEDIMENTATION CONTROL PROGRAM

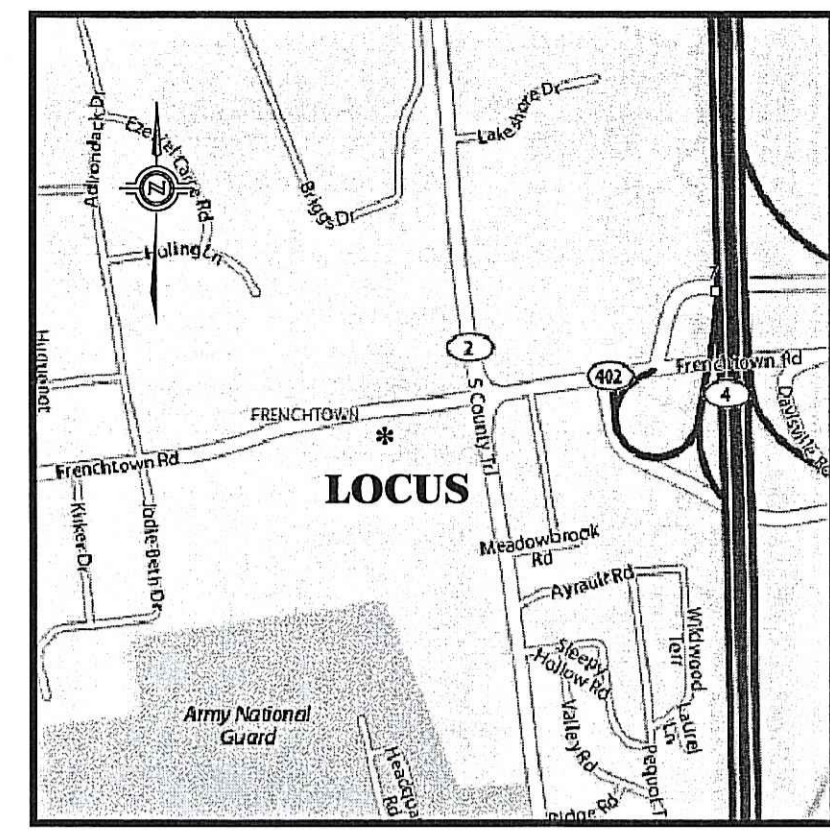
1. HAYBALE CHECK DAMS: (TEMPORARY)
 - A. ARE TO BE INSTALLED DOWNSTREAM WELL OUTSIDE THE LIMITS OF ANY PROPOSED CONSTRUCTION.
 - B. ARE TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF THE PROPOSED ALTERATIONS.
 - C. SHALL BE MAINTAINED ON A REGULAR BASIS.
 - D. SHALL CONFORM TO THE STANDARDS SET FOR THE BY THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT FOR THE DESIGN AND CONSTRUCTION OF LOG AND HAY EROSION CHECK DAMS TYPE 127.
2. DISTURBED AREAS WHICH ARE PARTICULARLY SENSITIVE TO EROSION SHALL RECEIVE A CRUSHED STONE OR SHARP ANGULAR RIPRAP TREATMENT IF OTHER METHODS OF STABILIZATION ARE UNSUCCESSFUL.
3. BANKS OR SLOPES NOT RECEIVING RIP RAP SHALL BE SEEDED AND PROTECTED WITH FIBER MULCH.
4. DURING CONSTRUCTION, THE CONTRACTOR AND OR THE DEVELOPER SHALL BE RESPONSIBLE FOR UTILIZING BEST MANAGEMENT PRACTICES TO CONTROL ENVIRONMENTAL DAMAGE THAT COULD RESULT FROM UNCHECKED STORMWATER RUNOFF.
5. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED REGULARLY. SPECIAL ATTENTION SHOULD BE GIVEN AFTER A HEAVY OR PROLONGED RAINFALL.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED MAR 23 2010 FILE # 10-0002
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVAL PLANS MUST BE AT CONSTRUCTION SITE
 Nancy L. Freeman

RICHARD T. BZDYRA
 No. 1988
 PROFESSIONAL LAND SURVEYOR

SURVEY CLASSIFICATION:
 THIS SURVEY AND PLAN CONFORM TO A CLASS "11" STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.
 BY: *[Signature]* RICHARD T. BZDYRA, R.P.L.S. DATE: 3/17/10



WETLAND SITE PLAN
 A.P. 18A LOT 92
 FRENCHTOWN ROAD
 EAST GREENWICH, RHODE ISLAND
 Prepared For:
BARBARA PINE & LARRY DOWLER

Ocean State Planners, Inc.
 SURVEYORS • DESIGNERS
 1255 OAKLAWN AVENUE CRANSTON, RI 02920
 PHONE (401) 463-9696 FAX (401) 463-9039

REVISION:
 FEB. 19, 2010
 MARCH 17, 2010
 DATE: DEC. 1, 2009
 DRAWN BY: DCD
 SCALE: 1" = 40'
 GRAPHIC SCALE
 SHEET
1
 OF 1 SHEETS
 JOB NO. 7547
 DWG. NO. 7547 - OWTS