

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

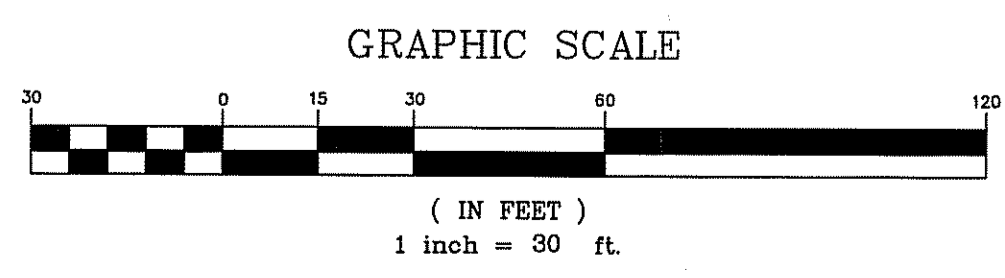
AP 19 LOT 108
153,538± sq.ft.
3.52± acres

BENCH MARK
TOP OF
FOUNDATION
ELEV. 284.01
ASSUMED BASE

PROPOSED DRIVEWAY DETAIL
NOT TO SCALE

LEGEND

EXISTING CONTOUR	---	275
PROPOSED CONTOUR	---	(130)
WETLAND FLAGS/WETLAND EDGE	▲	
50' PERIMETER WETLAND	---	
EDGE OF RIVER/STREAM	---	
100' RIVERBANK WETLAND	---	
BUILDING SETBACK LINE	---	
WATER LINE	W	
LIMIT OF DISTURBANCE STAKED EROSION/SEDIMENTATION CONTROL	---	
TEST HOLE	TP	



SOIL STABILIZATION & PLANTING PROGRAM

ACCEPTABLE PLANTING MATERIALS:
LOAM - THE MATERIAL TO BE FURNISHED SHALL CONSIST OF LOOSE, FRIABLE, SANDY LOAM OR LOAM TOPSOIL FREE OF A MIXTURE OF SUBSOIL, REFUSE, STUMPS, ROOTS, ROCKS, BRUSH, WEEDS AND OTHER MATERIAL WHICH WILL PREVENT THE FORMATION OF A SUITABLE SEED BED.

SEED MIXTURES - ALL LEGUME SEED SHALL BE INOCULATED WITHIN 24 HOURS BEFORE MIXING AND PLANTING WITH THE APPROPRIATE INOCULUM FOR EACH VARIETY. ALL INOCULA SHALL BE FRESH AND SHALL BE USED WITHIN THE DATE LIMIT PRESCRIBED BY THE MANUFACTURER.

FOR RELATIVELY FLAT SLOPES:

MIX	% BY WEIGHT
RED FESCUE - CHEWING'S PENNLAWN OR CREEPING	70
KENTUCKY BLUEGRASS	15
COLONIAL BENTGRASS - ASTORIA OR EXETER	5
PERENNIAL RYEGRASS	10

- SEEDING RATE = 100 LBS. PER ACRE
FOR STEEP SLOPES 3:1 OR GREATER

FOR STEEP SLOPES 3:1 OR GREATER:

MIX	% BY WEIGHT
RED FESCUE - PENNLAWN OR CREEPING	75
PERENNIAL RYEGRASS	5
COLONIAL BENTGRASS - ASTORIA OR EXETER	5
BIRDSFOOT TREFLOIL - EMPIRE	15

- SEEDING RATE: 100 LBS. PER ACRE

THE ACCEPTED PLANTING SEASON SHALL BE BETWEEN APRIL 1ST AND OCTOBER 15TH (CONTRACTOR SHOULD COORDINATE). ON ALL DISTURBED AREAS, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FOUR (4) INCHES OF LOAM ON AREAS UP TO 10% IN GRADE. ALL AREAS OVER 10% SHALL RECEIVE A MINIMUM OF SIX (6) INCHES.

REFERENCE IS HEREBY MADE TO THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK PUBLISHED BY THE SOIL CONSERVATION SERVICE. THE GUIDELINES SHOWN THEREIN SHOULD BE INCORPORATED INTO THE CONSTRUCTION PRACTICES ON SITE.

GENERAL LANDSCAPING NOTES:

1. ALL DISTURBED AREAS ARE TO BE REVEGETATED AS SOON AS POSSIBLE. ALL BANKS AND SLOPING AREAS ARE TO RECEIVE A MINIMUM OF 4" OF CLEAN TOPSOIL, THEN SEED AND FERTILIZE. LEVEL AREAS TO RECEIVE 4" MIN. OF CLEAN TOPSOIL, SEED AND FERTILIZE.
2. SEED AND SOD SHALL CONSIST OF A BLEND OF KENTUCKY BLUE GRASSES. PLANT BY SUPPLIER'S SPECIFICATIONS.
3. LIME SHALL BE APPLIED AS NECESSARY.
4. USE HAY OR STRAW MULCH DURING SLOPE STABILIZATION IN CONJUNCTION WITH TEMPORARY SEEDING. APPLY MULCH AT A RATE OF 75 TO 100 LBS. PER 1000 SQUARE FEET.
5. STOCKPILE ALL STRIPPED TOPSOIL FOR LATER USE. THE LOCATION IS TO BE APPROVED BY THIS ENGINEER. MULCH AND TEMPORARY SEED THE STOCKPILE.
6. REMOVE ALL ROCKS 3" OR LARGER IN PLANTING AREA.
7. ALL CLEARING SHALL CONFORM TO THE LIMITS AS SHOWN ON PLANS. CLEARING LIMITS ARE TO BE MARKED IN THE FIELD BY THE ENGINEER.

EROSION CONTROL PROGRAM

PRIOR TO START OF CONSTRUCTION, HAYBALES, SILT FENCES AND ALL OTHER SPECIFIED EROSION CONTROL FENCES SHALL BE IN PLACE.

CRITICAL AREAS SUCH AS WETLAND AREAS, SLOPES AND STREAMS SHALL BE PROTECTED AS PER PLAN AND, IN THE PRESENCE OF WETLANDS, THE CONDITIONS OF THE RIDEM PERMIT SHALL BE ADHERED TO.

THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND FULLY MAINTAIN ALL REQUIRED EROSION AND SEDIMENTATION CONTROLS.

SEDIMENTATION CONTROL PROGRAM

ALL EXPOSED SLOPES, INCLUDING STOCKPILES OF MATERIAL, SHALL RECEIVE TEMPORARY SEDIMENTATION AND EROSION CONTROLS. THIS WILL INCLUDE LOAMING AND SEEDING, MULCHING, HAYMATS, ETC., TO STABILIZE THE AREA.

ALL DRAINAGE STRUCTURES SHALL BE SURROUNDED BY HAYBALES TO PREVENT INFILTRATION OF SEDIMENTS.

DRYWELLS, GALLEYS, FLOW DIFFUSERS, AND OTHER LEACHING FACILITIES SHALL BE THOROUGHLY PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION. IF SEDIMENTS ENTER FACILITIES DURING CONSTRUCTION, THE STRUCTURES SHALL BE CLEARED AND, IF NECESSARY, REMOVED AND REINSTALLED WITH ALL EXPENSE TO BE BORNE BY CONTRACTOR.

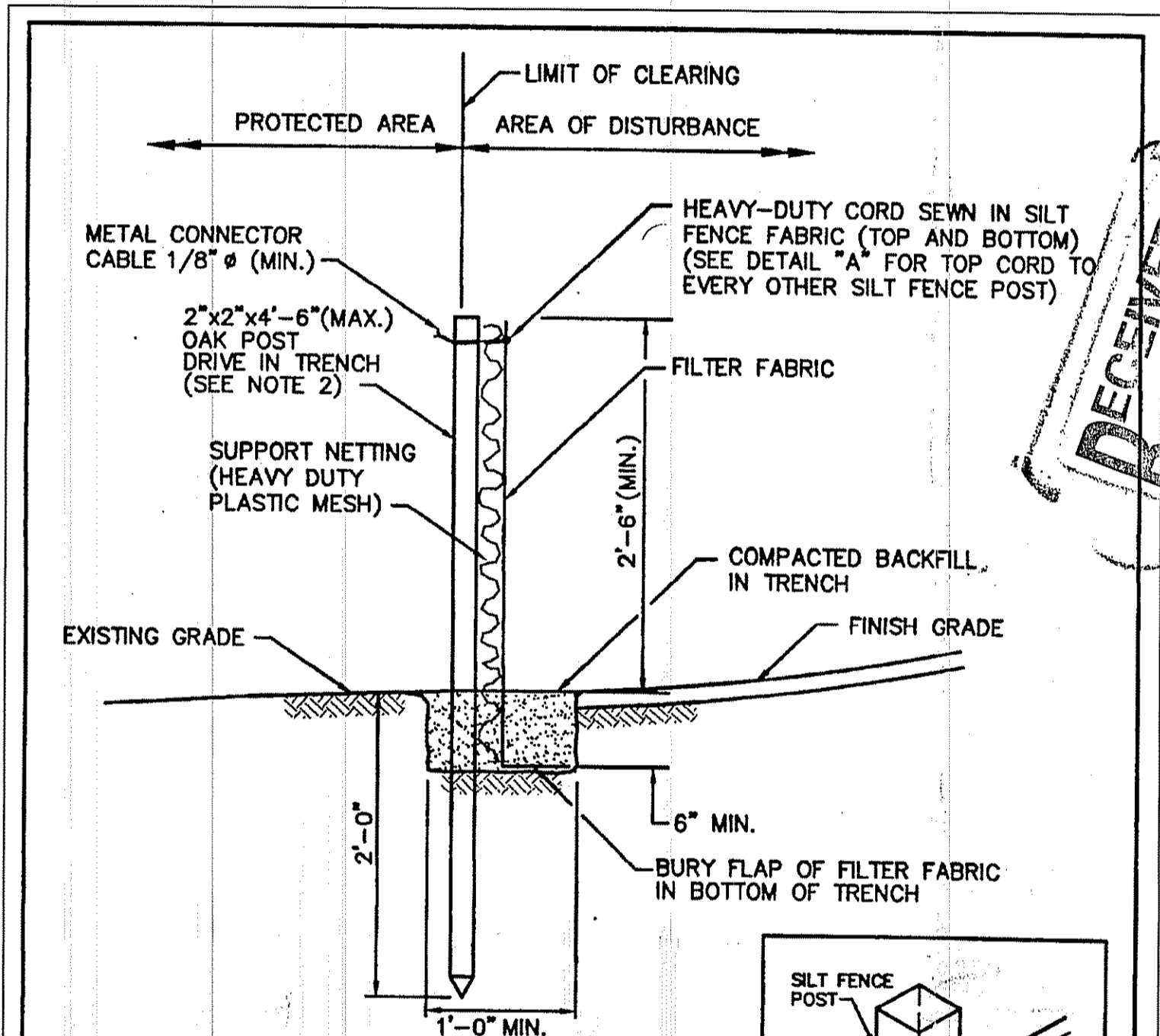
SHOULD SEDIMENTS ENTER A CRITICAL AREA (WETLAND, BUFFER ZONE, ABUTTING PROPERTY) THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE THE EFFECTED AREA.

GENERAL CONSTRUCTION NOTES

1. DISTURBED AREAS ARE TO BE LOAMED A MINIMUM OF 4" AND SEEDED WITH A CONSERVATION TYPE MIXTURE.
2. ALL CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE "RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK".
3. ALL MATERIAL UNDER THE PROPOSED DRIVEWAY SHALL BE FREE OF DEBRIS, STONES LARGER THAN 6" DIAMETER, BRUSH, ROOTS, AND OTHER ORGANIC MATERIAL SUBJECT TO DECOMPOSITION. THE MATERIAL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DENSITY AT A MOISTURE CONTENT THAT IS WITHIN 3% OR LESS OF OPTIMUM AS OBTAINED FROM COMPACTION TESTS. FILL MATERIAL SHALL BE PLACED IN 6-8" LIFTS WITH EACH LIFT PROPERLY COMPACTED BEFORE STARTING THE NEXT.

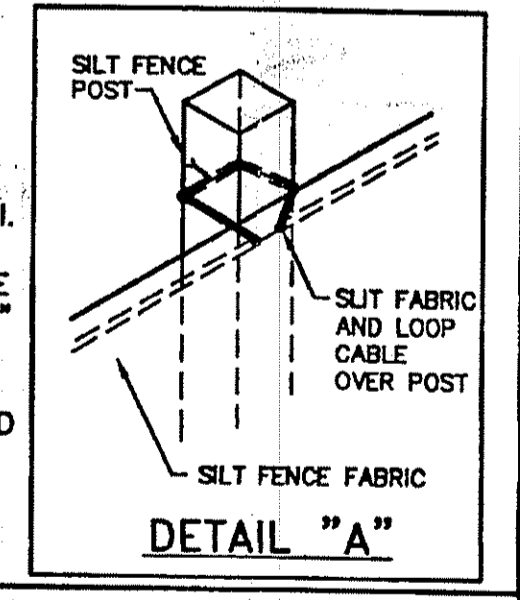
WETLAND PLANTING NOTES:

1. ALL DISTURBED AREAS SHALL BE LOAMED IF NECESSARY SEEDED WITH A WILDLIFE/CONSERVATION GRASS MIXTURE AND MULCHED WITH A MAT OF LOOSE HAY.
2. PLANTINGS WHICH DO NOT SURVIVE ONE GROWING SEASON FROM THE DATE OF PLANTING SHALL BE REPLACED BY THE CONTRACTOR.
3. ALL EXCAVATED MATERIAL SHALL BE STORED ON A SUITABLE UPLAND SITE FROM ANY AND ALL WETLANDS.



NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
2. 2"x2"x4'-6" (MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
3. 1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



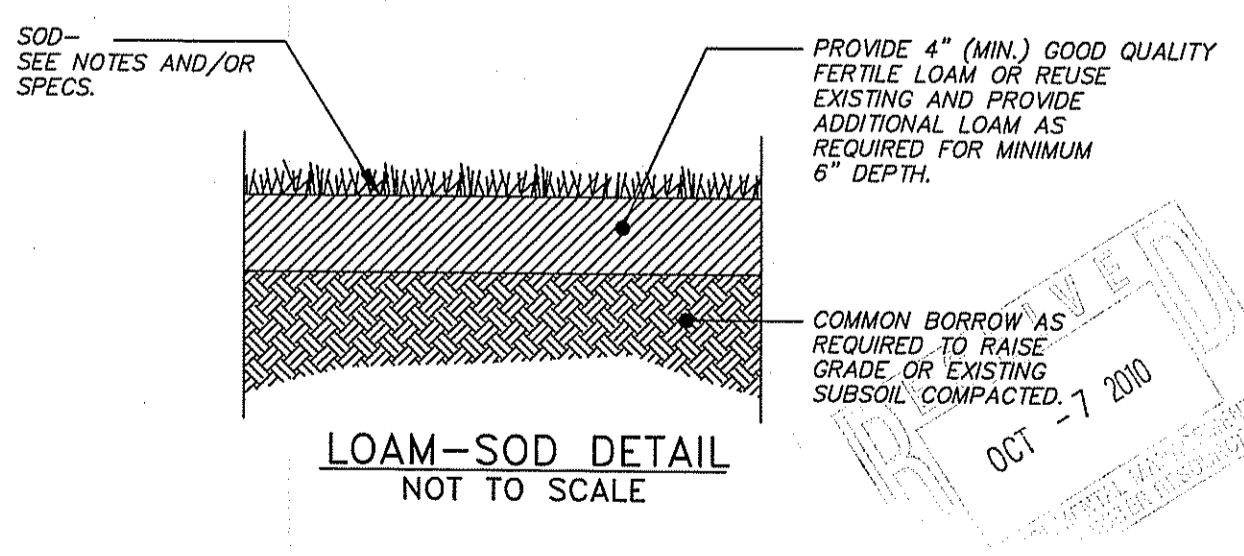
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

SILT FENCE DETAIL

NO.	BY	DATE

ISSUED BY: *[Signature]* JUN 15, 1998
 CHIEF ENGINEER, TRANSPORTATION

REGISTERED PROFESSIONAL ENGINEER CIVIL
 R.I. STANDARD 9.2.0



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED 10 OCT 29 2010 FILE # 10-0201
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

GARY C. LAMOND
 No. 7123
 REGISTERED PROFESSIONAL ENGINEER CIVIL
 GCL
 SCALE: AS SHOWN

TITLE: FRESHWATER WETLANDS PLAN
 PROJECT: AP 19 LOT 108
 1846 FRENCHTOWN ROAD
 EAST GREENTOWN, RHODE ISLAND
 CLIENT: DAMIAN & GWYN ANDREWS
 GARY C. LAMOND, PE, LLC
 194 HATCHERY ROAD
 NORTH KINGSTOWN, RI 02852

PROJ. NO: 2010033
 DATE: 09/30/10