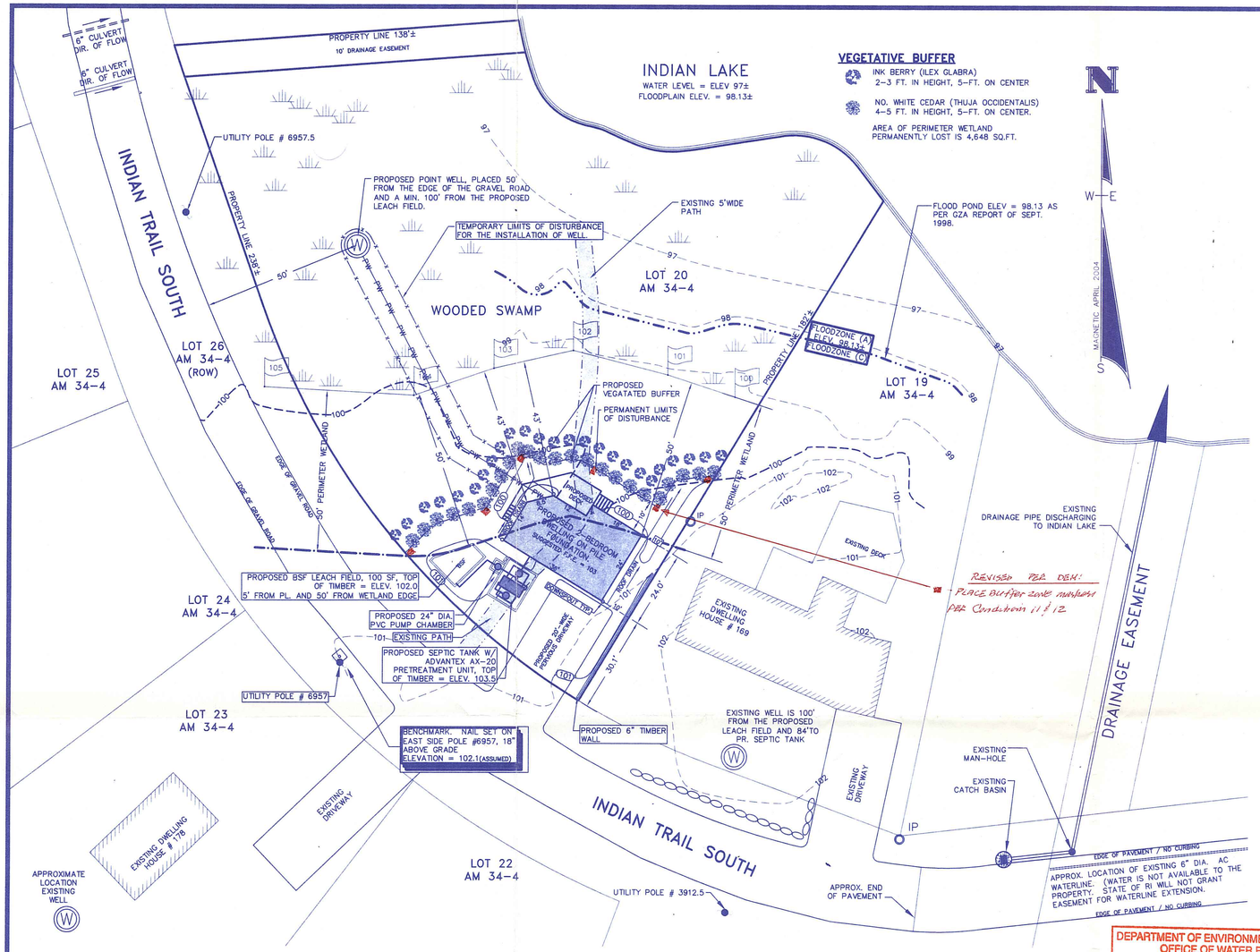
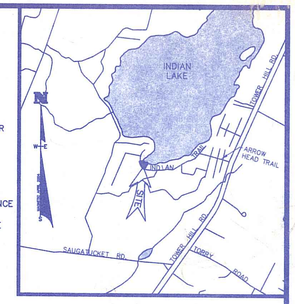


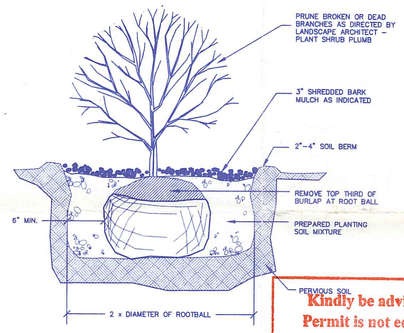
LEGEND

- PROPERTY LINE
- UTILITY POLE
- 102 — PROPOSED CONTOUR
- 102 — EXISTING CONTOUR
- SILT FENCE/ LIMIT OF DISTURBANCE
- EXISTING TEST HOLE WITH PIPE
- (W) WELL
- WETLAND FLAG

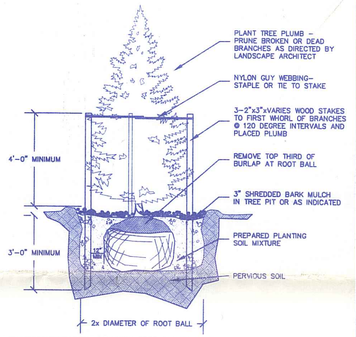


LOCATION PLAN
SCALE: 1" = 2000'

ZONED: R-80
SET BACKS
FRONT: 40'
SIDE: 40'
REAR: 40'



INK BERRY DETAIL
NOT TO SCALE



EVERGREEN TREE PLANTING DETAIL
1"=1'-0" (NTS)

NORTHERN WHITE CEDAR DETAIL
NOT TO SCALE

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

THIS PARCEL OF LAND IS ALSO DESIGNATED AS LOT 20 OF ASSESSOR'S MAP 34-4.

PLANTING NOTES:

FURNISH AND INSTALL ALL PLANTS AS SHOWN ON THE DRAWING AND IN THE SIZE AND QUANTITIES SPECIFIED ON THE PLANTING SCHEDULE.

NURSERY STOCK SHOULD MEET THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AS TO GRADING AND QUALITY.

ALL DISTURBED AREAS ARE TO BE GRADED AS SHOWN ON PLANS WITH SOIL PRESENTLY ON THE SITE AND REVEGETATED AS SPECIFIED.

PLANTING HOLE IS TO BE DUG THE SAME DEPTH AS THE ROOT BALL AND TWO TO THREE TIMES WIDER. SCORE ALL SIDES OF THE HOLE. FILL THE HOLE WITH WATER AND LET THE WATER SEEP INTO THE SOIL.

FOR POTTED PLANTS, REMOVE THE PLANT FROM THE POT. SCORE THE ROOTS BEFORE PLANTING

FOR FIELD GROWN PLANTS, UNTIE OR CUT THE PLASTIC OR BURLAP WRAP IF POSSIBLE OR TURN THE BURLAP DOWN BACK INTO THE HOLE MAKING SURE TO BURY THE MATERIAL COMPLETELY.

IF THE PLANT IS ROOT BOUND, GENTLY LOOSEN THE ROOT BALL TO AID THE ROOTS IN SPREADING OR CUT THE OUTSIDE LAYER OF ROOTS TO STIMULATE NEW ROOT DEVELOPMENT.

PLACE THE PLANT IN THE HOLE SO TOP OF ROOT BALL IS EVEN WITH SOIL SURFACE. FILL THE HOLE HALFWAY AND THEN ADD WATER ALLOWING IT TO SEEP INTO BACK FILLED MATERIAL BE SURE TO REMOVE ALL AIR POCKET FROM BACK FILLED SOIL. DO NOT SPREAD OIL ON TOP OF ROOT BALL. If SOIL IS EXTREMELY POOR REPLACE BACK FILL WITH GOOD QUALITY TOP SOIL. AMEND THE SOIL, AS NECESSARY.

CREATE A 2" TO 4" BERM AROUND THE EDGE OF PLANTING HOLE WITH REMAINING SOIL TO RETAIN WATER.

WATER THOROUGHLY AFTER PLANTING

ADD 2-3" INCHES OF MULCH AROUND THE PLANT. DO NOT PILE OR MOUND MULCH AROUND THE PLANT STEMS OR TRUNK

AN APPROPRIATE WATERING SCHEDULE SHALL BE ESTABLISHED BASED UPON PLANT SPECIES REQUIREMENTS AND SHOULD BE FOLLOWED UNTIL PLANTS ARE FULLY ESTABLISHED.

ALL PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER INSTALLATION AND SHALL BE REPLACED IF NOT ALIVE AND HEALTHY AFTER PERIODIC INSPECTION.

GENERAL NOTES:

ALL UTILITY LOCATIONS ARE APPROXIMATE, DIG SAFE IS TO BE NOTIFIED PRIOR TO ANY CONSTRUCTION TO VERIFY THE EXACT LOCATIONS.

THE EXISTING TOPOGRAPHIC INFORMATION IS BASED ON FIELD WORK PERFORMED BY FRISELLA ENGINEERING IN JUNE 2004, AND OCTOBER 2007.

THE EXISTING SITE ASSESSOR'S MAP 34-4, LOT 20 IS LOCATED IN ZONE A, AREAS OF 100-YEAR FLOOD, BASE FLOOD ELEVATION AND FLOOD HAZARDS NOT DETERMINED AND ZONE C, REFERENCE F.E.M.A. MAP COMMUNITY-PANEL NUMBER 445407 0016 E, REVISED 6/16/92.

NO PUBLIC SEWER AVAILABLE.

APPLIED BIO-SYSTEMS, INC. DELINEATED THE FRESHWATER WETLAND ON 3/23/05, FLAGS 100-118.

THE PROPOSED ISDS IS TO BE A CATAGORY 1 SYSTEM UTILIZING AN ADVANTEX AX-20 PRETREATMENT UNIT FOLLOWED BY A BOTTOMLESS SAND FILTER FOR POST TREATMENT OF EFFLUENT. THE PROPOSED BSF IS 50' FROM THE WETLAND EDGE LOCATED ON THE SUBJECT PROPERTY. THE PROPOSED SEPTIC TANK WITH ADVANTEX UNIT IS 60' FROM THE WETLAND EDGE ON THE SUBJECT PROPERTY.

EROSION AND SEDIMENTATION CONTROL NOTES:

TEMPORARY AND/OR PERMANENT EROSION CONTROL DEVICES SUCH AS BALED HAY, SILT FENCING, ETC. SHALL BE INSTALLED PRIOR TO ANY CLEARING OR EXCAVATION. HAY BALES OR SILT FENCING SHALL BE PLACED IMMEDIATELY DOWN SLOPE AND ADJOINING AREAS OF SOIL DISTURBANCE AND STOCKPILES. INSTALLATION OF ALL EROSION CONTROL DEVICES SHALL BE CONDUCTED IN ACCORDANCE TO DETAIL SPECIFICATIONS.

CLEARING OF EXISTING VEGETATION SHALL BE DONE IN A CONTROLLED MANNER SO AS TO AVOID EXTENSIVE AREAS OF DEFOLIATED TERRAIN SUBJECT TO EROSION. AREAS SO DISTURBED SHALL BE BROUGHT TO FINAL GRADES AND STABILIZED AS SOON AS POSSIBLE.

DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.

ALL EROSION CONTROL DEVICES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS DURING CONSTRUCTION, ESPECIALLY AFTER EACH RAINFALL.

DUE TO CHANGING CHARACTERISTICS OF THE SITE CAUSED BY AND DURING CONSTRUCTION ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE CONDITIONS WARRANT.

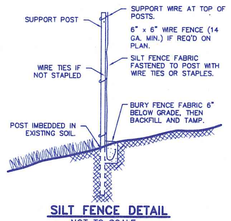
IF CONSTRUCTION IS SUSPENDED, ALL DISTURBED AREAS SHALL BE SEEDED AND ALL NECESSARY EROSION CONTROL DEVICES SHALL BE IN PLACE AND IN GOOD WORKING ORDER. IF SEEDING IS NOT POSSIBLE THEN EROSION CONTROL MATS SHALL BE PLACED OVER ALL DISTURBED SOIL.
EROSION CONTROL BLANKETS (MATS) SHALL BE INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS. EROSION CONTROL BLANKETS (MATS) SHALL BE MANUFACTURED BY NORTH AMERICAN GREEN) OR APPROVED EQUIVALENT AND INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

ALL EROSION CONTROL METHODS, MATERIALS AND MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK".

ALL AREAS WHICH ARE DISTURBED DURING CONSTRUCTION ARE TO BE BROUGHT TO FINISHED GRADE WITH AT LEAST 6" MINIMUM DEPTH OF GOOD QUALITY LOAM AND ALL SOIL AMENDMENTS DEEMED NECESSARY. THE AREA SHALL BE SEEDED WITH A QUICK GERMINATING GRASS SEED SUCH AS URI #2 OR APPROVED EQUIVALENT.

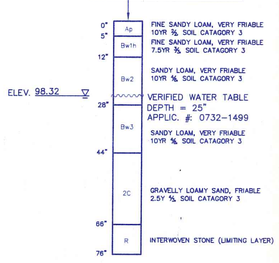
THE CONTRACTOR SHALL PROVIDE FOR ALL SEEDED AREAS TO BE WATERED AND IN GOOD CONDITION UNTIL A GOOD HEALTHY AND UNIFORM GROWTH IS ESTABLISHED OVER THE ENTIRE AREA.

GRAPHICAL SCALE: 1" = 20'
0' 20' 40' 60' 80'

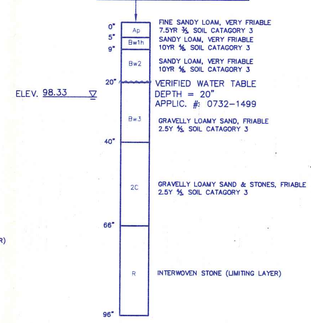


SILT FENCE DETAIL
NOT TO SCALE

SOIL STRATA "A"
GROUND ELEVATION = 100.4
BY JWF : 9/18/07



SOIL STRATA "B"
GROUND ELEVATION = 100.0
BY JWF : 9/18/07



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 24 2008 FILE # 07-0490
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
W. Joseph Casey

FRISELLA ENGINEERING, INC.
CIVIL AND ENVIRONMENTAL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
23 ARNOLD STREET WAKEFIELD, RI
PHONE (401) 783-5949 FAX (401) 783-5997
www.frisella.com

NO.	DATE	DESCRIPTION	BY

DRAWING TITLED:
PLAN OF PROPOSED SITE DEVELOPMENT

LOCATED ON: **LOT# 11**
OF THE "BASS COVE AT INDIAN LAKE" PLAT

OWNED BY:
DONALD C. RATHBUN

ADDRESS:
INDIAN TRAIL SOUTH
IN THE TOWN OF SOUTH KINGSTOWN, RI

DEC 31 2007

OCTOBER 2007
DESIGNED BY: JOSEPH W. FRISELLA, P.E.,
SCALE: 1"= 20'
DRAWN BY: J. KROLL
CHECKED BY: JWF
DRAWING No.
SHEET 1 OF 1

JOSEPH W. FRISELLA
No. 2930
REGISTERED PROFESSIONAL ENGINEER

© 2007 JOSEPH W. FRISELLA, P.E., R.L.S.

ISDS APPLICATION #: 0732-1499

H:\Land Projects\Steve Long\Steve-Lot-20.dwg 12/28/2007 8:54:33 AM EST