

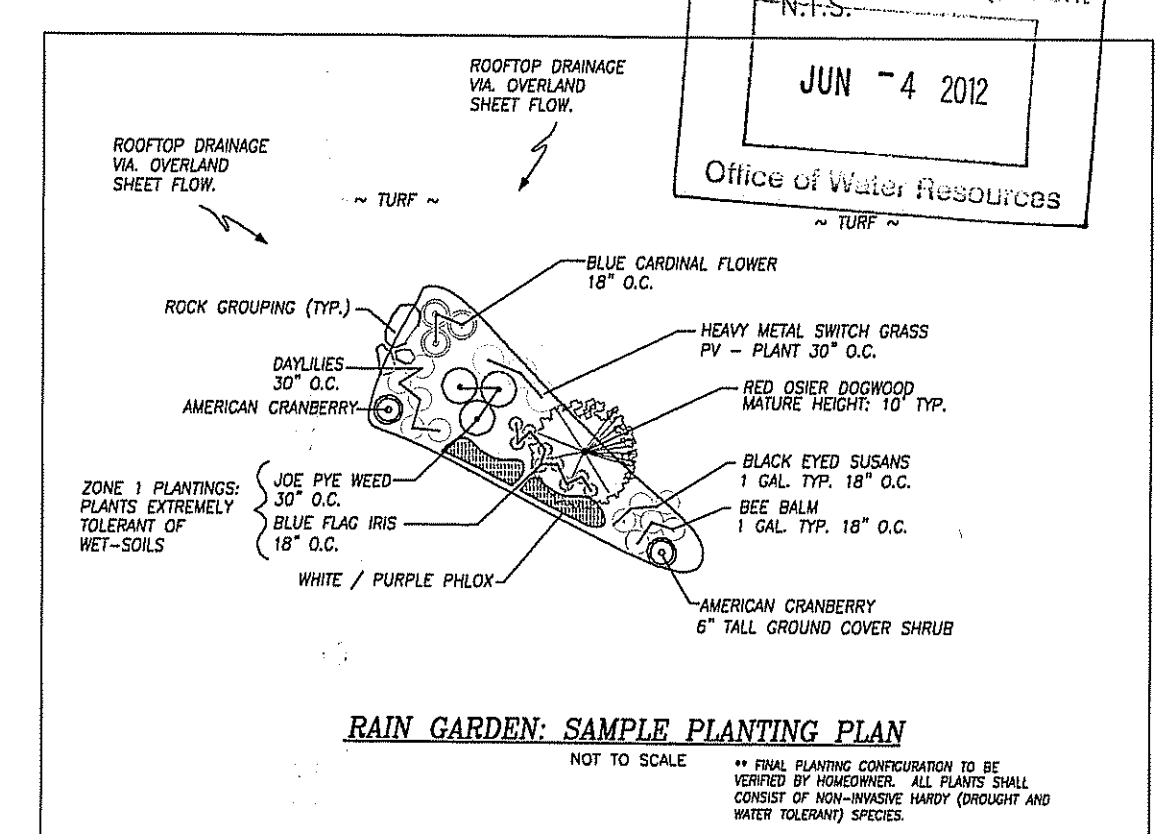
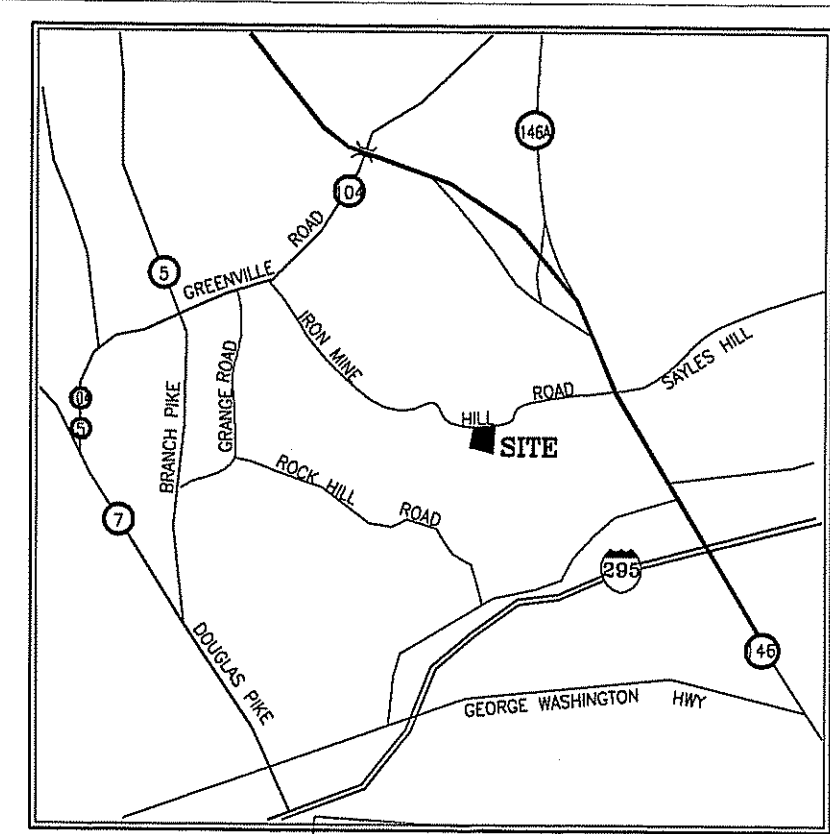
DIMENSIONAL REGULATIONS
ZONING DISTRICT USE: R6 (Residential)

	REQUIRED	PROVIDED
REQUIRED LOT SIZE:	40,000 SF	43,420 SF
REQUIRED LOT WIDTH:	150'	150'
MAXIMUM BUILDING COVERAGE:	20%	3%
MINIMUM YARD SETBACKS:		
MAIN STRUCTURE:		
FRONT:	30 FT.	30 FT.
SIDE:	25 FT.	56 FT.
REAR:	40 FT.	225 FT.
MAXIMUM HEIGHT (FT):		
DWELLING:	30 FT.	28 FT. TYP.
ACC. STRUCTURE:	25 FT.	16 FT.

LOT AREA:	
TOTAL PARCEL AREA:	43,420 S.F. (1.0 ACRES)
BIO-WETLAND AREA:	10,360 S.F. (0.24 ACRES)
PERIMETER WETLANDS:	18,840 S.F. (0.43 ACRES)
UPLAND:	14,120 S.F. (0.33 ACRES)

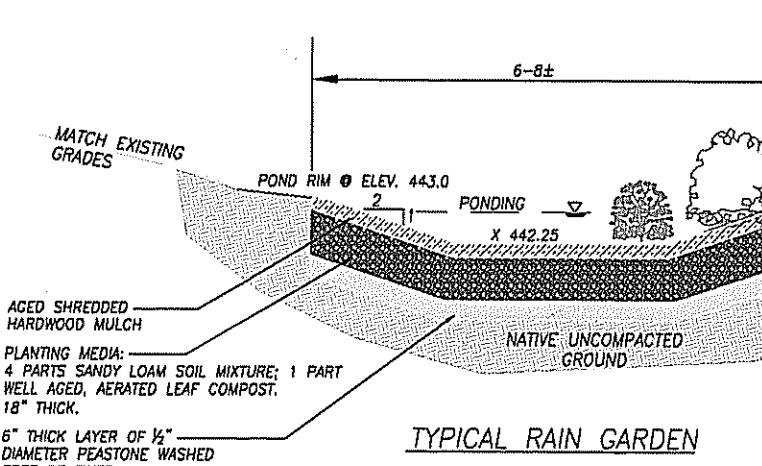
LEGEND

- 406 --- EXISTING CONTOURS
- --- EXISTING CONDITIONS
- X 102 SPOT GRADE
- UTILITY POLE
- --- TREE LINE
- W --- PROPOSED WATERLINE
- --- WELLS (EXISTING/PROPOSED)
- --- PROPERTY LINE
- --- STREAM CHANNEL
- --- DELINEATED WETLANDS
- --- 100' PERIMETER RIVERBANK WETLANDS
- --- 50' WETLANDS SETBACKS
- --- TEST HOLES (LEDGE/GWT)
- --- PROPOSED CONDITIONS
- --- PROPOSED CONTOURS
- --- SEDIMENTATION BARRIER
- --- HAYBALES/SILT FENCE
- --- LIMIT OF DISTURBANCE
- --- TEMPORARY WORK ZONE
- --- TEMPORARY WORK ZONE
- --- ROOF DRAIN



BIOFILTRATION CONSTRUCTION NOTES:

1. THE BIORETENTION AREA SHALL BE CONSTRUCTED FOLLOWING THE COMPLETION AND STABILIZATION OF OTHER SITE WORK. COMPACTION OF THE RAIN GARDEN AREA PRIOR TO AND DURING CONSTRUCTION MUST BE AVOIDED. EXCAVATION SHALL BE COMPLETED USING LIGHT EQUIPMENT WITH WIDE TRACKS.
2. IF SPECIFIED, UNDERDRAINS SHALL BE PLACED ON A MINIMUM OF 3" WIDE SECTION OF FILTER CLOTH, OVERLAIN BY GRAVEL BEDDING FREE FROM FINES. PIPE SHALL BE SLOPED A MINIMUM OF 0.5%.
3. IF THE AREA DOES BECOME COMPACTED, SOIL MUST BE TILLED TO A MINIMUM DEPTH OF 12".
4. PLANTS SHOULD BE PLANTED IN A PIT 6" LARGER THAN DIAMETER OF PLANTING BALL WITH BALL 1/8" OF INCH ABOVE THE FINAL GRADE SURFACE.
5. PLANT ONLY NONINVASIVE SPECIES. FOLLOW THE RECOMMENDED PERENNIAL PLANT LIST, UTILIZING LOW-MAINTENANCE, WATER AND DROUGHT TOLERANT SPECIES.
6. MAINTENANCE: REPLACE DEAD PLANTS, DEAD-HEAD AND PRUNE AS REQUIRED. MULCH ANNUALLY. FERTILIZER SHALL NOT BE UTILIZED. AMEND SOIL YEARLY WITH A COMPOST MIX.
7. FOLLOW SOIL SPECIFICATIONS TO PROVIDE A PLANTING MEDIA WITH ADEQUATE NUTRIENTS. PLANTING MEDIA SHALL BE PLACED IN 12" LIFTS.
 - PLANTING MEDIA - THE MATERIAL TO BE FURNISHED SHALL BE A UNIFORM MIX FREE OF SUBSOL, REFUSE, STUMPS, ROOTS, ROCKS, BRUSH, WEEDS OR OTHER MATERIAL WHICH WOULD PREVENT THE FORMATION OF A SUITABLE SEED BED. THE MEDIA SHALL CONSIST OF THE 4 PARTS PLANTING SOIL & 1 PART WELL AGED, AERATED, LEAF COMPOST.
 - PLANTING SOIL: SAND: 60-65% SOIL FINES: 8-12% (NO MORE THAN 2% CLAY) ORGANIC MATTER: 3-5%
8. MAINTENANCE: MULCH ONLY AROUND THE INDIVIDUAL PLANTS USING WELL AGED SHREDDED HARDWOOD. BARK MULCH AND WOOD CHIPS ARE NOT TO BE USED AS THEY FLOAT TO THE SURFACE.



CONTRIBUTING AREA:	DRIVEWAY (880 SF)	GARAGE (384 SF)
WATER QUALITY VOLUME:	67 CUBIC FEET	32 CUBIC FEET
REQUIRED BOTTOM AREA:	64 SQUARE FEET	40 SQUARE FEET

(see Table 7 Residential Land Development for Individual Single Lots)

APPROVED PLANS MUST BE AT CONSTRUCTION SITE
 APPROVED WITH CONDITIONS
 FRESHWATER WETLANDS PROGRAM
 OFFICE OF WATER RESOURCES
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 APPROVED JUN 12 2012
 FILE # 12-0022
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED JUN 12 2012

NOTES:

1. THIS PROJECT WILL BE SERVICED BY A PRIVATE OWTS (#0425-2954) & PRIVATE WELL.
2. THIS PROJECT PREVIOUSLY RECEIVED AN INSIGNIFICANT ALTERNATION PERMIT FROM THE DIVISION OF FRESHWATER WETLANDS (#1042-2925).
3. SOILS IN THE BUILDABLE PORTION OF THE SITE ARE CLASSIFIED AS CANTON AND CHARLTON FINE SANDY LOAM VERY RICH (CvC) - USDA HYDROLOGICAL SOIL GROUP "B".
4. THIS SITE IS NOT LOCATED WITHIN A NATURAL HERITAGE AREA.
5. ACCORDING TO FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 445007-C0160G REVISED 3/2/2009, THIS ENTIRE SITE LIES WITHIN FLOOD ZONE C - AREAS OF MINIMAL FLOODING.

EROSION & SEDIMENT CONTROL NOTES:

1. EXTREME CARE SHALL BE EXERCISED TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING A CRITICAL AREA (WETLAND, BUFFER ZONE, ABUTTING PROPERTY). THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE ANY DISTURBED AREAS.
2. ALL EROSION CONTROL METHODS, MATERIALS, AND MAINTENANCE SHALL BE ACCOMPLISHED ACCORDING TO THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, PREPARED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL TEMPORARY EROSION AND SEDIMENT CONTROLS, AS SHOWN ON THE PLANS AND DIRECTED BY THE ENGINEER. ALL RUNOFF SHALL BE CONTROLLED. IN NO CASE SHALL ANY DIRECT RUNOFF BE ALLOWED TO ENTER ONTO ADJUTING PROPERTIES OR INTO THE WETLAND BUFFERS.
4. HAYBALES/SILT FENCING SHALL BE PLACED IMMEDIATELY DOWN SLOPE OF SOIL DISTURBANCE AREAS AS SHOWN ON THE PLANS. ADDITIONAL HAYBALES OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
5. TEMPORARY STUMP PILES, BOULDER DUMPS, AND STOCKPILES OF EARTHEN MATERIALS SHALL BE WITHIN APPROVED UPLAND AREAS OUTSIDE OF WETLAND JURISDICTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL SEDIMENT AND EROSION CONTROLS UNTIL ALL AREAS ARE STABILIZED. CONTROLS SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF VEGETATION IS ESTABLISHED.
 - A. IF SEDIMENTS ENTER A CRITICAL AREA, THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE THE AREA.
 - B. HAYBALES AND SILT FENCE SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EVERY RAINFALL EVENT FOR EFFECTIVENESS. THE CONTRACTOR SHALL REPLACE OR REPAIR THE CONTROLS AS REQUIRED AND SHALL ALSO REMOVE ANY SEDIMENT WHICH ACCUMULATES UP TO ONE-HALF THE HEIGHT OF THE BALE/FENCE.

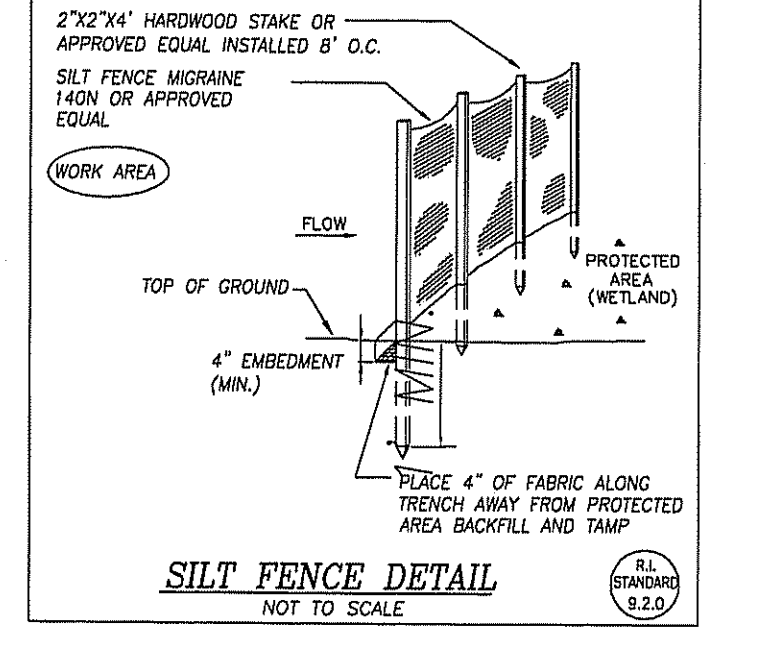
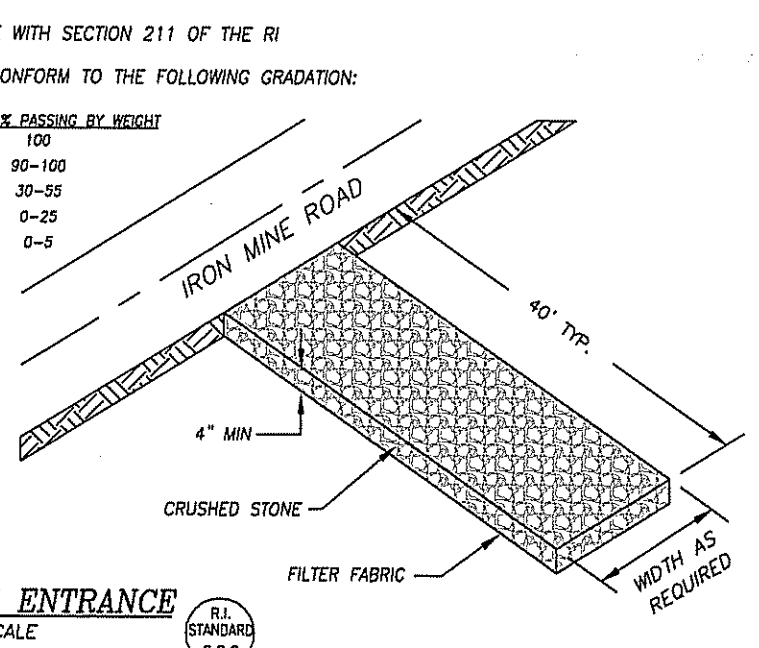
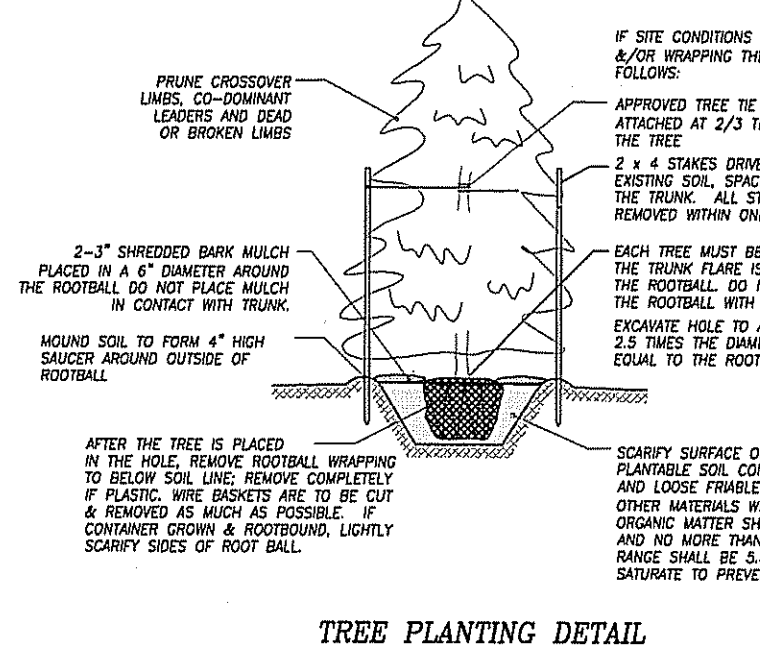
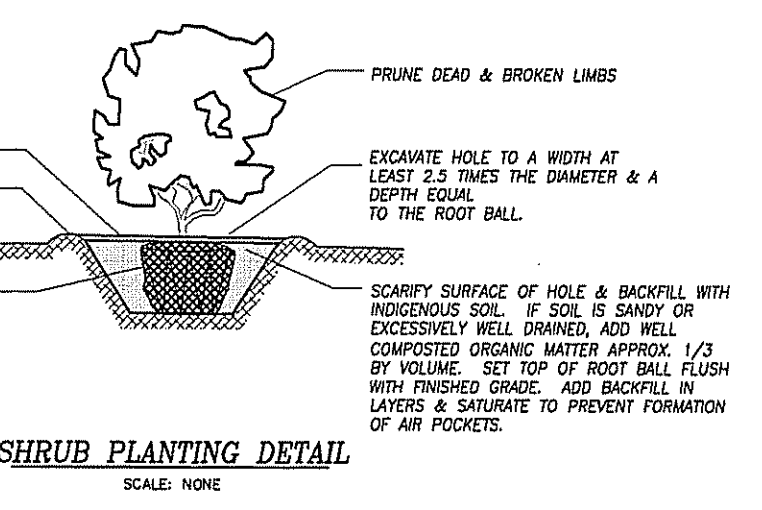
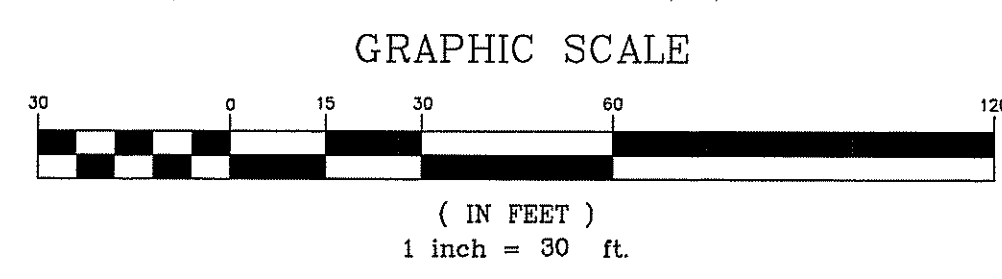
ACCEPTABLE PLANTING MATERIALS:

SP. NO.	COMMON NAME	REMARKS
1	RED FESCUE	75
2	KENTUCKY BLUEGRASS	15
3	COLOMBIA BLUEGRASS	5
4	PERENNIAL RYEGRASS	5
5	REED CANTONGRASS	20
6	LADINO CLOVER	1

* CLOVER SEED SHALL BE INOCULATED SEED.

SEQUENCE OF CONSTRUCTION:

1. INSTALL PERIMETER SEDIMENT CONTROL MEASURES:
 - A. PERFORM SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION.
 - B. INSTALL SILT FENCE/HAYBALES PER R.I. STATE STANDARD.
 - C. INSTALL CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED (OWTS DRAINFIELD & RAIN GARDEN)
 - D. INSTALL CONSTRUCTION ENTRANCE.
2. CLEAR AND GRUB AREA WITHIN PERMITTED WORKZONE.
3. STRIP & STOCKPILE TOPSOIL, AS NECESSARY. PROVIDE TEMPORARY STABILIZATION AROUND STOCKPILE (SEED PILE AND INSTALL SILT FENCE AROUND TOE OF SLOPE).
4. CONSTRUCT SITE AMENITIES.
5. PERFORM MAINTENANCE INSPECTIONS OF HAYBALES AND SILT FENCE CONDITIONS WEEKLY AND AFTER EVERY RAINFALL EVENT WITH 1/2" OR MORE. REPLACE OR REPAIR THE CONTROLS AS REQUIRED AND REMOVE ANY SEDIMENT WHICH ACCUMULATES UP TO ONE-HALF THE HEIGHT OF THE BALE/FENCE.
6. TEMPORARILY OR PERMANENTLY STABILIZE ALL DISTURBED AREAS WITHIN 7 DAYS OF CEASING WORK.
7. ONCE ADJUTING AREAS ARE ESTABLISHED WITH TURF AND STABILIZED, CONSTRUCT RAIN GARDEN.
8. PERMANENTLY STABILIZE LOT.
9. REMOVE ALL TEMPORARY SOIL AND SEDIMENT EROSION CONTROLS AFTER THE SITE IS FULLY STABILIZED WITH VEGETATION.



PREPARED FOR: REVISIONS

NO.	DATE	REVISIONS
1	5/22/12	STORMWATER CONTROLS & LOD

PREPARED BY: JEFFREY J. CAMPOPIANO, P.E.
 16 WEST MAIN STREET
 WICKFORD, RHODE ISLAND 02852
 (401) 295-3037

SITE PLAN

IRON MINE HILL ROAD
 A.P. 17 / LOT 248
 NORTH SMITHFIELD, RHODE ISLAND

DATE: 4/19/12
 SCALE: 1" = 30'
 DESIGNED: JJC

DRAWING NUMBER: 1

SHEET 1 OF 1

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