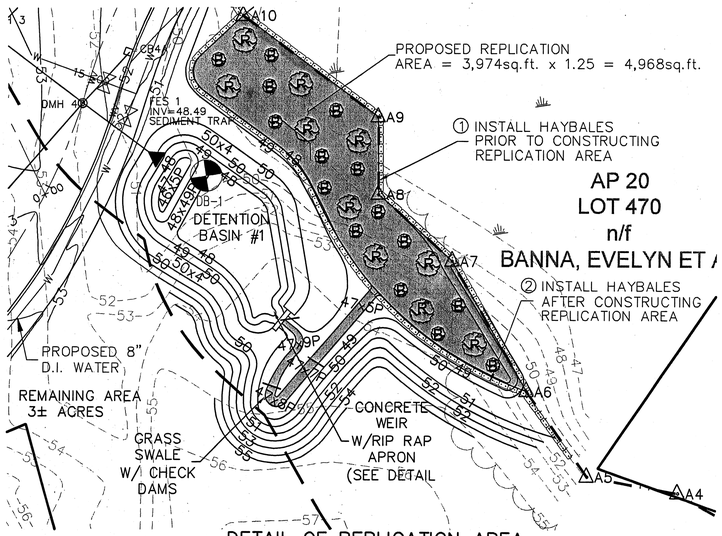
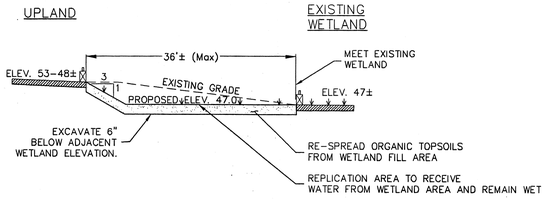
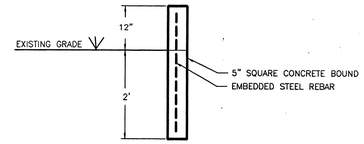


DETAIL OF REPLICATION AREA
(1" = 30')

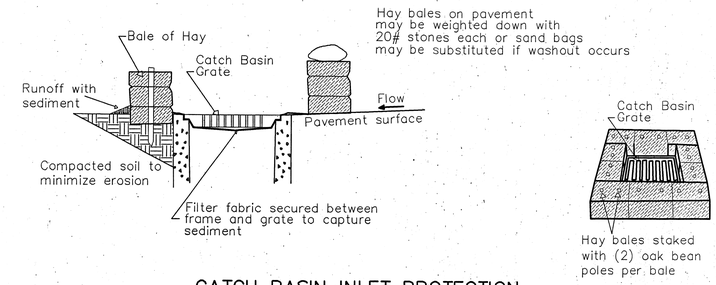
3,974 sq.ft. (filled) x 125 % = 4,968 sq.ft. (replication)



REPLICATION SECTION DETAIL
(NOT TO SCALE)



CONCRETE BOUND DETAIL
NOT TO SCALE



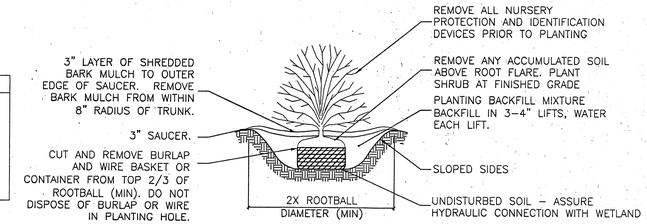
CATCH BASIN INLET PROTECTION
NOT TO SCALE

Replication Area Schedule:

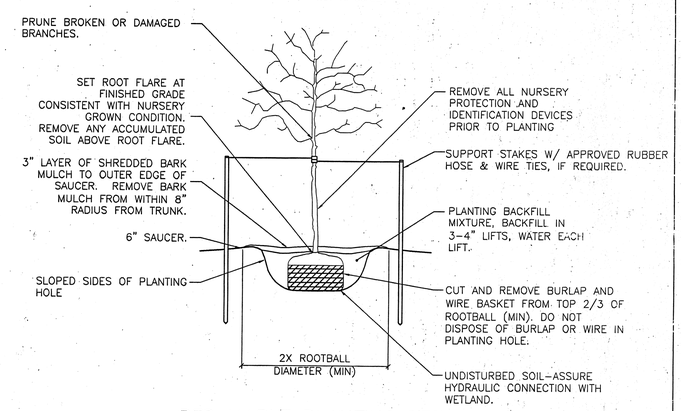
1. Set hay bales as shown on plan and described in details.
2. Save and stockpile all top soils containing indigenous plant seeds.
3. Excavate replication area 6" below adjacent wetland elevation as shown.
4. Spread 4"– 6" of stockpiled and imported organic peat and muck soils.
   a. Proper elevations of the wetland replication area shall be verified and approved by a qualified botanist prior to plantings.
5. Plant indigenous wetland species including (10) Red Maple (Acre rubrum) (15) Highbush Blueberry (Vaccinium corymbosum) as shown.
6. Spread 4"– 6" of leaf mulch on surface to aid in moisture retention and provide temporary stabilization to any exposed soil surfaces.
7. Ground cover to naturally invade replicated area–20% of ground cover to be transplanted native species from adjacent wetland.
8. 75% of the surface area shall be reestablished with wetland species after two growing seasons.
9. A qualified botanist will file reports with the conservation commission describing the condition and percent of re-vegetated ground cover following the first two growing seasons as described in the monitoring and maintenance plan.
10. Hay bales to be left to decompose organically.
11. See "Wetland Replication Area Monitoring and Maintenance Plan" in NOI.

LAYER	Common name	Scientific Name	Size	Quantity
Trees	Red Maple	Acer rubrum	3" cal.	10
Shrubs	Highbush Blueberry	Vaccinium corymbosum	5 gal.	15
Ground	N.E. Wetmix (wet meadow)		N/A	30 lb

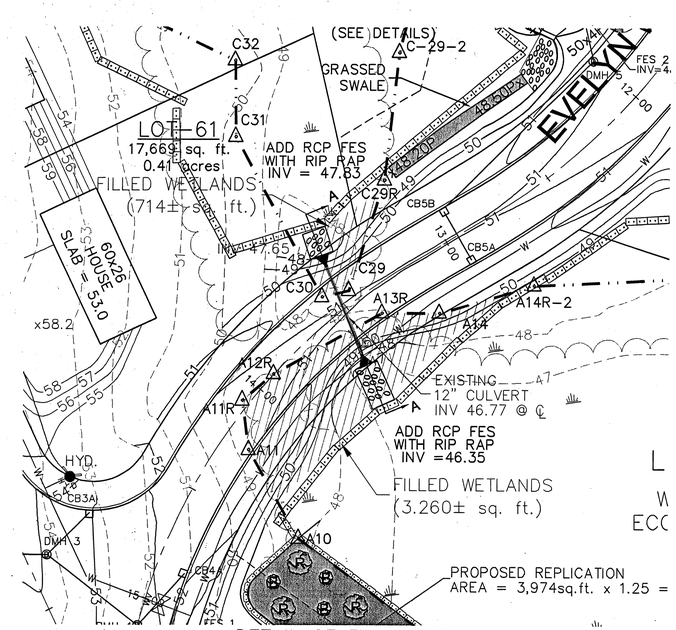
PLANTING LIST



HIGHBUSH BLUEBERRY PLANTING DETAIL
NOT TO SCALE

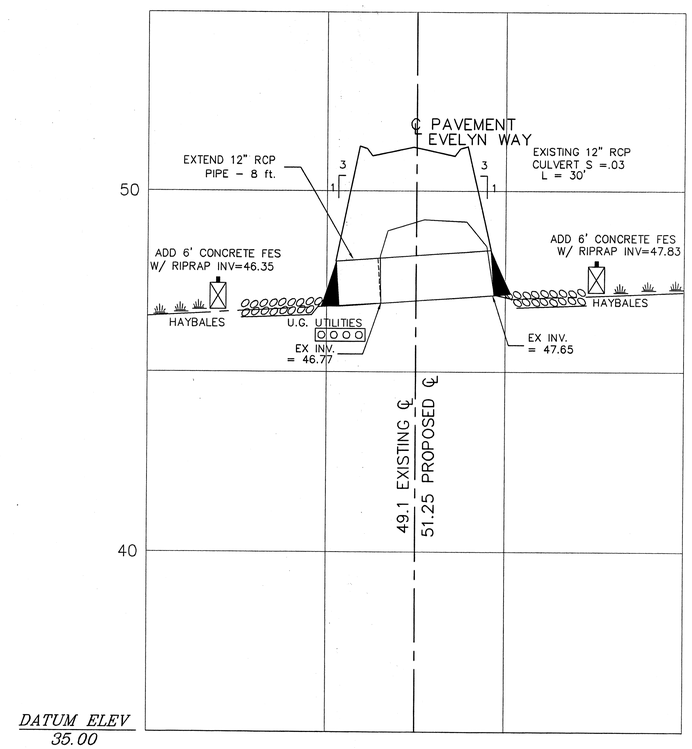


RED MAPLE PLANTING DETAIL
NOT TO SCALE



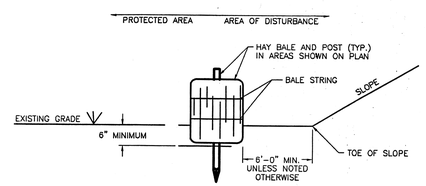
DETAIL OF FILL AREA
(1" = 30')

Total Fill Area = 714 sq.ft. + 3,260 sq.ft.
= 3,974 sq.ft.



SECTION A–A STA 4+49
FILL AREA AT CULVERT

(SCALE: 1" = 20' HORIZONTAL)
(SCALE: 1" = 2' VERTICAL)



NOTES:

1. HAY BALES ARE TO BE PLACED WITHIN A 6" MINIMUM TRENCH PRIOR TO CONSTRUCTION TO PROTECT EXPOSED SLOPES FROM EROSION.
2. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO THE TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICES.
3. BALE STRING SHALL BE LAID PARALLEL TO THE GROUND SURFACE.
4. EACH BALE TO BE SECURELY STAKED INTO THE GROUND WITH (2) 1"x1"x3' OAK BEAN POLE.
5. CONTRACTOR IS RESPONSIBLE TO MAINTAIN INTEGRITY OF HAY BALE LINE FOR DURATION OF CONSTRUCTION.
6. EROSION CONTROLS TO REMAIN UNTIL SOIL CONDITIONS STABILIZE.
7. LOOSE HAY TO BE SPREAD ON AREAS OF EXPOSED LOAM & SEED UNTIL GERMINATION AND STABILATION OCCURS.
8. NO EVASIVE SPECIES OF HAY OR GRASSES ARE TO BE INTRODUCED TO THE SITE.

HAY BALE DETAIL
(NOT TO SCALE)

Seekonk Planning Board
Approval Under Subdivision Control Law

_____
_____
_____
_____

CLERK_____DATE_____

COMMONWEALTH OF MASSACHUSETTS
PAUL D. CARLSON
CIVIL
NO. 40985
REGISTERED PROFESSIONAL ENGINEER

Construction Details
"Banna Estates"
AP 20 LOTS 470/605 AP 19 LOT 539

APPLICANT
Fall River Avenue Development Partners, LLC
Steven Najas, Managing Member
111 Miles Avenue, East Providence, RI 02914

69-631

INSITE Engineering Services, LLC
PROFESSIONAL ENGINEERS and LAND SURVEYORS
InSite Professional Complex – Suite #1
1539 Fall River Avenue
Seekonk, Massachusetts 02771
Phone: (508) 336-4500
Fax: (508) 336-4558

DATE: AUGUST 2, 2007
DATE: OCTOBER 25, 2007 (NOI)
REVISED: FEBRUARY 27, 2008 (NOI)

Sheet 20 NOI DETAIL

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