



REACH 4A LEGEND

	PROPERTY BOUNDARY		EXISTING TREE
	EXISTING CONTOURS (0.5')		NEST
	EXISTING INFRASTRUCTURE		CAVITY
	FLOODPLAIN EASEMENT		SUBSURFACE EROSIONAL FEATURE
	EXISTING EASEMENT		SNAG
	PROPOSED BANKFULL		DEN
	PROPOSED CENTERLINE		EXISTING CHANNEL BACKFILL AREA
	PROPOSED CONTOURS (0.5')		
	LIMITS OF CLEARING		
	PROPOSED TEMP. IRRIGATION		
	PROPOSED MODIFIED CROSS VANE		
	PROPOSED ROCK STEP		

REACH 4A MEANDER PLANTING PLAN

2" CALIPER TREES	(QTY)	SCIENTIFIC NAME (COMMON NAME)
	(7)	BETULA NIGRA (RIVER BIRCH)
	(9)	CERCIS CANADENSIS (EASTERN REDBUD)
	(11)	CORNUS FLORIDA (FLOWERING DOGWOOD)
	(12)	ILEX OPACA (AMERICAN HOLLY)
	(8)	PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE)
	(6)	QUERCUS PALUSTRIS (PIN OAK)
B&B SHRUBS	(QTY)	SCIENTIFIC NAME (COMMON NAME)
	(9)	ILEX VERTICILLATA (COMMON WINTERBERRY)
	(9)	CORYLUS AMERICANA (AMERICAN HAZELNUT)
	(14)	VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)
1 GAL. HERBACEOUS	(QTY)	SCIENTIFIC NAME (COMMON NAME)
	(70)	OSMUNDA CINNAMOMEA (CINNAMON FERN)
	(70)	POLYSTICHUM ACROSTICHOIDES (CHRISTMAS FERN)
	(70)	THELYPTERIS NOVEBORACENSIS (NEW YORK FERN)
(729 TOTAL SF)		
1 GAL. HERBACEOUS	(QTY)	SCIENTIFIC NAME (COMMON NAME)
	(48)	EUPATORIUM FISTULOSUM (JOE PYE WEED)
	(48)	EUPATORIUM PERFOLIATUM (BONESET)
	(48)	RUDBECKIA HIRTA (BLACK-EYED SUSAN)
	(48)	THELYPTERIS NOVEBORACENSIS (NEW YORK FERN)
	(48)	VERBESINIA ALTERNIFOLIA (WINGSTEM)
(825 TOTAL SF)		

NOTES

- Herbaceous plants to be installed randomly throughout specified planting area with a spacing of 2' o.c.
- Transplants from other reaches will be used as much as possible for all or part of the shrubs and/or herbaceous plants specified above. Transplants must be as large or larger than the sizes specified above (for a shrub or herbaceous plant), be an identical match to the species it is replacing, and be approved by the construction manager prior to installation. Transplants may only be harvested from within the approved stream restoration LOC (i.e. areas to be impacted). Construction manager will coordinate with the contractor to flag and relocate transplants.
- Substitutions based upon availability of nursery stock shall be requested and approved by the construction manager prior to installation. For herbaceous species, substitutions using transplant material (as described above) shall be given first preference over substitutions using nursery stock. It is anticipated that only fern substitutions/transplants will be available. Thus, it is acceptable to use them in place of non-fern species, provided they are one of the three species specified and a mixture of the three are used.
- Temporary irrigation lines to remain in place with sprinkler heads removed after second growing season. Irrigation to be used for the first growing season, and if needed, during second growing season if drought conditions exist.



REVISIONS		App. By	FRG
No.	Date	Description	
5	6/4/09	Add Sheet #25A	

DATE: MAY 2009
 SCALE: 1" = 10'