

WETLAND CREATION AND PLANTING DETAILS

NOTES:

SILT FENCE SHALL BE PROPERLY INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY WITHIN THE AREA. SILT FENCE SHALL BE REGULARLY MAINTAINED, AND TRAPPED SEDIMENTS SHALL BE CLEANED OUT WHEN THEY HAVE REACHED ONE HALF THE HEIGHT OF THE FENCE AND BEFORE MAJOR PREDICTED RAINFALLS. THE SILT FENCE WILL BE REMOVED ONCE THE VEGETATION HAS BEEN ESTABLISHED SUCCESSFULLY. SILT FENCE SHALL ALSO BE INSTALLED ALONG TOE OF EXCAVATED SIDESLOPES ONCE GRADED TO PROTECT NEW WETLAND AREAS.

ALL EXPOSED SOILS SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE AFTER FINAL GRADING AND EROSION REPAIRS.

AREAS DESIGNATED FOR CONSTRUCTION OF WETLANDS SHALL BE UNDERCUT 12 INCHES (PAID AS COMMON EXCAVATION) FROM FINISHED GRADE. THIS UNDERCUT SHALL BE BACK-FILLED TO FINISH GRADE WITH MATERIAL PAID FOR AS GRUBBING MATERIAL, MOD.

GRUBBING MATERIAL, MOD. SHALL BE EXCAVATED FROM THE EXISTING TOP 12 INCH LAYER OF MATERIAL IN THE CLASS II WETLAND AREAS IMPACTED BY THE NEW ROADWAY SIDESLOPES. THESE AREAS ARE REV. 94+00 THRU 96+00 LT. AND RT.. ONCE EXCAVATED, THIS MATERIAL SHALL BE STOCKPILED IN A CONTROLLED AREA FREE FROM POSSIBLE CONTAMINATION OF OTHER MATERIALS AND/OR POLLUTANTS. THIS STOCKPILE SHALL BE KEPT MOIST AND COOL TO AVOID FERMENTING. CONSTRUCTION PHASING SHALL BE PLANNED SO STOCKPILED TIME IS KEPT TO AN ABSOLUTE MINIMUM.

CREATED WETLAND AREAS SHALL BE SEEDED WITH WETLAND SEED MIXTURE AT A RATE OF ONE POUND PER 2500 SQUARE FEET. CREATED WETLAND AREAS SHALL NOT BE HYDROSEEDED, FERTILIZED, MULCHED, OR HAVE AGRICULTURAL LIMESTONE APPLIED TO THEM.

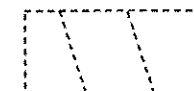
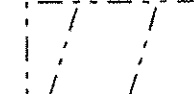
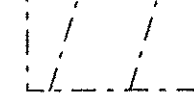



SHRUB PLACEMENT AS INDICATED ON PLAN IS CONCEPTUAL ONLY. ACTUAL PLACEMENT OF SHRUBS IS DEPENDENT UPON HYDRIC SOIL CONDITIONS, AND SHALL BE DETERMINED BY RESIDENT ENGINEER.

SHRUBS SHALL NOT BE ACCLIMATED TO HYDRIC SOILS ONLY. SHRUBS SHOULD BE TOLERANT OF A RANGE OF SOIL CONDITIONS.

RODENT GUARDS (SILT FENCES) SHALL BE INSTALLED AROUND EACH GROUP OF NEW SHRUB PLANTINGS TO PROVIDE PROTECTION AGAINST RODENTS AND OTHER ANIMALS DURING THE INITIAL ESTABLISHMENT PERIOD. SILT FENCES ARE TO BE REMOVED AT THE END OF THE FIRST YEAR ESTABLISHMENT PERIOD.

THE CONTRACTOR SHALL PRESERVE ALL EXISTING VEGETATION OUTSIDE OF THE CONSTRUCTION LIMITS DURING CONSTRUCTION.

LEGEND

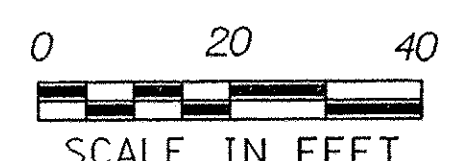
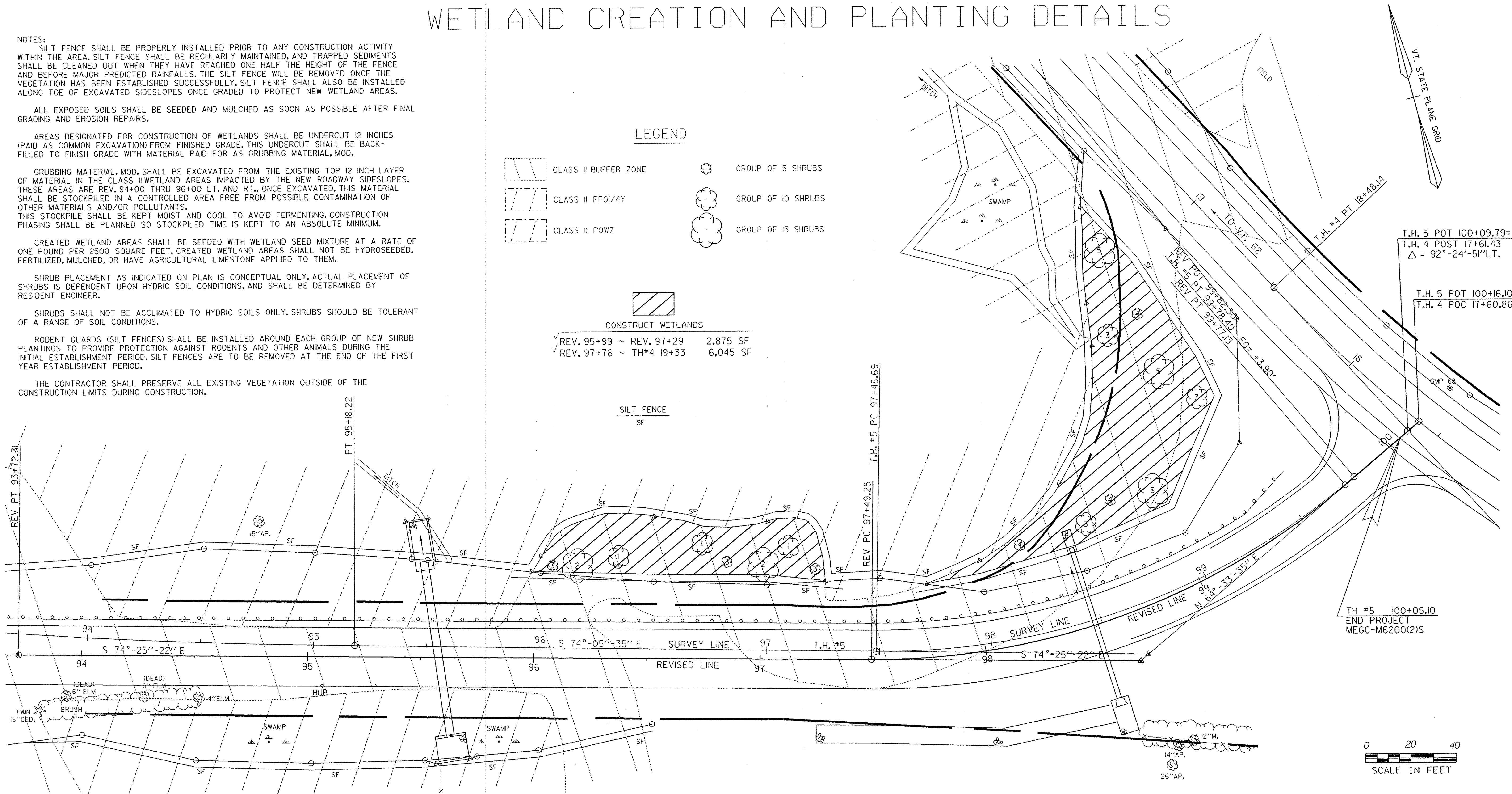
-  CLASS II BUFFER ZONE
-  CLASS II PFOI/4Y
-  CLASS II POWZ
-  GROUP OF 5 SHRUBS
-  GROUP OF 10 SHRUBS
-  GROUP OF 15 SHRUBS



CONSTRUCT WETLANDS

- ✓ REV. 95+99 ~ REV. 97+29 2,875 SF
- ✓ REV. 97+76 ~ TH#4 19+33 6,045 SF

SILT FENCE
SF



SHRUBS TO BE PLANTED:

QUANTITY	TYPE	SIZE
15	4. RED-OSIER DOGWOOD (CORNUS STOLONIFERA)	18" - 24"
30	2. Highbush Cranberry (VIBURNUM TRILOBUM)	18" - 24"
30	1. Arrowwood (VIBURNUM RECOGNITUM)	18" - 24"
45	3. Silky Dogwood (CORNUS AMOMUM)	18" - 24"
45	5. Nannyberry (VIBURNUM LENTAGO)	18" - 24"

WETLAND SEED MIXTURE:

COMMON NAME	SCIENTIFIC NAME	% IN MIX
LURID SEDGE	CAREX LURIDA	30
FOWEL MEADOW GRASS	GLYCERIA CANADENSIS	25
FRINGED SEDGE	CAREX CRINITA	10
JOE-PYE WEED	EUPATORIADDELPHUS MACULATUS	10
BROOM SEDGE	CAREX SPP. OVALES GROUP	10
WOOLGRASS	SCIRPUS CYPERINUS	5
BONESET	EUPATORIUM PERFOLIATUM	5
TUSSOCK SEDGE	CAREX STRICTA	<5
BLUE VERVAIN	VERBENA HASTATA	<5

SURVEYED BY	C. REED	DATE	9-87
DRAWN BY	D. WILLEY	DATE	10-87
SQUAD LEADER	T. BOHL		
DESIGN FILE NO.	/sadd/87e055/de055bor.dgn		
IPARM FILE	de055wet.l	DATE PLOTTED	17-JUL-1997
PROJ. NAME	BERLIN		
PROJ. NO.	MEGC-M6200(2)S		
SHEET	36	OF	73 SHEETS