

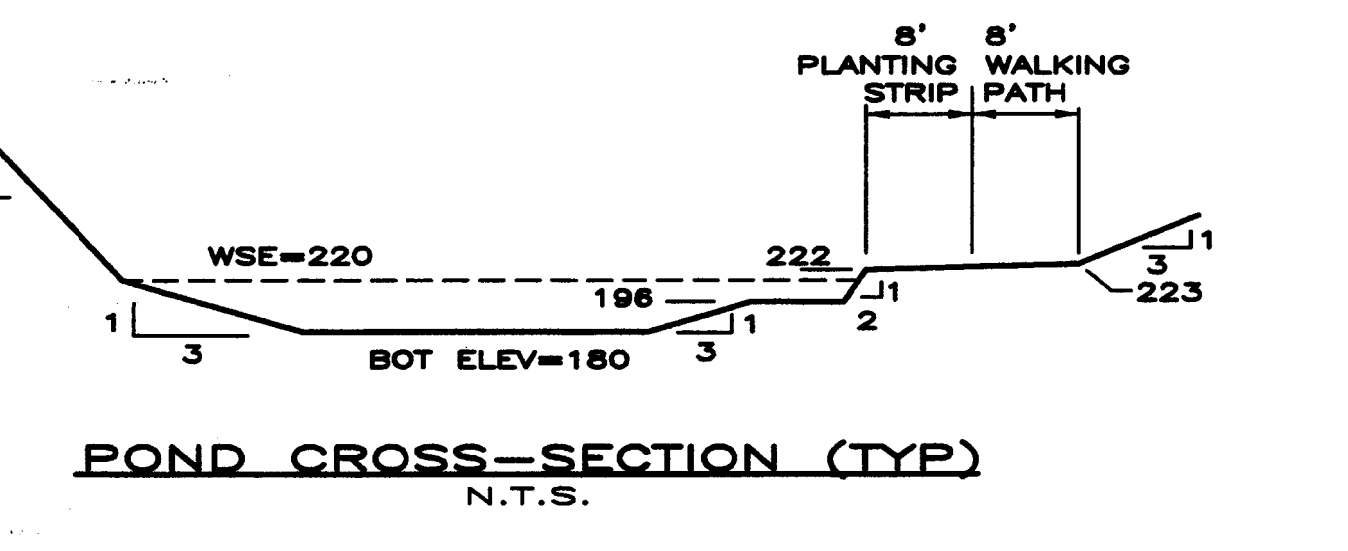
**Plant Selection for Pond Planting Strip**

**BERMS, BANKS, AREAS CONSTITENTLY ABOVE WATER LINE**  
Plants listed according to the frequency they are found in wetlands (dryer to wetter)

Herbaceous	Forbs
Asclepias tuberosa (UPL)	Carex necrosea (UPL)
Monarda punctata (UPL)	Rhus aromatica (UPL)
Sorghastrum nutans (UPL)	Impatiens virginiana (FACU)
Panicum Anatum (FACU)	Viburnum prinosifolium (FACU)
Rudbeckia hirta (FACU)	Urtica dioica (FACU)
Schizanthus coccineus (FACU)	Plantago virginica (UPL)
	Morone canadensis (FAC)
	Aronia melanocarpa (FAC)
	Rhus glabra (FAC)
	Nyssa sylvatica (FAC)
	Urtica dioica (FAC)
	Thalictrum flavum (FAC)
	Thalictrum flavum (FAC)

**WATER'S EDGE AREAS ALTERNATELY FLOODED AND DRY**  
Plants listed according to the frequency they are found in wetlands (dryer to wetter)

Herbaceous	Forbs
Lupinus albus (FAC)	Juncus effusus (FACW)
Panicum virgatum (FAC)	Lobelia cardinalis (FACW)
Aster novae-angliae (FACW)	Lobelia spicata (FACW)
Erigeron philadelphicus (FAC)	Scirpus cyperinus (FACW)
Erigeron philadelphicus (FAC)	Viburnum hastata (FACW)
Elymus riparius (FACW)	Viburnum dentatum (FACW)
Quercus muhlenbergii (FACW)	Viburnum dentatum (FACW)
Aster novae-angliae (FACW)	Asclepias incarnata (OBL)
Calluna vulgaris (FACW)	Carex lasiocarpa (OBL)
Lupinus albus (FACW)	Iris versicolor (OBL)
	Aster rubrum (FAC)
	Aster multiflorus (FAC)
	Asclepias tuberosa (FAC)
	Carex lasiocarpa (FAC)
	Salix discolor (FACW)
	Sium laciniatum (FACW)
	Viburnum dentatum (FACW)
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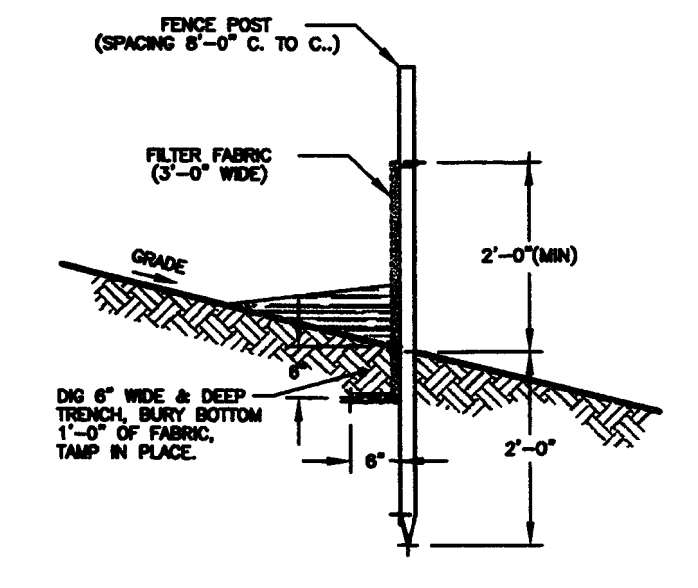
**POND CROSS-SECTION (TYP)**  
N.T.S.

**SOIL EROSION AND SEDIMENTATION CONTROL PLAN**

- 1) FILTER FABRIC FENCING AND/OR HAY BALS SHALL BE PLACED IN AREAS WHERE SEDIMENTATION WILL LEAVE THE PROPERTY. SEE FILTER FABRIC FENCING DETAIL FOR INSTALLATION INSTRUCTIONS.
- 2) RIP-RAP BERMS ARE TO BE CONSTRUCTED AND MAINTAINED ALONG THE RAILROAD AS SHOWN TO REDUCE THE VELOCITY OF RUN-OFF IN THE DITCH. BERMS TO BE APPROXIMATELY 2' HIGH.
- 3) CONTOUR SWALES ARE CONSTRUCTED, SIMILAR TO CONTOUR FARMING, TO RETARD RUN-OFF AND REDIRECT IT TO THE QUARRY OPERATION AREAS AND THE EXISTING SEDIMENTATION FACILITIES.
- 4) ALL ROADS OR TRAVELED RIGHT-OF-WAYS WITHIN THE QUARRY SHALL BE SPRAYED WITH WATER WHEN REQUIRED TO CONTROL DUST. STREET SWEEPER SHALL BE UTILIZED TO CLEAN THE ENTRANCE ROADWAY, APRON AREA, AND PAVED HAUL ROAD WITHIN THE QUARRY AS REQUIRED.
- 5) ALL DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC WILL RECEIVE A TEMPORARY SEEDING. IF THE SEASONS PREVENT THE ESTABLISHMENT OF A TEMPORARY SEEDING, MEASURES SHALL BE TAKEN TO PREVENT EXCESSIVE EROSION AND THE AREA SHALL BE PLANTED IN THE NEXT PLANTING SEASON.

TEMPORARY SEEDING: LIME - AS REQUIRED  
FERTILIZER - AS REQUIRED  
SEED - 0.9 LBS./1,000 SQ. FT. OF ANNUAL RYE

PERMANENT SEEDING: LOFTS WILDFLOWER SEED MIX PER MANUFACTURER'S RECOMMENDATIONS

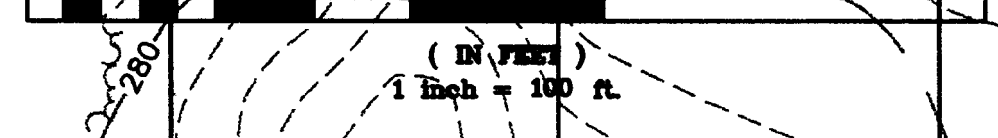


**FILTER FABRIC FENCE DETAIL**  
N.T.S.

**SITE MAP**

SCALE - 1" = 100'

GRAPHIC SCALE



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**2008 RECLAMATION PLAN**  
**MILLINGTON QUARRY**  
 (TAX MAP SHEET #S 34, 38 & 48)  
 TOWNSHIP OF BERNARDS  
 COUNTY OF SOMERSET STATE OF NEW JERSEY

**RECLAMATION PLAN** 2  
 DATE: 1/24/08  
 SCALE: 1" = 100'  
 SHEET NO.: 1084-000

**KEVIN C. ... E., P.P.**  
 N.J. PROFESSIONAL ENGINEER LICENSE No. 25114