SEEDING MIXES

Seeding Mix 1 – (1st Terrace – erosion control & temporary flood tolerance)

COMMON NAME	SCIENTIFIC NAME	REGION 5 INDICATOR	RATE (PLS lbs/acre)
GRASSES			
Western Wheatgrass	Agropyron smithii	FACU	3
Meadow Sedge	Carex granularis	FACW	1
Broom Sedge	Carex scoparia	FACW	1
River Oats	Chasmanthium latifolium	FAC	2
Barnyard Grass	Echinochloa crusgalli	FACW	2
Canadian Wild Rye	Elymus canadensis	FACU	3
Virginia Wild Rye	Elymus virginicus	FAC	3
Switchgrass	Panicum virgatum 'Kanlow'	FAC	½
Prairie Cordgrass	Spartina pectinata	FACW	3
Eastern Gamagrass	Tripsacum dactyloides	FAC	2

Seeding Mix 2 – (3:1 slope)

COMMON NAME	SCIENTIFIC NAME	REGION 5 INDICATOR	RATE (PLS lbs. or oz./acre)
GRASSES			
Western Wheatgrass	Agropyron smithii	FACU	3 (lb/acre)
Big Bluestem	Andropogon gerardii		2 (lb/acre)
Little Bluestem	Andropogon scoparius	FACU-	1 (lb/acre)
Sideoats grama	Bouteloua curtipendula		1 (lb/acre)
Canadian Wild Rye	Elymus canadensis	FACU	2(lbs/acre)
Virginia Wild Rye	Elymus virginicus	FAC	3 (lbs/acre)
Switchgrass	Panicum virgatum	FAC	½ (lb/acre)
Indiangrass	Sorghastrum nutans	FACU	2 (lbs/acre)
WILDFLOWERS			
Showy Partridge Pea	Cassia fasciculata	FACU	1.5 (lbs/acre)
Plains Coreopsis	Coreopsis tinctoria		2 (lbs/acre)
Purple Prairie Clover	Dalea purpurea		¼ (lb/acre)
	(Petalostemon purpureum)		
Illinois Bundle Flower	Desmanthus illinoensis	FACU	1.5 (lbs/acre)
Rough Blazing Star	Liatris aspera	FAC-	½ (lb/acre)
Mintleaf Beebalm	Monarda fistulosa	FACU-	¼ (lb/acre)
Black-eyed Susan	Rudbeckia hirta	FACU	¼ (lb/acre)
Stiff Goldenrod	Solidago rigida	FACU	¼ (lb/acre)
Common Ironweed	Vernonia fasciculata	FAC	¼ (lb/acre)

- Upon acceptance of final grade and shape by the Owner's Representative, the Contractor shall place the stockpiled topsoil and the area shall be raked free of all rocks and detritus. The Contractor shall mix and apply seed and inoculant, and lightly cover all seed and pack with a suitable implement.

- After the site (or portion of the site) is graded and accepted by the Owner's Representative, seed the area with the appropriate seeding mixture.

- Areas on the 5% benches shall be seeded with Seeding Mix 1.

- All other disturbed areas below the top of the graded slope shall be seeded with Seeding Mix 2.

- All remaining disturbed areas will be seeded with Fescue seeding mix.

- Permenant seeding shall be established on 100% of all disturbed areas. A vegetation density of at least 75% will be required prior to final acceptance. The Contractor, the City's Stormwater/Flood Control Supervisor and the City's Stormwater Engineer will walk through the project at least six weeks prior to the second and subsequent planting seasons to determine the areas that shall be overseeded, until final acceptance has been achieved.

-Hydraulic Mulching shall be used on all permanently seeded areas unless otherwise approved by the Engineer. If other methods are used, mulching shall be considered subsidiary to "Hydraulic Mulching". For temporary seeding, mulching shall be subsidiary to "Temporary Seeding".

STENCIL DETAILS:

- Paint "Dump No Waste, Drains To Stream" on top of junction box. Center text longitudinally and orient to be readable from the street. Offset bottom of text six inches from the front edge of the inlet top.

- Use white paint.

- Use "Stencil Ease" stencil with three inch letters, or approved equal.

SHEET NO.	TOTAL SHEETS
33	76

HNTB
7450 W 130th St., Suite 400
Overland Park, KS 66213
(913) 491-9333

CITY OF WICHITA, KANSAS

NO.	DATE	REVISIONS	BY	APP'D
4				
3				
2				
1				

GYPSUM CREEK BANK STABILIZATION
SEEDING & STENCIL DETAILS

APPROVED
DESIGNED
DESIGN CK.
QUANTITIES
QUAN.CK.
DETAILED
DETAIL CK.
TRACED
TRACE CK.

Plotted on:Wednesday November 26, 2008 10:30 AM Model:$$$$$$IP_MODEL$$$$$
By: amestdagh Plot Scale: 1.000002:1 Pen Table:fullsize.pen
Design Filename: J:\43244\CD\Detail\Seeding_Gen_Notes.dgn