

REQUIRED NATIVE MIX MAINTENANCE NATIVE SWALE MIX

The installing Contractor shall provide a three (3) year maintenance program as part of the installation contract for all native seed mixes. The installing contractor may subcontract the required maintenance program to a native plant community specialist contractor approved by the Landscape Architect and Owner.

This program shall include:

1. The Contractor shall be responsible for volunteer cattail control by way of picking with Roundup (Rodeo if in water) herbicide and/or burning for a period of three (3) years.
2. All areas specified for "Native Swale Mix" shall be subject to a three (3) year maintenance contract by the installing Contractor. This work may be subcontracted but the subcontractor must be approved by the Landscape Architect and Owner. The Contractor will be responsible for maintenance until Final Acceptance. This maintenance program shall consist of mowing, burning and selective herbicide control of invasive perennial weeds according to the schedule below.

Selective herbicide treatment of certain aggressive perennial weeds may be necessary during the 2nd & 3rd growing seasons if mowing and burning fail to control them. Such weeds include Canada Thistle, Horsenettle and Spotted Knopweed. Only careful contact application shall be performed. NO SPRAYING WILL BE ALLOWED. Control methods shall include:

- a. Direct hand application via "herbicide glove" to the individual plant consisting of a rubber herbicide glove with large absorbent cotton gloves over the rubber glove. A strong solution of Roundup or other appropriate herbicide shall be mixed in a small non spill squirt or spray bottle. As needed, use the bottle to carefully saturate the cotton gloves and then grab the leaves and stem of the unwanted perennial weed to apply the herbicide to that plant only. Take care not to touch or drip the herbicide on other adjacent plantings. Perform only on cool, non-windy days.
- b. Cut unwanted perennial weeds (esp. Canada Thistle) to the ground when they are one foot (1') or taller, but prior to flowering. The cut stumps should then be treated with undiluted Garlon-3 using a small plastic spray bottle set on "stream" rather than "spray" or "mist". The herbicide should be applied sparingly so that it just soaks the cut stem of the unwanted weed.

1st Growing Season

Mow up to three times (3X) to keep annual weed from going to seed and to avoid too much shade for young seedlings. Maintain between 6" & 12".

2nd Growing Season

Mow in spring to the ground and remove cuttings. Repeat mowing in late spring or early summer if weeds remain a problem. Target biennial weeds by mowing to six inches (6") when in bloom. Sweet Clover in particular must be mowed if present. Mowing in full bloom (mid-summer) will kill it. Native species shall be allowed to seed. Selective herbicide application of perennial weeds shall be performed in accordance with the provisions of Item No. 3 above.

NOTE: Burning should always be utilized in lieu of mowing when enough plant matter fuel is available to conduct a burn.

3rd Growing Season

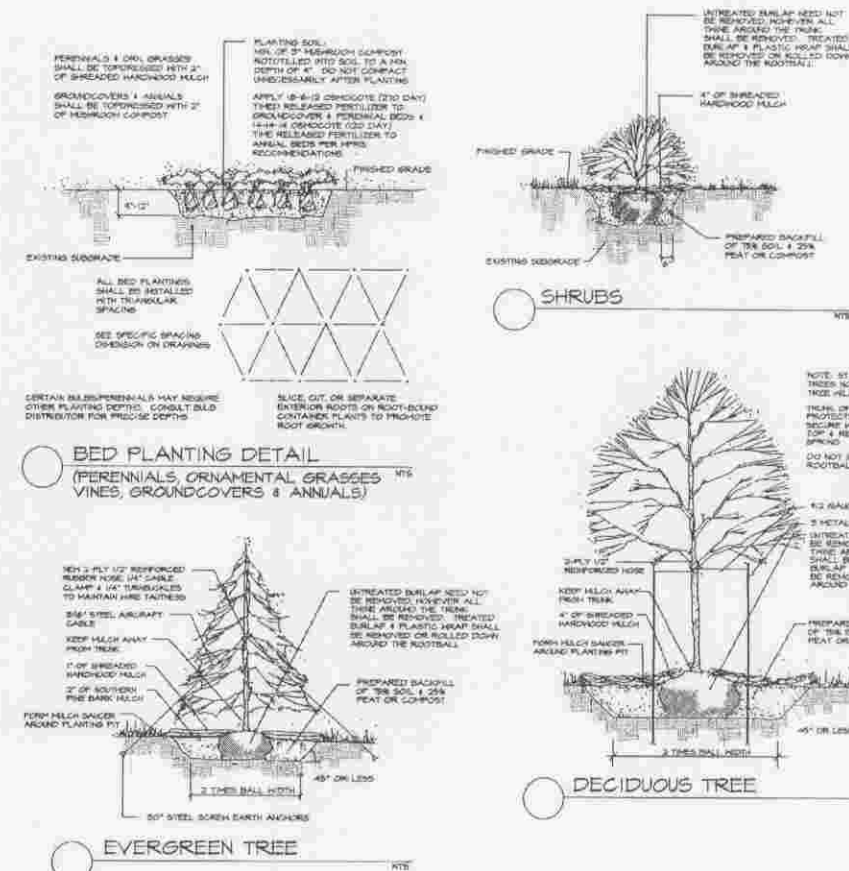
Burn (or mow if burning is not feasible/ allowed) between October 15 and May 1, with a mid spring burning being preferred, and continue other weed management practices as needed during the 3rd growing season. (NOTE: The Contractor shall be responsible for all required permits for all burning.)

NATIVE MIX ACCEPTANCE & GUARANTEE

NATIVE SWALE MIX

The Contractor shall be responsible for the satisfactory growth of permanent species of grasses, forbs, rushes, reeds and sedges on all areas seeded and/or planted under the Contract until final acceptance of the work. The Contractor shall provide an expert inspector (e.g. seed source vendor) to conduct an inspection of the native planting areas during the 1st and 2nd growing seasons and provide the Owner with a written assessment by January 31st of the following year of the establishment progress and any remedial action taken or proposed. A more detailed inspection shall be conducted at the end of the 3rd growing season for purposes of Final Acceptance. A written report of this inspection shall also be provided to the Owner by Jan. 31st of the following year. Acceptance of the work will be determined using a time meander search. The time meander search shall be conducted at the end of the third full growing season after seeding and/or plantings (not to exceed thirty-six (36) months). The search will sample 20 % of each plant community that was seeded and/or planted. If 75% of the permanent species seeded and/or planted are alive and apparent and the sample area has 50% ground cover of those permanent species, the work will be approved. If not accepted, the Contractor will reseed, to fulfill Contract responsibility, at no cost to the Owner.

None of the three (3) most dominant species may be nonnative or weedy species, including but not limited to, Reed Canarygrass, Teasel, Canada Thistle, Horsenettle, Spotted Knopweed, Purple Loosestrife, Sandbar Willow, Sweet Clover or Cattails, unless otherwise indicated on the approved planting plans.



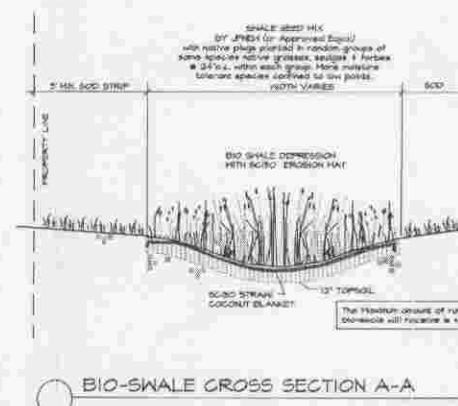
BOARD APPROVED

CASE NO. 2008-0691

DATE 11-3-08

W/CONDITIONS

W/O CONDITIONS



BIO SWALE PLUG LIST

BOTANICAL / COMMON NAME

- 50 *Colanagrostis canadensis* (Bluejoint Grass)
- 50 *Carex alpestris* (Aul-fruited Sedge)*
- 50 *Carex whipplei* (Fox Sedge)*
- 50 *Eupatorium maculatum* (Spotted Joe Pye)*
- 50 *Hibiscus palustris* (Swamp Rose Mallow)*
- 50 *Iris virginica* (Blue Flag)*
- 50 *Panicum virgatum* (Switchgrass)
- 50 *Penstemon digitalis* (Foxglove Penstemon)
- 50 *Rudbeckia hirta* (Yellow Coneflower)
- 50 *Rudbeckia fulgida* (Sweet Black-Eyed Susan)
- 50 *Silphium laciniatum* (Prairie Dock)
- 50 *Sorghastrum nutans* (Indian Grass)
- 50 *Spartina pectinata* (Prairie Cordgrass)*

*Note: Plant in lowest locations (swale centerline & surrounding inlets)

Plugs to be installed in like species groups of 10 plants minimum within the groups @ 24" o.c. spacing.

310' 8" Native Seed Mix Swale Seed Mix by J.Hess or approved equal with 50% Straw/Coconut Blanket by North American Green

CALL
JULIE
48 HOURS
BEFORE YOU DIG
1-800-892-0123
TOLL FREE
Operating 24 Hours
Every Day



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REVISIONS

1. PER REVISED ENGINEERING	3-28-07
2. PER REVISED ENGINEERING	6-13-07
3. PER REVISED ENGINEERING	
VILLAGE COMMENTS	8-9-07
4. PER REVISED ENGINEERING	
VILLAGE COMMENTS	9-20-07
5. PER REVISED ENGINEERING	
VILLAGE COMMENTS	9-10-07
6. TO FINAL PLAN	12-18-07
7. PER ENGINEERING COMMENTS	2-14-08
8. PER ENGINEERING UPDATE	5-27-08

PARK CORNERS II

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LANDSCAPE PLAN DETAILS/ NOTES

PROJECT NO.: L6302 JOB NO.: 6812A

DATE: 2-14-08

SCALE: AS NOTED

PLANNER: MT

DRAWN BY: MT

CHECKED: _____

SHEET

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