

BOARD APPROVED

Case No: 2008-0422

Date: 01-18-2010

W/Conditions: X

W/Out Conditions:

VILLAGE OF ORLAND PARK

Dry to Mesic Prairie Seed Mix

BOTANICAL NAME	COMMON NAME	LBS./ACRE
<i>Agrifolia alba polystachya</i>	Creeping Bent	0.50 lbs.
<i>Alum. nemum</i>	Nodding Onion	0.25 lbs.
<i>Andropogon scoparius</i>	Little Blue Stem	4.00 lbs.
<i>Anemone cylindrica</i>	Thimbleweed	0.0625 lbs.
<i>Aster laevis</i>	Smooth Blue Aster	0.008 lbs.
<i>Aster novae-angliae</i>	New England Aster	0.015 lbs.
<i>Asclepias tuberosa</i>	Butterflyweed	0.25 lbs.
<i>Avena sativa</i>	Seed oats	30.00 lbs.
<i>Baptisia leucantha</i>	White Wild Indigo	0.039 lbs.
<i>Bouteloua curtipendula</i>	Spike Oats Grass	4.000 lbs.
<i>Corex vulpinoidea</i>	Common Brown Fox Sedge	0.375 lbs.
<i>Cassia fasciculata</i>	Pole Purple Cattleflower	0.015 lbs.
<i>Ceanothus americanus</i>	Virginia Wildberry	0.50 lbs.
<i>Corynephorus palmatus</i>	Rattlesnake Master	0.125 lbs.
<i>Echinacea pallida</i>	White Wild Indigo	0.25 lbs.
<i>Eryngium yuccifolium</i>	Shrubby Blue Star	0.094 lbs.
<i>Lepachodactylus capitatus</i>	Prairie Blazing Star	0.025 lbs.
<i>Lobelia spicata</i>	Prairie Blazing Star	0.025 lbs.
<i>Liatris pycnostachya</i>	Prairie Blazing Star	0.025 lbs.
<i>Monarda fistulosa</i>	Prairie Bergamot	0.025 lbs.
<i>Parthenium integrifolium</i>	Wild Quinine	0.0125 lbs.
<i>Pentstemon digitalis</i>	Beardtongue	0.0625 lbs.
<i>Petalostemum candidum</i>	White Prairie Clover	0.0625 lbs.
<i>Petalostemum purpureum</i>	Purple Prairie Clover	0.25 lbs.
<i>Ratibida pinnata</i>	Yellow Coneflower	0.50 lbs.
<i>Rudbeckia hirta</i>	Black-eyed Susan	0.125 lbs.
<i>Scirpus atrovirens</i>	Dark Green Rush	0.0625 lbs.
<i>Silphium laciniatum</i>	Compass Plant	0.125 lbs.
<i>Silphium terebinthaceum</i>	Prairie Dock	0.0625 lbs.
<i>Solidago rigida</i>	Stiff Goldenrod	0.125 lbs.
<i>Verbena stricta</i>	Honey Verbena	0.0625 lbs.
<i>Vernonia fasciculata</i>	Common Ironweed	0.094 lbs.
<i>Zizia aurea</i>	Golden Alexander	0.25 lbs.

NOTE: SEED MIX WILL HAVE DRILL SEED APPLICATION.

* These (4) wet prairie species to be planted only in the moist to saturated zone on the lower 1'-2' of slope.

Emergent Seed Mix

BOTANICAL NAME	COMMON NAME	LBS./ACRE
<i>Acorus calamus</i>	Sweet Flag	0.250
<i>Alisma subcordatum</i>	Common Water Plantain	0.094
<i>Carex canosa</i>	Grass Sedge	0.375
<i>Cephalanthus occidentalis</i>	Butter Bush	0.125
<i>Echinochloa crusgalli</i>	Marsh Spike Rush	0.063
<i>Echinochloa sp.</i>	Spike Rush species	0.063
<i>Glyceria grandis</i>	Reed Manna Grass	0.031
<i>Hibiscus laevis</i>	Hardy Leafed Rose Mallow	0.063
<i>Iris virginica</i>	Blue Flag	0.250
<i>Juncus sp.</i>	Rush species	0.188
<i>Lernaea cynodactylus</i>	Rice Cut Grass	0.500
<i>Phalaris virginica</i>	Arrow Grass	1.000
<i>Polygonum sp.</i>	Smart Weed species	0.500
<i>Pontederica cordata</i>	Pickering Weed	0.063
<i>Sagittaria latifolia</i>	Common Arrowhead	0.500
<i>Scirpus acutus</i>	Hard-STEMMED Bulrush	0.063
<i>Scirpus fluviatilis</i>	River Bulrush	0.125
<i>Scirpus pungens</i>	Chairmaker's Rush	0.125
<i>Scirpus validus</i>	Great Bulrush	0.250
<i>Spergularia vaginaria</i>	Common Bur Reed	1.000
<i>Suaeda pectinata</i>	Prairie Cord Grass	0.375
Total		9.003

NOTE: SEED MIX WILL HAVE DRILL SEED APPLICATION.

Seeding Notes

Native Seed Mixes to have drill seed application.

Dry to Wet Prairie Seed areas shall be covered with erosion control blanket following seeding - See Detail and Civil engineering drawings.

Topsoil depth to be minimum 12" depth for native planting areas (Dry to Mesic Prairie Seed and Emergent Seed areas).

Seed supplied to the site shall be tagged with seed species, weights, and documentation of PLS testing must meet a minimum 75% PLS per species as verified by independent laboratory test results no more than one year old. For Prairie Cordgrass (Sporobolus pectinatus) test results shall be no more than six months old.

All native seed and plant materials shall be obtained from sources within 200 miles of the site to maintain local ecotypes.

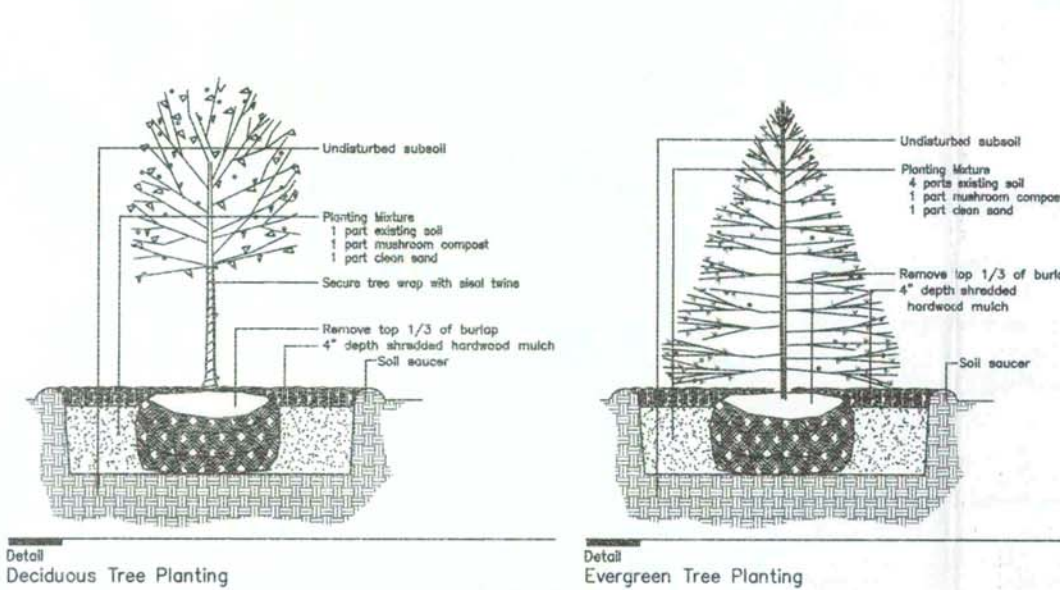
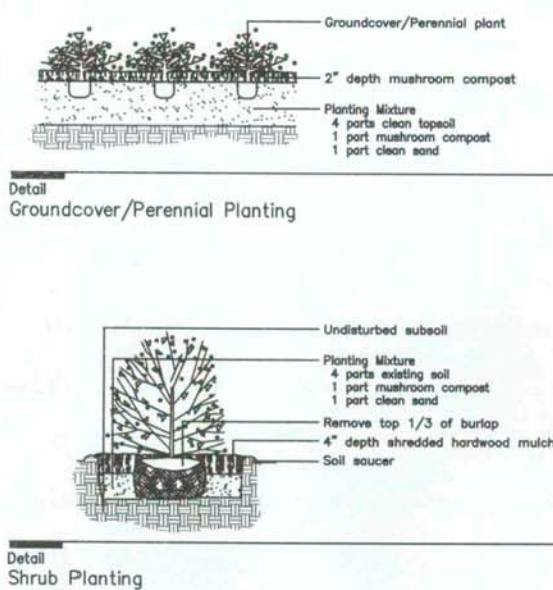
Fertilizer shall not be used in native planting areas unless specifically per the direction of a qualified native landscape installation and maintenance specialist.

The Contractor performing native plant installation shall have experience in the restoration, installation, and management of seed areas and a minimum of five years experience in the field. A supervisor is to be on-site at all times during landscape work for native planting areas that can identify non-native and native plants by genus and species.

RECEIVED
DEC - 2 2009

Scale 1" = 50'

KEY	QTY	SIZE	BOTANICAL NAME	COMMON NAME	REMARKS/SPACING
ABC	45	8"	<i>Abies concolor</i>	Concolor Fir	Natural Form
ACF	54	2.5"	<i>Acer x freemanii 'Autumn Blaze'</i>	Autumn Blaze Freeman Maple	Central Leader
ACD	12	6"	<i>Acer glabrum</i>	Flame Arrow Maple	Multi-Stem
ACR	21	2.5"	<i>Acer rubrum 'Red Sunset'</i>	Red Sunset Red Maple	Central Leader
AMC	6	6"	<i>Amelanchier canadensis</i>	Shadblow Serviceberry	Multi-Stem
ANS	46	1 gal.	<i>Andropogon scoparius</i>	Little Blue Stem	3' c.c.
ARA	33	2.5"	<i>Acer rubrum 'Armstrong'</i>	Armstrong Red Maple	Central Leader
ARB	46	18"	<i>Aronia arbutifolia 'Brilliantissima'</i>	Brilliant Red Chokeberry	2' c.c.
BGM	74	24"	<i>Chiocotyledon Green Bonwood</i>	Thornless Cockspur Hawthorn	Multi-Stem
CCI	14	6"	<i>Cornus sericea 'Heart'</i>	Prairie Spice Cornus	Central Leader
CCD	13	2.5"	<i>Celtis occidentalis 'Proline Pride'</i>	Moontone Cornopsis	2' c.c.
CMB	129	1 gal.	<i>Coloreopsis verticillata 'Moonbeam'</i>	Fetter Red Grass	3' c.c.
COA	372	6"	<i>Colomoglossa acutifolia 'Karl Foerster'</i>	Pagoda Dogwood	Multi-Stem
COT	85	24"	<i>Cotoneaster acutifolia 'Peking'</i>	Peking Cotoneaster	4' c.c.
CSI	96	18"	<i>Cornus alternifolia</i>	Asian Redleaf Dogwood	4' c.c.
EFC	2550	3"	<i>Euonymus fortunei var. coloratus</i>	Purpleleaf Wintercreeper	8' c.c.
FOR	60	24"	<i>Foraythia virens 'Bronze'</i>	Bronze Dwarf Forsythia	Central Leader
GB	32	2.5"	<i>Gleditsia triacanthos 'Inermis' 'Skyline'</i>	Skyline Thornless Honeylocust	Central Leader
GTS	66	2.5"	<i>Gleditsia triacanthos 'Inermis' 'Skyline'</i>	Skyline Thornless Honeylocust	Central Leader
HDP	420	1 gal.	<i>Hemerocallis 'Nagoya Return'</i>	Happy Returns Daylily	2' c.c.
HWC	294	1 gal.	<i>Hemerocallis 'Little Wine Cup'</i>	Little Wine Cup Daylily	2' c.c.
JCS	188	1 gal.	<i>Juniperus chinensis var. argentea</i>	Sargent Juniper	3' c.c.
JKC	364	24"	<i>Juniperus chinensis 'Kobold's Compact'</i>	Kobold's Compact Juniper	3' c.c.
MAJ	6	6"	<i>Malus 'David'</i>	David Crabapple	Multi-Stem
MLS	21	6"	<i>Malus argentea</i>	Sargent Crabapple	Multi-Stem
PC	66	8"	<i>Picea pungens</i>	Colorado Green Spruce	Natural Form
PSM	85	6"	<i>Quercus laevis</i>	Swamp White Oak	Natural Form
QUB	40	2.5"	<i>Quercus laevis</i>	Swamp White Oak	Natural Form
QR	35	2.5"	<i>Quercus rubra</i>	Red Oak	Central Leader
RM	58	14"	<i>Rhus glabra 'Green Mound'</i>	Green Mound Alpine Currant	Central Leader
RH	272	24"	<i>Rhus aromatica 'Gro-Low'</i>	Gro-Low Fragrant Sumac	4' c.c.
SMK	27	8"	<i>Syringa patula 'Miss Kim'</i>	Miss Kim Dwarf Lilac	4' c.c.
SFF	45	18"	<i>Spiraea x bumalda 'Fireball'</i>	Miss Kim Dwarf Lilac	4' c.c.
SFF	30	24"	<i>Spiraea x bumalda 'Fireball'</i>	Miss Kim Dwarf Lilac	4' c.c.



LANDSCAPE PLAN
RETAIL DEVELOPMENT
NEC 159th STREET AND WOLF ROAD
ORLAND PARK, ILLINOIS

Craig R. Knoche & Associates
Civil Engineers, P.C.
24 N. Bennett Street • Geneva, IL 60134 • phone (630) 845-1270 • fax (630) 845-1275

DATE: 3-04-09
FILE: 4041-c40
JOB NO: 4-041
SHEET NO: C4.1

REVISIONS		
NO.	DATE	DESCRIPTION
4	11.04.09	Per Village Review (PR) 10.30.09
3	09.29.09	
2	5-28-09	Per Village Review 5-21-09
1	4-20-09	PER VILLAGE REVIEW 4-03-09