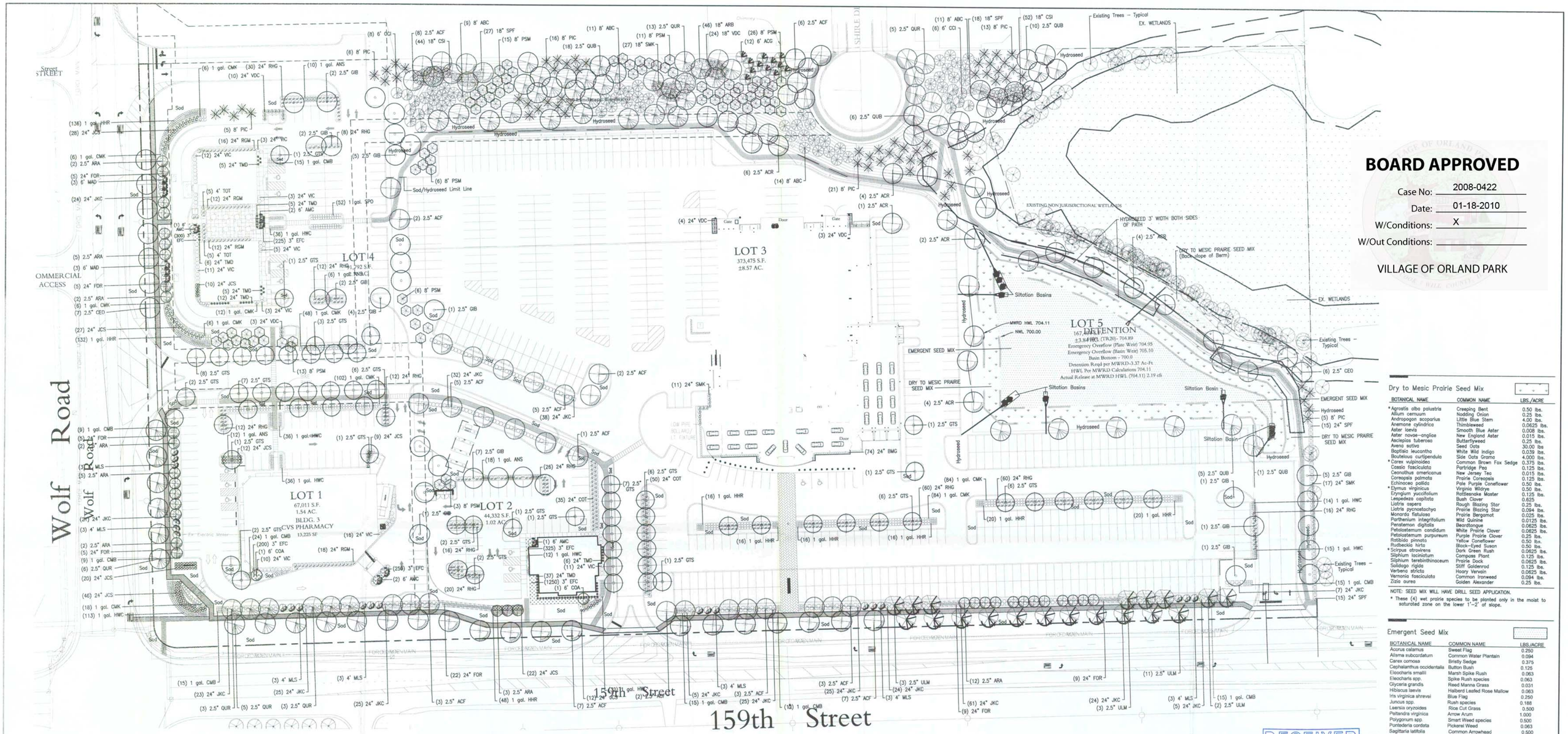


BOARD APPROVED

Case No: 2008-0422

Date: 01-18-2010

W/Conditions: X

W/Out Conditions:

VILLAGE OF ORLAND PARK

RECEIVED DEC - 2 2009

Dry to Mesic Prairie Seed Mix

BOTANICAL NAME	COMMON NAME	LBS./ACRE
* Agrostis alba palustris	Creeping Bent	0.50 lbs.
Allium cernuum	Nodding Onion	0.25 lbs.
Andropogon scoparius	Little Blue Stem	4.00 lbs.
Anemone cylindrica	Thimbleweed	0.0625 lbs.
Aster laevis	Smooth Blue Aster	0.008 lbs.
Aster novae–angliae	New England Aster	0.015 lbs.
Asclepias tuberosa	Butterflyweed	0.25 lbs.
Avena sativa	Seed Oats	30.00 lbs
Baptisia leucantha	White Wild Indigo	0.039 lbs.
Bouteloua curtipendula	Side Oats Grama	4.000 lbs.
* Carex vulpinoidea	Common Brown Fox Sedge	0.375 lbs.
Cassia fasciculata	Partridge Pea	0.125 lbs.
Ceanothus americanus	New Jersey Tea	0.015 lbs.
Coreopsis palmata	Prairie Coreopsis	0.125 lbs.
Echinacea pallida	Pale Purple Coneflower	0.50 lbs.
* Elymus virginicus	Virginia Wildrye	0.50 lbs.
Eryngium yuccifolium	Rattlesnake Master	0.125 lbs.
Lespedeza capitata	Bush Clover	0.625
Liatris aspera	Rough Blazing Star	0.25 lbs.
Liatris pycnostachya	Prairie Blazing Star	0.094 lbs.
Monarda fistulosa	Prairie Bergamot	0.025 lbs.
Parthenium integrifolium	Wild Quinine	0.0125 lbs.
Penstemon digitalis	Beardtongue	0.0625 lbs.
Petalostemum candidum	White Prairie Clover	0.0625 lbs.
Petalostemum purpureum	Purple Prairie Clover	0.25 lbs.
Ratibida pinnata	Yellow Coneflower	0.50 lbs.
Rudbeckia hirta	Black–Eyed Susan	0.50 lbs.
* Scirpus atrovirens	Dark Green Rush	0.0625 lbs.
Silphium laciniatum	Compass Plant	0.125 lbs.
Silphium terebinthinaceum	Prairie Dock	0.0625 lbs.
Solidago rigida	Stiff Goldenrod	0.125 lbs.
Verbena stricta	Hoary Vervain	0.0625 lbs.
Vernonia fasciculata	Common Ironweed	0.094 lbs.
Zizia aurea	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
Acorus calamus	Sweet Flag	0.250
Alisma subcordatum	Common Water Plantain	0.094
Carex comosa	Bristly Sedge	0.375
Cephalanthus occidentalis	Button Bush	0.125
Eleocharis smallii	Marsh Spike Rush	0.063
Eleocharis spp.	Spike Rush species	0.063
Glyceria grandis	Reed Manna Grass	0.031
Hibiscus laevis	Halberd Leafed Rose Mallow	0.063
Iris virginica shrevei	Blue Flag	0.250
Juncus spp.	Rush species	0.188
Leersia oryzoides	Rice Cut Grass	0.500
Peltandra virginica	Arrow Arum	1.000
Polygonum spp.	Smart Weed species	0.500
Pontederia cordata	Pickerel Weed	0.063
Sagittaria latifolia	Common Arrowhead	0.500
Scirpus acutus	Hard–Stemmed Bulrush	0.063
Scirpus fluviatilis	River Bulrush	0.125
Scirpus pungens	Chairmaker's Rush	0.125
Scirpus validus creber	Great Bulrush	0.250
Spargenium eurycarpum	Common Bur Reed	1.000
Spartina pectinata	Prairie Cord Grass	0.375
Total		9.003

NOTE: SEED MIX WILL HAVE DRILL SEED APPLICATION.

Plant List

KEY	QTY	SIZE	BOTANICAL NAME	COMMON NAME	REMARKS/SPACING
ABC	45	8'	Abies concolor	Concolor Fir	Natural Form
ACF	54	2.5"	Acer x freemonii 'Autumn Blaze'	Autumn Blaze Freeman Maple	Central Leader
ACG	12	6'	Acer ginnala 'Flame'	Flame Amur Maple	Multi–Stem
ACR	21	2.5"	Acer rubra 'Red Sunset'	Red Sunset Red Maple	Central Leader
AMC	6	6'	Amelanchier canadensis	Shadblow Serviceberry	Multi–Stem
ANS	46	1 gal.	Andropogon scoparius	Little Bluestem	3' o.c.
ARA	33	2.5"	Acer rubra 'Armstrong'	Armstrong Red Maple	Central Leader
ARB	46	18"	Aronia arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry	4' o.c.
BMG	74	24"	Buxus microphylla 'Glencoe'	Chicagoland Green Boxwood	2' o.c.
CCI	14	6'	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	Multi–Stem
CEO	13	2.5"	Celtis occidentalis 'Prairie Pride'	Prairie Pride Common Hackberry	Central Leader
CMB	129	1 gal.	Coreopsis verticillata 'Moonbeam'	Moonbeam Coreopsis	2' o.c.
CMK	372	1 gal.	Colamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	3' o.c.
COA	2	6'	Cornus alternifolia	Pagoda Dogwood	Multi–Stem
COT	85	24"	Cotoneaster acutifolia 'Peking'	Peking Cotoneaster	4' o.c.
CSI	96	18"	Cornus sericea 'Isanti'	Isanti Redosier Dogwood	4' o.c.
EFC	2550	3"	Euonymus fortunei var. coloratus	Purpleleaf Wintercreeper	8" o.c.
FOR	60	24"	Forsythia viridissima 'Bronxensis'	Bronx Dwarf Forsythia	4' o.c.
GIB	32	2.5"	Ginkgo biloba (MALE)	Ginkgo (MALE)	Central Leader
GTS	66	2.5"	Gleditsia triacanthos v. inermis 'Skyline'	Skyline Thornless Honeylocust	Central Leader
HHR	420	1 gal.	Hemerocallis 'Happy Returns'	Happy Returns Daylily	2' o.c.
HWC	294	1 gal.	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	2' o.c.
JCS	186	24"	Juniperus chinensis var. sargentii	Sargent Juniper	3' o.c.
JKC	364	24"	Juniperus chinensis 'Kallay's Compacta'	Kallay's Compact Juniper	4' o.c.
MAD	6	6'	Malus 'David'	David Crabapple	Multi–Stem
MLS	21	4'	Malus sargentii	Sargent Crabapple	Multi–Stem
PIC	66	8'	Picea pungens	Colorado Green Spruce	Natural Form
PSM	80	8'	Pseudotsuga menziesii	Douglasfir	Natural Form
QUB	40	2.5"	Quercus bicolor	Swamp White Oak	Central Leader
QUR	35	2.5"	Quercus rubra	Red Oak	Central Leader
RGM	58	24"	Ribes alpinum 'Green Mound'	Green Mound Alpine Currant	4' o.c.
RHG	272	24"	Rhus aromatica 'Gro–Low'	Gro–Low Fragrant Sumac	4' o.c.
SMK	27	18"	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	4' o.c.
SMK	28	24"	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	4' o.c.
SFF	45	18"	Spiraea x bumalda 'Froebelii'	Froebel Spirea	4' o.c.
SPF	30	24"	Spiraea x bumalda 'Froebelii'	Froebel Spirea	4' o.c.

KEY	QTY	SIZE	BOTANICAL NAME	COMMON NAME	REMARKS/SPACING
SPO	52	1 gal.	Sporobolus heterolepis	Prairie Dropseed	3' o.c.
TMD	76	24"	Taxus x media 'Densiformis'	Dense Yew	3' o.c.
TOT	10	4'	Thuja occidentalis 'Techny'	Mission Arborvitae	4' o.c.
VDC	24	18"	Viburnum dentatum 'Christom'	Blue Muffin Arrowwood Viburnum	4' o.c.
VDC	20	24"	Viburnum dentatum 'Christom'	Blue Muffin Arrowwood Viburnum	4' o.c.
VIC	74	24"	Viburnum carlesii	Koreanspice Viburnum	4' o.c.
ULM	19	2.5"	Ulmus x 'Morton'	Accolade Elm	Central Leader

Landscape Notes

Size and grading standards of plant materials shall conform to the latest edition of ANSI Z60.1, AMERICAN STANDARD FOR NURSERY STOCK, by the American Nursery & Landscape Association.

All plant materials shall be nursery grown stock and shall be free of any deformities, diseases or insect damage. Any materials with damaged or crooked/disfigured leaders, bark abrasions, sunscald, insect damage, etc. are not acceptable and will be rejected.

Trees not exhibiting a central (or single) leader will be rejected unless called out in the Plant Schedule as multi–stem.

Inspection and approval of all plant materials by the Landscape Architect is required prior to installation. Any materials installed without approval may be rejected.

The Village may reject any plant materials that are diseased, deformed, or otherwise not exhibiting superior quality requirements, including those described in the Plant Schedule.

The Contractor is responsible for providing and installing all materials shown on the Plan in accordance with plan design and materials quantities.

The Contractor is responsible for protecting underground utilities, sidewalks and other previously constructed site improvements.

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.

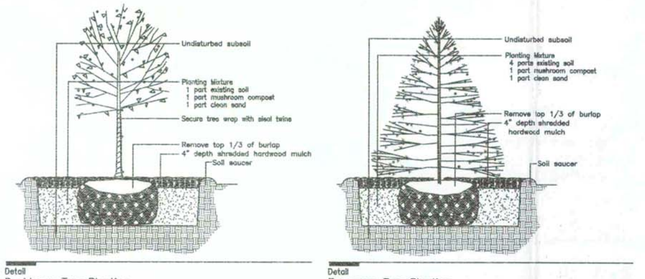
Topsoil depth to be minimum 12" depth for native planting areas (Dry to Mesic Prairie Seed and Emergent Seed areas).

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

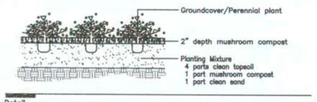
Fertilizer shall not be used in native planting areas unless specifically per the direction of a qualified native landscape installation and maintenance specialist.

The Contractor performing native plant installation shall have experience in the restoration, installation, and management of said 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.

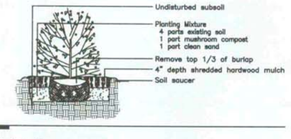


Detail
Deciduous Tree Planting

Detail
Evergreen Tree Planting



Detail
Groundcover/Perennial Planting



Detail
Shrub Planting

Scale 1"=50'

0 10 20 30 40 50 75 100 150 200

REVISIONS

NO.	DATE	DESCRIPTION
4	11.04.09	Per Village Review (PRI) 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

NO.	DATE	DESCRIPTION

LANDSCAPE PLAN

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

Craig R. Knoche & Associates
Civil Engineers, P.C.
• Civil Engineers • Surveyors • Land Planners
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

C4.1
SHEET NO.

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