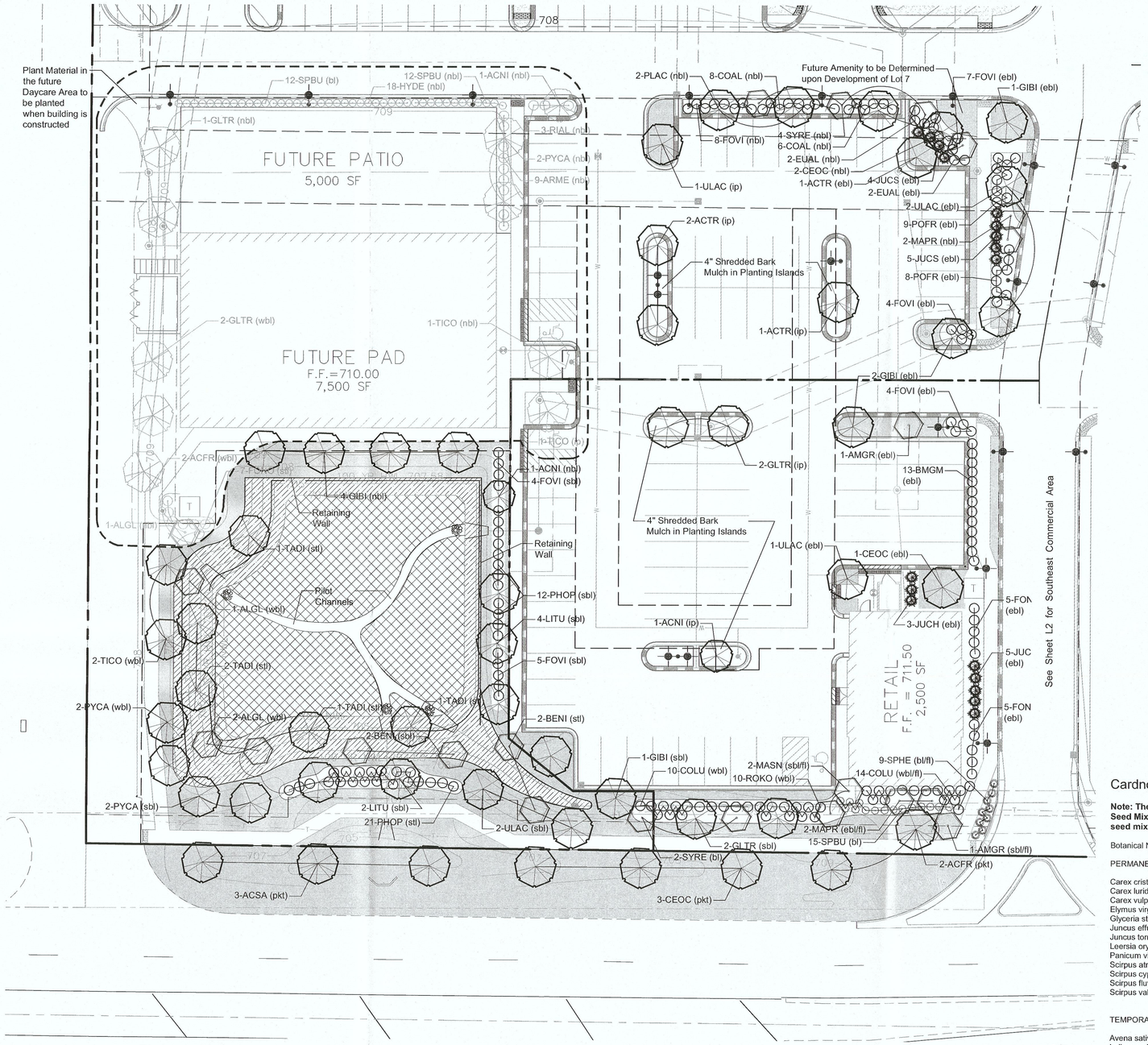

Plant List

Key	Quantity	Name COMMON/ Botanical	Size	Comments
Shade Trees				
ACFR	2	REDPOINTE MAPLE/ Acer x fremanii V. rubrum	2.5" BB	
ACNI	2	GREENCOLUMN BLACK MAPLE/ Acer nigrum 'Greencolumn'	2.5" BB	
ACTR	4	PACIFIC SUNSET MAPLE/ Acer truncatum 'Pacific Sunset'	2.5" BB	
ACSA	3	GREEN MOUNTAIN SUGAR MAPLE/ Acer saccharum 'Green Mountain'	2.5" BB	
CEOC	6	COMMON HACKBERRY/ Celtis occidentalis	2.5" BB	
GIBI	8	PRINCETON SENTRY GINKGO/ Ginkgo biloba 'Princeton Sentry'	2.5" BB	Male Only
GLTR	4	THORNLESS HONEYLOCUST/ Gleditsia tricanthos	2.5" BB	
LITU	6	TULIP TREE/ Liriodendron tulipifera	2.5" BB	
PLAC	2	EXCLAMATION LONDON PLANETREE/ Platanus x acerifolia 'Morton Circle'	2.5" BB	
PYCA	4	ARISTOCRAT PEAR/ Pyrus calleryana 'Aristocrat'	2.5" BB	
QUBI	4	SWAMP WHITE OAK/ Quercus bicolor	2.5" BB	
TICO	2	GREENSPIRE LITTLELEAF LINDEN/ Tilia cordata 'Greenspire'	2.5" BB	
ULAC	5	HOMESTEAD ELM/ Ulmus 'Homestead'	2.5" BB	
Ornamental Trees				
ALGL	4	BLACK ALDER/ Alnus glutinosa	5' BB	
AMGR	2	AUTUMN BRILLIANCE SERVICEBERRY/ Amelanchier grandiflora 'Autumn Brilliance'	5' BB	
BENI	4	RIVER BIRCH/ Betula nigra	5' BB	
MAPR	4	PRAIRIEFIRE CRABAPPLE/ Malus 'Prairiefire'	5' BB	
MASN	2	SPRING SNOW CRABAPPLE/ Malus 'Spring Snow'	5' BB	
SYRE	6	JAPANESE TREE LILAC/ Syringa reticulate	5' BB	
Shrubs				
EUAL	4	DWARF BURNING BUSH/ Euonymus alatus 'Compactus'	3'	Planted 4'-0" on center
COAL	14	COMPACT REDOISER DOGWOOD/ Cornus alba	3'	Planted 4'-0" on center
COLU	24	PEKING COTONEASTER/ Cotoneaster acutifolia 'Peking'	3'	Planted 4'-0" on center
FONO	10	NORTHERN GOLD FORSYTHIA/ Forsythia 'Northern Gold'	3'	Planted 4'-0" on center
FOVI	24	BRONXENSIS FORSYTHIA/ Forsythia viridissima 'Bronxensis'	2'	Planted 3'-0" on center
PHOP	33	SUMMER WINE NINEBARK/ Physocarpus opulifolius 'Summer Wine'	3'	Planted 4'-0" on center
POFR	17	GOLDFINGER POTENTILLA/ Potentilla fructosa 'Goldfinger'	3'	Planted 4'-0" on center
ROKO	10	KNOCK OUT ROSE/ Rosa 'Knock Out'	3'	Planted 4'-0" on center
SPBU	15	ANTHONY WATERER SPIREA/ Spiraea x bumalda	3'	Planted 3'-0" on center
Evergreen Shrubs				
BMGM	13	GREEN MOUNTAIN BOXWOOD/ Buxus microphylla x. B. sempervirens	3'	Planted 3'-0" on center
JUCH	10	SEA GREEN JUNIPER/ Juniperus chinensis 'Sea Green'	3'	Planted 3'-0" on center
JUCS	9	GREEN SARGENT JUNIPER/ Juniperus chinensis sargentii	24"	Planted 3'-0" on center
Perennials / Groundcovers			6" BB	Planted 4'-0" on center
SPHE	9	PRAIRIE DROPSEED/ Sporoibulus heterolepis	#1 Container	Planted 2'-0" on center

Cardno Economy Prairie Seed Mix
Note: Increase in density of seed mix

Cardno Stormwater Seed Mix
Note: Increase in density of seed mix

Turf Areas

4" Shredded Bark Mulch Provided in Planting Beds

BOARD APPROVED

Case No: 2017-0491
Date: 07/17/2017
W/Conditions: ____
W/Out Conditions: X

VILLAGE OF ORLAND PARK

LEGEND

(pkt) Parkway Trees
(nbl) North Buffer Landscaping
(ebl) East Buffer Landscaping
(sbl) South Buffer Landscaping
(wbl) West Buffer Landscaping
(fl) Foundation Landscaping
(ip) Interior Parking Lot Landscaping
(stl) Stormwater Management Landscaping

Cardno Stormwater Seed Mix

Note: The seed mix is a modified seed mix from the standard Stormwater Seed Mix. When ordering seed please inform Cardno that this is a modified seed mix.

Botanical Name	Common Name	Oz./Acre
PERMANENT GRASSES/SEDGES/RUSHES		
Carex cristatella	Crested Oval Sedge	3.69
Carex lurida	Bottlebrush Sedge	7.38
Carex vulpinoidea	Brown Fox Sedge	22.13
Elymus virginicus	Virginia Wild Rye	44.27
Glyceria striata	Fowl Manna Grass	4.61
Juncus effuses	Common Rush	3.69
Juncus torreyi	Torrey's Rush	0.92
Leersia oryzoides	Rice Cit Grass	3.69
Panicum virgatum	Switch Grass	29.51
Scirpus atrovirens	Dark Green Rush	3.69
Scirpus cyperinus	Wool Grass	1.84
Scirpus fluviatilis	River Bulrush	0.92
Scirpus validus	Great Bulrush	22.13
		148.47
TEMPORARY COVER		
Avena sativa	Common Oat	360.00
Lolium multiflorum	Annual Rye	100.00
		460.00
FORBS		
Alisma spp.	Water Plaintain Mix	15.65
Asclepias incarnate	Swamp Milkweed	5.52
Bidens spp.	Bidens Mix	7.37
Helenium autumnale	Sneezeweed	7.37
Lycopus americanus	Common Water Horehound	0.92
Mimulus ringens	Monkey Flower	3.68
Penthorum sedoides	Ditch Stonecrop	1.84
Polygonum penylvanicum	Pinkweed	14.73
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	3.68
Sagittaria latifolia	Common Arrowhead	3.68
Senna hebecarpa	Wild Senna	3.68
Thalictrum dasycarpum	Purple Meadow Rue	7.37
		75.49

Apply at 42.75 pounds per acre

Cardno Economy Prairie Seed Mix

Note: The seed mix is a modified seed mix from the standard Economy Prairie Seed Mix. When ordering seed please inform Cardno that this is a modified seed mix.

Botanical Name	Common Name	Oz./Acre
PERMANENT GRASSES/SEDGES		
Andropogon gerardii	Big Bluestem	26.46
Bouteloua curtipendula	Side-Oats Grama	29.77
Carex spp.	Prairie Sedge Mix	1.65
Elymus Canadensis	Canada Wild Rye	26.46
Panicum virgatum	Switch Grass	4.14
Schizachyrium scoparium	Little Bluestem	39.70
Sorghastrum nutans	Indian Grass	29.77
		157.95
TEMPORARY COVER		
Avena sativa	Common Oat	360.00
Lolium multifloum	Annual Rye	100.00
		460.00
FORBS		
Asclepias syriaca	Common Milkweed	0.83
Asclepias tuberose	Butterfly Weed	1.65
Aster laevis	Smooth Blue Aster	0.41
Aster novae-angliae	New England Aster	1.24
Chamaecrista fasciculate	Partridge Pea	19.82
Coreopsis lanceolata	Sand Coreopsis	8.26
Echinacea purpurea	Broad-leaved Purple Coneflower	12.39
Heliopsis helianthoides	False Sunflower	0.41
Lupinus perennis	Wild Lupine	0.83
Monarda fistulosa	Wild Bergamot	0.41
Pycnanthemum virginianum	Common Mountain Mint	0.83
Ratibida pinnata	Yellow Coneflower	3.78
Rudbeckia hirta	Black-Eyed Susan	13.22
		66.08

Apply at 42.75 PLS (Pure Live Seed) pounds per acre.

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

Preliminary Landscape Plan

Scale: 1" = 20'-0"

NORTH

Village of Orland Park Landscape Requirements

Parkway Trees - 1 per 40 linear feet
312.6 linear feet of frontage
312.6 / 40 = (7.8) = 8 Parkway Trees

Bufferyard Requirements:

Arterial Road Buffer - South - 330.8 linear feet
Non-Residential adjacent to Aerterial Road Buffer
330.9 / 100 = 3.31 x 4.0 = (13.24) 13 Canopy Trees
3.31 x 2.0 = (6.62) 7 Understory Trees
13 Canopy Trees and 7 Understory Trees Provided on Plan

North Buffer - 344.8 linear feet
Non-Residential adjacent to Residential - Type 2 Buffer
4 Canopy Trees, 2 Understory Trees, and 18 Shrubs per 100'
344.8 / 100 = 3.4 x 4 = (13.6) 14 Canopy Trees
3.4 x 2 = (6.8) 7 Understory / Evergreen Trees
3.4 x 18 = (61.2) 61 Shrubs
14 Canopy Trees, 7 Understory Trees, and 61 Shrubs Provided on Plan

East Buffer - 277.3 linear feet
Non-Residential adjacent to Non-Residential - Type 1 Buffer
3 Canopy Trees, 1 Understory / Evergreen Tree, and 16 Shrubs per 100'
277.3 / 100 = 2.8 x 3 = (8.4) 8 Canopy Trees
2.8 x 1 = (2.8) 3 Understory / Evergreen Trees
2.8 x 16 = (44.8) 45 Shrubs
8 Canopy Trees, 3 Understory Trees, and 45 Shrubs Provided on Plan

West Buffer - 272.6 linear feet
Non-Residential adjacent to Non-Residential - Type 1 Buffer
3 Canopy Trees, 1 Understory / Evergreen Tree, and 16 Shrubs per 100'
272.6 / 100 = 2.7 x 3 = (8.1) = 8 Canopy Trees
2.7 x 1 = (2.7) = 3 Understory / Evergreen Trees
2.7 x 16 = (43.2) = 43 Shrubs
8 Canopy Trees, 3 Understory Trees, and 43 Shrubs Provided on Plan

Parking Lot Perimeter Landscaping
Continuous row of 3' tall shrubs provided along perimeter of Parking Lot.

Interior Parking Lot Landscaping
1 Tree per 10 Parking Spaces
77 Parking Spaces / 10 = (7.7) = 8 Canopy Trees
8 Canopy Trees Provided on Plan

Foundation Landscaping
100% Foundation Landscaping (at min. 10' on average in width) fronting roadways

Stormwater Management Area Landscaping - 472.5 linear feet
1 Canopy tree per 100', 1 Understory tree per 200', and 6 Shrubs per 100'
472.5 / 100 = 4.7 x 1 = (4.7) 5 Canopy Trees
4.7 x 0.5 = (2.35) 2 Understory Trees
4.7 x 6 = (28.2) 28 Shrubs
5 Canopy Trees, 2 Understory Trees, and 28 Shrubs Provided on Plan

DATE	REVISIONS	DRAWN BY
5-24-17	REVISED PER VILLAGE COMMENTS	JBD
5-5-17	REVISED PER VILLAGE COMMENTS	JBD
4-28-17	REVISED PER VILLAGE COMMENTS	JBD
3-31-17	REVISED PER STORMWATER MANAGEMENT AREA.	JBD

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7420 W. 159TH STREEET COMMERCIAL DEVELOPMENT - LOT 2
VILLAGE OF ORLAND PARK, ILLINOIS
LANDSCAPE PLAN

PROJ. MGR.: JC
PROJ. ASSOC.: GMC1
DRAWN BY: JBD
DATE: 9-19-16
SCALE: 1"=20'

SHEET L1 OF L1

DST.OPIL.01

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May 15, 2017 - 13:08 Dwg Name: P:\Dataja\011\dwg\Landplan\Preliminary\DST.OPIL01 - PRELIMINARY LA PLAN 5-5-17.dwg Updated By: kenthurf