



- LANDSCAPE NOTES:**
- PLANT QUANTITIES SHOWN IN THE PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUALITIES.
 - ALL PLANT MATERIALS SHALL BE NURSERY-GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.
 - ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
 - ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, PROPER PLANTING BED AND TREE FIT PREPARATION, PLANTING MIX, PRUNING, STAKING AND GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
 - ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
 - THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL OUTLINE PROPER MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
 - ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 8' FROM THE TRUNK.
 - ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC. SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO INITIATION OF INSTALLATION PROCEDURES.
 - ANY AREAS TO BE LOAMED AND SEEDING WHICH HAVE NOT BEEN DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 1"-2" OF LOAM OVER SCARIFIED EXISTING SOILS. CARE SHOULD BE GIVEN TO NOT PLACE GREATER THAN 1" SOIL OVER EXPOSED ROOTS OF EXISTING TREES IN SUCH AREAS.
 - THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE AND UTILITY, PAVING, CURBING, ETC. WHICH IS DAMAGED DURING PLANTING OPERATIONS.
 - SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
 - REFER TO PLAN OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
 - REFER TO ARCHITECTURAL PLANS FOR BUILDING SIZES AND FOOTPRINTS.
 - REFER TO ENGINEERING PLANS FOR DETENTION CALCULATIONS, UTILITY LOCATIONS, TOPOGRAPHIC INFORMATION AND THE LIKE.
 - ALL PLANT MATERIAL ON THIS PLANTING PLAN REPRESENTS THE INTENTION AND INTENSITY OF THE PROPOSED LANDSCAPE MATERIAL. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DO TO MODIFICATIONS IN THE SITE IMPROVEMENTS AND THE AVAILABILITY OF PLANT MATERIAL AT THE TIME OF INSTALLATION. ANY SUCH CHANGES MUST FIRST BE APPROVED BY THE VILLAGE IN WRITING.
 - ALL PLANT MATERIAL SHALL BE PLANTED WITH A MINIMUM OF SIX INCHES OF ORGANIC SOIL AND MULCHED WITH A SHREDED BARK MATERIAL TO A MINIMUM 3" DEPTH.
 - ALL BEDS SHALL BE EDGED, HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE.
 - ALL LAWN AREAS ON THIS PLAN SHALL BE GRADED SMOOTH AND TOPPED WITH AT LEAST 4" OF TOPSOIL. ALL LAWN AREAS TO BE ESTABLISHED USING SOD UNLESS OTHERWISE NOTED.
 - THIS LANDSCAPE PLAN ASSUMES THE SITE WILL BE PREPARED WITH TOP SOIL SUITABLE FOR THE ESTABLISHMENT OF THE LANDSCAPE MATERIAL PRESENTED ON THIS PLAN. IF ADDITIONAL TOP SOIL IS REQUIRED IT IS UP TO THE LANDSCAPE CONTRACTOR ON THE PROJECT TO PROVIDE, SPREAD AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.
 - CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
 - ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKSMANSHIP.
 - LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
 - ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACK FILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED, AND HAVE ALL TAGS AND ROPES REMOVED.
 - ALL BEDS TO BE BERMED 12" TO 24" ABOVE GRADE AND MEET DRAINAGE REQUIREMENTS.
 - LAWN AND BED AREAS SHALL BE ROTOTILLED, RAKED OF CLUMPS AND DEBRIS.
 - ALL NATIVE PLANTING SEED AREAS TO BE COVER WITH NAG SC150 EROSION CONTROL BLANKET.
 - CONCENTRATE SENSITIVE NATIVE SEEDING, PRIMARILY THE FORBES, TO ELEVATION 729 AND ABOVE IN THE NATIVE SEEDING AREA AROUND THE DETENTION BASIN. CONCENTRATE THE NATIVE GRASSES, SEDGES AND RUSHES FROM ELEVATION 729 DOWN TO THE DETENTION BASIN BOTTOM.

PLANT SCHEDULE PHASE II

CANOPY TREES	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
ACE ALU2	ACER FREEMANTII / AUTUMN BLAZET / AUTUMN BLAZE MAPLE	B # B	2.5" CAL	3
ACE SUN	ACER RUBRUM 'RED SUNSET' / RED SUNSET MAPLE	B # B	2.5" CAL	3
CEL OCC	CELTIS OCCIDENTALIS / COMMON HACKBERRY	B # B	2.5" CAL	5
GLE SKY	CELTIS OCCIDENTALIS / COMMON HACKBERRY	B # B	4" CAL	5
POP HYB	POPULUS DELTOIDES / EASTERN COTTONWOOD	EXISTING	18" CAL	1
QUE BIC	QUERCUS BICOLOR / SWAMP WHITE OAK	EXISTING	20" CAL	7
TIL GRE	TILIA CORDATA 'GREENSPIRE' / GREENSPIRE LITTLELEAF LINDEN	B # B	2.5" CAL	5
EVERGREEN TREES	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
PIC CO2	PICEA PUNGENS 'COLORADO GREEN' / BLUE SPRUCE	B # B	12" HT.	6
PIC COL	PICEA PUNGENS 'COLORADO GREEN' / BLUE SPRUCE	B # B	6" - 8" HT.	8
PIN NIG	PINUS NIGRA / AUSTRIAN BLACK PINE	B # B	6" - 8" HT.	4
UNDERSTORY TREES	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
AME MUL	AMELANCHIER CANADENSIS / SHADDBLOW SERVICEBERRY MULTITRUNK	B # B	6" - 8" HT.	3
MAL PRA	MALUS X 'PRAIRIFIRE' / PRAIRIFIRE CRAB APPLE	B # B	6" - 8" HT.	3
DECIDUOUS SHRUBS	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
ARO ME2	ARONIA MELANOCARPA / CHOKEBERRY	B # B	36" HT.	10
COR ISA	CORNUS SERICEA 'ISANTI' / ISANTI REDOSIER DOGWOOD	B # B	36" HT.	10
COT ACU	COTONEASTER ACUTIFOLIUS / PEKING COTONEASTER	B # B	36" HT.	28
ILE WOO	ILEX VERTICILLATA 'WINTER RED' / WINTER RED HOLLY	B # B	36" HT.	10
RHU GRO	RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC	5 GAL	24" SPREAD	8
ROS FL4	ROSA X 'FLOWER CARPET PINK' / ROSE	5 GAL	24" SPREAD	8
SYR VUL	SYRINGA VULGARIS / COMMON LILAC	B # B	36" HT.	10
VIB LUS	VIBURNUM DENTATUM 'CHICAGO LUSTER' / CHICAGO LUSTER ARROWWOOD	B # B	36" HT.	35
EVERGREEN SHRUBS	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
JUN COM	JUNIPERUS CHINENSIS 'PFITZERIANA COMPACTA' / COMPACTA PFITZER	5 GAL	24" SPREAD	16
TAX DE4	TAXUS X MEDIA / DENSE YEW	B # B	24" HT.	11
THU SMA	THUJA OCCIDENTALIS 'SMARAGD' / EMERALD GREEN ARBORVITAE	B # B	36" HT.	16
THU WOO	THUJA OCCIDENTALIS 'WOODWARDII' / WOODWARD ARBORVITAE	B # B	36" HT.	13
GRASSES	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
CAL KAR	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' / FEATHER REED GRASS	1 GAL	2' - 3' HT.	8
PAN NOR	PANICUM VIRGATUM 'NORTH WIND' / NORTHWIND SWITCH GRASS	1 GAL	2' - 3' HT.	8

NATIVE AREA PLUG MIX

PLUG MIX	QTY	PERCENTAGE
NATIVE PLUG MIX	2,297 SF	
PANICUM VIRGATUM / SWITCH GRASS	197	33% @ 24" oc
SCIRPUS FLUVIATILIS / RIVER BULRUSH	80	33% @ 36" oc
SFARTINA PECTINATA / FRAIRIE CORDGRASS	197	33% @ 24" oc
TOTAL PLUGS:	482	

Stormwater Seed Mix	Common Name	PLS Quinces/Acres
Permanent Grasses/Sedges/Rushes:		
Carex cristata	Crested Oat Sedge	4
Carex frankii	Brome Grass Sedge	4
Carex lasiocarpa	Bluegrass Sedge	5
Carex saragossana v. cephalodes	Rough-Clustered Sedge	12
Carex vulpinoidea	Brown Fox Sedge	12
Eleocharis ovata	Blunt Spike Rush	4
Elymus virginicus	Virginia Wild Rye	32
Glyceria striata	Fowl Meadow Grass	4
Juncus effusus	Common Rush	4
Juncus torreyi	Torrey's Rush	2
Leersia oryzoides	Rice Cut Grass	4
Panicum virgatum	Switch Grass	6
Scirpus atrovirens	Dark Green Rush	2
Scirpus cyperinus	Wood Grass	2
Scirpus fluvialis	River Bulrush	2
Scirpus validus	Great Bulrush	18
	Total	110.00
Temporary Cover:		
Avena sativa	Common Oat	360.00
Lotium multiflorum	Annual Ryegrass	116.00
	Total	476.00
Forbs:		
Alyssa spp.	Water Plantain (Various Mix)	12
Asclepias incarnata	Swamp Milkweed	4
Bidens spp.	Bidens (Various Mix)	9
Heisteria autumnale	Monkshood	3
Mimulus ringens	Monkey Flower	3
Parthenocissus vitacea	Dark Spinecroot	3
Polypogon monspeliensis	Smooth Top	16
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	3
Sagittaria latifolia	Broad-Leaf Arrowhead	3
Senna tuberosa	Wild Senna	3
Thalictrum dasycarpum	Purple Meadow Rue	4
	Total	63.75

Low-profile Prairie Seed Mix

Botanical Name	Common Name	PLS Quinces/Acres
Permanent Grasses:		
Setoaria ciliata	Side Oats Grama	10.00
Carex app.	Prairie Carex Mix	4.00
Elymus canadensis	Canada Wild Rye	32.00
Holcus lanatus	June Grass	1.00
Panicum virgatum	Switch Grass	1.00
Schizachyrium scoparium	Little Bluestem	32.00
	Total	80.00
Temporary Cover:		
Avena sativa	Common Oat	360.00
Lotium multiflorum	Annual Ryegrass	100.00
	Total	460.00
Forbs:		
Anemone fridlandica	Thimbleweed	0.50
Asclepias tuberosa	Butterfly Milkweed	2.00
Aster ericoides	Heath Aster	0.25
Aster laevis	Smooth Blue Aster	0.75
Aster novae-angliae	New England Aster	0.25
Baptisia lactea	White Wild Indigo	2.00
Chamaecrista fasciculata	Partridge Pea	14.00
Conepisotera lanceolata	Saint Coreopsis	5.00
Conepisotera palmata	Prairie Coreopsis	1.00
Dalea candida	White Prairie Clover	1.50
Dalea purpurea	Purple Prairie Clover	1.50
Echinacea purpurea	Broad-Leaved Purple Coneflower	7.00
Eryngium yuccifolium	Rattlesnake Master	2.50
Lespedeza capitata	Round-Headed Bush Clover	2.00
Liatris aspera	Rough Blazing Star	1.00
Lupinus perennis	Wild Lupine	2.00
Moronea fistulosa	Wild Bergamot	1.00
Parthenocissus vitacea	Wild Quinine	1.00
Penstemon digitalis	Forgoyle Beard Tongue	0.50
Pycnanthemum virginicum	Common Mountain Mint	1.00
Ratibida pinnata	Yellow Coneflower	4.00
Rudbeckia hirta	Black-Eyed Susan	5.00
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	1.00
Silphium integrifolium	Rosin Weed	3.00
Silphium terebinthaceum	Prairie Dock	0.50
Solidago nemoralis	Old-Field Goldenrod	0.50
Solidago rigida	Stiff Goldenrod	1.00
Tridacenta ontariensis	Common Spiderwort	0.75
Veronica spp.	Ironweed (Various Mix)	1.75
Veronicastrum virginicum	Culvers Root	0.25
	Total	63.75

BOARD APPROVED

Case No: 2016-0583

Date: 10/03/2016

W/Conditions: _____

W/Out Conditions: X

VILLAGE OF ORLAND PARK

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MIDWEST ANIMAL HOSPITAL BUILDING EXPANSION PHASE II

Orland Park, Illinois

Reserved for Seal:

Expiration Date:

No.	Date	Description

DESIGN BY: SSG DATE: 07/13/16

APPROVED BY: SSG PROJECT NO.: 0000.00

SHEET TITLE: **LANDSCAPE PLAN**

SHEET NO.: **L-1**

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