



101

RAILING OPTION 1



101

RAILING OPTION 2



101

RAILING OPTION 2 WITH WINDOW GRILLES



RAILING OPTION 1



RAILING OPTION 2



RAILING OPTION 2 WITH WINDOW GRILLES









RAILING OPTION 1



RAILING OPTION 2



Turf Lawn



Wet-Mesic Prairie



Mesic Prairie

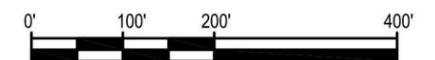


LEGEND

- PROPERTY BOUNDARY
- ▭ COMPACTED AGGREGATE PATH
- ▭ BOARDWALK
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- ▭ MESIC PRAIRIE SEED
- ▭ WET-MESIC PRAIRIE SEED
- ▭ TURF SEED
- ▭ ORNAMENTAL PLANTING BED
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- TREES - CANOPY
- TREES - EVERGREEN
- TREES - ORNAMENTAL



NORTH



SCALE: 1" = 200' PRINTED AT 11X17

EMERGENT SEED MIX (1.2 AC)

Scientific name	Common Name
Grasses and Sedges:	
<i>Andropogon gerardii</i>	Big bluestem
<i>Bromus ciliatus</i>	Fringed brome
<i>Calamagrostis canadensis</i>	Blue joint grass
<i>Carex comosa</i>	Bristly sedge
<i>Carex scoparia</i>	Pointed broom sedge
<i>Carex vulpinoidea</i>	Brown fox sedge
<i>Carex stipata</i>	Common fox sedge
<i>Elymus canadensis</i>	Canada wild rye
<i>Elymus virginicus</i>	Virginia wild rye
<i>Eleocharis obtusa</i>	Blunt spike rush
<i>Eleocharis erythropoda</i>	Red rooted spike rush
<i>Glyceria striata</i>	Fowl mana grass
<i>Juncus dudleyi</i>	Dudley's rush
<i>Juncus effusus</i>	Common Rush
<i>Juncus torreyi</i>	Torrey's rush
<i>Leersia oryzoides</i>	Rice cut grass
<i>Panicum virgatum</i>	Switch grass
<i>Scirpus atrovirens</i>	Dark green rush
<i>Scirpus cyperinus</i>	Wool grass
<i>Spartina pectinata</i>	Prairie cord grass
Forbs:	
<i>Alisma subcordatum</i>	Water plantain
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens cernua</i>	Swamp bur marigold
<i>Boltonia asteroides</i>	False aster
<i>Cacalia plantaginea</i>	Prairie Indian Plantain
<i>Coreopsis tripteris</i>	Tall coreopsis
<i>Eryngium yuccifolium</i>	Rattlesnake master
<i>Euthamia graminifolia</i>	Grass-leaved goldenrod
<i>Eutrochium maculatum</i>	Spotted Joe-Pye weed
<i>Eupatorium perfoliatum</i>	Common boneset
<i>Helenium autumnale</i>	Sneezeweed
<i>Liatis spicata</i>	Marsh blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Lycopus americanus</i>	Water horehound
<i>Lythrum alatum</i>	Winged loosestrife
<i>Mimulus ringens</i>	Monkey flower
<i>Mentha arvensis</i>	Wild mint
<i>Monarda fistulosa</i>	Wild bergamot
<i>Oligoneuron riddellii</i>	Riddell's goldenrod
<i>Penstemon digitalis</i>	Foxglove beard tongue
<i>Penthorum sedoides</i>	Ditch stonecrop
<i>Physostegia virginiana</i>	False dragonhead
<i>Pycnanthemum virginianum</i>	Common mountain mint
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan
<i>Senna hebecarpa</i>	Wild senna
<i>Symphotrichum lanceolatum</i>	Panicled aster
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Teucrium canadense</i>	Germander
<i>Verbena hastata</i>	Blue vervain
<i>Veronica fasciculata</i>	Common ironweed
<i>Veronicastrum virginiana</i>	Culver's root
<i>Zizia aurea</i>	Golden Alexanders

WET-MESIC PRAIRIE SEED MIX (2.1 AC)

Scientific name	Common Name
Grasses and Sedges:	
<i>Andropogon gerardii</i>	Big bluestem
<i>Bromus ciliatus</i>	Fringed brome
<i>Calamagrostis canadensis</i>	Blue joint grass
<i>Carex comosa</i>	Bristly sedge
<i>Carex scoparia</i>	Pointed broom sedge
<i>Carex vulpinoidea</i>	Brown fox sedge
<i>Carex stipata</i>	Common fox sedge
<i>Elymus canadensis</i>	Canada wild rye
<i>Elymus virginicus</i>	Virginia wild rye
<i>Eleocharis obtusa</i>	Blunt spike rush
<i>Eleocharis erythropoda</i>	Red rooted spike rush
<i>Glyceria striata</i>	Fowl mana grass
<i>Juncus dudleyi</i>	Dudley's rush
<i>Juncus effusus</i>	Common Rush
<i>Juncus torreyi</i>	Torrey's rush
<i>Leersia oryzoides</i>	Rice cut grass
<i>Panicum virgatum</i>	Switch grass
<i>Scirpus atrovirens</i>	Dark green rush
<i>Scirpus cyperinus</i>	Wool grass
<i>Spartina pectinata</i>	Prairie cord grass
Forbs:	
<i>Alisma subcordatum</i>	Water plantain
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens cernua</i>	Swamp bur marigold
<i>Boltonia asteroides</i>	False aster
<i>Cacalia plantaginea</i>	Prairie Indian Plantain
<i>Coreopsis tripteris</i>	Tall coreopsis
<i>Eryngium yuccifolium</i>	Rattlesnake master
<i>Euthamia graminifolia</i>	Grass-leaved goldenrod
<i>Eutrochium maculatum</i>	Spotted Joe-Pye weed
<i>Eupatorium perfoliatum</i>	Common boneset
<i>Helenium autumnale</i>	Sneezeweed
<i>Liatis spicata</i>	Marsh blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Lycopus americanus</i>	Water horehound
<i>Lythrum alatum</i>	Winged loosestrife
<i>Mimulus ringens</i>	Monkey flower
<i>Mentha arvensis</i>	Wild mint
<i>Monarda fistulosa</i>	Wild bergamot
<i>Oligoneuron riddellii</i>	Riddell's goldenrod
<i>Penstemon digitalis</i>	Foxglove beard tongue
<i>Penthorum sedoides</i>	Ditch stonecrop
<i>Physostegia virginiana</i>	False dragonhead
<i>Pycnanthemum virginianum</i>	Common mountain mint
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan
<i>Senna hebecarpa</i>	Wild senna
<i>Symphotrichum lanceolatum</i>	Panicled aster
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Teucrium canadense</i>	Germander
<i>Verbena hastata</i>	Blue vervain
<i>Veronica fasciculata</i>	Common ironweed
<i>Veronicastrum virginiana</i>	Culver's root
<i>Zizia aurea</i>	Golden Alexanders

MESIC PRAIRIE SEED MIX (4.85 AC)

Scientific name	Common Name
Grasses & Sedges:	
<i>Bouteloua curtipendula</i>	Side oats grama
<i>Carex bicknellii</i>	Copper shouldered sedge
<i>Panicum virgatum</i>	Switch grass
<i>Schizachyrium scoparium</i>	Little bluestem
Total Grasses	
Forbs:	
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Asclepias tuberosa</i>	Butterfly weed
<i>Coreopsis palmata</i>	Stiff coreopsis
<i>Echinacea pallida</i>	Pale purple coneflower
<i>Eryngium yuccifolium</i>	Rattlesnake master
<i>Liatis pycnostachya</i>	Prairie blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Monarda fistulosa</i>	Wild bergamot
<i>Oligoneuron riddellii</i>	Riddell's goldenrod
<i>Penstemon digitalis</i>	Foxglove beard tongue
<i>Petalostemum purpurea</i>	Purple prairie clover
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Tradescantia ohimensis</i>	Spiderwort
Total Forbs	
Total All Species	
Temporary Cover Crop:	
<i>Elymus canadensis</i>	Canada wild rye
<i>Avena sativa</i>	Common oats

LAWN BLEND (4.03 AC)

Scientific name	Common Name
Grasses:	
<i>Festuca rubra commutata</i>	Chewings Fescue
<i>Festuca rubra</i>	Creeping Red Fescue
<i>Festuca ovina</i>	Hard Fescue
<i>Festuca glauca</i>	Blue Fescue

Symbol	QTY	SYM	Scientific Name	Common Name	Approx. Mature Size (in feet)			
☉	120	CANOPY TREES			Height	Spread		
		ACS	<i>Acer saccharum</i>	Sugar Maple	40-80	30-60		
		CAO	<i>Carya ovata</i>	Shagbark Hickory	70-90	50-70		
		QAL	<i>Quercus alba</i>	White Oak	50-80	50-80		
		QBI	<i>Quercus bicolor</i>	Swamp White Oak	50-60	50-60		
		QRU	<i>Quercus rubra</i>	Red Oak	50-75	50-75		
		ACR	<i>Acer rubrum</i>	Red Maple	40-70	30-50		
		CEO	<i>Celtis occidentalis</i>	Common Hackberry	40-60	40-60		
		GYD	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	60-80	40-55		
		PLO	<i>Platanus occidentalis</i>	American Sycamore	75-100	75-100		
		TIL	<i>Tilia americana</i>	American Linden	50-80	30-50		
		ULM	<i>Ulmus 'Morton'</i>	Accolade Elm	70'	40'-50'		
UAJ	<i>Ulmus americana 'Jefferson'</i>	Jefferson Elm	70'	50'				
☽	89	ORNAMENTAL TREES			Height	Spread		
		BEN	<i>Betula nigra</i>	River Birch	40-70	40-60		
		BEP	<i>Betula papyrifera</i>	Paper Birch	50-70	25-50		
		AML	<i>Amelanchier laevis</i>	Allegheny Serviceberry	15-40	15-40		
		CRC	<i>Carpinus caroliniana</i>	American Hornbeam	20-35	20-35		
		CEC	<i>Cercis canadensis</i>	Eastern Redbud	20-30	25-35		
		COA	<i>Cornus alternifolia</i>	Pagoda Dogwood	15-25	20-35		
		CCG	<i>Crataegus crus-galli</i>	Thornless Cockspur Hawthorn	25-35	25-35		
		CTP	<i>Crataegus punctata</i>	Dotted Hawthorn	20-30	20-40		
		OYV	<i>Ostrya virginiana</i>	Hophornbeam	25-40	20-30		
		☼	195	EVERGREEN TREES			Height	Spread
				PCG	<i>Picea glauca</i>	White Spruce	40-60	10-20
PIR	<i>Pinus resinosa</i>			Red Pine	50-80	20-25		
PIN	<i>Pinus strobus</i>			Eastern White Pine	50-80	20-40		
THO	<i>Thuja occidentalis</i>			American Arborvitae	40-60	10-15		
JUV	<i>Juniperus virginiana</i>			Eastern Red Cedar	30-65	8-25		
PGD	<i>Picea glauca 'Densata'</i>			Black Hills Spruce	20-40	10-15		
THF	<i>Thuja occidentalis 'Fastigiata'</i>			Pyramidal Arborvitae	10-15	3-5		
TOT	<i>Thuja occidentalis 'Techny'</i>			Techny Arborvitae	15-20	5-10		

Symbol	QTY	SYM	Scientific Name	Common Name	Approx. Mature Size (in feet)	
☉	479	DECIDUOUS SHRUBS			Height	Spread
		COR	<i>Cornus racemosa</i>	Gray Dogwood	10-15	10-15
		HMV	<i>Hamamelis virginiana</i>	Common Witchhazel	15-20	15-20
		PHO	<i>Physocarpus opulifolius</i>	Eastern Ninebark	5-10	5-10
		RHG	<i>Rhus glabra</i>	Smooth Sumac	9-15	9-15
		STT	<i>Staphylea trifolia</i>	American Bladdernut	10-15	10-15
		VBL	<i>Viburnum lentago</i>	Nannyberry Viburnum	14-16	6-12
		VBP	<i>Viburnum prunifolium</i>	Blackhaw Viburnum	12-15	6-12
		CPO	<i>Cephalanthus occidentalis</i>	Buttonbush	5-12	4-8
		CYA	<i>Corylus americana</i>	American Hazelnut	10-16	8-13
		IXV	<i>Ilex verticillata</i>	Winterberry	3-12	3-12
		RAS	<i>Rosa setigera</i>	Prairie Rose	6-12	8-10
		SMC	<i>Sambucus canadensis</i>	Elderberry	8-10	8-10
		VBC	<i>Viburnum cassinoides</i>	Witherod Viburnum	5-6	5-6
		AMS	<i>Amelanchier stolonifera</i>	Running Serviceberry	4-5	4-5
AAM	<i>Aronia melanocarpa</i>	Black Chokeberry	3-6	3-6		
HYK	<i>Hypericum kalmianum</i>	Kalm's St. Johnswort	2-3	2-3		
POF	<i>Potentilla fruticosa</i>	Bush Cinquefoil	2-4	2-4		
RHA	<i>Rhus aromatica</i>	Fragrant Sumac	3-8	6-8		
RGL	<i>Rhus aromatica 'Gro-Low'</i>	Grow Low Sumac	1.5-2	6-8		
☉	120	EVERGREEN SHRUBS			Height	Spread
		JCD	<i>Juniperus communis depressa</i>	Oldfield Common Juniper	3-4	8-10
☉	524	ORNAMENTAL GRASSES			Height	Spread
JHW		<i>Juniperus horizontalis 'Wisconsin'</i>	Wisconsin Creeping Juniper	0.5-1	5-8	
☼	15,000	PERENNIALS (2' On Center, Typ.)			Height	Spread
		BOC	<i>Bouteloua curtipendula</i>	Side oats grama	1.5-2	1.5-2
		CXB	<i>Carex bicknellii</i>	Oval Sedge	1-3	1-3
		DSC	<i>Deschampsia cespitosa</i>	Tufted Hair Grass	2-3	1-2
		PNV	<i>Panicum virgatum</i>	Switchgrass	3-6	2-3
		SZS	<i>Schizachyrium scoparium</i>	Little Bluestem	2-4	1.5-2
		SPH	<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3	2-3
		ALC	<i>Allium cernuum</i>	Nodding onion	1-1.5	0.5-1
		ANP	<i>Anemone patens</i>	Pasque flower	0.5	0.5-1
		AST	<i>Asclepias tuberosa</i>	Butterfly milkweed	2-3	1.5-2
CPP	<i>Coreopsis palmata</i>	Prairie coreopsis	2-3	1.5-2		
DAP	<i>Dalea purpurea</i>	Purple prairie clover	2-3	0.5-1		
DOM	<i>Dodecatheon meadia</i>	Shooting star	1-1.5	0.5-1		
ECP	<i>Echinacea pallida</i>	Pale purple coneflower	2-3	1-1.5		
EPU	<i>Echinacea purpurea</i>	Purple coneflower	3-4	1.5-2		
ERY	<i>Eryngium yuccifolium</i>	Rattlesnake master	3-4	1.5-2		
GEU	<i>Geum triflorum</i>	Prairie smoke	1-1.5	1-1.5		
LIP	<i>Liatis pycnostachya</i>	Prairie blazing star	4-6	1.5-2		
PED	<i>Penstemon digitalis</i>	Foxglove beardtongue	1.5-2	1.5-2		
PXP	<i>Phlox pilosa</i>	Downy prairie phlox	1.5-2	0.5-1		
RUH	<i>Ruellia humilis</i>	Wild petunia	1-1.5	1.5-2		
SYO	<i>Symphotrichum oolentangiense</i>	Sky blue aster	2-3	1-2		



RES, LLC.

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Caroline Heights
Village of Elm Grove, Wisconsin

Mendel Group
10000 W. Center Avenue
Suite 600 South
Milwaukee, WI 53222

RES Proj #: 104753

Designed By: RNR

Drawn By: MDU

Checked By: RNR

Coordinate System: NAD 83, WI SP South, US Foot

File: 104753 SSND TREE SHRUB PLNT.dwg

REVISIONS

Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	
03/30/2023	REVISED	

STAMPED

DATED: MARCH 30, 2022

SHEET TITLE

Landscape
Planting
Schedules

SHEET NUMBER

L-10