

### PLANT SCHEDULE

SHORT PRAIRIE SEED MIX

BUTTERFLY GARDEN PLUGS

Allium cernuum / Nodding Onion Asclepias tuberosa / Butterfly Milkweed

Asclepias verticillata / Whorled Milkweed Baptisia alba / White Wild Indigo Bouteloua curtipendula / Side Oats Grama Carex bicknellii / Prairie Sedge Coreopsis polmata / Stiff Tickseed
Dalea candida / White Prairie Clover
Dalea purpurea / Purple Prairie Clover
Echinacea pollida / Pale Purple Coneflower

Echinacea purpurea / Coneflower Eragrostis spectabilis / Purple Lovegrass Eryngium yuccifolium / Rattlesnake Master Koeleria macrantha / Prairie Junegrass Liatris aspera / Rough Blazing Star Liatris pycnostachya / Gayfeather Lobelia cardinalis / Cardinal Flower Monarda fistulosa / Bergamot Monarda punctata / Spotted Horsemint Phlox pilosa / Downy Phlox Ratibida pinnata / Yellow Coneflower Rudbeckia hirta / Black—eyed Susan Ruellia humilis / Wild Petunia Schizachyrium scoparium / Little Bluestem Solidago ohioense / Ohio Goldenrod Sporobolus heterolepis / Prairie Dropseed Symphyotrichum ericoides / Heath Aster

LOW MAINTENANCE LAWN BLEND

PLANT SCHEDULE								
DECIDUOUS TREES Bn Co Qb Qm Qr	BOTANICAL / COMMON NAME Betula nigra / River Birch Multi-Trunk Celtis occidentalis / Common Hackberry Quercus bicolor / Swamp White Oak Quercus macrocarpa / Burr Oak Quercus rubra / Red Oak	ROOT COND. B & B B & B B & B B & B B & B	SIZE 7' ht. 2.5"Cal 2.5"Cal 2.5"Cal 2.5"Cal	NOTES	QTY 2 2 3 4 2			
EVERGREEN TREES Ps Tn	BOTANICAL / COMMON NAME Pinus strobus / White Pine Thuja occidentalis 'Nigra' / Black Arborvitae	ROOT COND. B & B B & B	<u>SIZE</u> 6' ht. 5' ht.	NOTES	<u>QTY</u> 7 5			
UNDERSTORY TREES AI Cc Hv2 Mi	BOTANICAL / COMMON NAME Amelanchier laevis / Allegheny Serviceberry Carpinus caroliniana / American Hornbeam Hamamelis virginiana / Common Witch Hazel Malus ioensis / Prairie Crabapple	ROOT COND. B & B B & B B & B 15 gal	<u>SIZE</u> 7'ht. 7'ht. 5'ht. 4'ht.	<u>NOTES</u> Multi-Stem	QTY 4 4 3 1			
DECIDUOUS SHRUBS Ca Cb7 Cr3 Ca5 VI Vb	BOTANICAL / COMMON NAME Ceanothus americanus / New Jersey Tea Cephalanthus occidentalis 'Bailoptics' / Fiber Optics® Buttonbush Cornus racemosa / Gray Dogwood Corylus americana / American Hazelnut Viburnum lentago / Nannyberry Viburnum prunifolium / Blackhaw Viburnum	ROOT COND. Cont. Cont. Cont. B & B B & B Cont.	SIZE 3 Gal. 7 Gal. 5 Gal. 4' ht. 7' ht. 5 Gal.	NOTES	QTY 14 6 2 3 7 3			
PERENNIALS SAVANNA Ac2 Dm3	BOTANICAL / COMMON NAME Aquilegia canadensis / Eastern Columbine Dodecatheon meadia / Shooting Star	ROOT COND. Cont. Cont.	<u>SIZE</u> Pint Pint	<u>NOTES</u>	<u>QTY</u> 10 9			
PERENNIALS SUN AC At AV Cp Dp Ep Es Ey Gt Km La Lp PP Rh Ss SI2 Sp2 Sh	BOTANICAL / COMMON NAME Allium cernuum / Nodding Onion Asclepias tuberosa / Butterfly Milkweed Asclepias verticillata / Whorled Milkweed Coreopsis palmata / Stiff Tickseed Dalea purpurea / Purple Prairie Clover Echinacea pallida / Pale Purple Coneflower Eragrostis spectabilis / Purple Lovegrass Eryngium yuccifolium / Rattlesnake Master Geum triflorum / Prairie Smoke Koeleria macrantha / Prairie Junegrass Liatris aspera / Rough Blazing Star Liatris pycnostachya / Gayfeather Panicum virgatum / Switch Grass Phlox pilosa / Downy Phlox Rudbeckia hirta / Black—eyed Susan Schizachyrium scoparium / Little Bluestem Siliphium laciniatum / Compass Plant Silphium terebinthinaceum / Prairie Dock Sporobolus heterolepis / Prairie Dropseed	ROOT COND. Cont.	SIZE 1 Gal. 1 Gal. 1 Gal. Pint 1 Gal.	NOTES	QTY 24 6 6 4 6 6 21 1 37 13 25 24 31 5 7 71 1 4			

14,222 sf

20,532 sf

4,013 sf

1,091 sf

VIERDICHER

	cape Worksheet							
The Learning Experience - Middleton			Date:	1/26/2023				
Total Square Footage of Developed Area:		(Site Area)	-	(Building Fo		=	64713	
		(Site Area)	74713	Grad	de)	10000		T
Total Landscape Points Required (<5 ac):		64,713	/ 300 =	216	x 5 =	1,079	1,	
Lansdcape Points Requried >5 ac			/ 100 =	0	x 1 =	-		
				/ Existing scaping	New/ Proposed Landscaping			
Plant Type/ Element	Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved		
Overstory deciduous tree	2.5" cal	35	0	0	11	385		T
Tall Evergreen Tree	5-6 feet tall	35	0	0	7	245		T
Ornamental tree	1.5" cal	15	0	0	19	285		T
Upright evergreen shrub	3-4 feet tall	10	0	0	0	0		T
Shrub, deciduous	#3 gallon	3	0	0	34	102		T
Shrub, evergreen	#3 gallon	4	0	0	0	0		T
Ornamental grasses/perennials	#1 gallon	2	0	0	353	706		
Ornamental/decorative fencing or wall	n/a	4 per 10 LF	0	0		0		
Existing significant specimen tree	Min. Size 2.5" cal.	14 per caliper inch.	0	0		0		
Landscape Furniture for public seating and/or transit connections		5 points per "seat"	0	0		0		
Sub Totals				0		1723		T
			Total Poi	nts Provided:	1723			Т

			I Androne Site Plan		THE LEARNING EXPERIENCE	652 BURNT SIENNA DRIVE	MIDDLETON, WISCONSIN		
	sf		REVISIONS	REMARKS	1	ı	ı		
1,079		RE	NO. DATE	-1		ı			
				ó	<b>(*)</b>	9	@		
			REVISIONS	REMARKS	ı	ı	ı		
			REV	NO. DATE			1		
				ġ Ż	$\triangleleft$	<b>(</b>	<		
			DA1	ΓΕ -/17,	/2023				
			DRAFTER						
			EGOR						

CHECKED CKNA PROJECT NO. 220335

L100

## NOT FOR CONSTRUCTION

### PLANT MATERIAL NOTES:

- 1. ALL PLANTINGS SHALL CONFORM TO QUALITY REQUIREMENTS AS PER ANSI Z60.1.
- ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY AND SIZE SPECIFIED, NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
- CONTACT LANDSCAPE ARCHITECT, IN WRITING, TO REQUEST ANY PLANT MATERIAL SUBSTITUTIONS DUE TO AVAILABILITY ISSUES.
- ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY AND FLOURISHING CONDITION DURING THE GROWING SEASON FOLLOWING INSTALLATION. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM THE TIME OF INSTALLATION. ALL EVERGREEN TREES SHALL BE GUARANTEED FOR THREE YEARS FROM THE TIME OF INSTALLATION.

- CONTRACTOR SHALL PROVIDE A SUITABLE AMENDED TOPSOIL BLEND FOR ALL PLANTING AREAS WHERE SOIL CONDITIONS ARE UNSUITABLE FOR PLANT GROWTH. TOPSOIL SHALL CONFORM TO QUALITY REQUIREMENTS AS PER SECTION 625.2(1) OF THE "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION." PROVIDE A MINIMUM OF 18" OF TOPSOIL IN ALL PLANTING AREAS AND 6" OF TOPSOIL IN AREAS TO BE SEEDED/SODDED.
- SUBSOIL UNDER TURF AND PLANTING BEDS MUST BE FREE DRAINING AND LOOSE TO ALLOW ROOT PENETRATION AND DRAINAGE. LANDSCAPE CONTRACTOR SHOULD NOTIFY GENERAL CONTRACTOR IF SUBSURFACE COMPACTION IS UNFIT FOR PLANTING. LANDSCAPE CONTRACTOR IS NOT RESPONSIBLE FOR SUBSURFACE SOIL PREPARATION.
- LANDSCAPE BEDS TO BE MULCHED WITH UNDYED SHREDDED HARDWOOD BARK MULCH TO 3" DEPTH MIN.
- LANDSCAPE BEDS ARE SEPARATED FROM SEEDED AREAS WITH WITH COMMERCIAL GRADE ALUMINUM LANDSCAPE EDGING, PERMALOC CLEANLINE 38"X4" OR EQUAL, COLOR BLACK
- ALL TREES AND/OR SHRUBS PLANTED IN SEEDED AREAS TO BE INSTALLED WITH A 5' DIAMETER MULCH RING AND SHOVEL CUT EDGE. A SLOW RELEASE FERTILIZER AND MYCORRHIZAL INOCULANT SHOULD BE APPLIED TOPICALLY AT TIME OF PLANTING PRIOR TO MULCH APPLICATION. APPLICATION RATES TO REFLECT MANUFACTURER

### SEEDING AND PLUG PLANTING NOTES:

- ALL AREAS LABELED 'SHORT PRAIRIE' TO BE SEEDED WITH 'SHORTGRASS PRAIRIE FOR MEDIUM SOILS' BY AGRECOL OR EQUIVALENT, PER MANUFACTURER'S SPECIFICATIONS. ALL NATIVE SEEDINGS BETWEEN JUNE 15TH AND OCTOBER 15TH TO RECEIVE AT LEAST \$" WATER TWICE WEEKLY. NATIVE SEEDING PRIOR TO JUNE 15TH AND AFTER OCOTBER 15TH DO NOT REQUIRE WATERING. PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
- AREAS SHOWN AS TURF GRASS TO BE SEEDED WITH 'WEAR-N-TEAR' SEED MIX BY LA CROSSE SEED OR EQUIVALENT. ALL SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH IS ESTABLISHED, APPLY I WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. (PRIOR TO ROUTINE MAINTENANCE SCHEDULE ESTABLISHMENT, MOWING SHOULD OCCUR TO MAINTAIN A TURF HEIGHT OF 3"-6") PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT.
- INSTALL BUTTERFLY GARDEN PLUG PLANTINGS AS 2" X 2" X 4" OR 2.25" X 2.25" X 5" DEEP PLUGS AS SUPPLIED BY AGRECOL, MIDWEST GROUNDCOVERS OR EQUAL. BIORETENTION PLUGS TO BE INSTALLED 14" ON CENTER IN A TRIANGULAR GRID PATTERN. PLANT SPECIES RANDOMLY THROUGHOUT SPECIFIED AREA, MAINTAINING AN EVEN RATIO OF GRASSES/SEDGES TO FORBS (WILDFLOWERS) THROUGHOUT PLANTING. APPLY 1/2 WATER DAILY FOR 3 WEEKS FOLLOWING INSTALLATION.
- ALL UNLABELED DISTURBED AREAS, AND AREAS LABELED LOW MAINTENANCE LAWN BLEND TO BE SEEDED WITH 'LOW MAINTENANCE LAWN BLEND' BY PRAIRIE MOON OR FOULVALENT. PER MANUFACTURER'S SPECIFIED APPLICATION RATES. ALL TURF SEEDED AREAS ARE TO BE WATERED DAILY TO MAINTAIN ADEQUATE SOIL MOISTURE FOR PROPER GERMINATION. AFTER VIGOROUS GROWTH 15 ESTABLISHED, APPLY 3" WATER TWICE WEEKLY UNTIL FINAL ACCEPTANCE. PRIOR TO SEEDING APPLY A MINIMUM OF 4" TOPSOIL TO ENTIRE AREA. FOLLOWING SEEDING APPLY A MULCH LAYER OF STRAW OR STRAW MAT

### GENERAL LANDSCAPE NOTES:

- 1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ANY RIGHT OF WAY WORK.
- 2. CONTRACTOR SHALL VERIFY ALL UTILITIES WITHIN SCOPE OF CONTRACT.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS AT SITE AND
- CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS WITHIN SITE AFTER COMPLETION. CONTRACTOR SHALL CLEAN ANY AFFECTED PAVED AREAS OUTSIDE OF DISTURBANCE DELINEATION DAILY.

### PRAIRIE AREAS: PLANTING AND MAINTENANCE THROUGH YEAR 2

Remove weeds from site prior to planting, using one or a combination of the following methods Apply a vegetation killing herbicide such as glyphosate at least two times spaced two weeks apart. Apply seed or plant plugs after two weeks from the second herbicide application.
 Cover the area entirely with black plastic or cardboard for one growing season.

3. Rototill or disk the area at least every month for at least one entire growing season.

Plant seed mix before June 15 or after October 15 for best results. Soil seed contact is necessary for seeds to germinate; either till soil well or use a special drill for no-till seeding. Incorporate any necessary soil amendments prior to seeding. Do not plant seed deeper than one inch. Watering and mulching may help support germination, but watering must be done consistently until germination is complete.

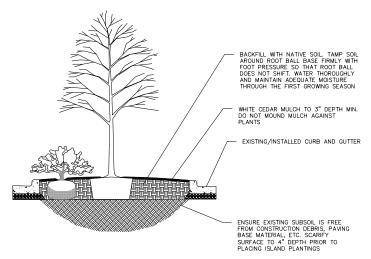
### CARING FOR THE PLANTING

Weed control is critical while the native plants are becoming established. Weeds may be controlled via mowing, spot herbicide application, or hand pulling. During the first growing season, mow at a height no less than 6" in late June, Late July and Late August. In the second year, mow at a height of no less than 6" in late June and mid August. Spot invasive weed treatment should be completed at least once a year with a selective herbicide. Refer to resources provided by the DNR for specific invasive species to be targeted.

### PRAIRIE AREAS: MAINTENANCE AFTER YEAR 2

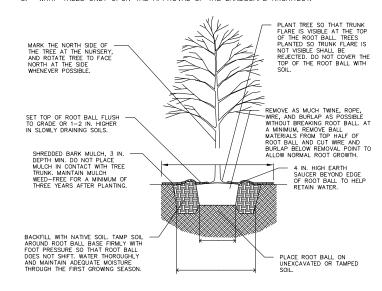
After two growing seasons, weeds can be controlled via burning. Burning is best done in late spring (late April) for maximum inhibition of weeds and to preserve winter nesting habitat. Burning should be done biennially. In areas where burning is not feasible, remaining vegetation should be mowed to a height of 6" in late fall or early spring every other year. Spot herbicide treatment should be considered as annual maintenance. Initial invasive species elimination effort results in lower maintenance efforts following treatments.

- 1. PARKING ISLAND TO BE FREE OF AGGREGATE TO A MINIMUM DEPTH OF 24"
- ANY PAVEMENT BASE MATERIALS REMAINING FROM PAVEMENT INSTALLATION WITHIN PLANTING AREA SHALL BE REMOVED AND REPLACED WITH NATIVE SOIL PRIOR TO



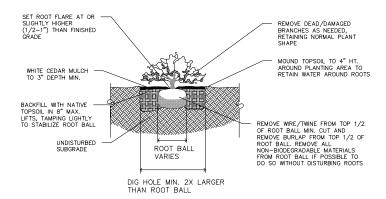
# PARKING ISLAND PLANTING AREA

- DO NOT HEAVILY PRUNE TREE AT PLANTING, PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
- 2. STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT
- 3. WRAP TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.





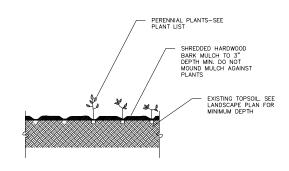
- KEEP CONTAINERS ON PLANTS UNTIL READY TO INSTALL TO MINIMIZE ROOT DAMAGE FROM EXPOSURE TO AIR. GENTLY LOOSEN ROOTS ON ROOTBOUND PLANTS. SEVERELY ROOTBOUND PLANTS WILL BE REJECTED.
- 2. APPLY BALANCED SLOW RELEASE FERTILIZER PELLETS TO SOIL SURFACE PRIOR TO MULCHING, PER SPECIFIED APPLICATION RATES.
- 3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL.





### NOTES:

- KEEP CONTAINERS ON PLANTS UNTIL READY TO INSTALL TO MINIMIZE ROOT DAMAGE FROM EXPOSURE TO AIR. GENTLY LOOSEN ROOTS ON ROOTBOUND PLANTS. SEVERELY ROOTBOUND PLANTS WILL BE REJECTED.
- APPLY BALANCED SLOW RELEASE FERTILIZER PELLETS TO SOIL SURFACE PRIOR TO MULCHING, PER SPECIFIED APPLICATION RATES.
- 3. WATER PLANTS THOROUGHLY AFTER PLANTING TO SETTLE SOIL





Φ

O

0

Φ

Landscape Notes & THE LEARNING EXPERIENCE 652 BURNT SIENNA DRIVE MIDDLETON, WISCONSIN ≪ THE | 652 | 4/17/2023 DRAFTER EGOR CKNA

Details

L101

PRO IECT NO

220335