

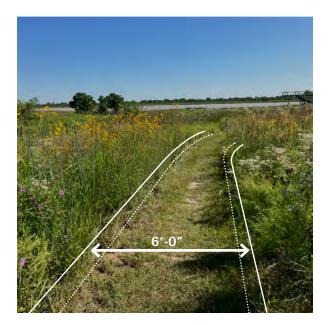


CONTENTS

- 1 NOT A BLANK STATE 2 **OK TO SWAP SPECIES** 3 PLANT BY HEIGHT PLANT BY ZONE 4 ZONES WILL SHIFT 5 FLEXIBLE IRRIGATION 6 7 **REMOVE INVASIVES** WELCOME NATIVE BLOOM CYCLES 8 TALLGRASS AT BACK 9 10 LOW HEIGHT BAND MIDDLE HEIGHT BAND 11 HIGH HEIGHT BAND 12 13 CREATE A GATEWAY EXPERIENCE
- X PLANTING PLAN

1 NOT A BLANK SLATE

Planting has already begun and the garden is under way. What is needed is a unifiying structure or pattern to help visitors understand and appreciate the beauty of the prairie landscape. Furthermore the native seed bank is not something to fight, but can be embraced as a resource to add diversity and spontaneity to the experience.



MOW SIX FOOT PATH



PLANT BETWEEN DESIRABLE SPECIES

PLANT WHERE INVASIVES ARE CLEARED

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2 OK TO SWAP SPECIES

In the following pages specific plant species will be identified and called out for use, but the plan isn't dependent on any single species. Depening on availability, alternate species with similar characteristics can be substituted. It may also be found that alternate species are better adapted based on underlying site conditions.



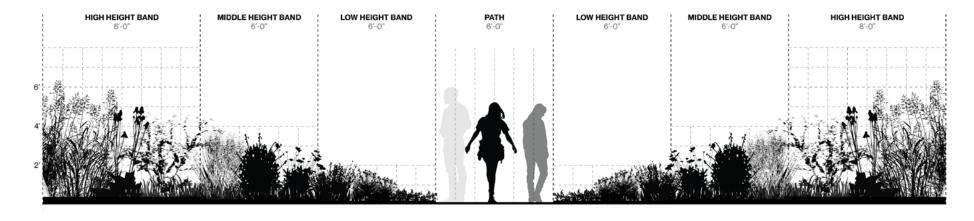
Lanceleaf Coreopsis Coreopsis lanceolata



Plains Coreopsis Coreopsis tinctoria

3 PLANT BY HEIGHT

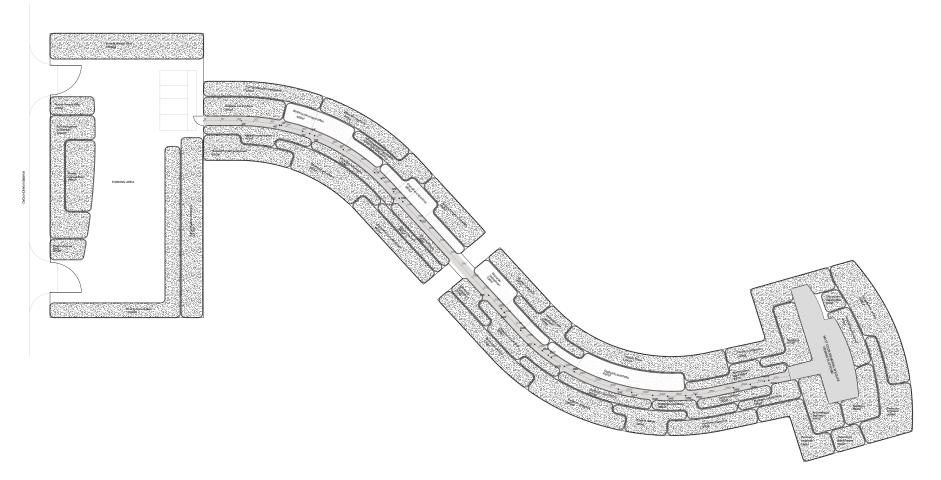
As a linear or border garden, the visitor's experience of the garden will be framed by the two sides. Plant species are selected and arranged to maximize the number of species the visitor can see. Three height bands- low, middle, and high- are conceptualized on either side of the trail. Groupings of plant species are assigned to each height band.



TEXAS CONEFLOWER GULF MUHLY INDIAN BLANKET MEXICAN HAT Rudbeckia texana Muhlenbergia Gaillardia pulchella Ratibida columnifera capillaris PURPLETOP TRIDENS SNOW ON THE PRAIRIE PARTRIDGE PEA SILVER BLUESTEM FROGFRUIT Tridens flavus Euphorbia bicolor Chamaecrista Bothriochloa Phyla nodiflora fasciculata laguraoides

4 PLANT BY ZONE

In a naturalized prairie landscape finding a specific plant or flower can be like a treasure hunt. Mass or block plantings in the prairie garden will help the visitor recognize and remember individual species by simplifying the complex patterns found in the larger landscape. Mass plantings are also easier to control and manage.



5 zones will shift

Prairie landscapes are dynamic systems and over time the boundaries of the zones will shift as individual plants spread through growth or by seed. Movement of the zones should be embraced as part of the life and evolution of the garden. Control can be re-asserted when height zones are compromised or to increase species diversity as necessary.



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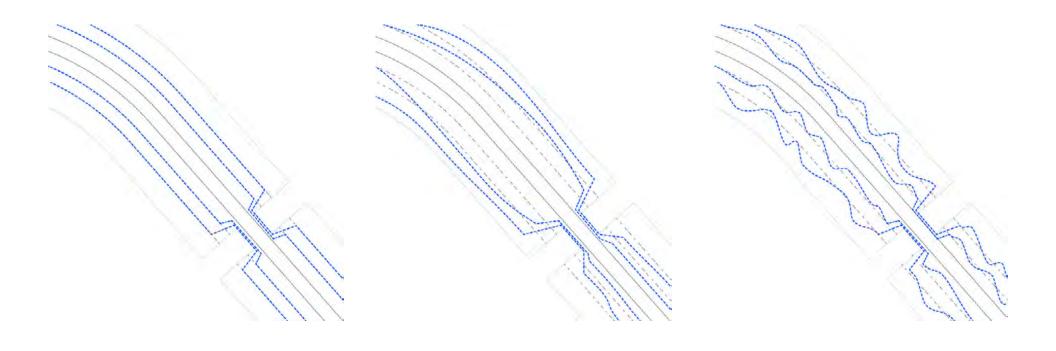


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6 FLEXIBLE IRRIGATION

Eventually irrigation should only be needed in extreme drought conditions. However, to start four flexible drip lines are called for to allow for periodic watering to help the new planting zones establish. Flexible drip lines are preferred because they are easily replaced and maintained and can be moved as needed to particular locations.



7 REMOVE INVASIVES

Ongoing removal of invasive or undesirable plants will be required as the garden is established. This work is currently in progress and can be continued as needed. Specific species for removal are listed below. Removal creates new cleared areas that are ideal for mass plantings according to the zone plan.



Common Ragweed Ambrosia psilostachya

OTHER SPECIES TO REMOVE:

8

WELCOME NATIVE BLOOM CYCLES

Annuals and perennials within the native seedbank add seasonal interest and should be allowed to continue to thrive. Annuals will be especially prevalent where soils are disturbed. The planting plan includes areas designated for annuals which can be maintained through periodic disturbance and reseeding as needed.



Gaura Gaura lindheimeri



Swamp Sunflower Helianthus angustifolius



American Basketflower Centaurea americana

9 TALLGRASS AT BACK

Existing and newly planted tallgrasses have a place in the garden, but should be relocated or planted at the back along the fence line. These grasses can frame the edges and also work around the viewing platform where the visitor experience is elevated above ground level.



Indian Grass Sorghastrum nutans



Switchgrass Panicum virgatum



Eastern Gamagrass Tripsacum dactyloides

10 LOW HEIGHT BAND

Species for potential use at the Shrike Prairie Garden in the first band adjacent to the path are generally less than two feet tall and are listed below.

Scientific	Common	Height Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Neptunia pubescens	Tropical Puff	2-6″											
Phyla nodiflora	Frog Fruit	3-6″				Х	Х	Х	Х	Х	Х		
Phacelia hirsuta	Fuzzy Phacelia	5′		Х	Х	?							
Mimosa strigillosa	Powderpuff	.5′		Х	Х	Х	Х	Х	Х				
Neptunia lutea	Yellow Puff	.5-1′				Х	Х						
Callirhoe involucrata	Winecup	1′		Х	Х	Х	Х						
Castilleja indivisa	Indian Paintbrush	.5-1.5′		Х	Х	Х							
Eragrostis spectabilis	Purple Lovegrass	.5-1.5′							Х	Х	Х		
Bothriochloa laguroides	Silver Bluestem	1-1.5′				Х	Х	Х	Х	Х	Х	Х	
Sisyrinchium angustifolium	Narrow-leaved blue eyed grass	1-1.5′		Х	Х	Х	Х	Х					
Asclepius oenotheroides	Zizotes Milkweed	1.5′		Х	Х	Х	Х	Х	Х	Х	Х		
Lupinus texensis	Bluebonnet	-2′		Х	Х	Х							
Tradescantia occidentalis	Prairie Spiderwort	.5-2′					Х	Х					
Monarda citriodora	Lemon Beebalm	1-2′				Х	Х	Х					
Monarda lindheimeri	Lindheimer's Beebalm	1-2′				Х							
Helenium amarum	Sneezeweed	1-2′			Х	Х	Х	Х	Х	Х			
Oenothera speciosa	Evening Primrose	1-2′	Х	Х	Х	Х	Х	Х					
Oenothera laciniata	Cut-leaf Evening Primrose	1-2′		Х	Х	Х	Х	Х	Х	Х			
Coreopsis tinctoria	Plains Coreopsis	1-2′			Х	Х	Х						
Rudbeckia hirta	Black-eyed Susan	1-2′					Х	Х	Х	Х	Х		
Senecio ampullaceus	Texas Ragwort	1-2′		Х	Х								
Ratibida columnifera	Mexican Hat	1.5-2′				Х	Х	Х	Х	Х	Х		
Asclepias perennis	Aquatic Milkweed	1.5-2′				Х	Х	Х	Х	Х			
Aclepias tuberosa	Orange Milkweed	1.5-2′				Х	Х	Х	Х	Х			
Aclepias aspeula	Antelope Horns	1.5-2′		Х	Х	Х	Х	Х	Х	Х	Х		

SHRIKE PRAIRIE GARDEN DESIGN MANUAL 8/14/2023

11 MIDDLE HEIGHT BAND

Species for potential use at the Shrike Prairie Garden in the middle band are generally less than four feet tall and are listed below.

Scientific	Common	Height Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Aristida purpurea	Purple three-awn	1-2' +			х	х	х	х	Х	х	х		
Coreopsis lanceolata	Lanceleaf Coreopsis	1-2.5′			Х	Х	Х						
Salvia coccinea	Scarlet Sage	1-2.5′	Х	Х	Х	Х	Х	Х	Х	Х	Х		
Pycnanthemum tenuifolum	Mountain Mint	2-2.5′					Х	Х	Х	Х			
Gaillardia pulchella	Indian Blanket	1-3′				Х	Х	Х	Х				
Schizacgyrium scoparium	Little Bluestem	1.5-3′					Х	Х	Х	Х	Х	Х	Х
Conoclinium coelestinum	Blue Mistflower	-3′						Х	Х	Х	Х	Х	
Chamaecrista fasciculata	Partridge Pea	1-3′					Х	Х	Х	Х	Х		
Muhlenbergia capillaris	Gulf Muhly	1.5-3′								Х			
Sporobolus silveanus	Silveus' dropseed	-4′											

12 HIGH HEIGHT BAND

Species for potential use at the Shrike Prairie Garden in the band furthest from the path are generally four feet tall or more and are listed below.

Scientific	Common	Height Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Silphium gracile	Rosinweed	1-4′					х	х	Х				
Euphorbia bicolor	Snow On the Prairie	1-4'						Х	Х	Х	Х		
Andropogon ternarius	Splitbeard Bluestem	1.5-4′							Х	Х	Х	Х	
Elymus virginicus	Virginia Wild Rye	2-4'		Х	Х	Х							
Solidago spp.	Goldenrod	2-5'							Х	Х	Х	Х	
Vernonia missurica	Missouri Ironweed	3-5′						Х	Х	Х			
Rudbeckia texana	Texas Coneflower	4-5′								Х	Х	Х	
Eupatorium serotinum	Late Boneset	3-6′								Х	Х	Х	
Salvia azurea	Blue Pitcher Sage	3-6′								Х	Х	Х	
Eryngium yuccifolium	Rattlesnake Master	4-6'				Х	Х	Х	Х				
Tridens flavus	Purpletop Tridens	2.5-7′							Х	Х	Х	Х	

SHRIKE PRAIRIE GARDEN

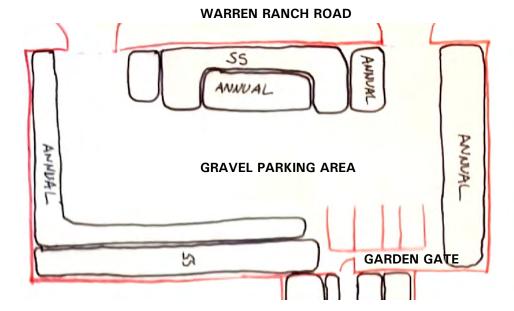
DESIGN MANUAL

8/14/2023

13 CREATE A GATEWAY EXPERIENCE

The road frontage and parking area are key opportunities to invite visitors into the prairie garden and to frame the experience. Innformal yet striking, the parking area will use a single grass species as a backdrop for a rotating display of eye-catching native annuals. The mix of structure and spontaneity sets the tone for the prairie garden experience





Prairie Annuals

Concept Plan



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