

MEDIUM DIMENSIONS: POLLINATOR-PROMOTING STYLE

DESERT LANDSCAPES IN YOUR FRONT YARD



DESERT PLANTS: WATER-WISE, LOW MAINTENANCE, AND BEAUTIFUL!

SPEND LESS TIME MAINTAINING YOUR LANDSCAPE

Spend less time mowing a lawn and more time doing the things you love. To learn how to keep your desert yard healthy, beautiful, and hassle-free, follow these instructions and visit our website.

THERE'S BEAUTY IN BIODIVERSITY

Biodiversity emphasizes the importance of diverse plants: different types, sizes, and shapes. These plans include a wide variety of plants, and they are all adapted for the desert! You will see that your yard has a new personality with every season. Pollinators love that!

DID YOU KNOW?

Choosing desert plants can reduce your outdoor water use by **85%**!



Every square foot of grass uses as much as **73 GALLONS** of water each year!

Source: (Sovocool 2005)























By following this plan you can save as much as **41,000 GALLONS** of water each year!

SITE PLAN

Our site plan will help you to see the potential in your front yard!

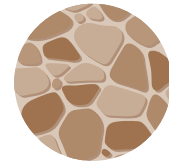
PLANT PALETTE

MATERIALS

SYMBOL	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE (FT.)	BENEFITS
	1	Palo Brea	<i>Parkinsonia praecox</i>	Up to 25' wide	
	1	Baja Fairy Duster	<i>Calliandra californica</i>	Up to 6' wide	 
	1	AZ Yellow Bell	<i>Tecoma stans</i> : <i>variety, angustata</i>	Up to 8' wide	 
	1	Creosote	<i>Larrea tridentata</i>	10+ feet wide	 
	1	Wolfberry Bush	<i>Lycium fremontii</i>	Up to 8' wide	 
	3	Deergrass	<i>Muhlenbergia rigens</i>	Up to 4' wide	
	3	Parry's Agave	<i>Agave parryi</i>	Up to 3' wide	
	3	Desert Milkweed	<i>Asclepias subulata</i>	Up to 5' wide	 



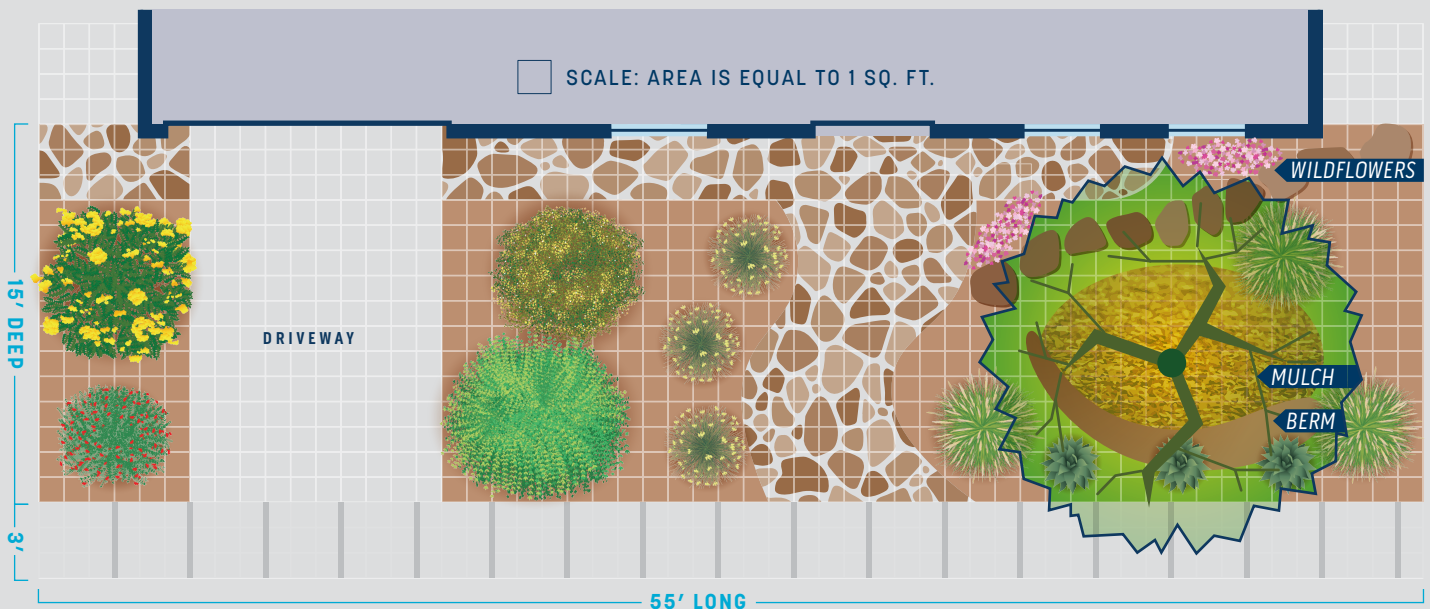
Mulch



Organic Path Pavers



Decomposed Granite



PLANT FACTS & TIPS



The plants in this plan may attract bugs and birds! To bring even more pollinators, try planting wildflowers! Check this QR code to learn how.

This plan includes the use of mulch and passive rainwater harvesting techniques. To learn more about how you can make the most of rain, please visit phoenix.gov/savewater.

IRRIGATION

Follow this guide and adapt the plan to your unique yard. Always look for more resources if you are unsure, and if needed, consult with a landscape professional.

AVERAGE YEAR WATERING FREQUENCY

WINTER		SPRING		SUMMER				FALL		WINTER													
JANUARY	37	FEBRUARY	37	MARCH	22	APRIL	22	MAY	14	JUNE	14	JULY	14	AUGUST	14	SEPTEMBER	14	OCTOBER	22	NOVEMBER	22	DECEMBER	37
	1		0		2		1		3		2		2		2		2		2		1		0
											< Days between watering												
											< Waterings per month												

This watering guide is based on average precipitation in the Sonoran Desert.

SCHEDULE

ZONE	RUNTIME (minutes)
1	80 min.
2	108 min.

TURN OFF YOUR SYSTEM WHEN IT RAINS.

For every 1-inch of rainfall in a 1-square foot area, you are getting 0.623 gallons of water FREE. A general rule of thumb: a 1/2-inch rain event can allow you to delay your next planned watering day by a week or more.

REMEMBER:

Your new plants will be very thirsty in the beginning! Please visit our website to find out how to safely establish your new plants and transition to a lower watering schedule.

WHAT'S THE DEAL WITH MY DIRT?

Soil types in the Phoenix Metro vary widely. Different combinations of soil elements, like sand, loam, and clay, impact your watering plans. Visit our website to learn about the soil you have and how to adapt your watering schedule.

LEGEND



4 GPH emitter
28 Total



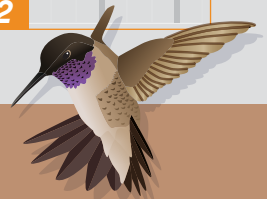
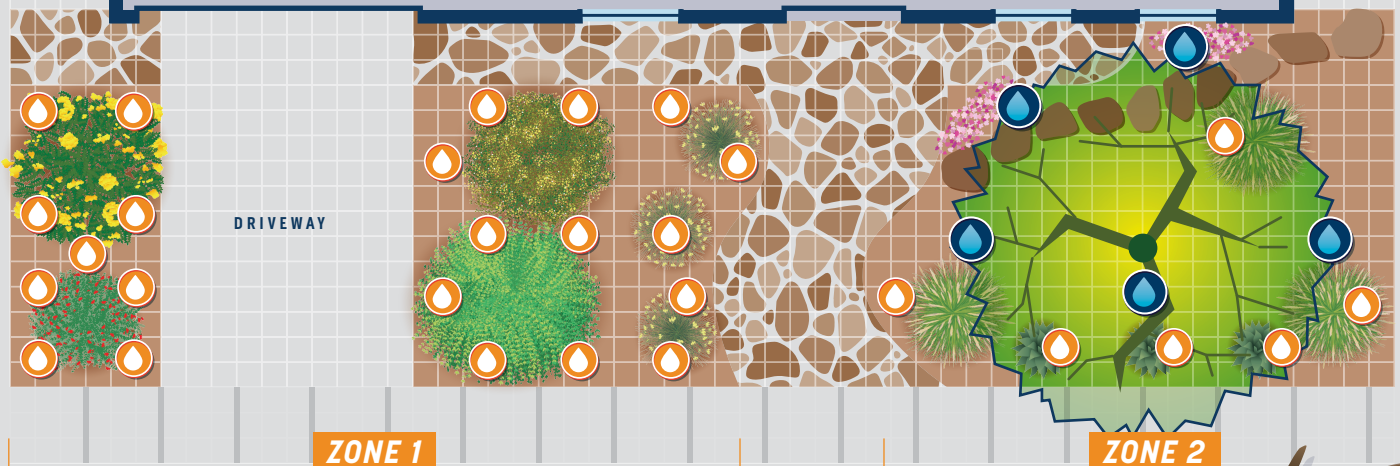
30 GPH / 2 LPM emitter
5 Total

IRRIGATION ZONES

GPH:
Gallons
per hr.

LPM:
Liters
per min.

SCALE: AREA IS EQUAL TO 1 SQ. FT.



DID YOU KNOW?

MULCH CAN TRAP WATER AND KEEP YOUR SOIL MOIST! THIS IS GREAT FOR THIRSTY PLANTS, BUT IT IS NOT GOOD FOR MOST OF OUR DESERT PLANTS. USE YOUR MULCH STRATEGICALLY! TO LEARN MORE, VISIT OUR WEBPAGE.

"I LOVE WILDFLOWERS, AND I PLAY AN IMPORTANT ROLE IN POLLINATION."

-testament from local hummingbird.

TIPS FOR SUCCESS

DID YOU KNOW?

A plant's roots are typically just as wide as the plant itself. And, root systems collect water at the very tips of the roots—not the center! If you have a tree, you need to water around the canopy. Place your emitters around your tree in a circular fashion, not at the trunk of the tree!

DID YOU KNOW?

Once your desert plants are mature and established, you do NOT need to irrigate them!

ADAPT THESE PLANS TO YOUR HOME

Every home in Phoenix is unique, including lot sizes. Here are elements to consider before you get to work on your new Xeriscape:

Establish a baseline: What's going on in your yard? Do you have grass? Do you have rocks? Weeds? Get familiar with your yard and then visit our website to learn about preparing your property for a landscape conversion, including **TURF REMOVAL TIPS**.

Size: Which plan option is closest to the size of your yard? If you don't like the plant choices, choose other water-wise plants and prioritize Sonoran Desert natives.

Season: Please only do your yardwork when it is safe. We don't recommend digging when it is 100 degrees outside or during a lightning storm.

Water: There are two types of water you should think about: 1. Rainwater and 2. Irrigation. Make sure that you are thinking about the unique land grading and water flow patterns of your property. Ensure that your irrigation system is functional and leak-free! And water-wise does not mean zero water!

PLANT SUBSTITUTES

Please check out the two other plans that we offer, the table below, or any resources listed on our website for more water-wise plants!

PLANT TYPE:	COMMON NAME	SCIENTIFIC NAME	MAX WIDTH
TREES	Ironwood*	<i>Olneya tesota</i>	25'
	Blue Palo Verde*	<i>Cercidium floridum</i>	30'
	Arizona Rosewood*	<i>Vauquelinia californica</i>	8'
	Feather Bush*	<i>Lysiloma watsonii</i>	15'
	Cascalote	<i>Caesalpinia cacalaco</i>	15'
SHRUBS	Hopbush*	<i>Dodonea viscosa</i>	8'
	Desert Lavender*	<i>Hyptis emoryi</i>	4'
	San Marcos Hibiscus*	<i>Gossypium harknessii</i>	4'
	Langman's Sage	<i>Leucophyllum langmaniae</i>	5'
	Sugar Bush*	<i>Rhus ovata</i>	6'
	Pink Fairyduster*	<i>Calliandra eriophylla</i>	4'
	Little-Leaf Cordia*	<i>Cordia parvifolia</i>	6'
	Desert Hackberry*	<i>Celtis pallida</i>	10'
Bush Dalea* or Weeping Dalea*	<i>Dalea pulchra/Dalea versicolor (sessilis)</i>	5'	
ACCENTS	Fishhook Barrel Cactus*	<i>Ferocactus wislizeni</i>	3'
	Engelmann's Hedgehog Cactus*	<i>Echinocereus engelmannii</i>	2'
	Purple Prickly Pear*	<i>Opuntia santa-rita</i>	5'
	Ocotillo*	<i>Fouquieria splendens</i>	10'
	Saguaro*	<i>Carnegieia gigantea</i>	10'

* Sonoran Desert native!

Utilities: Know your yard before doing any updates! If you damage buried utilities, it can be a very costly and inconvenient repair.

Where will you get your plants: Every plant in this plan was observed for sale at a local nursery or plant sale in the Phoenix area. Finding your plants may not happen in a single weekend—take your time, get the plants that you want, and start your work once you feel pleased with your options. You can always tend potted plants before transferring them into the ground.

Suggested Supplies: Make sure your supplies check these boxes:

- Irrigation materials (tubing, controllers, emitters, bubblers, & more)
- Hardscape (pavers, stones, or similar material)
- Substrate (gravel, decomposed granite, mulch, etc.)
- Tools (shovels, spades, rakes, trowels, gloves, & more)

SHARE YOUR COMMITMENT TO #SAVEWATERPHX

POST PHOTOS OF YOUR XERISCAPED YARD WITH #PHXDESERTYARD

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