WATER WISE WEDNESDAY WOORLSSE WEDNESDAY

3/12 - DIY SpokaneScape Design: Tools to Begin







SpokaneScape

The practice of replacing grass lawns with native and water wise plants to create an aesthetically pleasing landscape design that both saves water and enriches the local ecosystem.





DROUGHT TOLERANT

drought tolerance is a plant's ability to survive during a drought. Drought tolerant plants do need water, but are considered low water plants.





DROUGHT RESISTANT

drought resistance is when a plant can survive for extended periods of time without water. Drought resistant plants are able to thrive in conditions that would normally cause other plants to die.

WATERWISE

a term used to describe a water and plant management practice that emphasizes using plants that have low supplemental water needs.





MEDITERRANEAN PLANTS

this classification denotes regions globally that share similar climate characterics of dry and hot summers and cold rainy winters

XERISCAPE

a landscaping method developed especially for arid and semiarid climates that utilizes water conserving techniques such as the use of drought tolerant plants, mulch, and efficient irrigation.





FOUR-STEP DESIGN PROCESS

- Know Your Site.
- Know. Your. Needs!
 - Make it Your Own.
 - Make it a Reality!

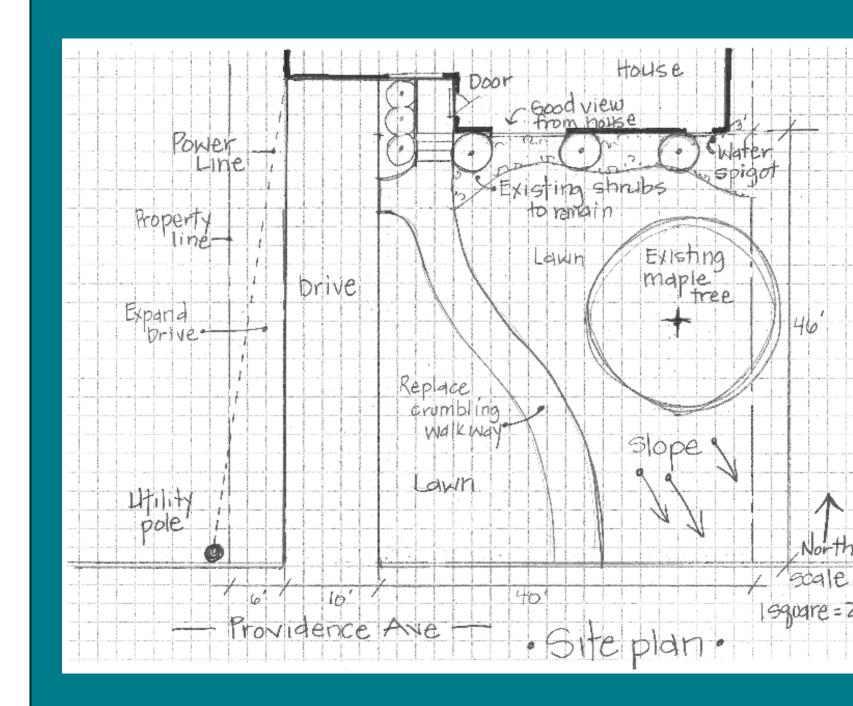
KNOW YOUR SITE.

1) Property Line

SCOUT

Spokane County

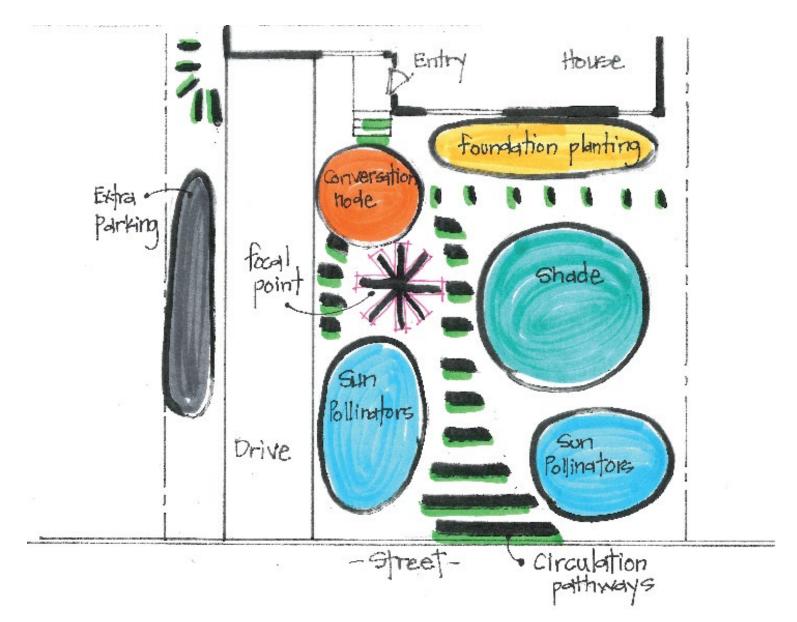
- 2) House
- 3) Hardscape
- 4) Existing Plant Materials



KNOW. YOUR. NEEDS

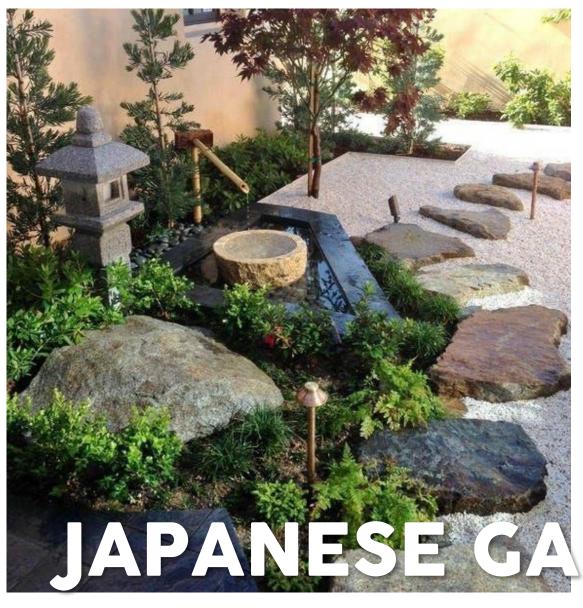


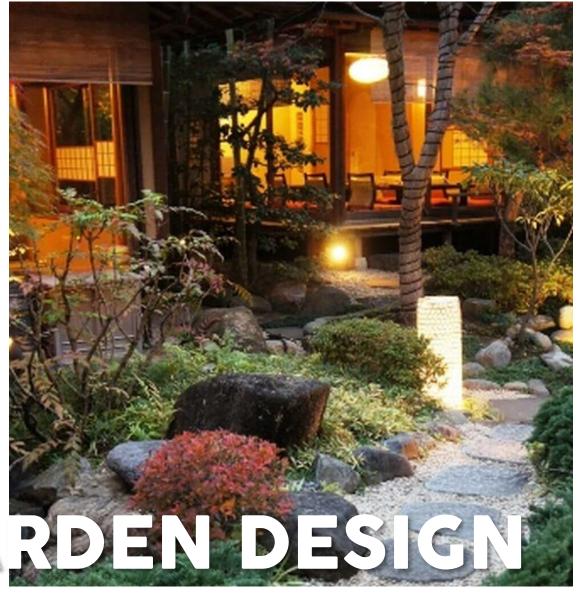
BUBBLE DIAGRAM



MAKEIT YOUR OWN!









Formal





Naturalistic Prairie





Combination







TIP: CREATING A WILDLIFE HABITAT!

TYPICAL URBAN LANDSCAPE BIRDS



Black Capped Chickadee



American Robin



American Gold Finch



Red Breasted Nuthatch



Calliope Hummingbird

NATIVE LANDSCAPE BIRDS



Brown Creeper



Golden Crowned Kinglet



Stellar Jay



Wild Turkey



Hairy Woodpecker



Dark Eyed Junco



American Robin



Red Breasted Nuthatch



Red Crossbill



Yellow Rumped Warbler



Chipping Sparrow

FORM FOLLOWS FUNCTION

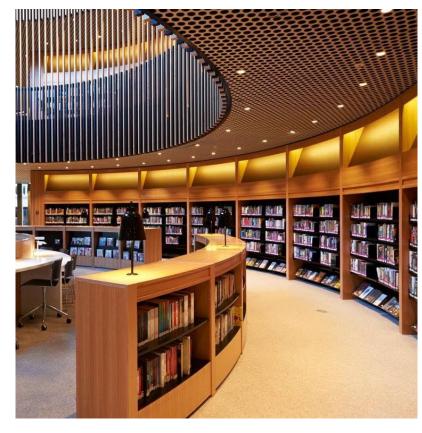












INSPIRATION

INSPIRATION: Demo Gardens





WSU Master Gardeners Garden







14th and Grand Pump Station

INSPIRATION: Virtual Tour













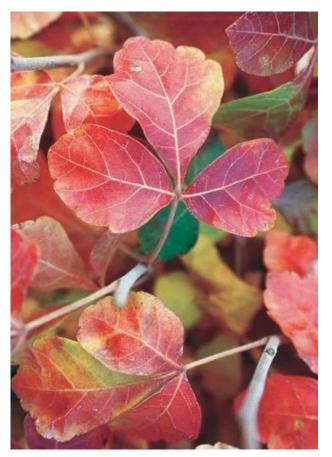




FOUR SEASON INTEREST









Spring

Summer

Fall

Winter

PICK YOUR COLORS.





EXCITEMENT PALETTE



ROMANCE PALETTE!









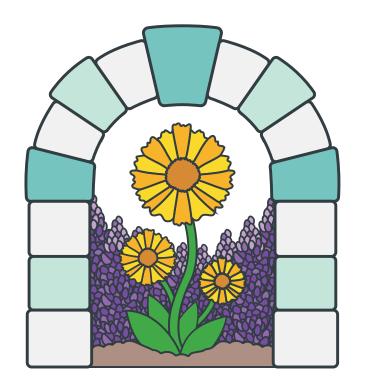






YELLOW PALETTE





MAKEIT AREALITY.







PICK YOUR PLANTS!

Natives are just messy!





NATIVE PLANT

a plant that originally occurs within a region as the result of natural processes rather than human intervention.

NATIVAR

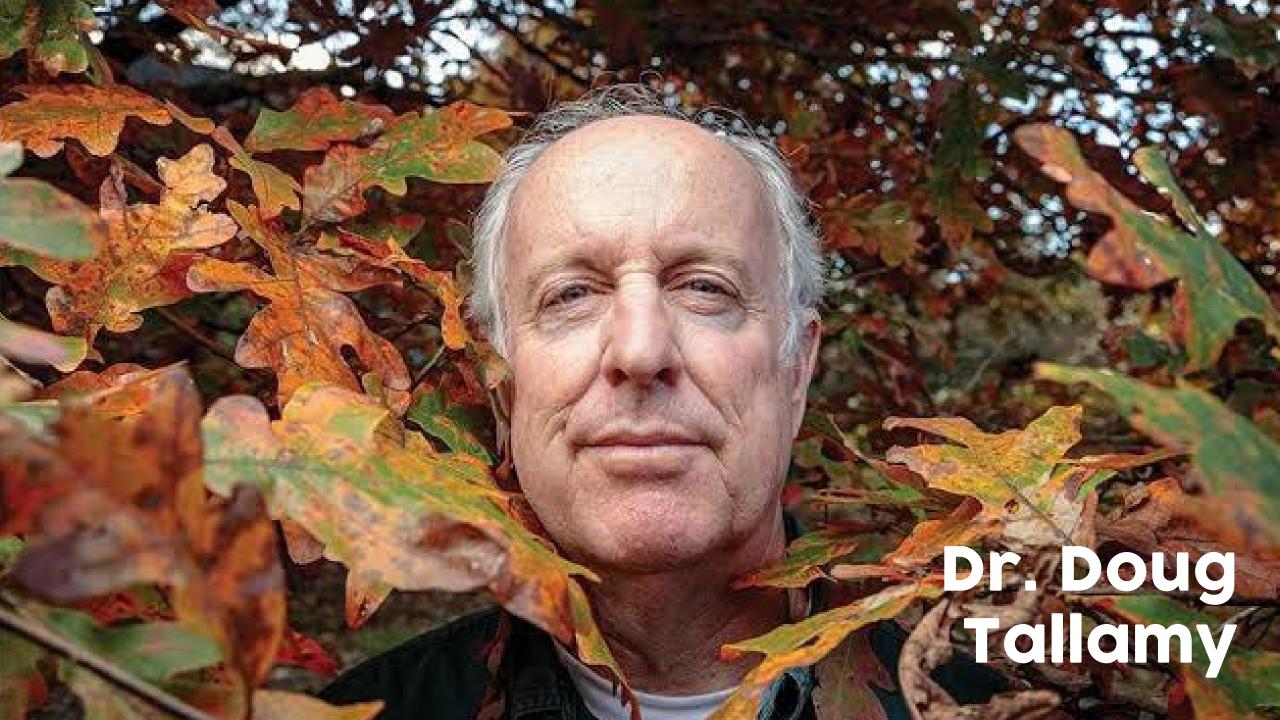
acultivar of a native plant, the result of human selection for a specific plant trait.





KEYSTONE NATIVE

are native plants that support many other species and are vital to the health of an ecosystem.





Resources: Guidebook Plant List



The keystone native plants in the Spokane area are a unique combination of arid forest plants and high desert species. The expansion of urban development has threatened local ecosystems and numerous native species that have lived here for thousands of years. Incorporating local keystone native plants to your SpokaneScape will ensure your plants thrive and will invite caterpillars, pollinators, and birds back into our community.

Drought-Tolerant Keystone Plants

Look for the keystone icon! Our team has identified keystone native plants within our existing Drought Tolerant Plant List to get you started.



There are many other appropriate native species for our region that host significant number of butterflies, moths, and pollen specialist bees. All plant information is from the National Wildlife Federation, visit their website to learn more about how you can protect native wildlife habitat.



Guidebook: SpokaneScape Plant List

SpokaneScape Plant List Key



Keystone Plant



Butterfly Food or Nesting



Bee Food or Nestina



& Forage



Hummingbird



Berries

Fall Color





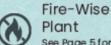
Resistant



Evergreen



Erosion





Full Sunshine

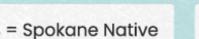
Light Needs

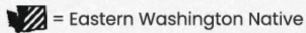


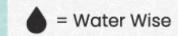
Partial Sunshine



Shade







Guidebook: SpokaneScape Plant List

SPOKA





TREES

Botanical Name Common Name	size (w x h)
Celtis occidentalis Hackberry Magnifica	50' x 50'
Catalpa spedosa Northern Catalpa	50' x 70'
Cladrastis kentukea Yellowwood	45° x 30°-50°
Eucommia ulmoides Hardy Rubber Tree	30-50° x 40-60°
Ginko biloba Maidenhair Tree	40' x 40-50'
Gleditsia triacanthos Honey locust	25-40' x 30-40'
Gymnocladus dioleus Kentucky Coffee Tree	40-50' x 60-80'
Pinus aristata Bristlecone Pine	10-15° x 8-20°
Pinus contorta Lodgepole Pine	40' x 100'
Pinus edulis Pinyon Pine	20°x 15'-50'
Pinus monticola Western White Pine	30' x100'
Pinus ponderosa Ponderosa Pine	40' x 100'
Prunus emarginata Oregon Cherry	30' x 50'
Quercus coccinea Scarlet Oak	40-50°x 100°
Quercus macrocarpa Burr Oak	60-80°x
Quercus robur English Oak	40' x 40'
Quercus rubra Northern Red Oak	75' x 75'
Sorbus aucuparia European Mountain Ash	15" x 40"
Sorbus scopulina Greene's Mountain-Ash	10' x 20'

Botanical Name Common Name	Size (w x h)	Area (SF)	Flower Color Bloom Time Needs		Attributes
Acer campestre Hedge Maple	30'x 30'	900	Yellowish Green AM	沙	₩>\$®
Acer glabrum Rocky Mtn. Maple	15' x 30'	225	Green AM	尊称	⊕ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Acer griseum Paperbark Maple	20°x 30°	400	Green/Blue AM	净	≯ †⊛
Acer tataricum Amur Maple	20°x 20°	400	Yellowish White AM	草草	₩3₹%
Amelanchier ainifolia Saskatoon Serviceberry	8'x 20'	64	White MA	净	□₩★≒毒温⑥
Amelanchier x grandifiora Autumn Brilliance Serviceberry	15' x 25'	225	Green /White AM	學奏	※ ***
Caragan a arborescens Siberian Peashrub	12 x 15°	144	Yellow Late AMJ	李 章	W#32
Cercis canadensis Eastern Redbud	25-30'x 20-30'	750	Rosy Pink AM	***	***
Cotinus coggygria Smoke Tree	15' x 10'	225	Yellow MJJ	沙	******
Crataegus columbiana Columbia Hawthorn	10-30° x	900	White MJ	中华	₩*>34
Crataegus douglasii Douglass Hawthorn	30°x 30°	900	White MJ	\$\$.	₹ ★ ★₩
Crataegus viridis Winter King	35' x 35'	1225	White M	*	** → **
Frangula purshlana Cascara Buckthom	20° x 30°	400	Green / White AMJ	⊹ ⊹.	★ ♥∡⊗
Holodiscus discolor Oceanspray	8' x 20'	25	White / Pink MJJA	***	**><300
Juniperus scopulorum Rocky Mountain Juniper	7 x 30°	49	N/A	沙	*****
Prunus virginiana Chokecherry	15' x 30'	225	White AMJ	⊹ ⊹•	①**→3\$2
Rhus glabra Smooth Sumac	15° x 15°	225	Yellow / White AMJJ	☆ ♦•	₩≯ %\$ 2 (8)
Sambuous nigra cerulea Blue Elderberry	25' x 25'	625	White AMJJ	净价	□***** 33€

CHDIIDC

SHKU	152				
Botanical Name Common Name	Size (w x h)	Area (SF)	Flower Color • Bloom Time	Light Needs	Attributes
Aronia melanocarpa Black Chokeberry	4-6'x 4-6'	36	White AMJ	沙	***
Artemisia tridentata Big Sage Brush	8'x 8'	64	Yellow JJASO	*	* ≯8≠€
Berberls aquifolium Oregon Grape	5'x 6'	25	Yellow FMAM	☆ ♦•	** ** ** ** ** ** ** **
Caryopteris species Bluebeard	Varies	Varies	Blue AS	₩	₩ * ₹30
Ceanothus sanguineus Redstem Ceanothus	8,x8,	64	White MJJ	☆ ♦•	□*** 3\$

Keystone Plant W Butterfly Food or Nesting Bee Food or Nesting Bird Habita SPOKANES CAPE | 20

SHRUBS

Botanical Name Common Name	Size (w x h)	Area (SF)	Flower Color • Bloom Time	Lig
Spiraea betuilfolia Birch Leaf Spirea	3, x 3,	9	White MJ Repeat AS	草
Symphoricarpos albus Snowberry	5' x 5'	25	White / Pink	尊
Syringa vulgaris Common Lliac	7 x 9'	49	Purple/White AMJ	T,
Viburnum rhytidophylium Leatherleaf Viburnum	9'x 11'	100	White AM	*

		100		
Arctostaphylos uva-ursi Kinnikinnick	3'x 1'	9	Pink / White AMJJ	净 章
Artemisia dracunculus 'sativa' Prench Tarragon	2 x 2'	4	White N/A	*
Asarum caudatum Wild Ginger	.5' x 1.5'	2.25	Burgundy / Brown AMJJ	4
Berberis repens Creeping Oregon Grape	3'x 1'	9	Yellow AM	i (i
Cotoneaster dammerl Bearberry Cotoneaster	10°x 1.5°	100	White MJ	草
Delosperma var. Hardy I ce Plant	1.5°x 1-3°	2.25	Purple / Red JJ AS	÷
Epimedium spp. Barrenwort	1'x1'	1	Varies JJA	4
Erlogonum niveum Snow Buckwheat	2'x 2'	4	White to Pink JJAS	- ¢
Erlogonum strictum Strict Buckwheat	1'x1'	2	White to Pink / Yellow MJJ	
Erlogonum umbellatum Sulfur Flower Buckwheat	1.5° x .5°	3	Yellow MJJAS	4
Euonymus fortunel var Winter Creeper	3'x1'	9	Inconspicuous N/A	*
Fragaria vesca Wii d Woodland Strawberry	1'x.5'	1	White AMJJA	4
Fragaria virginiana Wild Strawberry	1.5° x .5°	3	White MJJ	章
Gallum odoratum Sweet Woodruff	1'x1'	1	White AMJJ	4
Genista iydia Lydian Broom	2'x1'	4	Yellow	章
Hypericum calycinum St. John's Wort	2×1	4	Bright Yellow JAS	4
Juniperus horizontalis Juniper	6'x.5'	Varies	Inconspicuous N/A	

Keystone Plant W Butterfly Food or Nesting SPOKANESCAPE | 22

GROUNDCOVER PERENNIALS

Common Name	(w x h)	(SF)	+ Bloom Time	Light Needs	
Urlope species Lilyturf	Varies	Varies	Lavender to White AS	**	
Pachysandra termanalis Pachysandra	15' x .75'	2.25	White MA	*•	
Paxistima canbyl Canby's Mountain Lover	4°xr	8	Green AM	**	
Phiox diffusa Spreading Phiox	1.5' x .5'	3	Light Purple / White / Pink AMJJ	₽	
Phlox subalata Creeping Phlox	3 x.5	9	Pink / Purple AMJ	**	
Salvia dorrii Purple Sage	3 x 3	9	Deep Blue AMJ	禁	10
Sedum species Sedum or Stonecrop	Varles	Varles	Pink / White AM or JJA	**	
Sempervivum species Hens & Chicks	1'x 1-6"	1	Yellow / Pink / White AM or JJA	**	

1'x 1-6" DEDENIMIALS

Rotanical Name	Size	Area	Flower Color	Light	
Common Name	(wxh)	(SF)	• Bloom Time	Needs	
Achillea millefollum Yarrow	L×3	1	White JJAS	⊹ ¢•	
Agastache foeniculum Ani se Hyssop	3 x 4	9	Lavender JJAS	⊹ ¢•	
Agastache rupestris Hummingbird Mint	2 x 2	4	Orange / Purple JASO	**	7
Allium cernuum Nodding Onion	fxf	-1	Purple MJJ	**	
Allium species Ornamental Allium	Varies	Varies	Large Variety of Colors AM	**	
Anaphalis margaritacea Pearly Everlasting	2 x 3	4	Yellow / White JJAS	**	7
Artemisia frigida Fringed Sage	1.5' x 1.5'	2.25	White / Yellow JAS	草	
Artemisia ludoviciana Silver Sage	3 x 3	9	White / Yellow JJASO	‡	
As deplas fascicularis Narrowleaf Millsweed	f x 2.5	1	Lavender JJAS	草	
As clepias speciosa Showy Milkweed	15'x 3'	2.25	Pink MJJAS	草	1
Asclepias tuberosa Orange Milkweed	2'xf	4	Orange MJJA	草	
Aster species Aster	1-4'x 1-6'	24	Varies ASO	***	
Astilbe chinensis Chinese Astilbe	2×2	4	Purple / Pink JA	*•	
Begonia Grandis Hardy Begonia	2×2	4	Pink / Redi JA	*•	
Bergenia Cordifolia Heartleaf Bergenia	2×2	4	Pink AM	*•	

Berries # Fall Color Winter Interest

_								
ı	Botanica i Name Common Name	size (w x h)		Flower Color • Bloom Time	Light Needs	Attributes	Characteristics	origin
1	Tricyrtis formo sana. Toadiliy	2	4	White / Purple / Red JA or SO	*•	***	Speckled blooms of pink, rose, or burgundy. Very unique shade loving perennials.	٠
	Veronica umbrosa "Georgia" Creeping Veronica	2 x.5	4	Blue	**	**	Bright blue flowers with white eye. Makes a great 6" high groundcover.	٠

GRASSES

Botanical Name Common Name	(w x h)	Area (SF)	Flower Color • Bloom Time	Light Needs	Attributes	Characteristics	origin
Achnatherum hymenoides Indian Ricegrass	l'x l'	1	Yellow JJAS	草	₩>	Fluffy seed heads resemble baby's breath. Thrives in the driest of dry places. Wild behavior - will move around and seed where it wants to, but not invasive.	1/2
Calamagrostis acutifiora Karl Foerster Feather Reed Grass	3° x 6°	9	Ye llow MJJA	**	≯ \$*€	Plant in mass groupings or as a specimen plant. Excellent vertical accent for borders or narrow spaces. Seedheads add nice fall/winter color.	٠
Calamagrostis rubescens Pinegrass	Varies x	2	Yellow MJJ	(:•	**	Sod former. Bright, shiny green.	Sin
Elymus cinereus Great Basin Wildrye	3'x 5'	9	Yellow	冷 你	***	Very large bunchgrass with seed heads that are large and attractive for many months.	胁
Elymus elymoides Squirrel Tail	1'x 2'	1	Yellow MJJA	**	**	Long, bushy seed heads look like a bottle brush. Bunch grass.	Sp.
Elymus glaucus Blue Wildrye	1'x 4'	1	Yellow JJA	***	**20	Among the tallest of the native grasses. Drooping habit. Blue- grey foliage. Bunch grass.	\$
Festuca glauca Blue Fescue	1' x .5'	1	Green JJ	京	***	Tufted mound of bluish-green grass. Keeps color throughout winter. Nice as rock garden or edging plant.	٠
Festuca idahoenis Idaho Fescue	1'x 2'	1	Yellow JJA	***	***	Hair-like, blue-grey, dense leaves. Lovely mixed with perennials. Stays green through winter. Easy to start.	Sh
Hakonechioa macra Japanese Forest Grass	2' x 2"	4	Green / Yellow JA	☆ ♦•	•	Pest and disease free. Low maintenance.	٠
Helictotrichon sempervirens Blue Oat Grass	2' x 3'	4	Yellow JJA	学	***	Blue Oat Grass is at home in desert gardens as well as in the traditional perennial border. Plant beside landscape boulders, in rock gardens or at the edges of natural pools.	•
Koeleria macrantha Prairie Junegrass	1'x 2'	1	Yellow MJJ	**	****	Pluming seed head which sways in wind. Suitable in wildflower meadow/mixed with perennials.	Sp.
Miscanthus sinensis Malden Grass	5' x 5'	25	White / Pink / Red JAS	中	≯ €	Graceful form provides interest even into winter.	٠
Panicum virgatum Shenandoah Switchgrass	5'x 5'	25	Green SO	***	****	Semi-upright bunch grass with airy flowers that create a hazy effect from later summer into fall.	1/2
Pseudoroegneria spicatum Bluebunch Wheatgrass	atum 3'x 3' 9 Yellow AJA Blue-g		Blue-green follage. Likes warm, dry, sunny slopes. Low maintenance.	貐			
Schizachyrium scoparium Little Bluestem	1.5' x 2'	2.25	White / Green JAS	**	≯ \$*€	Blue-green leaves during the growing season and attractive rusty color with white fluffy seed heads in the fall, great fall/winter color.	W.

Berries & Fall Color B Winter Interest

Deer Resistant Plant 🔊 Fire-Wise Plant

A special thanks to...

The Washington Native Plant Society, Honeyside Bee Co-Op of Spokane, and The WSU Master Gardeners for contributing their time and expertise to the cultivating of this plant list.







SPOKANESCAPE | 27



Cathy's Keystone Combos



Fireworks

Goldenrod

Daisy

Switchgrass

Buckwheat











Meddow Mix

Milkweed Coneflower Coreopsis









Meddow Mix





Native Shrubs

Oregon Grape Holly



Snowberries





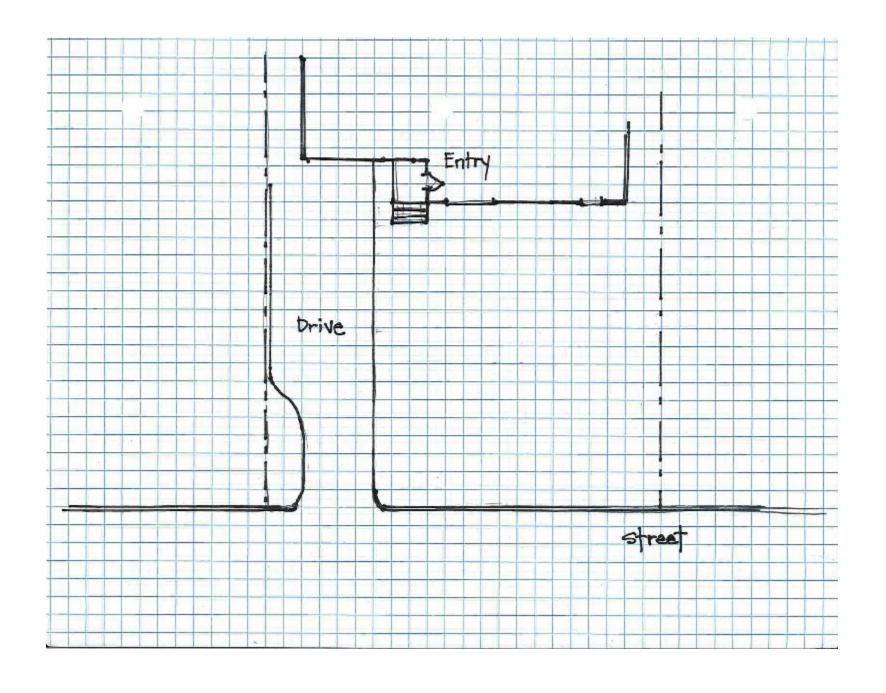
Native Shrubs

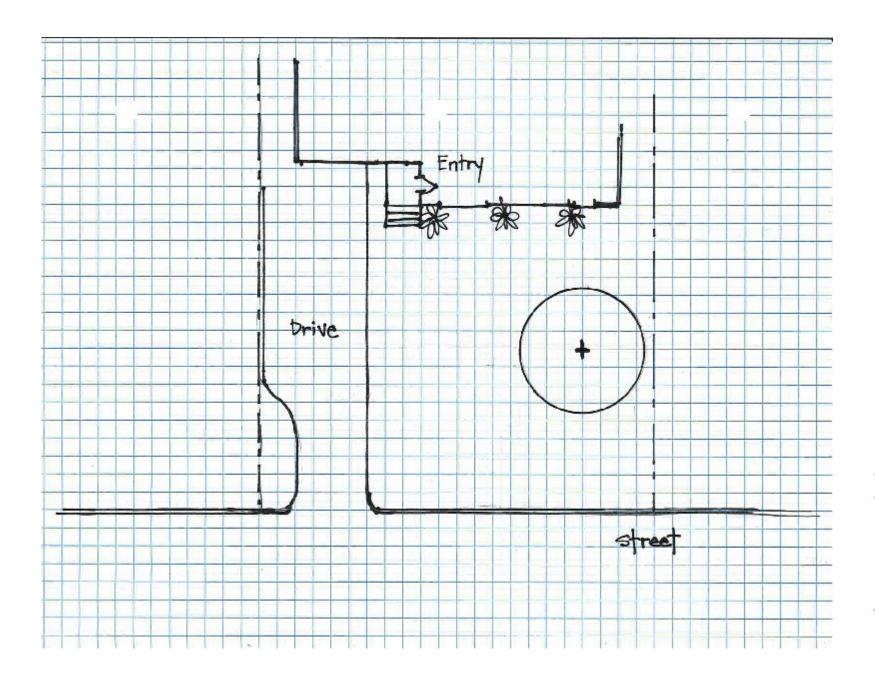


Now that we have picked our plants...



START WITH YOUR BASE PLAN







ADD IN YOUR EXISTING VEGETATION

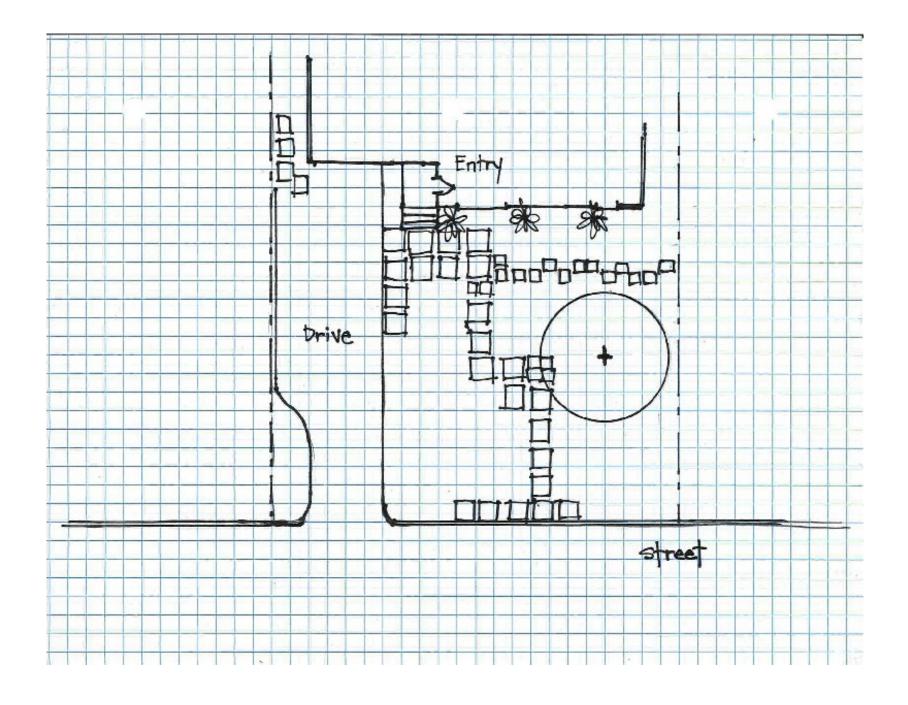


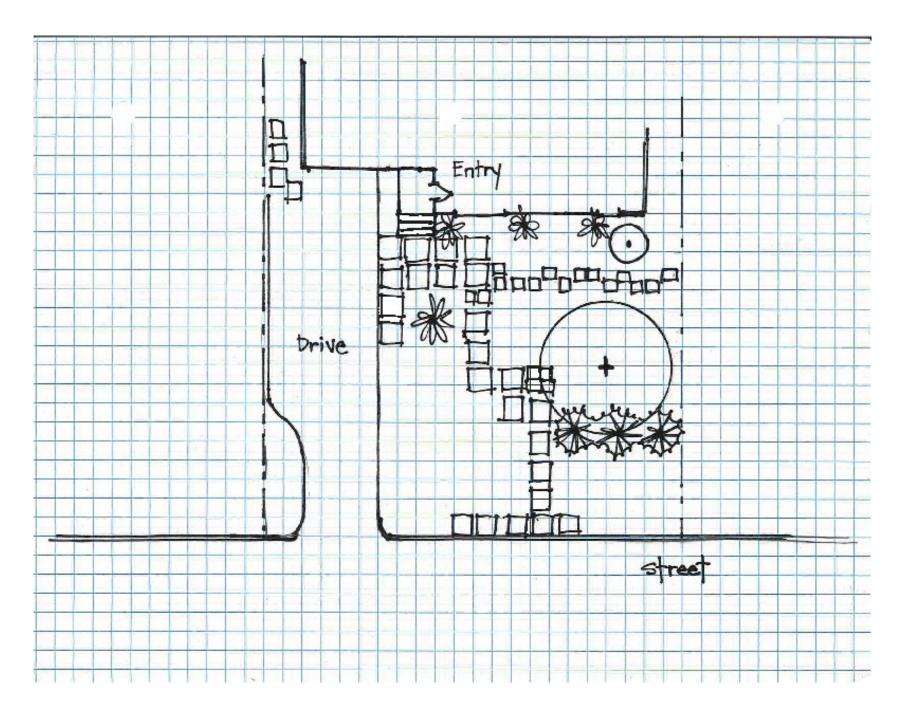


HARDSCAPES

Hardscape refers to the non-living elements in landscaping, such as a wooden arbor, a stone wall, or a brick patio.

HARD SCAPE



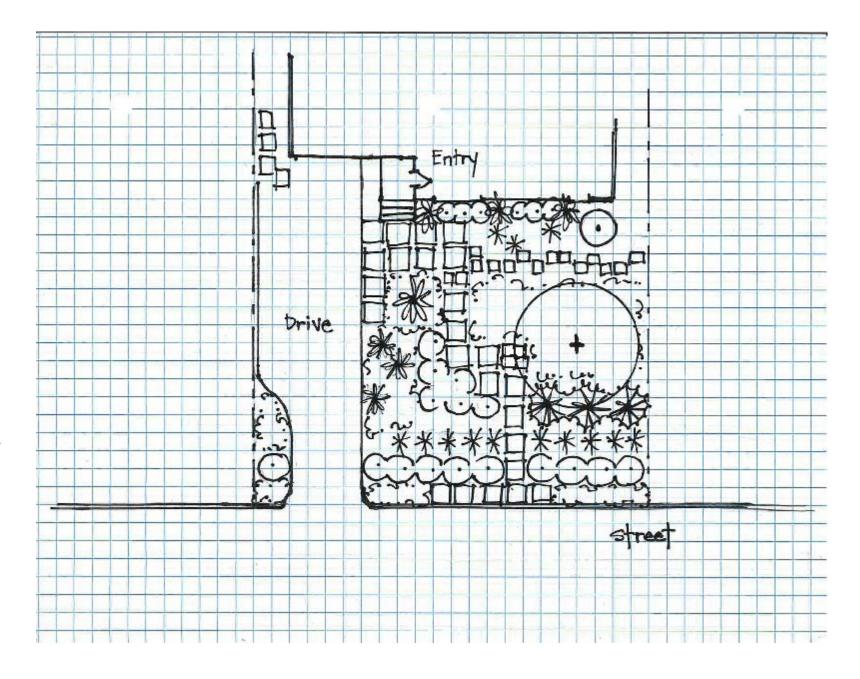


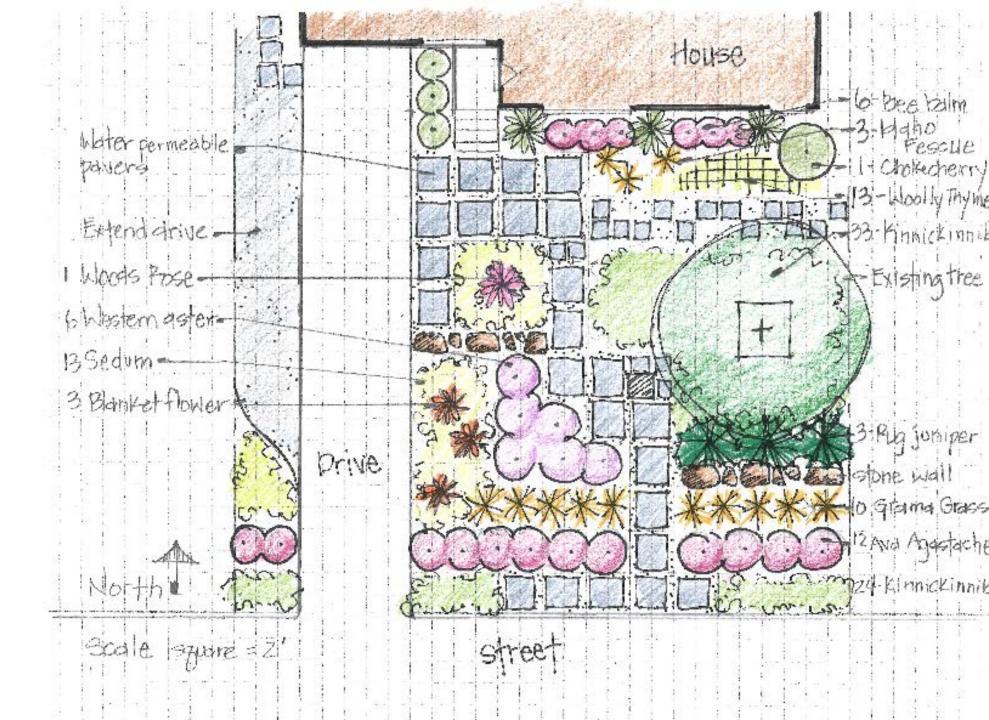


ADD IN YOUR **NEW** TREES, SHRUBS, **AND EVERGREENS**



ADD IN YOUR PERENNIALS, GRASSES, AND GROUNDCOVERS







TIME
TO
LABEL
YOUR
PLANTS!

DIRECTIONS: Use the following chart to calculate your plant coverage.

A. Total lawn area in square feet (sf) to be converted to a SpokaneScape: 840

B. Your SpokaneScape must have at least 50% plant coverage at maturity, to figure this area divide **A**. by 2: 420

All plants must be drought tolerant- see the SpokaneScape Guidebook for pre-approved plants. If the chosen plant is not listed, please provide the source which indicated it is drought tolerant in our USDA growing zone 6. Plant area can also be found in Guidebook.

*DO NOT INCLUDE MULCH AREAS OR EXISTING PLANTS IN THE CALCULATOR

PLANT NAME	PLANT IS ON PRE- APPROVED LIST OR DROUGHT TOLERANT	QTY	PLANT WIDTH (ft)	PLANT AREA (Width x Width) (wxw=sf)	TOTAL PLANT AREA (PLANT AREA x QTY)
Ex: Yarrow	YES	5	3	3x3=9 sf	5x9=45 sf
Red Flowering Currant	Yes	1	6	16	16
Blue Fescue	Yes	3	1.5	2.25	6.75
Blue Oat Grass	Yes	3	2	4	12
Switch Grass	Yes	1	5	25	25
Idaho Fescue	Yes	5	1.5	2.25	11.25
Potentilla	Yes	3	3	9	27
Little Bluestem	Yes	3	1.5	2.25	6.75
Maiden Grass	Yes	4	5	25	100
Lavender	Yes	3	3	6	18
Autumn Joy Sedum	Yes	5	2	4	20
California Poppy	Yes	5	1.5	2.25	11.25
Stella de Oro Day Lily	Yes	14	1	1	14
Christmas Fern	Yes	12	5	15	180

TIME TO GET SPOKANESCAPED!

