

## ROOTS

- Support-garden's roots support biodiversity in the soil as well as healthy plants that support humans and wildlife.

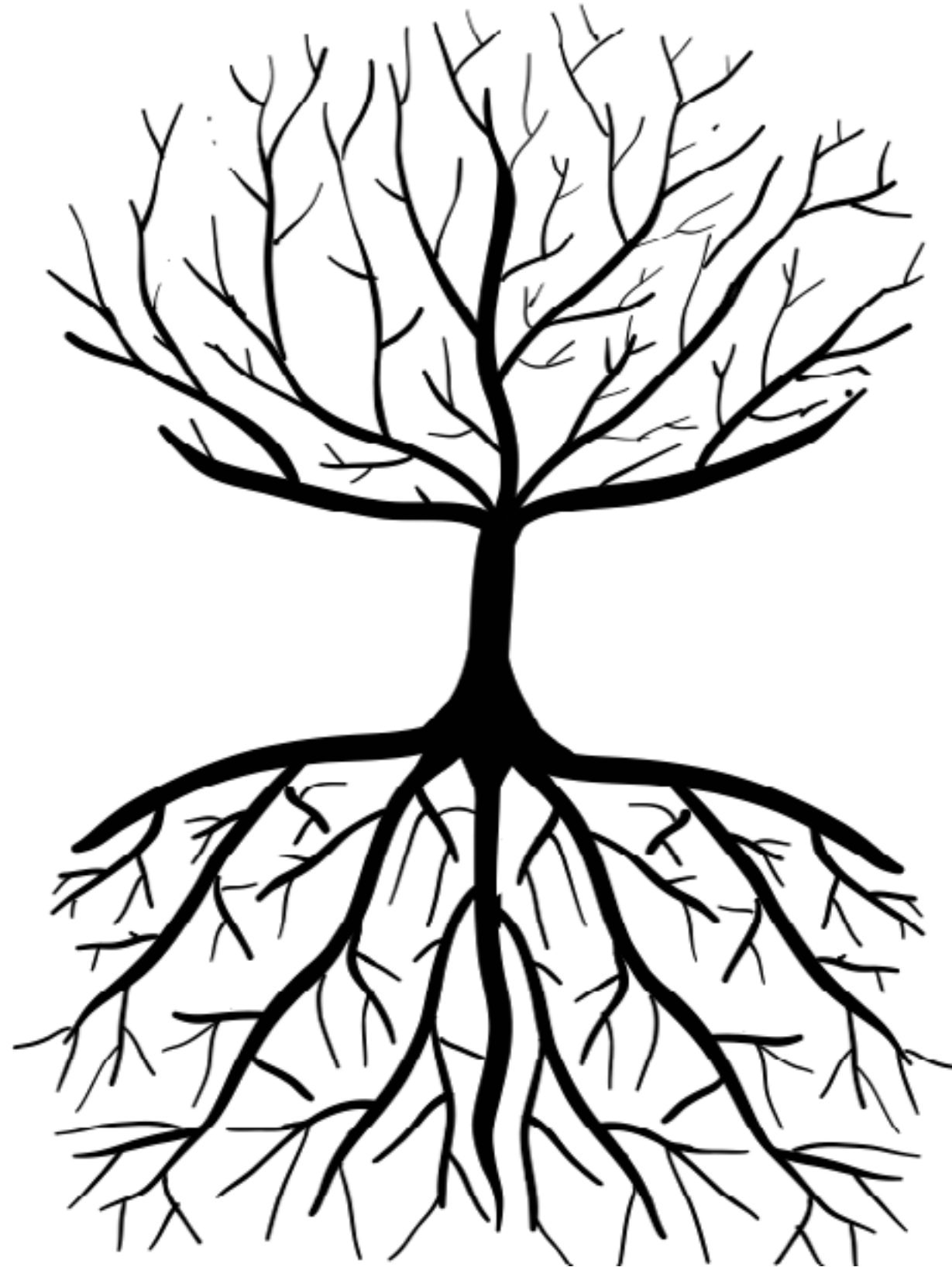
- Connection-roots connect with each other and form a vast communication and transportation network within their communities. This space will connect humans with nature, as well as each other.

- The roots the family is setting down with their welcoming green/multi color space will make this the place everyone wants to go and emulate.

- While families grow and move, their roots keep them anchored to their past, present, and future.

- Native and/or generalist lants strewn throughout the garden increase not only biodiversity above the soil, but the roots below interact with each other to maintain a healthy and sustainable network of biodiversity. All plants within the space will benefit from the water and nutrient flow.

“Forever home” is the perfect blank canvas to sest down roots early.



# ***Growing ROOTS***

Family is 35 year old couple with a very inquisitive 8 year old daughter and dachshund (both inquisitive.) Working professionals with hybrid schedules, but mostly work from home. They want this to be their “forever home,” to set down ROOTS. They they are both close to their relatively large families and are also very social and like to entertain. They both have family who live nearby, who also have kids. The homeowners are avid hikers and campers. They are also climate forward thinking, and have read Doug Tallamy’s works. They know the importance of native habitat, but also want the space to grow some of their own food and teach their daughter about sustainability. They want this to be a stop of the Theodore Payne Native Plant Garden Tour



“Nature is more depth than surface, the colors are the expressions on the surface of this depth; they rise up from the roots of the world.”  
-Paul Cezanne



## LAYING THE GROUNDWORK

It is imperative to have the soil ready for its new tenants. These plants were bred to live in soil that was already inhabited by their ancestors and communities. That includes the community of mycorrhizal fungi and decaying native plant material. Unfortunately, this soil has been almost depleted of both. To encourage this community and to loosen the soil, I recommend sheet mulching with gypsum, cardboard, and untreated/non dyed organic mulch. Spread gypsum generously throughout the grounds, then add a layer of cardboard with edges overlapping by 4 inches. Saturate the cardboard with water, and add 3-4 inches of mulch. Saturate the mulch. Water by hand or with rotary sprinklers for 3-6 months, once a week or when the mulch dries out. Do not allow the cardboard to dry out. Before spreading the mulch, you can spread annual wildflower seeds. These will help to loosen the soil and encourage the soil community. If time is a factor, you may cut holes in the cardboard the appropriate size for planting (see planting guide.)

Weed management is possible if you put the work in up front. I cannot stress the importance of mulch and annuals in the beginning. Instant weed mitigation. The mulch will keep most weeds at bay, but you need to pull weeds early. It's a give and give. The plants will do their jobs, but you need to help them get there. Once the native plants grow in, the mycorrhizal network in the soil will also help to keep them suppress them, though you may have to pull an invasive up here and there. Replenish the mulch. Leave bare soil for ground dwelling bees and wasps. A great place is the north side of a boulder or large rock. Which incidentally, is the perfect place for lizards to stay cool during the midday sun.



## GENERAL MAINTANANCE

Chop and drop. Use clippings for mulch. The microbiome in the soil thrives off of organic material of the plant community that is hosting them. Leave the leaves! Sweep leaf droppings off of paths and towards the plants. For larger leaves you may grind down, but leave enough larger pieces in undisturbed areas for hibernating insects.

Unless otherwise noted: trim fast growing shrubs back by 1/3 in June to lighten summer load. Unless listed as “summer dormant,” many of these plants thrive in summer heat. Salvias, Monardellas, and Cleomella arborea are just a few.

small and medium shrubs prune in autumn. For a tidying appearance, you may trim back some dried flower stocks, but please leave a few for native bees to hibernate, and for birds who prefer to eat from the stalk. You may otherwise remove dried stalks in the beginning of spring. For trees, wait to prune until after nesting season, in the fall.

Some of these plants have formed a relationship with fire and grow better and healthier for it. Some can only propagate by fire, such as *Arctostaphylos* sp. I cannot recommend prescribed burns done by anyone who is not deeply trained in the practice.

For a safer form of fire management in lieu of prescribed burns I recommend the following: prune as necessary to increase air flow and to control size. Remove old/dying branches. Use as mulch around habitat (unless diseased or pest infested), reserving some larger pieces to dry. Burn dried plant material in a large brazier on a cool, calm day. Wait at least a week for the ashes to fully cool, and spread burned plant material throughout the plant community you obtained it from before watering.

For powdery mildew, take molasses and water and spray it on the foliage to encourage beneficial bacteria and fungi to eat the mildew. Spray late in the afternoon.

## GENERAL IRRIGATION

I recommend to irrigate by hand. There's nothing California Native Plants love more than the feel of rain. Plus, there's nothing like bonding with your habitat as being a part of its success. For larger trees and shrubs, a soaker hose or drip system may be installed. If, for some reason you are unable to water by hand, then a rotary or microspray sprinkler system may be installed on shrubs. For all plants water deeply but infrequently. During summer months, 1-2x per month max after establishment. During wet years you may be able to get by on summer dry conditions. During dry winters, water every 2-4 weeks, tapering off around March or April. Do not water when the weather is supposed to be over 85 degrees F, or your plants run the risk of fungal disease. During high wind events, increase irrigation.

For Edibles with moderate water needs, I recommend drip irrigation.

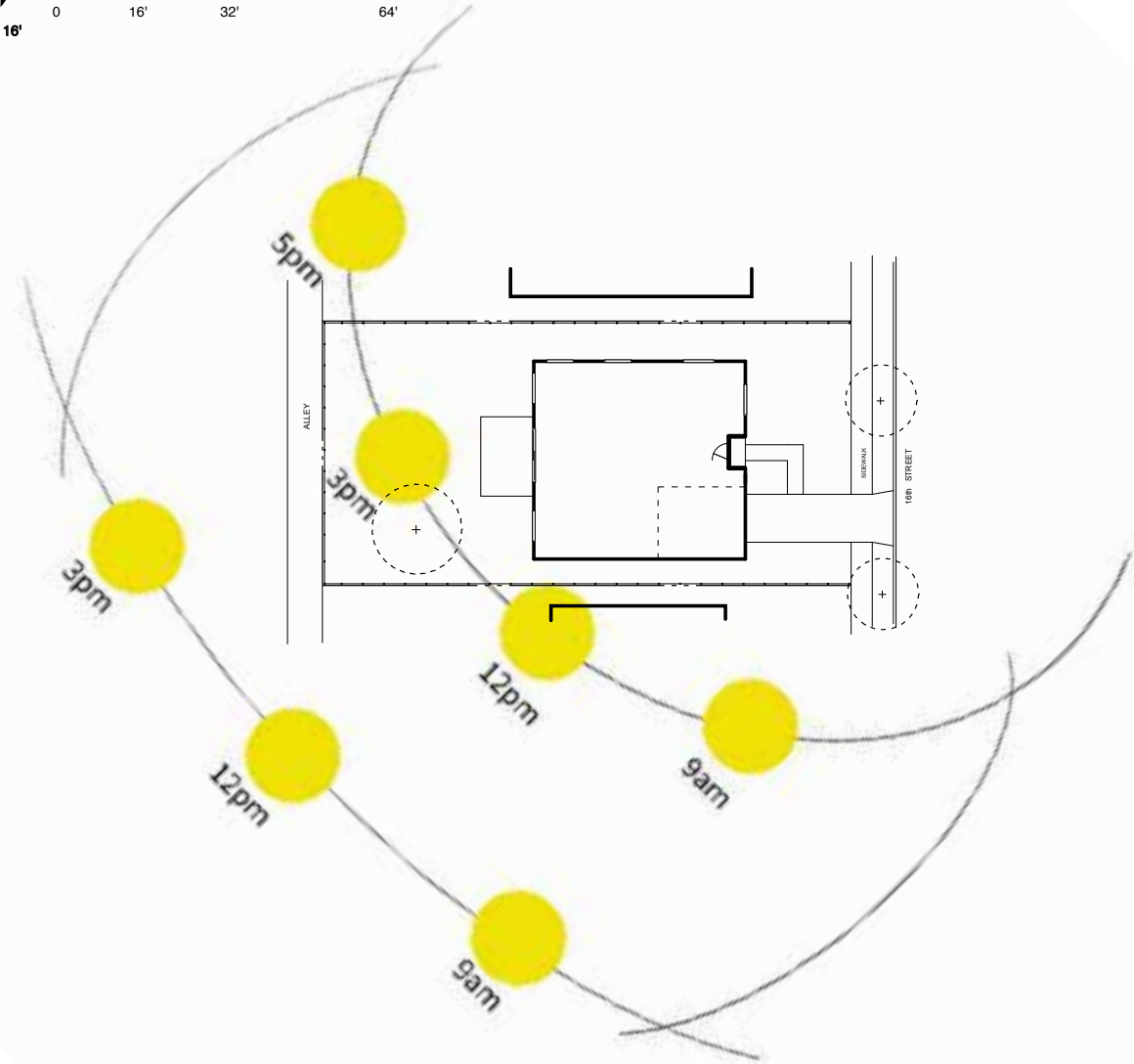
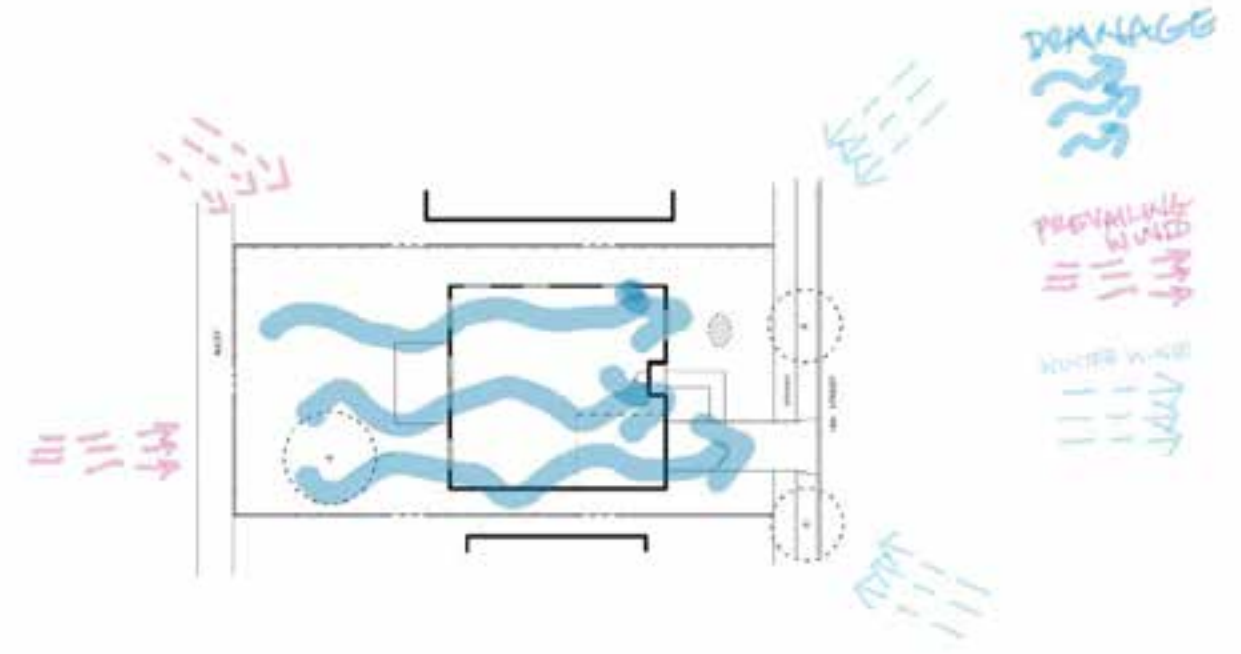


**A note about pests:** what are pests to humans, are food for other creatures. Some wasps lay their eggs inside aphids and other insects for the larvae to eat. Others kill or paralyze their “larva food” and place it outside of their eggs, which are typically in the ground but sometimes in a self-made paper nest. Lacewing, Hover Fly and Lady Beetle larvae have a voracious appetite for aphids, mealy bugs, mites, and other small insects, as well as eggs (Lady Beetles.) Lady Beetles adults will also feed on a list of “pest” insects, but they also eat pollen, and thus are pollinators as well, as are wasps. As long as the “problem” insect population staysd references low, I recommend NO TREATMENT.

# SITE INVENTORY

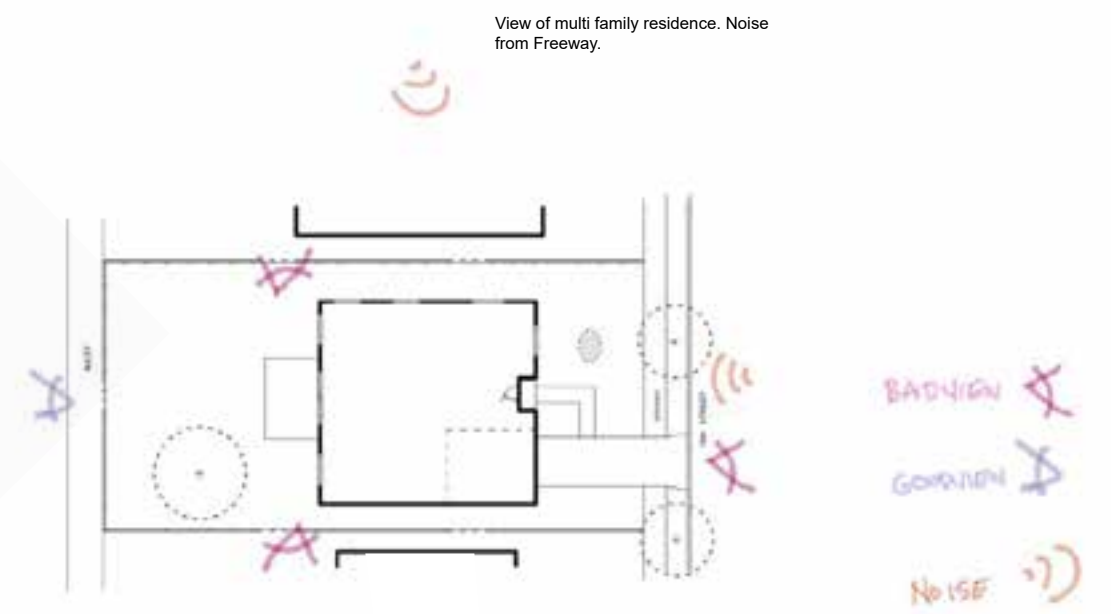


SLOPE: 1%  
SUNSET ZONE 24



- CONTEXT:
- Mixed use residential.
  - Some industrial/commercial
  - Close to 10 freeway
  - Santa Monica City College and Santa Monica Swim Center

View of Cemetery. Quiet.

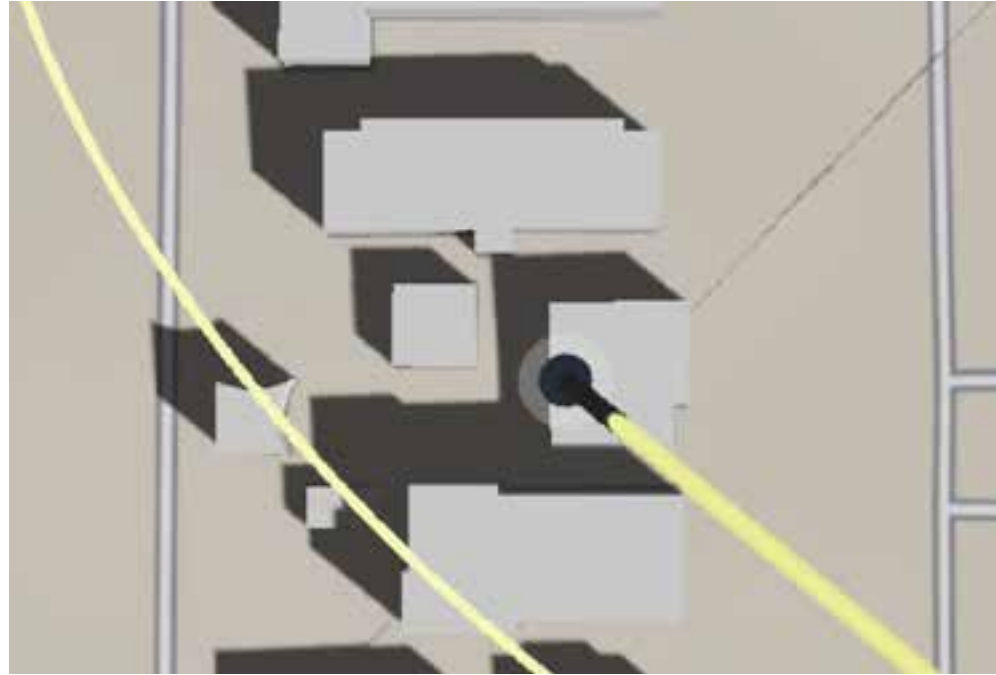


View of multi family residence. Noise from 16th street.

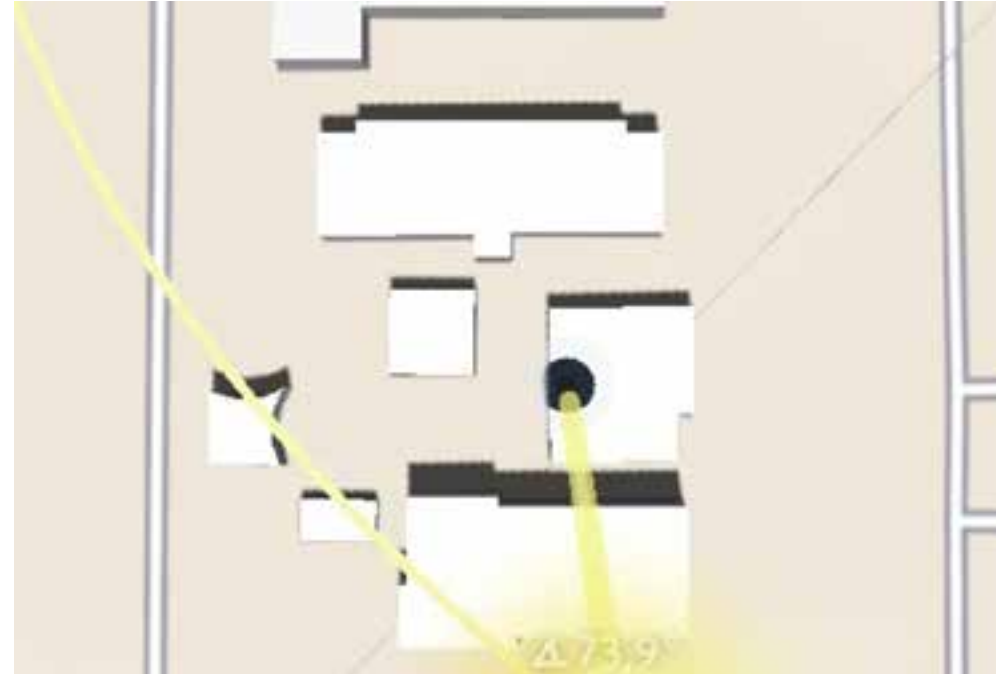
# SHADOW STUDY

## SUMMER

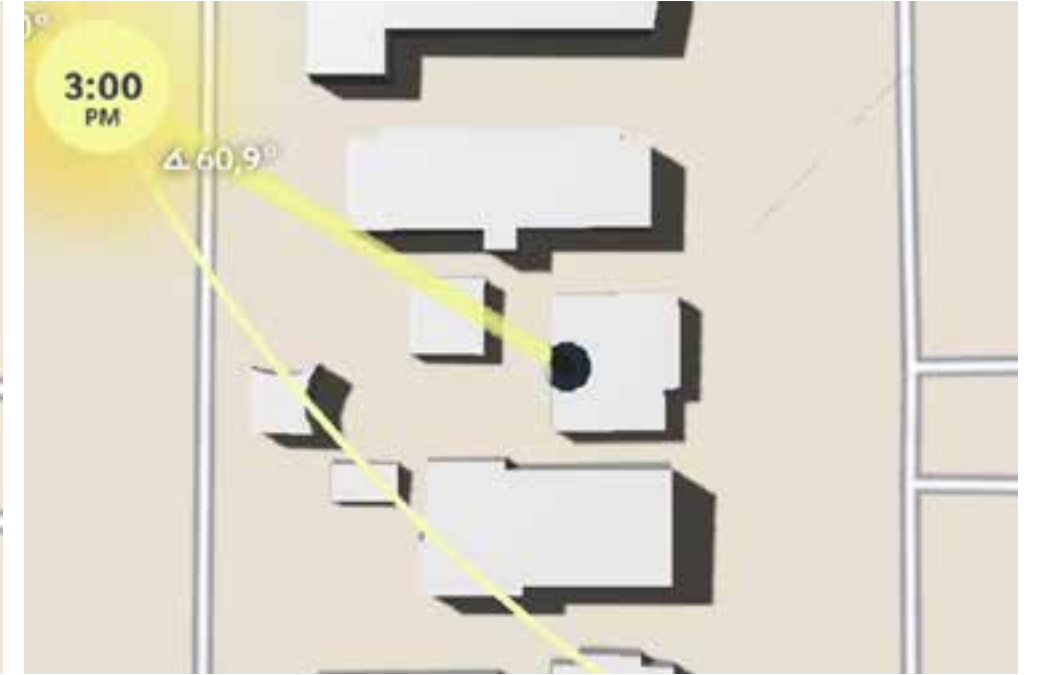
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12:00PM



3:00PM



## WINTER

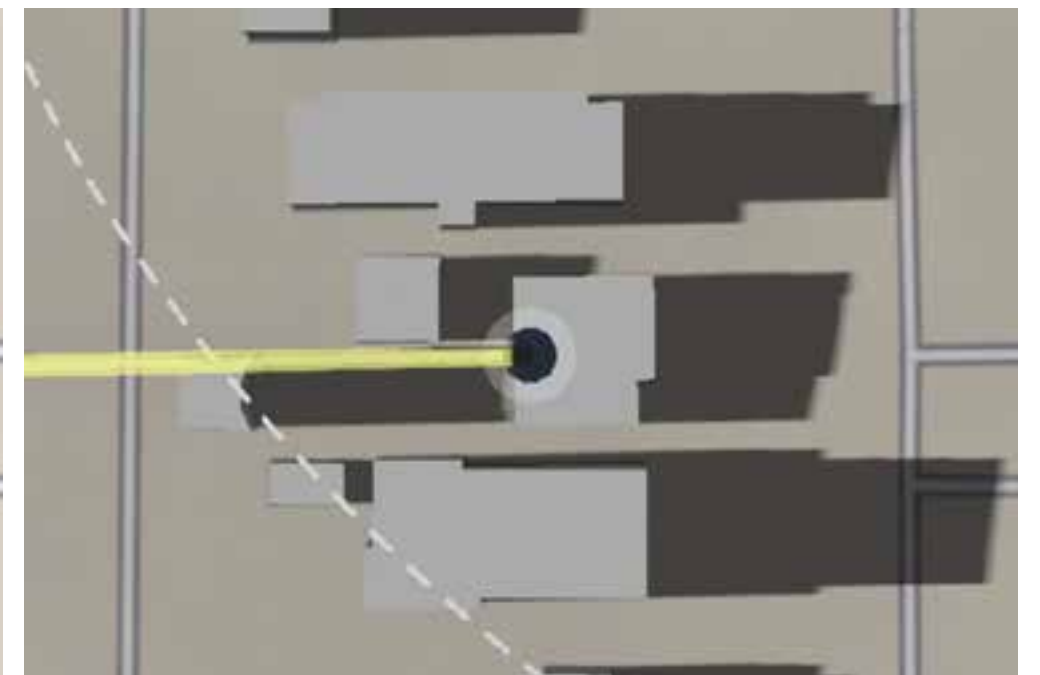
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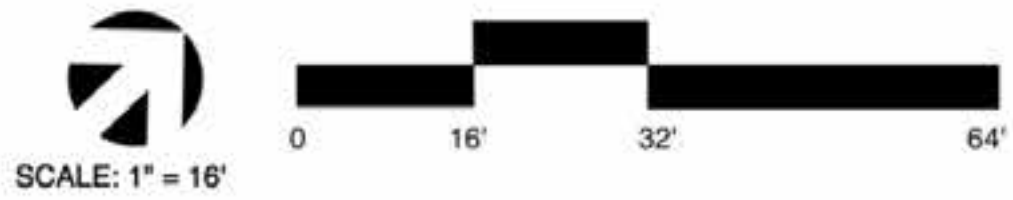
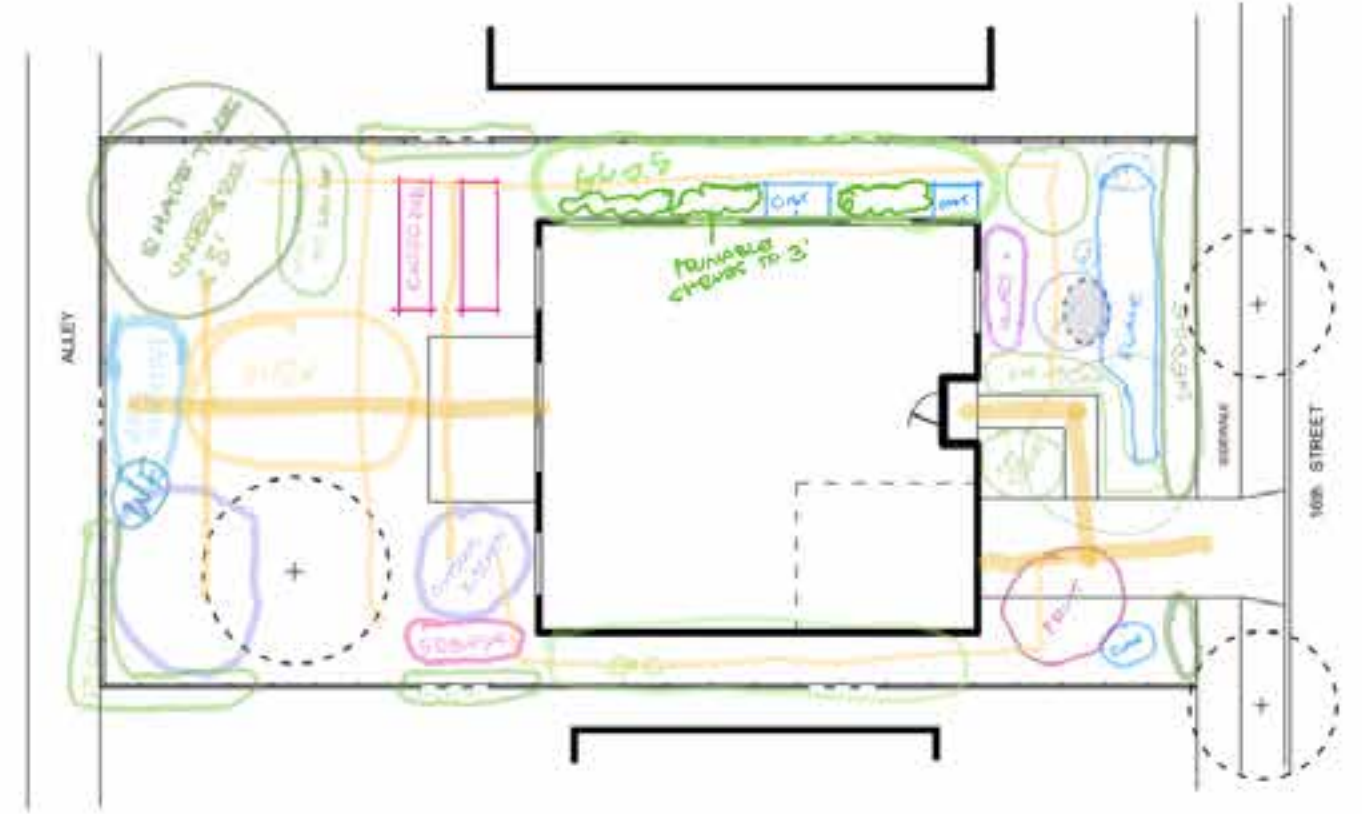
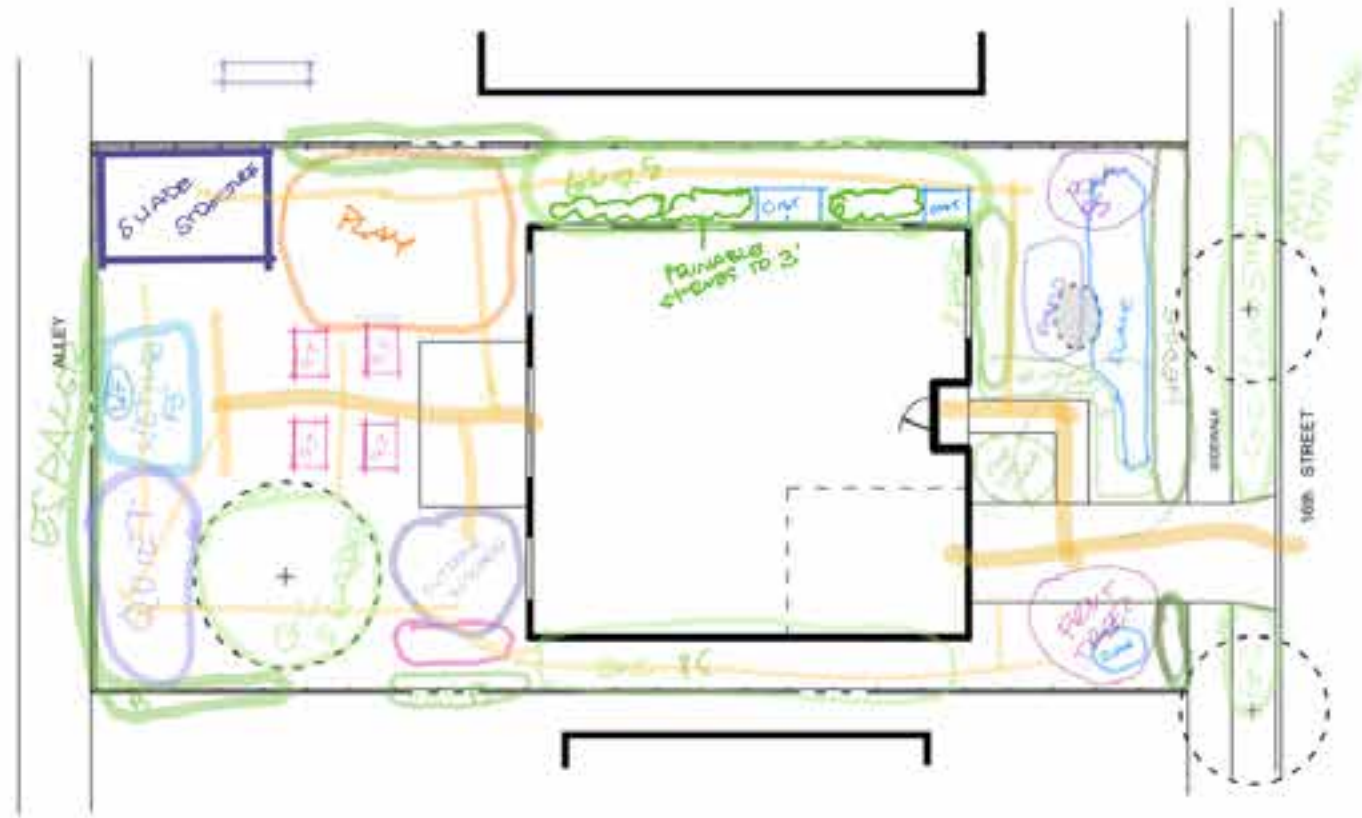
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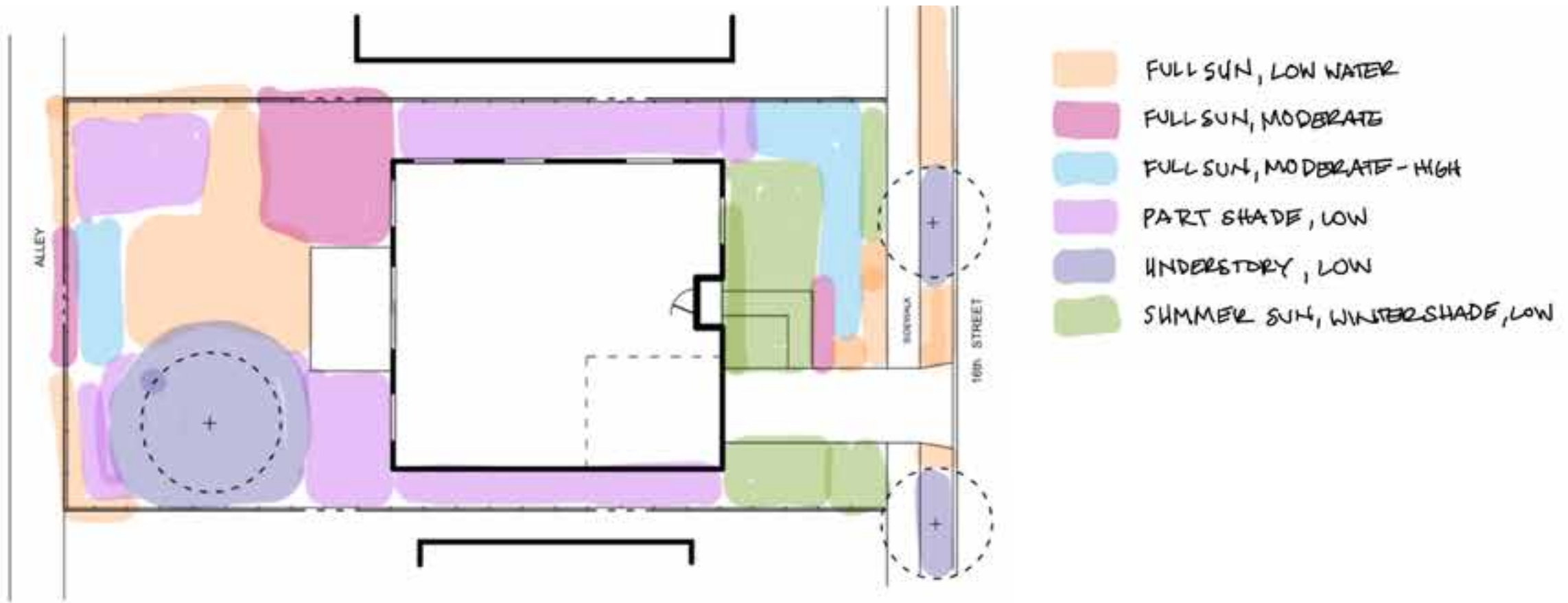
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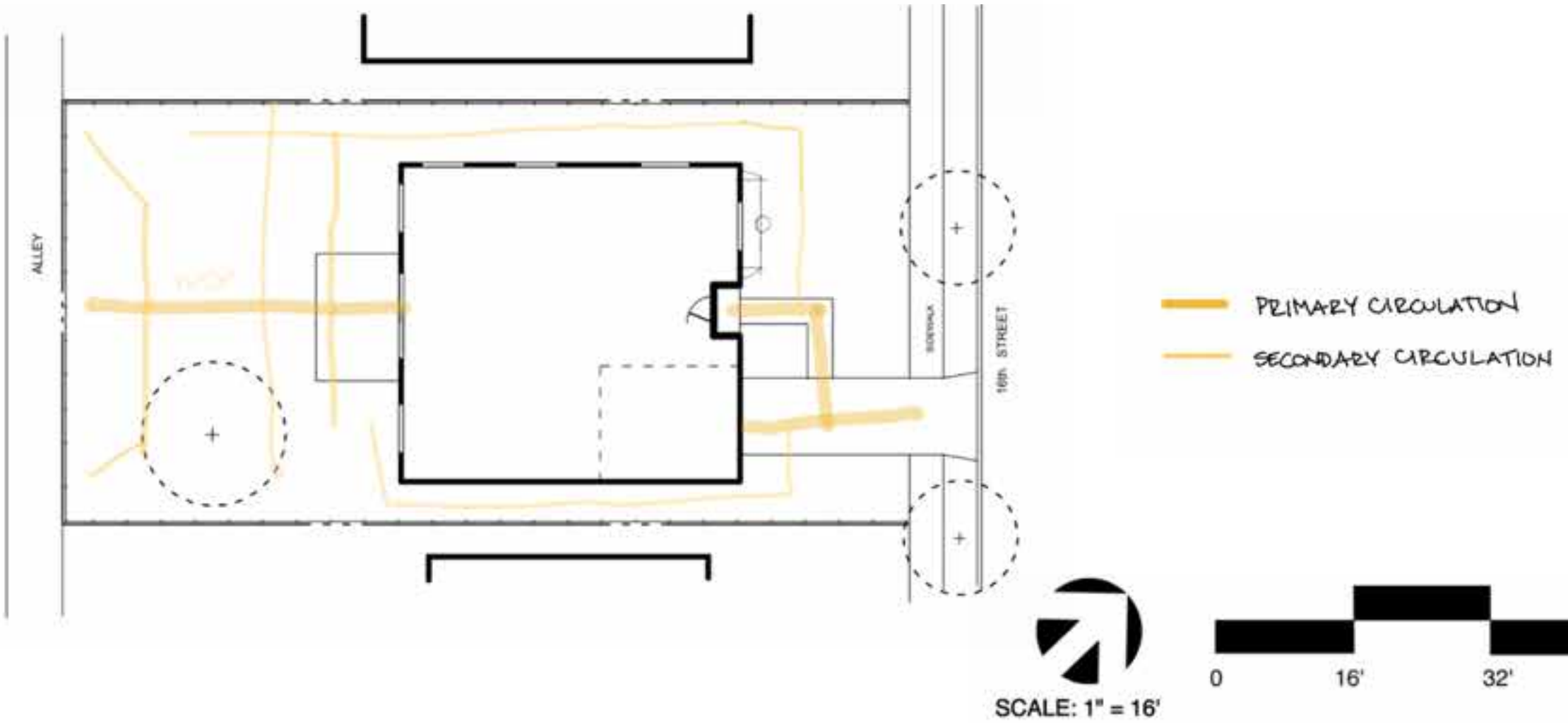
CONCEPT BUBBLE DIAGRAMS

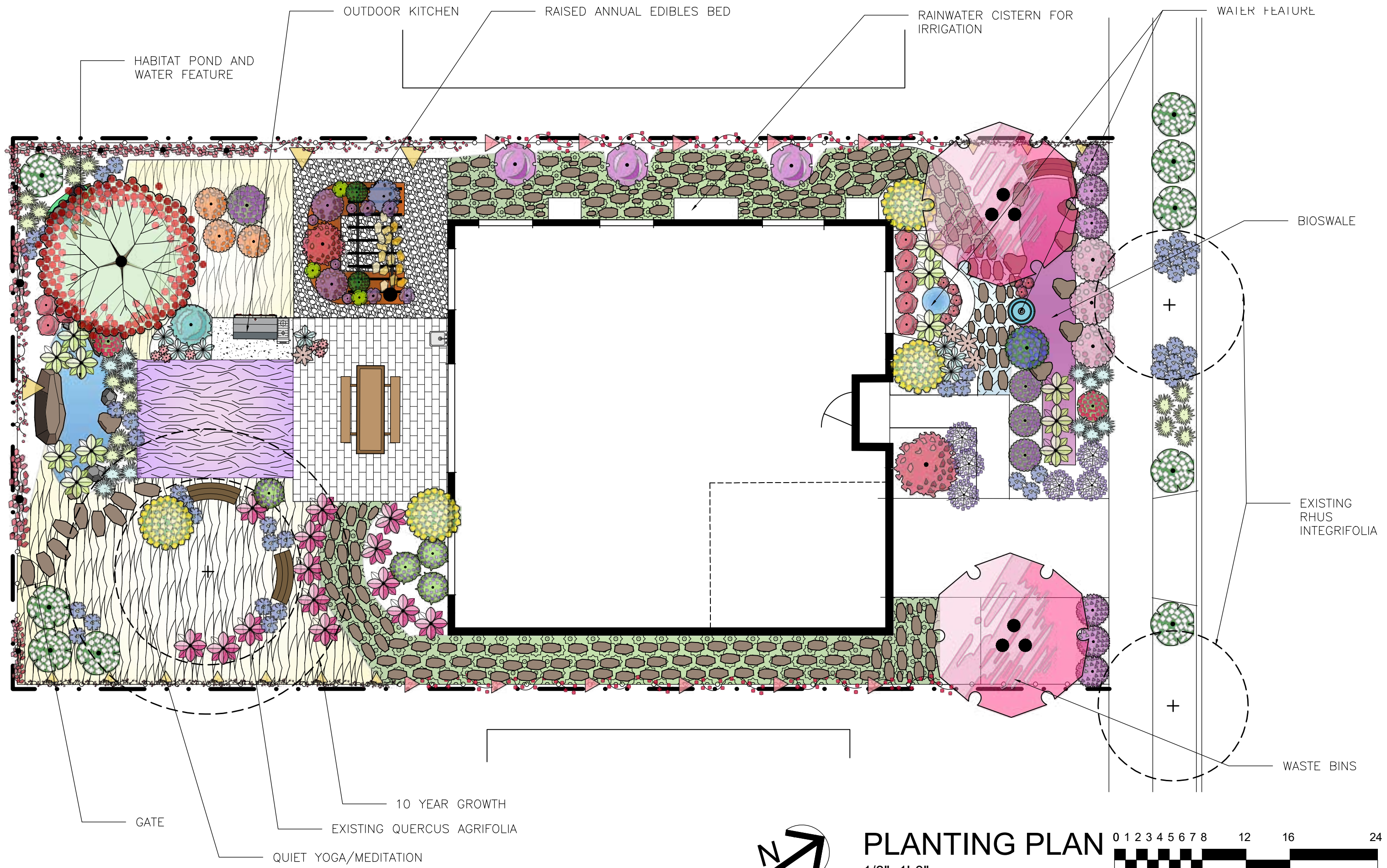


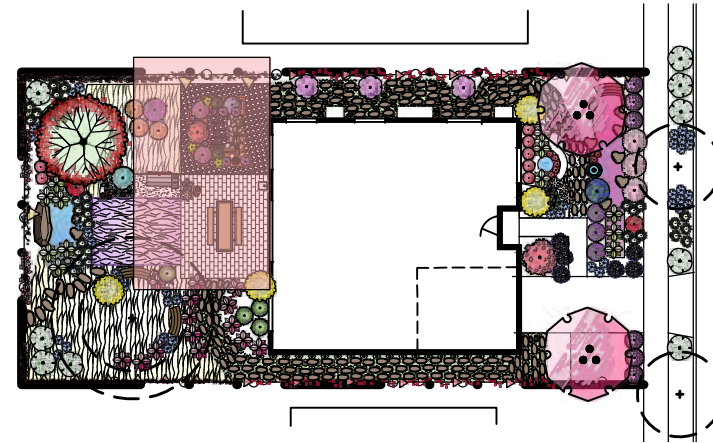
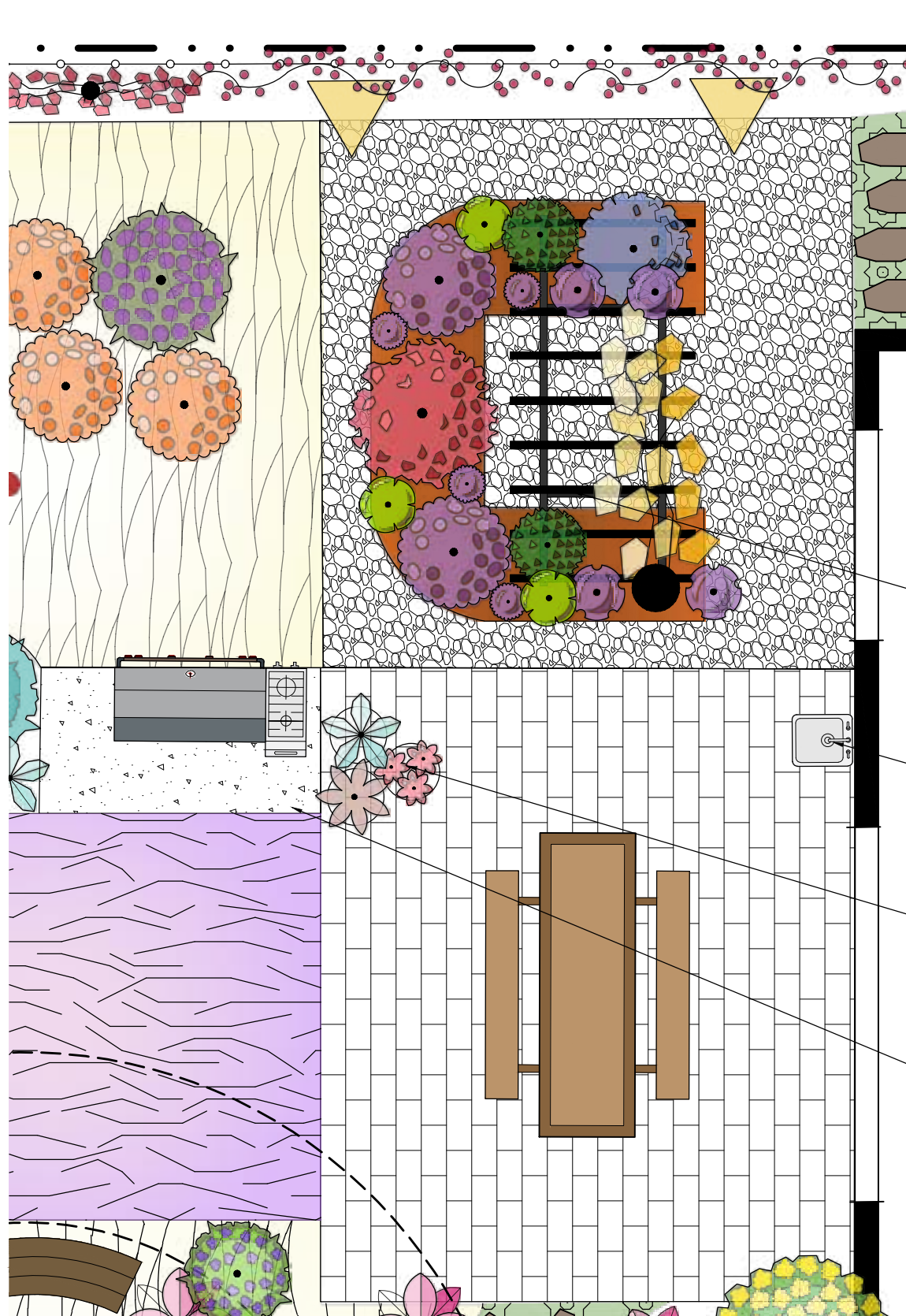
# HYDROZONES



# CIRCULATION







KEY MAP  
NTS

PERGOLA FOR CLIMBING EDIBLES.

SINK

POTTED SUCCULENTS

OUTDOOR KITCHEN

PLANT SCHEDULE KITCHEN GARDEN

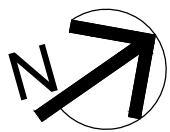
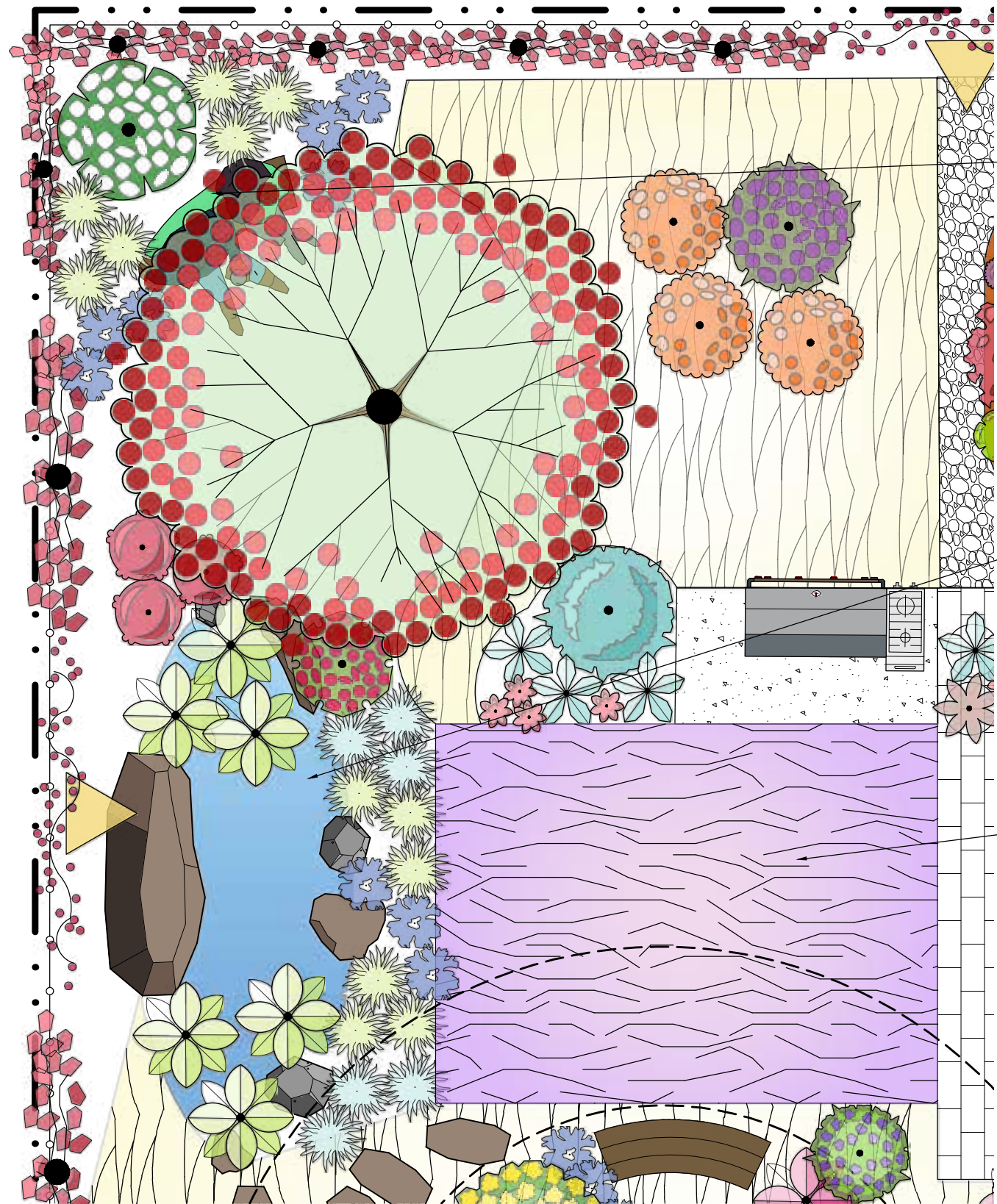
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	WOCULS	QTY
<b>FRUITING SHRUBS</b>						
	PRJ AU5	<i>Prunus persica</i> August Pride / August Pride Peach	5 gal.	Pot	MODERATE	2
<b>HERBS</b>						
	LAV CRE	<i>Lavandula dentata</i> Goodwin Creek Grey / Goodwin Creek Grey Lavender	4"	Pot	LOW	1
<b>SEASONAL FRUITS AND VEGGIES</b>						
	CAP BPL	<i>Capsicum annuum</i> Poblano / Poblano Pepper	Seed			2
		<i>Cucurbita pepo</i> pepo / Spaghetti Squash	Seed			1
	OC PUR	<i>Ocimum basilicum</i> Purpurascens / Purple Basil	Seed			4
	ORI HER	<i>Origanum heracleoticum</i> Greek Mountain / Oregon	Seed			3
	PHA TTK	<i>Phaseolus vulgaris</i> Purple Kant Pale Bean	Seed			4
	SOL PHK	<i>Solanum lycopersicum</i> Black Krim / Black Krim Tomato	—			1
	SOL NZC	<i>Solanum lycopersicum</i> San Marzano / San Marzano Tomato	Seed			1
	SOL BLA	<i>Solanum melongena</i> Black Beauty / Black Beauty Eggplant	Seed			2
<b>SUCCULENTS</b>						
	ALO VER	<i>Aloe vera</i> / Medicinal Aloe	4"	Pot		1
	GRA PAR	<i>Graptopetalum paraguayense</i> Ghost Plant	4"	Pot		1
	GRA THH	<i>Graptosedum x Vera Higgins</i> / Vera Higgins Graptosedum	4"	Pot	LOW	3



KITCHEN GARDEN

1/4"=1'-0"



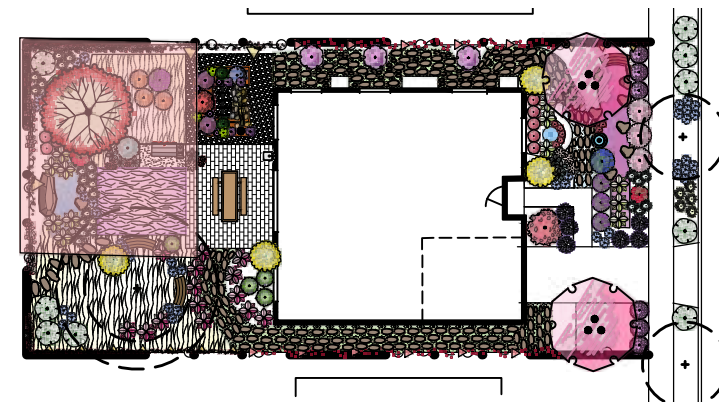


**SUNNY HABITAT**  
1/4"=1'-0"

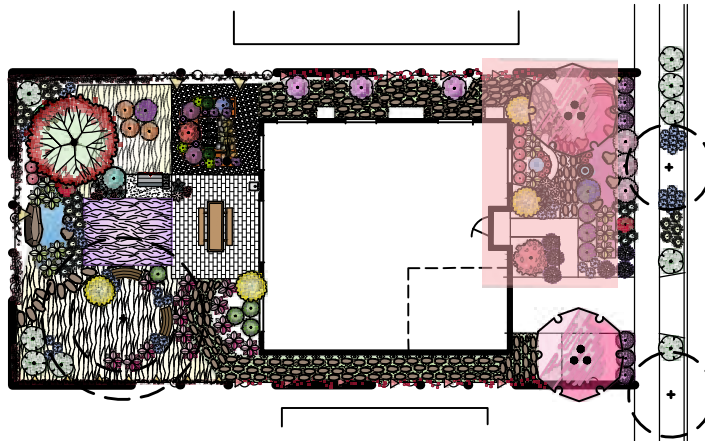
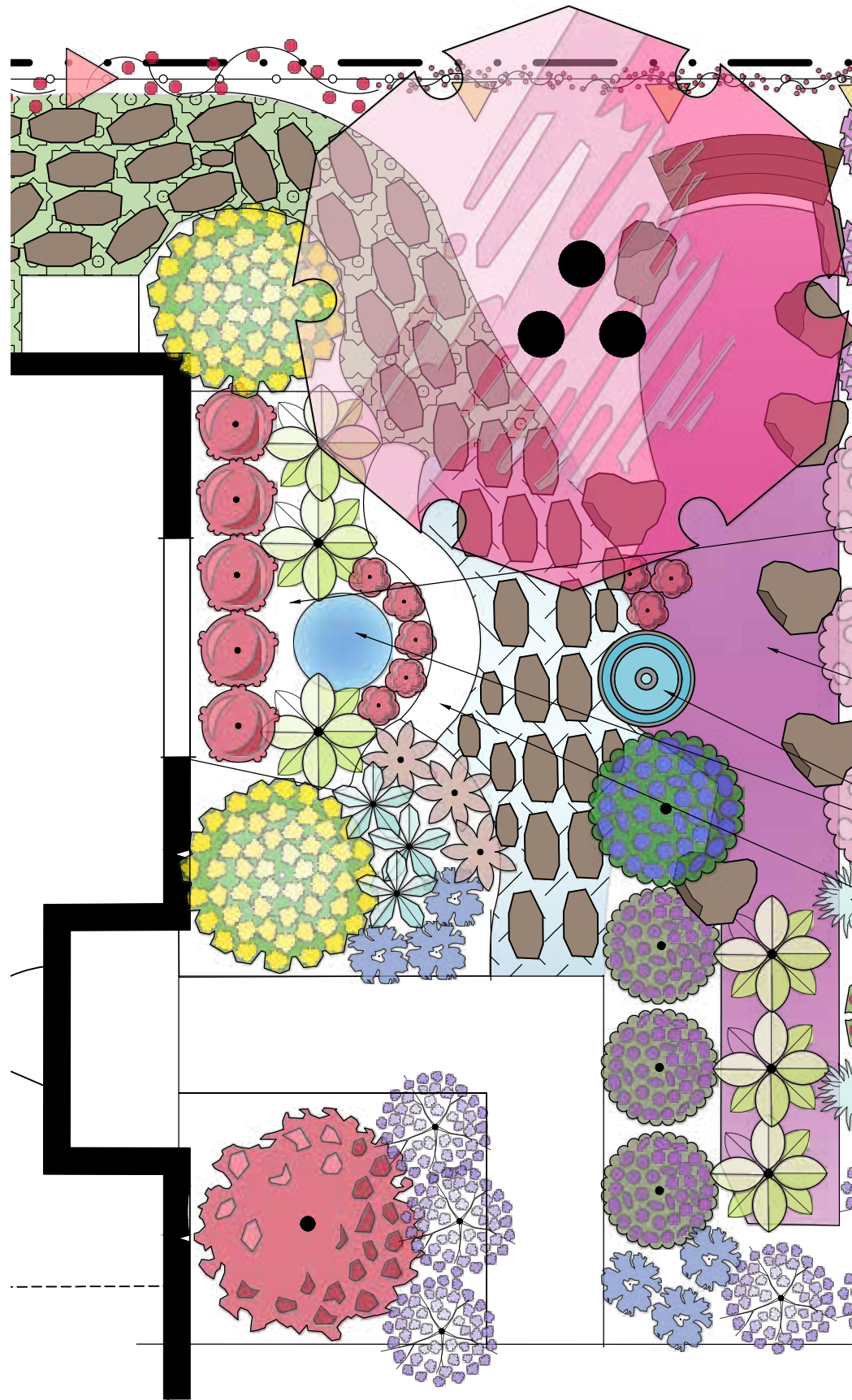


**PLANT SCHEDULE SUNNY HABITAT**

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	WOCULS	QTY	
<b>NATIVE TREES</b>							
	ARC 0L2	Arctostaphylos glauca / Bigberry Manzanita	5 gal.	Por	VERY LOW	1	
<b>SHRUBS</b>							
	SAL HBL	Salvia microphylla x greggii EGGBENCOS / Heathwave™ Blaze Sage	1 gal.	Por	LOW	1	
<b>FRUITING SHRUBS</b>							
	PRU AU5	Prunus persica August Pride / August Pride Peach	5 gal.	Por	MODERATE	1	
	PUN WDN	Punica granatum Wonderful / Wonderful Pomegranate	10 gal.	Por	LOW	6	
<b>GRASSES</b>							
	BOU GRA	Bouteloua gracilis / Blue Grama Grass	4"	Por	LOW	5	
	MEL IP2	Melica imperfecta / Imperfect Melic	4"	Por	VERY LOW	12	
<b>NATIVE SHRUBS</b>							
	AQU F03	Aquilegia formosa / Western Columbine	4"	Por	MODERATE	3	
	ERI PAR	Eriogonum parvifolium / Cliff Buckwheat	4"	Por	VERY LOW	1	
	SIB BEL	Sisyrinchium bellum / Blue-eyed Grass	Plug		LOW	9	
	SPH AM2	Sphaeralcea obtusica / Desert Globemallow	4"	Por	VERY LOW	3	
	STA AL1	Stachys albens / White Hedge Nettle	4"	Por	MODERATE	6	
	TRI W00	Trichostema lanatum / Woolly Blue Curls	1 gal.	Por	VERY LOW	1	
<b>SUCCULENTS</b>							
	ALO PL1	Aloe plicatilis / Fan Aloe	2 gal.	Por	LOW	1	
	ALO VER	Aloe vera / Medicinal Aloe	4"	Por	LOW	3	
	GRA TH1	x Gropsoedum x Vera Higgins / Vera Higgins Gropsoedum	4"	Por	LOW	4	
<b>GROUND COVERS</b>							
	BOU GR2	Bouteloua gracilis / Blue Grama Grass	For		LOW	8' o.c.	358
	MEL IP2	Melica imperfecta / Imperfect Melic	For		VERY LOW	8' o.c.	456



**KEY MAP**  
NTS



KEY MAP  
NTS

RAISED PLANTER

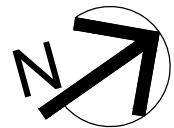
BIORETENTION

WATER FEATURE

BENCH WALL

PLANT SCHEDULE FRONT HABITAT

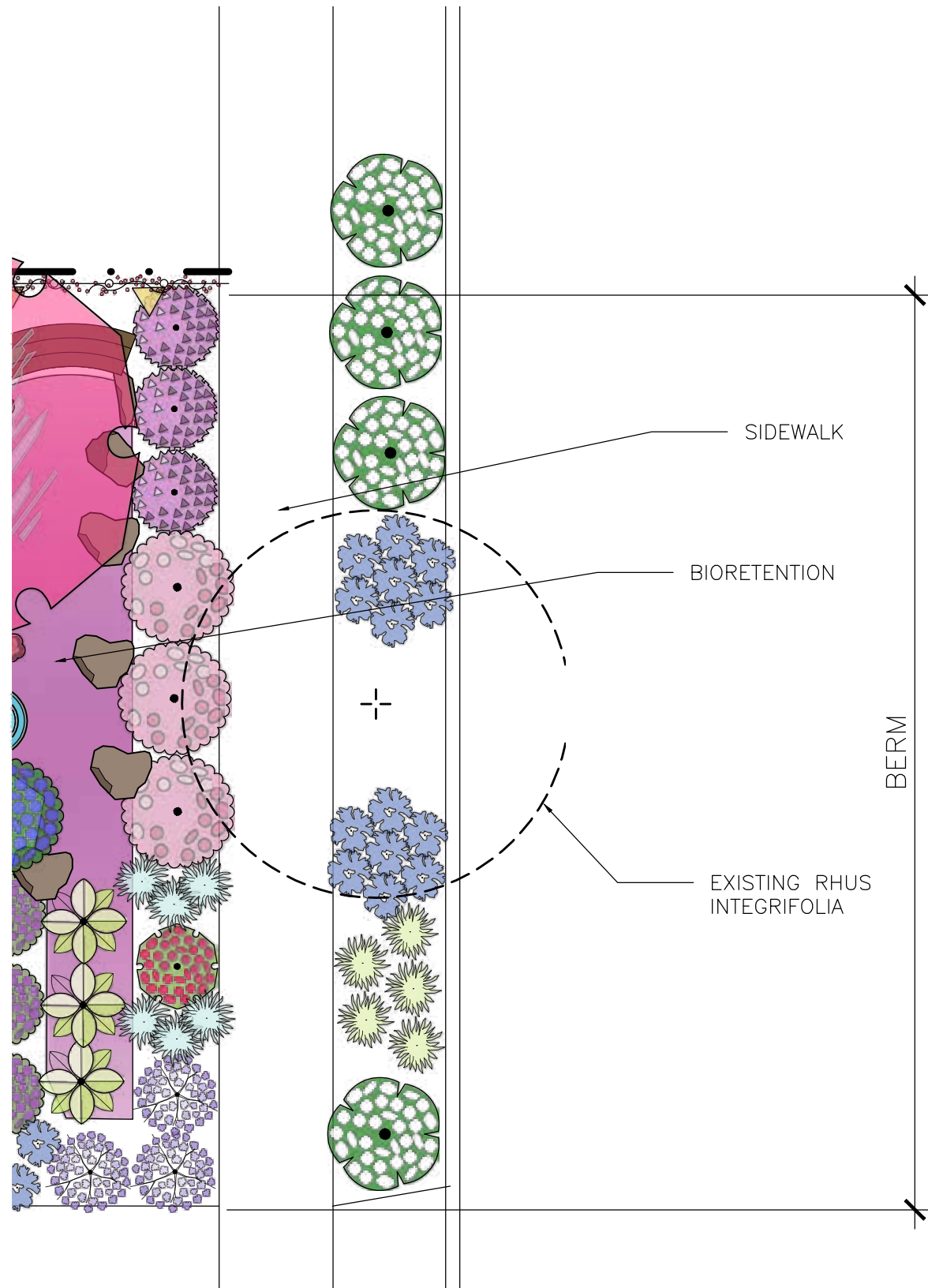
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	WOCULS	QTY
<b>TREES</b>						
	CHI LIN	Chilopsis linearis / Desert Willow	1 gal.	Por	LOW	1
<b>SHRUBS</b>						
<b>FRUITING SHRUBS</b>						
	FRA EV3	Fragaria x ananassa Everweefer / Everweefer Strawberry	4"	Por	LOW	8
	VAC TLY	Vaccinium x Bountiful Blue / Bountiful Blue Blueberry	1 gal.	Por	MODERATE	1
	VAC SLB	Vaccinium x Sunshine Blue / Sunshine Blue Highbush Blueberry	2 gal.	Por	MODERATE	3
<b>NATIVE SHRUBS</b>						
	AQU FOS	Aquilegia formosa / Western Columbine	4"	Por	MODERATE	5
	COR FIL	Ceanothus flagellifolius 'Silver Carpet' / California Aener	4"	Por	LOW	3
	LON SUB	Lonicera subspicata / Southern Honeysuckle	4"	Por	LOW	1
	RHA HOL	Rhamnus ilicifolia / Hollyleaf Redberry	1 gal.	Por	VERY LOW	1
	RIB GOL	Ribes aureum / Golden Currant	#1	Por	VERY LOW	2
	RIB GOL	Ribes aureum / Golden Currant	1 gal.	Por	VERY LOW	2
	SIS BEL	Sisyrinchium bellum / Blue-eyed Grass	Plug		LOW	6
	STA ALI	Stachys albens / White Hedge Nettle	4"	Por	MODERATE	6
<b>SUCCULENTS</b>						
	ALO VER	Aloe vera / Medical Aloe	4"	Por	LOW	3
	GRA PAR	Grotopetrum paraguayense / Ghost Plant	4"	Por	LOW	3
<b>GROUND COVERS</b>						
	DYM MAB	Dymondia marginata / Silver Carpet Dymondia	Plug		LOW	52



FRONT HABITAT

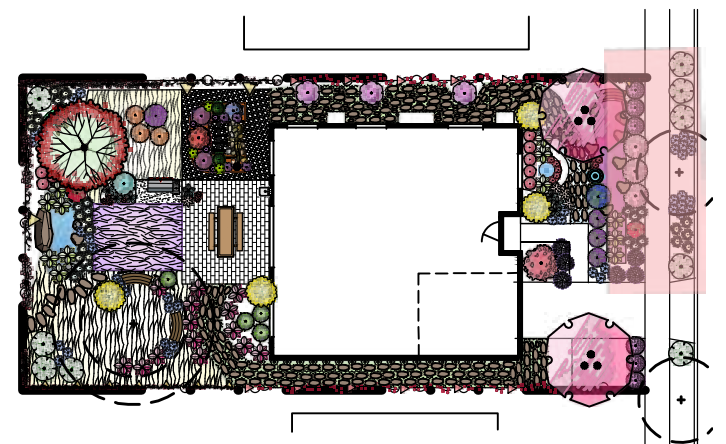
1/4"=1'-0"





**PLANT SCHEDULE PEDESTRIAN WAY**

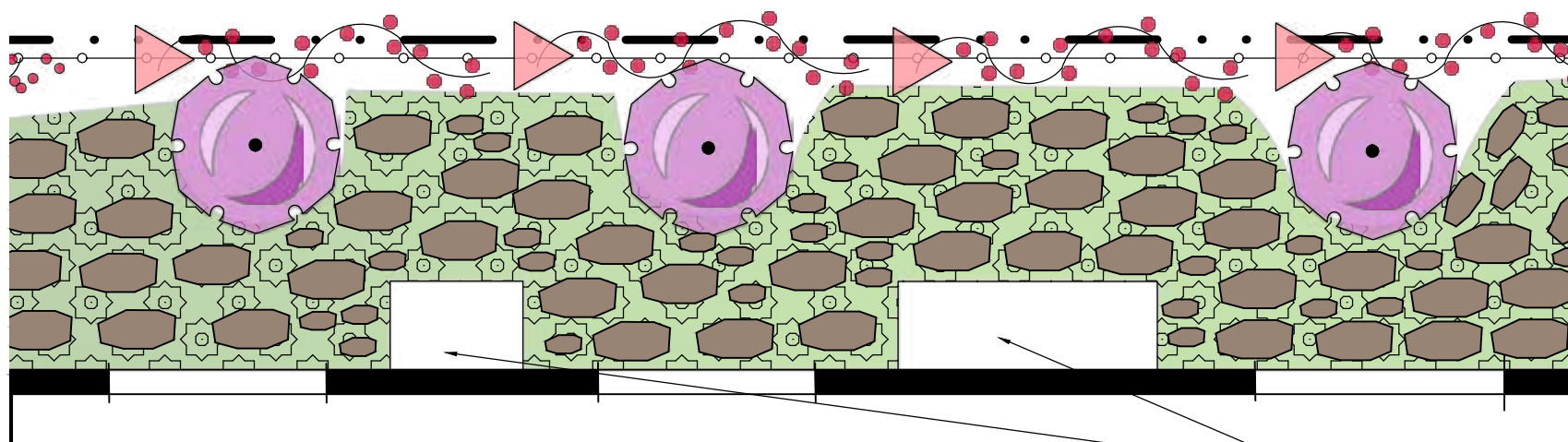
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	WOCULS	QTY
<b>SHRUBS</b>						
	SAL HBL	Salvia microphylla x greggii EGGBENCOS / Heatwave™ Blaze Sage	1 gal.	Pot	LOW	1
<b>GRASSES</b>						
	BOU GRA	Bouteloua gracilis / Blue Grama Grass	4"	Pot	LOW	6
	MEL IMP	Melica imperfecta / Imperfect Melic	4"	Pot	VERY LOW	5
<b>NATIVE SHRUBS</b>						
	ARC DOU	Arctostaphylos x John Dourley / John Dourley Manzanita	1 gal.	Pot	LOW	3
	COR FIL	Corethrogyne filaginifolia Silver Carpet / California Aster	4"	Pot	LOW	3
	ERI PAR	Eriogonum parvifolium / Cliff Buckwheat	4"	Pot	VERY LOW	4
	MON V12	Monardella villosa / Wilowy Monardella	4"	Pot	LOW	3
	RIB GOL	Ribes aureum / Golden Currant	#1	Pot	VERY LOW	1
	SIS BEL	Sisyrinchium bellum / Blue-eyed Grass	Plug		LOW	14



**PEDESTRIAN WAY**

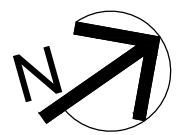
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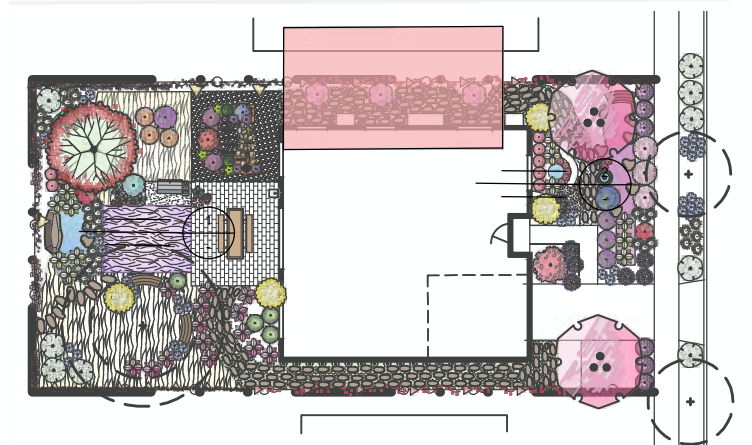
**PLANT SCHEDULE SIDE WALK**

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	WOCULS	QTY
<b>NATIVE SHRUBS</b>						
	LEP FRA	Lepachia fragrans / Island Pinesage	4'	Pot	LOW	3
	LOA SUB	Lonicera subopata / Southern Honeyuckle	4'	Pot	LOW	4
<b>GROUND COVERS</b>						
	FRA CH	Fragaria alienensis / Beach Strawberry	Plug		LOW	234 sf

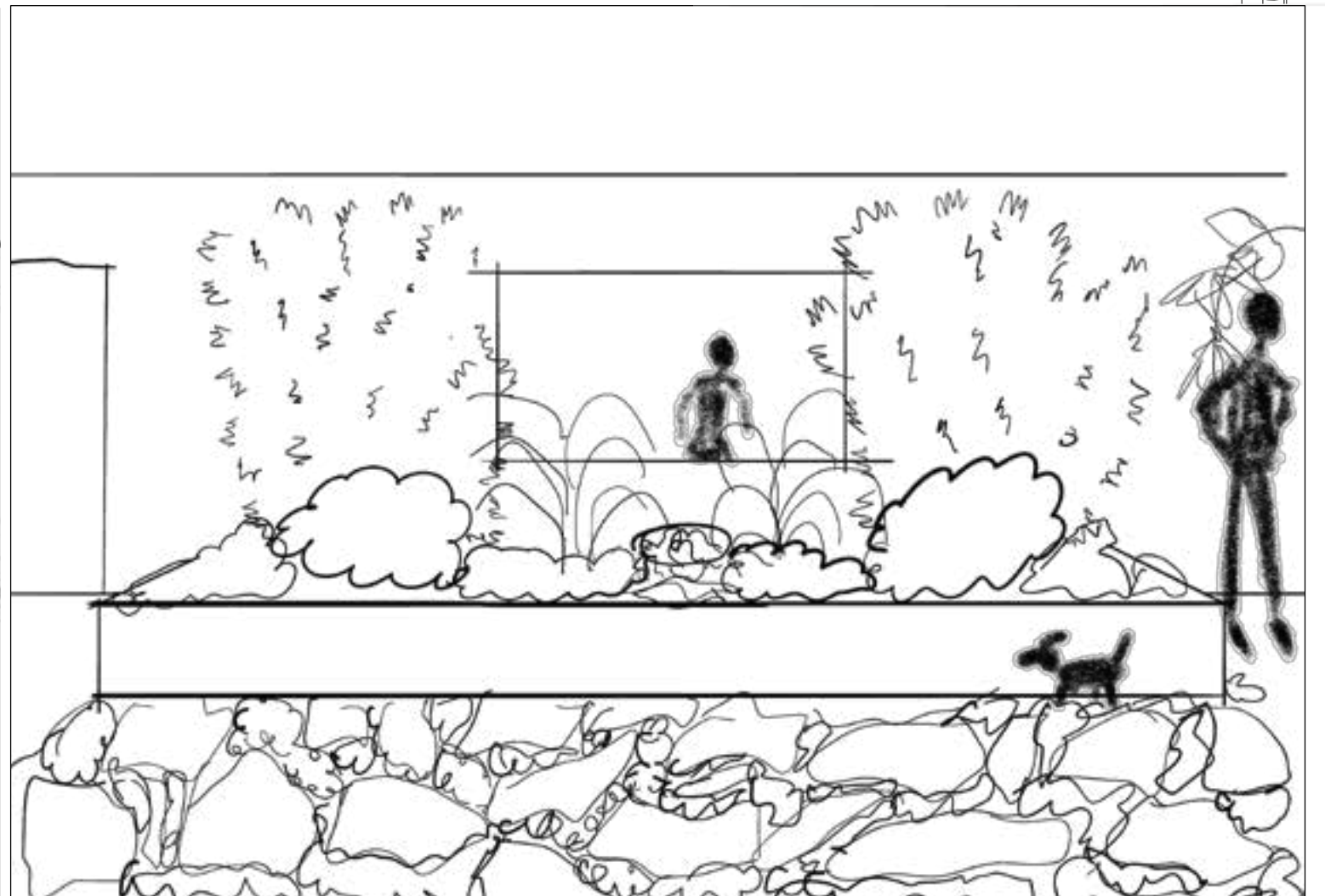
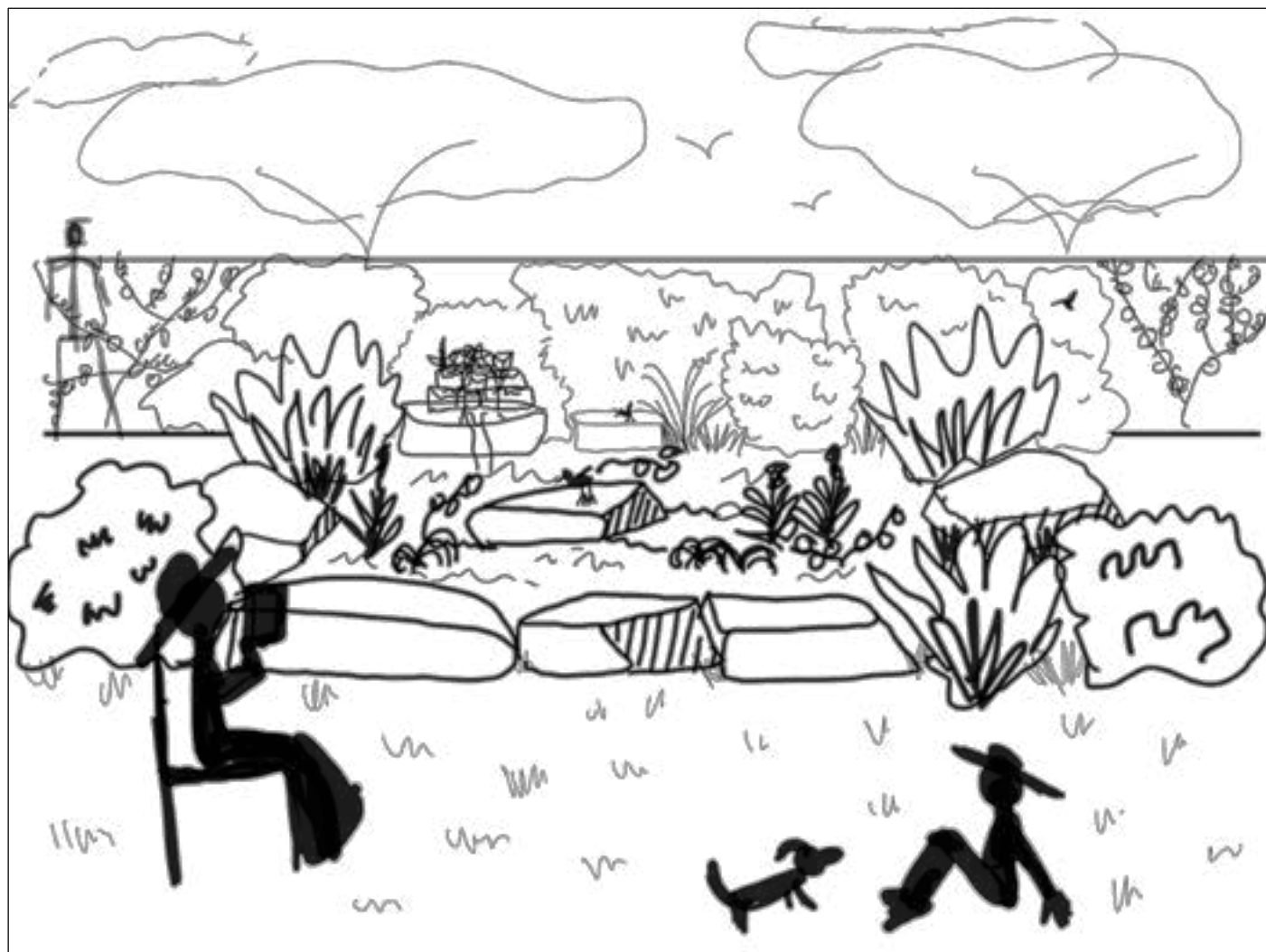


**SIDE WALK HABITAT**

1/4"=1'-0"



**KEY MAP**  
NTS





*Lepechinia fragrans*  
Fragrant Pitcher Sage



*Chilopsis linearis*  
Desert Willow



*Sphaeralcea ambigua*  
Desert Globemallow



*Rhamnus ilicifolia*  
Hollyleaf Redberry



*Salvia spathacea*  
Hummingbird Sage



*Arctostaphylos glauca*  
Bigberry Manzanita

Botanical name	Common Name	Country of Origin	Height x Spread	Wildlife Supported	# Of Lepidoptera	Seasonality	Bloom Color/ Season	Maintenance	Special Notes	WOCULS	Sun Exposure
<i>Lepechinia fragrans</i>	Fragrant Pitcher Sage	CA endemic	3'x4'	Caterpillars, Butterflies, Hummingbirds	2	Evergreen	Purple, Lavender Su/Sp/Fa	Tip prune when young to encourage bushy growth. Prune to shape, but do not over-prune older woody growth.	Fragrant, sweet. Edible.	low	FS/PS
<i>Rhamnus ilicifolia</i>	Hollyleaf Redberry	CA, Western NA	5-10'x6'	Bats, Caterpillars, Butterflies	19	Evergreen	Yellow, Cream Wi/Sp	Tip prune when young to encourage bushy growth. Prune ot shape.	Edible	VL	FS/PS
<i>Chilopsis linearis</i>	Desert Willow	CA, Southwestern N.A.	10-20'x15'	Hummingbirds, Bats, Birds, Bees, Caterpillars, Butterflies	2	Winter Deciduous	Red, Yello,, Pink Wi/Sp	Prune to shape during dormancy. Responds well to heavy pruning.	Branches can be used for basketry	L	FS
<i>Salvia spathacea</i>	Hummingbird Sage	CA, Endemic	1-3'x3'	Bats, Bees, Butterflies, Caterpillars, Hummingbirds, Birds	11	Evergreen, Su semi-deciduous	Red, Pink Wi/Sp/Su	Can be deadheaded and lightly pruned in summer if a neater appearance is desired. Transplant rhizomes to contain spreading.	Fragrant foliage with bright flowers. A Hummingbird favorite. CF. E.	L	FS/PS/DS
<i>Sphaeralcea ambigua</i>	Desert Globemallow	CA, Southwest N.A.	2-3'x3'	Bats, Bees, Caterpillars, Butterflies	13	Evergreen	Red, Orange, Pink, Lavender Wi/Sp	Prune after bloming to keep from getting woody.	Favorite of native bees and butterflies.	VL	FS
<i>Arctostaphylos glauca</i>	Bigberry Manzanita	CA, Western N.A.	3-20'x 6-20'	Bats, Caterpillars, Butterflies, Birds, Bees	53	Evergreen	White, pink Sp/Wi	Nothing for first few years, if ever. Self pruning, but may prune small branches to open up shape and reveal structure. Clean shears between each cut (see note.)	Arctostaphylos suffer from branch die-back, which is a fungal pathogen that eventually kills the whole plant. Avoid over-watering. CF Cultivars available.	VL	FS



*Punica granatum* 'Wonderful'  
Wonderful Pomegranate



*Monardella viminea*  
Willowy Monardella



*Eriogonum parvifolium*  
Seacliff Buckwheat



*Ribes aureum*  
Golden Currant



*Crethrogynne* 'Silver Carpet'  
Silver Carpet Aster



*Trichostema lanatum*  
Woolly Bluecurls



*Sisyrinchium bellum*  
Blue Eyed Grass

Botanical name	Common Name	Country of Origin	Height x Spread	Wildlife Supported	# Of Lepidoptera	Seasonality	Bloom Color/ Season	Maintenance	Special Notes	WOCULS	Sun Exposure
<i>Punica granatum</i> 'Wonderful'	Wonderful Pomegranate	Middle east	10'x10'	Hummingbirds, Humans.	NA	Winter Deciduous	Red Summer	Fertilize before new growth appears in spring. Prune to shape annually.	Showy flowers. Popular variety for pomegranate juice. CF	L	FS
<i>Ribes Aureum</i>	Golden Currant	CA, Western U.S.	3-10'x3-10'	Hummingbirds, Birds, Bees, Caterpillars, Butterflies.	84	Wi Deciduous	Cream, Red, Yellow Wi/Sp	Remove unwanted suckers to contain spread. Tip prune for compact shape. Prune to desired shape.	Plant at edge of canopy. Tolerates full sun. Susceptible to rust. E.	VL	FS/PS
<i>Monardella viminea</i>	Willowy Monardella	CA	10-19"x2-4'	Bats, Birds, Butterflies, Caterpillars, Hummingbirds	4	Evergreen, Su Semi-deciduous	Pink, Lavender Sp/Su/Fa	Prune to shape as desired, or harvest at will. May remove spent seed heads.	In Part shade or a little supplemental irrigation, will remain evergreen. Great along paths where people will be able to enjoy its strong scent. Endangered. CF	L	FS/PS
<i>Corethrogyne filaginifolia</i> 'Silver Carpet'	Silver Carpet Aster	CA	6"x3'	Birds, Butterflies, Wasps, Bats, Bees, Caterpillars	5	Evergreen	Violet, Yellow Su/Fa	May need annual pruning to maintain their shape. Can be deadheaded.	Section from Carol Bornstein of Santa Barbara Botanical Garden. CF, LA	L	FS/PS
<i>Eriogonum parvifolium</i>	Seacliff Buckwheat	CA	1-2'x4+'	Birds, Butterflies, Wasps, Bats, Bees, Caterpillars	46	Evergreen	Red, Yellow, Pink, White Year-round	Prune to shape.	Host plant and forage source for endangered El Sugundo Blue Butterfly. CF	VL	FS/PS
<i>Trichostema lanatum</i>	Woolly Bluecurls	CA, Endemic	5'x10'	Bees, Birds, Butterflies, Caterpillars	5	Evergreen	Blue, lavender, Pink Fa/Wi/Sp	Pinch vigorous plants for bushier shape. Do not cut back to old wood. Keep organic mulch away from root plant. Prefers inorganic.	Sweet, pungent scent. Good in teas on its own or mixed with other herbs in the Mint family, especially Monardella Sp. May be short lived.	VL	FS/PS
<i>Sisyrinchium bellum</i>	Blue Eyed Grass	CA, Western N.A.	1-2'x3"	Butterflies	N/A	Su Semi-deciduous	Blue, Lavender, Purple Wi/Sp	Cut back brown foliage before growing season.	Can stay evergreen with suplamental irrigation. CF.	L	FS/PS



*Arctostaphylos* 'John Dourley'  
John Dourley Manzanita



*Salvia* 'Heatwave Blaze'  
Heatwave Blaze Sage



*Aloe plicatilis*  
Fan Aloe



*Lavandula* 'Goodwin Creek Grey'  
Goodwin Creek Grey Lavender



*Lonicera subspicata*  
Southern Honeysuckle



*Aloe barbadensis* 'Miller'  
Miller Aloe Vera

<i>Botanical name</i>	Common Name	Country of Origin	Height x Spread	Wildlife Supported	# Of Lepidoptera	Seasonality	Bloom Color/ Season	Maintenance	Special Notes	WOCULS	Sun Exposure
<i>Arctostaphylos</i> 'John Dourley'	John Dourley Manzanita	CA, Western US	2-3'x4-6'	Birds, Butterflies, Bees, Hummingbirds	NA	Evergreen	Pink, Magenta, Rose Wi/Sp	Prune to keep out of sidewalk.	attractive floeers and foliage.	VL	FS/PS
<i>Lavandula</i> 'Goodwin Creek Grey'	Lavender 'Goodwyn Creek Grey'	Europe	2-3'x2-3'	Hummingbirds, Bees	NA	Evergreen	Lavender Sp/Su	Trim flower heads after blooming to prevent woody stems and to encourage more blooming. Do not cut into old wood.	Very strong lavender scent. Striking grey foliage.	L	FS/PS
<i>Salvia</i> 'Heatwave Blaze'	Heatwave Blaze Sage	Hybrid	2-3'x3'	Hummingbirds, Bees	NA	Evergreen	Red Spring/ Year round	Prune to shape	CF	L	FS/PS
<i>Lonicera subspicata</i>	Southern Honeysuckle	CA, Endemic	8'x20'	Bats, Caterpillars, Butterflies, Birds	21	Evergreen	Cream, yellow Sp/Su	Do not prune new, young growth because that is where the flowers and fruit are borne. Remove older growth to shape and to stimulate growth of new stems.	Collect berries in summer. Companions with: <i>Arctostaphylos</i> , <i>Berberis</i> , <i>Ceanothus</i> , <i>Eriogonum</i> , <i>Quercus</i> , <i>Rhus</i> , <i>Ribes</i> , and <i>Salvia Sp</i> , and <i>Trichostema lanatum</i> , amongst others. Endemic.	L	FS/PS
<i>Aloe plicatilis</i>	Fan Aloe	South Africa	4-8' x 4-6'	Hummingbirds	NA	Evergreen	Red Wi/Sp	Remove dried leaves.	CF	L	FS/PS
<i>Aloe vera barbadensis</i> 'Miller'	Miller Aloe Vera	Africa	3' x 2'	Hummingbirds	NA	Evergreen	Red Wi/Sp	Remove dried inflorescence. CF	Medicinal. Use inner gel for burns. Handle with care, exterior contains latex.	L	FS/PS



*Bouteloua gracilis*  
Blue Grama



*Fragaria chiloensis*  
Beach Strawberry



*Grapsopatelum paraguayense*  
Ghost Plant



*Melica imperfecta*  
Coast Range Melic



*Dymondia margaretae* 'Silver Carpet'  
Silver Carpet Dymondia



*Grapstosedum* 'Vera Higgins'  
Vera Higgins Succulent

<i>Botanical name</i>	Common Name	Country of Origin	Height x Spread	Wildlife Supported	# Of Lepidoptera	Seasonality	Bloom Color/ Season	Maintenance	Special Notes	WOCULS	Sun Exposure
<i>Bouteloua gracilis</i>	Blue Grama	CA, N.A., Beyond	6-24"x2'	Butterflies, Caterpillars	5	Evergreen/ Winter semi-deciduous	Yellow Su	Pruning not necessary, but can be done in winter when dormant.	Lawn alternative.	L	FS/PS
<i>Melica imperfecta</i>	Coast Range Melic	CA, Western N.A.	1-3'x2'	Butterflies, Caterpillars	1	Evergreen, Su semi-deciduous	Yellow, Brown Sp/Wi	Cut back at signs of new, green shoots, if desired.	To keep green during summer, irrigate 1-2x/month.	VL	FS/PS
<i>Fragaria chiloensis</i>	Beach Strawberry	CA, N.A., Beyond	1-4"x2-3'	Bats, Birds, Caterpillars, Butterflies	35	Evergreen	White Wi/Sp/Su	Cut back for height. Propagate or otherwise cut back runners to control spread.	Edible, CF	L	FS/PS/DS
<i>Dymondia margaretae</i> 'Silver Carpet'	Silver Carpet Dymondia	South Africa	<1'x spreading	NA	NA	Evergreen	Yellow Su	Low Maintenance.	Slow growing.	L	FS/PS
<i>Grapsopatelum paraguayense</i>	Ghost Plant	Mexico	8-12" x 2-3'	NA	NA	Evergreen	White, red Sp	Low Maintenance	CF	L	FS/PS
<i>Grapstosedum</i> 'Vera Higgins'	Vera Higgins Succulent	Hybrid	,1'x1-2'	NA	NA	Evergreen	Yellow Sp/Su	Low Maintenance	deeper color in FS. CF	L	FS/PS



*Fragaria x ananassa* 'Eversweet'  
Eversweet Strawberry



*Vaccinium* 'Bountiful Blue'  
Bountiful Blue Blueberry



*Aquilegia formosa*  
Western Columbine



*Prunus* 'Agust Pride'  
August Pride Peach



*Vaccinium* 'Sunshine Blue'  
Sunshine Blue Blueberry



*Stachys albens*  
White Hedgenettle

Botanical name	Common Name	Country of Origin	Height x Spread	Wildlife Supported	# Of Lepidoptera	Seasonality	Bloom Color/ Season	Maintenance	Special Notes	WOCULS	Sun Exposure
<i>Fragaria x ananassa</i> 'Eversweet'	Eversweet Strawberry	Hybrid, N America	6-8"x15-18"	Humans, Birds, Slugs	NA	Evergreen	White	Harvest spring-fall. Propagate or otherwise cut back runners to control spread.	Very sweet and large berries. Everbearing. *Keep soil moist but not soggy	L	FS/PS
<i>Prunus</i> 'Agust Pride'	August Pride Peach	Hybrid	18'x18'	Humans, Birds, insects	NA	Deciduous	Pink Sp	Prune before the weather gets cold and damp, late summer to fall. Prune to shape. Remove crossing branches.	Harvest mid-summer. Thin out young fruit when they are about the size of a nickel. Self Fruiting.	M	FS
<i>Vaccinium</i> 'Bountiful Blue'	Bountiful Blue Blueberry	Hybrid, N America	3-4'x3-4'	Humans, Birds	NA	Semi-evergreen	Pink Early Sp	Before new growth begins, prune off twiggy growth, leaving only main stems to prevent overbearing.	Harvest when fully blue. *Keep soil moist but not soggy	M	FS
<i>Vaccinium</i> 'Sunshine Blue'	Sunshine Blue Blueberry	Hybrid, N America	3-4'x3-4'	Humans, Birds	NA	Deciduous	Pink Late Sp	Before new growth begins, prune off twiggy growth, leaving only main stems to prevent overbearing.	Harvest when fully blue. *Keep soil moist but not soggy	M	FS
<i>Aquilegia formosa</i>	Western Columbine	Ca, N. America, Beyond	2'x2'	Bats, Butterflies, Caterpillars, Birds	5	We Deciduous, Evergreen	Red, yellow Sp	Deadhead if desired or allow flowers to go to seed.	Self Sows. Interesting geometric shape when looked at from the bottom of the flower, up.	M	FS/PS/DS
<i>Stachys albens</i>	White Hedge Nettle	CA, Endemic	1'x8'	Bats, Butterflies, Caterpillars, Bees, Hummingbirds, Birds	12	Wi Deciduous	Pink, Purple, Lavender, White May-Oct	Propagate rhizomes in order to keep from spreading.	Spreads by rhizomes. Can be aggressive. CF. E.	m	FS/PS

# WARM SEASON CROPS



Botanical name	Common Name	Plant Family	Height x Spread	Days to Germination	Days to Maturity	Thin to/ Final Spacing	Container	Maintenance	Special Notes	Water Needs	Sun Exposure
<i>Cucurbita pepo</i>	Spaghetti Squash	Cucurbitaceae	4-10'x12-18"	3-10+	88+	≥12" apart	Yes, but do not recommend.	Harvest when skin sounds dull and doesn't yield to pressure.	Succession plant every 30 days. Resistant to powdery mildew. Can be grown over trellis.	1-2"/week	FS
<i>Solanum melongena</i>	Black Beauty Eggplant	Solanaceae	14-18"x2-3'	3-10+	75+	≥2" apart, at least 24" apart	Yes, 20"	Harvest when eggplant is deep purple, smaller and more tender.	Can be grown year round. Provide minor support.	Regular	FS
<i>Cucumis sativus</i> 'Lemon'	Lemon Cucumber	Cucurbitaceae	2-3'x6-8"	3-10+	65+	≥1" apart, ≥6" apart	Yes, Large	Harvest when skin is still thin. Tough skin can be bitter. Does not need to be peeled.	Good for Snacking. Sweet and tender. Succession plant every 21 days.	1"/week	FS
<i>Phaseolus vulgaris</i>	Purple Kanti Pole Beans	Fabaceae	18"x6-9'	3-10+	50+	≥5" apart	Yes, 10"	Harvest often. For fresh beans, harvest when seeds have not fully formed and pod is still soft. For dried, allow beans to fully mature on plant. If you keep harvesting, plant will keep producing.	Allow to climb structures. Fresh, shelled, and dried. Good for snacking. Train up a pergola, arch, trellis, etc. Succession plant 10 days.	1-2"/week	FS
<i>Solanum lycopersicum</i>	San Marzano Tomato	Solanaceae	2-3'x3-7.5'	3-10+	65+	≥2" apart, ≥24" apart	Yes, 20"	Requires staking. Prune suckers when plant is 2-3' Harvest when fruit are red and have a slight give to the flesh.	Semi-determinate. Good for canning. Best from transplant. Watch for tomato hornworm, aphids, scales, spider mites;.	Deeply every 3-7 days	6-8
<i>Capsicum annuum</i>	Poblano Pepper	Solanaceae	1-2'x1.5-2'	10-20+	70+	≥2" apart, ≥12" apart	Yes, 20"	Harvest often to encourage more production. Un-ripe (green) peppers will be more mild, while ripe (red) peppers will be hotter.	Best from transplant.	1"/week	FS
<i>Solanum lycopersicum</i> 'Black Krim'	Black Krim Tomato	Solanaceae	4-6'x3-4'	3-10+	70+	5'	No	Requires support. Prune suckers and thin fruit. Harvest when there is slight give to the flesh.	Indeterminate. Heirloom.	Deeply every 3-7 days	FS

# COOL SEASON CROPS



Botanical name	Common Name	Plant Family	Height x Spread	Days to Germination	Days to Maturity	Thin to/ Final Spacing	Container	Maintenance	Special Notes	Water Needs	Sun Exposure
<i>Brassica oleracea</i>	Red Russian Kale	Brassicaceae	24"x24"	3-10+	65+	≥2" apart	Yes	Harvest any point the leaves are worth eating.	Can be grown in the shade during warm months. Use shade cloth to protect from heat. Aphids, Whiteflies.	Regular	FS
<i>Allium cepa</i> 'Walla Walla'	Walla Walla Sweet Onion	Amaryllidaceae	18-24"x 5-7.5'	7-21+	140+	≥2" apart, ≥5" apart	Yes, 20"	Harvest when tops brown and fall over.	Popular, juice sweet onion. Versatile.	1"/ week	FS
<i>Solanum tuberosum</i>	Red Potato	Solanaceae	30-36"x36"	10-20+	90+	≥12" apart	Yes, 20"	As plants grow, continue to pull up enough soil around the stems to keep them covered with at least 6" of soil Harvest 2-3 weeks after flowers fade.	Plant potatoes during the cooler times of the year, starting in the fall and planting well into summer. Visit UC-IPM for information on pests and diseases.	Regular	6-8
<i>Brassica oleracea</i> var. <i>botrytis</i>	Snowball Cauliflower	Brassicaceae	12"x24"	5-15+	60+	≥2" apart, ≥24" apart	Yes, 20"	Harvest at any desirable size.	Succession plant every 21 days. Transplant best. Aphids, Cabbage moths, slugs and snails, cabbage worms.	Evenly moist but not overly wet.	FS
<i>Daucus carota</i> var. <i>sativus</i>	Cosmic Purple Carrots	Apiaceae	2-4"x 4-8"	10-21+	60+	≥2" apart	Yes, 10"	Harvest at any stage they are worth eating. Important to thin carrots.	Can be grown year round. Succession plant every 21 days. Use shade cloth for starting seeds in warmer climate.	Regular	6+

Recommended Annual Wildflowers for Santa Monica



*Acmispon americanus*  
American Bird's-foot trefoil



*Lupinus succulentus*  
Succulent Lupine



*Camissoniopsis bistorta*  
California Sun cup



*Salvia columbariae*  
Chia



*Clarkia Unguiculata*  
Elegant Clarkia



*StachTrifolium willdenovii*  
Tomcat Clover



*Antirrhinum nuttallianum*  
Nuttall's snapdragon



*Eschscholzia californica*  
California Poppy



*Layia platyflossa*  
Common Tidy Tips

# REFERENCES

LOS ANGELES CLIMATE DATA <https://weatherspark.com/s/1705/3/Average-Winter-Weather-in-Los-Angeles-California-United-States#Figures-CloudCover>

August Pride Peach <https://shop.armstronggarden.com/products/peach-august-pride>  
[https://www.davewilson.com/nurseries/products/fruit-trees/peach-yellow/august\\_pride/](https://www.davewilson.com/nurseries/products/fruit-trees/peach-yellow/august_pride/)

Bountiful Blue Blueberry [https://www.monrovia.com/bountiful-blue-blueberry.html?srsId=AfmBOor6zH\\_Sl-ai2UzhXCDkwW7R5RQOQfPKtMtOGkcaJMd3yR5sYRod](https://www.monrovia.com/bountiful-blue-blueberry.html?srsId=AfmBOor6zH_Sl-ai2UzhXCDkwW7R5RQOQfPKtMtOGkcaJMd3yR5sYRod)

Pomegranate ‘Wonderful’ <https://www.monrovia.com/fruited-pomegranate.html>

Salvia ‘Heat Wave’ <https://www.monrovia.com/heatwave-blaze-sage.html>

Family at Table <https://ena.our-dogs.info/facts-ph.html>

Eversweet Strawberry <https://strawberryplants.org/eversweet-strawberry-variety-info/>

Graptosedum ‘Vera Higgins’ [https://www.smgrowers.com/products/plants/plantdisplay.asp?plant\\_id=2141](https://www.smgrowers.com/products/plants/plantdisplay.asp?plant_id=2141)

Black Krim Tomato <https://www.epicgardening.com/black-krim-tomato/>  
<https://www.johnnyseeds.com/vegetables/tomatoes/heirloom-tomatoes/black-krim-organic-tomato-seed-3814G.html>

Select Tree: A Tree Selection Guide

Arctostaphylos glauca-Arctostaphylos glauca (Bigberry Manzanita) - Native Here Nursery

Native Plant Databases

California Native Plant Society [www.calflora.org](http://www.calflora.org)

Theodore Payne Foundation for Native Plants and Wildflowers [https://theodorepayne.org/nativeplantdatabase/index.php?title=Main\\_Page](https://theodorepayne.org/nativeplantdatabase/index.php?title=Main_Page)

Theodore Payne Foundation Shop [https://store.theodorepayne.org/products/theodore-payne-foundation-stachys-albens-local-san?\\_pos=1&\\_sid=c807f46fb&\\_ss=r](https://store.theodorepayne.org/products/theodore-payne-foundation-stachys-albens-local-san?_pos=1&_sid=c807f46fb&_ss=r)

[www.calflora.org](http://www.calflora.org)

Tree of Life Nursery Catalogue Tree of Life Nursery – We Grow.

Las Pilitas Nursery Native Plants, Las Pilitas Nurseries.

WOCULS Water Factor Database, UC Davis <https://wucols-frontend.ucdavis.edu/>

California Native Plants for the Garden, Carol Bornsstein, David Fross, Bart ‘Brien. Cachuma Press 2005

The Drought Defying-California Garden; Greg Rubin, Lucy Warren. 2016

Seed Propagation of Native California Plants Dara E. Emery. Santa Barbara Botanic Garden, 2021

California Plant Families: West of the Sierran Crest and Desert; Glen Keator, Margaret J. Steunenberg.

The Regents of University of California, 2009

Cool season

Kale <https://sandiegoseedcompany.com/product/vegetables/kale/organic-red-russian-kale-seeds/>

Walla walla sweet onion, intermediate 10-14 hours sun <https://sandiegoseedcompany.com/product/vegetables/onions/walla-walla-bulbing-onion-seeds/>

<https://thegardenmagazine.com/walla-walla-onions-growing-care/>

Red potato’s <https://sandiegoseedcompany.com/product/vegetables/potatoes/red-pontiac-seed-potatoes/>

Organic cosmic purple carrots <https://sandiegoseedcompany.com/product/vegetables/carrots/organic-cosmic-purple-carrot-seeds/>

Snowball Cauliflower <https://sandiegoseedcompany.com/product/vegetables/cauliflower/organic-snowball-cauliflower-seeds/>

Warm season

Lemon Cucumber <https://sandiegoseedcompany.com/product/vegetables/cucumbers/lemon-cucumber-seeds/>

Spaghetti squash <https://sandiegoseedcompany.com/product/vegetables/squash/organic-spaghetti-winter-squash-seeds/>

Trio bush beans <https://sandiegoseedcompany.com/product/vegetables/beans/so-cal-flavor-trio-bush-bean-seeds/>

Purple kanti pole bean <https://sandiegoseedcompany.com/product/vegetables/beans/organic-purple-kanti-pole-bean-seeds/>

Orange habenero <https://sandiegoseedcompany.com/product/vegetables/peppers/organic-orange-habenero-pepper-seeds/>

Poblano <https://sandiegoseedcompany.com/product/vegetables/peppers/organic-poblano-pepper-seeds/>

Eggplant black beauty <https://sandiegoseedcompany.com/product/vegetables/eggplant/organic-black-beauty-eggplant-seeds/>

Artichoke <https://sandiegoseedcompany.com/product/vegetables/artichokes/green-globe-artichoke-seeds/>

San marzano <https://sandiegoseedcompany.com/product/vegetables/tomatoes/organic-san-marzano-tomato-seeds/>

Basil variety seed mix <https://sandiegoseedcompany.com/product/herbs/basil/organic-basil-variety-mix-seeds/>

Italian oregano <https://sandiegoseedcompany.com/product/herbs/oregano-seeds/>

Lemon balm <https://sandiegoseedcompany.com/product/herbs/organic-lemon-balm-seeds/>

<https://www.almanac.com/plant/how-grow-lemon-balm-complete-guide/>

Marjoram <https://sandiegoseedcompany.com/product/herbs/organic-marjoram-seeds/>

<https://www.epicgardening.com/growing-marjoram/>

Greek oregano <https://www.reneesgarden.com/products/oregano-true-greek?srsId=AfmBOoobwWEhRCYPOS-NECqIK0SftVzNAVBe0yTBUg0wK9aYAD1B9-oOu>

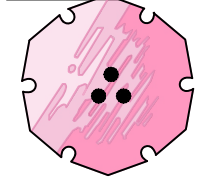
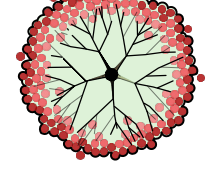








































<https://www.thespruce.com/growing-oregano-plants-1402818>

French thyme [https://www.reneesgarden.com/products/thyme-french-culinary?\\_pos=2&\\_sid=4025acbeb&\\_ss=r](https://www.reneesgarden.com/products/thyme-french-culinary?_pos=2&_sid=4025acbeb&_ss=r)

<https://mygardenlife.com/plant-library/french-thyme-thymus-vulgaris/>

Lavender Goodwin creek grey [https://www.smgrowers.com/products/plants/plantdisplay.asp?plant\\_id=942](https://www.smgrowers.com/products/plants/plantdisplay.asp?plant_id=942)

## PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	WOCULS	QTY	SUN EXPOSURE	MATURE HEIGHT	PLANT ORIGIN	MATURE WIDTH	
<b>TREES</b>											
	CHI LIN	Chilopsis linearis / Desert Willow	1 gal.	Pot	LOW	2	Part shade, Full sun	15 - ft. ht.	North America, Southwestern North America, South-central North America	15 - ft. w.	
<b>NATIVE TREES</b>											
	ARC GL2	Arctostaphylos glauca / Bigberry Manzanita	5 gal.	Pot	VERY LOW	1	Full sun	10 - 15ft. ht.	North America, Southwestern North America	10 - 15ft. w.	
<b>SHRUBS</b>											
	FRA EV3	Fragaria x ananassa Eversweet / Eversweet Strawberry	4"	Pot	LOW	8	Part shade, Full sun		Hybrid origin		
	SAL HBL	Salvia microphylla x greggii EGGBENOOS / Heatwave™ Blaze Sage	1 gal.	Pot	LOW	2	Part shade, Full sun	18 - 36in. ht.	Hybrid origin	1 - 3ft. w.	
<b>FRUITING SHRUBS</b>											
	PRU AU5	Prunus persica 'August Pride' / August Pride Peach	5 gal.	Pot	MODERATE	3	Full sun	10 - ft. ht.	Hybrid origin	10 - ft. w.	
	PUN WON	Punica granatum Wonderful / Wonderful Pomegranate	10 gal.	Pot	LOW	8	Full sun	6 - ft. ht.	Mediterranean		
	VAC TLY	Vaccinium x 'Bountiful Blue' / Bountiful Blue Blueberry	1 gal.	Pot	MODERATE	1	Full sun	3 - 6ft. ht.	Hybrid origin	3 - 6ft. w.	
	VAC SUB	Vaccinium x 'Sunshine Blue' / Sunshine Blue Highbush Blueberry	2 gal.	Pot	MODERATE	3	Full sun	18 - 36in. ht.	Hybrid origin	1 - 3ft. w.	
<b>GRASSES</b>											
	BOU GRA	Bouteloua gracilis / Blue Grama Grass	4"	Pot	LOW	12	Full sun	18 - 36in. ht.	North America, Southwestern North America	1 - 3ft. w.	
	MEL IMP	Melica imperfecta / Imperfect Melic	4"	Pot	VERY LOW	17	Part shade, Full sun	6 - ft. ht.	Southwestern North America	1 - 3ft. w.	
<b>HERBS</b>											
	LAV CRE	Lavandula dentata 'Goodwin Creek Grey' / Goodwin Creek Grey Lavender	4"	Pot	LOW	4	Full sun	18 - 36in. ht.	Europe	1 - 3ft. w.	
<b>NATIVE SHRUBS</b>											
	AQU FO3	Aquilegia formosa / Western Columbine	4"	Pot	MODERATE	8	Shade, Part shade, Full sun	6 - ft. ht.	North America, Northwestern North America	1 - 3ft. w.	
	ARC DOU	Arctostaphylos x 'John Dourley' / John Dourley Manzanita	1 gal.	Pot	LOW	3	Part shade, Full sun	6 - ft. ht.	Hybrid origin, North America	3 - 6ft. w.	
	COR FIL	Corethrogyne flaginifolia Silver Carpet / California Aster	4"	Pot	LOW	6	Part shade, Full sun	6 - 18in. ht.		1 - 6ft. w.	
	ERI PAR	Eriogonum parvifolium / Cliff Buckwheat	4"	Pot	VERY LOW	9	Part shade, Full sun	18 - 36in. ht.	North America, Southwestern North America	3 - 6ft. w.	
	LEP FRA	Lepechinia fragrans / Island Pitchersage	4"	Pot	LOW	3	Part shade, Full sun	3 - 6ft. ht.	North America, Southwestern North America	3 - 6ft. w.	
	LON SUB	Lonicera subspicata / Southern Honeysuckle	4"	Pot	LOW	11	Part shade	3 - 1ft. ht.		3 - 1ft. w.	
	MON VI2	Monardella viminea / Willowy Monardella	4"	Pot	LOW	6	Part shade, Full sun	6 - 18in. ht.	North America, Southwestern North America	1 - 6ft. w.	
	RHA HOL	Rhamnus ilicifolia / Hollyleaf Redberry	1 gal.	Pot	VERY LOW	1	Part shade, Full sun	3 - 1ft. ht.	Southwestern North America	3 - 1ft. w.	
	RIB GOL	Ribes aureum / Golden Currant	#1	Pot	VERY LOW	10	Deep shade, Shade, Part shade, Full sun	3 - 6ft. ht.	North America, Northwestern North America, North-central North America, Southwestern North America, South-central North America	3 - 6ft. w.	
	RIB GOL	Ribes aureum / Golden Currant	1 gal.	Pot	VERY LOW	4	Deep shade, Shade, Part shade, Full sun	3 - 6ft. ht.	North America, Northwestern North America, North-central North America, Southwestern North America, South-central North America	3 - 6ft. w.	
	SAL SP2	Salvia spathacea / Hummingbird Sage	Plug		LOW	14	Shade, Part shade, Full sun	18 - 36in. ht.	North America, Southwestern North America	1 - 6ft. w.	
	SIS BEL	Sisyrinchium bellum / Blue-eyed Grass	Plug		LOW	41	Part shade, Full sun	6 - 1ft. ht.	North America, Southwestern North America	1 - 3ft. w.	
	SPH AM2	Sphaeralcea ambigua / Desert Globemallow	4"	Pot	VERY LOW	3	Full sun	3 - 6ft. ht.	North America, Southwestern North America	1 - 3ft. w.	
	STA ALI	Stachys albens / White Hedge Nettle	4"	Pot	MODERATE	12	Part shade, Full sun	18 - 36in. ht.	Southwestern North America	1 - 6ft. w.	
	TRI WOO	Trichostema lanatum / Woolly Blue Curly	1 gal.	Pot	VERY LOW	1	Part shade, Full sun	18 - 6ft. ht.	Southwestern North America	3 - 6ft. w.	
<b>SEASONAL FRUITS AND VEGGIES</b>											
	CAP BPL	Capsicum annuum Poblano / Poblano Pepper	Seed			2					
	CUC UUI	Cucurbita pepo pepo / Spaghetti Squash	Seed			1					
	OCI PUR	Ocimum basilicum 'Purpurascens' / Purple Basil	Seed			4	Full sun	18 - 36in. ht.			
	ORI HER	Origanum heracleoticum Greek Mountain / Oregano	Seed			3					
	PHA TTK	Phaseolus vulgaris / Purple Kantil Pole Bean	Seed			4	Full sun	6 - 10ft. ht.		1 - 3ft. w.	
	SOL PMK	Solanum lycopersicum Black Krim / Black Krim Tomato	Seed			1					
	SOL NZC	Solanum lycopersicum 'San Marzano' / San Marzano Tomato	Seed			1					
	SOL BLA	Solanum melongena Black Beauty / Black Beauty Eggplant	Seed			2	Part shade	6 - 18in. ht.		1 - 3ft. w.	
<b>SUCCULENTS</b>											
	ALO PLI	Aloe plicatilis / Fan Aloe	2 gal.	Pot	LOW	1	Part shade	18 - 1ft. ht.	Africa, Southern Africa	1 - 6ft. w.	
	ALO VER	Aloe vera / Medicinal Aloe	4"	Pot	LOW	7	Part shade	18 - 36in. ht.		1 - 3ft. w.	
	GRA PAR	Graptopetalum paraguayense / Ghost Plant	4"	Pot	LOW	4	Part shade, Full sun	< - 1ft. ht.		1 - 3ft. w.	
	GRA TH	x Graptosedum x Vera Higgins / Vera Higgins Graptosedum	4"	Pot	LOW	7	Part shade, Full sun	6 - 18in. ht.	Hybrid origin	< - 3ft. w.	
<b>SYMBOL</b>	<b>CODE</b>	<b>BOTANICAL / COMMON NAME</b>	<b>SIZE</b>	<b>CONTAINER</b>	<b>WOCULS</b>	<b>SPACING</b>	<b>QTY</b>	<b>SUN EXPOSURE</b>	<b>MATURE HEIGHT</b>	<b>PLANT ORIGIN</b>	<b>MATURE WIDTH</b>
<b>GROUND COVERS</b>											
	BOU GR2	Bouteloua gracilis / Blue Grama Grass	flat		LOW	8' o.c.	358	Full sun	18 - 36in. ht.	North America, Southwestern North America	1 - 3ft. w.
	DYM MA3	Dymondia margaritae / Silver Carpet Dymondia	Plug		LOW	12' o.c.	52	Part shade, Full sun	< 6in. ht.	Africa, Southern Africa	1 - 3ft. w.
	FRA CHI	Fragaria chiloensis / Beach Strawberry	Plug		LOW		536 sf	Part shade, Full sun	< 6in. ht.	North America, Northwestern North America, Southwestern North America	1 - 3ft. w.
	MEL IM2	Melica imperfecta / Imperfect Melic	flat		VERY LOW	8' o.c.	1,699	Part shade, Full sun	6 - ft. ht.	Southwestern North America	1 - 3ft. w.