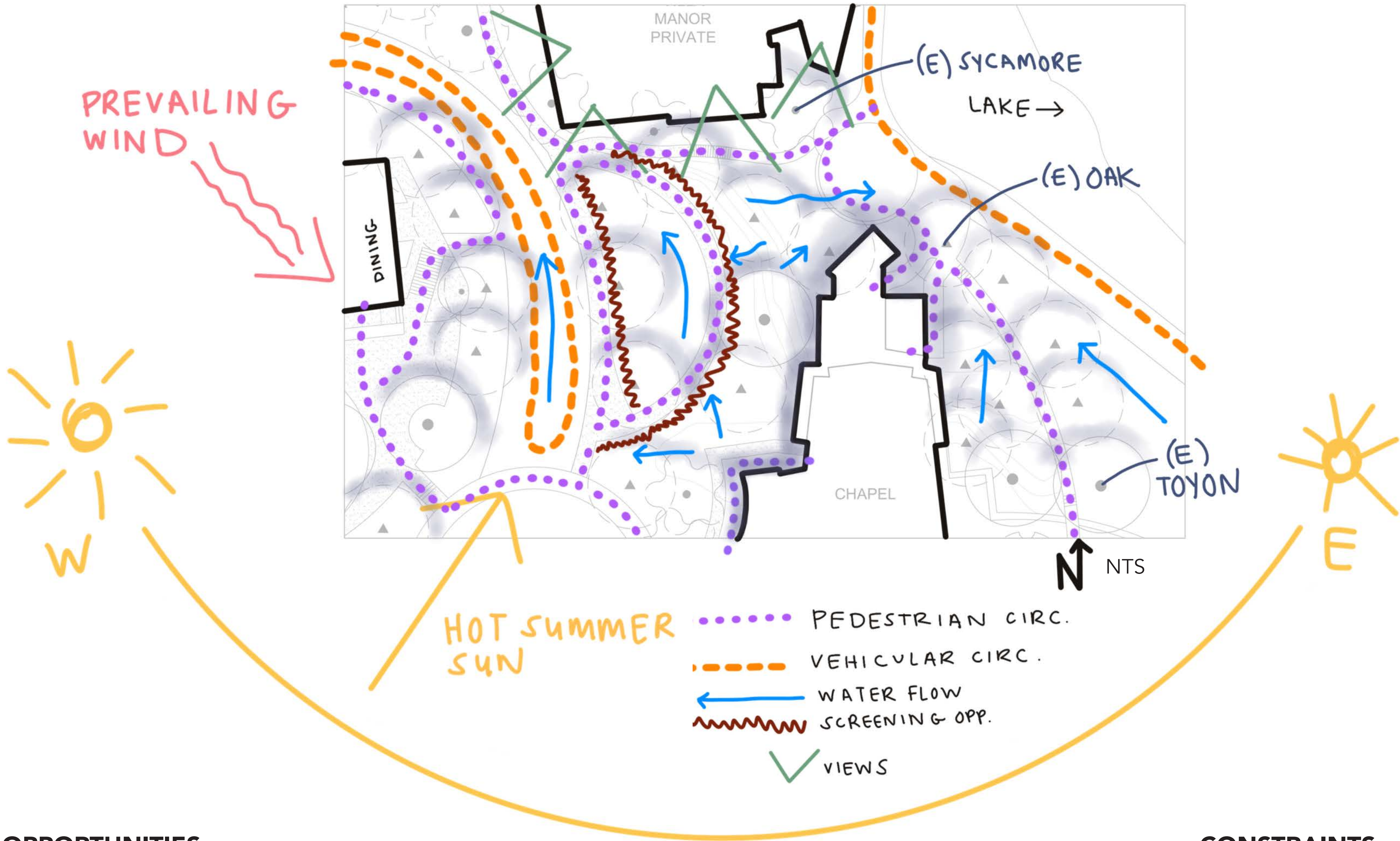


SISTERS OF SOCIAL SERVICE WELLNESS GARDEN PLANTING PLAN



SITE ANALYSIS



OPPORTUNITIES:

- Draw visitors and residents into the garden
- Restore habitat and attract wildlife with plants and water
- Add seating and space to rest and gather
- Create a multi-sensory experience
- Plant screening along the road
- Create a sense of enclosure

CONSTRAINTS:

- Steep slope limits seating opportunities for wheelchairs
- Close proximity to the road (although very light traffic)
- Sensitive oak root zones

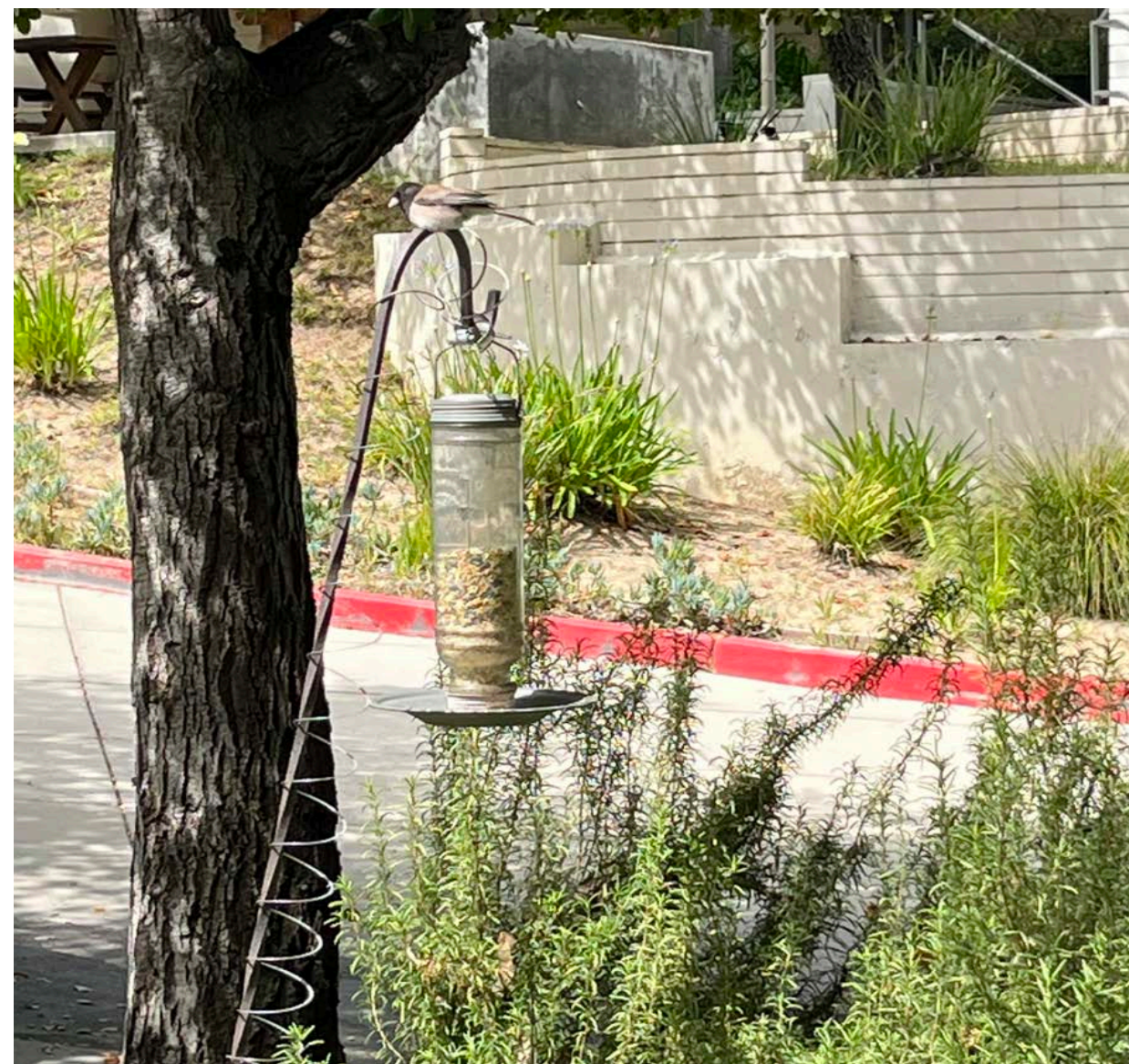
SITE PHOTOS



St. Francis statue



Mallard ducks



Bird feeder

BIG IDEA



This proposed plant palette includes plant selections for a Healing Garden for the Sisters of Social Service in Encino, California. The Holy Spirit Retreat Center was founded by the Sisters of Social Service of Los Angeles in the early 1930s. It was the first retreat center for women in the Archdiocese of Los Angeles, and was originally located in the Mid-Wilshire district. In 1969 the Center moved to its current location in Encino.

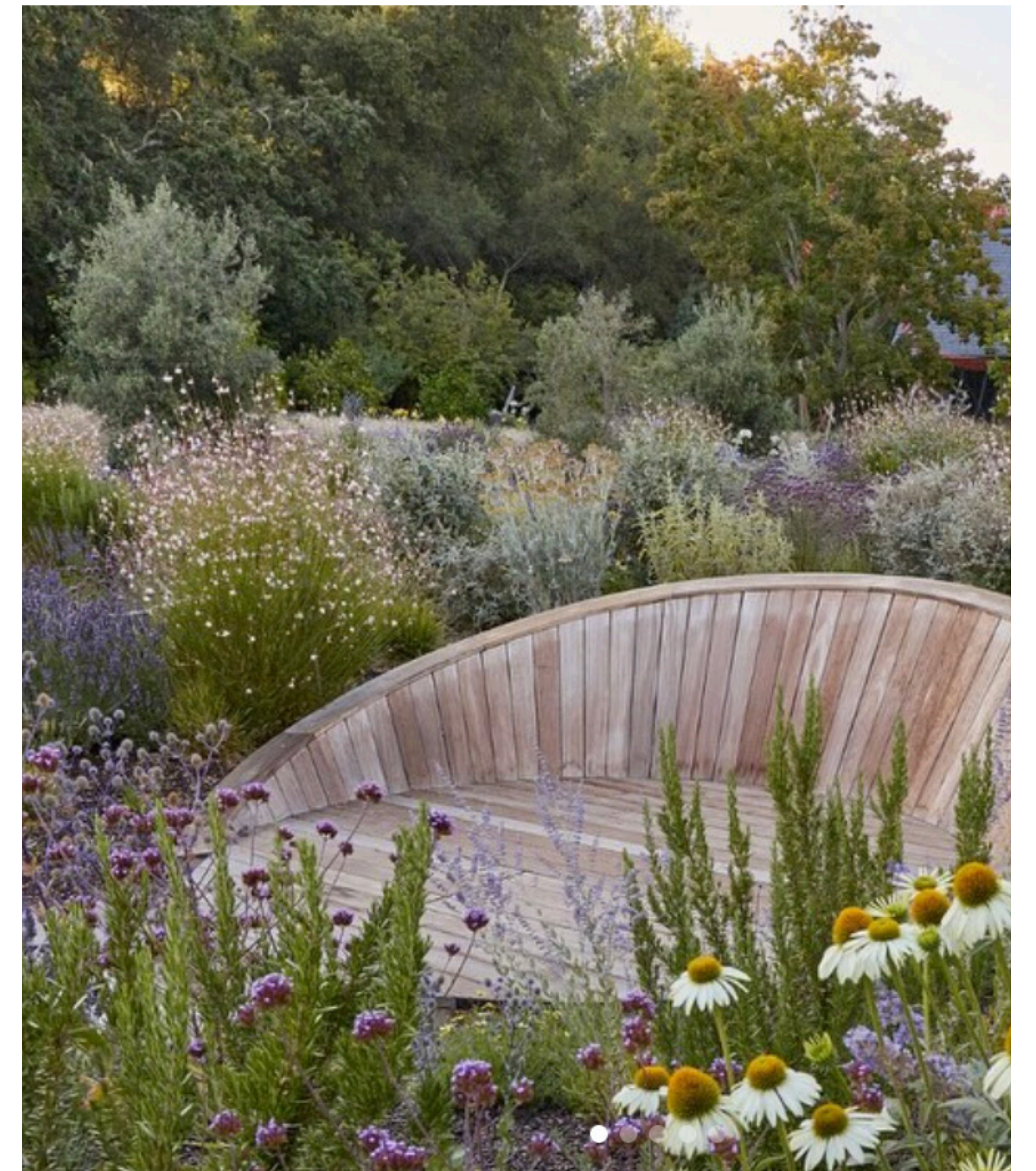
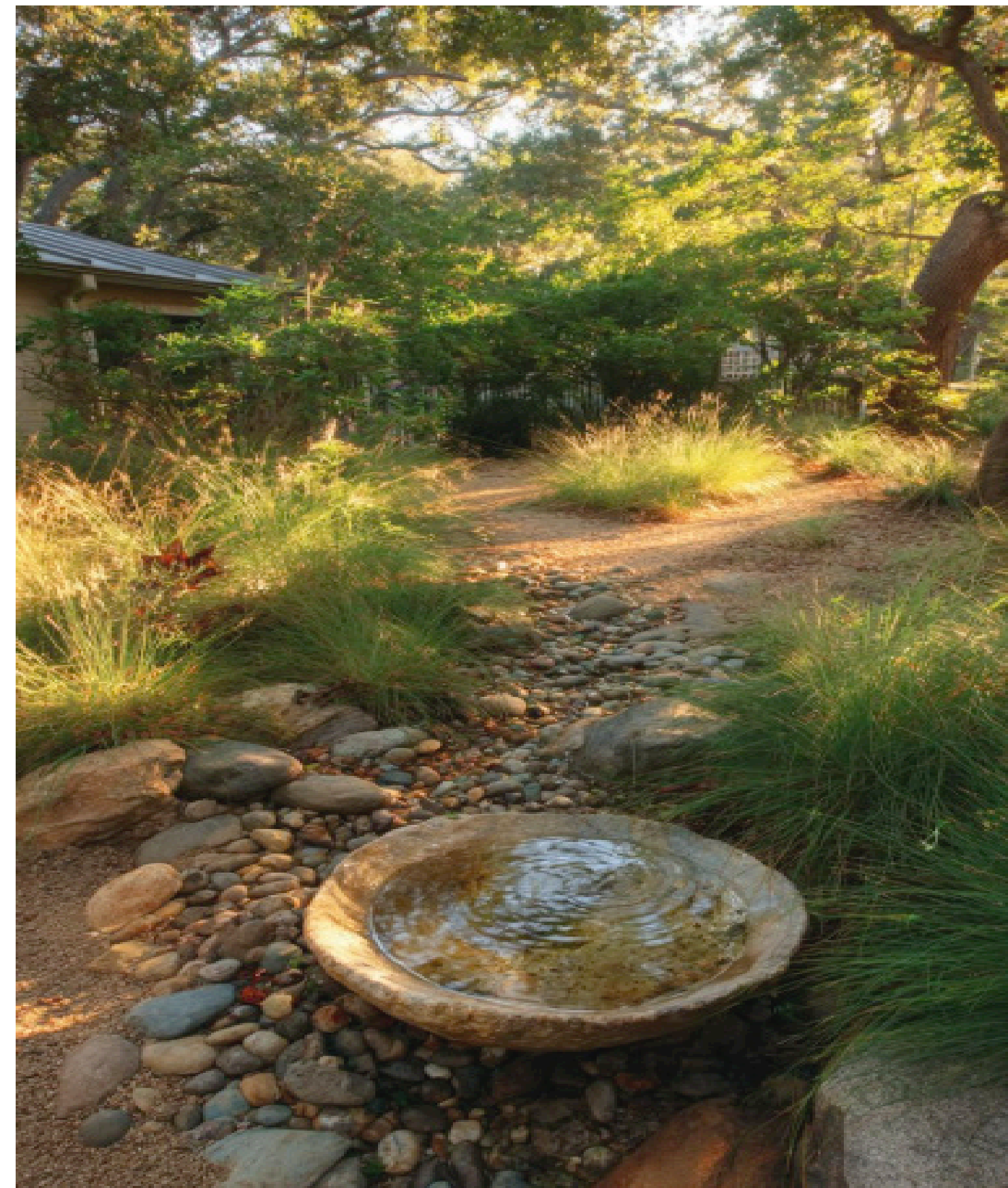
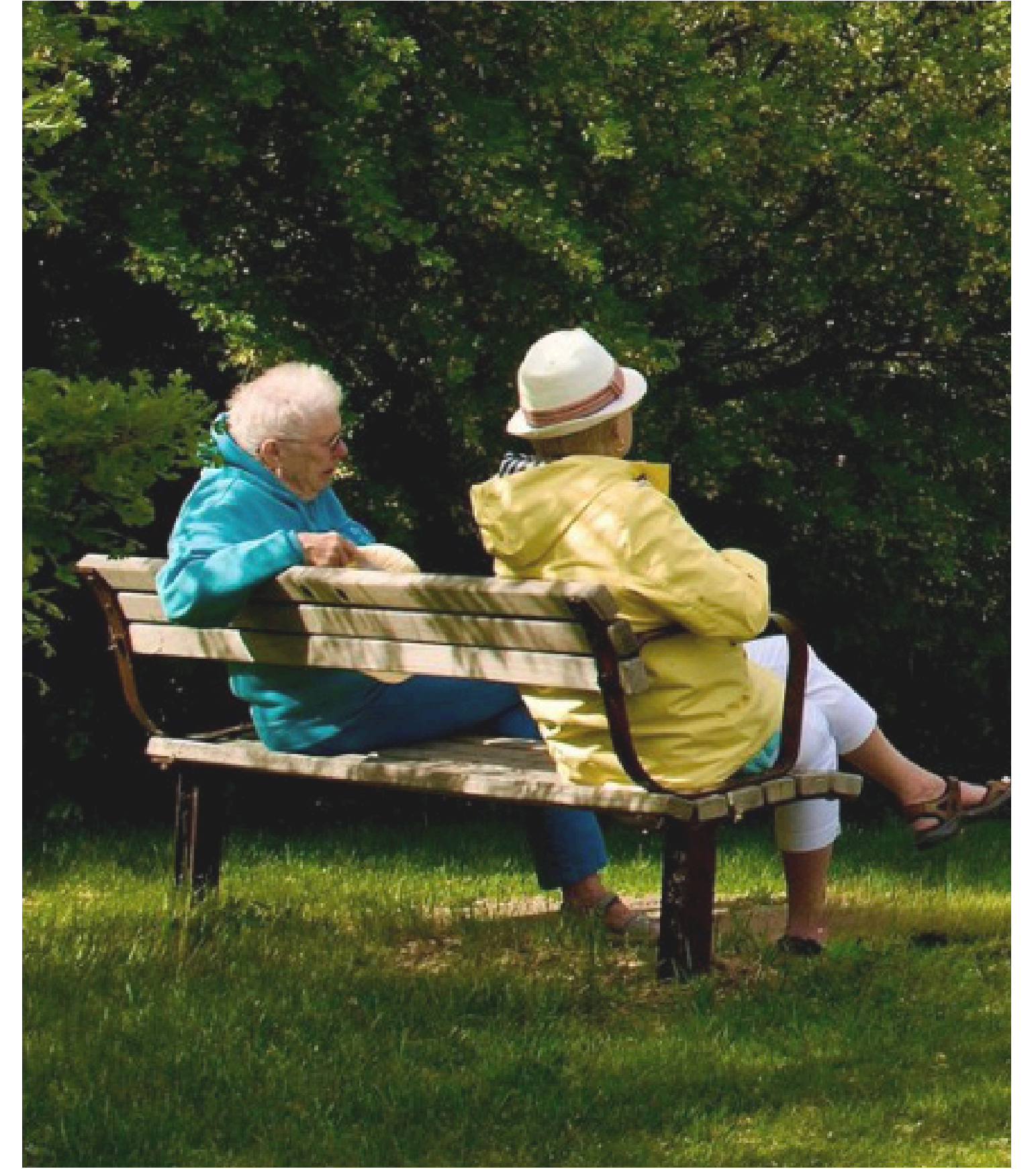
For the past 57 years, approximately 19,000 people of all ages and backgrounds visit the retreat center annually to refresh their spirits and to soak in the quiet and wooded beauty of the site.

Saint Francis of Assisi, the patron saint of the animals and ecology, is the muse and guide for this garden. The big idea is to welcome life into the garden. Plants and a small water feature will stimulate the senses and bring insects, birds, reptiles, small mammals, visitors and the Sisters who live onsite *into* the garden. The existing site has a damaged Saint Francis statue and bird feeders that attract jays and ducks from the nearby pond. This garden design will execute the Sisters' original intent to bring life into this small pocket of the site.

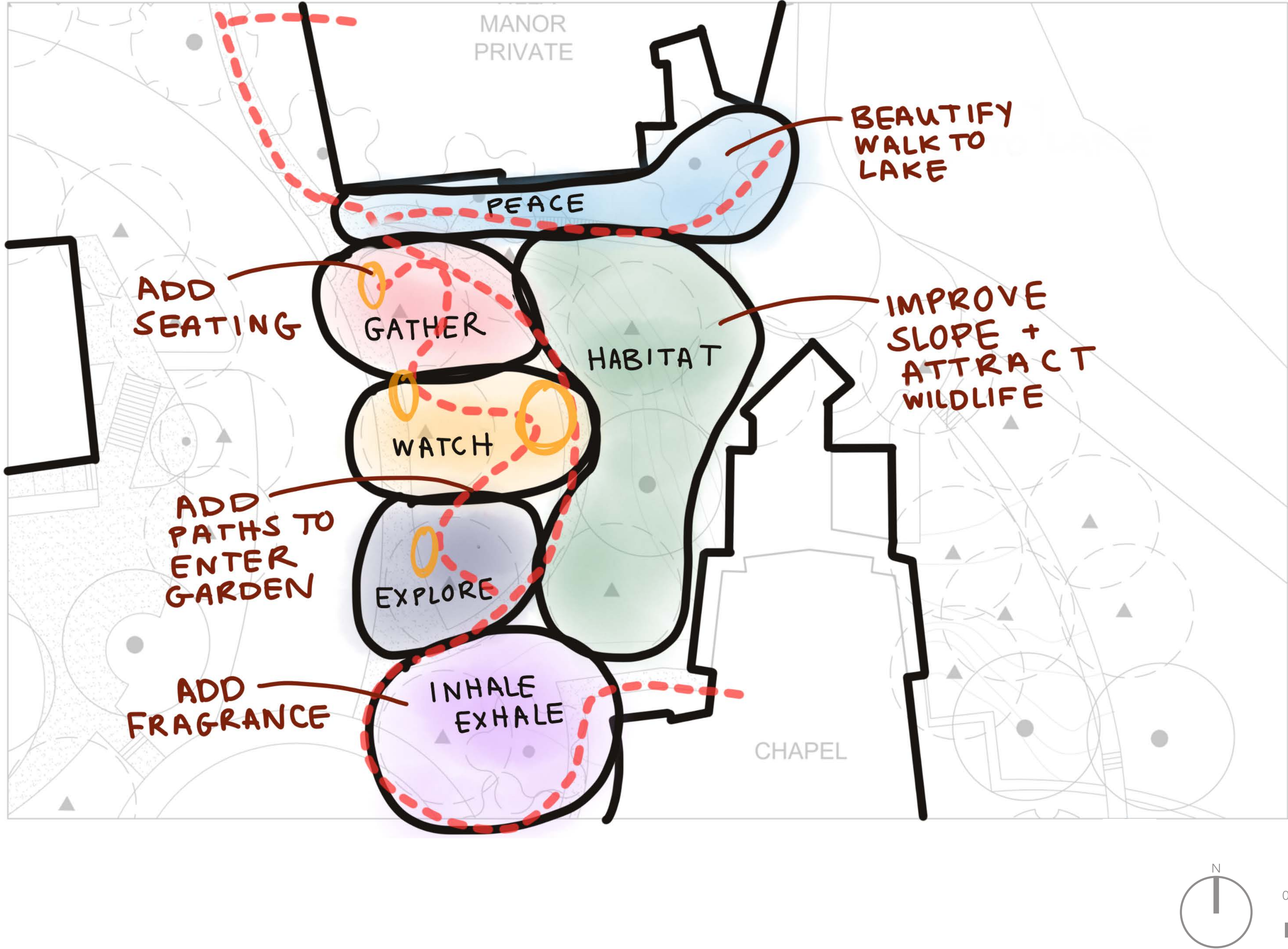
When I studied in Italy in 2013, I visited the Papal Basilica and Sacred Convent of Saint Francis in Assisi, Italy (1). I went back through my photos in search of inspiration but found that the grounds were devoid of life. Beyond the walls of the convent, cyprus, olives, and cedars dot the landscape (2,4) and fountains fill the piazzas (3). This garden will carry the spirit of the Italian countryside and Saint Francis' love for animals.



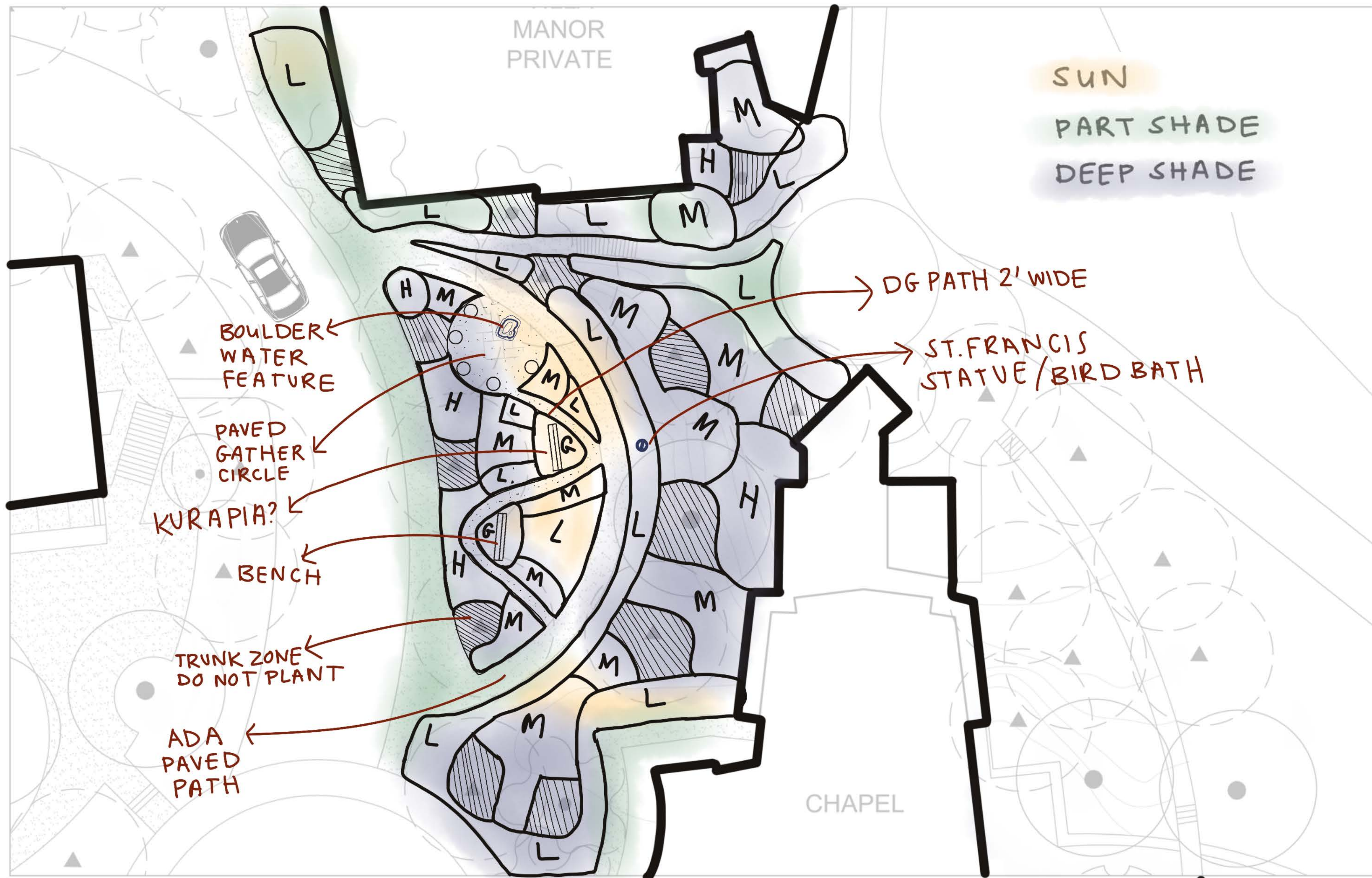
INSPIRATION IMAGES



BUBBLE DIAGRAM



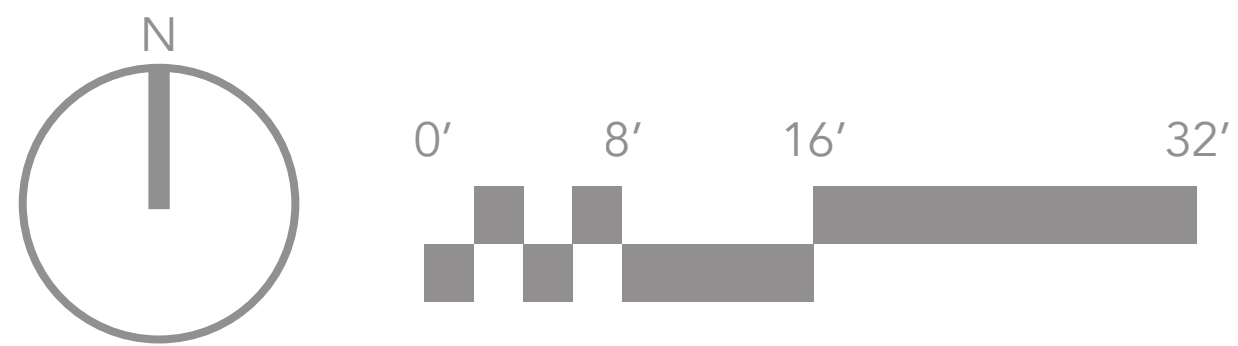
PLANTING PLAN DEVELOPMENT



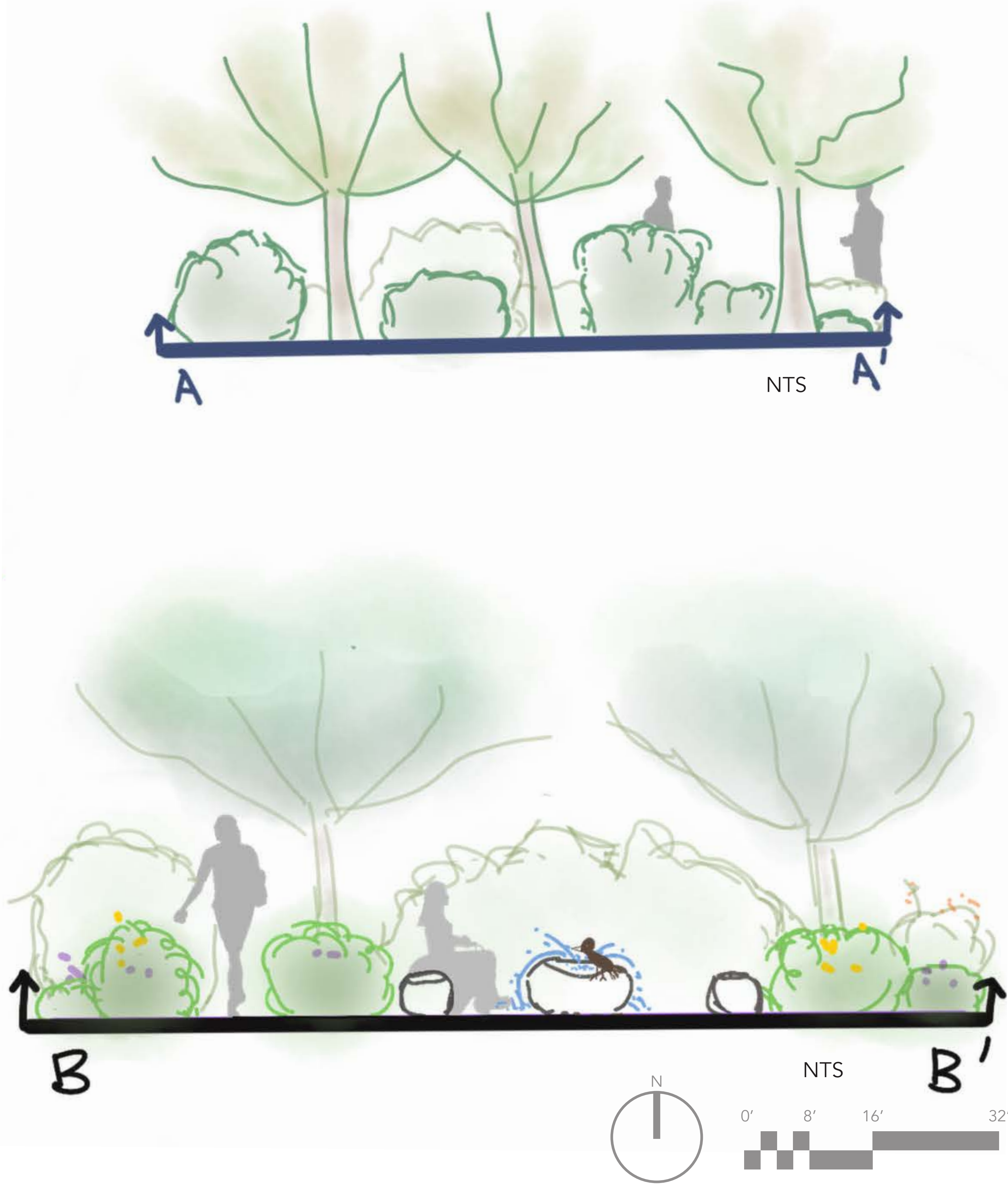
Existing boulder to use for water feature



Inspiration for St. Francis statue / bird bath



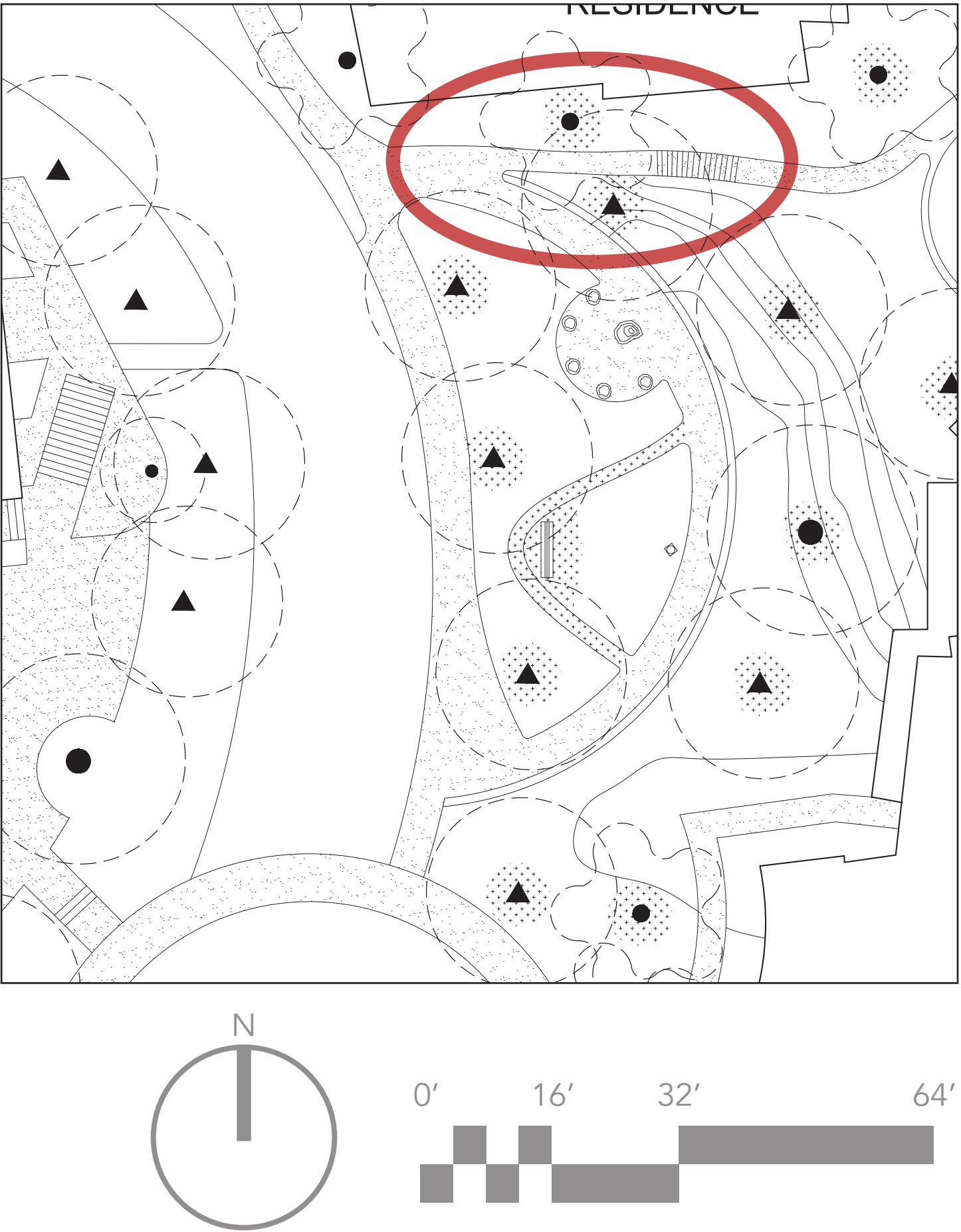
PLANTING PLAN DEVELOPMENT



PLANTING PLAN DEVELOPMENT



KEY MAP



PLANTING PLAN DEVELOPMENT



PLANTING PLAN DEVELOPMENT



TREES



Heteromeles arbutifolia
Toyon



Platanus racemosa
California Sycamore



Quercus lobata
Valley Oak



SHRUBS



Arctostaphylos x '*Ron Clendenen*'
Ron Clendenen Manzanita



Carpenteria californica '*Elizabeth*'
Elizabeth Bush Anemone



Ceanothus '*Centennial*'
Centennial Mountain Lilac



Ceanothus '*Concha*'
Concha California Lilac



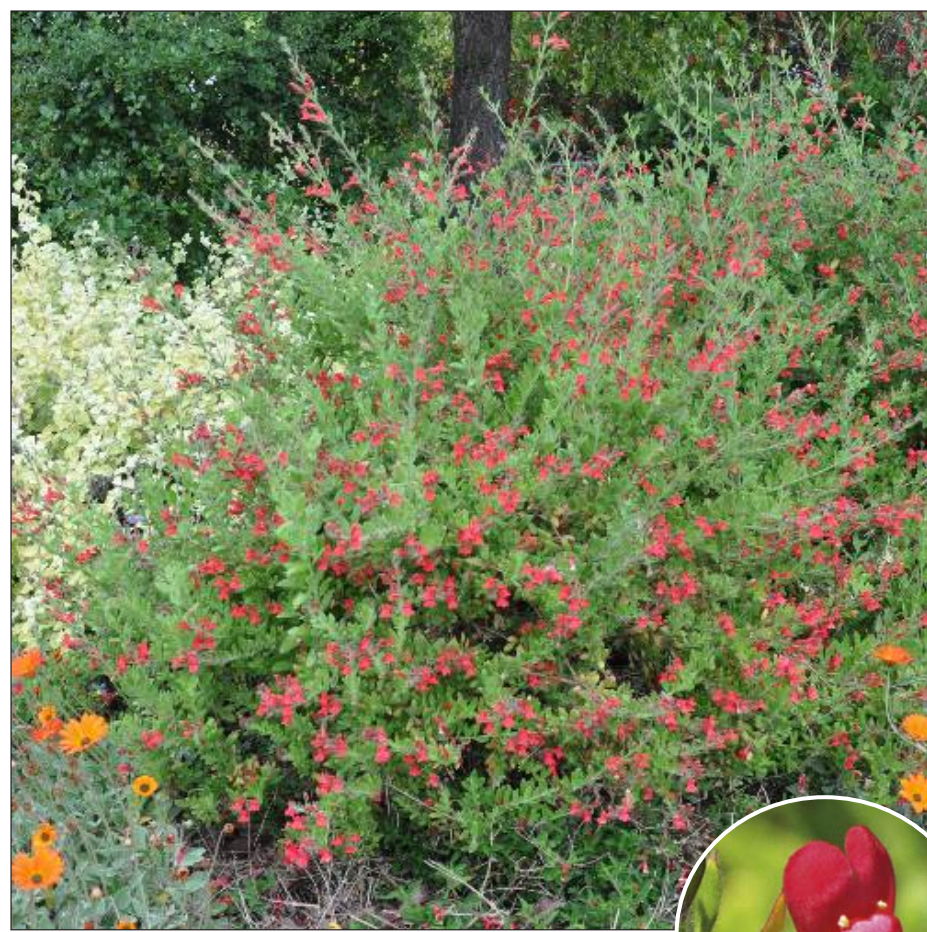
Frangula californica '*Ed Holm*'
Prostrate California Coffeeberry



Frangula californica '*Leatherleaf*'
Leatherleaf Coffeeberry



SHRUBS



Gambelia speciosa '*Firecracker*'
Fire Snapdragon



Ribes sanguineum glutinosum '*Claremont*'
Claremont Flowering Currant



Ribes viburnifolium
Catalina Evergreen Currant



Rosa californica
California Wild Rose



Salvia apiana
White Sage



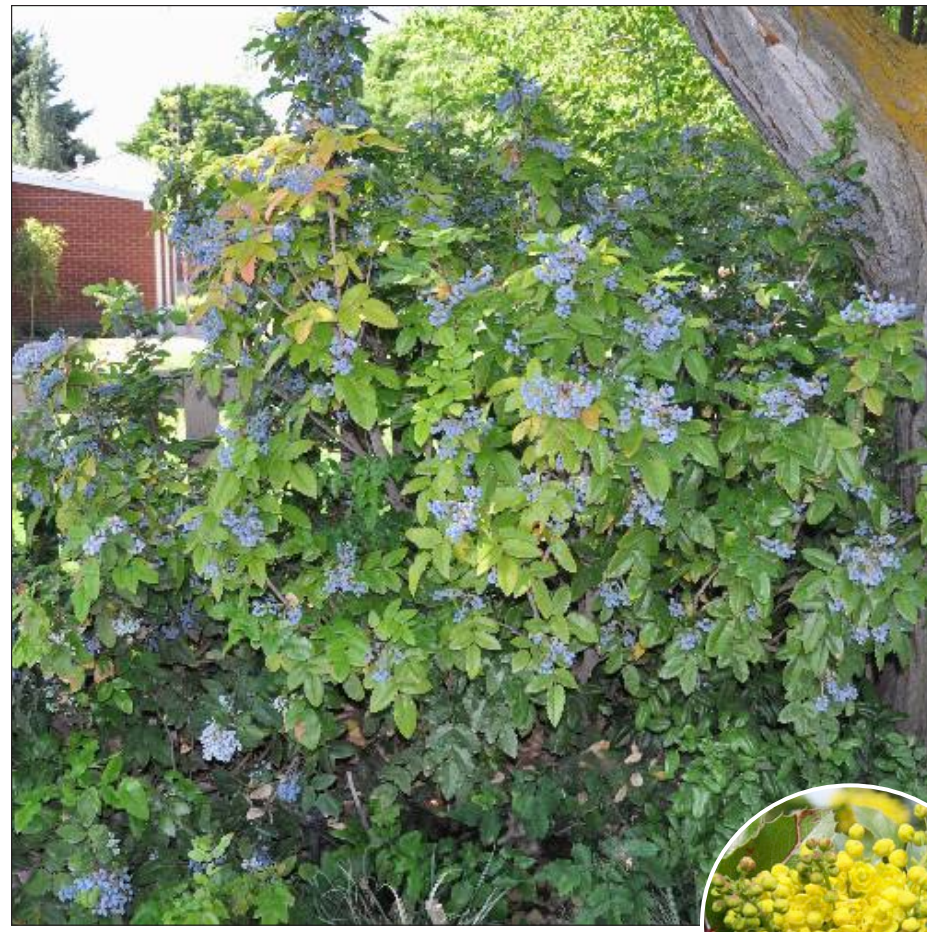
Salvia apiana '*Compacta*'
Compact White Sage



Salvia spathacea
Hummingbird Sage



Symphoricarpos mollis
Creeping Snowberry



Mahonia aquifolium
Oregon Grape



GROUND COVERS



Achillea millefolium
Common Yarrow



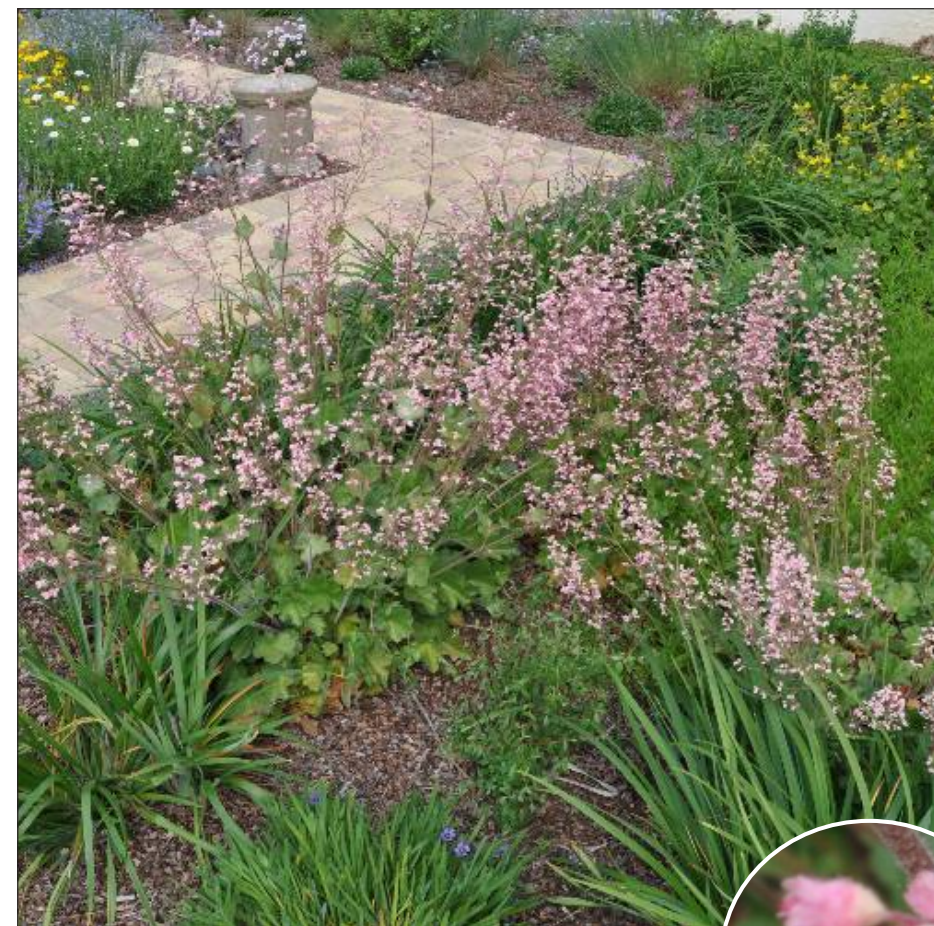
Salvia sonomensis 'Dara's Choice'
Dara's Choice Creeping Sage



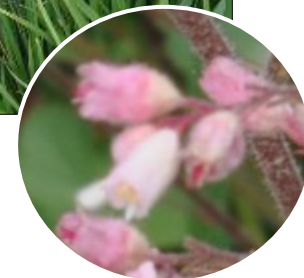
Stachys byzantina 'Silver Carpet'
Silver Carpet Lamb's Ear



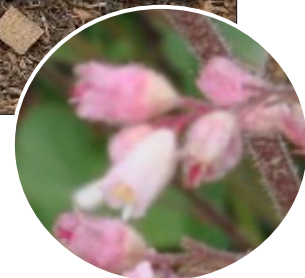
PERENNIALS



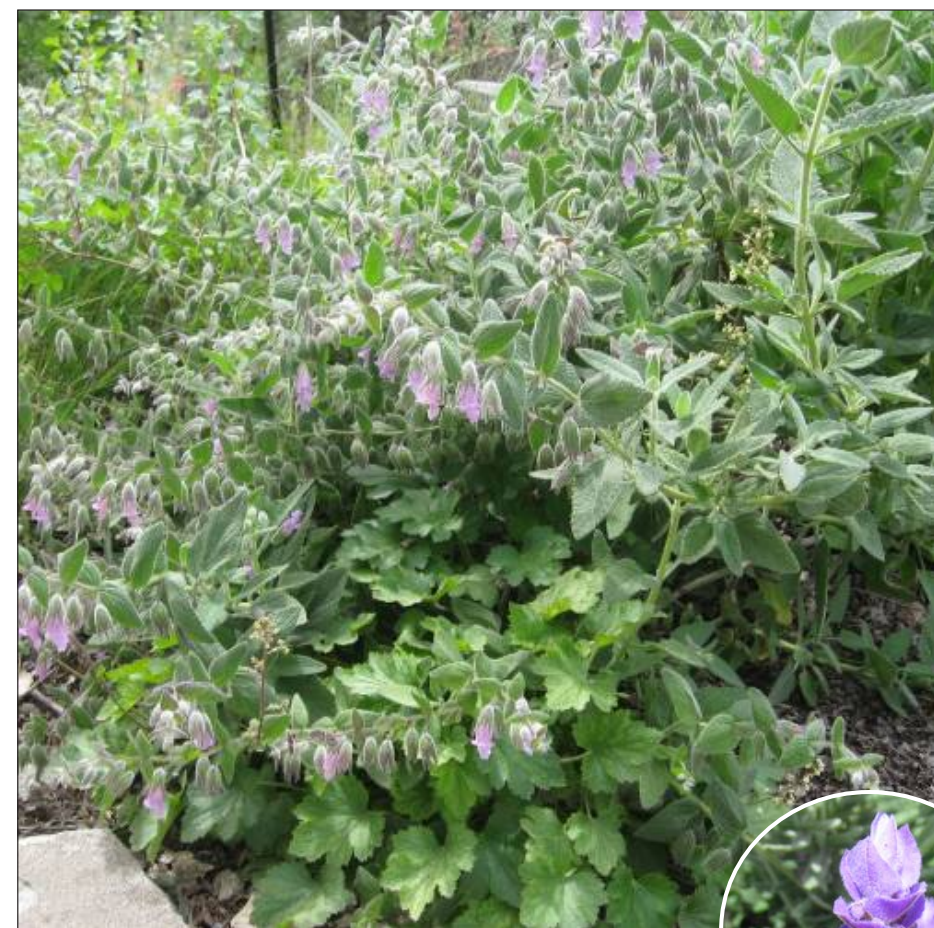
Heuchera 'Old La Rochette'
Old Rochette Coral Bells



Heuchera Primo 'Wild Rose'
Peachberry Ice Heuchera



Lavandula dentata
French Lavender



Lepechinia fragrans
Pitcher Sage



Sisyrinchium angustifolium
Blue-Eyed Grass



Verbena lilacina 'De La Mina'
Cedros Island Verbena



GRASSES



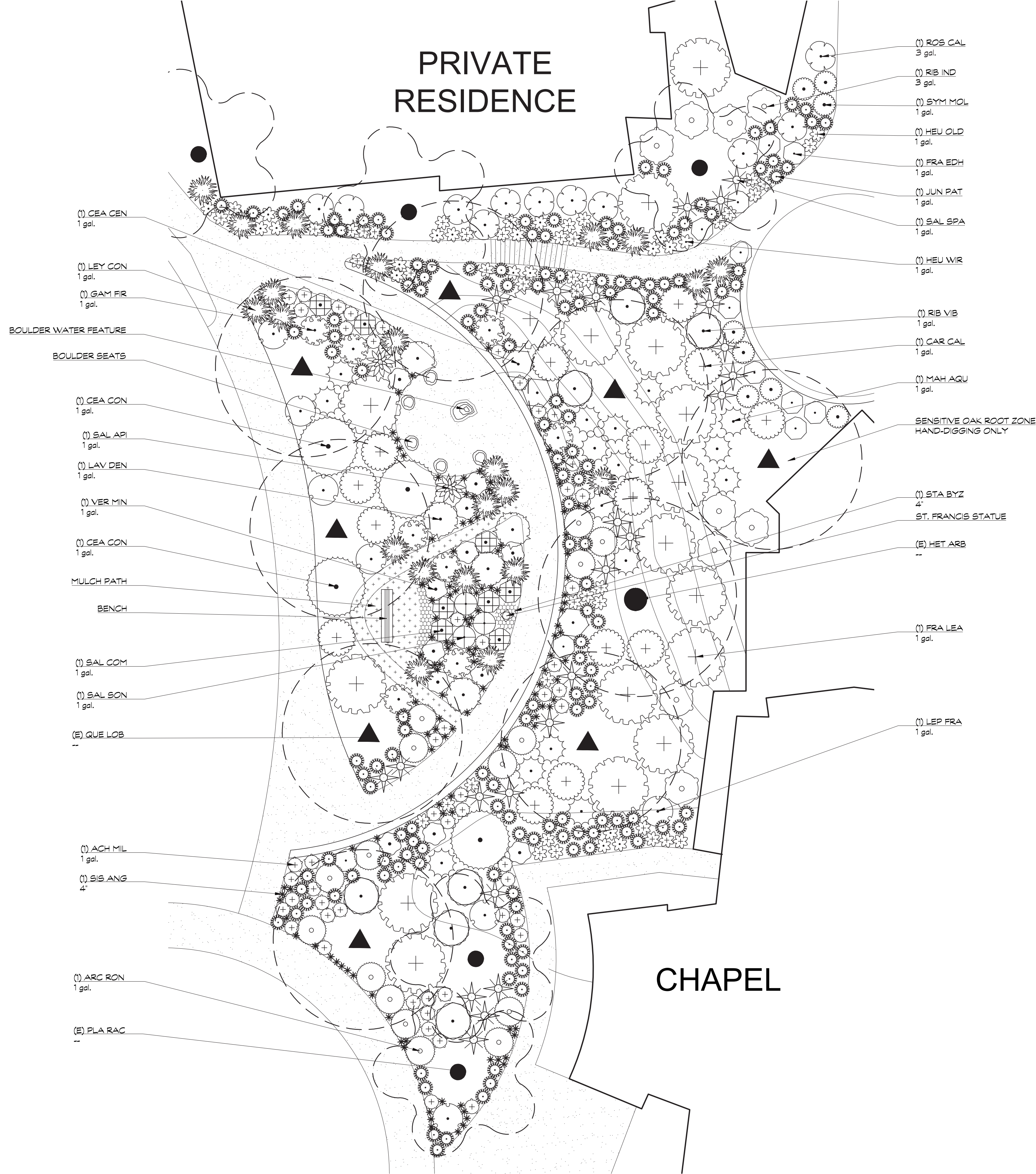
Juncus patens
California Gray Rush



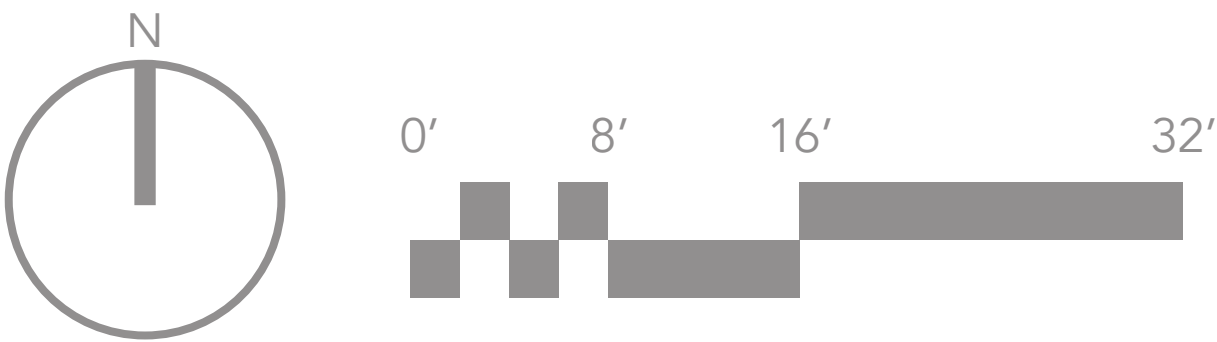
Leymus condensatus 'Canyon Prince'
Canyon Prince Wild Rye



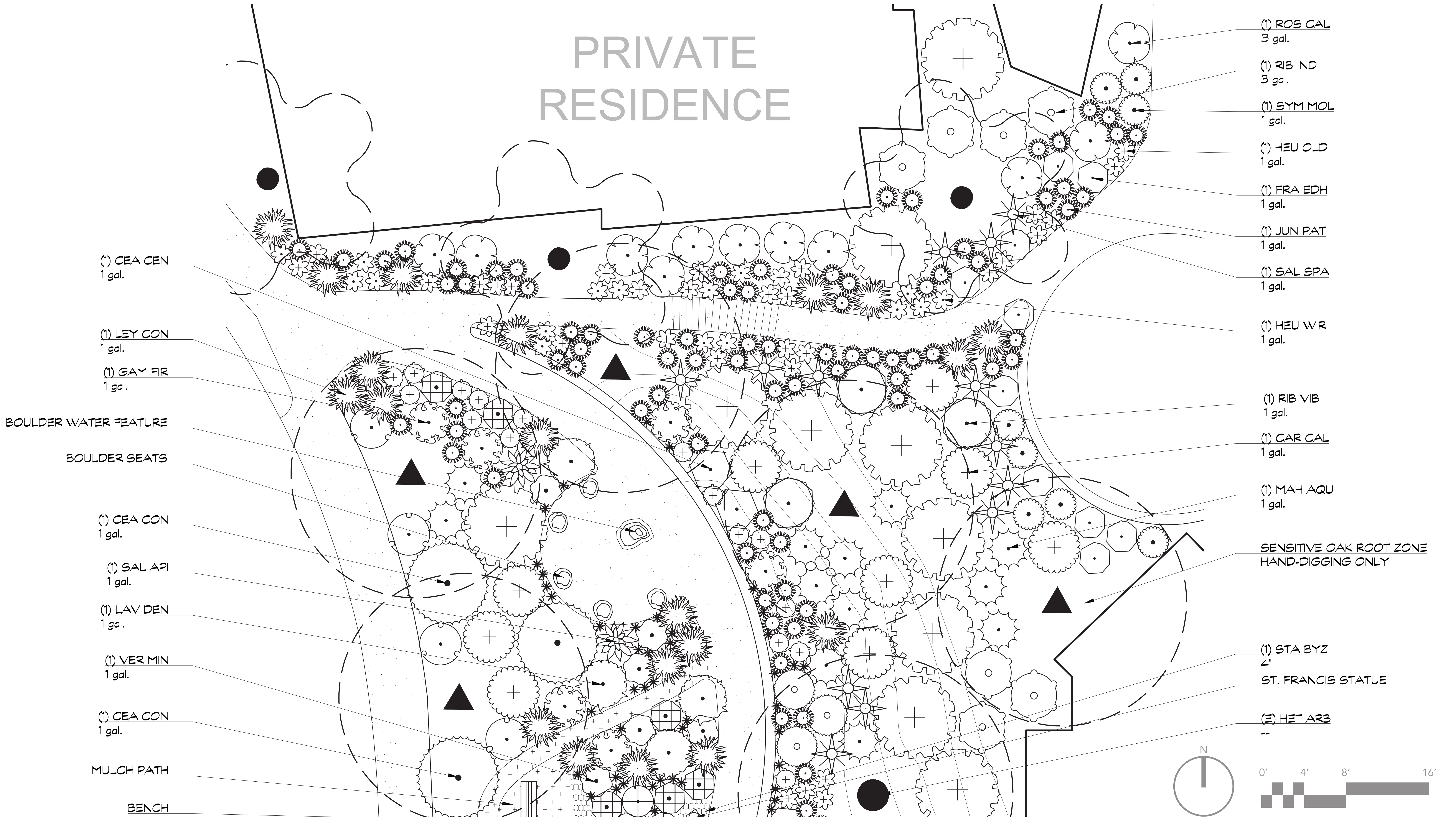
PLANTING PLAN



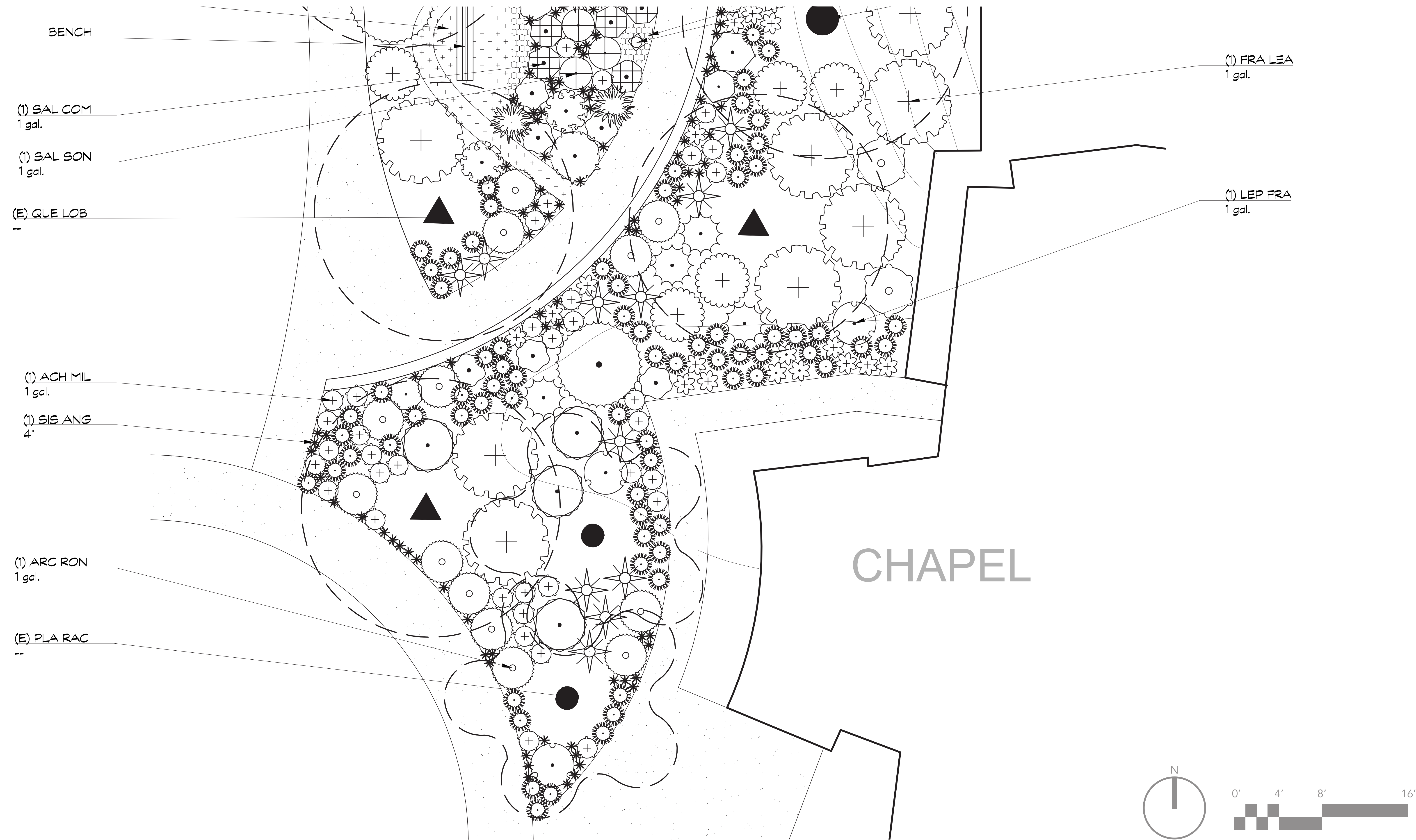
SYMBOL	CODE	BOTANICAL / COMMON NAME	QTY	SIZE	FAMILY
TREES					
	HET ARB	Heteromeles arbutifolia Toyon	1	EXISTING	Rosaceae
	PLA RAC	Platanus racemosa California Sycamore	1	EXISTING	Platanaceae
	QUE LOB	Quercus lobata Valley Oak	1	EXISTING	Fagaceae
SHRUBS					
	ARC RON	Arctostaphylos x 'Ron Clendenen' Ron Clendenen Manzanita	16	1 gal.	Ericaceae
	CAR CAL	Carpenteria californica 'Elizabeth' Elizabeth Bush Anemone	14	1 gal.	Philadelphaceae
	CEA CEN	Ceanothus 'Centennial' Centennial Mountain Lilac	3	1 gal.	Rhamnaceae
	CEA CON	Ceanothus 'Concha' Concha California Lilac	4	1 gal.	Rhamnaceae
	FRA EDH	Frangula californica 'Ed Holm' Prostrate California Coffeeberry	12	1 gal.	Rhamnaceae
	FRA LEA	Frangula californica 'Leatherleaf' Leatherleaf Coffeeberry	17	1 gal.	Rhamnaceae
	GAM FIR	Gambelia speciosa 'Firecracker' Fire Snapdragon	8	1 gal.	Scrophulariaceae
	MAH AQU	Mahonia aquifolium Oregon Grape	16	1 gal.	Berberidaceae
	RIB IND	Ribes sanguineum glutinosum 'Claremont' Claremont Flowering Currant	9	3 gal.	Grossulariaceae
	RIB VIB	Ribes viburnifolium Catalina Evergreen Currant	7	1 gal.	Grossulariaceae
	ROS CAL	Rosa californica California Wild Rose	11	3 gal.	Rosaceae
	SAL API	Salvia apiana White Sage	2	3 gal.	Lamiaceae
	SAL COM	Salvia apiana 'Compacta' Compact White Sage	8	1 gal.	Lamiaceae
	SAL SON	Salvia sonomensis 'Dara's Choice' Dara's Choice Creeping Sage	3	1 gal.	Lamiaceae
	SAL SPA	Salvia spathacea Hummingbird Sage	24	1 gal.	Lamiaceae
	SYM MOL	Symphoricarpos mollis Creeping Snowberry	8	1 gal.	Caprifoliaceae
GRASSES					
	JUN PAT	Juncus patens California Gray Rush	153	1 gal.	Juncaeae
	LEY CON	Leymus condensatus 'Canyon Prince' Canyon Prince Wild Rye	22	1 gal.	Poaceae
PERENNIALS					
	ACH MIL	Achillea millefolium Common Yarrow	52	1 gal.	Asteraceae
	HEU OLD	Heuchera 'Old La Rochette' Old Rochette Coral Bells	43	1 gal.	Saxifragaceae
	HEU WIR	Heuchera Primo 'Wild Rose' Peachberry Ice Heuchera	19	1 gal.	Saxifragaceae
	LAV DEN	Lavandula dentata French Lavender	5	1 gal.	Lamiaceae
	LEP FRA	Lepechinia fragrans Pitcher Sage	7	1 gal.	Lamiaceae
	SIS ANG	Sisyrinchium angustifolium Blue-Eyed Grass	126	4"	Iridaceae
	VER MIN	Verbena lilacina 'De La Mina' Cedros Island Verbena	12	1 gal.	Verbenaceae
GROUND COVERS					
	STA BYZ	Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ear	7 sf	4"	Lamiaceae



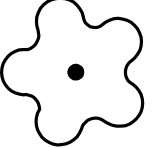
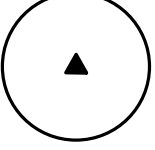
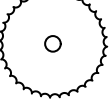
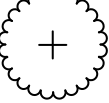
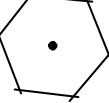
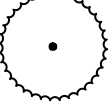
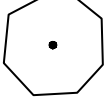
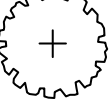
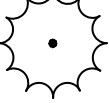
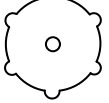
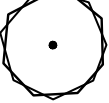
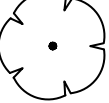
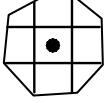
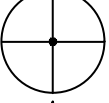
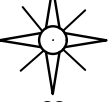
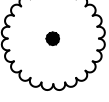
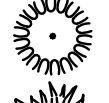
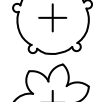
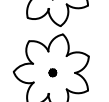
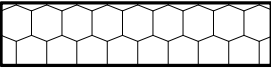
PLANTING PLAN



PLANTING PLAN



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	FAMILY	WUCOLS	SUMMER WATER	WILDLIFE	HEIGHT X WIDTH	SOIL TOLERANCES	SUN EXPOSURE	SEASON OF BLOOM	
TREES												
	HET ARB	Heteromeles arbutifolia Toyon	EXISTING	Rosaceae	Low	1x Month	Bats, Bears, Birds, Coyote, Pollinators, Small Mammals	15' x 15'	Clay, Silty, Sandy, Loamy, Well-drained, Dry	Part shade, Full sun	Late Spring, Early Summer	
	PLA RAC	Platanus racemosa California Sycamore	EXISTING	Platanaceae	Low	1x Month	Bats, Birds, Small Mammals, Pollinators	50' x 50'	Silty, Sandy, Organic, Alkaline	Part shade, Full sun	Late Winter, Early Spring	
	QUE LOB	Quercus lobata Valley Oak	EXISTING	Fagaceae	Low	1x Month	Bats, Birds, Butterflies, Caterpillars	50' x 50'	Clay, Silty, Loamy, Alkaline	Full sun	Mid-spring	
SHRUBS												
	ARC RON	Arctostaphylos x 'Ron Clendenen' Ron Clendenen Manzanita	1 gal.	Ericaceae	Low	Zero to Very Little	Bees, Birds, Butterflies, Caterpillars, Large Mammals, Small Mammals	.5'x4'	Sandy, Loamy, Rocky, Unparticular	Full, half, shade	Spring, Winter	
	CAR CAL	Carpenteria californica 'Elizabeth' Elizabeth Bush Anemone	1 gal.	Philadepiaceae	Low	Zero to Very Little	Bees, Birds, Butterflies, Hummingbirds, Moths	5' x 5'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half, shade	Spring, Summer	
	CEA CEN	Ceanothus 'Centennial' Centennial Mountain Lilac	1 gal.	Rhamnaceae	Low	Zero to Very Little	Bees, Birds, Butterflies, Caterpillars, Large Mammals, Small Mammals	.5'x4'	Sandy, Loam, Rocky, Chalk	Full, half	Summer	
	CEA CON	Ceanothus 'Concha' Concha California Lilac	1 gal.	Rhamnaceae	Low	None	Bees, Butterflies, Hummingbirds, Moths	5'x10'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half	Spring	
	FRA EDH	Frangula californica 'Ed Holm' Prostrate California Coffeeberry	1 gal.	Rhamnaceae	Very Low	1x Month	Bees, Birds, Butterflies, Deer, Moths, Small Mammals	1'x3'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half	n/a	
	FRA LEA	Frangula californica 'Leatherleaf' Leatherleaf Coffeeberry	1 gal.	Rhamnaceae	Very Low	None	Bats, Bees, Birds, Butterflies, Caterpillars, Small Mammals	6'x8'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half, shade	Spring	
	GAM FIR	Gambelia speciosa 'Firecracker' Fire Snapdragon	1 gal.	Scrophulariaceae	Very Low	1x Month	Bees, Birds, Butterflies, Caterpillars, Large Mammals, Small Mammals	2'x4'	Sandy, Clay, Loam, Rocky	Full, half	Spring, Summer, Intermittent	
	MAH AQU	Mahonia aquifolium Oregon Grape	1 gal.	Berberidaceae	Low	1x Month	Bees, Birds, Butterflies, Caterpillars, Large Mammals, Small Mammals	4'x4'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half, shade	Spring	
	RIB IND	Ribes sanguineum glutinosum 'Claremont' Claremont Flowering Current	3 gal.	Grossulariaceae	Low	1x Month	Birds, Hummingbirds	6'x5'	Sandy, Clay, Loamy, Rocky, Unparticular	Half, shade	Winter	
	RIB VIB	Ribes viburnifolium Catalina Evergreen Currant	1 gal.	Grossulariaceae	Low	Zero to Very Little	Bees, Birds, Butterflies, Hummingbirds, Small Mammals	4'x8	Sandy, Clay, Loamy, Rocky, Unparticular	Half, shade	Spring	
	ROS CAL	Rosa californica California Wild Rose	3 gal.	Rosaceae	Medium	2x Month	Bees, Butterflies, Hummingbirds, Moths	6'x5'	Clay, Loam	Full, half, shade	Spring, Summer	
	SAL API	Salvia apiana White Sage	3 gal.	Lamiaceae	Low	1x Month	Bees, Birds, Deer, Hummingbirds, Small Mammals	5' x 5'	Sandy, Clay, Loamy, Rocky, Unparticular	Full	Spring	
	SAL COM	Salvia apiana 'Compacta' Compact White Sage	1 gal.	Lamiaceae	Very Low	Zero to Very Little	Bees, Butterflies, Hummingbirds, Moths	1'x3'	Sandy, Clay, Loamy, Rocky, Unparticular	Full	Spring	
	SAL SON	Salvia sonomensis 'Dara's Choice' Dara's Choice Creeping Sage	1 gal.	Lamiaceae	Low	Zero to Very Little	Bees, Butterflies, Hummingbirds, Moths	.5'x3'	Sandy, Loam, Rocky, Chalk	Full, half	Spring	
	SAL SPA	Salvia spathacea Hummingbird Sage	1 gal.	Lamiaceae	Low	1x Month	Bees, Birds, Butterflies, Hummingbirds, Moths	2'x4'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half, shade	Spring, Summer	
	SYM MOL	Symphoricarpos mollis Creeping Snowberry	1 gal.	Caprifoliaceae	Low	1x Month	Bats, Bees, Birds, Butterflies, Caterpillars, Hummingbirds, Large Mammals, Small Mammals	1'x3'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half, shade	Spring, Summer	
GRASSES												
	JUN PAT	Juncus patens California Gray Rush	1 gal.	Juncaeae	Low	1x Month	Birds, Caterpillars, Reptiles	2' x 2'	Sandy, Clay, Loam	Full, half, shade	n/a	
	LEY CON	Leymus condensatus 'Canyon Prince' Canyon Prince Wild Rye	1 gal.	Poaceae	Low	Zero to Very Little	Reptiles	2'x4'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half	Summer	
PERENNIALS												
	ACH MIL	Achillea millefolium Common Yarrow	1 gal.	Asteraceae	Low	1x Month	Bees, Butterflies, Hummingbirds, Moths	2' x 2'	Sandy, Loamy, Rocky, Chalk	Full, half	Summer	
	HEU OLD	Heuchera 'Old La Rochette' Old Rochette Coral Bells	1 gal.	Saxifragaceae	Low	1x Month	Hummingbirds	1'x2'	Sandy, Loam, Rocky, Chalk	Half, shade	Spring, Summer	
	HEU WIR	Heuchera Primo 'Wild Rose' Peachberry Ice Heuchera	1 gal.	Saxifragaceae	Low	1x Month	Hummingbirds	1'x2'	Loam, Rocky, Chalk	Half, shade	Spring, Summer	
	LAV DEN	Lavandula dentata French Lavender	1 gal.	Lamiaceae	Low	1x Month	Bees, Birds, Butterflies, Hummingbirds, Moths	3'x5'	Sandy, Loam, Chalk	Full, half	Spring, Summer	
	LEP FRA	Lepechinia fragrans Pitcher Sage	1 gal.	Lamiaceae	Low	1x Month	Bees, Butterflies, Hummingbirds, Moths	5' x 5'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half, shade	Spring, Summer	
	SIS ANG	Sisyrinchium angustifolium Blue-Eyed Grass	4"	Iridaceae	Low	1x Month	Bees, Butterflies, Hummingbirds, Moths	.5'x1'	Sandy, Clay, Loam	Full, half	Winter, Spring, Summer	
	VER MIN	Verbena lilacina 'De La Mina' Cedros Island Verbena	1 gal.	Verbenaceae	Very Low	1x Month	Bees, Butterflies, Hummingbirds, Moths	1'x3'	Sandy, Clay, Loamy, Rocky, Unparticular	Full, half	Spring, Summer, Fall	
GROUND COVERS												
	STA BYZ	Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ear	4"	Lamiaceae	Low	2x Month	Bees, Butterflies	8" x 30"	Sandy, Clay, Loam	Full	Spring	

DESIGN + MAINTENANCE



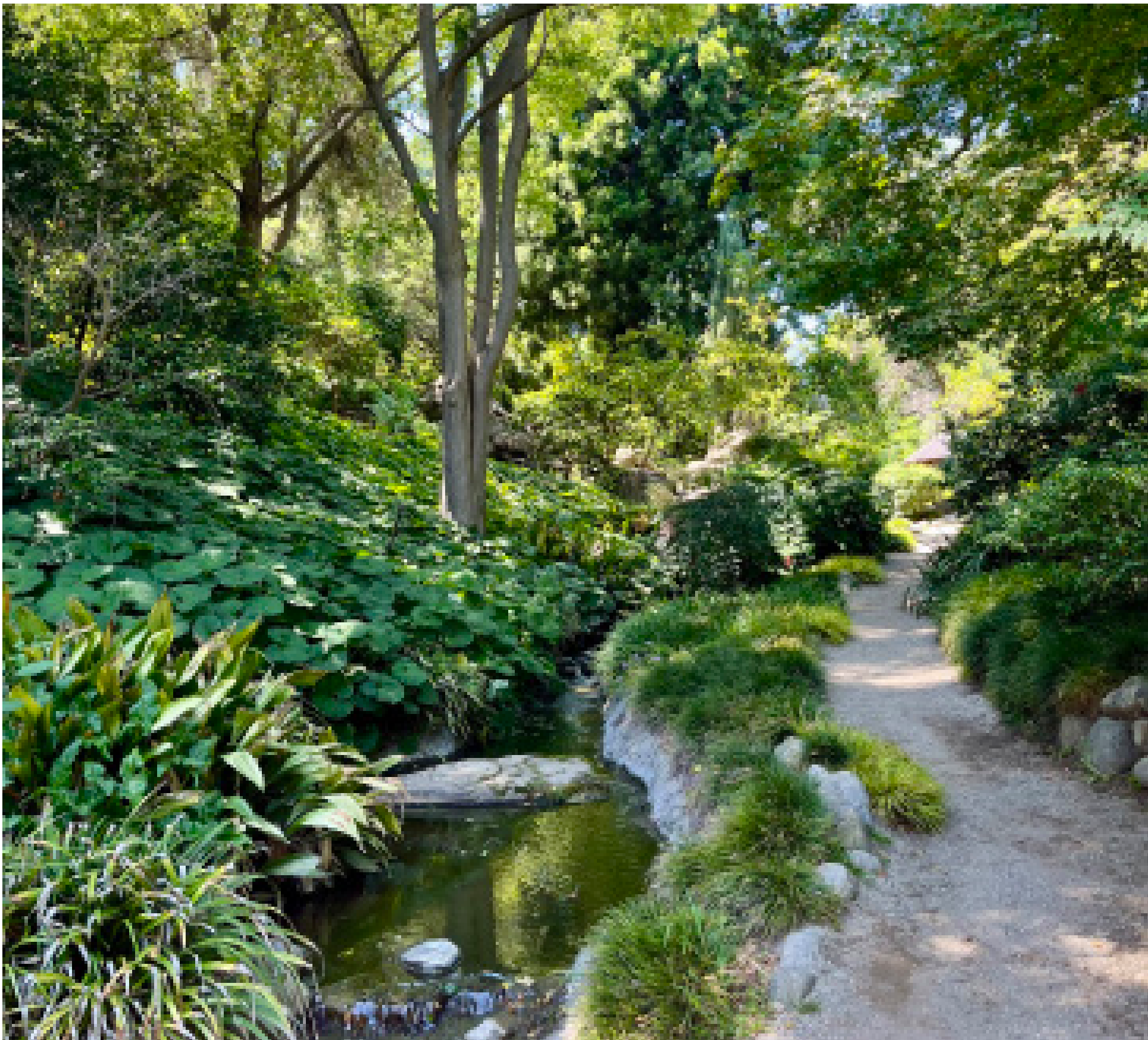
PREPARE YOUR SOIL

The existing compacted loam on site will work for the plants specified in this palette, but it will need to be worked, loosened, and revitalized before planting. Most of the plants specified for this site prefer well-draining soil. Fresh topsoil and compost need to be worked into the earth to ensure the new plants will survive.

Amending the soil is important to bring vitality and nutrients back to the earth. You can do this by adding 3-4" of compost and bio-char. You'll then want to add a few inches of fresh topsoil and mulch. Mulch will help retain moisture and keep the roots cool.

Before you plant, it's recommended to leave plants in their pots in the location where they'll be planted for a few days, if possible. This helps them acclimate to the light and location. Then, soak each hole with water before planting. Let the water soak and absorb so that the plant settles into a moist area. It is critical to do this in the fall or early winter, when oaks are able to receive water. If you do this in the summer, you will cause harm to the oaks and introduce the possibility of oak root fungus.

Regular irrigation will be required for the first year or two to help establish this garden. Once established, watering will be dramatically reduced, making this a low water use site. Continuous air circulation will also help your plants thrive, so be sure the plants are not planted too closely to one another to receive adequate air flow.



DESIGN GUIDE

The garden is designed to create plant communities that thrive in the same sun, soil, and water requirements. Some even prefer to grow together, which is reflected in their placement on the planting plan. The colors, textures, shapes, and size are also considered to create a cohesive and intentional composition.

The garden is mixed with plants of various heights, which will be planted in descending order with the tallest in the back. Some taller hedges will also be planted along the road to provide screening for the seating areas.

The plants on the slope near the chapel are intended to be a habitat area for wildlife, so it's okay for them to grow in a natural, more wild way. However, seasonal trimming and maintenance is still recommended to keep them healthy and to ensure airflow between plants.

The sunny meadow area is intended to attract pollinators and provide fragrance for people sitting or passing through the area. The design focus is along the path edges, since those are the most frequented by the Sisters and visitors. Plants with soft edges were selected for path edges.

Prostrate varieties of manzanita, coffeeberry, and snowberry should be maintained so that they don't take over, but continue to provide an evergreen ground cover mat that allows colorful perennials to pop.



IRRIGATION AND MAINTENANCE

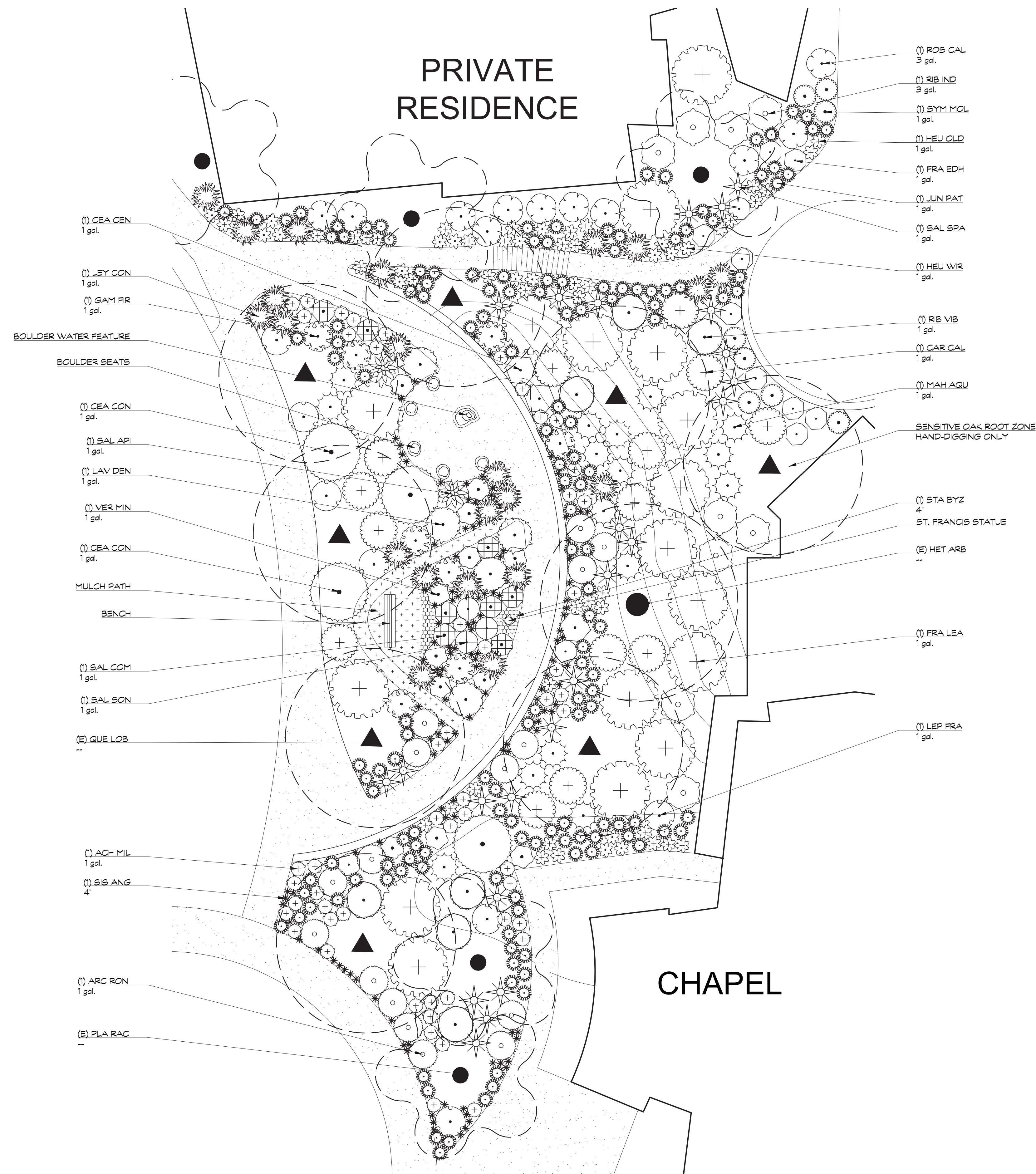
Drip irrigation or hand watering are the only ways to water this area to ensure protection of the oaks, which are susceptible to oak root fungus and rot if they receive water in the summer, or too much water in general.

All drip irrigation lines MUST be on the edge or outside of the drip line (canopy edge) of the oak trees. The northern edge of the site, between the path and residence building, can handle more irrigation than the oak zone because sycamores prefer a bit more water.

When establishing this garden, it is **critical to begin planting and irrigation in the late fall or early winter, which is when oaks are able to receive water.** During the garden's first 1-2 summers, you should water 1-2x per month, and after that you can eliminate summer irrigation in the oak zones all together. This garden is 95% California native plants and all require low or very low water use.

It's important to never over water plants. Watch the garden carefully to see how they respond to sun, soil, and water, and adjust watering and placement as necessary. If winter rains are exceptionally low, you can provide supplemental irrigation in the fall or winter, but never in the summer for oaks.

PLANTING PLAN



SYMBOL	CODE	BOTANICAL / COMMON NAME	QTY	SIZE	FAMILY
TREES					
	HET ARB	Heteromeles arbutifolia Toyon	1	EXISTING	Rosaceae
	PLA RAC	Platanus racemosa California Sycamore	1	EXISTING	Platanaceae
	QUE LOB	Quercus lobata Valley Oak	1	EXISTING	Fagaceae
SHRUBS					
	ARC RON	Arctostaphylos x 'Ron Clendenen' Ron Clendenen Manzanita	16	1 gal.	Ericaceae
	CAR CAL	Carpenteria californica 'Elizabeth' Elizabeth Bush Anemone	14	1 gal.	Philadelphaceae
	CEA CEN	Ceanothus 'Centennial' Centennial Mountain Lilac	3	1 gal.	Rhamnaceae
	CEA CON	Ceanothus 'Concha' Concha California Lilac	4	1 gal.	Rhamnaceae
	FRA EDH	Frangula californica 'Ed Holm' Prostrate California Coffeeberry	12	1 gal.	Rhamnaceae
	FRA LEA	Frangula californica 'Leatherleaf' Leatherleaf Coffeeberry	17	1 gal.	Rhamnaceae
	GAM FIR	Gambelia speciosa 'Firecracker' Fire Snapdragon	8	1 gal.	Scrophulariaceae
	MAH AQU	Mahonia aquifolium Oregon Grape	16	1 gal.	Berberidaceae
	RIB IND	Ribes sanguineum glutinosum 'Claremont' Claremont Flowering Currant	9	3 gal.	Grossulariaceae
	RIB VIB	Ribes viburnifolium Catalina Evergreen Currant	7	1 gal.	Grossulariaceae
	ROS CAL	Rosa californica California Wild Rose	11	3 gal.	Rosaceae
	SAL API	Salvia apiana White Sage	2	3 gal.	Lamiaceae
	SAL COM	Salvia apiana 'Compacta' Compact White Sage	8	1 gal.	Lamiaceae
	SAL SON	Salvia sonomensis 'Dara's Choice' Dara's Choice Creeping Sage	3	1 gal.	Lamiaceae
	SAL SPA	Salvia spathacea Hummingbird Sage	24	1 gal.	Lamiaceae
	SYM MOL	Symphoricarpos mollis Creeping Snowberry	8	1 gal.	Caprifoliaceae
GRASSES					
	JUN PAT	Juncus patens California Gray Rush	153	1 gal.	Juncaeae
	LEY CON	Leymus condensatus 'Canyon Prince' Canyon Prince Wild Rye	22	1 gal.	Poaceae
PERENNIALS					
	ACH MIL	Achillea millefolium Common Yarrow	52	1 gal.	Asteraceae
	HEU OLD	Heuchera 'Old La Rochette' Old Rochette Coral Bells	43	1 gal.	Saxifragaceae
	HEU WIR	Heuchera Primo 'Wild Rose' Peachberry Ice Heuchera	19	1 gal.	Saxifragaceae
	LAV DEN	Lavandula dentata French Lavender	5	1 gal.	Lamiaceae
	LEP FRA	Lepachinia fragrans Pitcher Sage	7	1 gal.	Lamiaceae
	SIS ANG	Sisyrinchium angustifolium Blue-Eyed Grass	126	4"	Iridaceae
	VER MIN	Verbena lilacina 'De La Mina' Cedros Island Verbena	12	1 gal.	Verbenaceae
GROUND COVERS					
	STA BYZ	Stachys byzantina 'Silver Carpet' Silver Carpet Lamb's Ear	7 sf	4"	Lamiaceae

