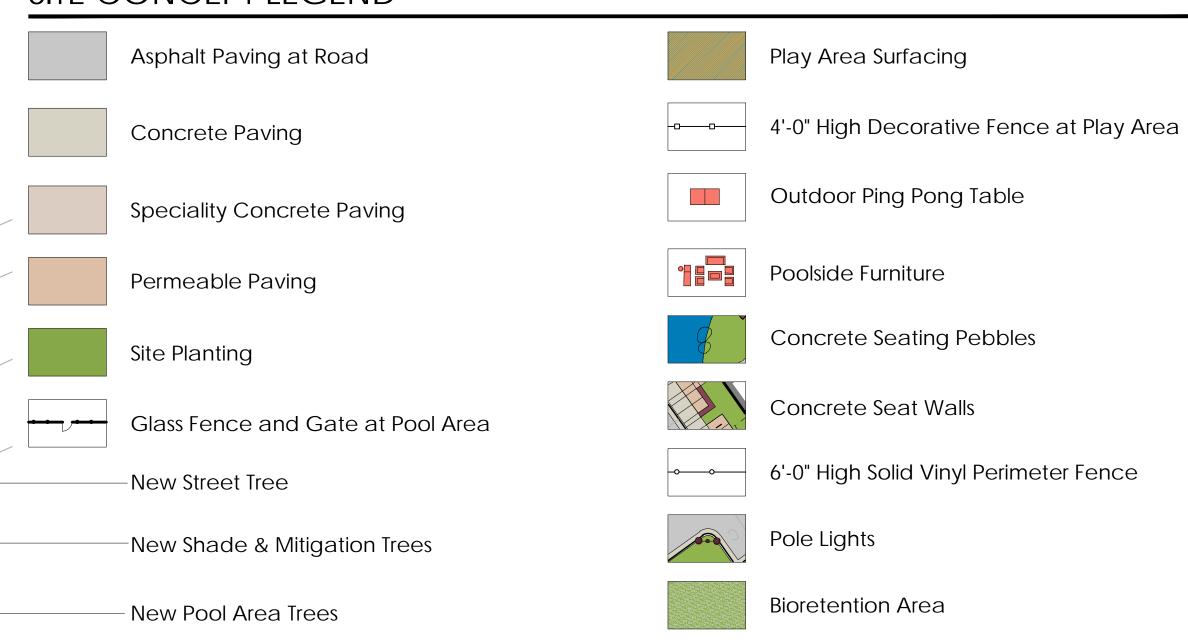


SITE CONCEPT LEGEND



SITE PLAN CALLOUTS

New Accent Tree

- 1) Pool Area
- 2) Spa Area
- 3) 6'-0" Stucco Wall at Pool Area; Color T.B.D.
- (4) Teen Area with Outdoor Ping Pong Table and Seating
- 5 Teen Area with Outdoor Game Tables and Seating
- Play Area with Boulders, Pebble Seating, Rubber Surfacing and Sensory Planting
- 7 Bioretention Area
- 8 Trash Enclosure
- 9 Private Patio Area, typical
- 10 Sitting Area and Entry Patio
- 11) Pet Relief & Sitting Area
- 12) 6'-0" Transparent Decorative Fence at Pool
- 13) 6'-0" CMU Block Wall, Color TBD

IRRIGATION CONCEPT & STATEMENT OF COMPLIANCE

All irrigation and planting design will comply with the criteria of local and state Water Resources Model Water Efficient Landscape Ordinances and will apply them for the efficient use of water in the landscape design plan.

- Weather based, self-adjusting irrigation controller with a weather sensor.
- Emitters to include subsurface drip irrigation and tree bubblers.
- · Trees to be placed on separate valves.
- · Isolation valves to be installed at point of connection and before each valve or manifold. Pressure regulation to be installed.
- · Separate valves to be installed to irrigate zones of medium and low water use plantings. · Check valves will be installed to prevent low point drainage.

TREE MITIGATION

TREE MITIGATION SUMMARY

Native Trees to mitigate: 267 inches = (45) 24" Box trees, Native species to be Quercus lobata/Valley Oak, Quercus wislizeni/Interior Live Oak and Arbutus menziesii/Pacific Madrone.

Non-Native Trees to mitigate: 237.5" = (80) 15 Gallon replacements, species to be a combination of ornamental street tree, shade tree and accent tree as shown on the planting legend

*Offsite trees (not shown) that overhang the project site are to be protected per Santa Rosa City Tree Ordinance. See arborist report for more information.

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Colored Asphalt Crosswalks

March 17, 2021

Petaluma Hill Road Santa Rosa, CA

Concept Site Design



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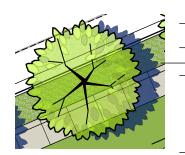
March 17, 2021

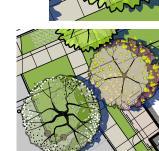
Petaluma Hill Road

Santa Rosa, CA

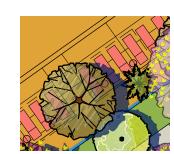
Site Plan - Enlargements

L1.1











Botanical Name

-Trees: Street								
Fraxinus holotricha 'Moraine'	Moraine Ash	40'x40'	Per Plan	Medium	15 Gal			
Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	40'x30'	Per Plan	Medium	15 Gal			
Platanus x. hispanica 'Bloodgood'	Bloodgood Plane Tree	40'x30'	Per Plan	Medium	15 Gal			
- Trees: Shade & Mitigation								
Arbutus menziesii	Pacific Madrone	25'x25'	Per Plan	Low	24" Box			
Cercidiphyllum japonicum	Katsura Tree	40'x25'	Per Plan	Medium	24" Box			
Nyssa sylvatica	Tupelo	45'x45'	Per Plan	Medium	24" Box			
Quercus lobata	Valley Oak	40'x60'	Per Plan	Low	24" Box			
Quercus coccinea	Scarlet Oak	40'x60'	Per Plan	Medium	24" Box			
Quercus wislizeni	Interior Live Oak	40'x60'	Per Plan	Low	24" Box			
Ulmus parviflora 'Drake'	Drake Elm	45'x40'	Per Plan	Low	24" Box			
Zelkova serrata 'Village Green'	Sawleaf Zelkova	50'x50'	Per Plan	Medium	24" Box			
Trees: Small/Accent								

HxW Spacing Water Use Size

Common Name

zeikova serrata village Green	2awiedi Zeikova	50 X50	Per Plan	Medium	24 BO)		
-Trees: Small/Accent							
Acer buergerianum	Trident Maple	20'x40'	Per Plan	Medium	15 Gal		
Carpinus betulus 'Fastigiata'	Pyramidal Hornbeam	20'x40'	Per Plan	Medium	15 Gal		
Chilopsis linearis	Desert Willow	20'x20'	Per Plan	Low	15 Gal		
Chionanthus retusus	Chinese Fringe Tree	10'x8'	Per Plan	Medium	15 Gal		
Chitalpa tashkentensis 'Morning Cloud'	Chitalpa Tree	20'x20'	Per Plan	Low	15 Gal		
Cornus nuttallii 'Eddie's White Wonder'	Dogwood Tree	20'x20'	Per Plan	Medium	15 Gal		
Vitex agnus-castus	Chaste Tree	10'x15'	Per Plan	Low	15 Gal		
Troos: Accort at Dool Area							

	Comico monami Eddico mino monaci	209110041100	207120		7710 0110111	
	Vitex agnus-castus	Chaste Tree	10'x15'	Per Plan	Low	15 Ga
_	Trees: Accent at Pool Are	a				
	Citrus 'Meyer Lemon'	Meyer Lemon Tree	8'x8'	Per Plan	Medium	15 Ga
	Citrus 'Bearss Lime'	Bearrs Lime Tree	8'x8'	Per Plan	Medium	15 Ga
	Olea europaea 'Frantz Fruitless'	Franz Fruitless Olive (Std and Multi)	20'x20'	Per Plan	Very Low	24" Bo
	Parkinsonia florida	Palo Verde Tree	15'x15'	Per Plan	Low	24" Bo
	Phoenix Roebelenii	Pygmy Date Palm	6'x6'	Per Plan	Low	15 Ga
	Punica granatum 'Wonderful'	Pomegranate	20'x15'	Per Plan	Low	15 Ga
_	- Shrubs: Site					
	Atriplex lentiformis breweri	Brewer's Salt Bush	8'x8'	Per Plan	Low	5 Gal.
			41 41	D D:		

Atriplex lentiformis breweri	Brewer's Salt Bush	8'x8'	Per Plan	Low	5 (
Arctostaphylos 'Howard McMinn'	Manzanita	4'x4'	Per Plan	Low	5 (
Berberis aquifolium var. repens	Creeping Oregon Grape	2'x4'	Per Plan	Low	5 (
Callistemon citrinus 'Little John'	Dwarf Bottle Brush	3'x3'	Per Plan	Low	5 (
Ceanothus griseus 'Yankee Point'	CA Lilac	3'x6'	Per Plan	Low	5 (
Cotinus coggygria 'Pink Champagne'	Smoke Bush	6'x5'	Per Plan	Low	5 (
Eriogonum giganteum	St. Catherine's Lace	4'x4'	Per Plan	Low	5 (
Grevillea 'Superb'	Grevillea	4'x4'	Per Plan	Low	5 (
Olea europaea 'Montra'	Little Ollie® Dwarf Olive	5'x5'	Per Plan	Low	5 (
Physocarpus opulifolius 'Monlo'	Diablo Purple Ninebark	8'x8'	Per Plan	Low	5 (
Punica granatum 'Nana'	Dwarf Pomegranate	3'x3'	Per Plan	Low	5 (
Rhamnus californica 'Mound San Bruno'	CA Coffeeberry	6'x6'	Per Plan	Low	5 (
Ribes sanguineum 'Claremont'	Claremont Flowering Currant	4'x8'	Per Plan	Low	5 (
Vaccinum ovatum	Evergreen Huckleberry	4'x4'	Per Plan	Low	5 (

	culents: Site				
Agave x 'Blue Flame'	Blue Flame Agave	4'x4'	Per Plan	Low	5 G
Beschorneria y. 'Flamingo Glow'	Beschorneria	4'x4'	Per Plan	Low	10
Dianella revoluta 'Little Rev'	Dianella	3'x3'	Per Plan	Low	10
Grevillea lanigera 'Prostrate'	Prostrate Wooly Grevillea	1'x4'	Per Plan	Low	1 (
Hesperaloe parviflora 'Yellow'	Yellow Yucca	2'x4'	Per Plan	Low	1 (
Lomandra longifolia 'Platinum Beauty'	Platinum Beauty Mat Rush	3'x3'	Per Plan	Low	5 C
Mahonia 'Soft Caress'	Oregon Grape	3'x3'	3' O.C.	Low	5 (
Muhlenbergia dubia	Pine Muhly Grass	4'x4'	Per Plan	Low	1 (
Perovskia atriplicifolia	Russian Sage	4'x4'	Per Plan	Low	1 (
Polystichum munitum	Western Sword Fern	4'x4'	Per Plan	Medium	5 (
Salvia clevelandii 'Winifred Gillman'	Cleveland Sage	3'x3'	Per Plan	Low	1 (
Sedum spectabile 'Autumn Joy'	Autumn Joy Sedum	2'x2'	Per Plan	Low	1 (
Teucrium chamaedrys	Germander	18"x18"	Per Plan	Low	1 (
Verbena bonariensis	Purpletop Vervain	2'x2'	Per Plan	Very Low	1 (
Yucca gloriosa 'Bright Star'	Yellow Spanish	2'x5'	Per Plan	Low	1 (
Zauschneria californica 'Catalina'	California Fuchsia	2'x2'	Per Plan	Low	1 (
Groundcovers: Site					
Acacia redolens 'Desert Carpet'	Bank Catclaw	2'x6'	Per Plan	Low	1 (
Arctostaphylos x. 'Pacific Mist'	Pacific Mist Manzanita	1'x4'	Per Plan	Low	1 (
Eriogonum fasciculatum 'Warriner Lytle	' Warriner Lytle Buckwheat	1'x4'	Per Plan	Low	1 (
Vines: Site					
	Evergreen Clematis	15'-20'	Per Plan	Medium	5 (
Clematis armandii	Evergreen Ciemais	13-20	i C i i idii	MEGIOTTI	J (

	Stormwater L.I.D. Planting	g Areas				
000000 000000	Achillea millefolium	Common Yarrow	3'x3'	3' O.C.	Low	1 Gal.
	Calamagrostis 'Karl Foerster'	Feather Reed Grass	3'x4'	3' O.C.	Medium	1 Gal.
	Carex divulsa	Berkeley Sedge	3'x3'	3' O.C.	Low	1 Gal.
	Chondropetalum tectorum	Cape Rush	3'x3'	3' O.C.	Low	1 Gal.
	Elymus condensatus 'Canyon Prince'	Canyon Prince Wild Rye	3'x3'	3' O.C.	Low	1 Gal.
	Eschscholzia californica	California Poppy	1'x1'	1' O.C.	Low	4" Pot
	Garrya elliptica 'Evie'	Silk Tassel	8'x8'	8' O.C.	Low	1 Gal.
	Iris douglasiana	Douglas Iris	2'x2'	2' O.C.	Low	1 Gal.

Spreading Rush

Yerba Buena

White-flowering Currant

Lilac Vine

Boston Ivy

Hardenbergia violoacea

Juncus patens 'Elk Blue'

Satureja douglasii

Ribes sanguineum 'White Icicle'

Parthenocissus tricuspidata

10'-15' Per Plan Medium 5 Gal.

1 Gal.

1 Gal.

1 Gal.

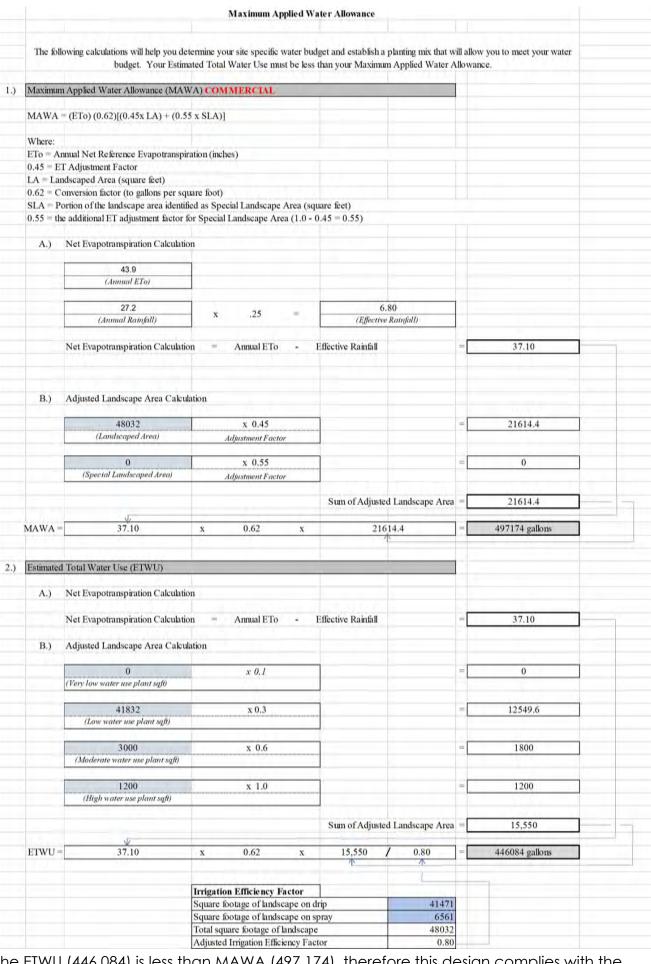
10'-15' Per Plan Medium

3'x3' 3' O.C. Low

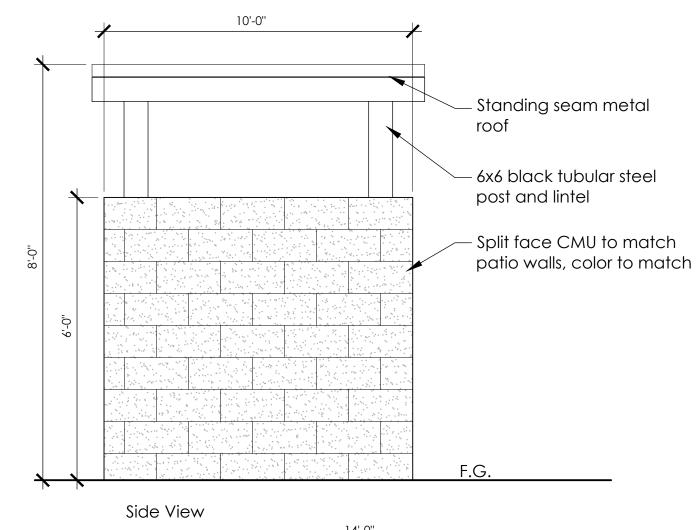
1'x3' 3' O.C. Low

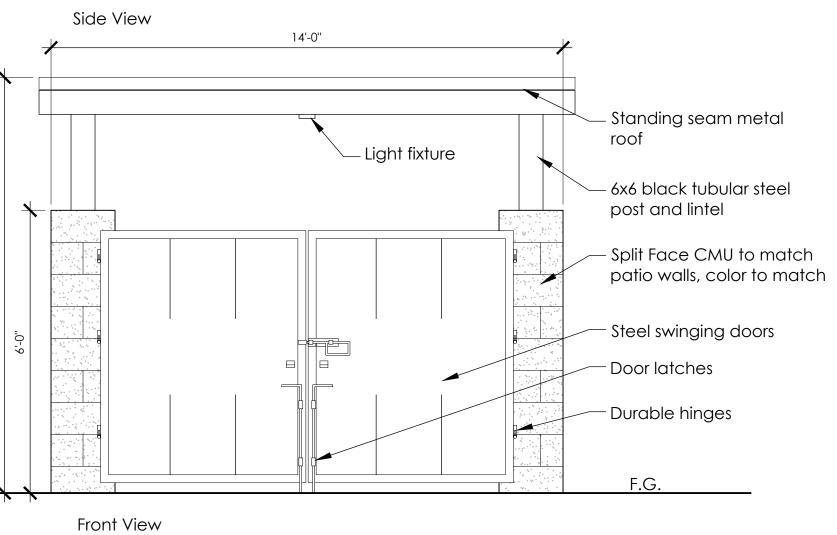
6' O.C. Low

MAWA CALCULATIONS



The ETWU (446,084) is less than MAWA (497,174), therefore this design complies with the California Code of Regulations Title 23, Waters - Model Efficient Landscape Ordinance. See Sheet L1.0 for Irrigation Concept.





CHARACTER IMAGES





Character Image - Teen Open Space with Outdoor Ping Pong Character Image - Teen Open Space with Game Tables





Solid Vinyl 6'-0" Fence at Property Boundary

Transparent Fence at Pool Area





Character Image - Play Area and Poured in Place Rubber Surface

Seating Pebbles at Play Area





Pole Light, EcoForm LED Site and Area Luminaires

Character Image - Pool Area with lush plantings





Decorative Fence at Play Area

Glass Fence at Pool Area

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March 17, 2021

Petaluma Hill Road Santa Rosa, CA

Planting Palette, Irrigation Calc's and Images





OPEN SPACE (less buildings, parking, driveways, and accessible paths)

51,166 square feet of Open Space



SITE PLANTED AREA

44,663 square feet (87% of Open Space)



TOTAL COMMON OPEN SPACE - 15,706 square feet

All Ages Common Area: 5,579 square feet

Teen Area: 1,781 square feet

Child Play Area (ages 5 and under): 1,294 square feet



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Open Space Diagram