

SITE CONCEPT LEGEND

Asphalt Paving at Road Play Area Surfacing 4'-0" High Decorative Fence at Play Area Concrete Paving Outdoor Ping Pong Table Speciality Concrete Paving Poolside Furniture Permeable Paving Concrete Seating Pebbles Site Planting Concrete Seat Walls Glass Fence and Gate at Pool Area 6'-0" High Solid Vinyl Perimeter Fence New Street Tree Pole Lights New Shade & Mitigation Trees

SITE PLAN CALLOUTS

New Pool Area Trees

- 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
- 6'-0" Transparent Decorative Fence at Pool
- 13 6'-0" CMU Block Wall, Color TBD
- 14) Short Term Bike Parking

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: 222" = (74) 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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Bioretention Area

Colored Asphalt Crosswalks

June 2023

Petaluma Hill Road Santa Rosa, CA Concept Site Design



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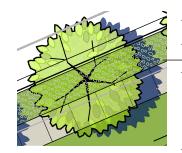
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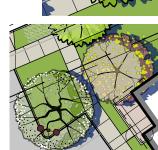
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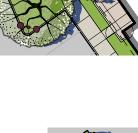
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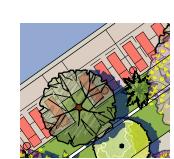
Petaluma Hill Road Santa Rosa, CA Site Plan - Enlargements

L1.1









-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					

Common Name

HxW Spacing Water Use Size

CANDIDATE PLANT LIST

Botanical Name

Zelkova seriata village Green	Sawiedi Zeikova	30 830	i c i i idii	Medioili	24 007
rees: 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

	Citrus 'Meyer Lemon'	Meyer Lemon Tree	8'x8'	Per Plan	Medium	15 Gal.
	Citrus 'Bearss Lime'	Bearrs Lime Tree	8'x8'	Per Plan	Medium	15 Gal.
	Olea europaea 'Frantz Fruitless'	Franz Fruitless Olive (Std and Multi)	20'x20'	Per Plan	Very Low	24" Box
	Parkinsonia florida	Palo Verde Tree	15'x15'	Per Plan	Low	24" Box
	Phoenix Roebelenii	Pygmy Date Palm	6'x6'	Per Plan	Low	15 Gal.
	Punica granatum 'Wonderful'	Pomegranate	20'x15'	Per Plan	Low	15 Gal.
Γ	Shrubs: Site					
	Atriplex lentiformis breweri	Brewer's Salt Bush	8'x8'	Per Plan	Low	5 Gal.
	Arctostaphylos 'Howard McMinn'	Manzanita	4'x4'	Per Plan	Low	5 Gal.
	Berberis aquifolium var. repens	Creeping Oregon Grape	2'x4'	Per Plan	Low	5 Gal.
	Callistemon citrinus 'Little John'	Dwarf Bottle Brush	3'x3'	Per Plan	Low	5 Gal.
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Atriplex lentiformis breweri	Brewer's Salt Bush	8'x8'	Per Plan	Low	5 G
Arctostaphylos 'Howard McMinn'	Manzanita	4'x4'	Per Plan	Low	5 G
Berberis aquifolium var. repens	Creeping Oregon Grape	2'x4'	Per Plan	Low	5 G
Callistemon citrinus 'Little John'	Dwarf Bottle Brush	3'x3'	Per Plan	Low	5 G
Ceanothus griseus 'Yankee Point'	CA Lilac	3'x6'	Per Plan	Low	5 G
Cotinus coggygria 'Pink Champagne'	Smoke Bush	6'x5'	Per Plan	Low	5 G
Eriogonum giganteum	St. Catherine's Lace	4'x4'	Per Plan	Low	5 G
Grevillea 'Superb'	Grevillea	4'x4'	Per Plan	Low	5 G
Olea europaea 'Montra'	Little Ollie® Dwarf Olive	5'x5'	Per Plan	Low	5 C
Physocarpus opulifolius 'Monlo'	Diablo Purple Ninebark	8'x8'	Per Plan	Low	5 C
Punica granatum 'Nana'	Dwarf Pomegranate	3'x3'	Per Plan	Low	5 C
Rhamnus californica 'Mound San Bruno	'CA Coffeeberry	6'x6'	Per Plan	Low	5 C
Ribes sanguineum 'Claremont'	Claremont Flowering Currant	4'x8'	Per Plan	Low	5 G
Vaccinum ovatum	Evergreen Huckleberry	4'x4'	Per Plan	Low	5 G

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

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– Vines: Site					
Clematis armandii	Evergreen Clematis	15'-20'	Per Plan	Medium	5 Gal.
Gelsemium sempervirens	Carolina Jessamine	10'-15'	Per Plan	Medium	5 Gal.
Hardenbergia violoacea	Lilac Vine	10'-15'	Per Plan	Medium	5 Gal.
Parthenocissus tricuspidata	Boston Ivy	10'-15'	Per Plan	Medium	5 Gal.

Harachbergia vicioacea	LIIGC VII IC	10 10	i Ci i idii	MCGIOTTI	o Odi.
Parthenocissus tricuspidata	Boston Ivy	10'-15'	Per Plan	Medium	5 Gal.
Stormwater L.I.D. Planting	Areas				
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.
Juncus patens 'Elk Blue'	Spreading Rush	3'x3'	3' O.C.	Low	1 Gal.
Ribes sanguineum 'White Icicle'	White-flowering Currant	6'x6'	6' O.C.	Low	1 Gal.

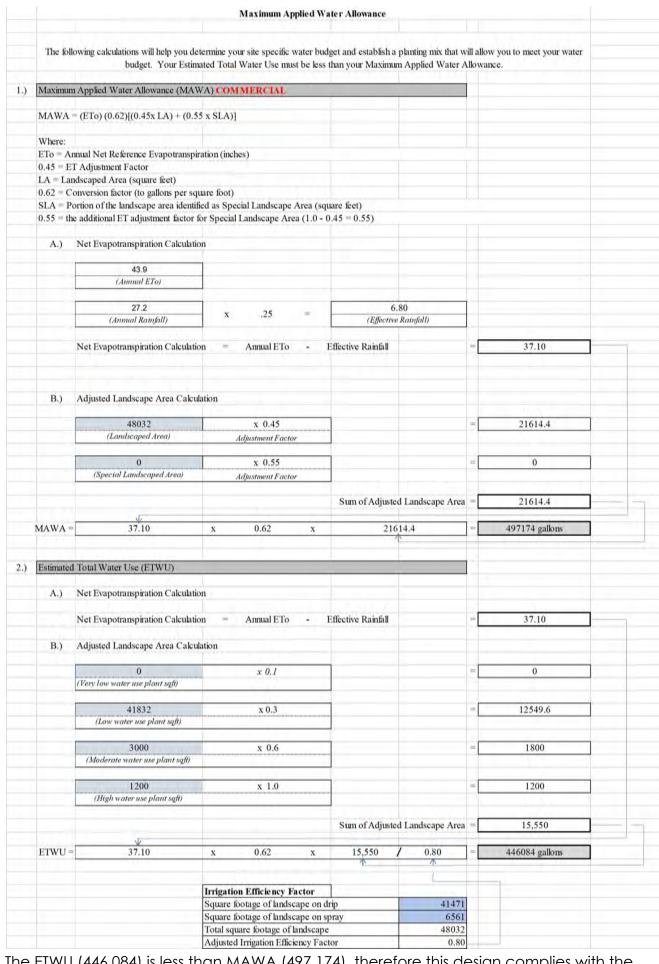
Yerba Buena

Satureja douglasii

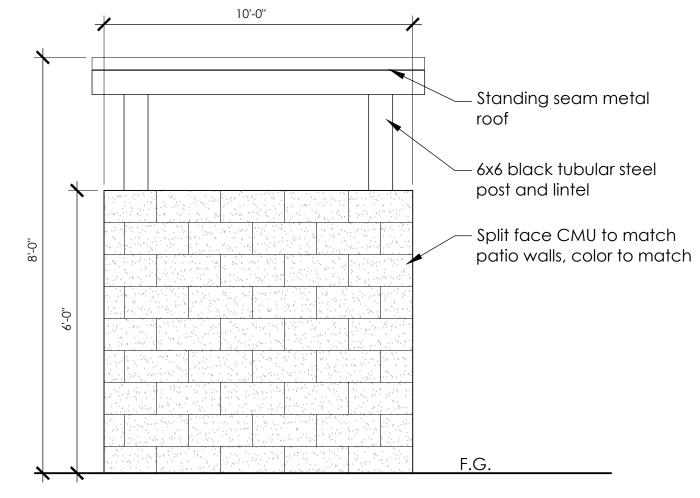
1'x3' 3' O.C. Low

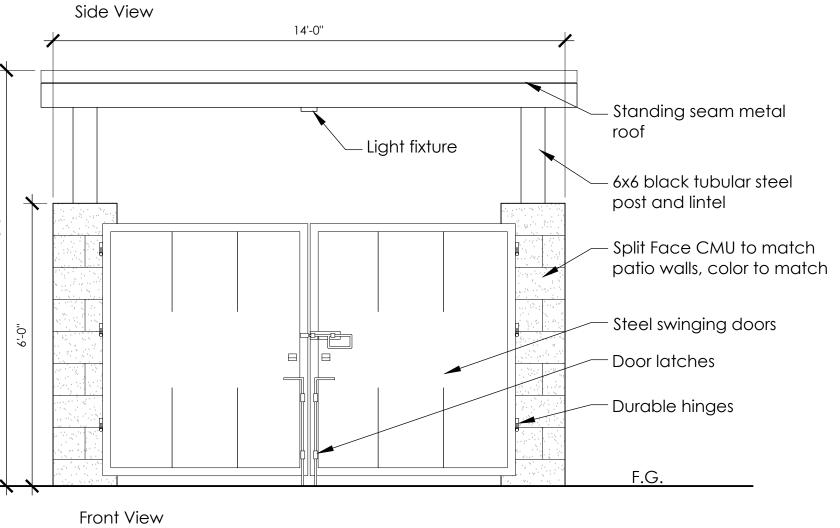
1 Gal.

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.





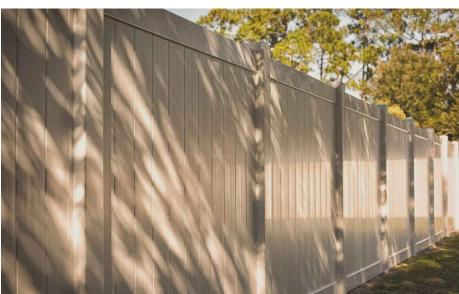


CHARACTER IMAGES





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



Short Term Bike Parking Model: Post and Ring Manufacturer: Madrax Bike Rack Items: 7 total racks - 14 parking spaces

*5% of 140 vehicular parking spaces = 7, short term bike parking exceeds requirements



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Petaluma Hill Road Santa Rosa, CA

Planting Palette, Irrigation Calc's and Images



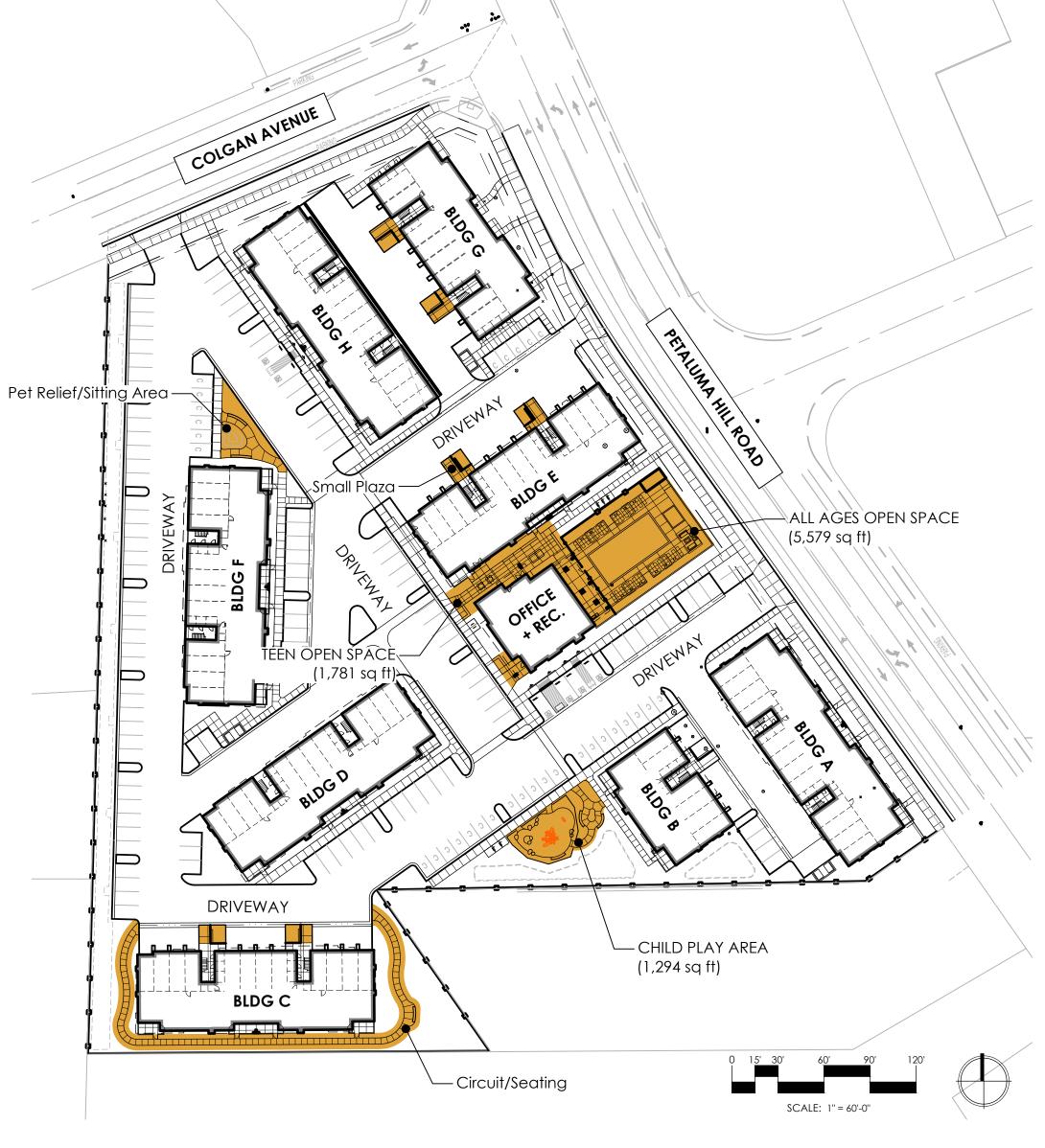


51,166 square feet of Open Space



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



June 2023

Petaluma Hill Road Santa Rosa, CA Open Space Diagram

L1.3