



CONCEPT PLANT SCHEDULE

	EVERGREEN PERIMETER TREE 24" BOX MIN. Pinus eildara / Afghan Pine Pistacia chinensis 'Red Push' / Chinese Pistache Platanus acerifolia 'Bloodgood' / London Plane Tree Tristania conferta / Brisbane Box	53	15 gal. L 15 gal. M 15 gal. M 15 gal. L
	SMALL FLOWERING ACCENT TREE MIX OF 36" BOX & 48" BOX Cercis canadensis 'Oklahoma' / Redbud Lagerstroemia x 'Cheneyne' / Crape Myrtle Lagerstroemia x 'Tuscarora' / Red Crape Myrtle x Chitalpa tashkentensis 'Pink Dawn' / Pink Dawn Chitalpa	19	24" Box, M 36" box, L 24" Box, L 24" Box, L
	PARKING LOT TREE Pistacia chinensis 'Red Push' / Red Push Chinese Pistache Ulmus parvifolia 'True Green' / True Green Laceback Elm	69	15 gal. M 15 gal. M
	DECIDUOUS SHADE TREE MIX OF 24" BOX AND 36" BOX Platanus x acerifolia 'Bloodgood' / Bloodgood London Plane Tree	22	24" Box, M
	EVERGREEN SHADE TREE MIX OF 24" BOX AND 36" BOX Ulmus parvifolia 'True Green' / True Green Laceback Elm	29	24" Box, M
	STREET TREE Cercis occidentalis 'Claremont' / Claremont Western Redbud	8	24" Box, L
	SPECIMEN CORNER TREATMENT TREE Schinus molle / California Pepper Tree Multi-Trunk	3	48" Box, L
	EXISTING TREE TO BE REMOVED	49	
	4' SCREEN HEDGE SHRUBS Provide space for plants to grow to maturity and keep their natural shape. Elaeagnus pungens / Thorny Eleagnus Heteromeles arbutifolia / Toyon Ligustrum texanum / Texas Privet Westringia fruticosa 'Wynabbie Gem' / Wynabbie Gem Coast Rosemary Xylosma congestum / Shiny Xylosma	364	5 Gal., L 48" o.c. 15 Gal., L 48" o.c. 5 Gal., L 48" o.c. 5 Gal., L 48" o.c. 5 Gal., L 48" o.c.

	SHRUBS & GROUNDCOVERS Acacia redolens 'Desert Carpet' TM / Desert Carpet Bank Catclaw Aloe vera / Medicinal Aloe Anigozanthos x 'Big Red' / Big Red Kangaroo Paw Anigozanthos x 'Pink Joey' / Pink Joey Kangaroo Paw Berberis thunbergii 'Atropurpurea Nana' / Dwarf Redleaf Japanese Barberry Buddleja davidii nanhoensis 'Mongoo' TM / Petite Indigo Dwarf Butterfly Bush Caesalpinia gilliesii / Yellow Bird of Paradise Callistemon viminalis 'Little John' / Dwarf Weeping Bottlebrush Dianella tasmanica 'Yellow Stripe' / Golden Flax Lily Festuca glauca 'Elijah Blue' / Blue Fescue Hesperaloe parviflora / Red Yucca Lavandula stoechas 'Otto Quast' / Otto Quast Spanish Lavender Leptospermum scoparium / New Zealand Tea Tree Liriope muscari 'Variegata' / Variegated Lily Turf Loropetalum chinense 'Snowmound' / Snowmound Loropetalum Miscanthus sinensis 'Variegatus' / Variegated Maiden Grass Muhlenbergia rigens / Deer Grass Prunus ilicifolia ilicifolia / Hollyleaf Cherry Rhamnus californica 'Mound San Bruno' / California Coffeeberry Rosmarinus officinalis 'Prostratus' / Dwarf Rosemary Salvia clevelandii 'Allen Chickering' / Cleveland Sage Salvia greggii 'Red' / Autumn Sage Teucrium chamaedrys 'Prostratum' / Prostrate Germander Teucrium fruticans 'Compacta' / Bush Germander	45,263 sf 735 5,227 5,227 11,760 5,227 423,347 1,882 5,227 11,760 20,907 2,940 1,882 11,760 5,227 5,227 47,039 1,307 1,307 7,527 5,227 5,227 11,760 5,227	1 gal. L 1 gal. L 5 Gal., L 1 gal. L 5 Gal., M 5 Gal., L 1 gal. L 1 gal. L 1 Gal., M 5 Gal., L 5 Gal., L 15 Gal., M 15 Gal., M 1 gal. M 5 Gal., M 1 gal. L 15 Gal., VL 15 Gal., L 1 gal. L 1 gal. L 1 gal. L 1 gal. L 1 gal. L 1 gal. L	96" oc 36" oc 36" oc 24" oc 36" oc 48" oc 60" oc 36" oc 24" oc 18" oc 36" oc 48" oc 60" oc 24" oc 36" oc 12" oc 72" oc 72" oc 30" oc 36" oc 36" oc 24" oc 36" oc
	ROSE GARDEN Rosa hybrid tea rose 'Bewitched' / Bewitched Rose Rosa hybrid tea rose 'Elizabeth Taylor' / Elizabeth Taylor Tea Rose Rosa hybrid tea rose 'John F. Kennedy' / John F. Kennedy Tea Rose Rosa hybrid tea rose 'Mister Lincoln' TM / Mister Lincoln Tea Rose Rosa hybrid tea rose 'Peace' / Peace Tea Rose	78 sf 16 sf 16 sf 16 sf 16 sf	5 Gal., M 5 Gal., M 5 Gal., M 5 Gal., M 5 Gal., M	
	ENHANCED CORNER PLANTING Achillea millefolium 'Moonshine' / Yarrow Limonium perezii / Statice Petargonium peltatum 'White' / White Ivy Geranium Rosa x 'Flower Carpet White' / Rose Verbena peruviana 'Apfelblossom' / Apfelblossom Verbena	415 sf 108 70 108 108 108	1 gal. L 1 gal. L 1 gal. L 1 gal. M 1 gal. L	
	DROUGHT TOLERANT TURF Cynodon x 'PWIN04S' / Dog Tuff Bermuda Grass	1,837 sf	SOD, M	

LANDSCAPE CALCULATIONS FOR RESIDENTIAL

A. Total Project Site Area (Gross):	290,341 sf
B. Total Landscaped Area (softscape):	112,231 sf
C. Net Landscaped Area Percentage (B ÷ A):	38.6%
D. Total R.O.V. Landscape Area:	1,503 sf
Landscape Area Percentage R.O.V.:	1.33%
E. Total On Site Landscape Area:	110,728 sf
Landscape Area Percentage On-Site:	38.1%

- NOTE:**
- FINAL LOCATIONS OF TREES AND LANDSCAPING ARE SUBJECT TO IMPROVEMENTS: PROPOSED CATCH BASIN INLET, WQMP FACILITIES, STORM DRAIN PIPES, UTILITIES, ETC.
 - UTILITIES AND LIGHT STANDARDS SHALL BE COORDINATED WITH OWNER'S ENGINEERING TEAM TO AVOID CONFLICTS WITH REQUIRED TREE LOCATIONS AND UTILITY SCREENING.
 - ADDITIONAL PLANT MATERIAL WILL BE SHOWN TO AVOID A MONOCULTURAL PLANTING DESIGN.
 - SHRUB PLANT MATERIAL SHALL BE SHOWN AS MASSINGS AND NOT AS SPOTTY SINGLE PLANT PLACEMENT.

ALL LANDSCAPE AND IRRIGATION PLANS SHALL COMPLY WITH REQUIREMENTS AND STANDARDS OF TITLE 16.28 OF THE MURRIETA MUNICIPAL CODE AND THE CITY'S CURRENT POLICIES.

LANDSCAPE MAINTENANCE RESPONSIBILITY NOTE:

THE LANDSCAPE CONCEPT PLAN INDICATES LANDSCAPE IMPROVEMENTS FOR BOTH ON SITE AND OFF SITE (PUBLIC RIGHTS-OF-WAY, PARKS, ETC.) AREAS. THE PROPERTY OWNER SHALL MAINTAIN LANDSCAPE AREAS AS PART OF THE CC&R'S FOR THE PROJECT.

City of Murrieta Landscape Water Use Calculations

Project Type (Select): Residential
 (Insert Project Name, Description)
 0.55 ETo allowance

Applicant to use drop down menus in cells that indicate a selection to describe each hydrozone. Where "INPUT" is shown, applicant to enter project specific information. Please note that embedded formulas will reflect as 'false' or as an error until selections are completed.

1 Maximum Annual Water Allowance (MAWA)

INPUT the total square footage of landscape = 112,231 S.F.
 INPUT the Hist. ETo for the area = 55.00
 MAWA = 281,403 cu ft / yr

2 Estimated Annual Water Use (EAWU)

Hydrozone #	Plant Factor	Plant Type	Water Use
Hydrozone # 1	0.8	Turf - other functional	High
INPUT Square Foot Area of Hydrozone =	1,837		
Hydrozone Irrigation Efficiency =	0.75	Roller / Precision Spray Nozzle	
EAWU =	8,933	cu ft / yr	
Hydrozone # 2	0.2	Shrub / Groundcover	Low
INPUT square footage of hydrozone =	110,394		
Hydrozone Irrigation Efficiency =	0.85	In-Line Drip-Density Planter	
EAWU =	118,416	cu ft / yr	

SubTotal EAWU = 127,349 cu ft / yr
 Input Irrigation System Operation Factor = 0.85
 Total EAWU = 143,822
 MAWA - EAWU = 131,581 cu ft / yr
 (this number must be positive)

PERCENTAGE OF WATER SAVED RELATIVE TO MAX ALLOWED = 47%

* Trees are not required to be listed as a separate hydrozone if understory is planted with plants of an equal or higher plant factor, and foot area is already included in calculations.

