

Maximum Applied Water Allowance Calculations for New and Rehabilitated Non-Residential Landscapes											
Enter value in Pale Blue Cells											
Tan Cells Show Results											
Messages and Warnings											
Click on the blue cell on right to Pick City Name											
ET _a of City from Appendix A											
<table border="1"> <tr><td>City Name</td><td>Petaluma</td></tr> <tr><td>ET_a (inches/year)</td><td>39.60</td></tr> <tr><td>Overhead Landscape Area (ft²)</td><td>43,583</td></tr> <tr><td>Drip Landscape Area (ft²)</td><td>0</td></tr> <tr><td>SLA (ft²)</td><td>43,583</td></tr> </table>		City Name	Petaluma	ET _a (inches/year)	39.60	Overhead Landscape Area (ft ²)	43,583	Drip Landscape Area (ft ²)	0	SLA (ft ²)	43,583
City Name	Petaluma										
ET _a (inches/year)	39.60										
Overhead Landscape Area (ft ²)	43,583										
Drip Landscape Area (ft ²)	0										
SLA (ft ²)	43,583										
Results: (ET _a) x (0.62) x [(0.45 x LA) + (1.0 - 0.45) x SLA]											
MAWA calculation incorporating Effective Precipitation (Optional) Precipitation (Optional) ET _a of City from Appendix A Total Landscape Area Special Landscape Area Enter Effective Precipitation											
Results: MAWA = [(ET _a - Epppt) x (0.62)] x [(0.45 x LA) + (1.0 - 0.45) x SLA]											

Estimated Total Water Use																																																		
Equation: ETWU = ET _a x 0.62 x [(PF x HA)/IE] + SLA; Considering precipitation ETWA = (ET _a - Epppt) x 0.62 x [(PF x HA)/IE] + SLA																																																		
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Irrigation Efficiency Default Value for overhead 0.75 and drip 0.81.																																																		
Plant Water Use Type																																																		
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Results: MAWA = 481,483																																																		
Total Landscape Area including Special Landscape ETWU = 396,282 Gallons 32,875 Cubic Feet 529.75 HCF 1.22 Acre-feet 0.40 Millions of Gallons																																																		
ETWU complies with MAWA																																																		



TREE LEGEND			
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
	AESCULUS CALIFORNICA	CALIFORNIA BUCKEYE	24" BOX
	ARBUTUS MENZIESII	PACIFIC MADRONE	24" BOX
	CERCIS OCCIDENTALIS	WESTER REDBUD	24" BOX
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX
	QUERCUS AGRIFOLIA	CALIFORNIA LIVE OAK	24" BOX
	UMBELLULARIA CALIFORNICA	CALIFORNIA BAY	24" BOX
	EXISTING TREE TO REMAIN AND BE PROTECTED		

SHRUB LEGEND			
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
	ACHILLEA MILLEFOLIUM	YARROW	1 GAL.
	ARCTOSTAPHYLOS 'EMERALD CARPET'	EMERALD CARPET MANZANITA	1 GAL.
	ARCTOSTAPHYLOS 'PACIFIC MIST'	PACIFIC MIST MANZANITA	5 GAL.
	ARCTOSTAPHYLOS UVA-URSI 'POINT REYES'	POINT REYES MANZANITA	5 GAL.
	BACCHARIS 'CENTENNIAL'	CENTENNIAL BACCHARIS	1 GAL.
	BERBERIS 'GOLDEN ABUNDANCE'	GOLDEN ABUNDANCE MAHONIA	5 GAL.
	CARPENTERIA CALIFORNICA	BUSH ANEMONE	5 GAL.
	CEANOTHUS 'CENTENNIAL'	CENTENNIAL CEANOTHUS	5 GAL.
	CEANOTHUS MARITIMUS 'VALLEY VIOLET'	VALLEY VIOLET CEANOTHUS	5 GAL.
	CEANOTHUS THYRSIFLORUS 'YANKEE POINT'	YANKEE POINT CEANOTHUS	5 GAL.
	DENDROMECON HARFORDII	ISLAND BUSH POPPY	5 GAL.
	DENDROMECON RIGIDA	TREE POPPY	5 GAL.
	ENCELIA FARINOSE	BRITTLE BUSH	5 GAL.
	FREMONTODENDRON SPP.	FLANNEL BUSH	5 GAL.
	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL.
	MIMULUS AURANTIACUS	RED BUSH MONKEY FLOWER	1 GAL.
	RIBES MENZIESII	CANYON GOOSEBERRY	5 GAL.
	RIBES SPECIOSUM	FUSHIA FLOWERING GOOSEBERRY	5 GAL.
	RHAMNUS CROCEA	REDBERRY	5 GAL.
	RHUS INTEGRIFOLIA	LEMONADE BERRY	5 GAL.
	ROMNEYA COULTERI	MATILJA POPPY	5 GAL.
	SALVIA ALLEN CHICKERING	ALLEN CHICKERING SAGE	5 GAL.

GRASSES LEGEND			
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
	CAREX TUMULICOLA	BERKELEY SEDGE	1 GAL.
	FESTUCA RUBRA	CREeping RED FESCUE	1 GAL.
	LEYMUS CONDENSATUS	GIANT WILD RYE	1 GAL.
	JUNCUS PATENS	CALIFORNIA GREY RUSH	1 GAL.

- NOTES:**
1. WATER BUDGET CALCULATION SHALL BE PROVIDED DURING CONSTRUCTION DOCUMENTS SUBMITTAL
 2. IRRIGATION SHALL BE DRIP IRRIGATION WITH SMART CONTROLLER AND CONFORM TO THE STATE WATER ORDINANCE
 3. LANDSCAPE PLAN SHALL CONFORM TO WATER QUALITY MANAGEMENT PLAN - REFER TO CIVIL ENGINEER'S PLANS
 4. REFER TO SHEET 2 FOR PLANT IMAGERY

PRELIMINARY LANDSCAPE PLAN

Sebastopol Storage

Sebastopol, California

Platinum Storage Group

TREES



AESCULUS CALIFORNICA
CALIFORNIA BUCKEYE



ARBUTUS MENZIESII
PACIFIC MADRONE



CERCIS OCCIDENTALIS
WESTER REDBUD



PLATANUS RACEMOSA
CALIFORNIA SYCAMORE



QUERCUS AGRIFOLIA
CALIFORNIA LIVE OAK



UMBELLULARIA CALIFORNICA
CALIFORNIA BAY

SHRUBS



ACHILLEA MILLEFOLIUM
YARROW



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FESTUCA RUBRA
CREEPING RED FESCUE



JUNCUS PATENS
CALIFORNIA GREY RUSH



LEYMUS CONDENSATUS
GIANT WILD RYE

PLANT IMAGERY

Sebastopol Storage

Sebastopol, California

Platinum Storage Group

nuvis

LANDSCAPE
ARCHITECTURE

714-754-7311

CA 1001 - NV 300 - IL 300 - DEE

22-024.01 09/02/2022

SHEET 2 OF 2