



CITY OF EL CAJON • PLANNING DIVISION • (619) 441-1741
LANDSCAPE DOCUMENTATION PACKAGE

APPLICATION NO. _____

Landscape Professional of Record (applicant): _____

Address: _____

Street No. City State Zip

Phone: () Email: _____

License or certification number and type: _____

Property owner's name: _____

Address: _____

Street No. City State Zip

Phone: () Email: _____

Property owner's signature: _____

Location/address of subject property: _____

Assessor's parcel number: _____

Zoning designation: _____

Associated building permit or planning file number: _____

Brief description of landscape project including project area, special landscape areas, and water features: _____

<p>City Use Only: Date Filed: _____ Received by: _____</p>

In addition to the application form, applicant must submit the following items:

1. Filing fee of \$375.
2. Photocopy of deed including complete and accurate legal description of the subject property. Name of property owner on deed must correspond with name and signature on application or letter of authorization.
3. Landscape site plan (5 copies) prepared as follows:
 - _____ A. Maximum sheet size shall be 24" x 36."
 - _____ B. Plan shall be to a standard engineer or architect's scale (minimum 1" = 40'.)
 - _____ C. North arrow oriented to top of page (irregularly shaped lots may orient to side if necessary.)
 - _____ D. Plan shall include a vicinity map indicating adjacent street(s) and nearest cross streets.
 - _____ E. Title block shall be in lower right hand corner (see attached blank title block for applicant's use.)
 - _____ F. Plan shall include the location and accurate dimensions of:
 - _____ 1) All property lines
 - _____ 2) All easements
 - _____ 3) All existing and proposed structures
 - _____ 4) All existing and proposed fences or walls
 - _____ 5) Existing and proposed improvements within the public right-of-way
 - _____ 6) All on-site parking areas and driveways
 - _____ 7) All areas of existing or proposed landscaping including all existing or proposed water features (including swimming pools and hot tubs)
 - _____ 8) All existing geological features and areas of natural vegetation that will be retained
 - _____ 9) Any existing or proposed freestanding signs
 - _____ 10) Any other notable project features that affect site design (i.e., common recreation areas, trash enclosures, utility equipment, etc.)
 - _____ G. A "Notes" section shall be provided which gives information on:
 - _____ 1) Area of subject property
 - _____ 2) Square footage of all parking areas and driveways
 - _____ 4) Square footage of total "landscaped area" including "special landscaped areas" as defined in ECMC Section 17.195.020.
 - _____ 5) Square footage devoted exclusively to "special landscaped areas" as defined in ECMC Section 17.195.020.
- 4*. Soil management report (2 copies) prepared in accordance with ECMC Section 17.195.250.
5. Planting and irrigation plans (5 copies each) prepared in accordance with ECMC Section 17.195.260 (when feasible, these plans may be incorporated with the required landscape site plan described above in item number 2.)
6. Water efficient landscape worksheet prepared in accordance with ECMC Section 17.195.270 (see attached).
7. Landscape grading plan (5 copies) prepared in accordance with ECMC Section 17.195.280.

***NOTE:** When a project involves mass grading of a site, the applicant shall submit the soil management report with the Certificate of Completion package required by ECMC Section 17.195.330, rather than submitting it with the Landscape Documentation Package.

NOTE: The plans required above shall be assembled and bound as plan sets.

BLANK TITLE BLOCK

Sheet 1	CITY OF EL CAJON	Sheet 1
LANDSCAPE DOCUMENTATION PACKAGE NO. _____		
APPLICANT: _____		
ASSESSOR PARCEL NO(S): _____		
LANDSCAPE PROJECT DESCRIPTION: _____ _____		
DRAWN BY: _____		APPROVED BY: _____
ADDRESS: _____ _____		
PHONE: _____	DATE: _____	

Water Efficient Landscape Worksheet - Section A - Maximum Applied Water Allowance (MAWA) for non-residential projects

Calculate the Maximum Applied Water Allowance using this equation:

$$\text{MAWA} = (\text{ETo}) (0.62) [(0.45 \times \text{LA}) + (0.55 \times \text{SLA})]$$

where:

MAWA = Maximum Applied Water Allowance (gallons per year)

ETo = Reference evapotranspiration rate for El Cajon (51.1 inches per year)

0.62 = Conversion factor (to gallons per square foot)

0.45 = ET Adjustment Factor (ETAF)

LA = Landscaped Area (total) including Special Landscape Area (square feet)

SLA = Portion of the total landscape area identified as Special Landscape Area (square feet)

0.55 = additional ET Adjustment Factor for Special Landscape Area
(1.0 - 0.45 = 0.55)

Maximum Applied Water Allowance = _____ gallons per year

Show calculations here:

Water Efficient Landscape Worksheet - Section A - Maximum Applied Water Allowance (MAWA) for residential projects

Calculate the Maximum Applied Water Allowance using this equation:

$$\text{MAWA} = (\text{ETo}) (0.62) [(0.55 \times \text{LA}) + (0.45 \times \text{SLA})]$$

where:

MAWA= Maximum Applied Water Allowance (gallons per year)

ETo = Reference evapotranspiration rate for El Cajon (51.1 inches per year)

0.62 = Conversion factor (to gallons per square foot)

0.55 = ET Adjustment Factor (ETAF)

LA = Landscaped Area (total) including Special Landscape Area (square feet)

SLA = Portion of the total landscape area identified as Special Landscape Area (square feet)

0.45 = additional ET Adjustment Factor for Special Landscape Area
(1.0 - 0.55 = 0.45)

Maximum Applied Water Allowance = _____gallons per year

Show calculations here:

Water Efficient Landscape Worksheet - Section C - Estimated Total Water Use (ETWU)

The project's Estimated Total Water Use is determined based upon the following formula as indicated in Chapter 17.195 of the Zoning Ordinance:

$$ETWU = (ET_0)(0.62) \left(\frac{PF \times HA}{IE} + SLA \right)$$

Where:

ETWU = Estimated total water use per year (gallons per year)

ET₀ = Reference Evapotranspiration rate for El Cajon (51.1 inches per year)

PF = Plant Factor from WUCOLS (see Definitions)

HA = Hydrozone Area [high, medium, and low water use areas] (square feet)

SLA = Special Landscape Area (square feet)

0.62 = Conversion Factor (to gallons per square foot)

IE = Irrigation Efficiency (minimum 0.75)

HOWEVER, it should be noted that for the purpose of calculating ETWU, the irrigation efficiency and plant factor values will vary from hydrozone to hydrozone depending upon the type of plants and irrigation methods proposed. Therefore, the final term in the ETWU calculation must be completed independently for each hydrozone, as required in the last column of the Hydrozone information table.

The resulting hydrozone water use calculations from the final column in the Hydrozone Information Table are added together at the bottom of the final column, and the resultant sum is entered as the final term of the overall ETWU calculation. Therefore, the modified (simplified) calculation used to determine the estimated total water use for the overall landscape project is as follows:

$$ETWU = (ET_0) (0.62) (\text{total from final column of Hydrozone Information Table})$$

Estimated Total Water Use = _____ gallons

Show calculations here: