



COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
LANDSCAPE PLAN CHECK CORRECTIONS LIST

- REJECT
INCOMPLETE PLANS
MISSING ITEMS

ADDRESS or TR/PM/CUP NO.
LANDSCAPE PLAN (LS) NUMBER

- DESIGN CHECK
DETAIL CHECK
DIRECT CHECK

ENGINEERING FIRM
PROJECT ENGINEER
TELEPHONE No.
CHECKED BY
DATE
SUBMITTAL NO.
TEL. No.

Your plans have been checked and the necessary corrections, additions, and instructions are checked below. The plans will not be rechecked until the correction list is returned showing either your check mark indicating the correction has been made or a brief explanation for each item that does not have your check mark. Make all corrections checked below. Also, make corrections or additions indicated in red on the attached check print(s).

TOTAL LANDSCAPE AREA: s.f.

A. GENERAL

- 1. The Architect's/Engineer's Company name, address, telephone number, and signature, printed name and registration number of the architect/engineer in responsible charge for preparation of landscape plan including registration seal and expiration date must be on all sheets.
2. Submit:
Final Map
Grading Plan
Soils Management Report
Water Budget Calculation
3. Submit approved Fuel Modification Plan from the local Fire Department.
4. Submit Landscape Maintenance District (LMD) approval.
5. Submit Regional Planning approval for plant palette.
6. Submit approval from Flood Maintenance Division.
7. Label all property lines, easement lines (if any) and road right-of-way (R/W) lines on all plans
8. Submit CC&R to verify landscape maintenance responsibility

- 7. Indicate who will maintain landscape and irrigation system
8. Include note on plan:

STREET TREES WITHIN PUBLIC RIGHT-OF-WAY ARE TO BE PLANTED PER APPROVED STREET IMPROVEMENT PLANS

- 9. Include note on plan:

ALL HARDSCAPES, RETAINING WALLS, SWIMMING POOLS, AND/OR BLOCK WALLS MUST BE REVIEWED AND APPROVED UNDER A SEPARATE PERMIT

C. PLANTING PLANS

B. TITLE SHEET

- 1. Create title sheet.
2. Prepare key map outlining tract boundary by showing a distinctive border. Scale of map should be no greater than 1"=200'
3. Prepare a location map/vicinity map. Scale of map should be no greater than 1"= 1,000'. Show major cross streets
4. Provide total square footage of landscaped area on plan
5. Include/label Water Purveyor on plan.
6. Include legal description of project (street address, PM No., TR No.).

- 1. Depict all line of sight easements.
2. Do not plant trees within easement area.
3. Provide Plant Legends including the following:
Name of plants
Size of plant materials
Plant Factor (PF) value for each plant.
Plant setback information for each plant.
Plant material in compliance to Drought Tolerant Landscape (DTL) and MAWA.
4. Provide Plans:
Label plant materials
Show pervious and impervious surfaces.
Show LID/BMP features, if required.
5. Turf is not allowed on slopes 25 percent or steeper where toe of slope is adjacent to impervious surface.
6. Mulching is required in all planting areas (minimum depth to be 2"). Identify type.
7. Slope stabilization required for slopes steeper than 4:1.
8. Include Soil Management Report on Planting Plans. Incomplete information, e.g., soil amendment, is not accepted on the plans.

LANDSCAPE PLAN CHECK CORRECTIONS LIST (CONT.)

D. IRRIGATION PLANS

- 1. Provide dedicated meter per § 20.08.075 of the County Code. Must be labeled "For Irrigation Only"
 - For single-family residence or if landscape area is smaller than 5,000 s.f., sub-meter is allowed
 - For all others: dedicated water meter is required.
- 2. Provide backflow device
- 3. Irrigation plans shall include:
 - Water meter location
 - Irrigation Legend including following information:
 - List of all proposed irrigation equipment, including types e.g. drip/low volume spray/spray/rotor/temporary irrigation.
 - Flow rates (GPM), application rates (inch/hour) and design pressure (psi) information.
 - Layout of all irrigation equipment, e.g. (backflow device, irrigation controller, main and lateral pipes, valves, irrigation heads, driplines, etc.).
 - Indicate hydrozone on valve station call-outs.
 - Identify areas with HIGH/MODERATE/LOW/VERY LOW water use
 - Identify Special Landscape Area (SLA) as defined By State Water Efficient Model Ordinance.
 - Irrigation valves shall be designed to water different hydrozones with similar plant water use and site conditions.
 - Pressure loss calculations.
 - Irrigation scheduling. Refer to No. 14 Irrigation scheduling under this section for additional information.
 - Provide Water Efficient Landscape Worksheet with MAWA/ETWU calculations per State Ordinance Section 492.2 (see Attachment A for sample Worksheet).
- 4. Provide automatic irrigation controller.
 - Identify type (solar/electric)
 - Operates with input from off-site Evapotranspiration ET/weather data or on-site data through equipment such as soil-sensor or rain sensor
- 5. Provide manual shut-off valve upstream of backflow device
- 6. Irrigation design, e.g., equipment type, precipitation rate, to incorporate findings from Soil Management Report.
- 7. Irrigation design to conform to Hydrozones. Plants with different water needs shall be watered by separate valves.
- 8. Irrigation system shall be designed by matching precipitation rates.

- 9. Provide adequate sprinkler spacing. Overhead spray and rotor systems shall be designed for head to head coverage.
- 10. Provide swing joints/riser protection components on irrigation risers.
- 11. Provide check valves/anti-drain device for all irrigation zones (heads).
- 12. Eliminate water run-off to impermeable surface.
 - No spray system shall be installed in areas 8 feet or narrower
 - No spray heads shall be installed within 2 feet of impermeable surfaces unless following conditions are met:
 - Adjacent impermeable surface slopes towards planting area.
 - Adjacent surface is permeable.
 - Alternative design that eliminate run-off.
 - Irrigation heads shall have precipitation rate less than 0.75"/hr if placed on slopes steeper than 25 percent unless alternative design solution is provided to eliminate run-off
- 13. Trees' bubblers shall be on a separate valve from shrubs and ground covers.
- 14. Irrigation Scheduling:
 - Separate schedule for plant establish period and for established landscape (see Attachment B. 1/Peak summer schedule and Attachment B.2/Monthly schedule as samples).
 - Watering schedule to include estimated water use which shall not exceed calculated MAWA value for the project.
- 15. If reclaimed/recycled water or greywater is used for the proposed irrigation system, irrigation plans shall be submitted to the County of Los Angeles Department of Public Health/ Environmental Health/Cross Connection and Water Pollution Control Program Service. Please contact at (626) 430-5290.

E. SOIL MANAGEMENT REPORT

- 1. Submit soil sample to a certified laboratory for analysis and recommendations:
- 2. Soil analysis shall include:
 - Soil texture.
 - Indicate infiltration rate.
 - Indicate pH.
 - See State Water Efficient Landscape Ordinance Section 492.5 for additional requirements.
- 3. Include Soil Management Report as part of Planting Plans.

WATER AUDIT NOTE

THE CONTRACTOR WILL CONDUCT AN IRRIGATION AUDIT USING A CERTIFIED IRRIGATION AUDITOR, AFTER THE FINAL FIELD OBSERVATION HAS BEEN COMPLETED AND ALL IRRIGATION COMPONENTS ARE INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE IRRIGATION SYSTEM IS ACCEPTED BY THE PROJECT ARCHITECT FOR MAINTENANCE.

THE IRRIGATION AUDIT WILL BE CONDUCTED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

1. PLACE FLAGS AT EACH HEAD IN THE ZONE.
2. MEASURE SPACING AND MARK MID-POINTS BETWEEN HEADS.
3. PLACE WATER MEASURING RECEPTACLES.
4. TAKE READINGS OF WATER LEVEL IN RECEPTACLES AND RECORD RESULTS.
5. MEASURE HEAD PRESSURE IN EACH ZONE AND RECORD RESULTS.
6. AFTER COMPLETING ZONE ADVANCE TO NEXT ZONE AND REPEAT PROCEDURE.
7. SUBMIT THE RESULTS OF THE AUDIT TO THE PROJECT ARCHITECT.

THE IRRIGATION MAINTENANCE SCHEDULE TASKS LISTED BELOW ARE INTENDED AS MINIMUM STANDARDS AND MORE FREQUENT ATTENTION MAY BE REQUIRED DEPENDING ON THE PARTICULAR SITE CONDITIONS.

<u>MAINTENANCE TASK</u>	<u>FREQUENCY</u>
1. CONTROLLER CABINET - OPEN CABINET AND CLEAN OUT DEBRIS AND REPLACE BATTERY AS NECESSARY. CHECK WIRING AND REPAIR AS NEEDED AND CHECK CLOCK AND RESET, IF NECESSARY.	QUARTERLY
2. IRRIGATION SCHEDULE - ADJUST SCHEDULE FOR SEASONAL VARIATIONS AND OTHER CONDITIONS WHICH MAY AFFECT THE AMOUNT OF WATER NEEDED TO MAINTAIN PLANT HEALTH ADJUST AS NECESSARY.	MONTHLY
3. POC - VISUALLY INSPECT COMPONENTS FOR LEAKS, PRESSURE SETTINGS, SETTLEMENT OR OTHER DAMAGE AFFECTING THE OPERATION OF A COMPONENT REPAIR AS NEEDED.	QUARTERLY
4. REMOTE CONTROL VALVES, ISOLATION VALVES AND QUICK COUPLER VALVES VISUALLY INSPECT FOR LEAKS, SETTLEMENT, WIRE CONNECTIONS AND PRESSURE SETTINGS. REPAIR OR ADJUST AS NEEDED.	QUARTERLY
5. MAINLINE AND LATERALS VISUALLY INSPECT FOR LEAKS OR SETTLEMENT OF TRENCH.	QUARTERLY
6. SPRINKLERS VISUALLY CHECK FOR ANY BROKEN MISSED OR CLOGGED HEADS. HEADS WITH INCORRECT ARC, INADEQUATE COVERAGE OR OVERSPRAY AND LOW HEAD DRAINAGE REPAIR AS NEEDED.	WEEKLY
7. FILTERS AND STRAINERS VISUALLY CHECK FOR LEAKS, BROKEN FITTING CLEAN AND FLUSH SCREENS.	MONTHLY

AUDIT SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE LATEST LANDSCAPE IRRIGATION AUDITOR HANDBOOK. THE LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFIED INDIVIDUAL AND THE AUDIT SCHEDULE SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 20, DIVISION 1 OF THE LOS ANGELES COUNTY CODE.

Maintenance Schedules:

Maintenance Schedules. A regular maintenance schedule satisfying the following conditions shall be submitted as part of the landscape documentation package.

Landscape shall be maintained to ensure water efficiency. A regular maintenance schedule shall include, but not be limited to, checking, adjusting, and repairing irrigation equipment, resetting the automatic controller, aerating and dethatching turf areas, replenishing mulch, fertilizing, pruning, and weeding in all landscape areas.

Whenever possible, repair of irrigation equipment shall be done with the originally specified materials or their equivalents.

A landscape irrigation audit schedule as required in chapter 20.09 of Title 20 may be recommended. The maximum period between audits shall be five years.

Irrigation Audit Schedules:

Landscape Irrigation Audit Schedules. A schedule of landscape irrigation audits of at least every five years must be established, for all but single-family residences, and other projects with a landscape area less than 1 acre (0.405 ha). As required in Chapter 20.09 of Title 20 (Utilities Codes), an audit satisfying the following conditions shall be submitted to the County as part of the landscape documentation package.

At a minimum, audits shall be in accordance with the latest State of California Landscape Water Management Program as described in the Landscape Irrigation Auditor Handbook, prepared for the California Department of Water Resources, Water Conservation Office, the entire document, which is hereby incorporated by reference.

The schedule shall provide for landscape irrigation audits to be conducted by a qualified individual as determined by the Director at least once every five years in accordance with the requirements of Title 20, Division 1 of the Los Angeles County Code.

Monument Note:

CONTRACTOR TO PROTECT AND PRESERVE IN PLACE ALL EXISTING SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE RESET BY A LICENSED LAND SURVEYOR AND THE APPROPRIATE CORNER RECORD MUST BE FILED WITH THE COUNTY OF LOS ANGELES.

Fire Prevention Regional Offices

Fire Prevention Division Headquarters, Fire Marshal's Office
 5823 Rickenbacker Road, Commerce, CA. 90040
 (323) 890-4132

North Regional Offices	
<p><i>Santa Clarita</i> 23757 Valencia Blvd Valencia, CA 91355 (661) 286-8821</p>	<p>Agua Dulce, Canyon Country, Castaic, Chatsworth (Co), Newhall, Olive View, Santa Clarita*, Saugus, Stevenson Ranch, Val Verde, Valencia</p>
<p><i>Lancaster</i> 335-A East Ave K-6 Lancaster, CA 93535 (661) 949-6319</p>	<p>Antelope Acres, Del Sur, Gorman, Green Valley, Lake Hughes, Lake Los Angeles, Lancaster*, Leona Valley, Llano, Quail Lake, Quartz Hill, Roosevelt</p>
<p><i>Palmdale</i> 823-A East Ave Q-9 Palmdale, CA 93550 (661) 537-2901</p>	<p>Acton, Palmdale*, Pearblossom, Valeyrmo, Vasquez Rocks, Wrightwood</p>
<p><i>Calabasas</i> 26600 Agoura Road, Suite 110 Calabasas, CA 91302 (818) 880-0341</p>	<p>Agoura Hills*, Calabasas*, Hidden Hills*, Malibu*, Topanga, Westlake Village*</p>

Central Regional Offices	
<p><i>West Hollywood</i> 864 N San Vicente Blvd West Hollywood, CA 90069 (310) 358-2380</p>	<p>Baldwin Hills, Ladera Heights, Universal City, West Hollywood *, Windsor Hills</p>
<p><i>Hawthorne</i> 4475 W El Segundo Blvd Hawthorne, CA 90250 (310) 263-2732</p>	<p>Athens, Gardena*, Hawthorne*, Inglewood*, Lawndale*, Lennox, Marina Del Rey</p>
<p><i>Lynwood</i> 3161 Imperial Hwy Lynwood, CA 90262 (310) 830-9596</p>	<p>Firestone, Florence, Gardena (Co), Huntington Park*, Lynwood*, South Gate*, Walnut Park, Willowbrook</p>
<p><i>Carson</i> 701 E Carson St, Rm B-24 Carson, CA 90745 (310) 830-9596</p>	<p>Carson*, Dominguez, Lomita*, Palos Verdes Estate*, Rancho Dominguez, Rancho Palos Verdes*, Rolling Hills*, Rolling Hills Estate*, San Pedro (Co), Santa Catalina, Torrance (Co), Wilmington (Co)</p>

*Incorporated Cities

For most current contact information, see <http://www.fire.lacounty.gov/fire-prevention-division/contact-us/>

East Regional Offices	
<p><i>Arcadia</i> 125 S. Baldwin Ave Arcadia, CA 91006 (626) 574-0963</p>	<p>Altadena, Angeles Crest, Arcadia (Co), El Monte*, La Canada Flintridge*, La Crescenta, Montrose, Pasadena (Co), San Gabriel (Co)</p>
<p><i>East Los Angeles</i> 4801 E. Third St Los Angeles, CA 90022 (323) 881-7068</p>	<p>Bell*, Bell Gardens*, Belvedere, City Terrace, Cudahy*, East Los Angeles, Maywood*</p>
<p><i>Cerritos</i> 19030 Pioneer Blvd Cerritos, CA 90703 (562) 860-8014</p>	<p>Artesia*, Bellflower*, Cerritos*, Compton (Co), Hawaiian Gardens*, Lakewood*, La Mirada*, Norwalk*, Paramount*, Signal Hill*, Whittier (Co)</p>
<p><i>Industry</i> 15660 Stafford Street Industry, CA 91744 (626) 336-6950</p>	<p>Basset, Hacienda Heights, Industry*, La Puente*, Pico Rivera*, Rosemead*, Rowland Heights, South El Monte*, South San Gabriel, Temple City*, Valinda</p>
<p><i>Azusa</i> 605 N. Angeleno Ave Azusa, CA 91702 (626) 969-7876</p>	<p>Azusa*, Bradbury*, Duarte*, Irwindale*</p>
<p><i>La Habra</i> 850 W. La Habra Blvd La Habra, CA 90633 (562) 691-9369</p>	<p>La Habra*, Whittier*</p>
<p><i>Glendora</i> 231 W. Mountain View Ave Glendora, CA 91741 (626) 963-0067</p>	<p>Claremont*, Glendora*, Padua Hills, San Dimas*</p>
<p><i>Commerce</i> 2535 Commerce Way Commerce, CA 90040 (323) 720-9913</p>	<p>Commerce*</p>
<p><i>Covina</i> 400 N. Citrus Ave Covina, CA 91723 (626) 974-8335</p>	<p>Baldwin Park*, Covina*</p>
<p><i>Pomona</i> 590 S. Park Avenue Pomona, CA 91766 (909) 620-2216</p>	<p>Diamond Bar*, La Verne (Co), Pomona*, Walnut*</p>

*Incorporated Cities

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ATTACHMENT A (DRAFT) WATER EFFICIENT WORK SHEET

PROJECT NAME: Colorado Blvd. Streetscape Improvements Rosemead Blvd. to Michillinda Ave.
 PROJECT LOCATION: Pasadena
 TOTAL LANDSCAPE AREA: 187,666 sq.ft.

Maxium Applied Water Allowance (MAWA)

MAWA = (ETo) (0.62) [(0.7 x LA) + (0.3 x SLA)]

MAWA= Maximum Applied Water Allowance
 ETo = Reference Evapo.....
 0.62 = Conversion factor (to gallons per square foot)
 0.7 = ET Adjustment Factor (ETAF)
 LA = Landscaped Area includes
 0.3 = Additional ET Adjustment Factor for Special Landscape Area (1.0 - 0.7 = 0.3)
 SLA - Portion of Landscape Area identified as Special Landscape Area - see Definitions (square feet)

Applicant to fill in boxes below.

52.3	ETo (reference Evapotranspiration from Appendix A (inches per year)
187,666	Landscape Area including Special Landscape Area/SLA (square feet)
145,640	Portion of Landscape Area identified as Special Landscape Area (square feet)

	ETo		ETAF		AREA (s.f.)		Conversion		MAWA
MAWA for LA	52.3	x	0.7	x	187,666	x	0.62	=	4,259,680
MAWA for SLA*	52.3	x	0.3	x	145,640	x	0.62	=	1,416,757
Total MAWA									5,676,437 (gallons per year)

Estimated Total Water Use (ETWU)

ETWU = (ETo) (0.62) [(PF x HA) / IE + SLA]

ETWU = Estimated ...
 ETo = Reference Evapo.....
 0.62 = Conversion factor (to gallons per square foot)
 PF = Plant Factor from WUCOLS (see Definitions)
 HA = Hydrozone Area - planting area separated to high, moderate, low and very low water use areas (square feet)
 IE = Irrigation Efficiency - see Chart ** (minimum 0.71)

SLA - Portion of Landscape Area identified as Special Landscape Area - see Definitions (square feet)

ETWU arrived from Hydrozone Table below= **5,298,326** gallons per year

HYDROZONE TABLE

hydrozone	plant water use type	plant factor (PF) (see table B)	hydrozone area (HA) (square ft.)	PFxHA (square ft.)	% of landscape area (LA)	irrigation efficiency IE	Hydrozone ETWU
1	cool/turf	0.8	0	0	0%	0.71	0
2	warm/turf	0.6	0	0	0%	0.71	0
3	high water	0.8	0	0	0%	0.71	0
4	mod.water	0.5	0	0	0%	0.90	0
5	low water	0.3	42,026	12,608	22%	0.71	575,804
6	low water	0.2	0	0	0%	0.90	0
7	very low	0.1	0	0	0%	0.90	0
						<i>Subtotal ETWU</i>	575,804
8	SLA	--	145,640	--	78%	--	4,722,523
		TOTAL	187,666		100%		5,298,326

Table A - PF (Plant Factor)

Cool Season Turf*	0.8	
Warm Season Turf**	0.6	
High Water Using Plants	0.8	can be between 0.7 - 0.9
Moderate Water Using Plants	0.5	can be between 0.4 - 0.6
Low Water Using Plants	0.2	can be between 0.1 - 0.3
Very Low water Using Plants	0.1	below 0.1

* species include tall fescue, ryegrass, bentgrass and kentucky bluegrass

** species include bermudagrass, zoysizgrass, st. augustinegrass

Table B - IE (Irrigation Efficiency)

Pop-up spray heads	0.71
Rotor heads	0.75
Microspray	0.75
Bubblers	0.8
Drip emitters	0.85
Subsurface irrigation	0.9

note: adjustment can be made based on exact type of equipment

ATTACHMENT B.1 (DRAFT)

IRRIGATION SCHEDULE (Peak Summer Schedule)

PROJECT NAME:

PROJECT LOCATION: SOMEWHERE IN LOS ANGELES

TOTAL LANDSCAPE AREA: 770 sq.ft.

ETo: Los Angeles (available thr

<i>jan.</i>	<i>feb.</i>	<i>mar.</i>	<i>april</i>	<i>may</i>	<i>june</i>	<i>july</i>	<i>aug.</i>	<i>sept.</i>	<i>oct.</i>	<i>nov.</i>	<i>dec.</i>	<i>annual</i>
2.2	2.7	3.7	4.7	5.5	5.8	6.2	5.9	5	3.9	2.6	1.9	50.1

IRRIGATION SCHEDULE FOR SUMMER (JULY): (use columns as applicable to the project)

<i>valve no.</i>	<i>valve size</i>	<i>flow (GPM)</i>	<i>irr. effcy. (IE)</i>	<i>irr. type</i>	<i>area (sq.ft.)</i>	<i>plant type</i>	<i>precip rate (in/min.)</i>	<i>plant factor (PF)</i>	<i>runtime (min.)</i>	<i>nos. of cycle</i>	<i>frequency per week</i>	<i>total monthly (gallons)</i>
1	1"	18	0.9	drip	100	shrub		0.5				
2	1-1/2"	33	0.71	spray	120	shrub		0.5				
3	1-1/2"	30	0.71	spray	300	shrub		0.4				
4	1-1/2"	30	0.75	rotor	200	shrub						
5	1"	10	0.9	drip	50	grn. Cover		0.7				
6	1"	5	0.85	bubbler	0	tree						

Provide monthly schedule for each valve.

ATTACHMENT B.2 (DRAFT)
IRRIGATION SCHEDULE (Monthly Schedule)

PROJECT NAME:
 PROJECT LOCATION: SOMEWHERE IN LOS ANGELES
 TOTAL LANDSCAPE AREA: 770 sq.ft.

ETo: Los Angeles (available thr

jan.	feb.	mar.	april	may	june	july	aug.	sept.	oct.	nov.	dec.	annual
2.2	2.7	3.7	4.7	5.5	5.8	6.2	5.9	5	3.9	2.6	1.9	50.1

valve no.	valve size	flow (GPM)	irr. effcy. (IE)	irr. type	area (sq.ft.)	plant type	precip rate (in/min.)	plant factor (PF)	runtime (min.)	nos. of cycle	frequency per week	total monthly (gallons)
1	1"	18	0.9	drip	100	shrub		0.5				

IRRIGATION SCHEDULE FOR SUMMER (JULY): (use columns as applicable to the project)

valve no.	valve size	flow (GPM)	irr. effcy. (IE)	irr. type	area (sq.ft.)	plant type	precip rate (in/min.)	plant factor (PF)	runtime (min.)	nos. of cycle	frequency per week	total monthly (gallons)
1	1"	18	0.9	drip	100	shrub		0.5				
2	1-1/2"	33	0.71	spray	120	shrub		0.5				
3	1-1/2"	30	0.71	spray	300	shrub		0.4				
4	1-1/2"	30	0.75	rotor	200	shrub						
5	1"	10	0.9	drip	50	grn. Cover		0.7				
6	1"	5	0.85	bubbler	0	tree						

*Plant Factor from WUCOLS

$$ETWU = (51.1)(0.62) \left(\frac{23,500}{0.71} + 2,000 \right)$$
$$= (31.68) (33,099 + 2,000)$$
$$= 1,111,936 \text{ gallons per year}$$

Compare ETWU with MAWA. For this example:

$$MAWA = (51.1) (0.62) [(0.7 \times 50,000) + (0.3 \times 2,000)]$$
$$= 31.68 \times [35,000 + 600]$$
$$= 31.68 \times 35,600$$
$$= 1,127,808 \text{ gallons per year}$$

The ETWU (1,111,936 gallons per year) is less than MAWA (1,127,808 gallons per year). For this example, the water budget complies with the MAWA.

Note: Authority Cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

§ 492.5 Soil Management Report.

7105.1

(a) In order to reduce runoff and encourage healthy plant growth, a soil management report shall be completed by the project applicant, or his/her designee, as follows:

(1) Submit soil samples to a laboratory for analysis and recommendations.

(A) Soil sampling shall be conducted in accordance with laboratory protocol, including protocols regarding adequate sampling depth for the intended plants.

(B) The soil analysis may include:

1. soil texture;
2. infiltration rate determined by laboratory test or soil texture infiltration rate table;
3. pH;
4. total soluble salts;
5. sodium;
6. percent organic matter; and
7. recommendations.

(2) The project applicant, or his/her designee, shall comply with one of the following:

(A) If significant mass grading is not planned, the soil analysis report shall be submitted to the local agency as part of the Landscape Documentation Package; or

(B) If significant mass grading is planned, the soil analysis report shall be submitted to the local agency as part of the Certificate of Completion.

(3) The soil analysis report shall be made available, in a timely manner, to the professionals preparing the landscape design plans and irrigation design plans to make any necessary adjustments to the design plans.

(4) The project applicant, or his/her designee, shall submit documentation verifying implementation of soil analysis report recommendations to the local agency with Certificate of Completion.

Note: Authority Cited: Section 65595, Government Code. Reference: Section 65596, Government Code.