

		Maximum Applied Water Allowance (MAWA)							
		MAWA=	(Eto) x 0.62 x [(0.55 x LA)+(1 - 0.55 x SLA)]						
		(Eto)	LANDSCAPE AREA (LA)	ETAF			SLA	MAWA	
		50.1	3512	0.55			0.00	59999.36	GAL/YR
		Estimated Total Water Use (ETWU)							
		ETWU=(Eto)*(.62)*(PF*HA/IE+SLA)						ETWU	
								52310.71	GAL/YR
		Hydrozone Table for Calculating ETWU							
Zone	Planting Description	Water Needs	PF	Irrigation Method	IE	ETAF (PF/IE)	Hydrozone Area (HA)	ETAF x HA	
1	Trees	Low	0.3	Drip	0.81	0.37	80	30	920.36
2	Shrubs/GC	Low	0.3	Drip	0.81	0.37	381	141	4383.19
3	Shrubs	Low	0.3	Drip	0.81	0.37	393	146	4521.25
4	Shrubs/GC	Low	0.3	Drip	0.81	0.37	311	115	3577.88
5	Shrubs/GC	Low	0.3	Drip	0.81	0.37	404	150	4647.80
6	Turf	High	0.8	Drip	0.81	0.99	430	425	13191.76
7	Shrubs/GC	Low	0.3	Drip	0.81	0.37	261	97	3002.66
8	Turf	High	0.8	Drip	0.81	0.99	191	189	5859.60
9	Groundcover	Low	0.3	Drip	0.81	0.37	372	138	4279.65
10	Trees	Low	0.3	Drip	0.81	0.37	60	22	690.27
11	Shrubs/GC	Low	0.3	Drip	0.81	0.37	387	143	4452.22
12	Shrubs/Vines	Low	0.3	Drip	0.81	0.37	242	90	2784.08
Sum					0.81	0.47	3512.00	1684.07	52310.71
							A	B	
Special Landscape Areas									
						1.00	0	0	
Sum						1.00	0.00	0.00	
							C	D	
ETAF CALCULATIONS									
Regular Landscape Areas					All Landscape Areas				
Total ETAF x Area		(B)	1684.07	Total ETAF x Area		(B+D)	1684.07		
Total Area		(A)	3512.00	Total Area		(A+C)	3512.00		
Average ETAF		(B / A)	0.48	Average ETAF		(B+D / C+ A)	0.48		

Legend					
	Botanical Name	Common Name	Size	Qty	WUCOLS Listed By
1	Galvezia speciosa 'Firecracker'	Firecracker Island Snapdragon	1 Gal.	25	Low N
2	Cercidium floridum	Palo Verde	24" Box	2	Low N
3	Chilopsis linearis	Desert Willow	24" Box	2	Low N
4	Juncus patens 'Elk Blue'	Elk Blue California Grey Rush	5 Gal.	33	Low LAR
5	Clematis pauciflora	Ropevine	Each	5	Low N
6	Olea europaea 'Fruitless'	Wilson Fruitless Olive	24" Box	2	Low
7	Rhamnus californica ssp. californica	Coffeeberry	5 Gal.	26	Low LAR
8	Salvia mellifera	Black Sage	5 Gal.	28	Low LAR
9	Yucca whipplei	Our Lord's Candle	5 Gal.	13	Low LAR
10	Dudleya pulverulenta	Chalk Dudleya -- plant @ 18"OC	flats	5	Low LAR
11	Erigeron glaucus 'Sea Breeze'	Sea Breeze Seaside Daisy @ 18"OC	flats	8	Low N
12	Leymus triticoides	Creeping Wildrye -- plant @ 24"OC	flats	2	Low LAR
13	RTF Sod		621 s.f.		High
14	Street tree TBD by Urban Forestry		24" Box	1	
15	1"-2" Mexican River Rock		3.36 cu. yd.		
16	3/4" Pea gravel @ 3" deep		2.37 cu. yd.		

LAR = Los Angeles County River Master Plan Landscaping Guidelines and Plant Palettes
N = Native Plant listed in Theodore Payne Foundation California Native Plant Library

NOTE: Soil in planting areas to be amended with Class I Forest Floor Mulch available from C&M Topsoil, Inc. 818-899-5485

Final determination of tree planting locations is subject to approval by Bureau of Street Services, Urban Forestry Division.

The Bureau of Street Services, Urban Forestry Division shall inspect and tag trees upon delivery to the job site. It is the responsibility of the Contractor to ensure the trees are the proper species approved by an authorized representative of Urban Forestry Division.

The street trees shall meet or exceed the criteria of good quality tree stock set forth by the UrbanTree Foundation's <http://www.urbantree.org/> and the Western Chapter of the International Society of Arboriculture's (WCISA) Guideline Specifications for Nursery Tree Quality. <http://www.wcisa.net/downloads/NurseryTreeSpecs.pdf>

Contact Urban Forestry Division 213-847-3077 at least five working days before delivery to arrange an appointment with the inspector. Inspector shall review the proposed tree locations prior to the construction of the sidewalk. Urban Forestry Division accepts no responsibility for any purchasing and/or delivery arrangements and shall reject any trees failing to meet the specifications set forth in the Urban Tree Foundation's and WCISA's Guidelines Specifications for Nursery Tree Quality.

Contractor shall be responsible for any permit requirements or fees.

Application: RIO APPLICATION AND CHECKLIST FOR MINISTERIAL REVIEW
Administrative Clearance for River Improvement Overlay District

Related Zone Code Sections: Ordinance 183,145 established the River Improvement Overlay (RIO) District. Refer to the Section 13.17 of the Los Angeles Municipal Code for detailed instructions.

Note: The Administrative Clearance fee shall be paid prior to receiving the clearance.

Section F- Development Regulations

1. Landscaping. Indicate the drawing sheet that illustrates the percentage of new landscaped area and the associated plant species. The drawing should identify whether a plant is either a native species, Watershed Wise and/or from the Los Angeles County River Master Plan Landscaping Guidelines and Plant Palettes. An exception is also made for herbs, fruits or vegetable plants.

2. Screening/Fencing.

a. Loading/Off-Street Parking. For a project with any loading areas and/or off-street parking facilities that contain three or more spaces indicate the drawing sheet that illustrates the location of the parking/loading areas and the location, height and design of the screening that shields views of the parking/loading from the abutting right-of-ways and the River.

b. Equipment. For a project that includes any exterior equipment (electrical transformers, mechanical units, water meters) indicate the drawing sheet(s) that illustrate the location of each equipment and any associated screening so that the equipment is screened from public view.

c. Exterior Trash Enclosures. For a project that includes a trash disposal unit indicate the drawing sheet that illustrates the location of the unit(s) and the design of any enclosures.

d. Fencing. For any project, with the exception of single family homes (but including homes built as part of the small lot ordinance) that faces a street that crosses the river or terminates at the river or a river frontage road and/or faces a river frontage road and includes a fence within the front or side yards that is visible from the street indicate the drawing sheet that illustrates the location and design of the fence.

3. Exterior Site Lighting. Indicate the drawing sheet that illustrates the location and design characteristics of any site and building mounted lighting.

CP-3519 RIO (revised 11/17/2014) Page 1 of 2

4. Projects within Inner Cone:

a. Landscape Buffer. Indicate the drawing sheet that illustrates the location of the 10' buffer.

b. Fence. Indicate the drawing sheet that illustrates the location and design, and height of any fence at or within the 10' buffer area.

c. Fence Height. See (b) above.

d. Gates. Indicate the drawing sheet that illustrates the location, height design and operation of the gate(s). Small-lot projects shall comply with the requirements of Section F.A.I. and therefore the gate may be a single gate from the entire project to the river and not from individual homes.

e. Noise. Projects subject to a conditional use permit for the sale or dispensing of alcoholic beverages, including beer and wine, shall indicate the drawing sheet that illustrates the location and design of all noise-attenuating features such that operational sounds shall not exceed 5 decibels above the existing or presumed ambient levels of the property (line) or proposed on the opposite bank.

f. River Access. See (d) above.

g. Riverfront Door. Indicate the drawing sheet that illustrates the location of a doorway visible to, (not necessarily parallel to) and accessible from the river corridor or frontage road.

ADMINISTRATIVE CLEARANCE FEE-RECEIPT NUMBER

Applicant's signature _____ Today's date _____

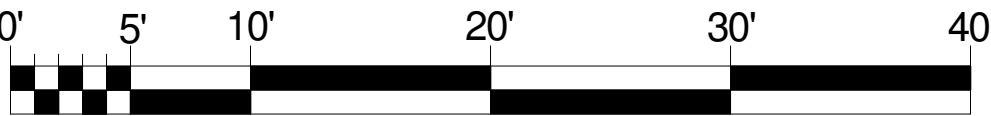
Applicant's name printed _____

CP-3519 RIO (revised 11/17/2014) Page 2 of 2

NATIVE / WATERSHED WISE PLANT RATIO
Total Landscape Area: 3,512 sq. ft.
Total Native / Watershed Wise Planting Area: 2,669 sq. ft.
Pct. of Native / Watershed Wise plants to total Landscape: 76% (2,669 / 3,512 = 0.759)

LAWN TO LANDSCAPE RATIO
Total Landscape Area: 3,512 sq. ft.
Total Lawn Area: 621 sq. ft.
Pct. of Lawn to Total Landscape: 18% (621 / 3,512 = 0.176)

LEGAL DESCRIPTION:
APN: 5593024025
PIN: 159B205 160
TRACT: TR 644
BLOCK: C, LOT 25
MAP REF: M B 15-198/199



Harmony Gardens, Inc.
Shelley Sparks, RLA #2886
12224 Addison Street
Valley Village, CA 91607
(818) 505-9783
Shelley@Harmonygardens.net

REVISION LOG:

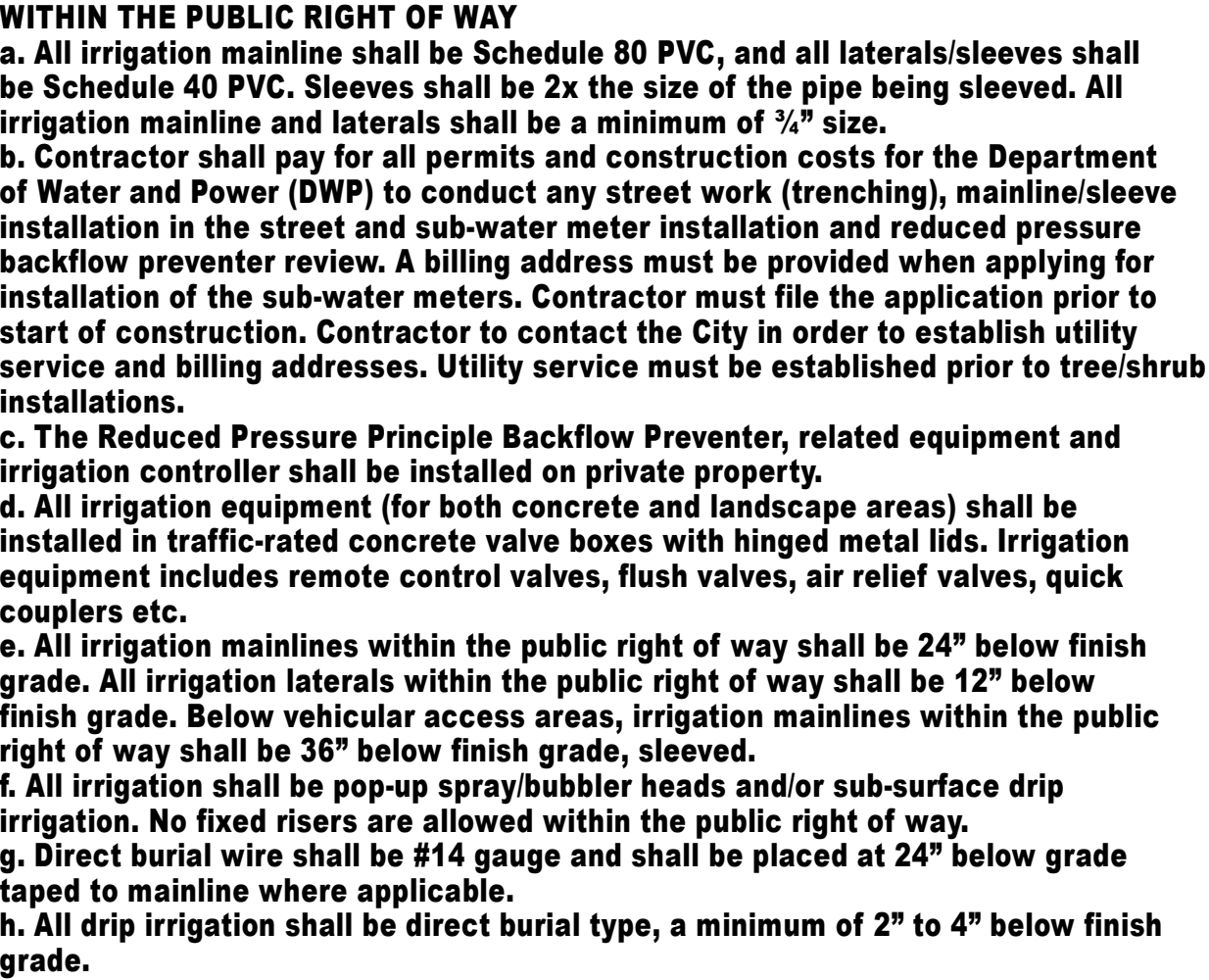
SUBMITTAL:
NO: DATE:










PROJECT ADDRESS:
4559 BRUNSWICK AVE.
LOS ANGELES, CA 90039

OWNER ADDRESS:
Revolos Corporation
21026 Osborne St., Unit 4
Canoga Park, CA 91304

LANDSCAPE PLAN

Date: 07/10/2017
Scale: 1/8" = 1'
Sheet No. L1
1 of 3



IRRIGATION LEGEND		
SYMBOL	DESCRIPTION	PART NO
	FEBCO BACKFLOW PREVENTER	MODEL 825Y
	WILKINS PRESSURE REDUCING VALVE	600
	HUNTER CONTROL ZONE VALVE KIT	PCZ-10 - 25
	HUNTER RAIN SENSOR CONDUIT MOUNT	SOLAR-SYNC
	HUNTER I-CORE CONTROLLER	IC-600-M, six station w/ one ICM-600 module
	HOSE BIBB - OWNER TO SELECT LOCATION	
	NIBCO GATE VALVE	
	SCHEDULE 40 PVC LATERAL LINE	
	SCHEDULE 40 MAIN LINE	

STATIC PRESSURE AT METER: high 94 PSI; low 66 PSI per Aida Fitton, LADWP 213-367-0973

IRRIGATION LEGEND										
ZONE	SYM.	DESCRIPTION	PART NO	PRESSURE	GPM	APP. IN/HR	QTY	SPACING	SUBTOTAL	TOTAL GPM
1		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	60	16"	0.60	0.60
2		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	286	16"	2.86	2.86
3		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	295	16"	2.95	2.95
4		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	234	16"	2.34	2.34
5		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	303	16"	3.03	3.03
6		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	323	16"	3.23	3.23
7		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	196	16"	1.96	1.96
8		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	144	16"	1.44	1.44
9		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	279	16"	2.79	2.79
10		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	45	16"	0.45	0.45
11		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	291	16"	2.91	2.91
12		HUNTER PLD DRIP TUBING	PLD-06-12	30	0.01	0.72	182	16"	1.82	1.82

IRRIGATION SCHEDULING

- WATER DURING PLANT ESTABLISHMENT:
SHRUB AND GROUND COVER SYSTEMS: 10 MIN., 1X PER DAY, FOR FIRST 10 DAYS.
LAWN SYSTEMS: 10 MIN., 2X PER DAY, FOR FIRST 10 DAYS

SPRING WATERING AFTER PLANT ESTABLISHMENT -
TREE, SHRUB AND GROUND COVER SYSTEMS 6 MIN., 3X PER WEEK
:LAWN SYSTEMS: 8 MIN., 3X PER WEEK

SUMMER WATERING AFTER PLANT ESTABLISHMENT:
SHRUB AND GROUND COVER SYSTEMS: 10 MIN., 3X PER WEEK-
LAWN SYSTEMS: 10 MIN., 1X EVERY OTHER DAY

FALL WATERING AFTER PLANT ESTABLISHMENT -
TREE, SHRUB AND GROUND COVER SYSTEMS 6 MIN, 3X PER WEEK
:LAWN SYSTEMS: 9 MIN., 3X PER WEEK

WINTER WATERING AFTER PLANT ESTABLISHMENT:
SHRUB AND GROUND COVER SYSTEMS: 10 MIN., 2X PER WEEK
LAWN SYSTEMS: 7 MIN., 3X PER WEEK

Green Building Notes

A diagram of the irrigation plan showing hydrozones shall be kept with the irrigation controller for subsequent management purposes."

At the time of final inspection, the permit applicant must provide the owner of the property with a certificate of completion, certificate of installation, irrigation schedule and irrigation maintenance.

An irrigation audit report shall be completed at the time of final inspection.

Pressure regulating devices are required if water pressure is below or exceeds the recommended pressure of the specified irrigation devices.

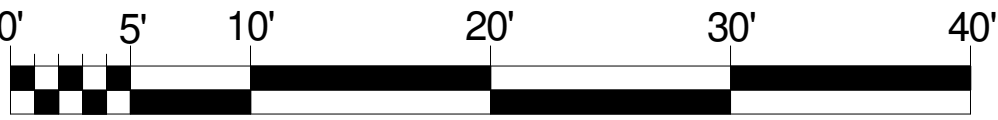
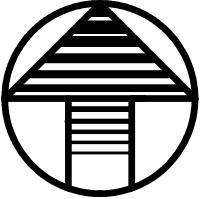
I have complied with the criteria of the ordinance and applied them for the efficient use of water in the landscape design plans.

I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete Landscape Documentation Package.

Signed: _____

Date:

LEGAL DESCRIPTION:
APN: 5593024025
PIN: 159B205 160
TRACT: TR 644
BLOCK: C , LOT 25
MAP REF: M B 15-198/199



Harmony Gardens, Inc.
Shelley Sparks, RLA #2896
12224 Addison Street
Valley Village, CA 91607
(818) 505-9783
Shelley@Harmonygardens.net

REVISION LOG:

SUBMITTAL:	
NO:	DATE:

PROJECT ADDRESS:

OWNER ADDRESS:

4559 BRUNSWICK AVE.
LOS ANGELES, CA 90039

Revosol Corporation
21026 Osborne St., Unit 4
Canoga Park, CA 91304

IRRIGATION PLAN

Date: 07/10/2017

Scale: $1/8" = 1'$

Sheet No.

L2
2 of 3