

Riviera Restaurant												
Yearly ET0												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ET0
2.49	2.91	4.16	5.27	5.94	6.56	7.22	6.92	5.35	4.05	2.94	2.56	56.37
0.34	0.40	0.58	0.73	0.82	0.91	1.00	0.96	0.74	0.56	0.41	0.35	

(Initial Watering Schedule for 70% ET, For July 7.90 inches, Adjust Monthly by Percent)

CONTROLLER							
Station	Flow (gpm)	Sprinkler Type	Plant Type	App. Rate Inches/Hr.	Water Days	Daily Run Time, Min.	
1	1	Drip	Shrub	0.39	7	25	
2	4	Bubbler	Pots	5	5	5	
3	1	Drip	Shrub	0.39	7	25	
4	5	Bubbler	Trees	10	4	7	

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(Established Watering Schedule for 70% ET, For July 7.90 inches, Adjust Monthly by Percent)

CONTROLLER							
Station	Flow (gpm)	Sprinkler Type	Plant Type	App. Rate Inches/Hr.	Water Days	Daily Run Time, Min.	
1	1	Drip	Shrub	0.39	7	20	
2	4	Bubbler	Pots	5	5	3	
3	1	Drip	Shrub	0.39	7	20	
4	5	Bubbler	Trees	10	3	4	

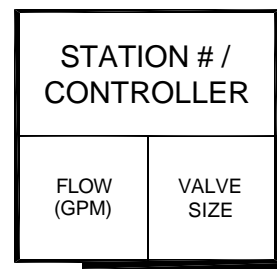
EQUIPMENT LEGEND				
SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
M	EXISTING WATER METER	1"	N/A	-
C	HUNTER PC-600F SERIES IRRIGATION CONTROLLER EQUIPPED WITH A RAINBIRD ET MANAGER LOCATED IN A STRONG BOX SB-TBSSW WALL MOUNT VANDAL RESISTANT ENCLOSURE	6 STA.	'A', U-2	(1,2)
FB	FEBCO B25Y REDUCED PRESSURE BACKFLOW PREVENTER LOCATED IN A STRONG BOX SBBC-30SS VANDAL RESISTANT ENCLOSURE	3/4"	'B', U-2	(3,4)
B	NIBCO T-585 BRONZE BALL VALVE	1"	'C', U-2	(3,4)
Z	HUNTER IC2-101 DRIP CONTROL ZONE ASSEMBLY	1"	'D', U-2	(3,4)
V	HUNTER ICV-101G-R REMOTE CONTROL ELECTRIC VALVE	1"	'E', U-2	(3,4)
---	EXISTING WATER SERVICE LINE	PLAN SIZE	N/A	-
---	SCH. 40 NON-POTABLE PURPLE PVC IRRIGATION MANLINE - 24" MIN. COVER	1"	'F', U-2	(3,4)
---	CLASS 200 NON-POTABLE PURPLE PVC NON-PRESSURE LATERAL LINE - 12" MIN. COVER	3/4"	'F', U-2	(3,4)
---	SCH. 40 NON-POTABLE PURPLE PVC DRIP DISTRIBUTION PIPE	1"	'I&J', U-2	-
---	SCH. 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 24" MIN. COVER	SEE CHART	'C', U-2	-
---	NOT SHOWN	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	'H', U-2

(1) LANDSCAPE CONTRACTOR TO COORDINATE ELECTRICAL POWER W/ ELECTRICAL CONTRACTOR  
(2) CONTROLLER TO BE EQUIPPED W/ A HUNTER MINI-CLICK SENSOR GUARD RAIN SENSOR PER MANUF. SPEC.  
(3) PIPING AND VALVES ARE SHOWN IN HARDSCAPE FOR CLARITY ONLY. PIPING AND VALVES TO BE LOCATED IN PLANTER AREAS WHEREVER POSSIBLE.  
(4) ALL PIPING, VALVES AND VALVE BOXES TO BE INSTALLED WITH PURPLE NON-POTABLE COMPONENTS.

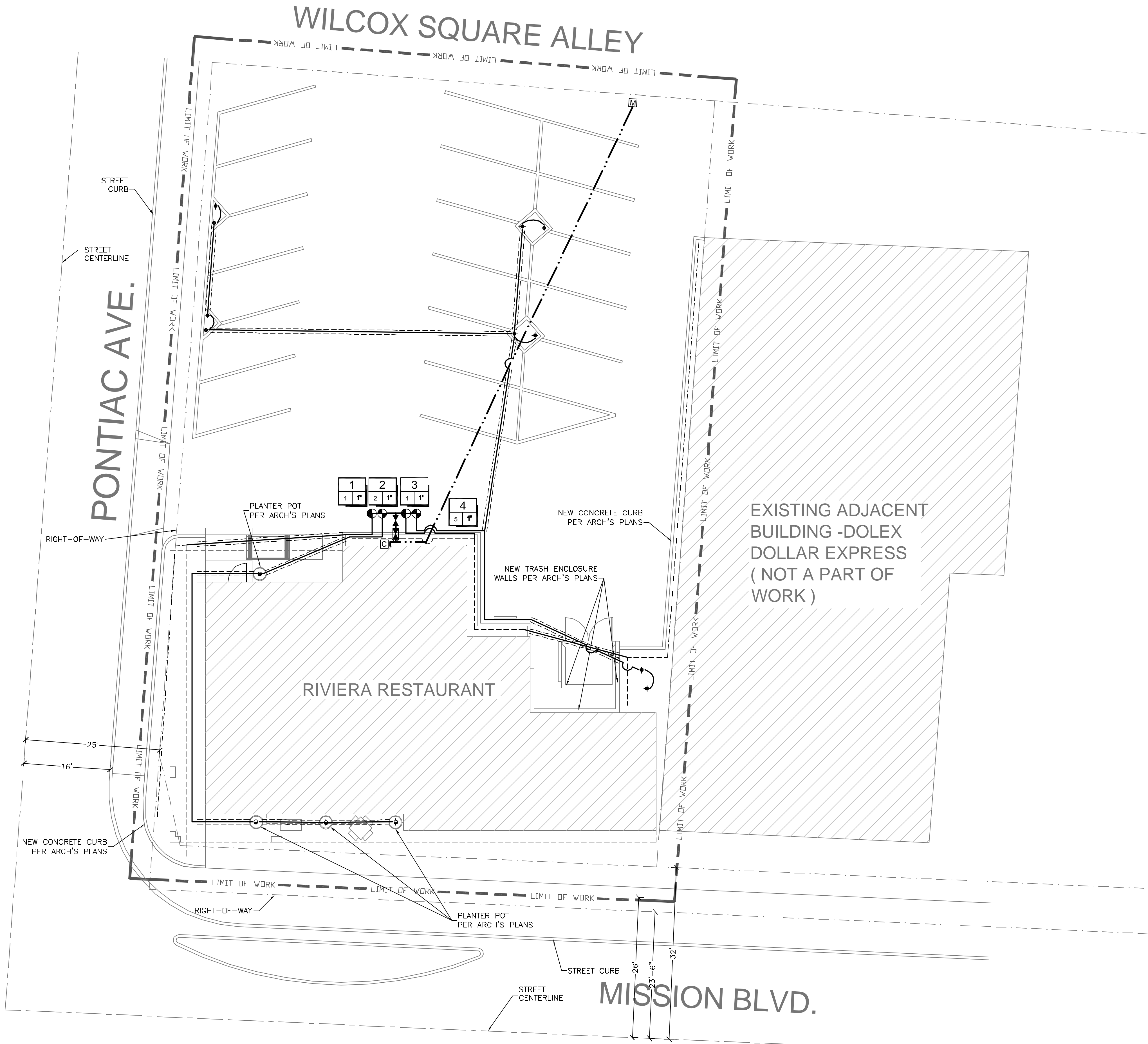
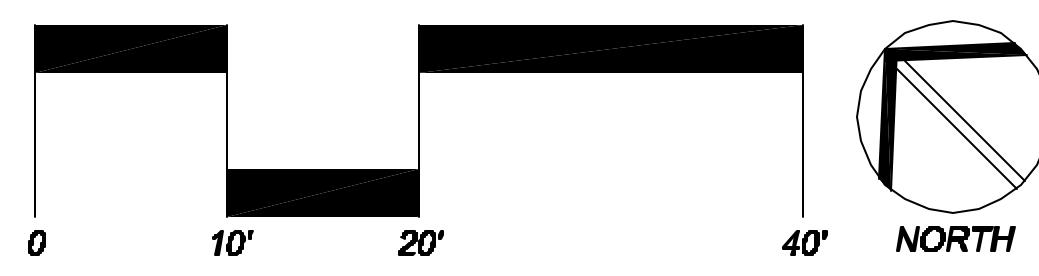
SPRINKLER LEGEND												
SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES	
					Q	T	H	TT	To			F
+	RAINBIRD 1402 SERIES BUBBLER	F		30						0.50	5	'K', U-2
+	RAINBIRD RWS-B-C-1402 BUBBLER	F		30						0.50	5	'L', U-2

IF ONSITE PRESSURE IS OVER 80 PSI, INSTALL A WATTS U5 PRESSURE REGULATOR  
CONTRACTOR TO REPAIR ANY AC PAVEMENT DAMAGED DURING CONSTRUCTION OPERATIONS  
NO CHANGES OR SUBSTITUTIONS TO BE MADE WITHOUT REVISION TO THE PLANS AND  
APPROVAL BY THE COUNTY LANDSCAPE PLANNERS  
SEE SHEET LP-2 FOR IRRIGATION NOTES

SCH 40 PVC SLEEVING CHART		
1 1/4" SLEEVE	1-4 WIRES	1/2" PIPE
1 1/2" SLEEVE	5-10 WIRES	3/4" PIPE
2" SLEEVE	11-20 WIRES	1" PIPE
2 1/2" SLEEVE	21-30 WIRES	1 1/4" PIPE
3" SLEEVE	31-40 WIRES	1 1/2" PIPE
4" SLEEVE	41-60 WIRES	2" PIPE
6" SLEEVE	61-99 WIRES	2 1/2"-3" PIPE
8" SLEEVE	100+ WIRES	4" PIPE
10" SLEEVE	N/A	6" PIPE



Riverside County Ordinance 859 Landscape Water Use Calculations			
Riviera Restaurant			
<b>1 Maximum Annual Water Allowance (MAWA)</b>			
INPUT the total square footage of landscape =	810	S.F.	
INPUT the Hist. ET0 for the area =	56.37		
<b>MAWA =</b>	<b>26</b>	ccf / yr	
<b>2 Estimated Annual Water Use (EAWU)</b>			
<b>Hydrozone # 1</b>	INPUT Plant Factor =	0.3	Planter Pots
INPUT square footage of hydrozone =	20		
INPUT hydrozone irrigation efficiency =	0.8		
<b>EAWU =</b>	<b>0</b>	ccf / yr	
<b>Hydrozone # 2</b>	INPUT Plant Factor =	0.3	Shrubs (drip)
INPUT square footage of hydrozone =	775		
INPUT hydrozone irrigation efficiency =	0.9		
<b>EAWU =</b>	<b>12</b>	ccf / yr	
<b>Hydrozone # 3</b>	INPUT Plant Factor =	0.3	Tree (bubbler)
INPUT square footage of hydrozone =	15		
INPUT hydrozone irrigation efficiency =	0.8		
<b>EAWU =</b>	<b>0</b>	ccf / yr	
<b>SubTotal EAWU =</b>	<b>12</b>	ccf / yr	
Input Irrigation System Operation Factor	0.85		
<b>Total EAWU =</b>	<b>14</b>		
<b>EAWU &lt; MAWA =</b>	<b>12</b>	ccf / yr	



Sep 22, 2011 - 10:35am Andrew Steen  
F:\Riviera Restaurant\CD's\Addendum\Irrigation.dwg

LANDSCAPE ARCHITECTURE

4649 Brockton Ave.  
Riverside, CA 92506  
Phone: (951) 369-0700  
Fax: (951) 369-4039  
www.comworksgd.com

**RIVIERA RESTAURANT IMPROVEMENTS**

RIVERSIDE COUNTY EDA  
1325 SPRUCE ST. SUITE 400  
RIVERSIDE, CA 92507

JOB NUMBER: 081046  
DRAWN BY: KCK  
CHECKED BY: TIM  
DATE: 9/22/11  
REVISIONS:



**IRRIGATION PLAN**

SCALE: 1"=10'-0"

