



EQUIPMENT LEGEND

SYMBOL	MANUFACTURER/MODEL #	SIZE	DETAIL	NOTES
NOT SHOWN	EXISTING WATER METER	3"	N/A	(1)
	EXISTING TORO CUSTOM COMMAND IRRIGATION CONTROLLER WIRE VALVES TO FIRST AVAILABLE STATIONS	12 STA.	DET. 4070	(2)
NOT SHOWN	EXISTING BACKFLOW PREVENTER	N/A	N/A	(1)
	GRISWOLD 2000 REMOTE CONTROL ELECTRIC VALVE	PLAN SIZE	DET. 4030	(2)
	EXISTING IRRIGATION VALVE	N/A	N/A	(1)
---	EXISTING IRRIGATION MAINLINE	2"	N/A	(1)
---	SCH 40 PVC IRRIGATION MAILINE	2"	'C', L-2	
---	CLASS 200 PVC NON-PRESSURE LATERAL LINE - 12" MIN. COVER	PLAN SIZE	'C', L-2	
---	EXISTING IRRIGATION LATERAL	N/A	N/A	(1)
---	SCH 40 PVC IRRIGATION PIPE / WIRE SLEEVE - 18" MIN. COVER	SEE CHART	'D', L-2	
NOT SHOWN	UF RATED CONTROL WIRE, 12 GA COMMON, 14 GA PILOT	12/14 GA	CITY STD	(2)

(1) VERIFY LOCATION OF EXISTING EQUIPMENT IN FIELD
 (2) SEE SPECIFICATIONS FOR CITY DETAILS

O Spear wire IRRIGATION

SPRINKLER LEGEND

SYMBOL	MANUFACTURER/MODEL #	NOZZLE	RAD.	PSI	FLOW (GPM)					DETAIL	NOTES
					Q	112	H	F	T/TT		
TURF POP-UP ROTOR HEADS											
	TORO 3404-00-15	Q	17'	35	0.78	-	-	-	-	'A', L-2	
	TORO 3406-00-15	H	17'	35	-	-	1.55	-	-	'A', L-2	
	TORO S700C-PC-30-SA	Q	40'	35	2.86	-	-	-	-	'A', L-2	
	TORO S700C-PC-45-SA	T	41'	35	-	-	-	-	3.43	'A', L-2	
	TORO S700C-PC-60-SA	H	44'	35	-	-	-	5.08	-	'A', L-2	
	TORO S700C-PC-75-SA	TT	44'	35	-	-	-	-	6.45	'A', L-2	
	TORO S700C-FC-90-SA	F	47'	35	-	-	-	-	6.87	'A', L-2	
TURF POP-UP SPRAY HEADS											
	TORO 570Z-PRX-4P-COM-15	Q/H	13'-15'	30	0.85	-	1.65	-	-	'A', L-2	
EXISTING TURF ROTOR HEADS											
	TURBO-JET SPRINKLER - VERIFY IN FIELD		64'	N/A	-	-	-	-	-	N/A	

PIPE SIZING CHART

---	3/4" PIPE
---	1" PIPE
---	1 1/4" PIPE
---	1 1/2" PIPE
---	2" PIPE
---	2 1/2" PIPE
---	3" PIPE
---	4" PIPE
---	6" PIPE
---	8" PIPE

SCH 40 PVC SLEEVING CHART

1 1/4" SLEEVE	1-4 WIRES	1 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

CLASS 200 PIPE SIZING CHART

1-9 GPM	3/4" PIPE
10-15 GPM	1" PIPE
16-25 GPM	1 1/4" PIPE
26-35 GPM	1 1/2" PIPE
36-50 GPM	2" PIPE
51-75 GPM	2 1/2" PIPE
76-120 GPM	3" PIPE
121-190 GPM	4" PIPE

P.O.C. INFORMATION

METER SIZE	3"
WATER TYPE	POTABLE
STATIC PRESSURE	85 PSI
PEAK DEMAND	40 GPM
SOURCE AT CRWD	CARLOS
DATE INFO OBTAINED	12/6/00

STATION # / CONTROLLER

FLOW (GPM)	VALVE SIZE
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NOTE: CONTRACTOR TO ADJUST EXISTING IRRIGATION HEADS TO PROVIDE HEAD TO HEAD COVERAGE.

OCT 11 2001

BID SET

DIGALERT
 DIAL TOLL FREE
 1-800-227-2600
 AT LEAST TWO DAYS BEFORE YOU DIG
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

COMWORKS
 4649 Brockton Avenue
 Riverside, CA 92506
 (909) 369-0700
 Fax: (909) 369-4039
 e-mail: comworks@pe.net
 http://www.pe.net/comworks

REGISTERED LANDSCAPE ARCHITECT
 10-18-01
 STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF
TIMOTHY I. MALONEY
 REGISTERED LANDSCAPE ARCHITECT, RLA 2110
 EXPIRATION DATE 11/30/01
 SCALE: 1"=20'-0" NORTH:
 DATE: 10/09/01

CITY OF RIVERSIDE
 3900 MAIN STREET
 RIVERSIDE, CA 92522
 BENCHMARK: CITY OF RIVERSIDE BENCH MARK F4-3
 P.C. NAIL AND CITY ENGINEER TAG IN MOST NORTHERLY CATCH
 BASIN WING OF THE EASTERLY CORNER OF JACKSON
 AND GARFIELD. ELEVATION 758.121

MARK REVISIONS APPR. DATE
 DESIGNED BY KCK DRAWN BY KCK CHECKED BY TY/TM

CITY OF RIVERSIDE, CALIFORNIA
 PARK & RECREATION DEPARTMENT
 APPROVED BY:
 BY:
 DATE: 10/10/01
 PARK DEPARTMENT

HUNT PARK
 PLAYGROUND IMPROVEMENTS
 RIVERSIDE, CA
 AS BUILT IRRIGATION PLAN

PROJECT NO. 000626
L-1
 SHEET 8 OF 17
 FILE NO.

AS BUILT IRRIGATION

