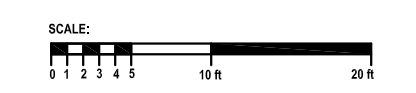


Recommendations	
Maximum Recommended Flow	12 gpm
Available Working Pressure	70 psi

ZONE	MANUFACTURER	SPR. HEAD CAT. NO.	SPR. HEAD CAP. G.P.M.	NO. OF HEADS	T.G.P.M.
1	HUNTER	DRIP HDL-PC 12" SPACING	0.015	450	6.75
		PROS-04#MP2000 F	1.48	1	
		PROS-04#MP2000 H	0.77	7	
		PROS-04#MP2000 Q	0.43	3	
2	HUNTER	PROS-04#MP1000 F	0.84	1	11.88
		PROS-04#MP1000 H	0.42	6	
		PROS-04#MP1000 Q	0.21	1	
		PROS-04#MP2000 F	1.48	1	
3	HUNTER	PROS-04#MP2000 H	0.77	6	10.1
		PROS-04#MP2000 Q	0.43	1	
		PROS-04#MP1000 F	0.84	1	
		PROS-04#MP1000 H	0.42	6	
4	HUNTER	DRIP HDL-PC 12" SPACING	0.015	350	5.25
		PROS-04#MP1000 Q	0.21	1	

PRESSURE CALCULATIONS			
ZONE 2			
SIZE	CALCULATIONS	PRESSURE LOSS	
COPPER SERVICE		0.1	
WATER METER	1"	0.9	
FRIC BACKFLOW	1"	11	
MANLINE	1"	0.75 x 5.28	3.9
VALVE	1"	5	
LATERAL LINES	3/4"	1.8 x 5.02	8
TOTAL LOSS		28.9	
RECOMMENDED PRESSURE		40	
DESIGN PRESSURE		70.0	
ACTUAL HEAD PRESSURE		41.1	



**Legend**

- 1" CLASS 200 PVC MAINLINE PIPE
- 3/4" CLASS 200 PVC MAINLINE PIPE - SPRINKLER ZONES
- 3/4" CLASS 200 PVC MAINLINE PIPE - DRIP ZONE
- IRRIGATION CABLES - 5 WIRES
- DRIP RINGS IRRIGATION
- PROS-04#MP 2000
- PROS-04#MP 1000
- PGV VALVE 1"
- WS WATER SOURCE Flow=12GPM Pressure =70PSI
- C HUNTER PRO HC

General Notes

# SAN JUAN CAPISTRANO SKATE PARK

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Irrigation design

Project	PROJECTNAME	Sheet
Date	10/8/2021	01
Scale	1" = 1" - 0"	