

- ### IRRIGATION LEGEND
- PRODUCT DESCRIPTION**
- HUNTER I-20-04-SS-XXI-20-06-SS-XX NOZZLE AS SHOWN
 - NOZZLE PERFORMANCE:
#4.0 @ 3.0 Bars - 14.8 l/min 11.9m RADIUS
#10.0 @ 3.0 Bars - 33.5 l/min 12.8m RADIUS
 - ⊕ HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊕ HUNTER HC-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊕ HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - ⊕ WATER WEIHER MINIMUM SIZE @ 201 l/min IS 50mm
 - ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - MAINLINE PIPE
 - - - LATERAL PIPE
 - ≡≡≡ SLEEVING
 - ⊗ ISOLATION VALVE LINE SIZED

- ### IRRIGATION NOTES
1. SPRINKLER LOCATIONS ARE TO SCALE
 2. PIPE LOCATIONS ARE DIAGRAMMATIC
 3. ALL SPRINKLERS TO BE INSTALLED ON 25mm SCH 80 SWING JOINTS
 4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS
 5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
 6. LATERAL DEPTH TO BE NO LESS THAN 410mm
 7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
 8. LOCATE VALVES/QCV'S OUT OF HIGH TRAFFIC AREAS
 9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
 10. QCV TO BE LOCATED IN 10" VALVE BOX
 11. ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
 12. INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
 13. REFER TO HUNTER INSTALLATION DETAILS
 14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
 15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
 16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

WATER REQUIREMENT

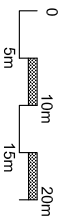
WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
-BACKFLOW/
IS 201 l/min @ 4.45 Bars

VALVE ID GUIDE

A1	2/3	1.5"
STATION NUMBER		
VALVE SIZE		
PRECIPITATION RATE mm/hr		
Standard		

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR m ² /hr	DU %	SC (% AMOUNT)
A1	1.5"	12.1	19.9	.72	1.4
A2	1.5"	7.8	130.1	.72	1.4
A3	1.5"	12.1	201	.72	1.4
A4	1.5"	7.8	130.1	.72	1.4
A5	1.5"	12.1	201	.72	1.4
A6	1.5"	12.1	201	.72	1.4
A7	1.5"	12.1	201	.72	1.4
A8	1.5"	12.1	201	.72	1.4



Hunter Industries offers this data as a general guide for estimating purposes and offers no indemnity, warranty or liability for errors or omissions from this data. Because of the many variables of every system and every site we recommend that a qualified irrigation designer be consulted.



SOCCER FIELD 60 x 90M

I-20 FIVE ROW DESIGN

Hunter Industries
1940 Diamond Street
San Marcos, California 92078
SpecPro Technical Assistance
1-800-319-4796
www.HunterIndustries.com

SHEET

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