

- IRRIGATION LEGEND**
- PRODUCT DESCRIPTION**
- HUNTER H20-SS-XX, FULL CIRCLE, NOZZLE AS SHOWN
  - HUNTER H20-SS-XX, PART CIRCLE, NOZZLE AS SHOWN
  - NOZZLE PERFORMANCE: #3.5 @ 3.0 Bars - 12 l/min 1.3m RADIUS #8 @ 3.0 Bars - 24.0 l/min 1.3m RADIUS
  - ⊕ HUNTER ICV/BEV, ELECTRIC CONTROL, VALVE SIZE AS SHOWN
  - ⊕ HUNTER HQ44-XX-AW, QUICK COUPLER VALVE (OPTIONAL)
  - ⊕ HUNTER IC-1200-M, SOLID STATE METAL CABINET CONTROLLER
  - ⊕ HUNTER SOLAR-SYNC-SEN, ON SITE WEATHER SENSOR
  - ⊕ WATER METER, MINIMUM SIZE @ 192 LPM 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 MANUFACTURERS RECOMMENDATIONS
  5. MAINLINE DEPTH TO BE NO LESS THAN 450mm
  6. LATERAL DEPTH TO BE NO LESS THAN 410mm
  7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
  8. LOCATE VALVES/COVS OUT OF HIGH TRAFFIC AREAS
  9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
  10. OCV TO BE LOCATED IN 70" 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 SPECIFICATIONS
  14. REFER TO HUNTER CATALOG FOR PERFORMANCE
  15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
  16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

**VALVE ID GUIDE**

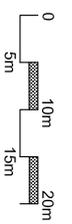
AT	STATION NUMBER
273	
1.5"	VALVE SIZE
Number	PRECIPITATION RATE mm/hr

**WATER REQUIREMENT**

WATER REQUIREMENT AT FIELD ELEVATION - WITHIN 30m OF FIELD - DOWNSTREAM OF BACKFLOW IS 192 l/min @ 4.6 Bars

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW (l/min)	PR (mm/hr)	DU	SC (100mm/20m)	
A1	1.5"	110	192	.82	1.2	
A2	1.5"	864	144	18.9	.82	1.2
A3	1.5"	110	192	18.9	.82	1.2
A4	1.5"	864	144	18.9	.82	1.2
A5	1.5"	110	192	9.5	.82	1.2
A6	1.5"	110	192	9.5	.82	1.2
A7	1.5"	864	144	9.5	.82	1.2
A8	1.5"	864	144	9.5	.82	1.2
A9	1.5"	864	144	9.5	.82	1.2
A10	1.5"	864	144	9.5	.82	1.2



Hunter Industries offers this plan as a general guide for estimating purposes and offers no warranty, expressed or implied, for projects installed from this plan. Details of the many variations of every system and of every site we recommend that a qualified irrigation designer or contractor.



SOCCER FIELD 75 x 110M  
I-20 SEVEN ROW DESIGN

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

SHEET  
1 OF 1