

**WATER REQUIREMENT**  
 WATER REQUIREMENT AT  
 -FIELD ELEVATION  
 -WITHIN 30m OF FIELD  
 -DOWNSTREAM OF  
 BACKFLOW  
 IS 246 l/min @ 6.21 Bars

**VALVE ID GUIDE**

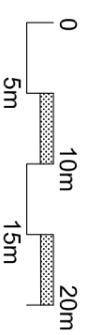
A1	STATION NUMBER
273	l/min
1.5"	VALVE SIZE
19mm/hr	PRECIPITATION RATE mm/hr

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW m <sup>3</sup> /hr	l/min	PR mm/hr	DU	SC <sub>VALVE</sub>
A1	1.5"	14.8	246	20.8	.81	1.2
A2	1.5"	7.4	123	43.6	.81	1.2
A3	1.5"	7.4	123	20.8	.81	1.2
A4	1.5"	14.8	246	20.8	.81	1.2
A5	1.5"	7.4	123	20.8	.81	1.2
A6	1.5"	7.4	123	43.6	.81	1.2
A7	1.5"	7.4	123	10.3	.81	1.2
A8	1.5"	14.8	246	10.3	.81	1.2
A9	1.5"	7.4	123	10.3	.81	1.2

- IRRIGATION NOTES**
1. SPRINKLER LOCATIONS ARE TO SCALE
  2. PIPE LOCATIONS ARE DIAGRAMMATIC
  3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
  4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS 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 SPICE 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

- IRRIGATION LEGEND**
- PRODUCT DESCRIPTION**
- HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX, NOZZLE AS SHOWN
  - HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX, NOZZLE AS SHOWN
  - NOZZLE PERFORMANCE:  
#15 @ 5.5 Bars - 61.5 l/min 17.7m RADIUS
  - HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - HUNTER HQ-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 METER MINIMUM SIZE @ 246 l/min IS 50mm
  - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
  - MAINLINE PIPE
  - LATERAL PIPE
  - SLEEVING
  - ⊗ ISOLATION VALVE LINE SIZED



SOCCKER FIELD 60x90M  
 I-25 FOUR ROW DESIGN  
 LOOPED MAINLINE



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SHEET  
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Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, expressed or implied, for projects installed from this plan. Because of the many variables of every system and of every site we recommend that a qualified irrigation designer be consulted.