



**WATER REQUIREMENT**

WATER REQUIREMENT AT  
 -FIELD ELEVATION  
 -WIDTH 30m OF FIELD  
 -DOWNSTREAM OF  
 BACKFLOW  
 IS 371 l/min @ 6.09 Bars

**IRRIGATION LEGEND**

- PRODUCT DESCRIPTION**
- HUNTER I-40-04-SS-ON-B-XX(I)-40-06-SS-ON-B-XX NOZZLE AS SHOWN
  - HUNTER I-40-04-SS-B-XX(I)-40-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #20 @ 3.5 Bars - 84.7 l/min 20.1m RADIUS
  - #23 @ 5.5 Bars - 92.7 l/min 19.8m RADIUS
- ⊕ HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - ⊕ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
  - ⊕ HUNTER IC-1800-M SOLID STATE METAL CABINET CONTROLLER
  - ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
  - ⊕ WATER METER MINIMUM SIZE @ 371 l/min IS 63mm
  - ⊕ 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 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/OCCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE CONNECTIONS TO BE WATERPROOF
10. OCCV 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

**VALVE ID GUIDE**

A1	STATION NUMBER
273	1.5"
19	PRECIPITATION RATE mm/hr

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW m <sup>3</sup> /hr	PR mm/hr	DU	SC <sub>(10% WINDOW)</sub>
A1	2"	22.2	371	30.7	.81
A2	2"	22.2	371	30.7	.81
A3	2"	22.2	371	30.7	.81
A4	2"	16.5	276	30.7	.81
A5	2"	16.5	276	30.7	.81
A6	2"	22.2	371	30.7	.81
A7	2"	15.2	254	13.0	.84
A8	2"	20.3	339	13.0	.84
A9	2"	15.2	254	13.0	.84
A10	2"	15.2	254	13.0	.84
A11	2"	20.3	339	13.0	.84
A12	2"	15.2	254	13.0	.84
A13	2"	15.2	254	13.0	.84
A14	2"	20.3	339	13.0	.84
A15	2"	15.2	254	13.0	.84

Hunter Industries offers this data as a general guide for estimating purposes and offers no warranty, expressed or implied, for excess headloss from this data. Excessive headloss may indicate a design error. Excessive headloss may indicate a design error. Excessive headloss may indicate a design error.



CRICKET FIELD  
 I-40 EIGHT ROW DESIGN

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