

**IRRIGATION LEGEND**

**PRODUCT DESCRIPTION**

- HUNTER I40-04-SS-ON-B-XXII-40-06-SS-B-XX NOZZLE AS SHOWN
- HUNTER I40-04-SS-B-XXII-40-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE: #15 @ 5.5 Bars - 68.9 l/min 18.0m RADIUS
- HUNTER ICVBY ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ44-XXAV QUICK COUPLER VALVE (OPTIONAL)
- HUNTER IC-1200-4M SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SYNG-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 275 l/min IS 50mm
- BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MANLINE PIPE
- LATERAL PIPE
- SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- ⊗ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

- 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. MANLINE DEPTH TO BE NO LESS THAN 480mm
  6. LATERAL DEPTH TO BE NO LESS THAN 410mm
  7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
  8. LOCATE VALVES/ICV'S OUT OF HIGH TRAFFIC AREAS
  9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
  10. OCV 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**

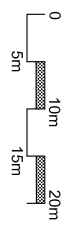
WATER REQUIREMENT AT FIELD ELEVATION WITHIN 30m OF FIELD DOWNSTREAM OF BACKFLOW IS 275 l/min @ 6.11 Bars

**VALVE ID GUIDE**

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

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW	PR	DU	SC
		m <sup>3</sup> /hr	mm/hr	mm	(mm/100mm)
A1	1.5"	16.5	175	22.3	.83
A2	1.5"	8.3	138	26.9	.83
A3	1.5"	8.3	138	26.9	.83
A4	1.5"	16.5	175	22.3	.83
A5	1.5"	8.3	138	26.9	.83
A6	1.5"	8.3	138	26.9	.83
A7	1.5"	10.1	169	14.1	.86
A8	1.5"	10.1	169	14.1	.86
A9	1.5"	10.1	169	14.1	.86
A10	1.5"	10.1	169	14.1	.86



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.

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**SOCCER FIELD 60 x 90M**

**I-40 FOUR ROW DESIGN**

**LOOPED MAINLINE**

**SHEET**

**1 OF 1**