

- 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: #43 @ 5.5 Bars - 66.1 l/min 18.6m RADIUS
 - HUNTER ICV/BV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW 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 @ 264 l/min IS 50mm
 - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - LATERAL PIPE
 - MANLINE 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 SPULCE 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

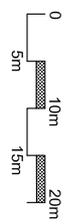
WATER REQUIREMENT AT FIELD ELEVATION - WITHIN 30m OF FIELD - DOWNSTREAM OF BACKFLOW IS 264 l/min @ 6.11 Bars

VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC
		m ³ /hr	mm/min	mm/min	(mm/min)
A1	1.5"	15.8	264	22.3	.83
A2	1.5"	132	264	22.3	.83
A3	1.5"	132	264	22.3	.83
A4	1.5"	7.9	132	22.3	.83
A5	1.5"	15.8	264	22.3	.83
A6	1.5"	7.9	132	22.3	.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.

SHEET

1 OF 1

Hunter

SOCCER FIELD 60 x 90M

I-40 FOUR ROW DESIGN

LOOPED MAINLINE

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