

WATER REQUIREMENT

WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 30m OF FIELD
 -DOWNSTREAM OF BACKFLOW
 IS 144 l/min @ 4.27 Bars

VALVE ID GUIDE

A1	STATION NUMBER	273
1.5"	VALVE SIZE	1"
17.9	PRECIPITATION RATE	mm/hr

IRRIGATION LEGEND

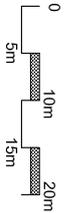
- PRODUCT DESCRIPTION
- HUNTER I-20-36S-XXL-20-6P-36S-XX NOZZLE AS SHOWN
- HUNTER I-20-ADS-XXL-20-6P-ADS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE: #8 @ 3 Bars - 24 l/min 13.1m RADIUS
- HUNTER CV/IBY ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOL-AR-SVNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 144 l/min IS 50mm
- BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE 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 25mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 400mm
6. LATERAL DEPTH TO BE 2X PIPE RUN THROUGH THEM
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/OCV'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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC	
		m ³ /hr	l/min	mm/hr	(% MAXIMUM)	
A1	1.5"	8.6	144	80	1.2	
A2	1.5"	5.8	96	17.9	80	1.2
A3	1.5"	2.9	48	41	80	1.2
A4	1.5"	2.9	48	41	80	1.2
A5	1.5"	5.8	96	17.9	80	1.2
A6	1.5"	2.9	48	41	80	1.2
A7	1.5"	2.9	48	41	80	1.2
A8	1.5"	5.8	96	9.3	80	1.2
A9	1.5"	5.8	96	9.3	80	1.2
A10	1.5"	8.6	144	9.3	80	1.2
A11	1.5"	8.6	144	9.3	80	1.2



Hunter Industries offers this plan as a general guide for engineering purposes and offers no liability, 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.



SOCCER FIELD 60x90M
 I-20 SIX ROW DESIGN
 LOOPED MAINLINE

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