

WATER REQUIREMENT

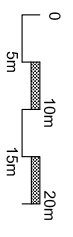
WATER REQUIREMENT
 AT
 -FIELD ELEVATION
 -WITHIN 30m OF FIELD
 -DOWNSTREAM OF
 BACKFLOW
 IS 434 l/min @ 6.59 Bars

VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC
		mm/hr	mm/hr	mm/hr	(% MAXIMUM)
A1	2"	28	29.3	.77	1.3
A2	2"	434	29.3	.77	1.3
A3	1.5"	13	217	.77	1.3
A4	2"	28	29.3	.77	1.3
A5	1.5"	13	217	.77	1.3
A6	1.5"	13	217	.77	1.3
A7	1.5"	13	217	.77	1.3
A8	2"	28	29.3	.77	1.3
A9	1.5"	13	217	.77	1.3



IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-25-04-SS-B-XXI-25-06-SS-B-XX NOZZLE AS SHOWN
 - HUNTER I-25-04-SS-B-XXI-25-06-SS-B-XX NOZZLE AS SHOWN
 - NOZZLE PERFORMANCE:
 - #28 @ 5.5 Bars - 108.6 l/min 21.3m RADIUS
 - HUNTER IC/IV/EV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HC-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-S/T/C-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 192 l/min IS 50mm
 - 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 DIAGRAMATIC
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 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/OCVS 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 DETAIL SPECIFICATIONS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
15. ADD HUNTER "IFS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

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. Selection of the many varieties of every system and of every size we recommend has a standard in general. This project is not a standard.



LACROSSE FIELD
 I-25 FOUR ROW DESIGN

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SHEET
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