



WATER REQUIREMENT

WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 30m OF FIELD
 -DOWNSTREAM OF
 BACKFLOW IS 385 l/min @
 6.49 Bars

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:**
 #23 @ 5.5 Bars - 96.3 l/min 20.1m RADIUS
- ⊕ HUNTER IC/IVBY ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊕ HUNTER HQ44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊕ HUNTER IC-1800M SOLID STATE METRIC CABINET CONTROLLER
 - ⊕ HUNTER SC-180-SYN-SS-10N SHEET METAL WEAVER SENSOR
 - ⊕ WATER METER MINIMUM SIZE @ 385 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 480mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/IC/V'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE CONNECTIONS TO BE WATERPROOF
10. OC/V 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

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW mm/hr	PR mm/hr	DU	SCV (% WINDOWN)
A1	2"	23.1	29.2	.80	1.2
A2	2"	23.1	385	29.2	1.2
A3	2"	23.1	385	29.2	1.2
A4	2"	23.1	385	29.2	1.2
A5	2"	23.1	385	29.2	1.2
A6	2"	23.1	385	29.2	1.2
A7	2"	23.1	385	29.2	1.2
A8	2"	23.1	385	14.8	1.2
A9	2"	23.1	385	14.8	1.2
A10	2"	23.1	385	14.8	1.2
A11	2"	23.1	385	14.8	1.2
A12	2"	23.1	385	14.8	1.2
A13	2"	17.3	289	14.8	1.2
A14	2"	17.3	289	14.8	1.2
A15	2"	17.3	289	14.8	1.2
A16	2"	17.3	289	14.8	1.2

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 are recommended and a qualified irrigation designer is preferred.

SHEET
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AUSTRALIAN FOOTBALL FIELD

I-25 SEVEN ROW DESIGN

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