



**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-35-06-SS-B-XX, NOZZLE AS SHOWN
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- NOZZLE PERFORMANCE:**
- #24 @ 3.5 Bars = 96.3 l/min 20.1m RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN**
- ▲ HUNTER HO-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)**
- ▴ HUNTER IC-1800-A SOLID STATE METAL CABINET CONTROLLER**
- ▢ WATER METER MINIMUM SIZE @ 385 l/min IS 63mm**
- ▭ 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 460mm
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. QCV 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 "AS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

**VALVE ID GUIDE**

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

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW m <sup>3</sup> /hr	PR mm/hr	DU	SC (c/wk WINDOW)
A1	2"	23.1	28.2	.80	1.2
A2	2"	23.1	28.2	.80	1.2
A3	2"	23.1	28.2	.80	1.2
A4	2"	23.1	28.2	.80	1.2
A5	2"	23.1	28.2	.80	1.2
A6	2"	23.1	28.2	.80	1.2
A7	2"	23.1	28.2	.80	1.2
A8	2"	23.1	28.2	.80	1.2
A9	2"	23.1	28.2	.80	1.2
A10	2"	23.1	28.2	.80	1.2
A11	2"	23.1	28.2	.80	1.2
A12	2"	23.1	28.2	.80	1.2
A13	2"	23.1	28.2	.80	1.2
A14	2"	23.1	28.2	.80	1.2
A15	2"	23.1	28.2	.80	1.2
A16	2"	23.1	28.2	.80	1.2

Hunter Industries offers this plan as a general guide. Field conditions, site specific and other factors may require modification. Hunter Industries is not responsible for any errors or omissions. The user is responsible for the accuracy of the information provided. Hunter Industries is not responsible for any damage or injury resulting from the use of 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

AUSTRALIAN FOOTBALL FIELD

I-35 EIGHT ROW DESIGN

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