



**WATER REQUIREMENT AT**

WATER REQUIREMENT AT  
 -FIELD ELEVATION  
 -WITHIN 30m OF FIELD  
 -DOWNSTREAM OF  
 BACKFLOW IS 304 l/min @  
 3.86 Bars

**IRRIGATION LEGEND**

- PRODUCT DESCRIPTION
- HUNTER I20-36S/120-6P-36S, FULL CIRCLE, NOZZLE AS SHOWN
- HUNTER I20-ADS/120-6P-ADS, PART CIRCLE, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
- #5 @ 3.0 l/min 12.8m RADIUS
- ⊕ HUNTER IGV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊖ HUNTER HQ-44-X-AW QUICK COUPLER VALVE (OPTIONAL)
- ⊖ HUNTER ACC-1200-M SOLID STATE METAL CABINET CONTROLLER
- ⊖ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- ⊖ WATER METER MINIMUM SIZE @ 362 l/min IS 63mm
- ⊖ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- ⊖ MAINLINE PIPE
- ⊖ LATERAL PIPE
- ⊖ SLEEVEING
- ⊖ 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 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
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

**VALVE ID GUIDE**

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

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW	PR	DU	SC (VIB. WINDOW)
		mm/h	mm/h	mm/h	
A1	1.5"	6.84	114	80	12
A2	1.5"	6.84	114	80	12
A3	2"	16.0	266	158	12
A4	2"	16.0	266	158	12
A5	2"	18.2	304	7.9	80
A6	2"	17.1	285	7.9	80
A7	1.5"	13.7	228	80	12
A8	2"	18.2	304	7.9	80
A9	1.5"	13.7	228	80	12
A10	2"	17.1	285	7.9	80
A11	2"	18.2	304	7.9	80

Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, warranty or liability for any errors or omissions. Hunter Industries or its representatives or any of its employees and of every site we recommend that a qualified irrigation designer be consulted.



**AUSTRALIAN FOOTBALL FIELD**  
**I-20 THIRTEEN ROW DESIGN**  
**LOOPED MAINLINE**

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**SHEET**  
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