

**WATER REQUIREMENT**

WATER REQUIREMENT AT FIELD ELEVATION - WITHIN 30m OF FIELD - DOWNSTREAM OF BACKFLOW IS 354 l/min @ 5.14 Bars

**IRRIGATION LEGEND**

- PRODUCT DESCRIPTION
- HUNTER I40-04-SS-ON-B-XXII-40-06-SS-ON-B-XX NOZZLE AS SHOWN
- HUNTER I40-04-SS-B-XXII-40-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
  - #44 @ 5.5 Bars - 84.7 l/min @ 20.1m RADIUS
  - #20 @ 5.5 Bars - 88.5 l/min @ 20.1m RADIUS
- HUNTER IC/VIBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER IC-1800-M SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 354 l/min IS 63mm
- BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
- LATERAL PIPE
- SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED

**IRRIGATION NOTES**

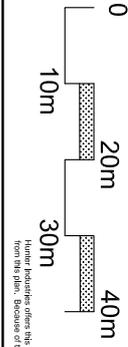
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/COVS OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. COV 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 "PS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

**VALVE ID GUIDE**

A1	STATION NUMBER	ZONE	DU	SC (10% WINDOW)
273	1.5"	VALVE SIZE		
19		PRECIPITATION RATE mm/hr		

**SYSTEM PERFORMANCE DATA**

A1	STATION NUMBER	ZONE	DU	SC (10% WINDOW)
A1	273	1.5"		
A2	354	2"		
A3	354	2"		
A4	354	2"		
A5	354	2"		
A6	354	2"		
A7	354	2"		
A8	354	2"		
A9	354	2"		
A10	354	2"		
A11	354	2"		
A12	354	2"		
A13	354	2"		
A14	354	2"		
A15	354	2"		
A16	354	2"		



Hunter Industries offers this data as a general guide for estimating purposes and does not warrant, represent or certify, for projects installed from this plan. Because of the many variables of every system used of every site we recommend that a qualified irrigation designer be consulted.

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**SHEET**

**AUSTRALIAN FOOTBALL FIELD**

**I-40 EIGHT ROW DESIGN**

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