



WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30M OF FIELD
-DOWNSTREAM OF
-BACKFLOW
IS 369 l/min @ 6.01 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-35-06-SS-B-XX NOZZLE AS SHOWN
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- NOZZLE PERFORMANCE:**
- #15 @ 5.5 Bars - 61.5 l/min 17.7m RADIUS
 - HUNTER ICBIVB ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HO-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER ACC-1800MM SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-5 SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 369 l/min IS 63mm
 - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - MANLINE PIPE
 - LATERAL PIPE
 - SLEEVING
 - ⊗ 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 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/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 "FS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR mm/hr	DU	SC (% WINDOW)
A1	2"	14.8	246	22.9	.82
A2	2"	14.8	246	22.9	.82
A3	2"	18.5	308	22.9	.82
A4	2"	18.5	308	22.9	.82
A5	2"	14.8	246	22.9	.82
A6	2"	14.8	246	22.9	.82
A7	2"	22.1	369	10.8	.82
A8	2"	14.8	246	10.8	.82
A9	2"	14.8	246	10.8	.82
A10	2"	18.5	308	10.8	.82
A11	2"	14.8	246	10.8	.82
A12	2"	18.5	308	10.8	.82
A13	1.5"	11.1	185	10.8	.82
A14	2"	22.1	369	10.8	.82
A15	1.5"	11.1	185	10.8	.82

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, because of the many variables of every system and of every site we recommend that a qualified irrigation designer be consulted.



AUSTRALIAN FOOTBALL FIELD
I-35 EIGHT ROW DESIGN
LOOPED MAINLINE

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