

WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSIDE OF
-BACKFLOW IS 362 l/min @
4.04 Bars

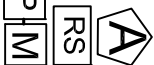
IRRIGATION LEGEND

- PRODUCT DESCRIPTION
- HUNTER I20-36S/I20-6P-36S, FULL CIRCLE NOZZLE AS SHOWN
 - HUNTER I20-40S/I20-6P-40S, PART CIRCLE NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
#8 @ 3.0 Bars - 30.2 l/min 13.4m RADIUS
- HUNTER ICV/BV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-4W QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER IC-1200 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
 - SLEEVING
 - ISOLATION VALVE LINE SIZED

IRRIGATION NOTES

- SPRINKLER LOCATIONS ARE TO SCALE
- PIPE LOCATIONS ARE DIAGRAMATIC
- ALL SPRINKLERS TO BE INSTALLED ON 25mm SCH 80 SWING JOINTS
- ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
- MAINLINE DEPTH TO BE NO LESS THAN 460mm
- LATERAL DEPTH TO BE NO LESS THAN 410mm
- ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
- LOCATE VALVES/ICV'S OUT OF HIGH TRAFFIC AREAS
- WIRE SPICE CONNECTIONS TO BE WATERPROOF
- ICV TO BE LOCATED IN 10" VALVE BOX
- ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
- INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
- REFER TO HUNTER INSTALLATION DETAILS
- REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
- ADD HUNTER "FS" FOR DIRTY WATER VALVE
- ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

A3
362
2"
21

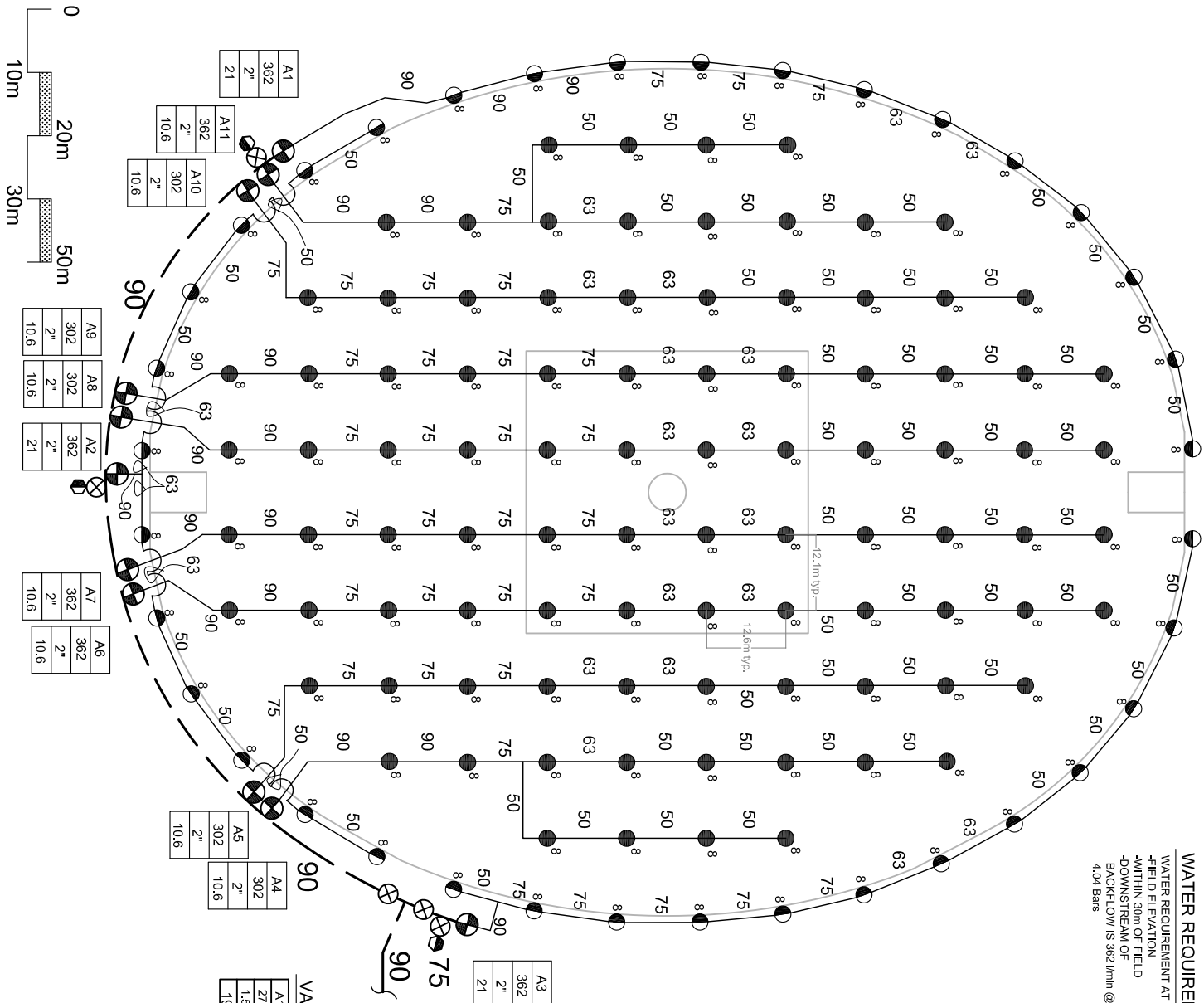


VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR l/min	DU mm/hr	SCI (%) WINDOWN
A1	2"	21.7	362	21.0	.77
A2	2"	21.7	362	21.0	.77
A3	2"	21.7	362	21.0	.77
A4	2"	21.7	362	21.0	.77
A5	2"	21.7	362	21.0	.77
A6	2"	21.7	362	21.0	.77
A7	2"	21.7	362	21.0	.77
A8	2"	21.7	362	21.0	.77
A9	2"	21.7	362	21.0	.77
A10	2"	21.7	362	21.0	.77
A11	2"	21.7	362	21.0	.77



Hunter®

AUSTRALIAN FOOTBALL FIELD

I-20 TWELVE ROW DESIGN

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