

WATER REQUIREMENT

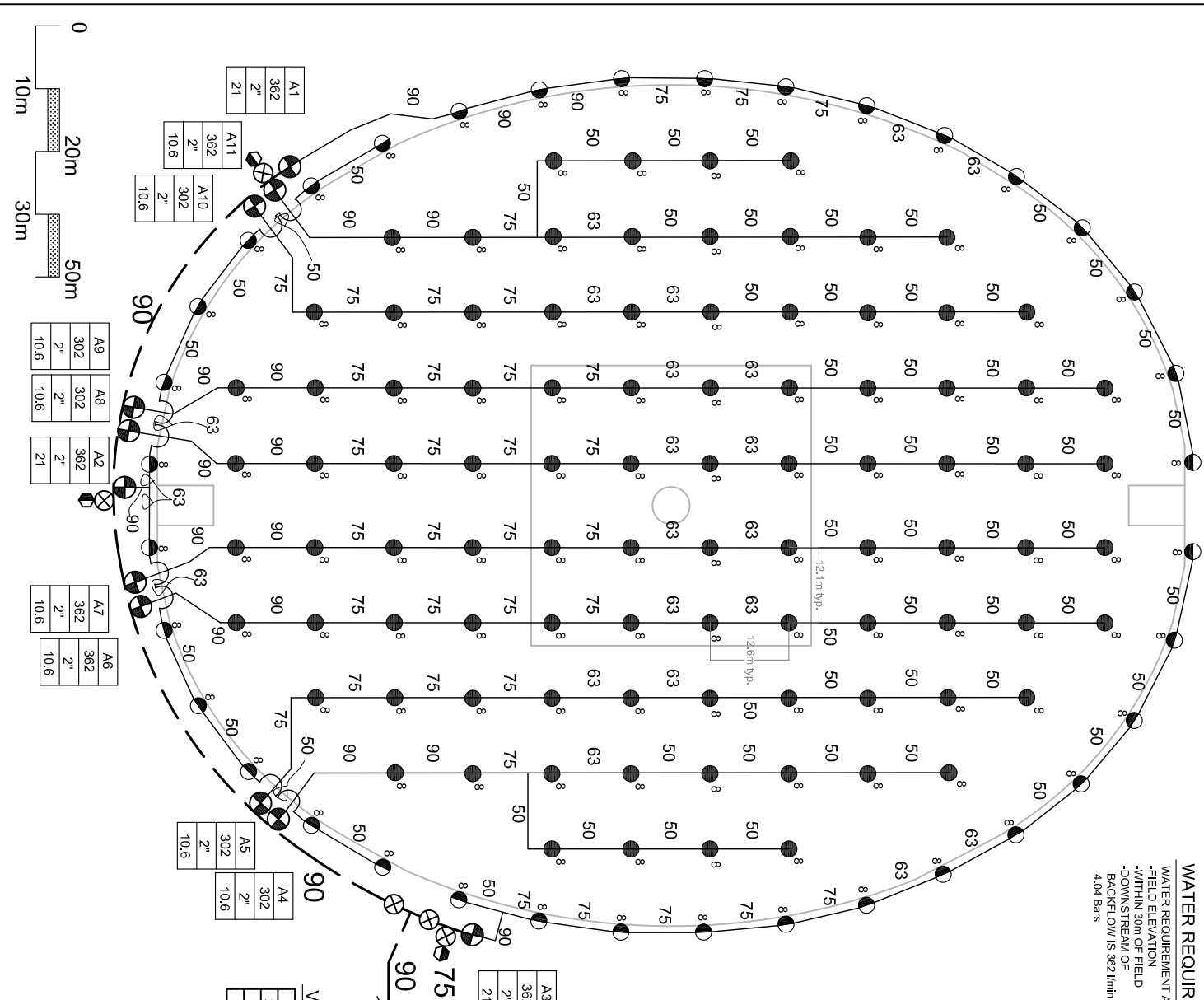
WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW IS 362 l/min @
4.04 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
HUNTER I-20-04-SS/I20-06-SS, FULL CIRCLE, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
#8.0 @ 3.0 Bars - 30.2 l/min 13.4m RADIUS
- ⊙ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊙ HUNTER HO-44-XX-AM 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
- MAIN LINE 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 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

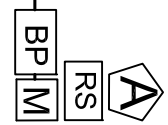


VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC (%)	
		m ³ /hr	mm/hr	mm	WINDOW	
A1	2"	21.7	362	21.0	.77	1.4
A2	2"	21.7	362	21.0	.77	1.4
A3	2"	21.7	362	21.0	.77	1.4
A4	2"	21.7	362	21.0	.77	1.4
A5	2"	21.7	362	21.0	.77	1.4
A6	2"	21.7	362	21.0	.77	1.4
A7	2"	21.7	362	21.0	.77	1.4
A8	2"	21.7	362	21.0	.77	1.4
A9	2"	21.7	362	21.0	.77	1.4
A10	2"	21.7	362	21.0	.77	1.4
A11	2"	21.7	362	21.0	.77	1.4



Hunter Industries offers this plan as a general guide for estimating purposes and offers no warranty, 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-20 TWELVE ROW DESIGN

SHEET
1 OF 1

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