

WATER REQUIREMENT

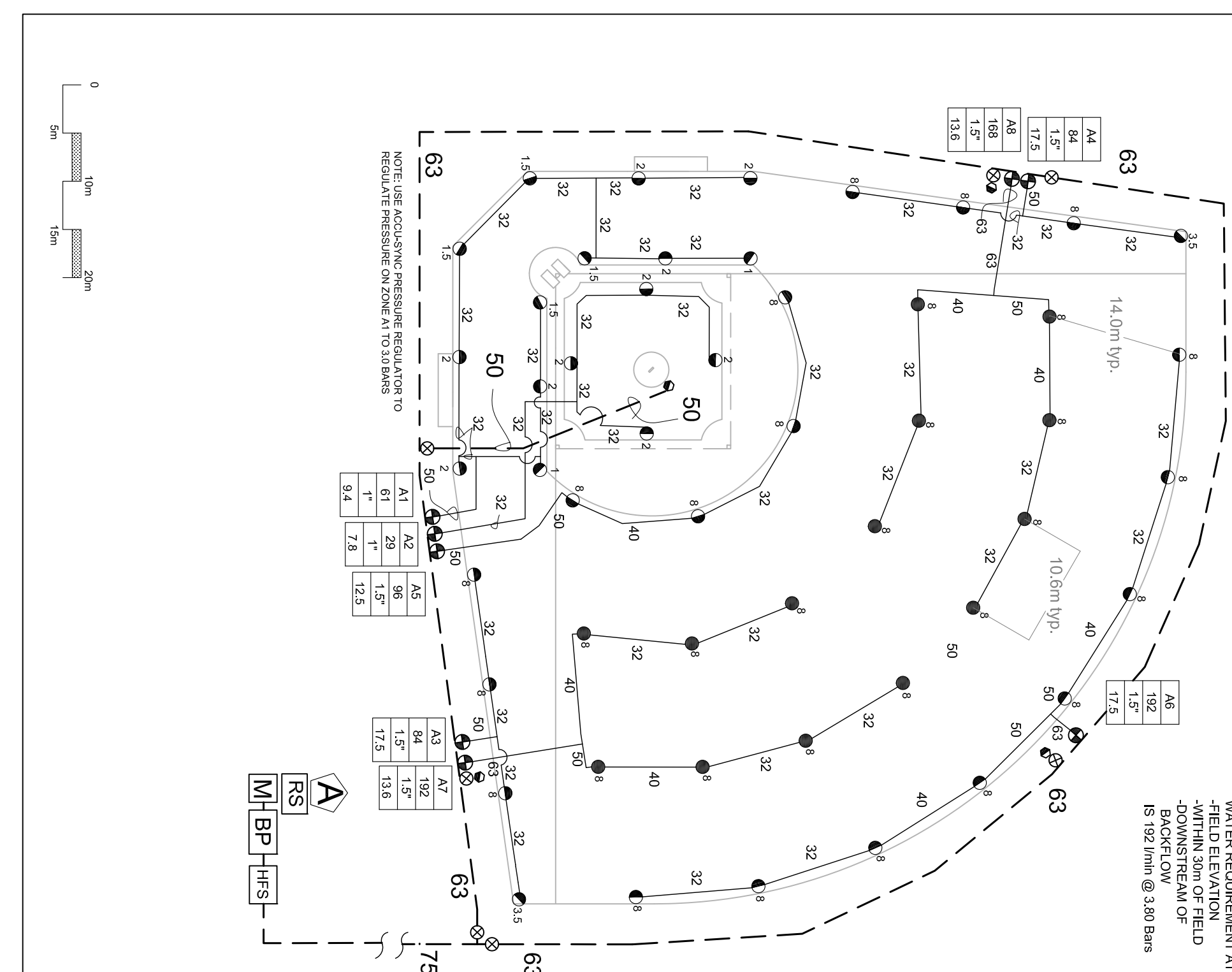
WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 192 l/min @ 3.80 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
HUNTER I-20-04-SS-XX/I-20-06-SS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
#1.0 @ 3.0 Bars - 4.1 l/min 9.4m RADIUS
#1.5 @ 3.0 Bars - 5.6 l/min 10.1m RADIUS
#2.0 @ 3.0 Bars - 7.2 l/min 10.4m RADIUS
#3.5 @ 3.0 Bars - 12.0 l/min 11.3m RADIUS
#8.0 @ 3.0 Bars - 24.0 l/min 13.1m RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- ▲ HUNTER ACC-1200-M SOLID STATE METAL CABINET CONTROLLER
- RS HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- LM WATER METER MINIMUM SIZE @ 192 l/min IS 50mm
- BP BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
- LATERAL PIPE
- SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- HFS 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/QCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. QCV 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



NOTE: USE ACCU-SYNC PRESSURE REGULATOR TO REGULATE PRESSURE ON ZONE A1 TO 3.0 BARS

A1	61	1"	9.4
A2	29	1"	7.8
A3	84	1.5"	17.5
A4	84	1.5"	17.5
A5	96	1.5"	12.5
A6	192	1.5"	17.5
A7	192	1.5"	13.6
A8	168	1.5"	13.6

SYSTEM PERFORMANCE DATA					VALVE ID GUIDE		
ZONE	SIZE	FLOW mm ³ /hr	PR	DU	SC _(10% WIND)	A1	STATION NUMBER
A1	1"	3.6	61	9.4	.81	1.2	273
A2	1"	1.7	29	7.8	.82	1.3	1.5"
A3	1"	5.0	84	17.5	.78	1.2	190
A4	1"	5.0	84	17.5	.78	1.2	
A5	1"	5.7	96	12.5	.78	1.2	
A6	1.5"	11.5	192	17.5	.77	1.3	
A7	1.5"	11.5	192	13.6	.77	1.3	
A8	1.5"	10.1	168	13.6	.77	1.3	

