

WATER REQUIREMENT

WATER REQUIREMENT AT  
-FIELD ELEVATION  
-WITHIN 30m OF FIELD  
-DOWNSTREAM OF  
BACKFLOW  
IS 386 l/min @ 6.25 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION  
HUNTER I40-M4-SS-ON-B-XX-I40-06-SS-ON-B-XX NOZZLE AS SHOWN  
HUNTER I40-M4-SS-B-XX-I40-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:  
#41 @ 5.5 Bars - 49.1 l/min 16.2m RADIUS  
#42 @ 5.5 Bars - 52.9 l/min 17.1m RADIUS  
#43 @ 5.5 Bars - 66.1 l/min 18.6m RADIUS  
#44 @ 5.5 Bars - 96.6 l/min 20.4m RADIUS  
#28 @ 5.5 Bars - 116.7 l/min 21.9m RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN  
HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)  
HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER  
HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR  
WATER METER MINIMUM SIZE @ 386 l/min IS 63mm  
BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE  
LATERAL PIPE  
SLEEVING  
ISOLATION VALVE LINE SIZED

IRRIGATION NOTES

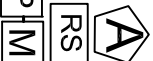
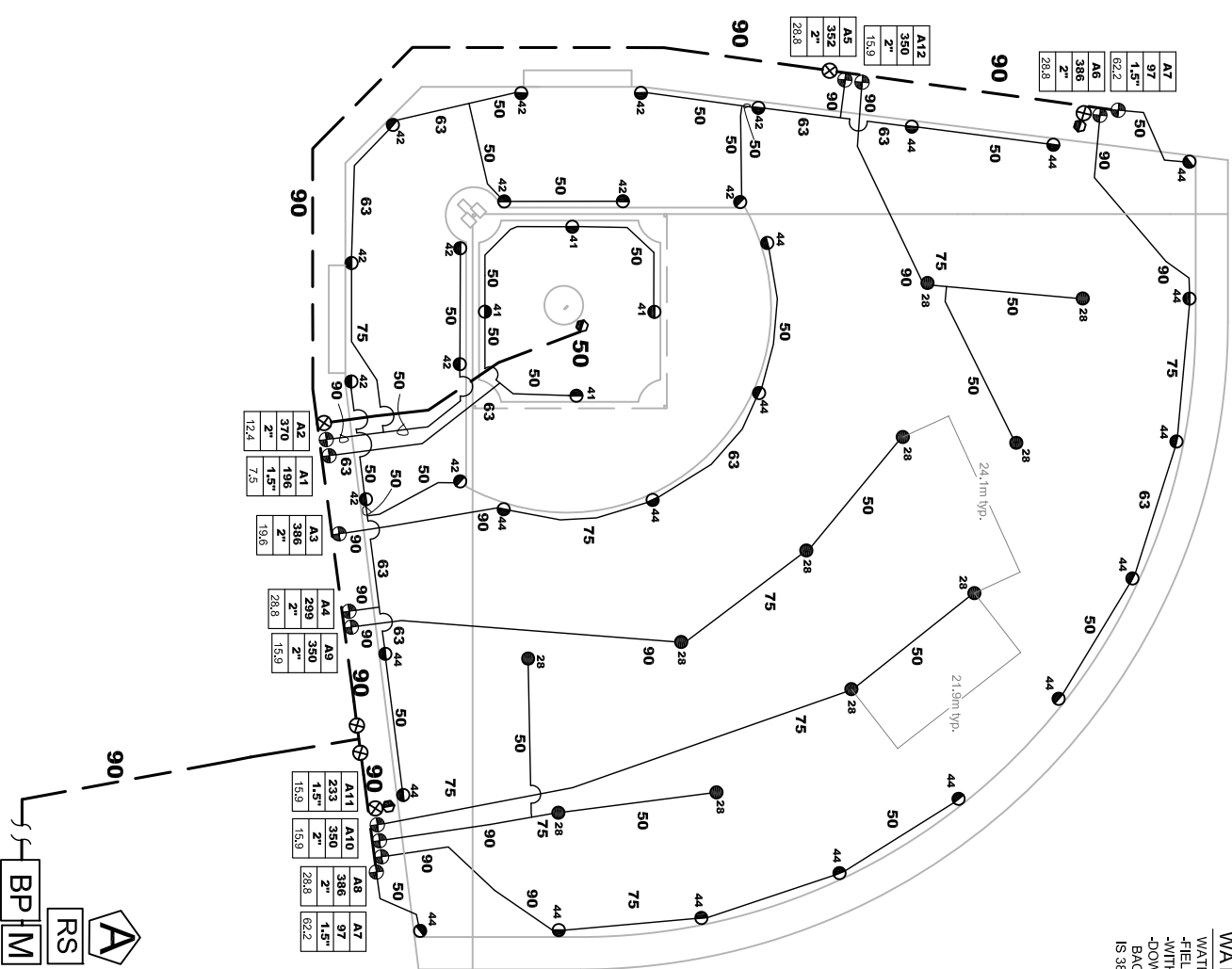
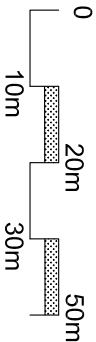
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/COV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE 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"
19	PRECIPITATION RATE mm/hr

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m <sup>3</sup> /hr	PR mm/hr	DU	SC <sub>100</sub> W/MIN
A1	1.5"	11.8	196	.74	1.3
A2	2"	22.2	370	.77	1.3
A3	2"	23.2	386	.82	1.3
A4	2"	17.9	299	.78	1.2
A5	2"	21.1	352	.78	1.2
A6	2"	23.2	386	.78	1.2
A7	2-1.5"	11.6	193	.62.2	.78
A8	2"	23.2	386	.28.8	.78
A9	2"	21	350	.15.9	.74
A10	2"	21	350	.15.9	.74
A11	1.5"	14	233	.74	1.4
A12	2"	21	350	.15.9	1.4



Hunter®

OFFICIAL BASEBALL FIELD

I-40 FOUR ROW DESIGN

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SHEET  
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