



OFFICIAL BASEBALL FIELD
I-20 SIX ROW DESIGN

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WATER REQUIREMENT

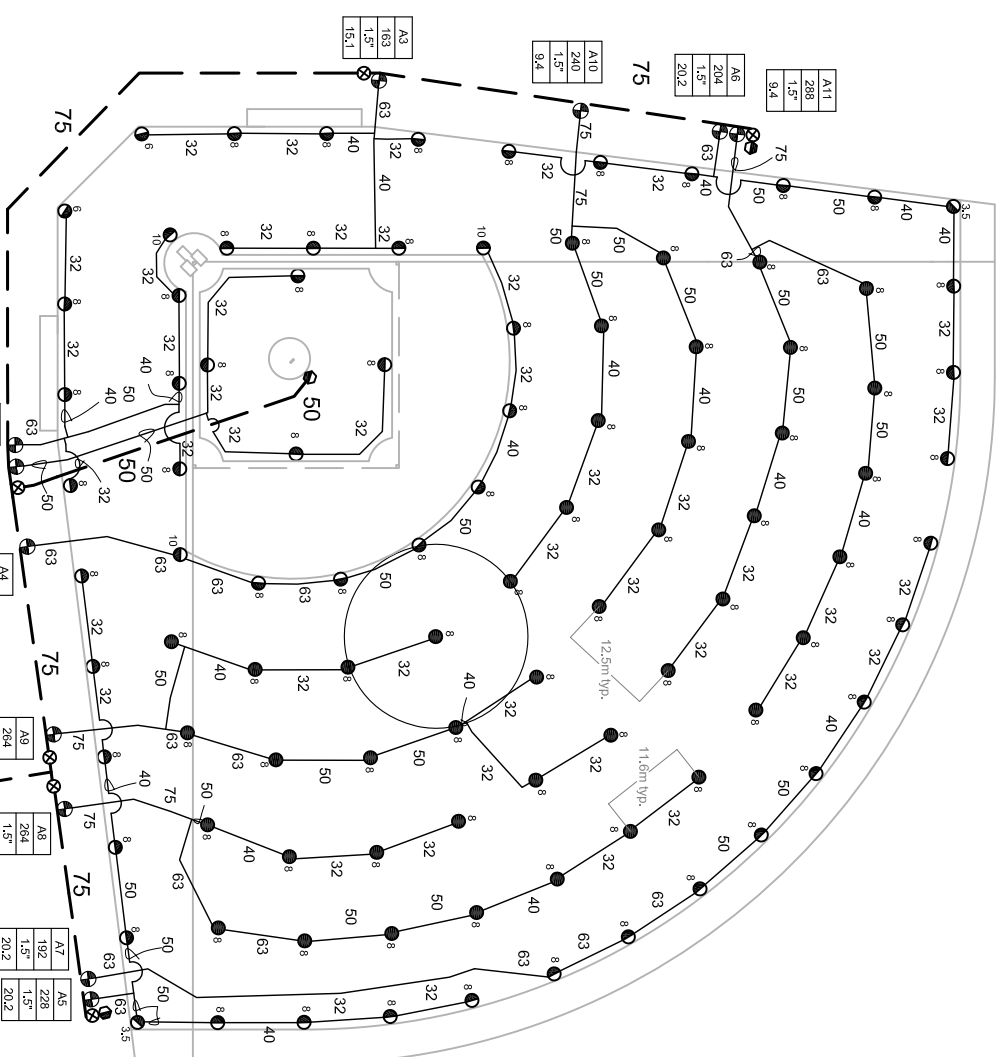
WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 288 l/min @ 5.75 Bars

IRRIGATION LEGEND

- HUNTER I-20-04-SS-XXI-20-06-SS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
#3.5 @ 3.0 Bars - 12.0 l/min 11.3m RADIUS
#6.0 @ 3.0 Bars - 19.4 l/min 11.9m RADIUS
#8.0 @ 3.0 Bars - 24.0 l/min 13.1m RADIUS
#10.0 @ 3.0 Bars - 33.5 l/min 12.8m RADIUS
- HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ▲ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- RS HUNTER IC-1200 SOLID STATE METAL CABINET CONTROLLER
- IN HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- BP WATER METER MINIMUM SIZE @ 288 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 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
1.5"	197
1.5"	96
1.5"	1
9.4	9.4

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR l/min	DU mm/hr	SC (10% WINDOFF)
A1	1"	5.7	96	6.4	.79
A2	1.5"	11.8	197	15.1	1.2
A3	1.5"	9.8	163	15.1	.80
A4	1.5"	12.7	211	17.4	1.2
A5	1.5"	13.7	228	20.2	.83
A6	1.5"	12.2	204	20.2	1.2
A7	1.5"	11.5	192	20.2	.83
A8	1.5"	15.8	264	9.4	.78
A9	1.5"	15.8	264	9.4	1.2
A10	1.5"	14.4	240	9.4	1.2
A11	1.5"	17.3	288	9.4	.78

