



OFFICIAL BASEBALL FIELD  
I-25 FOUR ROW DESIGN  
LOOPED MAINLINE

Hunter Industries  
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WATER REQUIREMENT AT

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-FIELD ELEVATION  
-WITHIN 30m OF FIELD  
-DOWNSTREAM OF  
-BACKFLOW  
IS 385 l/min @ 6.0 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
- HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX, NOZZLE AS SHOWN
  - HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX, NOZZLE AS SHOWN
  - HUNTER I-25-04-SS-HS-B-XX/I-25-06-SS-HS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
- #8 @ 4.0 Bars - 34.2 l/min 15.2m RADIUS
  - #13 @ 5.5 Bars - 54.0 l/min 16.8m RADIUS
  - #15 @ 5.5 Bars - 61.5 l/min 17.7m RADIUS
  - #18 @ 5.5 Bars - 68.5 l/min 19.2m RADIUS
  - #23 @ 5.5 Bars - 96.3 l/min 20.1m RADIUS
- HUNTER IGV/BEV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER ACC-1800-M SOLID STATE METAL CABINET CONTROLLER
- FS HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- WM WATER METER MINIMUM SIZE @ 385 l/min IS 63mm
- BP BACKFLOW/PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
- LATERAL PIPE
- 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 DIAGRAMATIC
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/OCVS OUT OF HIGH TRAFFIC AREAS
9. WIRE SPULGE 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	1.5"
19	VALVE SIZE
	PRECIPITATION RATE mm/hr

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m <sup>3</sup> /hr	PR l/min	DU	SC (m <sup>3</sup> /MIN)
A1	1.5"	8.2	137	.83	1.6
A2	1.5"	14.3	239	.87	1.1
A3	1.5"	14.8	246	.87	1.1
A4	1.5"	7.4	123	.87	1.1
A5	2"	17.3	289	.87	1.1
A6	1.5"	14.8	246	.87	1.1
A7	1.5"	14.8	246	.82	1.2
A8	2-1"	8.2	137	.82	1.2
A9	1.5"	12.4	206	.82	1.2
A10	1.5"	12.4	206	.82	1.2
A11	1.5"	12.4	206	.80	1.2
A12	2"	17.3	289	.80	1.2
A13	2"	23.1	385	.82	1.2
A14	2"	17.3	289	.82	1.2
A15	2"	17.3	289	.82	1.2
A16	2"	17.3	289	.82	1.2
A17	2"	17.3	289	.82	1.2
A18	2"	17.3	289	.82	1.2
A19	2"	17.3	289	.82	1.2
A20	2"	17.3	289	.82	1.2

