



**IRRIGATION LEGEND**

- PRODUCT DESCRIPTION**  
 HUNTER I-20-ADS-XXI-20-8P-ADS-XX NOZZLE AS SHOWN  
 HUNTER I-35-06-SS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**  
 I-20:  
 #1 @ 50 PSI - 1.2 GPM 31" RADIUS  
 #2 @ 50 PSI - 2.0 GPM 36" RADIUS  
 I-35:  
 #12 @ 70 PSI - 13.3 GPM 55" RADIUS  
 #15 @ 70 PSI - 15.2 GPM 57" RADIUS
- SYMBOLS:**  
 ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN  
 ⊙ HUNTER HO44XX-AW QUICK COUPLER VALVE (OPTIONAL)  
 ⊗ HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER  
 ⊞ HUNTER BELEN MINI-DIGITAL SIZE VENTURI SENSOR  
 ⊠ HUNTER BELEN MINI-DIGITAL SIZE VENTURI SENSOR  
 ⊡ BACKFLOW PREVENTER SIZED TO SYSTEM GPM  
 — MAINLINE PIPE  
 — LATERAL PIPE  
 = SLEEVING  
 ⊞ ISOLATION VALVE LINE SIZED  
 ⊞ 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 1" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
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

**VALVE ID GUIDE**

A1	STATION NUMBER
55	GPM
1.5"	VALVE SIZE
5077W	PRECIPITATION RATE

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW/PR	DU	SC
A1	1"	17.5	43"	81
A2	1"	8.6	42"	82
A3	1.5"	26.6	83"	85
A4	1.5"	40	76"	85
A5	1.5"	30.4	10"	86
A6	1.5"	45.6	10"	86
A7	1.5"	45.6	50"	89
A8	1.5"	45.6	50"	89
A9	1.5"	45.6	50"	87
A10	1.5"	45.6	50"	87
A11	1.5"	45.6	50"	87

**WATER REQUIREMENT**

- A1 FIELD ELEVATION
- WITHIN 100' OF FIELD
- DOWNSTREAM OF
- BACKFLOW IS 61 GPM @ 80 PSI

Hunter Industries offers this plan as a general guide for estimating purposes and offers no liability, 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.



OFFICIAL LITTLE LEAGUE FIELD  
 I-35 THREE ROW DESIGN  
 LOOPED MAINLINE

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SHEET  
 1 OF 1