



**WATER REQUIREMENT**

AT FIELD ELEVATION  
-WITHIN 100' OF FIELD  
-DOWNSTREAM OF  
BACKFLOW IS 90 GPM @ 90  
PSI

**IRRIGATION LEGEND**

- PRODUCT DESCRIPTION
- HUNTER I-35-06-SS-XX, NOZZLE AS SHOWN
  - HUNTER I-35-06-SS-XX, NOZZLE AS SHOWN
  - HUNTER I-35-06-SS-HS-XX, NOZZLE AS SHOWN
  - HUNTER I-35-06-SS-HS-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
- #9 @ 60 PSI - 9.2 GPM 50' RADIUS
  - #12 @ 80 PSI - 14.3 GPM 55' RADIUS
  - #15 @ 80 PSI - 16.4 GPM 58' RADIUS
  - #18 @ 80 PSI - 18.2 GPM 63' RADIUS
  - #24 @ 80 PSI - 25.6 GPM 66' RADIUS
- ⊕ HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - ⊕ HUNTER ACC-1800 SOLID STATE METAL CABINET CONTROLLER
  - ⊕ HUNTER SOL-AR-SYN-SEN ON SITE WEATHER SENSOR
  - ⊕ WATER METER MINIMUM SIZE @ 96 GPM IS 2 1/2"
  - ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM GPM
- WASTE PIPE
  - WASTE 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/ICV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. ICV 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	VALVE SIZE
1.50"/min	PRECIPITATION RATE

**SYSTEM PERFORMANCE DATA**

ZONE	SIZE	FLOW	PR	DU	SC
		GPM			(GAL/HR/1000)
A1	1.5"	32	4.1"	78	1.2
A2	1.5"	64	1.3"	87	1.1
A3	1.5"	65	1.3"	87	1.1
A4	1.5"	65	1.3"	87	1.1
A5	2"	87	6.1"	88	1.1
A6	1.5"	65	1.09"	88	1.1
A7	1.5"	77	1.09"	88	1.1
A8	2-1/4"	36	88"	84	1.2
A9	1.5"	54	88"	84	1.2
A10	1.5"	54	88"	84	1.2
A11	1.5"	74	88"	84	1.2
A12	2"	77	88"	84	1.2
A13	2"	102	58"	80	1.2
A14	2"	77	58"	80	1.2
A15	2"	77	58"	80	1.2
A16	2"	77	58"	80	1.2

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