



### IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I40-04-SS-ON-XX-I1-40-06-SS-ON-XX, NOZZLE AS SHOWN
  - HUNTER I40-04-SS-XX-I140-06-SS-XX, NOZZLE AS SHOWN
  - NOZZLE PERFORMANCE: #15 @ 80 PSI - 16.2 GPM 59' RADIUS #20 @ 80 PSI - 22.3 GPM 66' RADIUS
  - HUNTER IGV/IV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - HUNTER HC-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
  - HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER
  - HUNTER SOLAR-SYNG-SEN ON SITE WEATHER SENSOR
  - WATER METER MINIMUM SIZE @ 91.0 GPM IS 2.0"
  - 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 1/2" 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 1/4" 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

### WATER REQUIREMENT

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

### VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE
A1	55 GPM	1.5"
A11	507 GPM	5.0"

### SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC <sub>100</sub>
A1	1.5"	91.0	89'	84	1.2
A2	1.5"	72.8	89'	84	1.2
A3	2"	91.0	1.76'	84	1.2
A4	1.5"	91.0	89'	84	1.2
A5	1.5"	36.4	1.76'	84	1.2
A6	1.5"	72.8	89'	84	1.2
A7	2"	89.2	57'	86	1.2
A8	2"	89.2	57'	86	1.2
A9	2"	89.2	57'	86	1.2
A10	2"	89.2	57'	86	1.2
A11	2"	89.2	57'	86	1.2

Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, expressed or implied, for risks associated with this plan. Because of the variability of every system and of every site we recommend that a qualified irrigation designer be consulted.



MULTI-PURPOSE FIELD  
I-40 FIVE ROW DESIGN  
LOOPED MAINLINE

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SHEET  
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