

WATER REQUIREMENT

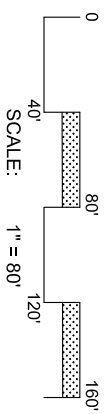
-AT FIELD ELEVATION
 -WITHIN 100' OF FIELD
 -DOWNSTREAM OF BACKFLOW
 IS 68.0 GPM @ 85 PSI

VALVE ID GUIDE

A1	STATION NUMBER
55	GPM
1.5"	VALVE SIZE
50% ^{PR}	PRECIPITATION RATE

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC _(min velocity)
A1	1.5"	68.0	1.03"	.77	1.4
A2	1.5"	34.0	1.03"	.77	1.4
A3	1.5"	51.0	2.05"	.77	1.4
A4	1.5"	68.0	1.03"	.77	1.4
A5	1.5"	34.0	2.05"	.77	1.4
A6	1.5"	51.0	1.03"	.77	1.4
A7	1.5"	68.4	.53"	.77	1.4
A8	1.5"	68.4	.53"	.77	1.5
A9	1.5"	68.4	.53"	.77	1.5



SCALE: 1" = 80'

Utility Indications shown here are a general guide for planning purposes and differs to industry approved or typical. For more information on this and other products, please visit our website at www.hunterirrigation.com. A qualified irrigation designer should be consulted.

IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-40-04-SS-ON/I-40-06-SS-ON, NOZZLE AS SHOWN
 - HUNTER I-40-04-SS-XX/I-40-06-SS-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #15 @ 70 PSI - 17.0 GPM, 57' RADIUS
 - #18 @ 70 PSI - 16.6 GPM, 60' RADIUS
- ⊕ HUNTER IGV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊕ HUNTER HC-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊕ HUNTER IC-1200 SOLID STATE METAL CABINET CONTROLLER
 - ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - ⊕ WATER METER MINIMUM SIZE @ 68.0 GPM IS 2.0"
 - ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM GPM
 - ⊕ 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 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. IGV 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