



### IRRIGATION LEGEND

PRODUCT DESCRIPTION

- HUNTER I-35-06-SS-HS-XX, NOZZLE AS SHOWN
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NOZZLE PERFORMANCE:  
#18 @ 70 PSI - 16.9 GPM 55' RADIUS

- ⊕ HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊕ HUNTER IC/IBV ELECTRIC CONTROL VALVE (OPTIONAL)
- ⊕ HUNTER IC-800 SOLID STATE METAL CABINET CONTROLLER
- ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- ⊕ WATER METER MINIMUM SIZE @ 33.8 GPM IS 1.5"
- ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM GPM

BP MAINLINE PIPE  
LATERAL PIPE  
SLEEVING  
⊗ 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 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/OCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE 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

### WATER REQUIREMENT

STATION NUMBER	ZONE	SIZE	FLOW	PR
A1	A1	1.5"	33.8	2.0'
A2	A2	1.5"	33.8	2.0'
A3	A3	1.5"	33.8	1.0'
A4	A4	1.5"	33.8	1.0'
A5	A5	1.5"	16.9	.50'

### SYSTEM PERFORMANCE DATA

AT FIELD ELEVATION	ZONE	SIZE	FLOW	PR
-WITHIN 100' OF FIELD	A1	1.5"	33.8	2.0'
-DOWNSTREAM OF BACKFLOW IS	A2	1.5"	33.8	2.0'
33.8 GPM @ 75 PSI	A3	1.5"	33.8	1.0'
	A4	1.5"	33.8	1.0'
	A5	1.5"	16.9	.50'

### VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE
A1	55"	1.50"/hr
A2	55"	1.50"/hr
A3	55"	1.50"/hr
A4	55"	1.50"/hr
A5	55"	1.50"/hr

SCALE: 1" = 30'0"

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.