



IRRIGATION LEGEND

PRODUCT DESCRIPTION

- HUNTER I-35-06-SS-HS-XX, NOZZLE AS SHOWN
- HUNTER I-35-06-SS-HS-XX, NOZZLE AS SHOWN

NOZZLE PERFORMANCE:
#15 @ 40 PSI - 14.7 GPM 55' RADIUS

- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊕ HUNTER HQ44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- ⊕ HUNTER IC-600 SOLID STATE METAL CABINET CONTROLLER
- ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- ⊕ WATER METER MINIMUM SIZE @ 29.4 GPM IS 1.5"
- ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM GPM

MANLINE PIPE

- LATERAL PIPE
- ≡ SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- ⊕ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLK TEE "FCT"

IRRIGATION NOTES

1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMATIC
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/ROCKS 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

| AT FIELD ELEVATION | ZONE | SIZE | FLOW | PR |
|----------------------------|------|------|------|-------|
| -WITHIN 100' OF FIELD | A1 | 1.5" | 29.4 | 1.77" |
| -DOWNSTREAM OF BACKFLOW IS | A2 | 1.5" | 29.4 | 1.77" |
| 29.4 GPM @ 90 PSI | A3 | 1.5" | 29.4 | .89" |
| | A4 | 1.5" | 29.4 | .89" |
| | A5 | 1.5" | 14.7 | .45" |

SYSTEM PERFORMANCE DATA

| ZONE | SIZE | FLOW | PR |
|------|------|------|-------|
| A1 | 1.5" | 29.4 | 1.77" |
| A2 | 1.5" | 29.4 | 1.77" |
| A3 | 1.5" | 29.4 | .89" |
| A4 | 1.5" | 29.4 | .89" |
| A5 | 1.5" | 14.7 | .45" |

VALVE ID GUIDE

| STATION NUMBER | VALVE SIZE | PRECIPITATION RATE |
|----------------|------------|--------------------|
| A1 | 1.5" | .89"/hr |
| A2 | 1.5" | .89"/hr |
| A3 | 1.5" | .89"/hr |
| A4 | 1.5" | .89"/hr |
| A5 | 1.5" | .45"/hr |

WATER REQUIREMENT

| AT FIELD ELEVATION | ZONE | SIZE | FLOW | PR |
|----------------------------|------|------|------|-------|
| -WITHIN 100' OF FIELD | A1 | 1.5" | 29.4 | 1.77" |
| -DOWNSTREAM OF BACKFLOW IS | A2 | 1.5" | 29.4 | 1.77" |
| 29.4 GPM @ 90 PSI | A3 | 1.5" | 29.4 | .89" |
| | A4 | 1.5" | 29.4 | .89" |
| | A5 | 1.5" | 14.7 | .45" |

VALVE ID GUIDE

| STATION NUMBER | VALVE SIZE | PRECIPITATION RATE |
|----------------|------------|--------------------|
| A1 | 1.5" | .89"/hr |
| A2 | 1.5" | .89"/hr |
| A3 | 1.5" | .89"/hr |
| A4 | 1.5" | .89"/hr |
| A5 | 1.5" | .45"/hr |