

WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30.5M OF FIELD
-DOWNSTREAM OF BACKFLOW
IS 362 l/min @ 4.04 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
- HUNTER I20-36S/120-6P-36S, FULL CIRCLE, NOZZLE AS SHOWN
 - HUNTER I20-ADS/120-6P-ADS, PART CIRCLE, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
#8 @ 3.0 Bars - 30.2 l/min 13.4m RADIUS
- HUNTER ICV/BV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 362 l/min IS 63mm
 - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
 - LATERAL PIPE
 - SLEEVING
 - ISOLATION VALVE LINE SIZED

IRRIGATION NOTES

- SPRINKLER LOCATIONS ARE TO SCALE
- PIPE LOCATIONS ARE DIAGRAMMATIC
- ALL SPRINKLERS TO BE INSTALLED ON 25mm SCH 80 SWING JOINTS
- ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
- MAINLINE DEPTH TO BE NO LESS THAN 460mm
- LATERAL DEPTH TO BE NO LESS THAN 410mm
- ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
- LOCATE VALVES/QCV'S OUT OF HIGH TRAFFIC AREAS
- WIRE SPLICE CONNECTIONS TO BE WATERPROOF
- QCV TO BE LOCATED IN 10" VALVE BOX
- ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
- INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
- REFER TO HUNTER INSTALLATION DETAILS
- REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
- ADD HUNTER "FS" FOR DIRTY WATER VALVE
- ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

VALVE ID GUIDE

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|------|--------------------------|
| A1 | STATION NUMBER |
| 273 | l/min |
| 1.5" | VALVE SIZE |
| 19 | PRECIPITATION RATE mm/hr |

SYSTEM PERFORMANCE DATA

| ZONE | SIZE | FLOW m ³ /hr | l/min | PR mm/hr | DU | SC (10% WINDOW) |
|------|------|----------------------------|-------|-------------|-----|--------------------|
| A1 | 2" | 21.7 | 362 | 21.0 | .77 | 1.4 |
| A2 | 2" | 21.7 | 362 | 21.0 | .77 | 1.4 |
| A3 | 2" | 21.7 | 362 | 21.0 | .77 | 1.4 |
| A4 | 2" | 21.7 | 362 | 10.6 | .77 | 1.4 |
| A5 | 2" | 18.1 | 302 | 10.6 | .77 | 1.4 |
| A6 | 2" | 21.7 | 362 | 10.6 | .77 | 1.4 |
| A7 | 2" | 21.7 | 362 | 10.6 | .77 | 1.4 |
| A8 | 2" | 21.7 | 362 | 10.6 | .77 | 1.4 |
| A9 | 2" | 21.7 | 362 | 10.6 | .77 | 1.4 |
| A10 | 2" | 18.1 | 302 | 10.6 | .77 | 1.4 |
| A11 | 2" | 21.7 | 362 | 10.6 | .77 | 1.4 |

