

WATER REQUIREMENT
WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 274 l/min @ 5.91 Bars

- IRRIGATION LEGEND**
- PRODUCT DESCRIPTION**
- HUNTER I-20-ADS-XX/1-20-6P-ADS-XX NOZZLE AS SHOWN
 - HUNTER I-35-06-SS-B-XX, NOZZLE AS SHOWN
 - HUNTER I-35-04-SS-B, NOZZLE AS SHOWN
 - 1-20
#SR1.5 @ 3.5 Bars - 2.9 l/min 7.6m RADIUS
 - #SR.75 @ 3.5 Bars - 5.6 l/min 7.6m RADIUS
 - 1-31
#9 @ 5.0 Bars - 37.8 l/min 15.5m RADIUS
 - #15 @ 5.5 Bars - 61.5 l/min 17.7m RADIUS
 - #18 @ 5.5 Bars - 68.5 l/min 19.2m RADIUS
 - HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊠ HUNTER ACC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - ⊠ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - ⊠ WATER METER MINIMUM SIZE @ 274 l/min IS 63mm
 - ⊠ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - 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 32mm SCH 80 SWING JOINTS
 4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
 5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
 6. LATERAL DEPTH TO BE NO LESS THAN 410mm
 7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" 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 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

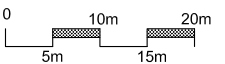
SPRINKLER PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr l/min	PR mm/hr	DU	SC (10% WINDROW)
A1	1.5"	1.2 19	11.9	.85	1.2
A2	1.5"	10.5 175	27.9	.80	1.3
A3	1.5"	10.5 175	27.9	.80	1.3
A4	2-1"	8.2 137	53.1	.80	1.3
A5	1.5"	12.4 206	27.9	.80	1.3
A6	1.5"	16.4 274	27.9	.80	1.3
A7	1.5"	12.4 206	24.3	.80	1.3
A8	1.5"	14.8 246	14.4	.86	1.2
A9	1.5"	11.2 186	14.4	.86	1.2
A10	1.5"	14.8 246	14.4	.86	1.2

VALVE ID GUIDE

A1	STATION NUMBER
273	l/min
1.5"	VALVE SIZE
19.0	PRECIPITATION RATE mm/hr

A1	A7	A8	A2	A4
19	206	246	175	69
1"	1.5"	1.5"	1.5"	1"
11.9	24.3	14.4	27.9	53.1



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.