

A10	771	3"	47.5
A11	514	3"	95
A12	771	3"	23.7
A13	765	3"	23.7
A14	765	3"	23.7
A15	765	3"	23.7
A16	765	3"	23.7
A17	765	3"	23.7
A18	765	3"	23.7
A19	765	3"	23.7
A20	765	3"	23.7
A21	765	3"	23.7
A22	765	3"	23.7
A23	765	3"	23.7
A24	765	3"	23.7
A25	765	3"	23.7
A26	765	3"	23.7
A27	765	3"	23.7
A28	765	3"	23.7
A29	765	3"	23.7
A30	765	3"	23.7

A1	A30	771	765	3"	47.5
A2	A29	771	765	3"	23.7
A3	A28	771	765	3"	23.7
A4	A27	771	765	3"	23.7
A5	A26	771	765	3"	23.7

A17	A9	771	765	3"	47.5
A18	A8	771	765	3"	23.7
A19	A7	771	765	3"	23.7
A20	A6	771	765	3"	23.7
A21	A5	771	765	3"	23.7

A22	765	3"	23.7
A23	765	3"	23.7
A24	765	3"	23.7
A25	765	3"	23.7
A26	765	3"	23.7
A27	765	3"	23.7
A28	765	3"	23.7
A29	765	3"	23.7
A30	765	3"	23.7

ZONE	SIZE	FLOW mm ³ /hr	PR mm/hr	DU	SC (% MAXIMUM)
A1	3"	46.3	771	.82	1.2
A2	3"	46.3	771	.82	1.2
A3	3"	46.3	771	.82	1.2
A4	3"	46.3	771	.82	1.2
A5	3"	30.8	514	.82	1.2
A6	3"	46.3	771	.82	1.2
A7	3"	46.3	771	.82	1.2
A8	3"	46.3	771	.82	1.2
A9	3"	46.3	771	.82	1.2
A10	3"	30.8	514	.82	1.2
A11	3"	45.9	765	.76	1.4
A12	3"	45.9	765	.76	1.4
A13	3"	45.9	765	.76	1.4
A14	3"	45.9	765	.76	1.4
A15	3"	45.9	765	.76	1.4
A16	3"	45.9	765	.76	1.4
A17	3"	45.9	765	.76	1.4
A18	3"	45.9	765	.76	1.4
A19	3"	45.9	765	.76	1.4
A20	3"	45.9	765	.76	1.4
A21	3"	45.9	765	.76	1.4
A22	3"	45.9	765	.76	1.4
A23	3"	45.9	765	.76	1.4
A24	3"	45.9	765	.76	1.4
A25	3"	45.9	765	.76	1.4
A26	3"	45.9	765	.76	1.4
A27	3"	45.9	765	.76	1.4
A28	3"	45.9	765	.76	1.4
A29	3"	45.9	765	.76	1.4
A30	3"	45.9	765	.76	1.4

IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-90-36V-XX, FULL CIRCLE, NOZZLE AS SHOWN
 - HUNTER I-90-ADV-XX, PART CIRCLE, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #63 FULL CIRCLE @ 6.5 Bars - 257.1 l/min 26.8m RADIUS
 - #63 PART CIRCLE @ 6.5 Bars - 255.2 l/min 28.7m RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER AOC-3000-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 771 l/min IS 110mm
 - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - LATERAL PIPE
 - MAINLINE PIPE
 - SLEEVING
 - ISOLATION VALVE LINE SIZED
 - HUNTER FLOW SENSOR

IRRIGATION NOTES

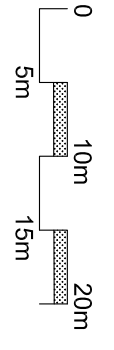
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/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

WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 30m OF FIELD
 -DOWNSTREAM OF BACKFLOW
 IS 771 l/min @ 7.26 BARS

VALVE ID GUIDE

A1	STATION NUMBER
273	l/min
1.5"	VALVE SIZE
15mm/hr	PRECIPITATION RATE mm/hr



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.



POLO FIELD 182m X 274m
 I-90 EIGHT ROW
 LOOPED MAINLINE

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SHEET
 1 OF 1