



- ### IRRIGATION LEGEND
- PRODUCT DESCRIPTION**
- HUNTER I-90-36V-XX FULL CIRCL E NOZZLE AS SHOWN
 - HUNTER I-90-ADV-XX PART CIRCL E NOZZLE AS SHOWN
 - NOZZLE PERFORMANCE:
 - #63 PART CIRCL E @ 6.5 Bars - 257 l/min 26.8m RADIUS
 - #63 FULL CIRCL E @ 6.5 Bars - 253 l/min 26.7m RADIUS
 - HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER ACC-3000-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYN-C-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 771 l/min IS 110mm
 - BP BACKFLOW/PREVENTER SIZED TO SYSTEM l/min
 - MAINLINE PIPE
 - LATERAL PIPE
 - SLEEVING
 - ISOLATION VALVE LINE SIZED
 - HFS 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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR	DU	SC (mm/min)
A1	3"	46.3	771	47.5	.82
A2	3"	46.3	771	47.5	.82
A3	3"	46.3	771	47.5	.82
A4	3"	46.3	771	47.5	.82
A5	3"	46.3	771	47.5	.82
A6	3"	46.3	771	47.5	.82
A7	3"	46.3	771	47.5	.82
A8	3"	46.3	771	47.5	.82
A9	3"	46.3	771	47.5	.82
A10	3"	46.3	771	47.5	.82
A11	3"	30.8	514	95	.82
A12	3"	46.3	765	47.5	.82
A13	3"	45.9	765	23.7	.76
A14	3"	45.9	765	23.7	.76
A15	3"	45.9	765	23.7	.76
A16	3"	45.9	765	23.7	.76
A17	3"	45.9	765	23.7	.76
A18	3"	45.9	765	23.7	.76
A19	3"	45.9	765	23.7	.76
A20	3"	45.9	765	23.7	.76
A21	3"	45.9	765	23.7	.76
A22	3"	45.9	765	23.7	.76
A23	3"	45.9	765	23.7	.76
A24	3"	45.9	765	23.7	.76
A25	3"	45.9	765	23.7	.76
A26	3"	45.9	765	23.7	.76
A27	3"	45.9	765	23.7	.76
A28	3"	45.9	765	23.7	.76
A29	3"	45.9	765	23.7	.76
A30	3"	45.9	765	23.7	.76

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
223	110mm
157	VALVE SIZE
230	PRECIPITATION RATE mm/hr

Hunter Industries offers this plan as a general guide for estimation purposes and does not warrant, accept or provide, for project 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

Hunter Industries
1940 Diamond Street
San Marcos, California 92078
SpecPro Technical Assistance
1-800-319-4796
www.HunterIndustries.com

SHEET
1 OF 1