

WATER REQUIREMENT
 WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 30m OF FIELD
 -DOWNSTREAM OF
 BACKFLOW
 IS 270 l/min @ 5.88 Bars

- IRRIGATION LEGEND**
- PRODUCT DESCRIPTION
 - HUNTER I40-04-SS-ON-B-XX140-06-SS-ON-B-XX NOZZLE AS SHOWN
 - HUNTER I40-04-SS-B-XX140-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #18 @ 5.5 Bars - 67.5 l/min 18.9m RADIUS
 - #15 @ 5.5 Bars - 68.9 l/min 18.0m RADIUS
 - HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER ACC-1800-AW SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 275 l/min IS 63mm
 - BACKFLOW/PREVENTER SIZED TO SYSTEM l/min
 - MAINLINE PIPE
 - LATERAL PIPE
 - SLEEVING
 - ISOLATION VALVE LINE SIZED
 - HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

A14	203	1.5"	12.6
A3	275	2"	21.5
A10	270	2"	12.6
A11	203	1.5"	12.6

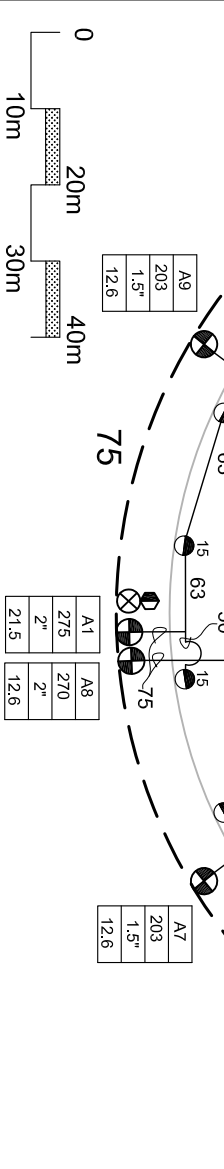
- IRRIGATION NOTES**
1. SPRINKLER LOCATIONS ARE TO SCALE
 2. PIPE LOCATIONS ARE DIAGRAMMATIC
 3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
 4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
 5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
 6. LATERAL DEPTH TO BE NO LESS THAN 410mm
 7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
 8. LOCATE VALVES/COV'S OUT OF HIGH TRAFFIC AREAS
 9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
 10. COV 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

VALVE ID GUIDE

A1	STATION NUMBER	273	1.5"	19
A1	INCH			
A1	VALVE SIZE			
A1	PRECIPITATION RATE mm/hr			

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW l/min	PR mmHg	DU	SC (10% WINDOW)
A1	2"	16.5	275	21.5	.82
A2	2"	16.5	275	21.5	.82
A3	2"	16.5	275	21.5	.82
A4	2"	16.5	275	21.5	.82
A5	2"	16.5	275	21.5	.82
A6	2"	16.5	275	21.5	.82
A7	2"	16.5	275	21.5	.82
A8	2"	16.2	270	12.6	.82
A9	2"	16.2	270	12.6	.82
A10	2"	16.2	270	12.6	.82
A11	1.5"	12.2	203	12.6	.82
A12	1.5"	12.2	203	12.6	.82
A13	2"	16.2	270	12.6	.82
A14	1.5"	12.2	203	12.6	.82
A15	2"	16.2	270	12.6	.82
A16	1.5"	12.2	203	12.6	.82



VALVE ID GUIDE

A13	270	2"	12.6
A6	275	2"	21.5
A9	203	1.5"	12.6
A1	275	2"	21.5
A8	270	2"	12.6
A7	203	1.5"	12.6
A2	275	2"	21.5

Hunter Industries offers this plan as a general guide for establishing a system and does not warrant the accuracy of the information contained herein. The user is responsible for verifying the accuracy of the information and for obtaining the necessary permits and approvals from the appropriate authorities. The user is responsible for obtaining the necessary permits and approvals from the appropriate authorities.

CRICKET FIELD
I-40 EIGHT ROW DESIGN
LOOPED MAINLINE



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