



OFFICIAL BASEBALL FIELD
I-35 FOUR ROW DESIGN
LOOPED MAINLINE

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

WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF BACKFLOW IS
96 GPM @ 90 PSI

IRRIGATION LEGEND

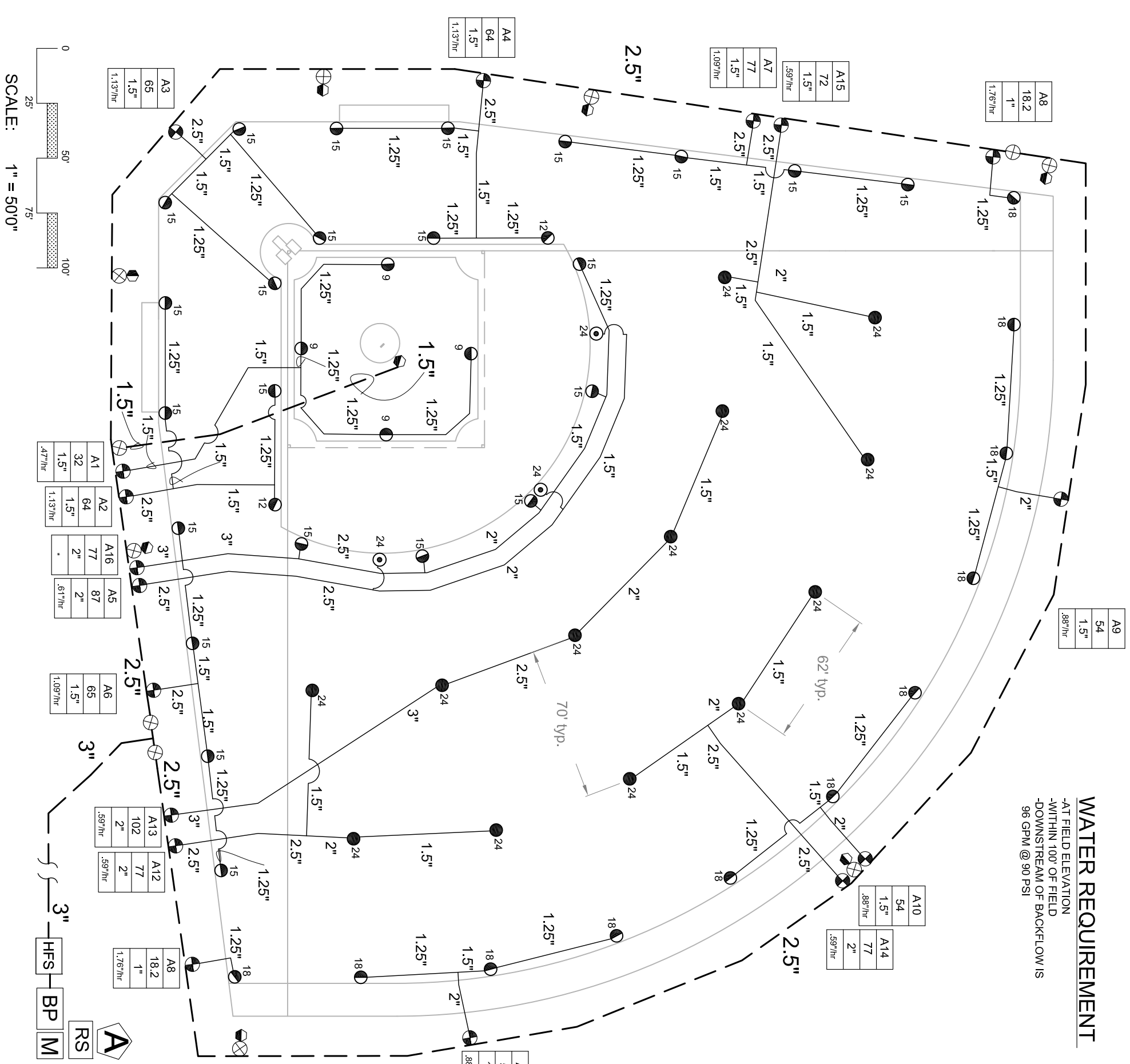
- PRODUCT DESCRIPTION**
- HUNTER I-35-06-SS-XX, NOZZLE AS SHOWN
 - HUNTER I-35-06-SS-XX, NOZZLE AS SHOWN
 - HUNTER I-35-06-SS-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #9 @ 60 PSI - 9.2 GPM 50' RADIUS
 - #12 @ 80 PSI - 14.3 GPM 55' RADIUS
 - #15 @ 80 PSI - 16.4 GPM 58' RADIUS
 - #18 @ 80 PSI - 18.2 GPM 63' RADIUS
 - #24 @ 80 PSI - 25.6 GPM 66' RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER ACC-1800 SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 96 GPM IS 2.0"
 - BACKFLOW PREVENTER SIZED TO SYSTEM GPM
 - MAINLINE PIPE
 - LATERAL PIPE
 - SLEEVING
 - ⊗ ISOLATION VALVE LINE SIZED
 - ⊠ 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 1" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
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

VALVE ID GUIDE SYSTEM PERFORMANCE DATA

A1	STATION NUMBER	ZONE	SIZE	FLOW	PR	DU	SC
55	GPM						(10% WINDOW)
1.5"	VALVE SIZE						
.50"/hr	PRECIPITATION RATE						
A1	32	A1	1.5"	.47"	.78	1.2	
A2	64	A2	1.5"	1.13"	.87	1.1	
A3	65	A3	1.5"	1.13"	.87	1.1	
A4	65	A4	1.5"	1.13"	.87	1.1	
A5	87	A5	2"	.61"	.88	1.1	
A6	65	A6	1.5"	1.09"	.88	1.1	
A7	77	A7	1.5"	1.09"	.88	1.1	
A8	36	A8	2-1"	.88"	.84	1.2	
A9	54	A9	1.5"	.88"	.84	1.2	
A10	54	A10	1.5"	.88"	.84	1.2	
A11	54	A11	1.5"	.88"	.84	1.2	
A12	77	A12	2"	.59"	.80	1.2	
A13	102	A13	2"	.59"	.80	1.2	
A14	77	A14	2"	.59"	.80	1.2	
A15	77	A15	2"	.59"	.80	1.2	
A16	77	A16	2"	.59"	.80	1.2	



SCALE: 1" = 500'