



SOCCER FIELD 300' X 180'

1-40 FOUR ROW DESIGN

FILE NAME:
DATE: 12-2-06
DRAWN BY:
Hunter Industries
1940 Diamond Street
San Marcos, California 92078

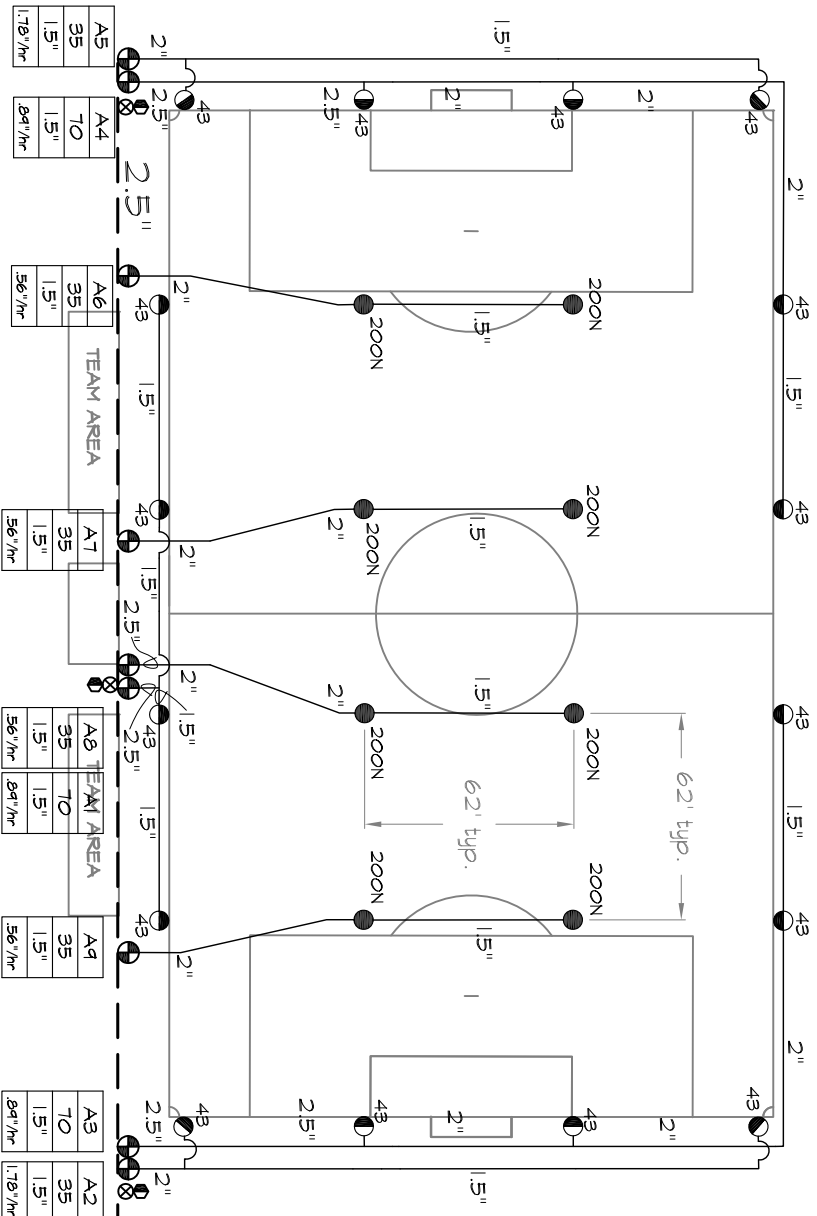
SHEET
1 OF 1

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DUG	SCALE	WISCON
A1	1.5"	70	.84"	83	12	
A2	1.5"	35	1.78"	83	12	
A3	1.5"	70	.84"	83	12	
A4	1.5"	70	.84"	83	12	
A5	1.5"	35	1.78"	83	12	
A6	1.5"	35	.56"	83	12	
A7	1.5"	35	.56"	86	11	
A8	1.5"	35	.56"	86	11	
A9	1.5"	35	.56"	86	11	
A4	1.5"	35	.56"	86	11	

VALVE I.D. GUIDE

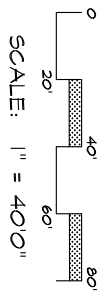
AI	STATION NUMBER	AI	STATION NUMBER
AI	55	AI	55
55	1.5"	55	1.5"
1.5"	507/hr	507/hr	507/hr
507/hr		507/hr	



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/ACV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE CONNECTIONS TO BE WATERPROOF
10. ACV 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 "RS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

WATER REQUIREMENT AT FIELD ELEVATION WITHIN 100' OF FIELD DOWNSIDE OF BACKFLOW IS 70 GPM @ 40 PSI



- PRODUCT DESCRIPTION**
- HUNTER I-40-36S-XX/I-40-6P-36S-XX NOZZLE AS SHOWN
 - HUNTER I-40-ADS-XX/I-40-6P-ADS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- #43 @ 80 PSI - 17.5 GPM 61' RADIUS
 - #200N @ 80 PSI - 22.3 GPM 66' RADIUS
- IRRIGATION LEGEND**
- ⊕ HUNTER ICV/IEV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊙ HUNTER HQ-44-XX-AM QUICK COUPLER VALVE (OPTIONAL)
 - ⊙ HUNTER ICG-1200 SOLID STATE METAL CABINET CONTROLLER
 - ⊙ HUNTER MRFQ WIRELESS RAIN FREEZE SENSOR
 - ⊙ WATER METER MINIMUM SIZE @ 70 GPM 15 1/2"
 - ⊙ BACKFLOW PREVENTER SIZED TO SYSTEM GPM
 - MAINLINE PIPE
 - LATERAL PIPE
 - == SLEEVING
 - ⊗ ISOLATION VALVE LINE SIZED

Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity for any errors or omissions. It is recommended that a qualified irrigation designer be consulted for every site.