

WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF
BACKFLOW IS 65 GPM @ 80
PSI

IRRIGATION LEGEND

PRODUCT DESCRIPTION

● HUNTER I-20-AD-SS-XXI-20-AP-ADS-XX NOZZLE AS SHOWN
● HUNTER I-40-04-SS-XX I-40-06-SS-XX NOZZLE AS SHOWN

NOZZLE PERFORMANCE:

I-20:

#1 @ 50 PSI - 1.2 GPM 31' RADIUS

#2 @ 50 PSI - 2.0 GPM 36' RADIUS

I-40:

#40 @ 70 PSI - 8.5 GPM 46' RADIUS

#42 @ 70 PSI - 13.1 GPM 55' RADIUS

#43 @ 70 PSI - 16.1 GPM 59' RADIUS

⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN

⊙ HUNTER HO-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)

⊙ HUNTER AGC-1200 SOLID STATE METAL CABINET CONTROLLER

⊙ HUNTER SOLAR-SS-INC-SEN ON SITE WEATHER SENSOR

⊙ WATER METER MINIMUM SIZE @ 65 GPM IS 1.5"

⊙ BACKFLOW PREVENTER SIZED TO SYSTEM GPM

— LATERAL PIPE

== SLEEVING

⊕ ISOLATION VALVE LINE SIZED

⊕ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLK TEE "FCT"

IRRIGATION NOTES

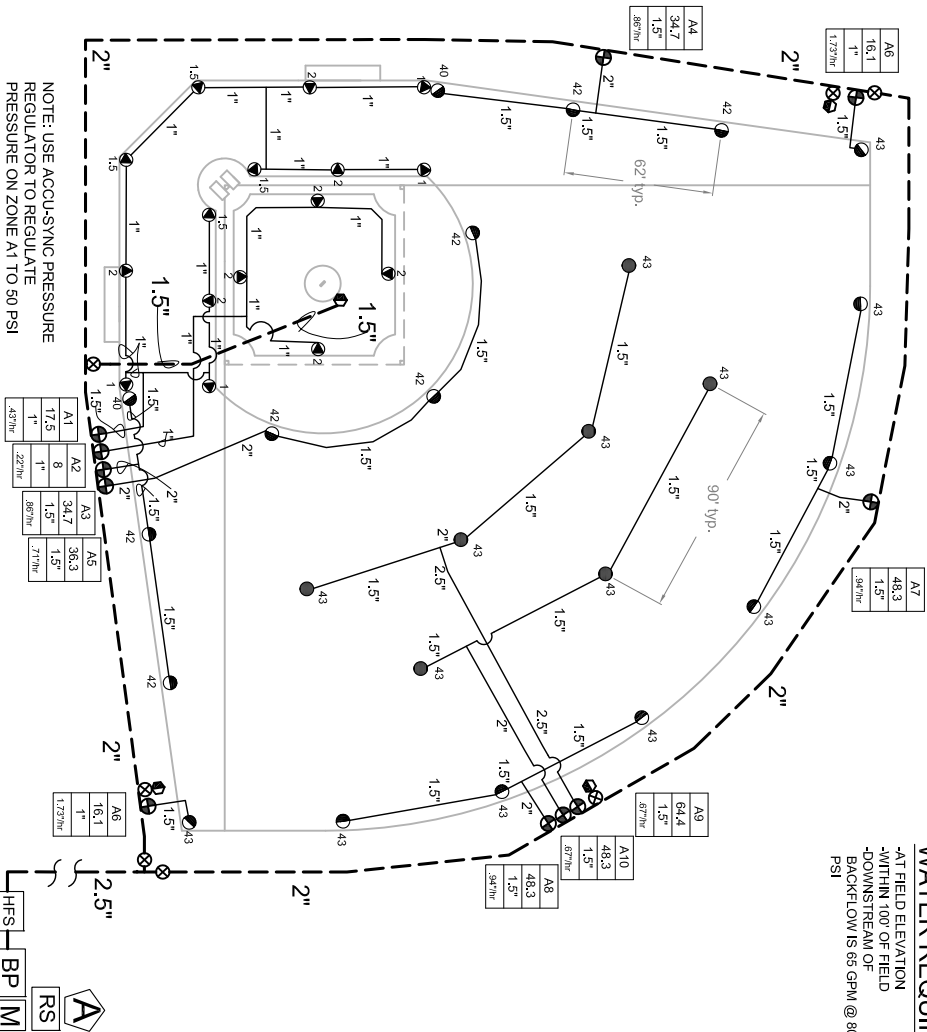
1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 1" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/OCVs OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE 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

VALVE ID GUIDE

AI	STATION NUMBER
55	GPM
1.5"	VALVE SIZE
.807W	PRECIPITATION RATE

SYSTEM PERFORMANCE DATA

ZONE SIZE	FLOW PR	DU	SC ₁₀₀₀ (GPM)
A1	1"	17.5	.43" .81 1.2
A2	1"	8	.22" .82 1.3
A3	1.5"	34.7	.86" .80 1.3
A4	1.5"	34.7	.86" .80 1.3
A5	1.5"	36.3	.71" .85 1.3
A6	2-1"	32.2	1.73" .75 1.4
A7	1.5"	48.3	.94" .75 1.4
A8	1.5"	48.3	.94" .75 1.4
A9	1.5"	64.4	.87" .82 1.2
A10	1.5"	48.3	.67" .82 1.2



Hunter®

OFFICIAL LITTLE LEAGUE FIELD

I-40 FOUR ROW DESIGN
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

Hunter Industries offers this plan as a general guide for estimating purposes and does not intend to be 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.