

WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF
-BACKFLOW IS 68.0 GPM @
80 PSI

IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-20-04-SS-XX/120-06-SS-XX NOZZLE AS SHOWN
 - HUNTER I-40-04-SS-XX/140-06-SS-XX NOZZLE AS SHOWN
 - HUNTER I-40-04-SS-XX/140-06-SS-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
- I-20:
- #1.5 @ 45 PSI - 1.5 GPM 31' RADIUS
 - #2.0 @ 45 PSI - 2.0 GPM 34' RADIUS
 - #3.0 @ 45 PSI - 2.0 GPM 38' RADIUS
- I-40:
- #8 @ 70 PSI - 10.0 GPM 47' RADIUS
 - #13 @ 70 PSI - 13.3 GPM 52' RADIUS
 - #15 @ 70 PSI - 16.6 GPM 57' RADIUS
 - #18 @ 70 PSI - 16.6 GPM 60' RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HO-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SENS-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 68.0 GPM IS 1.5"
- BACKFLOW PREVENTER SIZED TO SYSTEM GPM
- LATERAL PIPE
- SLUEVING
- ⊞ 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/ICV'S 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

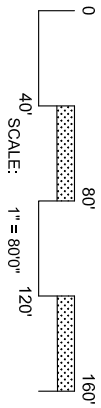
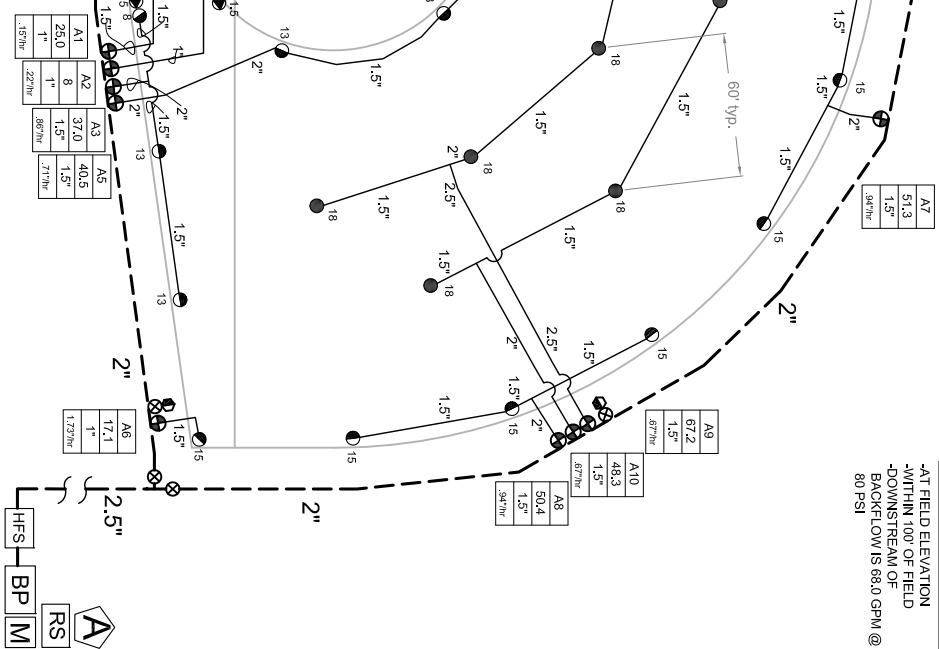
VALVE ID GUIDE

STATION NUMBER	SIZE	VALVE TYPE	PRECIPITATION RATE
A1	1"	55	25.0
A2	1.5"	55	25.0
A3	1.5"	55	25.0
A4	1.5"	55	25.0
A5	1.5"	55	25.0
A6	1.5"	55	25.0
A7	1.5"	55	25.0
A8	1.5"	55	25.0
A9	1.5"	55	25.0
A10	1.5"	55	25.0

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC ₁₀₀ (GAL/HR)
A1	1"	8.0	1.5'	.81	1.2
A2	1"	8.0	2.2'	.82	1.3
A3	1.5"	37.0	.86'	.80	1.3
A4	1.5"	37.0	.86'	.80	1.3
A5	1.5"	40.5	.71'	.85	1.3
A6	2-1"	34.2	1.79'	.75	1.4
A7	1.5"	50.4	.94'	.75	1.4
A8	1.5"	50.4	.94'	.75	1.4
A9	1.5"	67.2	.67'	.72	1.4
A10	1.5"	48.3	.67'	.72	1.4

NOTE: USE ACCLUSYNCH PRESSURE REGULATOR TO REGULATE PRESSURE ON ZONE A1 TO 50 PSI



Hunter Industries designs this plan as a general guide for advertising purposes and does not intend to express or implied for projects installed from the plan. Because of the many variables of every system and of every site we recommend that a qualified irrigation designer be consulted.

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
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