

WATER REQUIREMENT

-AT FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF
-BACKFLOW IS 66 GPM @ 80
PSI

IRRIGATION LEGEND

PRODUCT DESCRIPTION
HUNTER I-20-ADS-XX-I-20-AP-ADS-XX NOZZLE AS SHOWN
HUNTER I-40-4-SS-XX-I-40-06-SS-XX NOZZLE AS SHOWN
NOZZLE PERFORMANCE:
I-20:
#1 @ 50 PSI - 1.0 GPM 18" RADIUS
#2 @ 50 PSI - 2.0 GPM 36" RADIUS
#1.5 @ 50 PSI - 1.5 GPM 25" RADIUS
I-40:
#40 @ 60 PSI - 8.5 GPM 46" RADIUS
#42 @ 70 PSI - 13.1 GPM 55" RADIUS
#43 @ 70 PSI - 16.1 GPM 59" RADIUS
#44 @ 70 PSI - 21.8 GPM 65" RADIUS

HUNTER ICV/BY ELECTRIC CONTROL VALVE SIZE AS SHOWN
HUNTER HO-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
HUNTER IC-1200 SOLID STATE CONTROLLER
HUNTER SOLAR-SS-NC-SEN ON SITE WEATHER SENSOR
WATER METER MINIMUM SIZE @ 66 GPM IS 1.5"
BACKFLOW PREVENTER SIZED TO SYSTEM GPM
MAINLINE PIPE
LATERAL PIPE
SLEEVING
ISOLATION VALVE LINE SIZED

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. ICV 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

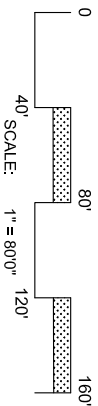
A1	STATION NUMBER
55	GPM
1.5"	VALVE SIZE
50% ^{PR}	PRECIPITATION RATE

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC	IN/HR
A1	1"	17.5	.43"	.81	1.3	1.3
A2	1"	8.9	.22"	.82	1.3	1.3
A3	1.5"	34.7	.66"	.80	1.3	1.3
A4	1.5"	34.7	.66"	.80	1.3	1.3
A5	1.5"	34.7	.66"	.80	1.3	1.3
A6	1.5"	34.7	.66"	.80	1.3	1.3
A7	1.5"	48.3	.94"	.75	1.4	1.4
A8	1.5"	48.3	.94"	.75	1.4	1.4
A9	1.5"	65.4	.94"	.78	1.4	1.4

NOTE: USE ACCL-SYNCH PRESSURE
REGULATOR TO REGULATE PRESSURE ON
ZONE 1 TO 50 PSI

A
RS
BP
M



Hunter®

OFFICIAL LITTLE LEAGUE FIELD

I-40 THREE ROW DESIGN

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SHEET

1 OF 1

Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, 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.