

## WATER REQUIREMENT

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

## IRRIGATION LEGEND

PRODUCT DESCRIPTION  
 HUNTER I-20-ADS-XX/I-20-6P-ADS-XX NOZZLE AS SHOWN  
 HUNTER I-25-04-SS-XX/I-25-06-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-25:  
 #5 @ 70 PSI - 5.6 GPM 46' RADIUS  
 #7 @ 70 PSI - 7.9 GPM 49' RADIUS  
 #10 @ 70 PSI - 12.1 GPM 53' RADIUS  
 #15 @ 70 PSI - 15.2 GPM 57' RADIUS

- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 61 GPM IS 1.5"
- 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

- SPRINKLER LOCATIONS ARE TO SCALE
- PIPE LOCATIONS ARE DIAGRAMMATIC
- ALL SPRINKLERS TO BE INSTALLED ON 1" SCH 80 SWING JOINTS
- ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
- MAINLINE DEPTH TO BE NO LESS THAN 18"
- LATERAL DEPTH TO BE NO LESS THAN 16"
- ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
- LOCATE VALVES/QCV'S OUT OF HIGH TRAFFIC AREAS
- WIRE SPlice CONNECTIONS TO BE WATERPROOF
- QCV TO BE LOCATED IN 10" VALVE BOX
- ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
- INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
- REFER TO HUNTER INSTALLATION DETAILS
- REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
- ADD HUNTER "FS" FOR DIRTY WATER VALVE
- ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

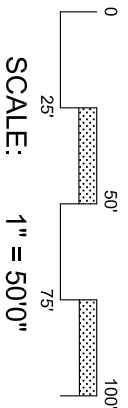
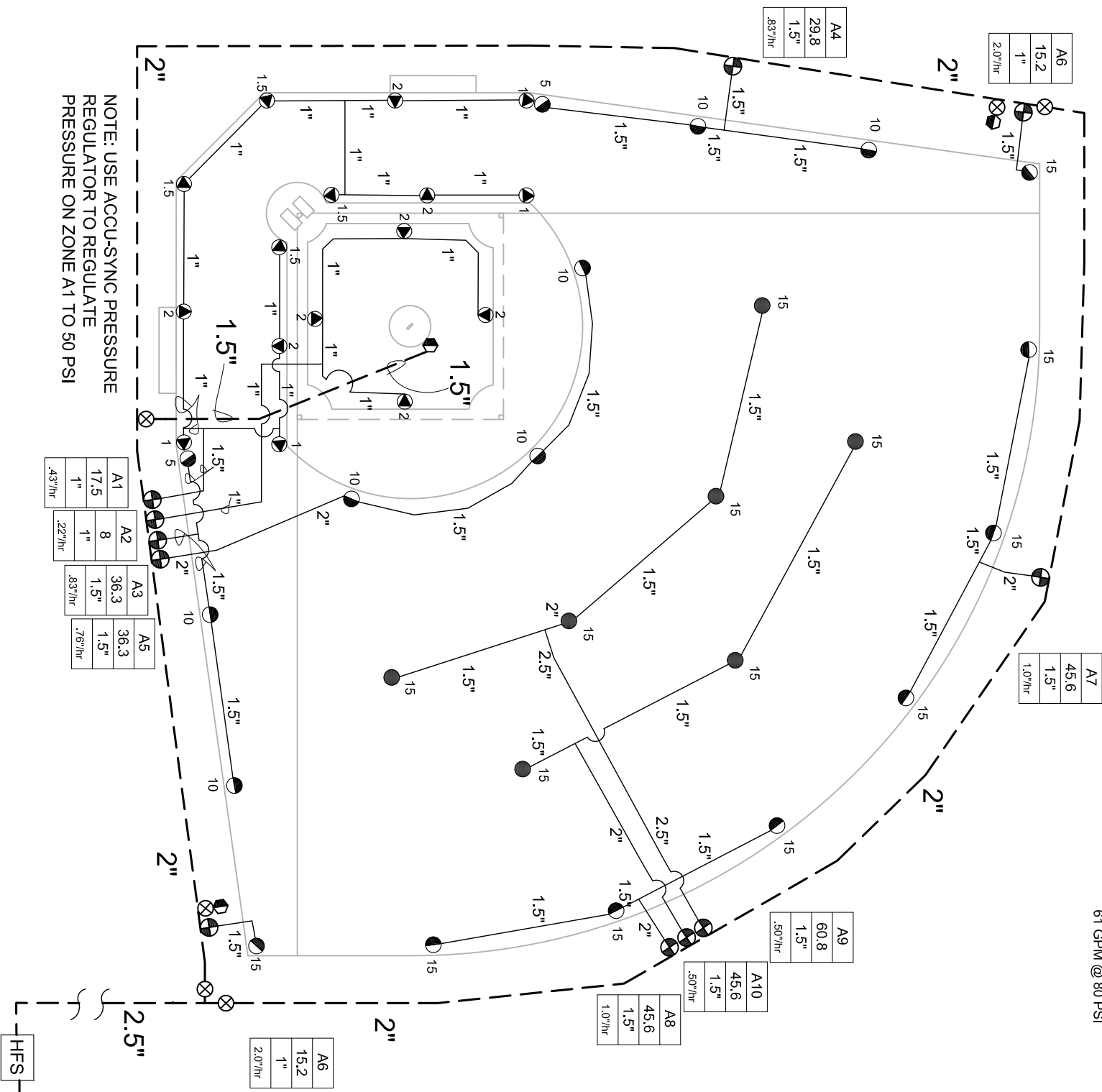
## VALVE ID GUIDE

A1	STATION NUMBER	A2	VALVE SIZE	A3	PRECIPITATION RATE
	55	1.5"			.507/hr

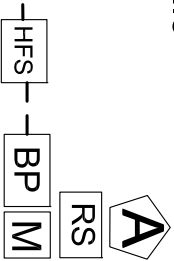
## SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC <sub>(100% WINDOWN)</sub>
A1	1"	17.5	.43"	.81	1.2
A2	1"	8	.22"	.82	1.3
A3	1.5"	29.8	.83"	.85	1.1
A4	1.5"	29.8	.83"	.85	1.1
A5	1.5"	36.3	.76"	.85	1.1
A6	2-1"	30.4	2.0"	.84	1.2
A7	1.5"	45.6	1.0"	.84	1.2
A8	1.5"	45.6	1.0"	.84	1.2
A9	1.5"	60.8	1.5"	.84	1.2
A10	1.5"	45.6	1.5"	.84	1.2

NOTE: USE ACCU-SYNC PRESSURE REGULATOR TO REGULATE PRESSURE ON ZONE A1 TO 50 PSI



SCALE: 1" = 50'0"



OFFICIAL LITTLE LEAGUE FIELD  
 I-25 FOUR ROW DESIGN  
 LOOPED MAINLINE

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