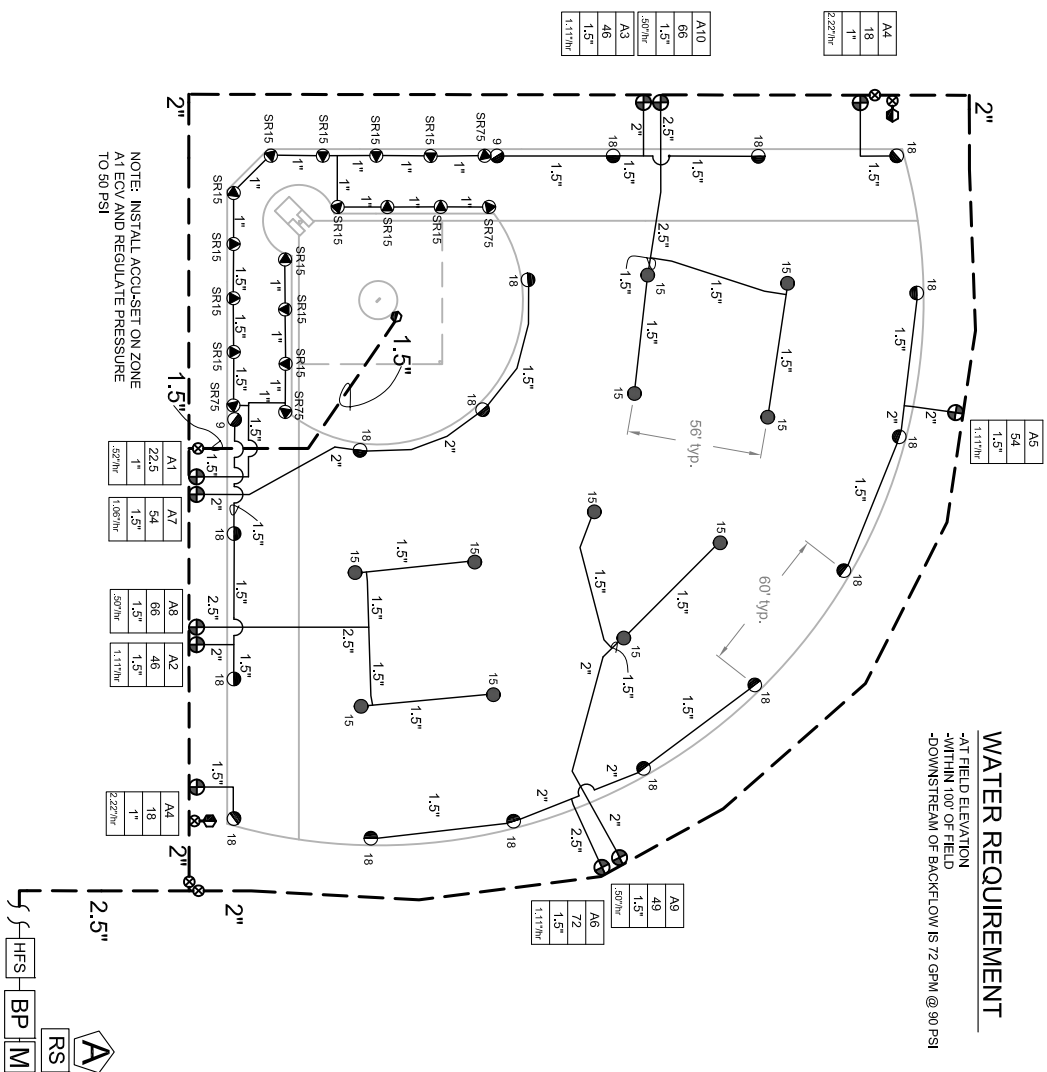


WATER REQUIREMENT

-A1 FIELD ELEVATION
-WITHIN 100' OF FIELD
-DOWNSTREAM OF BACKFLOW IS 72 GPM @ 90 PSI



NOTE: INSTALL ACQUASET ON ZONE A1 ECV AND REGULATE PRESSURE TO 50 PSI

IRRIGATION LEGEND

PRODUCT DESCRIPTION

- HUNTER I-20-ADS-XXI-20-6F-ADS-XX NOZZLE AS SHOWN
- HUNTER I-35-06-SS-XX NOZZLE AS SHOWN
- HUNTER I-35-06-SS-XX NOZZLE AS SHOWN

NOZZLE PERFORMANCE:

L20:
#SR 1.5 @ 50 PSI - 1.5 GPM 25' RADIUS
#SR 7.5 @ 50 PSI - 7.5 GPM 25' RADIUS

L25:
#SR 7.0 PSI - 9.9 GPM 51' RADIUS
#SR 8.0 PSI - 16.5 GPM 61' RADIUS
#SR 18 @ 80 PSI - 18.2 GPM 63' RADIUS

- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-4AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-S-SYNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 72 GPM IS 2.0"
- 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/ICV'S OUT OF HIGH TRAFFIC AREAS
- WIRE SPLICE CONNECTIONS TO BE WATERPROOF
- OCV 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 SYSTEM PERFORMANCE DATA

VALVE ID	STATION NUMBER	ZONE	SIZE	FLOW	PR	DU	SC
A1	55	GPM	VALVE SIZE	PRECIPITATION RATE			(%)/MINIMUM
A1	22.5	1.5"	55	33"	.85	1.2	
A2	46	1.5"	46	1.11"	.82	1.2	
A3	48	1.5"	48	1.11"	.82	1.2	
A4	2-1"	1.5"	18	2.22"	.82	1.2	
A5	54	1.5"	54	1.11"	.82	1.2	
A6	72	1.5"	72	1.11"	.86	1.1	
A7	54	1.5"	54	1.11"	.86	1.1	
A8	66	1.5"	66	.50"	.86	1.1	
A9	49	1.5"	49	.50"	.86	1.1	
A10	66	1.5"	66	.50"	.86	1.1	

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.



OFFICIAL SOFTBALL FIELD
I-35 FOUR ROW DESIGN
LOOPED MAINLINE

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SHEET
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