



Station	Valve Size	Flow (GPM)	Pressure (PSI)
A2	1.5"	34.0	1.91
A3	1.5"	34.0	1.91
A4	1.5"	34.0	1.91
A5	1.5"	34.0	1.91
A1	1.5"	34.0	1.91

- ### IRRIGATION LEGEND
- PRODUCT DESCRIPTION**
- HUNTER I40-04-SS-HS-XX/1-40-04-SS-HS-XX, NOZZLE AS SHOWN
  - HUNTER I40-04-SS-HS-XX/1-40-04-SS-HS-XX, NOZZLE AS SHOWN
  - NOZZLE PERFORMANCE: #15 @ 70 PSI - 16.1 GPM 52' RADIUS
  - HUNTER IC/IVB/ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
  - HUNTER IC-600 SOLID STATE METAL CABINET CONTROLLER
  - HUNTER SOLAR-SYNC-SENSOR ON SITE WEATHER SENSOR
  - WATER METER MINIMUM SIZE @ 34.0 GPM IS 1.5"
  - BACKFLOW PREVENTER SIZED TO SYSTEM GPM
- MAN/LINE PIPE**
- MAN/LINE 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
  - ICV 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

### WATER REQUIREMENT

WATER FIELD ELEVATION WITHIN 10' OF FIELD	SYSTEM FLOW	PR. RATE
34.0 GPM @ 75 PSI	34.0	1.91"
	A2	1.5"
	A3	1.5"
	A4	1.5"
	A5	1.5"
	A1	1.5"

### SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR. RATE
A1	1.5"	34.0	1.91"
A2	1.5"	34.0	1.91"
A3	1.5"	34.0	1.91"
A4	1.5"	34.0	1.91"
A5	1.5"	17.0	.48"

### VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE
A1	1.5"	.50"/hr
RS		
MI		
BP		
HFS		

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.

1 OF 1

SHEET

CLAY TENNIS COURT

I-40 HIGH SPEED DESIGN

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