



A2	102	1.5"	40.6
A3	102	1.5"	20.2

A4	102	1.5"	20.2
A5	51	1.5"	10.1
A1	102	1.5"	40.6

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
HUNTER I-40-04-SS-B-XX/I-40-06-SS-B-XX NOZZLE AS SHOWN
HUNTER I-40-04-SS-B-XX/I-40-06-SS-B-XX NOZZLE AS SHOWN
NOZZLE PERFORMANCE:
#13 @ 5.0 Bars - 51.0 l/min 16.8m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊙ HUNTER HQ44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- ⊙ HUNTER HQ60-04M SOLID STATE METAL CABINET CONTROLLER
- ⊙ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- ⊙ WATER METER MINIMUM SIZE @ 102 l/min IS 32mm
- ⊙ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
- - - LATERAL PIPE
- ≡≡≡ SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- ⊗ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLICK TEE "FCT"

IRRIGATION NOTES

1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 460mm
6. LATERAL DEPTH TO BE NO LESS THAN 410mm
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/ICV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE 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

WATER REQUIREMENTS

FIELD REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 102 l/min @ 5.55 Bars

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DJ	SCV	VALVE
		m ³ /hr	l/min	mm/hr		
A1	1.5"	6.1	102	.82	1.2	
A2	1.5"	6.1	102	.82	1.2	
A3	1.5"	6.1	102	.82	1.2	
A4	1.5"	6.1	102	.82	1.2	
A5	1.5"	3.0	51	.42	1.2	

VALVE ID GUIDE

A1	STATION NUMBER
273	VALVE
1.5"	VALVE SIZE
18.0	PRECIPITATION RATE mm/hr

Hunter Industries offers this plan as a general guide for estimating purposes and offers no liability, expressed or implied, for project installation from this plan. Consistency of the many schedules of order system and of design and construction are the responsibility of the engineer or architect.



GRASS TENNIS COURT

I-40 DESIGN

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SHEET
1 OF 1