

A4	A7
344	338
2"	2"
31.8	14.3

A3	A2
138	57.5
1.5"	207
1.5"	31.8
1.5"	A9
1.5"	135
1.5"	14.3

A1	A10
334	338
2"	2"
31.8	14.3

### IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-40-04-SS-ON-B-XX/I-40-06-SS-ON-B-XX, NOZZLE AS SHOWN
  - HUNTER I-40-04-SS-B-XX/I-40-06-SS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:** 18.0m RADIUS  
#18 @ 5.5 Bars - 68.9 l/min 18.9m RADIUS  
#18 @ 5.5 Bars - 67.5 l/min 18.9m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - ⊕ HUNTER HQ44-XX-AW-QUICK COUPLER VALVE (OPTIONAL)
  - ⊕ HUNTER SOC-1200-5M SOLID STATE METAL CABINET CONTROLLER
  - ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
  - ⊕ WATER METER MINIMUM SIZE @ 338 l/min IS 63mm
  - ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE  
--- LATERAL PIPE  
--- SLEEVING  
⊕ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

### IRRIGATION NOTES

1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMATIC
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/OCVS 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 SPECIFICATIONS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE
15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

### WATER REQUIREMENT

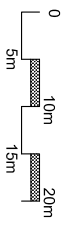
WATER REQUIREMENT AT  
-FIELD ELEVATION  
-WITHIN 30m OF FIELD  
-DOWNSTREAM OF  
-BACKFLOW  
IS 338 l/min @ 6.7 Bars

### VALVE ID GUIDE

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

### SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC
		mm/hr	mm/hr	mm/hr	(100mm/min)
A1	2"	20.0	334	25.1	.83
A2	1.5"	12.4	102	53.5	1.3
A3	1.5"	12.4	102	53.5	1.3
A4	2"	20.0	334	25.1	.83
A5	1.5"	8.3	138	53.5	.83
A6	1.5"	12.4	207	25.1	.83
A7	2"	20.3	338	12.8	.81
A8	1.5"	12.2	203	12.8	.81
A9	1.5"	8.1	135	12.8	.81
A10	2"	20.3	338	12.8	.81



LACROSSE FIELD  
I-40 FIVE ROW DESIGN  
LOOPED MAINLINE

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SHEET  
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