

A4	275	17.7
1.5"		

A4	275	17.7
1.5"		

23.0m typ.

WATER REQUIREMENT
 WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 30M OF FIELD
 -DOWNSTREAM OF BACKFLOW
 IS 275 l/min @ 6.23 Bars

VALVE ID GUIDE

A1	STATION NUMBER
273	l/min
1.5"	VALVE SIZE
19mm/hr	PRECIPITATION RATE mm/hr

A3	138	1.5"	35.3
A2	202	1.5"	17.7
A10	202	1.5"	8.8

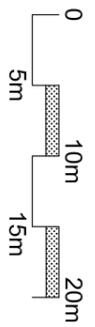
A8	202	1.5"	8.8
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A9	202	1.5"	8.8
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A1	275	1.5"	17.7
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SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	l/min	PR mm/hr	DU	SC (L/100MM ²)
A1	1.5"	16.5	275	17.7	.82	1.3
A2	1.5"	12.1	202	17.7	.82	1.3
A3	1.5"	8.3	138	35.3	.82	1.3
A4	1.5"	16.5	275	17.7	.82	1.3
A5	1.5"	8.3	138	35.3	.82	1.3
A6	1.5"	12.1	202	17.7	.82	1.3
A7	1.5"	12.1	202	8.8	.82	1.3
A8	1.5"	12.1	202	8.8	.82	1.3
A9	1.5"	12.1	202	8.8	.82	1.3
A10	1.5"	12.1	202	8.8	.82	1.3



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:**
 #15 @ 5.5 Bars - 68.9 l/min 18.0m 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 ACC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 275 l/min IS 75mm
 - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - 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 32mm SCH 80 SWING JOINTS
- ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
- MAINLINE DEPTH TO BE NO LESS THAN 460mm
- LATERAL DEPTH TO BE NO LESS THAN 410mm
- ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
- LOCATE VALVES/OCVs 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

Hunter Industries offers this plan as a general guide for estimating purposes and does not inherently, expressly 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.



SOCCER FIELD 75 X 110M
I-40 FIVE ROW DESIGN
LOOPED MAINLINE

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SHEET
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