



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:
- #44 @ 5.5 Bars - 88.5 l/min 20.1m Radius
- HUNTER IGV/BV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW-QUICK COUPLER VALVE (OPTIONAL)
- HUNTER IC-600M SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 177 l/min IS 50mm
- BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
- LATERAL PIPE
- SLEEVING
- ⊗ ISOLATION VALVE LINE SIZED
- ⊗ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLK 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. OCY 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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC-100 RADIUS
A1	1.5"	10.6	177	27.8	.80 1.2
A2	1.5"	10.6	177	57.3	.80 1.2
A3	1.5"	10.6	177	57.3	.80 1.2
A4	1.5"	10.6	177	57.3	.80 1.2
A5	1.5"	5.3	89	13.8	.80 1.2

#18 @ 5.5 Bars - 88.5 l/min 20.1m Radius

WATER REQUIREMENT

WATER REQUIREMENT AT	VALVE ID GUIDE
-FIELD ELEVATION	A1 STATION NUMBER
-WITHIN 30m OF FIELD	273 l/min
-DOWN SLOPE OF	1.5" VALVE SIZE
-BACKSLOPE	180 PRECIPITATION RATE mm/hr
IS 177 l/min @ 6.22 Bars	

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.



LAWN BOWLING
I-40 DESIGN

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SHEET
1 OF 1