



IRRIGATION LEGEND

- PRODUCT DESCRIPTION
HUNTER I-20-04-SS-XXI-20-06-SS-XX
- NOZZLE PERFORMANCE:
#3.5 @ 3.0 Bars - 12.0 l/min 11.3m RADIUS
#6.0 @ 3.0 Bars - 24.0 l/min 13.1m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE
- ⊕ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE
- ⊕ HUNTER ACC-1200-M SOLID STATE METAL CABINET CONTROLLER
- ☀ HUNTER SOLAR SYNC-SEN ON SITE WEATHER SENSOR
- Ⓜ WATER METER MINIMUM SIZE @ 192 l/min IS 50mm
- Ⓜ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MANLINE 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 25mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURER 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/OCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE 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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC
		m ³ /hr	l/min	mm/hr	mm/hr
A1	1.5"	11.5	192	18.3	.79
A2	1.5"	11.5	192	18.3	.79
A3	1.5"	11.5	192	18.3	.79
A4	1.5"	11.5	192	18.3	.79
A5	1.5"	11.5	192	18.3	.79
A6	1.5"	10.1	168	9.9	.79
A7	1.5"	10.1	168	9.9	.79
A8	1.5"	10.1	168	9.9	.79
A9	1.5"	10.1	168	9.9	.79
A10	1.5"	10.1	168	9.9	.79
A11	1.5"	10.1	168	9.9	.79
A12	1.5"	10.1	168	9.9	.79

VALVE ID GUIDE

A1	STATION NUMBER
273	1/In
137	VALVE SIZE
190	PRECIPITATION RATE mm/hr

WATER REQUIREMENT

A1	WATER REQUIREMENT
AT1	-FIELD ELEVATION
	-WITHIN 30m OF FIELD
	-DOWNSTREAM OF
	BACKFLOW
	IS 192 l/min @ 3.93 Bars

Hunter Industries offers this plan as a general guide for engineering purposes and offers no liability, 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.



MULTI-PURPOSE FIELD
I-20 NINE ROW DESIGN
LOOPED MAINLINE

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SHEET

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