IRRIGATION LEGEND

PRODUCT DESCRIPTION

HUNTER I-35-06-SS-B-XX, NOZZLE AS SHOWN
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NOZZLE PERFORMANCE:
#15 @ 5.5 Bars - 61.5 l/min 17.7m RADIUS

HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
HUNTER HQ-44-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 @ 308 l/min IS 63mm
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

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/QCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. QCV 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
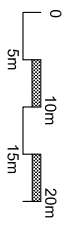
WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF BACKFLOW
IS 308 l/min @ 7.03 Bars

VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m³/hr	FLOW l/min	PR mm/hr	DU	SC (10% window)
A1	2"	18.5	308	25.1	.81	1.3
A2	1.5"	11.1	185	25.1	.81	1.3
A3	1.5"	7.4	123	53.5	.81	1.3
A4	2"	18.5	308	25.1	.81	1.3
A5	1.5"	11.1	185	25.1	.81	1.3
A6	1.5"	7.4	123	53.5	.81	1.3
A7	2"	18.5	308	25.1	.81	1.3
A8	1.5"	11.1	185	25.1	.81	1.3
A9	1.5"	7.4	123	12.8	.81	1.2
A10	2"	18.5	308	12.8	.81	1.2

TEAM AREA

15.4m typ.
18.1m typ.

A8	1.5"
185	53.5
123	1.5"
12.8	A6
25.1	A5

A4	A7
308	308
2"	2"
25.1	12.8

A1	A10
308	308
2"	2"
25.1	2.8

A3	A2
123	53.5
1.5"	1.5"
185	185
25.1	1.5"
1.5"	A9
123	12.8

0 5m 10m 15m 20m

LACROSSE FIELD

I-35 FIVE ROW DESIGN
LOOPED MAINLINE

Hunter®

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