



WATER REQUIREMENT

WATER REQUIREMENT AT

-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 270 l/min @ 5.89 Bars

IRRIGATION LEGEND

PRODUCT DESCRIPTION

HUNTER 140-04-SS-ON-B-XX/140-06-SS-ON-B-XX, NOZZLE AS SHOWN
HUNTER 140-04-SS-B-XX/140-06-SS-B-XX, NOZZLE AS SHOWN

NOZZLE PERFORMANCE:

#18 @ 5.5 Bars - 67.5 l/min 18.9m RADIUS
#43 @ 5.5 Bars - 66.1 l/min 18.6m RADIUS

➤ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN

HUNTER HQ-44-XX-AM QUICK COUPLER VALVE (OPTIONAL)

HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SEE WATER METER MINIMUM SIZE @ 270 l/min IS 63mm

BACKFLOW PREVENTER SIZED TO SYSTEM l_{min}

MAINLINE PIPE
LATERAL PIPE

SLEEVING

ISOLATION VALVE LINE SIZED

NONLINEAR LOW SENSOR IN LINE SIZED LOW CLINICAL

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/OCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPJCE 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 "F5" FOR DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

VALVE ID GUIDE		SYSTEM PERFORMANCE DATA					
		ZONE	SIZE	FLOW	PR	DU	SC ₁ (%)(MM/CM)
A1	STATION NUMBER						
273	1 1/4" VALVE SIZE	A1	2"	15.8	264	21.5	.82
15"		A2	2"	15.8	264	21.5	.82
19	PRECIPITATION RATE mm/hr	A3	2"	15.8	264	21.5	.82
		A4	2"	15.8	264	21.5	.82

Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, expressed or implied, for projects built from this plan. Because of the many variables of every system and of every site we recommend that a qualified irrigation designer be consulted.