

- IRRIGATION LEGEND**
- PRODUCT DESCRIPTION**
- HUNTER I20-04-SS-XX11-20-06-SS-XX, NOZZLE AS SHOWN
 - NOZZLE PERFORMANCE:
#3.5 @ 3.0 Bars - 12.0 l/min 11.3m RADIUS
#8.0 @ 3.0 Bars - 24.0 l/min 13.1m RADIUS
 - ⊕ HUNTER ICV/IEV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊕ HUNTER HQ-44-XX-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊕ HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - ⊕ WATER METER MINIMUM SIZE @ 192 LPM IS 50mm
 - ⊕ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - ⊕ MAINLINE PIPE
 - ⊕ LATERAL PIPE
 - ⊕ SLEEVING
 - ⊕ ISOLATION VALVE LINE SIZED

- 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 MANUFACTURERS RECOMMENDATIONS
 5. MAINLINE DEPTH TO BE NO LESS THAN 450mm
 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 1'0" 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 l/min	PR m ² /hr	DU	SC (1000mm ² /hr)	
A1	1.5"	110	18.9	.82	1.2	
A2	1.5"	864	144	18.9	.82	1.2
A3	1.5"	110	192	18.9	.82	1.2
A4	1.5"	864	144	18.9	.82	1.2
A5	1.5"	110	192	9.5	.82	1.2
A6	1.5"	110	192	9.5	.82	1.2
A7	1.5"	864	144	9.5	.82	1.2
A8	1.5"	864	144	9.5	.82	1.2
A9	1.5"	864	144	9.5	.82	1.2
A10	1.5"	864	144	9.5	.82	1.2

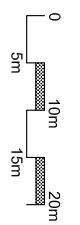
WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF BACKFLOW
IS 192 l/min @ 4.6 Bars

VALVE ID GUIDE

AT	STATION NUMBER
A1	273
A2	15"

VALVE SIZE
PRECIPITATION RATE mm/hr



Hunter Industries offers this plan as a general guide for estimating purposes and offers no warranty, expressed or implied, for projects located 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-20 SEVEN ROW DESIGN

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