

WATER REQUIREMENT
 WATER REQUIREMENT AT
 -FIELD ELEVATION
 -WITHIN 50m OF FIELD
 -DOWNSTREAM OF BACKFLOW
 IS 246 l/min @ 7.14 Bars

VALVE ID GUIDE

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

IRRIGATION LEGEND

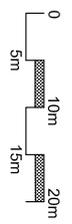
- PRODUCT DESCRIPTION**
- HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX NOZZLE AS SHOWN
 - HUNTER I-23-04-SS-B-XX/I-25-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
 #15 @ 5.5 Bars - 61.5 l/min 17.7m RADIUS
- HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HC-44-XX-AM QUICK COUPLER VALVE (OPTIONAL)
 - HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- Ⓜ WATER WETTER MINIMUM SIZE @ 246 l/min 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 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 410mm
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. ICV 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 SPECIFICATIONS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE
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	DU m	SC (L/HA/HR)
A1	1.5"	14.8	246	31.2	.81
A2	1.5"	14.8	246	31.2	.81
A3	1.5"	7.4	123	43.4	.81
A4	1.5"	14.8	246	31.2	.81
A5	1.5"	7.4	123	43.4	.81
A6	1.5"	7.4	123	9.9	.81
A7	1.5"	14.8	246	9.9	.81
A8	1.5"	7.4	123	9.9	.81



Hunter Industries offers this plan as a general guide for estimating purposes and offers no warranty, expressed or implied, for projects installed from this plan. Schedule of the many variables of every system and of every site we recommend that a qualified engineer be consulted.



SOCCER FIELD
 I-20 FIVE ROW DESIGN

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SHEET
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