



SOCCER FIELD 75 X 110M
I-25 FIVE ROW DESIGN

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SHEET
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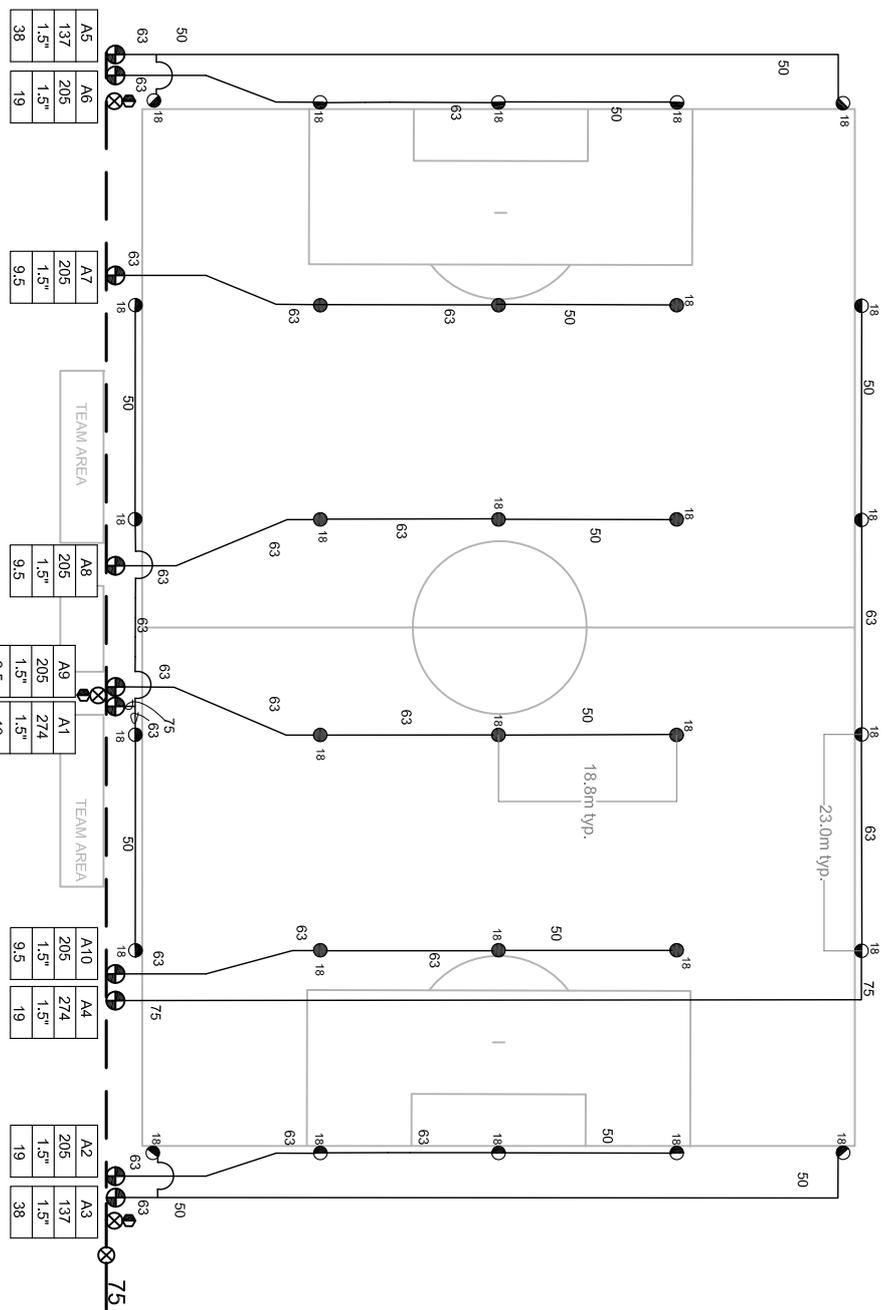
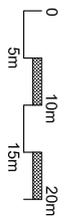
WATER REQUIREMENT
WATER REQUIREMENT AT FIELD ELEVATION
DOWNSTREAM OF BACKFLOW IS 274 l/min @ 5.75 Bars

VALVE ID GUIDE

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

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW RATE l/min	PR mm/hr	DU	SC (%)
A1	1.5"	1233	19	.82	1.3
A2	1.5"	1233	205	.82	1.3
A3	1.5"	982	137	.82	1.3
A4	1.5"	1644	274	.82	1.3
A5	1.5"	982	137	.82	1.3
A6	1.5"	1233	205	.82	1.3
A7	1.5"	1233	205	.82	1.3
A8	1.5"	1233	205	.82	1.3
A9	1.5"	1233	205	.82	1.3
A10	1.5"	1233	205	.82	1.3



- IRRIGATION LEGEND**
- PRODUCT DESCRIPTION**
- HUNTER I-25-04-SS-B-XXI-25-06-SS-B-XX NOZZLE AS SHOWN
 - HUNTER I-25-04-SS-B-XXI-40-06-SS-B-XX NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
#18 @ 5.5 Bars - 66.5 l/min 19.2m RADIUS
- ⊕ HUNTER IC/IVBY ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊕ HUNTER HO-44-XX-AW-QUICK COUPLER VALVE (OPTIONAL)
 - ⊕ HUNTER IC-1200-A SOLID STATE METAL CABINET CONTROLLER
 - ⊕ HUNTER SOLAR SYNC-SEN ON SITE WEATHER SENSOR
 - ⊕ WATER METER MINIMUM SIZE @ 274 l/min IS 63mm
 - ⊕ WATER METER PREVENTER SIZED TO SYSTEM l/min
 - ⊕ 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 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 SPLICE 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

Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, 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.