



**SOCCKER FIELD 75 x 110M**  
**I-25 FIVE ROW DESIGN**  
**LOOPED MAINLINE**

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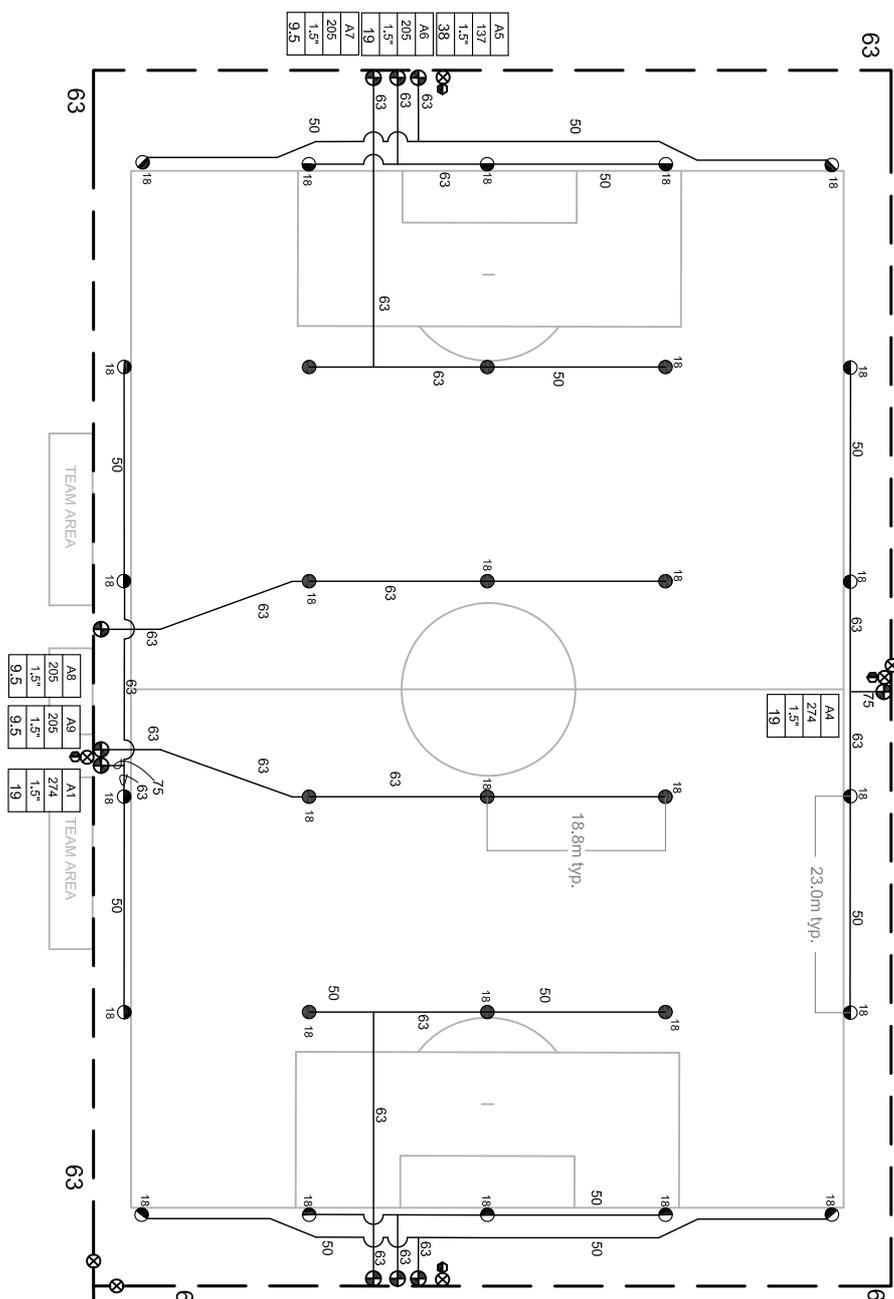
**SHEET**  
**1 OF 1**

**WATER REQUIREMENT**  
WATER REQUIREMENT AT  
-FIELD ELEVATION  
-WITHIN 30M OF FIELD  
-DOWNSTREAM OF BACKFLOW  
IS 274 l/min @ 6.3 Bars

**VALVE ID GUIDE**

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

A3	137
A4	137
A5	137
A6	137
A7	137
A8	137
A9	137
A10	137
A11	137
A12	137
A13	137
A14	137
A15	137
A16	137
A17	137
A18	137
A19	137
A20	137
A21	137
A22	137
A23	137
A24	137
A25	137
A26	137
A27	137
A28	137
A29	137
A30	137



**IRRIGATION LEGEND**

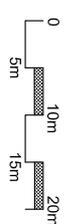
- PRODUCT DESCRIPTION
- HUNTER I-25-04-SS-B-XXI-125-06-SS-B-XX, NOZZLE AS SHOWN
- HUNTER I-25-04-SS-B-XXI-125-06-SS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
- #18 @ 5.5 Bars - 68.5 l/min 19.2m RADIUS
- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER IC-1200-M SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 274 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 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/OCVs 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 SPECIFICATIONS
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 m <sup>3</sup> /hr	l/min	PR mm/hr	DU	SC (mm water)
A1	1.5"	16.4	274	19	.82	1.3
A2	1.5"	12.3	205	19	.82	1.3
A3	1.5"	9.82	137	38	.82	1.3
A4	1.5"	9.82	137	38	.82	1.3
A5	1.5"	9.82	137	38	.82	1.3
A6	1.5"	12.3	205	19	.82	1.3
A7	1.5"	12.3	205	19	.82	1.3
A8	1.5"	12.3	205	19	.82	1.3
A9	1.5"	12.3	205	19	.82	1.3
A10	1.5"	12.3	205	19	.82	1.3



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