



LACROSSE FIELD
I-40 FOUR ROW DESIGN

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SHEET
1 OF 1

WATER REQUIREMENT

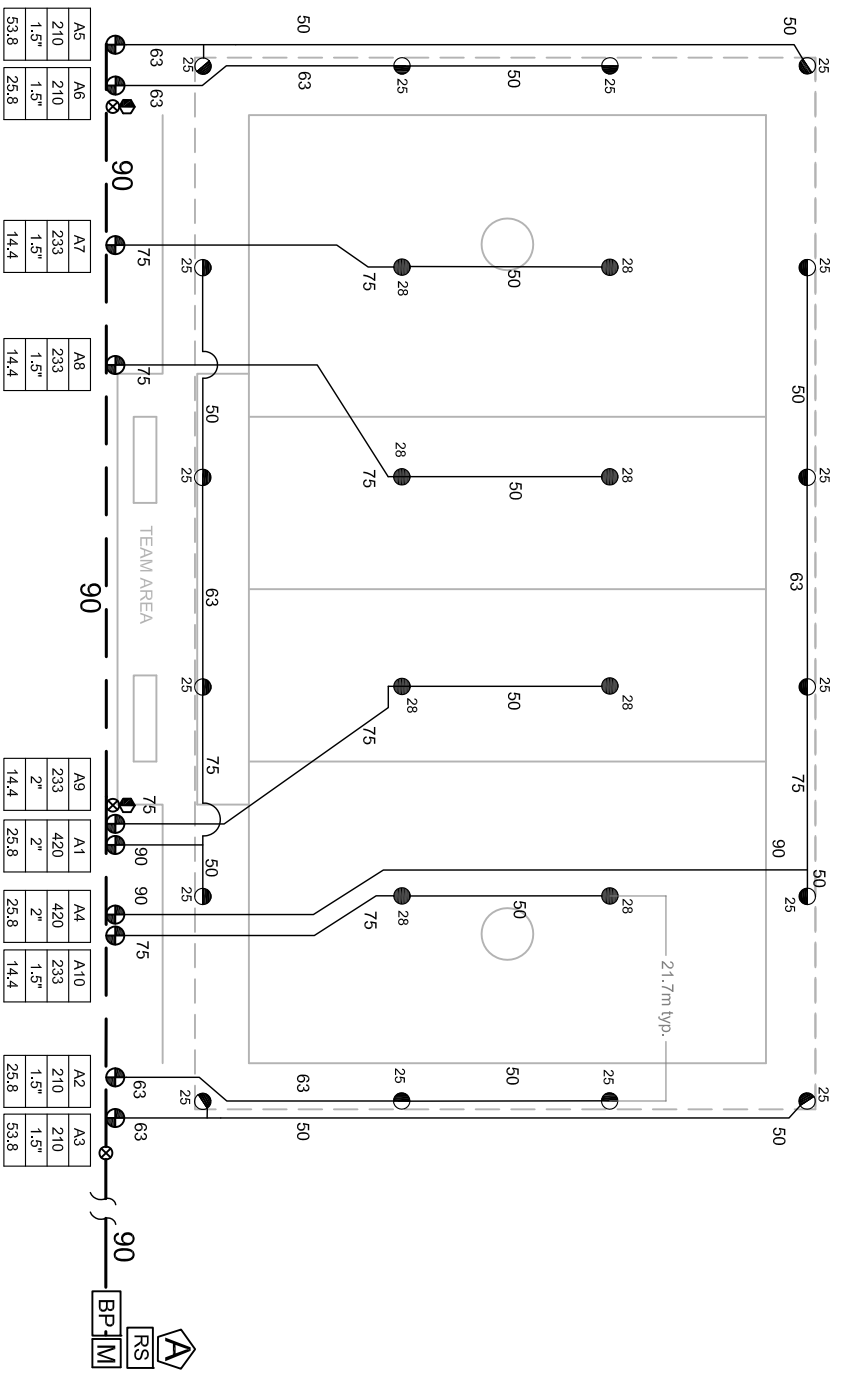
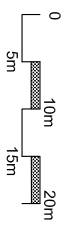
WATER REQUIREMENT AT
FIELD ELEVATION
WITHIN 50m OF FIELD
DOWNSTREAM OF
BACKFLOW
IS 420 l/min @ 6.55 Bars

VALVE ID GUIDE

A1	273	1.5"	25.8
STATION NUMBER	VALVE SIZE	VALVE SIZE	PRECIPITATION RATE mm/hr
l/min	mm	mm	

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC
		l/min	mm/hr	mm	(% INEFFICIENCY)
A1	2"	273	25.8	7.7	1.5
A2	1.5"	126	210	7.7	1.5
A3	1.5"	126	210	7.7	1.5
A4	2"	252	420	7.7	1.5
A5	1.5"	126	210	7.7	1.5
A6	1.5"	126	210	7.7	1.5
A7	1.5"	126	210	7.7	1.5
A8	1.5"	126	210	7.7	1.5
A9	2"	252	420	7.7	1.5
A10	1.5"	126	210	7.7	1.5



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/QCV'S OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE CONNECTIONS TO BE WATERPROOF
10. QCV 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

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
- HUNTER I-40-04-SS-ON-B-XX/I-40-06-SS-ON-B-XX. NOZZLE AS SHOWN
 - HUNTER I-40-04-SS-B-XX/I-40-06-SS-B-XX. NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
- #25 @ 5.5 Bars - 100.2 l/min 21m RADIUS
 - #28 @ 5.5 Bars - 116.7 l/min 21.9m RADIUS
- HUNTER ICV/IBV/ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - HUNTER HQ-44-XX-LW 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 @ 420 l/min IS 63mm
 - BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - MAINLINE PIPE
 - LATERAL PIPE
 - === SLEEVING
 - ⊗ ISOLATION VALVE LINE SIZED

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