



MULTI-PURPOSE FIELD
I-25 SIX ROW DESIGN
LOOPED MAINLINE

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SHEET
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IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-25-04-SS-B-XXII-25-06-SS-B-XX
 - HUNTER I-25-04-SS-B-XXII-25-06-SS-B-XX NOZZLE PERFORMANCE:
#23 @ 5.5 Bars - 96.3 l/min 20.1m RADIUS
 - HUNTER ICV/IBV ELECTRIC CONTROL VALVE
 - HUNTER HQ-44-XX-AW QUICK COUPLER VALVE
 - HUNTER ACC-1800-M SOLID STATE METAL CABINET CONTROLLER
 - HUNTER SOLAR SYNC-SEN ON SITE WEATHER SENSOR
 - WATER METER MINIMUM SIZE @ 385 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 DIAGRAMMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURER 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 SPLICE 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 PRESSURE REGULATED VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

SYSTEM PERFORMANCE DATA

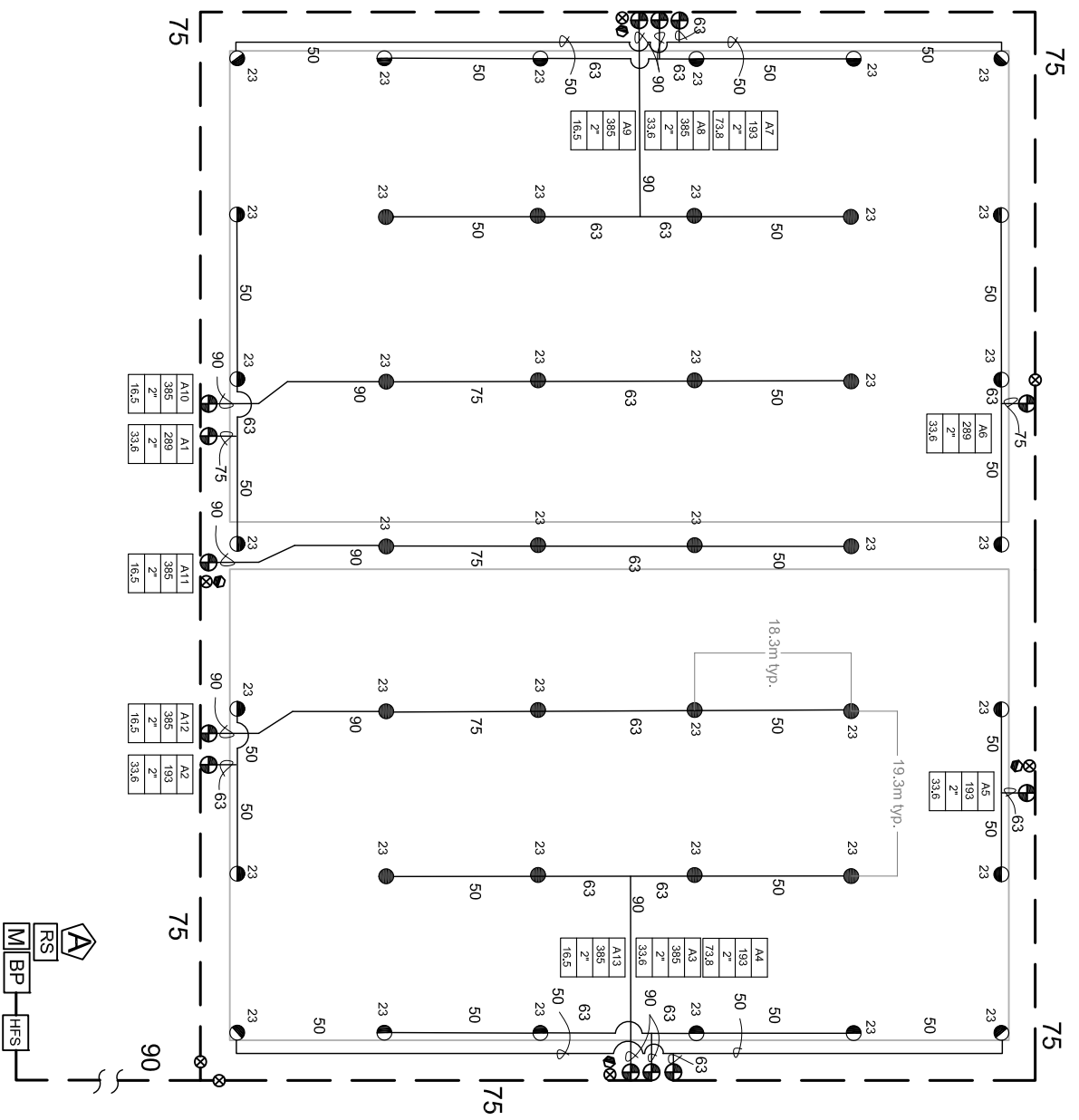
ZONE	SIZE	FLOW l/min	PR mm/hr	DU mm	SC % (1/2" WHEEL)
A1	2"	7.2	489	33.6	1.1
A2	2"	11.7	785	52.1	1.1
A3	2"	23.1	1543	104.2	1.1
A4	2"	11.6	785	52.1	1.1
A5	2"	11.6	193	33.6	1.1
A6	2"	17.3	289	33.6	1.1
A7	2"	11.6	193	33.6	1.1
A8	2"	23.1	385	16.5	1.1
A9	2"	23.1	385	16.5	1.1
A10	2"	23.1	385	16.5	1.1
A11	2"	23.1	385	16.5	1.1
A12	2"	23.1	385	16.5	1.1
A13	2"	23.1	385	16.5	1.1

VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE mm/hr
A1	1.5"	19.0
A7	1.5"	19.0
A13	1.5"	19.0

WATER REQUIREMENT

WATER REQUIREMENT AT:
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
-BACKFLOW
IS 385 l/min @ 6.23 Bars



Hunter Industries offers this plan as a general guide for estimating purposes and does not indemnify, 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.