

WATER REQUIREMENT

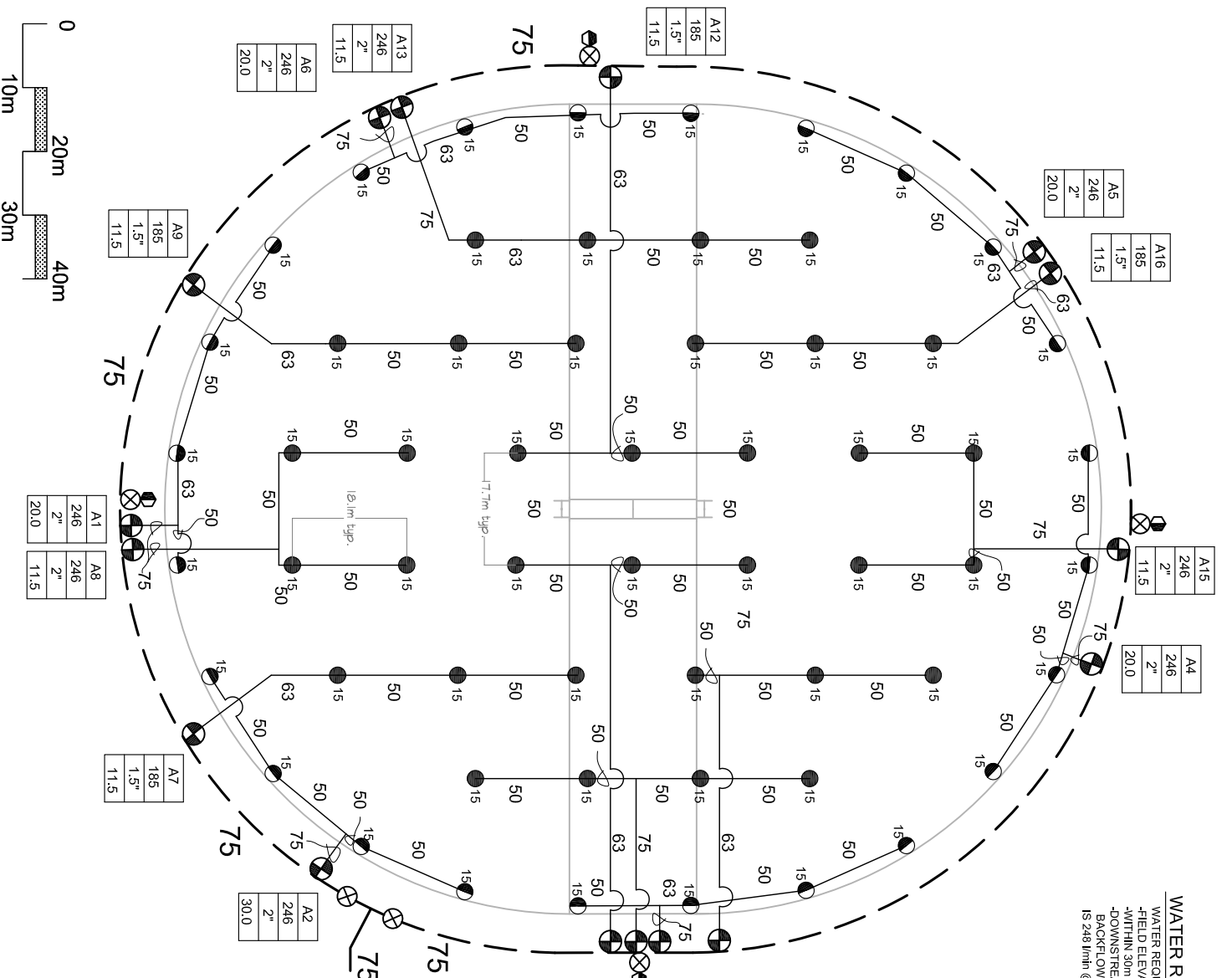
WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 248 l/min @ 5.91 Bars

IRRIGATION LEGEND

- PRODUCT DESCRIPTION
- HUNTER L-25-04-SS-B-XX/1-25-06-SS-B-XX. NOZZLE AS SHOWN
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- NOZZLE PERFORMANCE:
#15 @ 5.5 Bars - 61.5 l/min
17.7m RADIUS
- HUNTER IC/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- HUNTER ACC-1800-M SOLID STATE METAL CABINET CONTROLLER
- HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- WATER METER MINIMUM SIZE @ 246 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 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/COVS OUT OF HIGH TRAFFIC AREAS
9. WIRE SPICE CONNECTIONS TO BE WATERPROOF
10. COV 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



VALVE ID GUIDE

A1	STATION NUMBER
1.5"	273
1.5"	19
PRECIPITATION RATE mm/hr	

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR	DU	SC (%)	WINDOW
A1	2"	14.8	246	20.0	.80	1.2
A2	2"	14.8	246	20.0	.80	1.2
A3	2"	14.8	246	20.0	.80	1.2
A4	2"	14.8	246	20.0	.80	1.2
A5	2"	14.8	246	20.0	.80	1.2
A6	2"	14.8	246	20.0	.80	1.2
A7	1.5"	11.1	185	11.1	.80	1.2
A8	2"	14.8	246	20.0	.80	1.2
A9	1.5"	11.1	185	11.1	.80	1.2
A10	2"	14.8	246	20.0	.80	1.2
A11	1.5"	11.1	185	11.1	.80	1.2
A12	1.5"	11.1	185	11.1	.80	1.2
A13	2"	14.8	246	20.0	.80	1.2
A14	1.5"	11.1	185	11.1	.80	1.2
A15	2"	14.8	246	20.0	.80	1.2
A16	1.5"	11.1	185	11.1	.80	1.2

A14	185	1.5"
A15	11.5	1.5"
A3	246	2"
A10	20.0	2"
A11	185	1.5"
A12	11.5	1.5"

A2	246	2"
A13	246	2"
A6	246	2"
A9	185	1.5"
A1	246	2"
A8	246	2"
A7	185	1.5"
A16	185	1.5"
A5	246	2"
A15	11.5	1.5"

A13	246	2"
A6	246	2"
A9	185	1.5"
A1	246	2"
A8	246	2"
A7	185	1.5"
A16	185	1.5"
A5	246	2"
A15	11.5	1.5"

A5	246	2"
A16	185	1.5"
A15	11.5	1.5"

A16	185	1.5"
A15	11.5	1.5"

A15	246	2"
A4	246	2"
A15	11.5	1.5"

A4	246	2"
A15	11.5	1.5"

A2	246	2"
A13	246	2"
A6	246	2"
A9	185	1.5"
A1	246	2"
A8	246	2"
A7	185	1.5"
A16	185	1.5"
A5	246	2"
A15	11.5	1.5"

A1	273	1.5"
A19	19	1.5"

ZONE	SIZE	FLOW	PR	DU	SC (%)	WINDOW
A1	2"	14.8	246	20.0	.80	1.2
A2	2"	14.8	246	20.0	.80	1.2
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A16	1.5"	11.1	185	11.1	.80	1.2

Hunter Industries offers this plan as a general guide for installation 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.