

IRRIGATION LEGEND

PRODUCT DESCRIPTION

- HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX, NOZZLE AS SHOWN
- HUNTER I-25-04-SS-B-XX/I-25-06-SS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:
#13 @ 4.0 Bars - 45.7 l/min 16.5m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊕ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- ⊕ HUNTER IC-600-M SOLID STATE METAL CABINET CONTROLLER
- ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- ⊕ WATER METER MINIMUM SIZE @ 91 l/min IS 32mm
- ⊕ 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/QCV'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

WATER REQUIREMENT

WATER REQUIREMENT AT

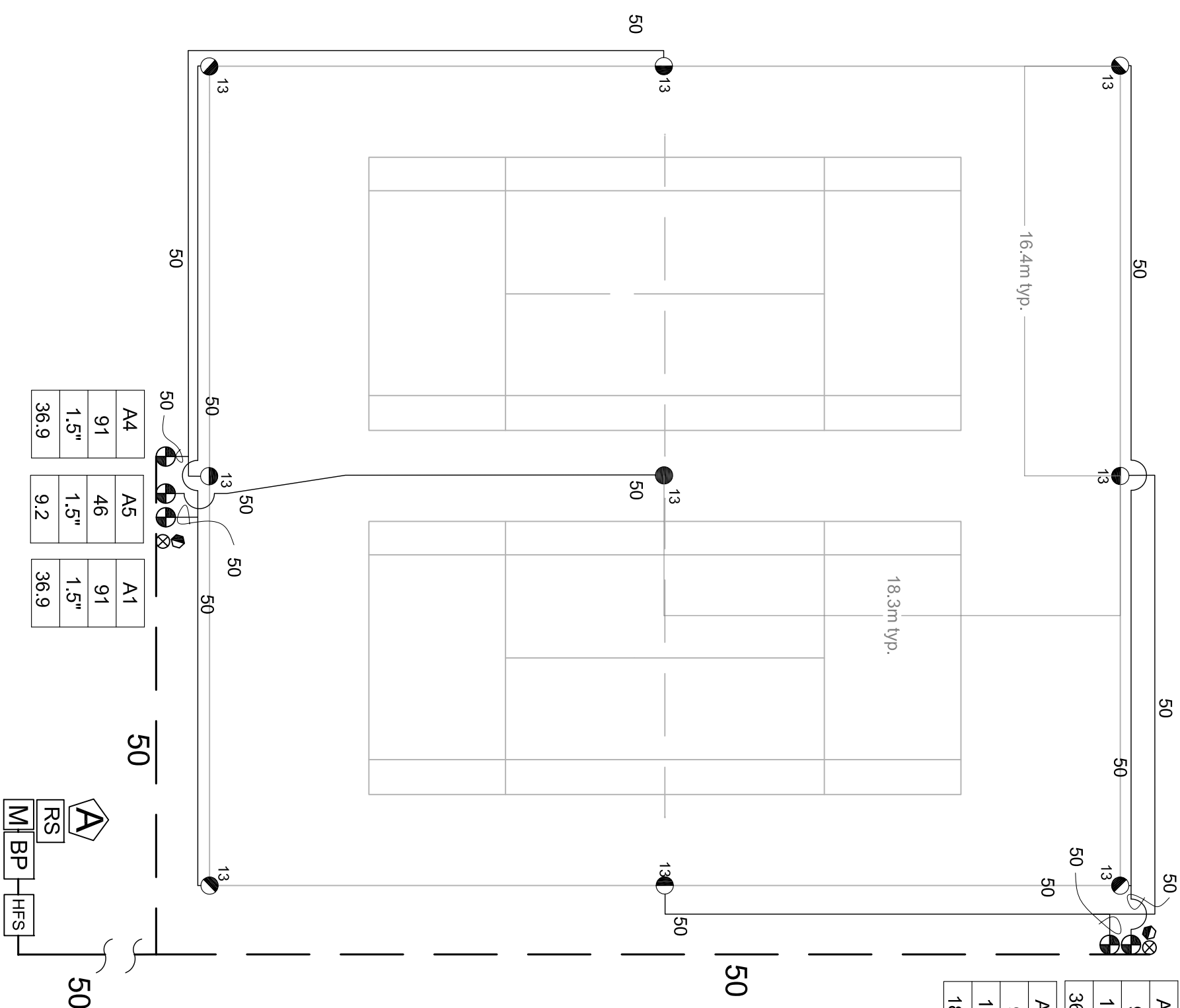
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW/
IS 91 l/min @ 4.54 Bars

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR mm/hr	DU	SC ₁₀₀
A1	1.5"	5.4	36.9	.74	1.3
A2	1.5"	5.4	36.9	.74	1.3
A3	1.5"	5.4	91	.74	1.3
A4	1.5"	5.4	91	.74	1.3
A5	1.5"	2.7	46	.92	1.3

VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE mm/hr
A1	1.5"	19.0
273	1.5"	
A4	1.5"	



A2	91	1.5"	36.9
A3	91	1.5"	18.4

A4	91	1.5"	36.9
A5	46	1.5"	9.2
A1	91	1.5"	36.9

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IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-35-06-SS-B-XX, NOZZLE AS SHOWN
 - HUNTER I-35-06-SS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
#12 @ 4.0 Bars - 45.7 l/min 16.2m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊙ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⚙ HUNTER IC-600-M SOLID STATE METAL CABINET CONTROLLER
 - ☀ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - Ⓜ HUNTER METER MINIMUM SIZE @ 91 l/min IS 32mm
 - Ⓛ WATER FLOW PREVENTER SIZED TO SYSTEM l/min
 - MAINLINE PIPE
 - - - LATERAL PIPE
 - ≡≡≡ SLEEVING
 - ⊗ ISOLATION VALVE LINE SIZED
 - Ⓛ HFS HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

IRRIGATION NOTES

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2. PIPE LOCATIONS ARE DIAGRAMMATIC
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4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
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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 DIRTY WATER VALVE
16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

WATER REQUIREMENT

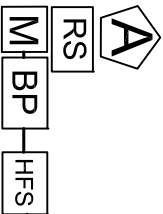
WATER REQUIREMENT AT	ZONE SIZE	FLOW	PR	DU	SC
		m ³ /hr	l/min	mm/hr	mm/min
-FIELD ELEVATION	A1 1.5"	5.4	91	36.9	.83
-WITHIN 30m OF FIELD	A2 1.5"	5.4	91	36.9	.83
-DOWNSTREAM OF BACKFLOW	A3 1.5"	5.4	91	18.4	.83
IS 91 l/min @ 4.54 Bars	A4 1.5"	5.4	91	18.4	.83
	A5 1.5"	2.7	46	9.2	.83
					1.2

SYSTEM PERFORMANCE DATA

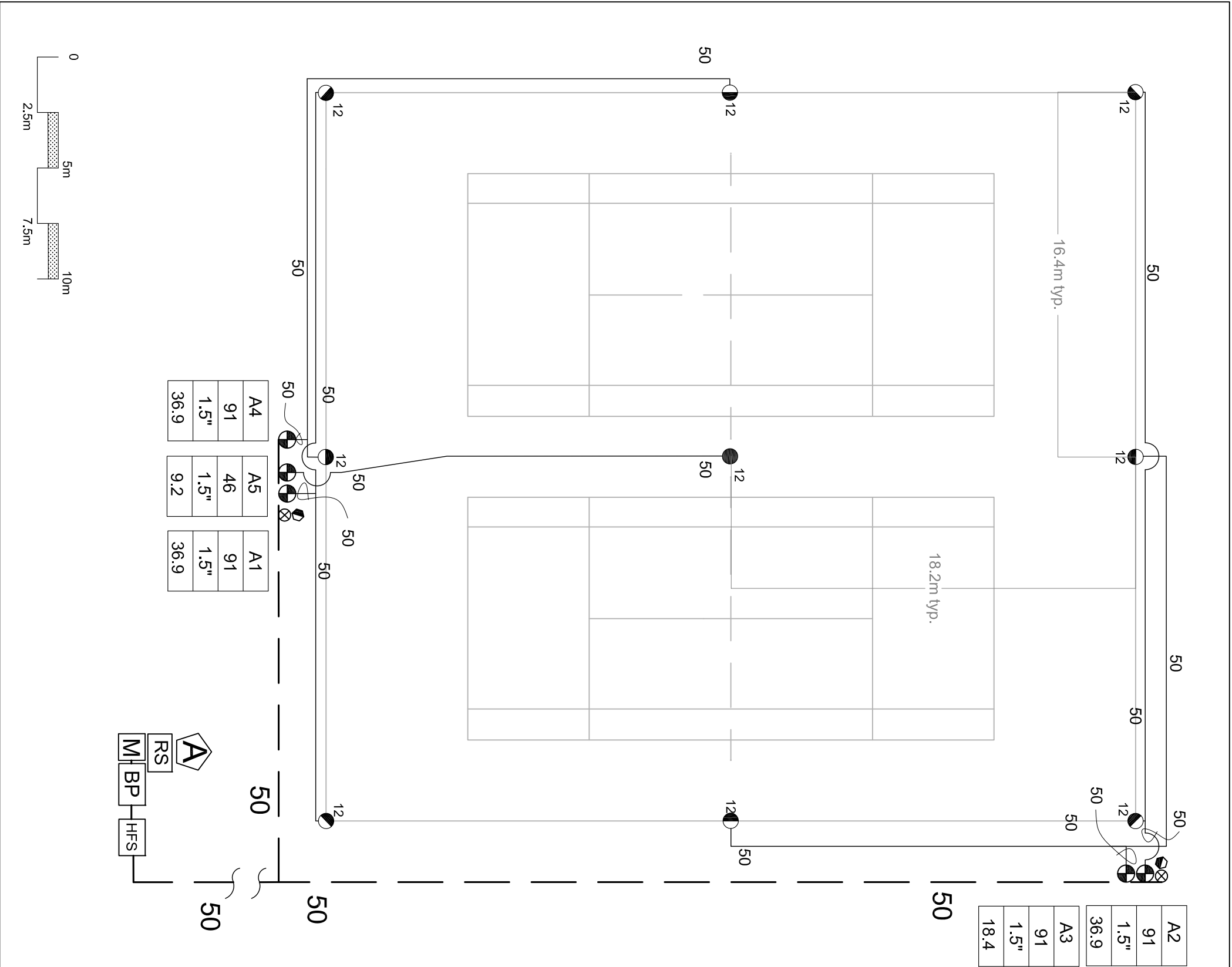
ZONE SIZE	FLOW	PR	DU	SC
	m ³ /hr	l/min	mm/hr	mm/min
A1 1.5"	5.4	91	36.9	.83
A2 1.5"	5.4	91	36.9	.83
A3 1.5"	5.4	91	18.4	.83
A4 1.5"	5.4	91	18.4	.83
A5 1.5"	2.7	46	9.2	.83
				1.2

VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE mm/hr
A1	1.5"	19.0
A2	1.5"	19.0
A3	1.5"	19.0
A4	1.5"	19.0
A5	1.5"	19.0



Station	Valve Size	Precipitation Rate
A4	1.5"	36.9
A5	1.5"	9.2
A1	1.5"	36.9





GRASS TENNIS COURT

I-40 DESIGN

Hunter Industries
1940 Diamond Street
San Marcos, California 92078
SpecPro Technical Assistance
1-800-319-4796
www.HunterIndustries.com

SHEET

1 OF 1

IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-40-04-SS-B-XX/I-40-06-SS-B-XX, NOZZLE AS SHOWN
 - HUNTER I-40-04-SS-B-XX/I-40-06-SS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
#13 @ 5.0 Bars - 50.1 l/min 15.8m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊖ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - △ HUNTER IC-600-M SOLID STATE METAL CABINET CONTROLLER
 - RS HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - M WATER METER MINIMUM SIZE @ 102 l/min IS 32mm
 - BP BACKFLOW PREVENTER SIZED TO SYSTEM l/min
 - MAINLINE PIPE
 - - - LATERAL PIPE
 - ≡≡≡ SLEEVING
 - ⊗ ISOLATION VALVE LINE SIZED
 - HFS HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

IRRIGATION NOTES

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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 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
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15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
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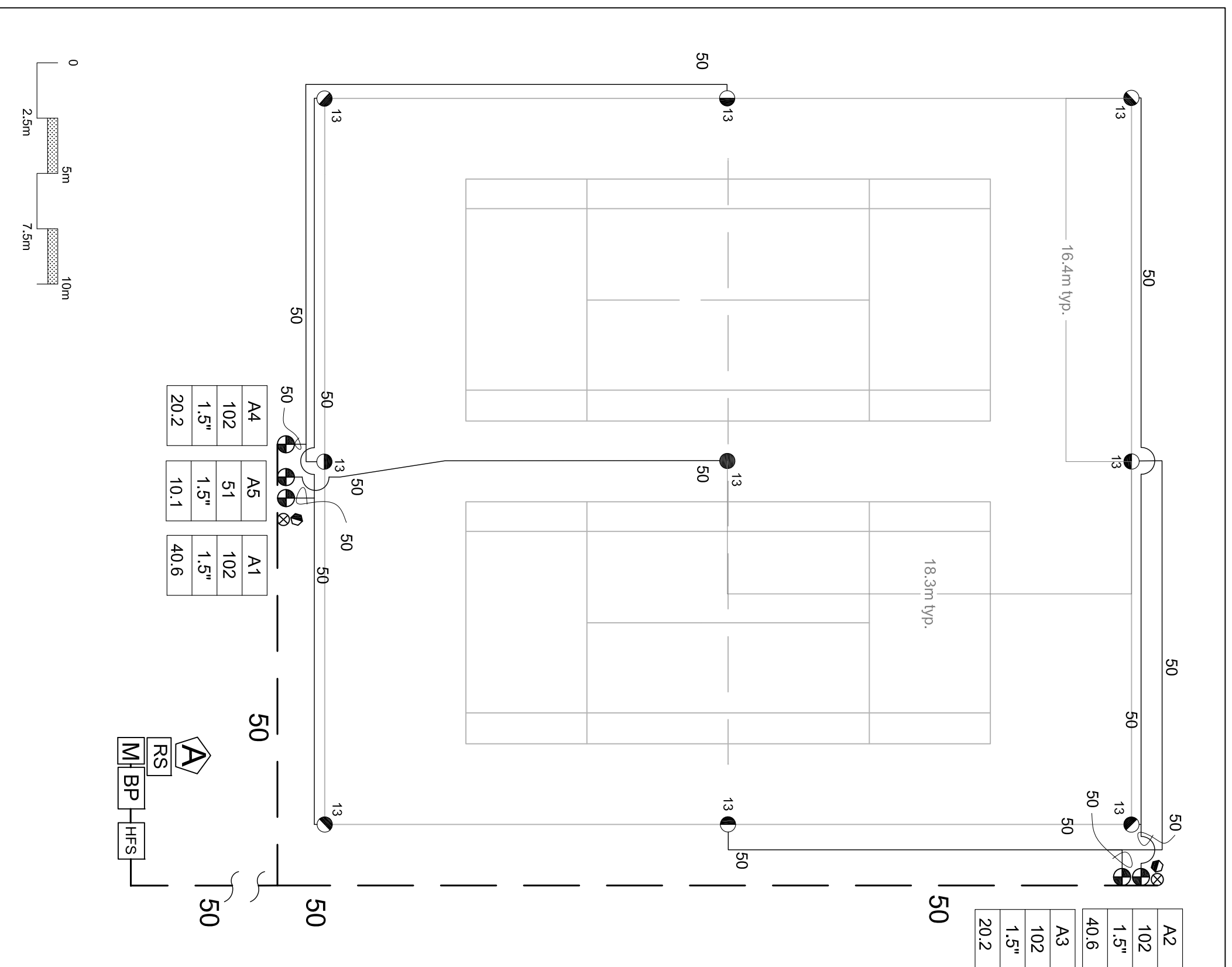
WATER REQUIREMENT

SYSTEM PERFORMANCE DATA

WATER REQUIREMENT AT	ZONE	SIZE	FLOW m ³ /hr	l/min	PR mm/ft	DU	SC (10% WIND)
-FIELD ELEVATION -WITHIN 30m OF FIELD	A1	1.5"	6.1	102	40.6	.82	1.2
-DOWNSTREAM OF BACKFLOW	A2	1.5"	6.1	102	40.6	.82	1.2
IS 102 l/min @ 5.55 Bars	A3	1.5"	6.1	102	20.2	.82	1.2
	A4	1.5"	6.1	102	20.2	.82	1.2
	A5	1.5"	3.0	51	10.1	.82	1.2

VALVE ID GUIDE

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



IRRIGATION LEGEND

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- HUNTER I-25-04-SS-HS-B-XX/I-25-06-SS-HS-B-XX,

NOZZLE PERFORMANCE:

#18 @ 5.0 Bars - 65.2 l/min 16.8m RADIUS

- HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
- Ⓐ HUNTER IC-600-M SOLID STATE METAL CABINET CONTROLLER
- Ⓡ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
- Ⓜ WATER METER MINIMUM SIZE @ 130 l/min IS 50mm
- Ⓛ 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

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WATER REQUIREMENT

WATER REQUIREMENT AT

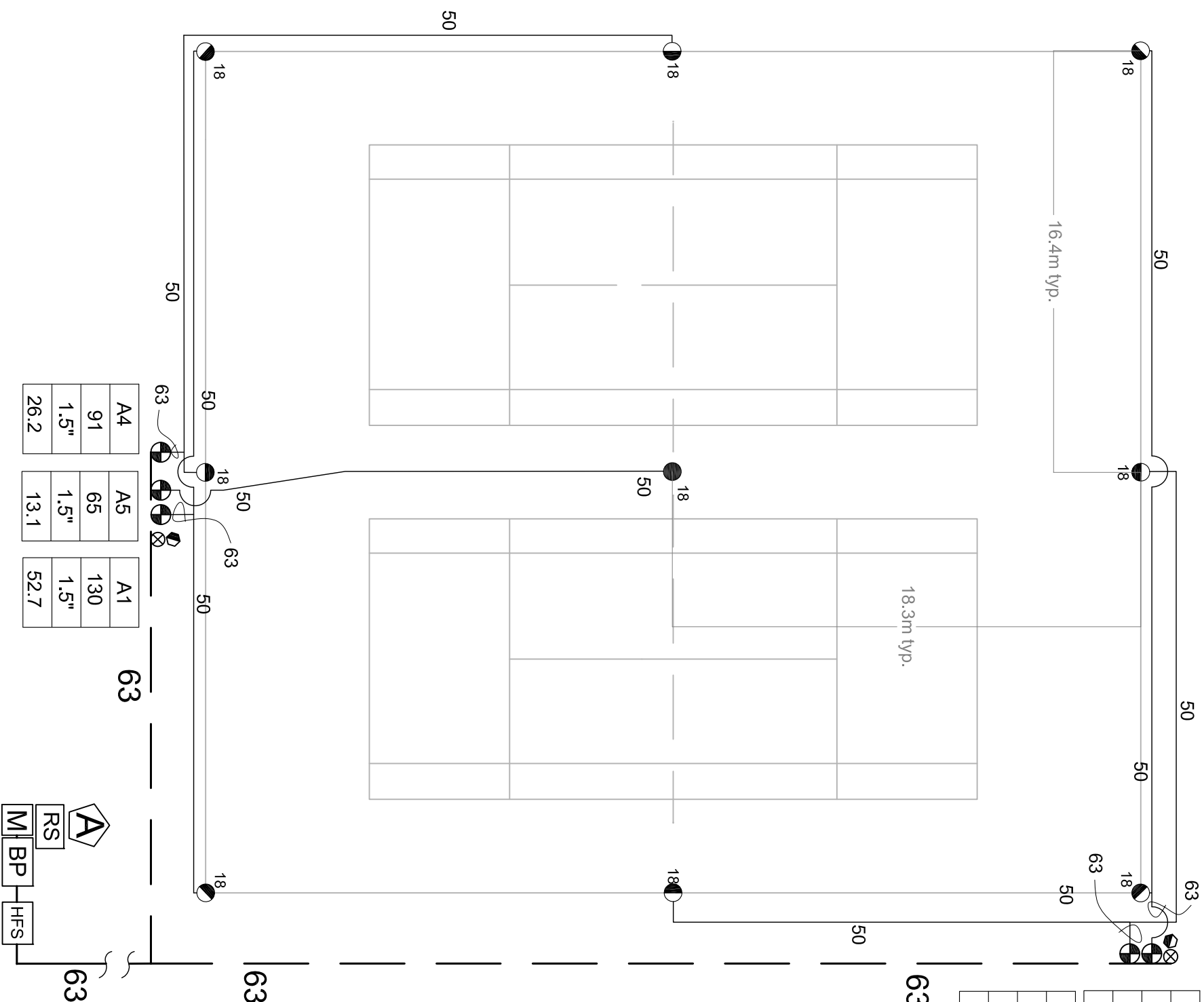
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 130 l/min @ 5.62 Bars

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW	PR
		m ³ /hr	mm/hr
A1	1.5"	7.8	130
A2	1.5"	7.8	130
A3	1.5"	7.8	130
A4	1.5"	7.8	130
A5	1.5"	3.9	65

VALVE ID GUIDE

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



Station	Valve Size	Flow	Pressure
A4	1.5"	91	26.2
A5	1.5"	65	13.1
A1	1.5"	130	52.7

Station	Valve Size	Flow	Pressure
A2	1.5"	130	52.7
A3	1.5"	130	26.2

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CLAY TENNIS COURT

I-35 HIGH SPEED DESIGN

Hunter Industries
1940 Diamond Street
San Marcos, California 92078
SpecPro Technical Assistance
1-800-319-4796
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SHEET
1 OF 1

IRRIGATION LEGEND

PRODUCT DESCRIPTION

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- HUNTER I-35-06-SS-HS-B-XX; NOZZLE AS SHOWN

NOZZLE PERFORMANCE:

#13 @ 5.0 Bars - 65.2 l/min 16.8m RADIUS

- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
- ⊙ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
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- ⊙ BACKFLOW PREVENTER SIZED TO SYSTEM l/min
- MAINLINE PIPE
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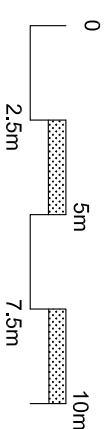
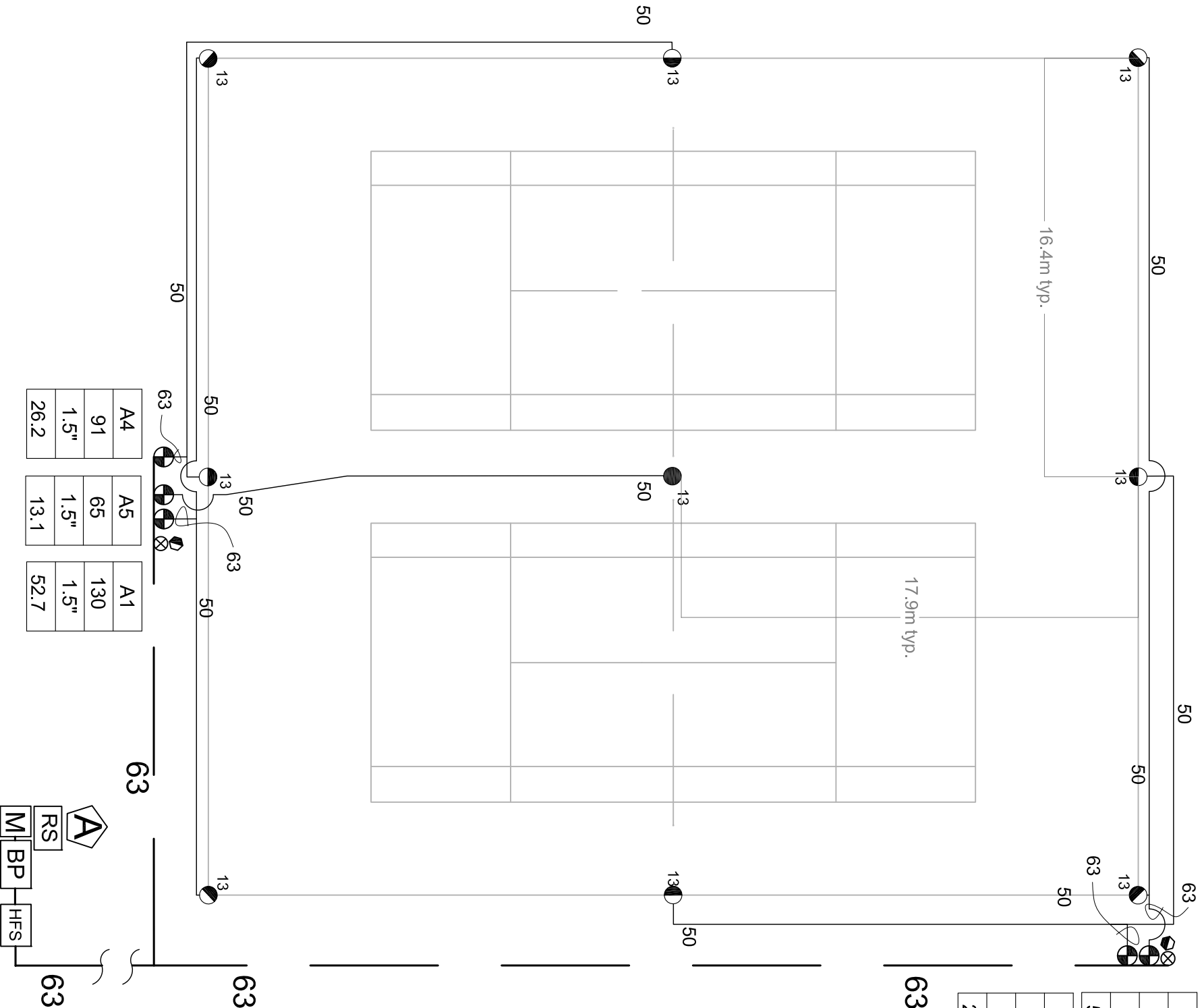
-FIELD ELEVATION
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BACKFLOW/
IS 130 l/min @ 5.62 Bars

SYSTEM PERFORMANCE DATA

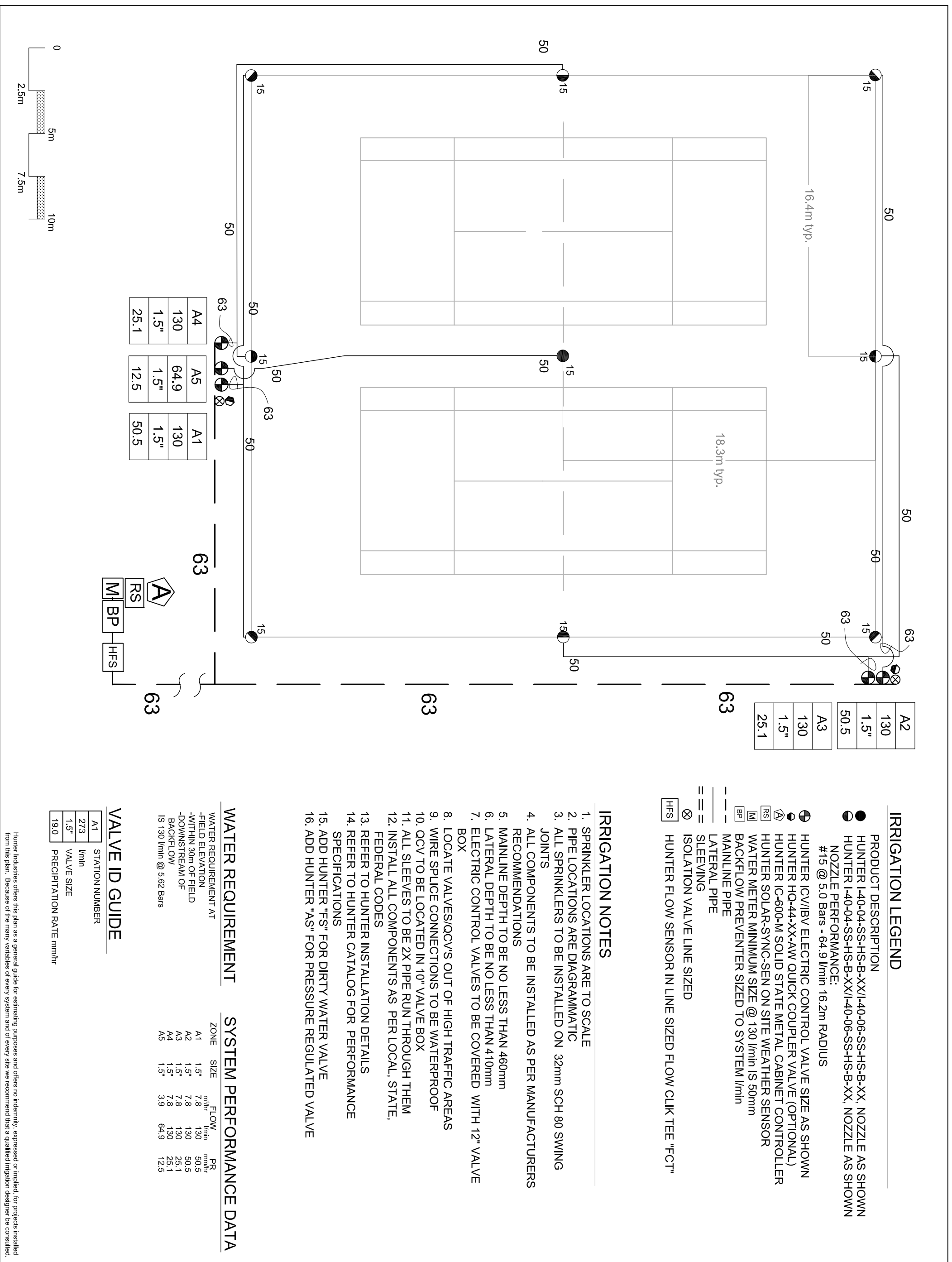
ZONE	SIZE	FLOW m ³ /hr	l/min	PR mm/hr
A1	1.5"	7.8	130	52.7
A2	1.5"	7.8	130	52.7
A3	1.5"	7.8	130	26.2
A4	1.5"	7.8	130	26.2
A5	1.5"	3.9	65	13.1

VALVE ID GUIDE

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



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 - HUNTER I-40-04-SS-HS-B-XX/I-40-06-SS-HS-B-XX, NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**
#15 @ 5.0 Bars - 64.9 l/min 16.2m RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊖ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⚠ HUNTER IC-600-M SOLID STATE METAL CABINET CONTROLLER
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WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF
BACKFLOW
IS 130 l/min @ 5.62 Bars

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m/hr	l/min	PR mm/hr
A1	1.5"	7.8	130	50.5
A2	1.5"	7.8	130	50.5
A3	1.5"	7.8	130	25.1
A4	1.5"	7.8	130	25.1
A5	1.5"	3.9	64.9	12.5

VALVE ID GUIDE

STATION NUMBER	VALVE SIZE	PRECIPITATION RATE mm/hr
A1	1.5"	19.0
273	1.5"	19.0

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