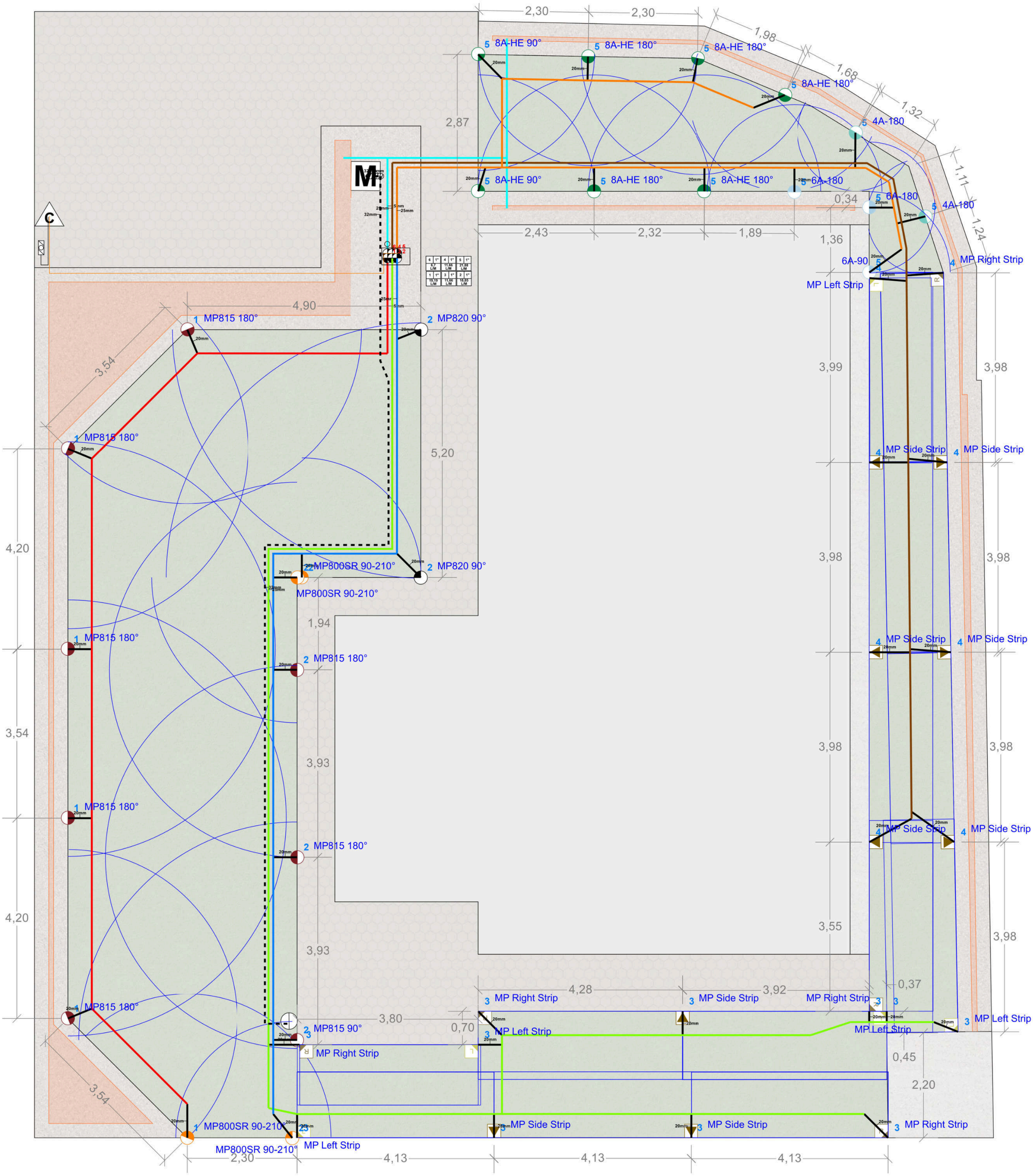


Šachta s ventilom 3/4"	Trávnik
Fiter závlahy	Záhon-výsadba/kvapková závlaha
Ventilová šachta	Kvapková hadica
Elektromagnetický ventil	Ovládací kábel
Dažďový senzor	Bočné a zapojovacie potrubie 6bar
Riadiaca jednotka	Hlavné potrubie 10bar
Studňa + šachta pre čerp. techniku	Pozícia produktu v cenovej kalkulácii

1,00

5,00

SHEET: 1 of 1

SCALE: .

CHECKED BY: H-Garden

DRAWN BY: Hegedűs

JOB NUMBER: 00001/01

DATE: 01.01.2026

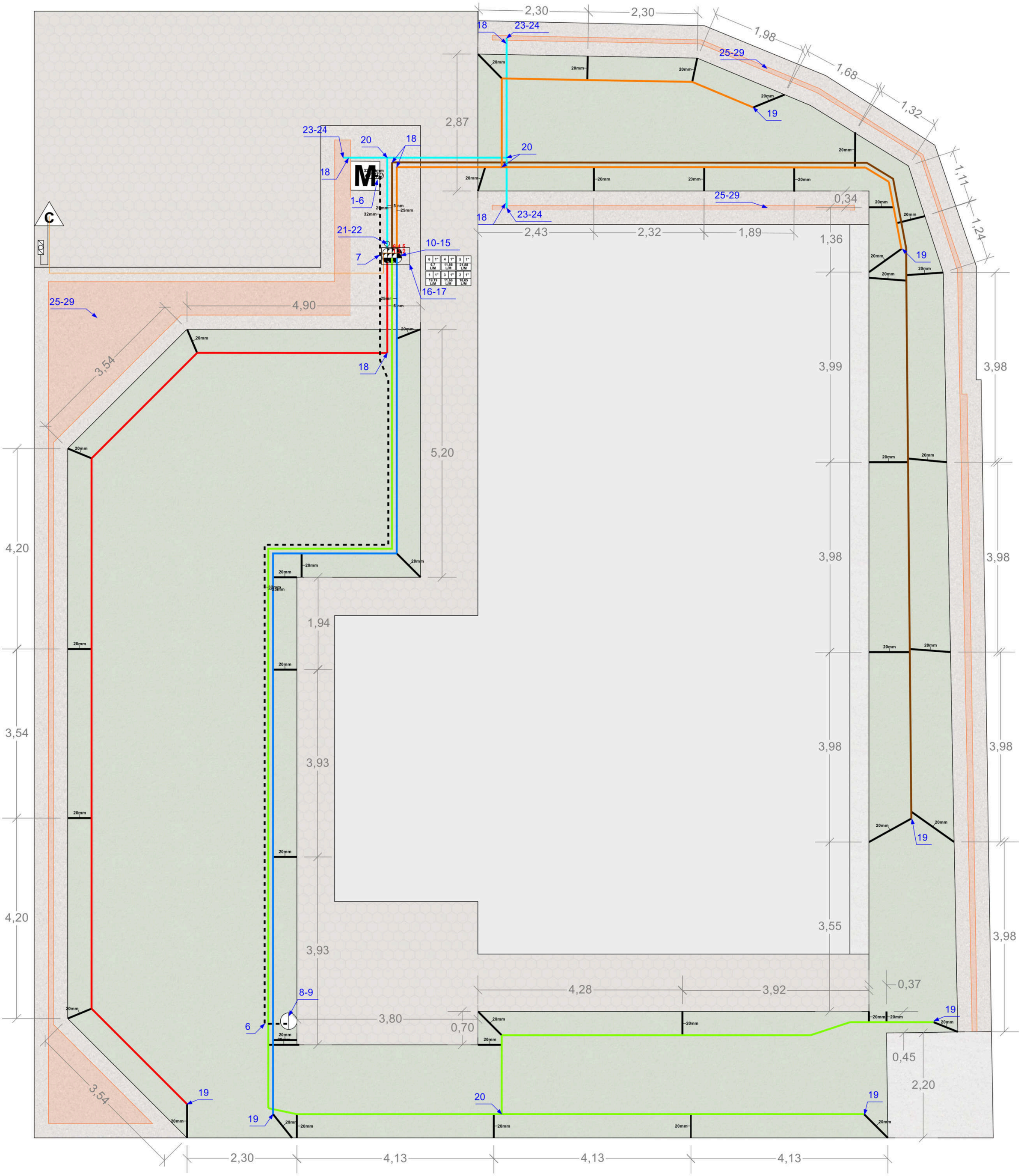
REVISIONS:

PROJECT:
Test

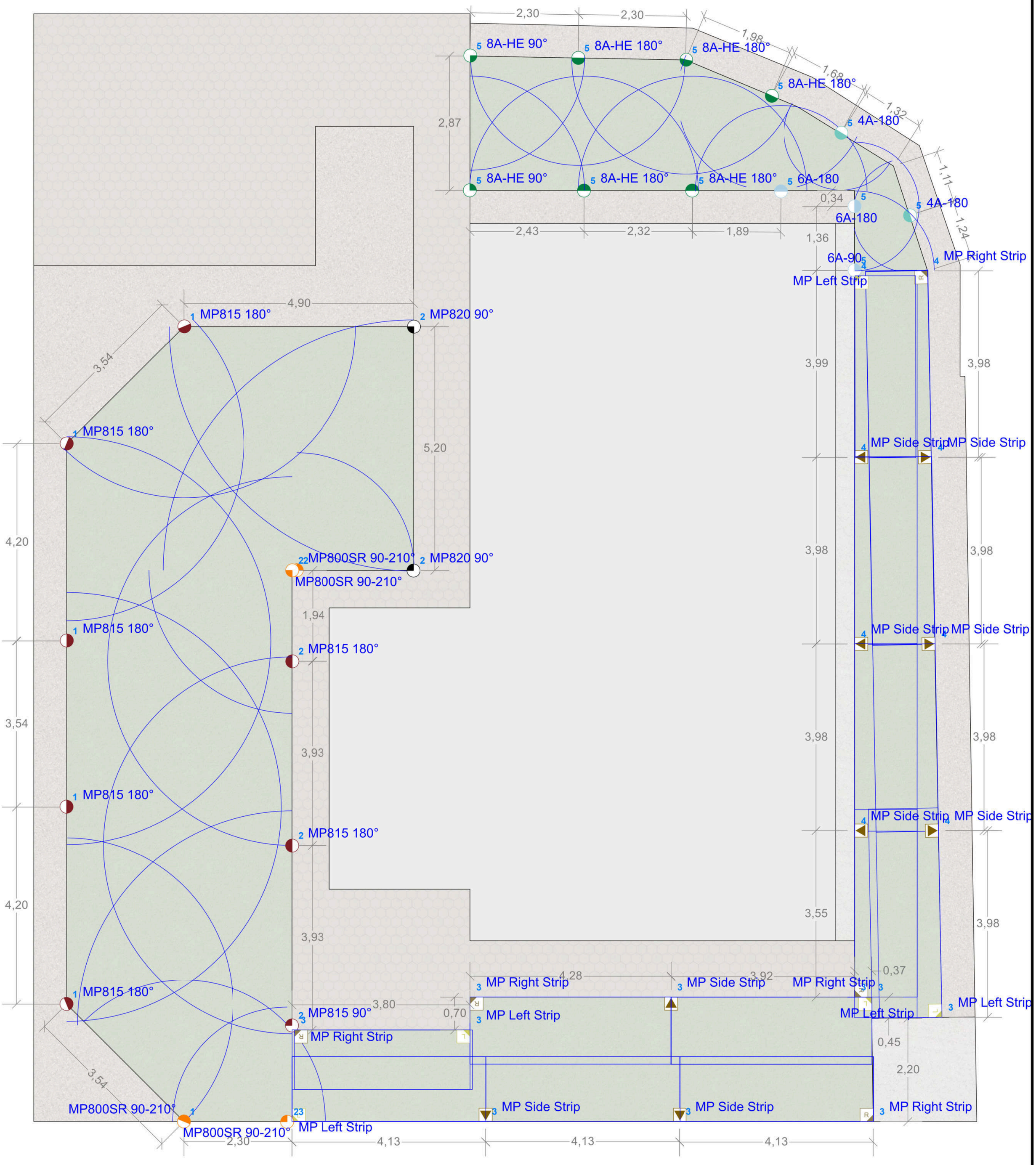
SHEET DESCRIPTION:

H-Garden s.r.o.

www.zavlahahg.sk
info@hgarden.sk
+421 905 748 627



Šachta s ventilom 3/4"	Trávnik
Fiter závlahy	Záhon-výsadba/kvapková závlaha
Ventilová šachta	Kvapková hadica
Elektromagnetický ventil	Ovládací kábel
Dažďový senzor	Bočné a zapojovacie potrubie 6bar
Riadiaca jednotka	Hlavné potrubie 10bar
Studňa + šachta pre čerp. techniku	Pozícia produktu v cenovej kalkulácii


2,30
2,30
1,98
1,68
1,32
1,11
1,24
2,87
5 8A-HE 90°
5 8A-HE 180°
5 8A-HE 180°
5 8A-HE 180°
5 4A-180
5 8A-HE 90°
5 8A-HE 180°
5 8A-HE 180°
5 6A-180
0,34
5 4A-180
6A-180
2,43
2,32
1,89
1,36
6A-90
4 MP Right Strip
MP Left Strip
4,90
1 MP815 180°
2 MP820 90°
3,54
3,99
3,98
1 MP815 180°
5,20
4 MP Side Strip
4 MP Side Strip
4,20
22 MP800SR 90-210°
2 MP820 90°
MP800SR 90-210°
3,98
3,98
1,94
2 MP815 180°
3,98
3,54
3,93
1 MP815 180°
2 MP815 180°
3,98
4,20
3,55
3,93
0,37
4,28
3,92
3 MP Right Strip
3 MP Side Strip
MP Right Strip
3 MP Left Strip
1 MP815 180°
3,80
0,70
2 MP815 90°
3 MP Left Strip
3 MP Left Strip
0,45
2,20
3,54
MP800SR 90-210°
1
23
MP800SR 90-210°
MP Left Strip
3 MP Side Strip
3 MP Side Strip
3 MP Right Strip
2,30
4,13
4,13
4,13

Run Set: 1

Water Source #1	
Description	DAB DIVERTRON 900
Type	Pump
Pump Pressure	3,5 bars

Mainline Components	
Backflow Loss	0 bars
Master Valve Loss	0 bars
Filter Loss	0,017 bars

Zone 1 @ 19,192 l/m	
Mainline Loss	0 bars
Valve Loss	0,131 bars
Lateral Loss	0,053 bars
Fittings Loss	0,006 bars
Elevation Loss	0 bars
Sprinkler Requirement	2,758 bars
Total Design Pressure	2,968 bars
Residual Pressure	0,532 bars

Run Set: 2

Water Source #1	
Description	DAB DIVERTRON 900
Type	Pump
Pump Pressure	3,5 bars

Mainline Components	
Backflow Loss	0 bars
Master Valve Loss	0 bars
Filter Loss	0,017 bars

Zone 2 @ 18,851 l/m	
Mainline Loss	0 bars
Valve Loss	0,131 bars
Lateral Loss	0,033 bars
Fittings Loss	0,004 bars
Elevation Loss	0 bars
Sprinkler Requirement	2,758 bars
Total Design Pressure	2,945 bars
Residual Pressure	0,555 bars

Run Set: 3

Water Source #1	
Description	DAB DIVERTRON 900
Type	Pump
Pump Pressure	3,5 bars

Mainline Components	
Backflow Loss	0 bars
Master Valve Loss	0 bars
Filter Loss	0,013 bars

Zone 3 @ 11,659 l/m	
Mainline Loss	0 bars
Valve Loss	0,105 bars
Lateral Loss	0,046 bars
Fittings Loss	0,005 bars
Elevation Loss	0 bars
Sprinkler Requirement	2,758 bars
Total Design Pressure	2,928 bars
Residual Pressure	0,572 bars

Run Set: 4

Water Source #1	
Description	DAB DIVERTRON 900
Type	Pump
Pump Pressure	3,5 bars

Mainline Components	
Backflow Loss	0 bars
Master Valve Loss	0 bars
Filter Loss	0,013 bars

Zone 4 @ 11,659 l/m	
Mainline Loss	0 bars
Valve Loss	0,105 bars
Lateral Loss	0,037 bars
Fittings Loss	0,004 bars
Elevation Loss	0 bars
Sprinkler Requirement	2,758 bars
Total Design Pressure	2,917 bars
Residual Pressure	0,583 bars

Run Set: 5

Water Source #1	
Description	DAB DIVERTRON 900
Type	Pump
Pump Pressure	3,5 bars

Mainline Components	
Backflow Loss	0 bars
Master Valve Loss	0 bars
Filter Loss	0,019 bars

Zone 5 @ 21,88 l/m	
Mainline Loss	0 bars
Valve Loss	0,131 bars
Lateral Loss	0,038 bars
Fittings Loss	0,004 bars
Elevation Loss	0 bars
Sprinkler Requirement	2,068 bars
Total Design Pressure	2,264 bars
Residual Pressure	1,236 bars

Run Set: 6

Water Source #1	
Description	DAB DIVERTRON 900
Type	Pump
Pump Pressure	3,5 bars

Mainline Components	
Backflow Loss	0 bars
Master Valve Loss	0 bars
Filter Loss	0,01 bars

Zone 6 @ 6,7 l/m	
Mainline Loss	0 bars
Valve Loss	0,086 bars
Lateral Loss	0 bars
Fittings Loss	0 bars
Elevation Loss	0 bars
Sprinkler Requirement	0,552 bars
Total Design Pressure	0,649 bars
Residual Pressure	2,851 bars

Irrigation

Water Source #1	
Available Working Pressure	3,5 bars
Maximum Pump Flow	25 l/m

Sprinkler Zone Data

Zone #	Total Area	Total Flow	Precip Rate
1	70,53 Sq/M	19,19 l/m	16,33 mm/hr
2	69 Sq/M	18,85 l/m	16,4 mm/hr
3	38,13 Sq/M	11,66 l/m	18,36 mm/hr
4	27,25 Sq/M	11,66 l/m	25,69 mm/hr
5	23,78 Sq/M	21,88 l/m	55,22 mm/hr

Drip Zone Data

Zone #	Total Area	Total Flow	Precip Rate
6	16,56 Sq/M	402,01 l/h	24,29 mm/hr

Quantity	Symbol	Description	Pressure	Flow	Radius
Sprinklers					
2		Hunter 4A-180 - PROS-04	2,07 bars	1,7 l/m	1,22 m
2		Hunter 6A-180 - PROS-04	2,07 bars	2,27 l/m	1,83 m
1		Hunter 6A-90 - PROS-04	2,07 bars	1,4 l/m	1,83 m
5		Hunter 8A-HE 180° - PROS-04	2,07 bars	2,08 l/m	2,44 m
2		Hunter 8A-HE 90° - PROS-04	2,07 bars	1,06 l/m	2,44 m
5		Hunter MP Left Strip - PROS-04	2,76 bars	0,83 l/m	4,57 x 1,52 m
5		Hunter MP Right Strip - PROS-04	2,76 bars	0,83 l/m	4,57 x 1,52 m
9		Hunter MP Side Strip - PROS-04	2,76 bars	1,67 l/m	9,14 x 1,52 m
1		Hunter MP800SR 180° - PROS-04	2,76 bars	1,59 l/m	3,05 m
3		Hunter MP800SR 90° - PROS-04	2,76 bars	0,87 l/m	3,05 m
7		Hunter MP815 180° - PROS-04	2,76 bars	3,52 l/m	4,57 m
1		Hunter MP815 90° - PROS-04	2,76 bars	1,85 l/m	4,57 m
2		Hunter MP820 90° - PROS-04	2,76 bars	3,67 l/m	6,71 m
Meters/Pumps					
1	M	DAB DIVERTRON 900			
Control Valves					
6		Hunter PGV-101MM			
Y-Strainers / Filters					
1		AZUD S-1"			
Irrigation Accessories					
1		Hunter RAIN-CLICK			
1		Šachta s ventilom			
1	C	Hunter X2-601E			
Lateral Line Pipe					
30 m		20mm			
150 m		25mm			
Mainline Pipe					
25 m		32mm			
Drip Tubing					
50 m		Kvapková hadica s PC			
Wire					
12 m		WMW77043 - 7 Wire (1mm)			