

Floorheating Manifold	ID	Circle	Floor	Room number	Room name	Diameter [mm]	Length [m]	Pipe length [m]	Valve position	Resistance	Flow [l/s]	Heating power [W]	Floorheating area heating power [W]	Pipe distance [mm]	Floorheating supply temp. [°C]	Floorheating return temp. [°C]	
FT-V11A	9498FF										0.1891	7824.43					
			1	Begane grond	1.1.	6	16	60.98	39	0.48	1507.085 Pa	0.0171	707.16	323	150	45	35
			2	Begane grond	1.1.	6	16	58.23	39	0.34	1507.085 Pa	0.0161	665.8	323	150	45	35
			3	Verdieping	2.1.	2	16	62.75	33	1.74	1507.085 Pa	0.018	745.35	273	150	45	35
			4	Verdieping	2.1.	2	16	59.59	29	0.61	1507.085 Pa	0.0176	727.29	245	150	45	35
			5	Verdieping	2.1.	1	16	62.57	35	0.93	1507.085 Pa	0.0178	736.81	295	150	45	35
			6	Begane grond	1.1.	7	16	62.07	33	2.5	1507.085 Pa	0.0183	758.65	273	150	45	35
			7	Begane grond	1.1.	7	16	60.74	35	0.6	1507.085 Pa	0.0177	732.79	295	150	45	35
			8	Begane grond	1.1.	7	16	53.59	35	0.58	1507.085 Pa	0.0174	720.95	382	150	45	35
			9	Begane grond	1.1.	7	16	52.93	35	0.53	1507.085 Pa	0.0172	710.93	382	150	45	35
			10	Begane grond	1.1.	7	16	57.67	39	0.32	1507.085 Pa	0.0159	657.51	323	150	45	35
			11	Begane grond	1.1.	4	16	59.03	37	0.25	1507.085 Pa	0.016	661.21	278	100	45	35

1.1.1. Heatloss: 308W Heat load 0W Temperature: 20°C Area: 5.3m²					
1.1.2. Heatloss: 229W Heat load 0W Temperature: 20°C Area: 5m²					
1.1.3. Heatloss: 26W Heat load 0W Temperature: 20°C Area: 0.3m²					
1.1.4. Heatloss: 220W Heat load 0W Temperature: 24°C Area: 3.8m²	Heating power: 278W Area: 3.7m² Pipe distance: 100mm Diameter: 16mm Placing mode: Double Serpentine Length: 37m	Mesh Width: 1500 mm Mesh Length: 220 mm Pipe Serpentine: 34.00 m Pipe-supply: 11.90 m Pipe Return: 11.00 m Pipe Total: 56.90 m Pipe distance: 100 mm Diameter: 16 mm	1.1.4/11		
1.1.5. Heatloss: 29W Heat load 0W Temperature: 20°C Area: 0.9m²					
1.1.6. Heatloss: 616W Heat load 0W Temperature: 20°C Area: 14.1m²	Heating power: 323W Area: 5.8m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 39m	Mesh Width: 1500 mm Mesh Length: 3850 mm Pipe Serpentine: 42.80 m Pipe-supply: 10.3 m Pipe Return: 10.20 m Pipe Total: 63.30 m Pipe distance: 150 mm Diameter: 16 mm	1.1.6/2	Heating power: 323W Area: 5.8m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 39m	Mesh Width: 1500 mm Mesh Length: 3850 mm Pipe Serpentine: 42.80 m Pipe-supply: 11.50 m Pipe Return: 11.60 m Pipe Total: 65.90 m Pipe distance: 150 mm Diameter: 16 mm
1.1.7. Heatloss: 1368W Heat load 0W Temperature: 20°C Area: 33.3m²	Heating power: 323W Area: 5.8m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 39m	Mesh Width: 1500 mm Mesh Length: 3850 mm Pipe Serpentine: 42.80 m Pipe-supply: 9.90 m Pipe Return: 9.80 m Pipe Total: 62.50 m Pipe distance: 150 mm Diameter: 16 mm	1.1.7/10	Heating power: 382W Area: 5.3m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 35m	Mesh Width: 1500 mm Mesh Length: 3550 mm Pipe Serpentine: 39.40 m Pipe-supply: 9.4 m Pipe Return: 9.10m Pipe Total: 57.90 m Pipe distance: 150 mm Diameter: 16 mm
1.1.8. Heatloss: 382W Area: 5.3m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 35m	Heating power: 382W Area: 5.3m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 35m	Mesh Width: 1500 mm Mesh Length: 3550 mm Pipe Serpentine: 39.40 m Pipe-supply: 9.90 m Pipe Return: 9.70 m Pipe Total: 59.00 m Pipe distance: 150 mm Diameter: 16 mm	1.1.7/8	Heating power: 295W Area: 5.3m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 35m	Mesh Width: 1500 mm Mesh Length: 3550 mm Pipe Serpentine: 39.40 m Pipe-supply: 13.50 m Pipe Return: 13.10 m Pipe Total: 66.00 m Pipe distance: 150 mm Diameter: 16 mm
1.1.9. Heatloss: 273W Area: 4.9m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 33m	Heating power: 273W Area: 4.9m² Pipe distance: 150mm Diameter: 16mm Placing mode: Double Serpentine Length: 33m	Mesh Width: 1500 mm Mesh Length: 3250 mm Pipe Serpentine: 36.20 m Pipe-supply: 15.00 m Pipe Return: 14.70 m Pipe Total: 65.90 m Pipe distance: 150 mm Diameter: 16 mm	1.1.7/6		

**PIPELIFE**

Pipelife Nederland B.V.  
Flevoiaan 7 16601 MA,  
Enkhuizen, Nederland

Document type: **BEGANE GROND - Apartment No 1**

Client: **Lutjebroek**

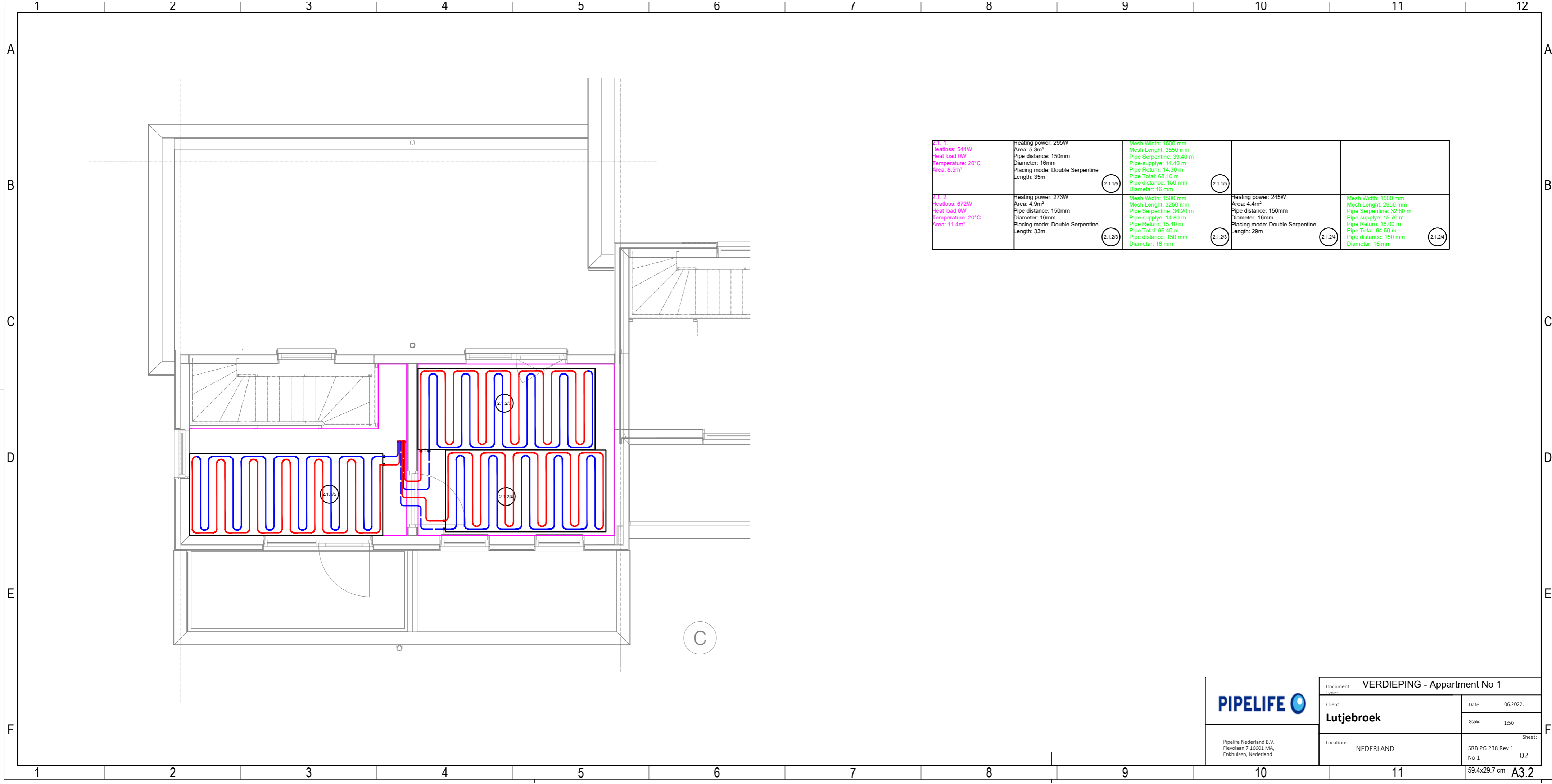
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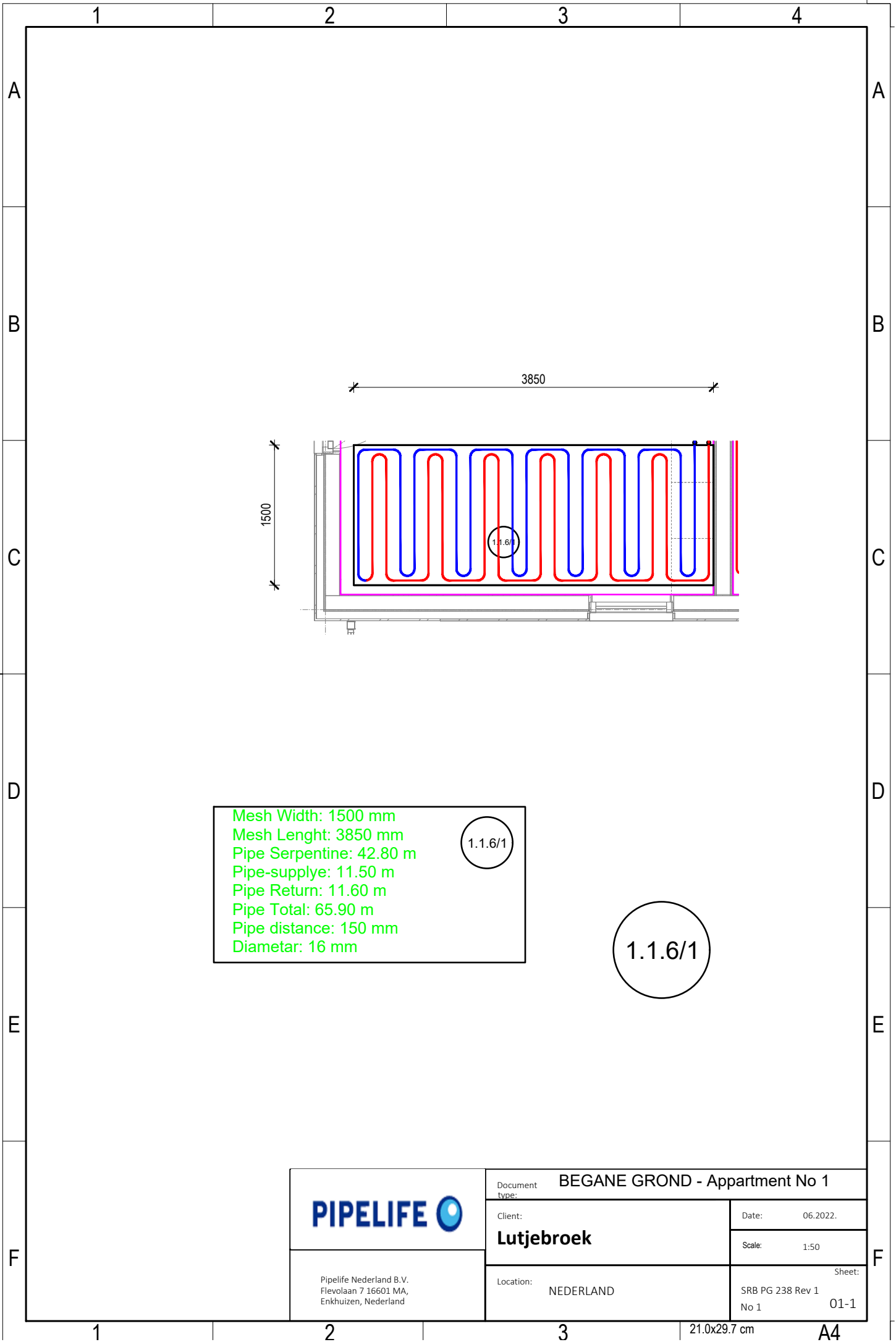
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59.4x29.7 cm A3.2



<p>2.1.1          Heating power: 544W          Heat loss: 544W          Temperature: 20°C          Area: 8.5m²</p>	<p>Heating power: 295W          Area: 5.3m²          Pipe distance: 150mm          Diameter: 16mm          Placing mode: Double Serpentine          Length: 35m</p>	<p>Mesh Width: 1500 mm          Mesh Length: 3550 mm          Pipe Serpentine: 39.40 m          Pipe-supply: 14.40 m          Pipe Return: 14.30 m          Pipe Total: 68.10 m          Pipe distance: 150 mm          Diameter: 16 mm</p>	<p>2.1.1/5</p>	<p>2.1.1/5</p>			
<p>2.1.2          Heating power: 672W          Heat loss: 672W          Temperature: 20°C          Area: 11.4m²</p>	<p>Heating power: 273W          Area: 4.9m²          Pipe distance: 150mm          Diameter: 16mm          Placing mode: Double Serpentine          Length: 33m</p>	<p>Mesh Width: 1500 mm          Mesh Length: 3250 mm          Pipe Serpentine: 36.20 m          Pipe-supply: 14.80 m          Pipe Return: 15.40 m          Pipe Total: 66.40 m          Pipe distance: 150 mm          Diameter: 16 mm</p>	<p>2.1.2/3</p>	<p>Heating power: 245W          Area: 4.4m²          Pipe distance: 150mm          Diameter: 16mm          Placing mode: Double Serpentine          Length: 29m</p>	<p>Mesh Width: 1500 mm          Mesh Length: 2950 mm          Pipe Serpentine: 32.80 m          Pipe-supply: 15.70 m          Pipe Return: 16.00 m          Pipe Total: 64.50 m          Pipe distance: 150 mm          Diameter: 16 mm</p>	<p>2.1.2/4</p>	<p>2.1.2/4</p>


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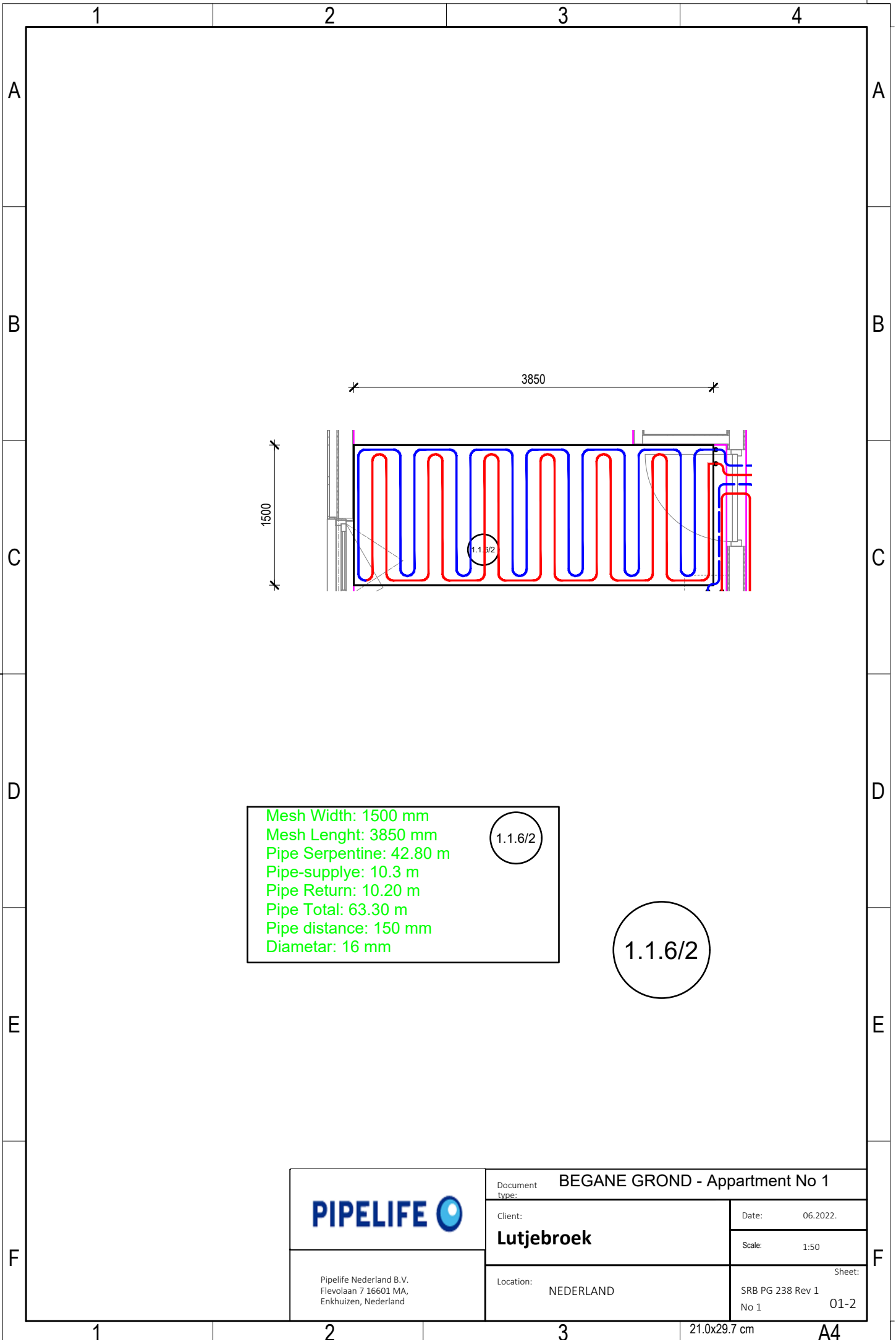


Mesh Width: 1500 mm  
 Mesh Length: 3850 mm  
 Pipe Serpentine: 42.80 m  
 Pipe-supply: 11.50 m  
 Pipe Return: 11.60 m  
 Pipe Total: 65.90 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm

1.1.6/1

1.1.6/1


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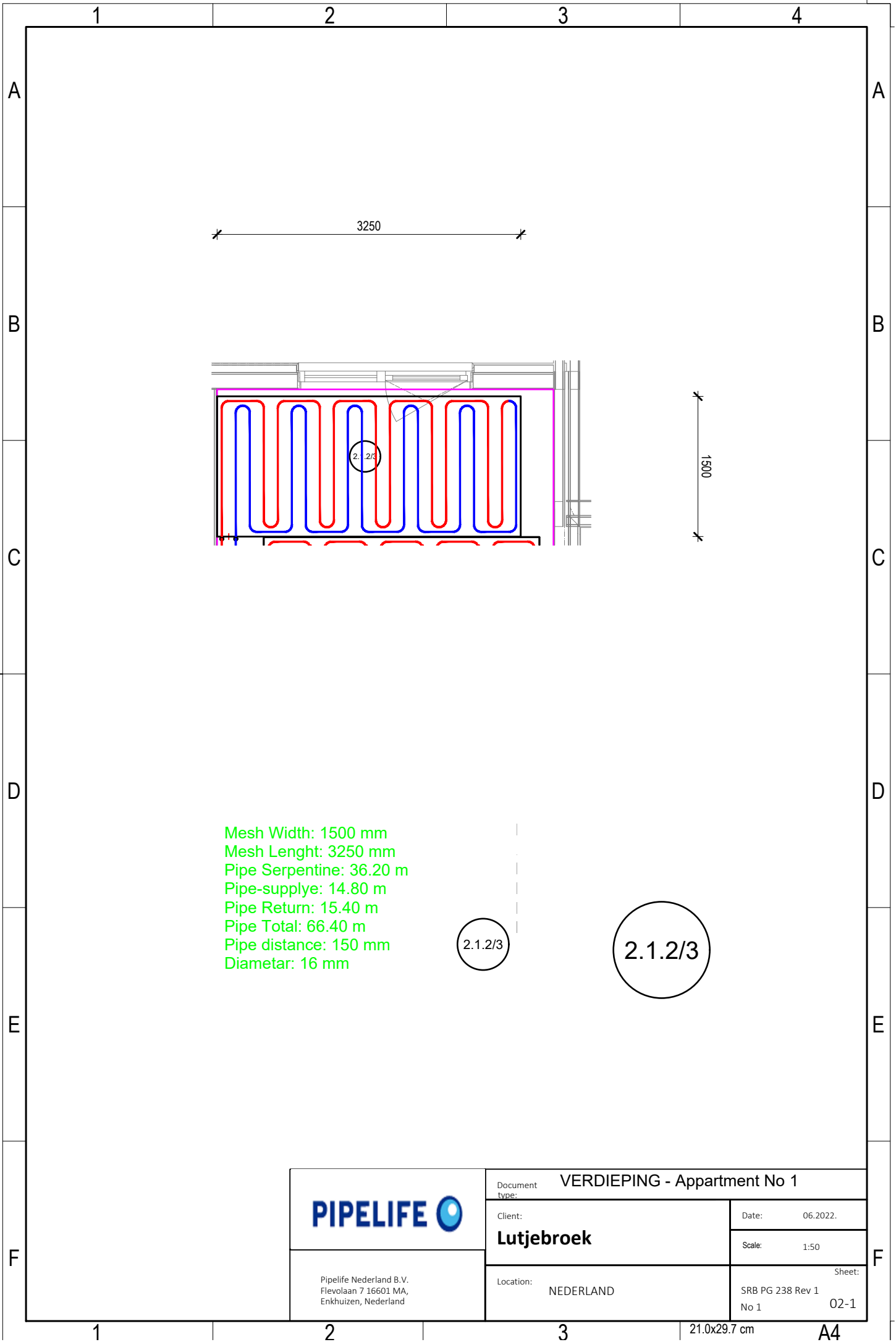


Mesh Width: 1500 mm  
 Mesh Length: 3850 mm  
 Pipe Serpentine: 42.80 m  
 Pipe-supply: 10.3 m  
 Pipe Return: 10.20 m  
 Pipe Total: 63.30 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm

1.1.6/2

1.1.6/2


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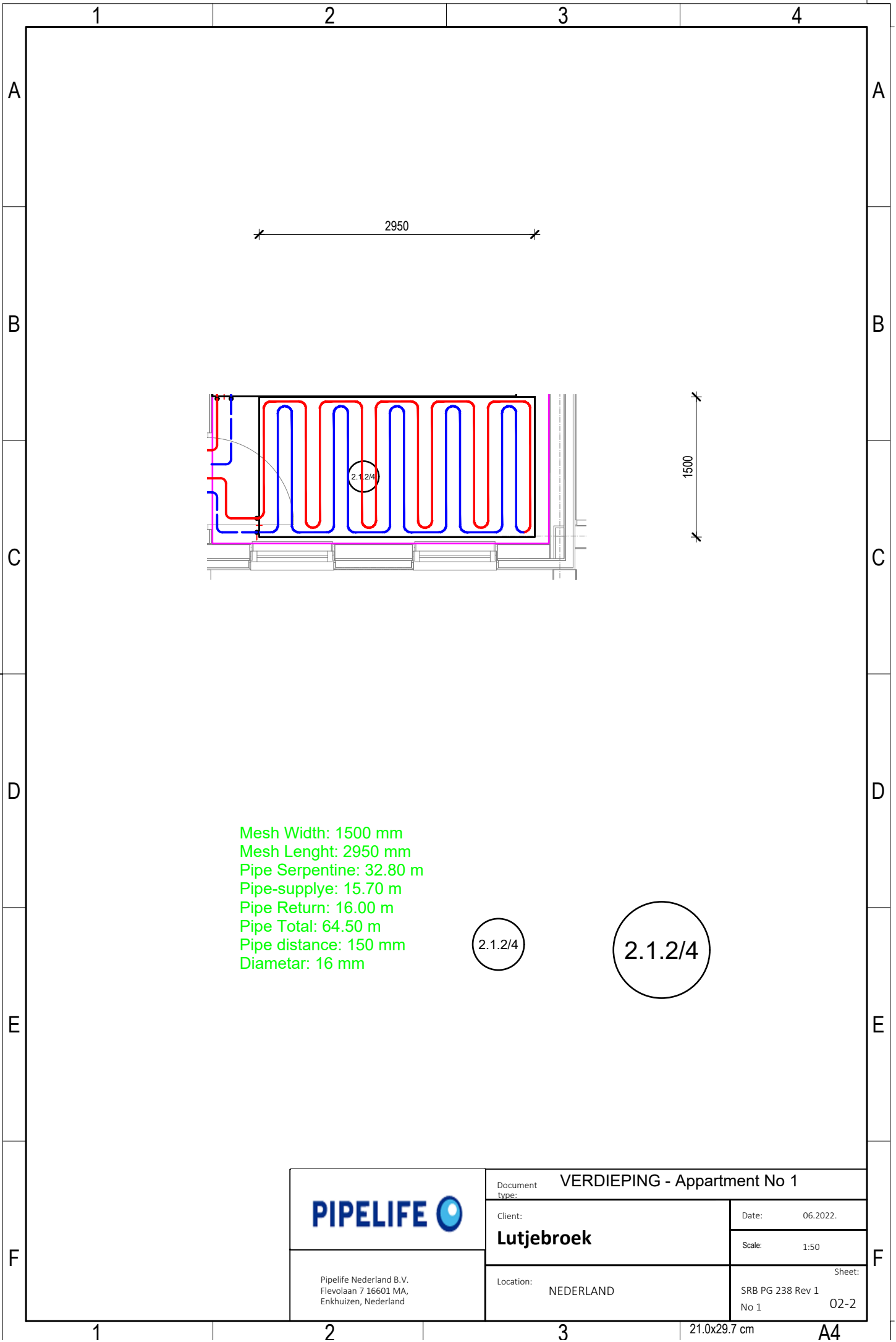


Mesh Width: 1500 mm  
 Mesh Length: 3250 mm  
 Pipe Serpentine: 36.20 m  
 Pipe-supplye: 14.80 m  
 Pipe Return: 15.40 m  
 Pipe Total: 66.40 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm

2.1.2/3

2.1.2/3


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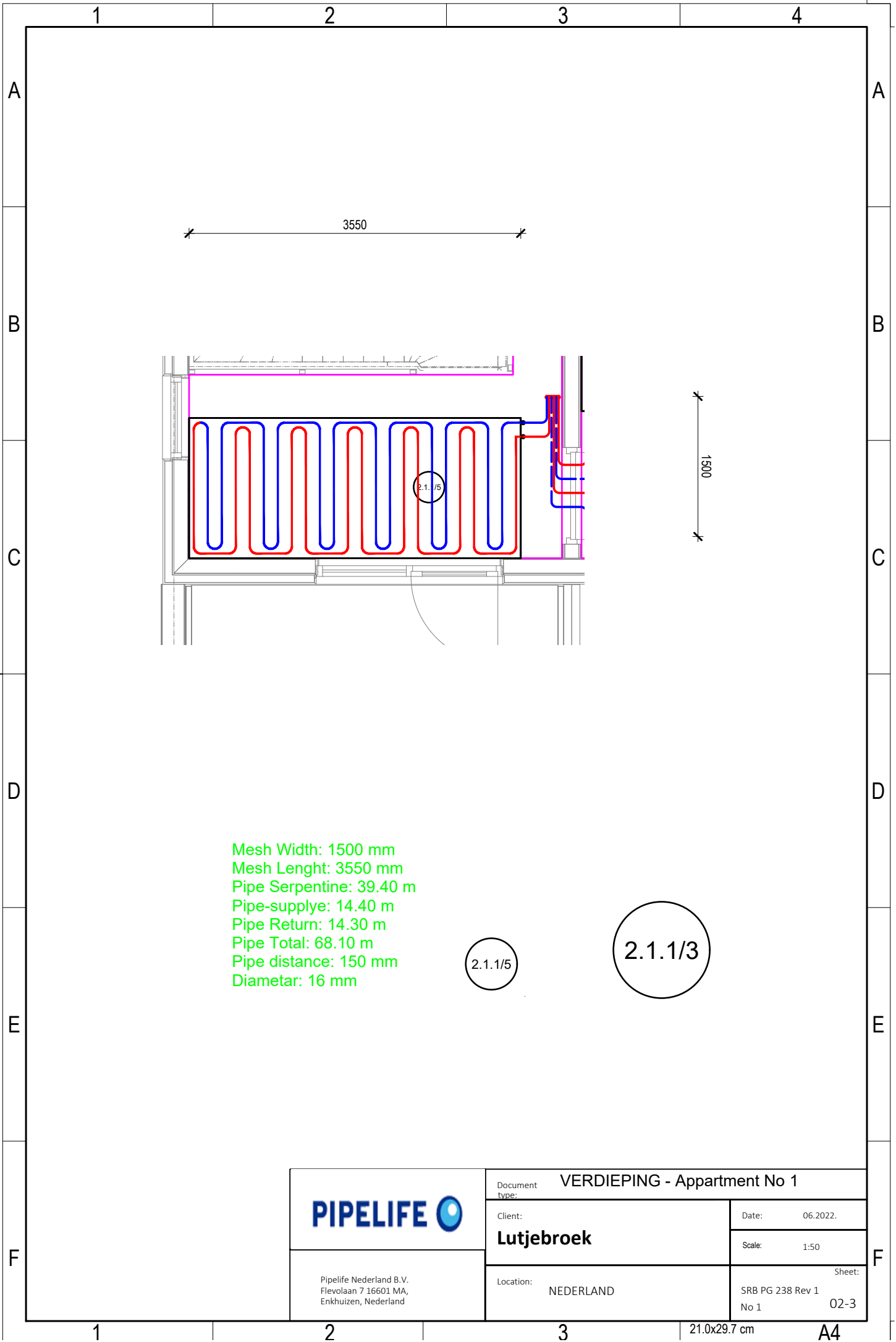


Mesh Width: 1500 mm  
 Mesh Length: 2950 mm  
 Pipe Serpentine: 32.80 m  
 Pipe-supplye: 15.70 m  
 Pipe Return: 16.00 m  
 Pipe Total: 64.50 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm

2.1.2/4

2.1.2/4

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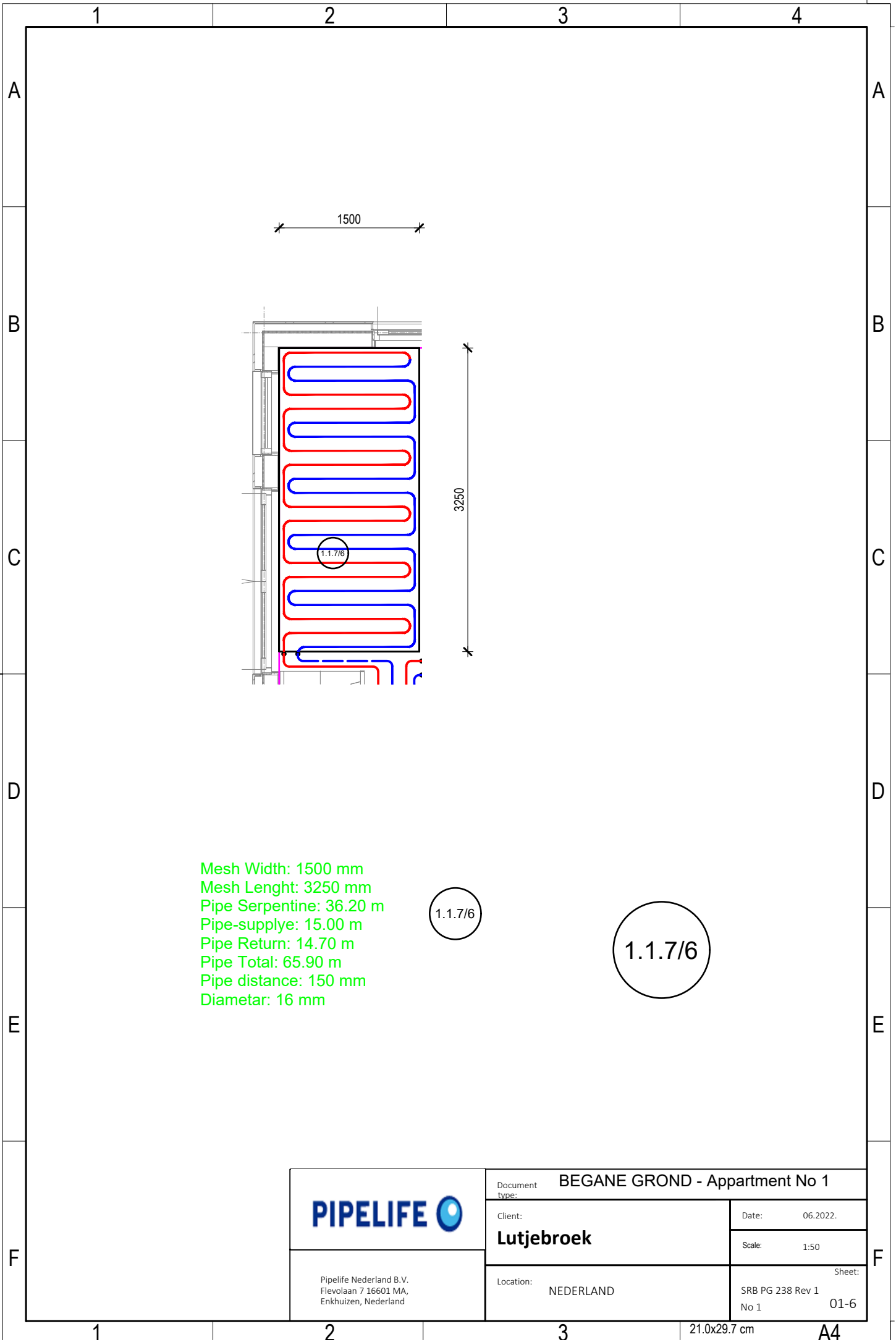


Mesh Width: 1500 mm  
 Mesh Length: 3550 mm  
 Pipe Serpentine: 39.40 m  
 Pipe-supplye: 14.40 m  
 Pipe Return: 14.30 m  
 Pipe Total: 68.10 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm

2.1.1/5

2.1.1/3


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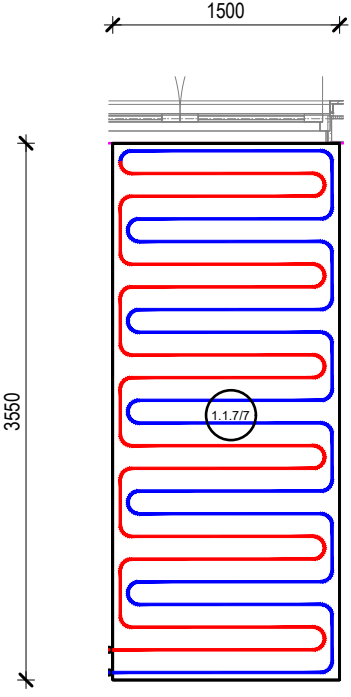
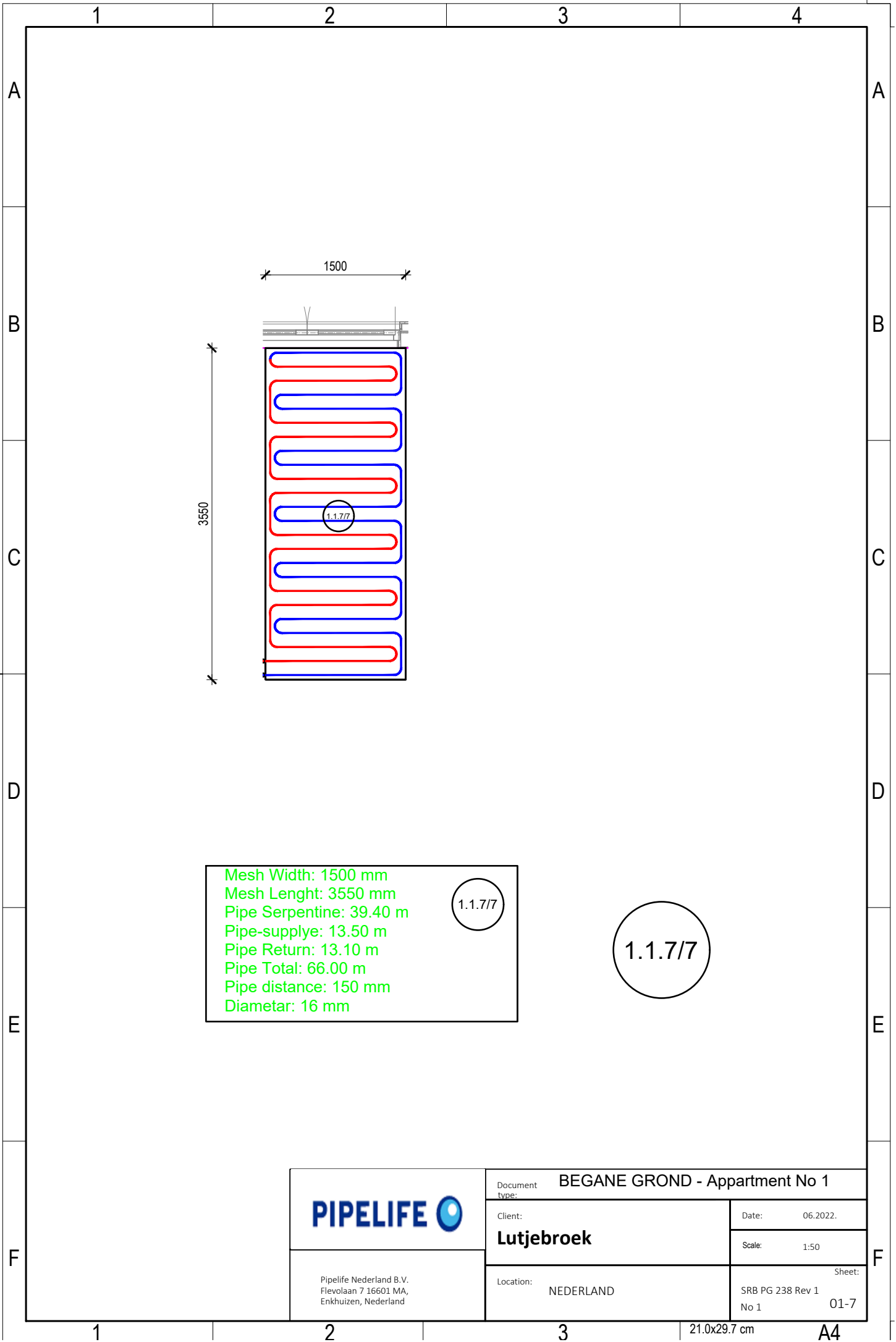
Mesh Width: 1500 mm  
 Mesh Length: 3250 mm  
 Pipe Serpentine: 36.20 m  
 Pipe-supply: 15.00 m  
 Pipe Return: 14.70 m  
 Pipe Total: 65.90 m  
 Pipe distance: 150 mm  
 Diameter: 16 mm

1.1.7/6

1.1.7/6

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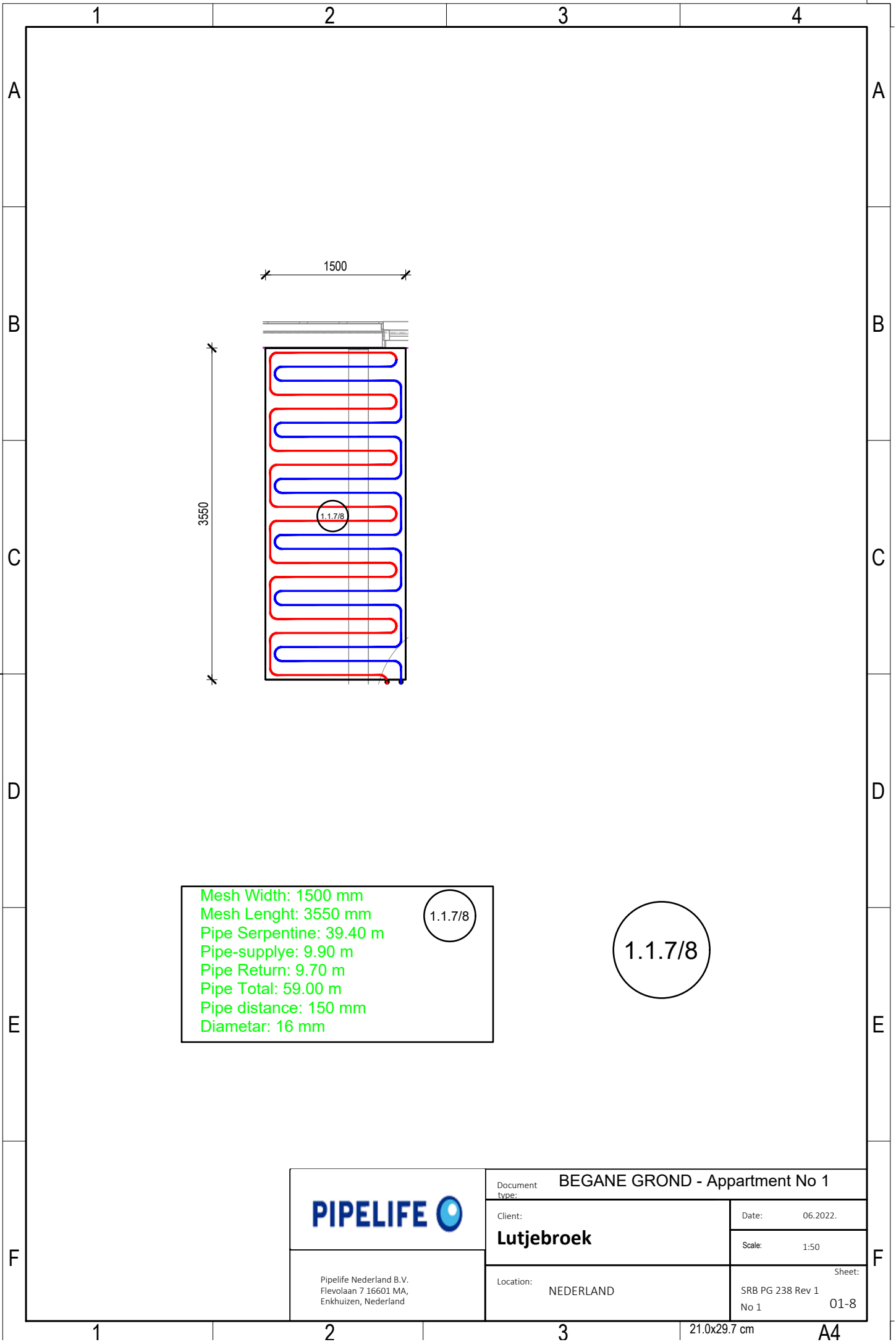


Mesh Width: 1500 mm  
 Mesh Length: 3550 mm  
 Pipe Serpentine: 39.40 m  
 Pipe-supplye: 13.50 m  
 Pipe Return: 13.10 m  
 Pipe Total: 66.00 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm

1.1.7/7

1.1.7/7


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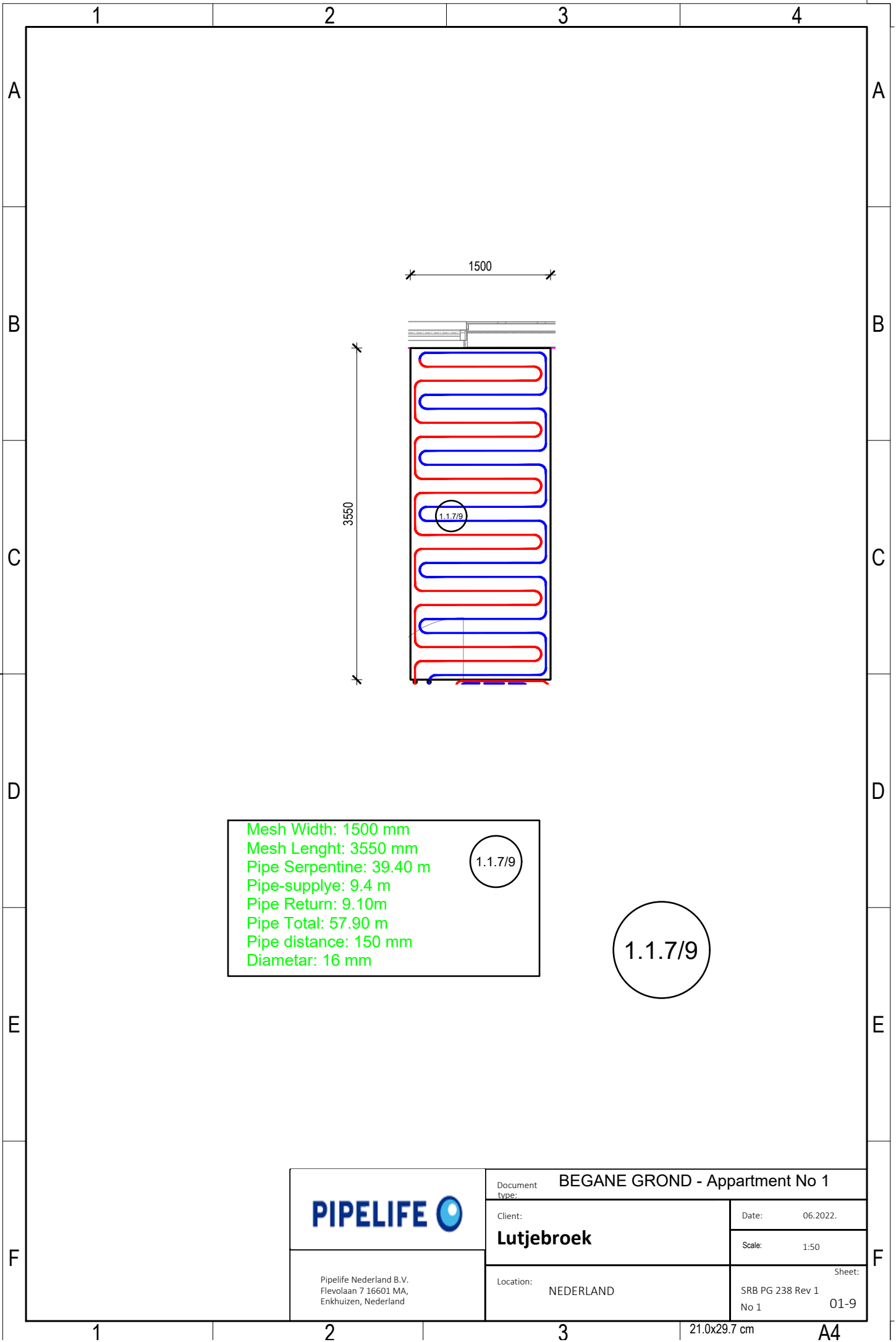


Mesh Width: 1500 mm  
 Mesh Length: 3550 mm  
 Pipe Serpentine: 39.40 m  
 Pipe-supply: 9.90 m  
 Pipe Return: 9.70 m  
 Pipe Total: 59.00 m  
 Pipe distance: 150 mm  
 Diameter: 16 mm

1.1.7/8

1.1.7/8


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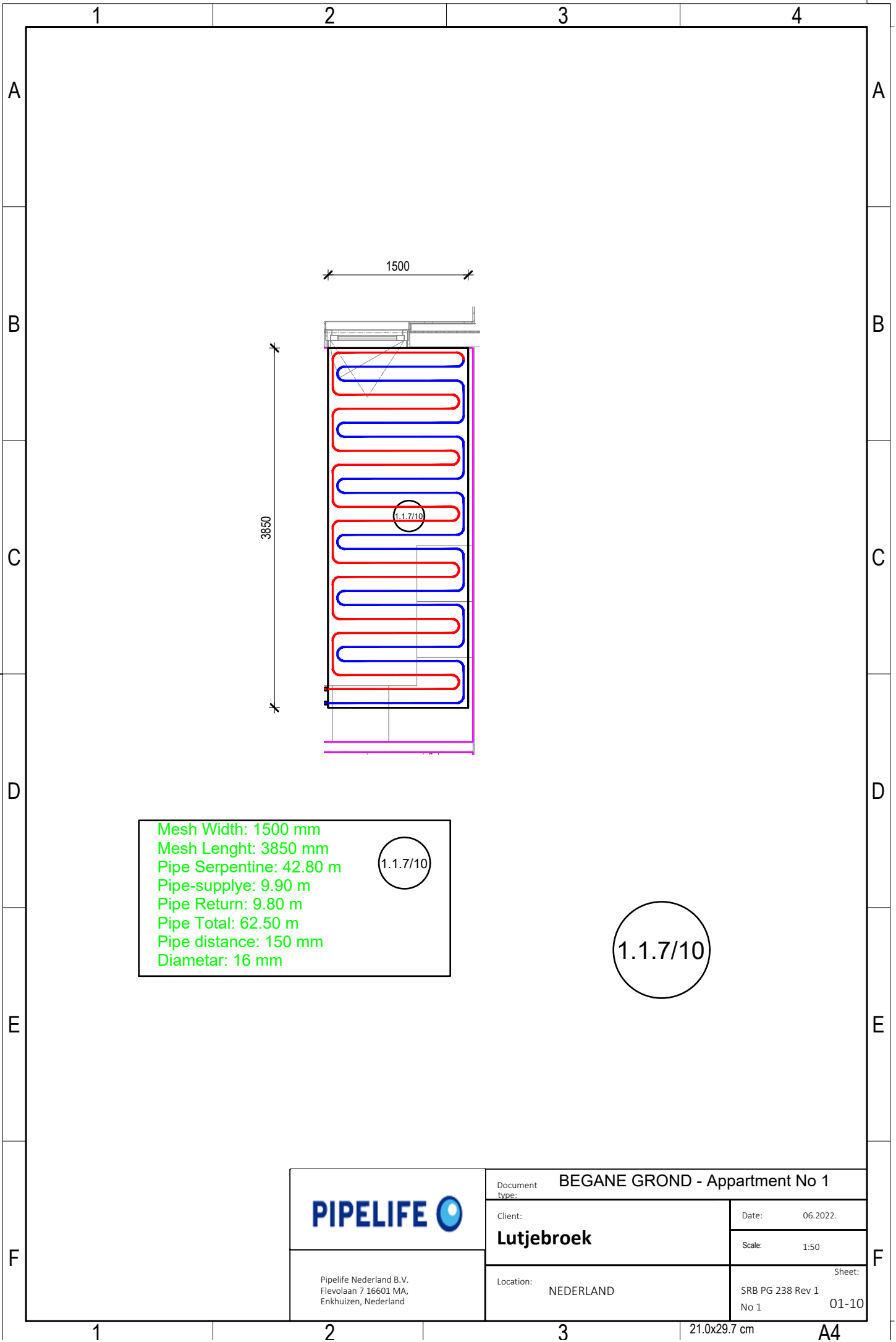


Mesh Width: 1500 mm  
 Mesh Length: 3550 mm  
 Pipe Serpentine: 39.40 m  
 Pipe-supplye: 9.4 m  
 Pipe Return: 9.10m  
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 Pipe distance: 150 mm  
 Diametar: 16 mm

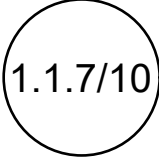
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1.1.7/9

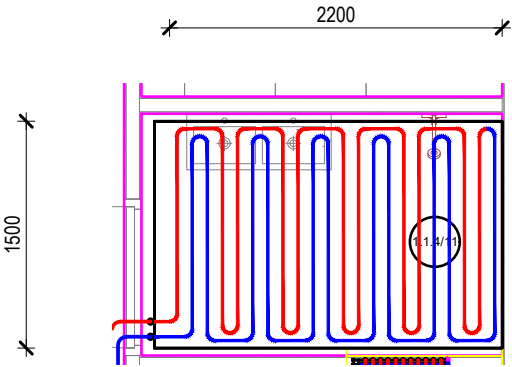
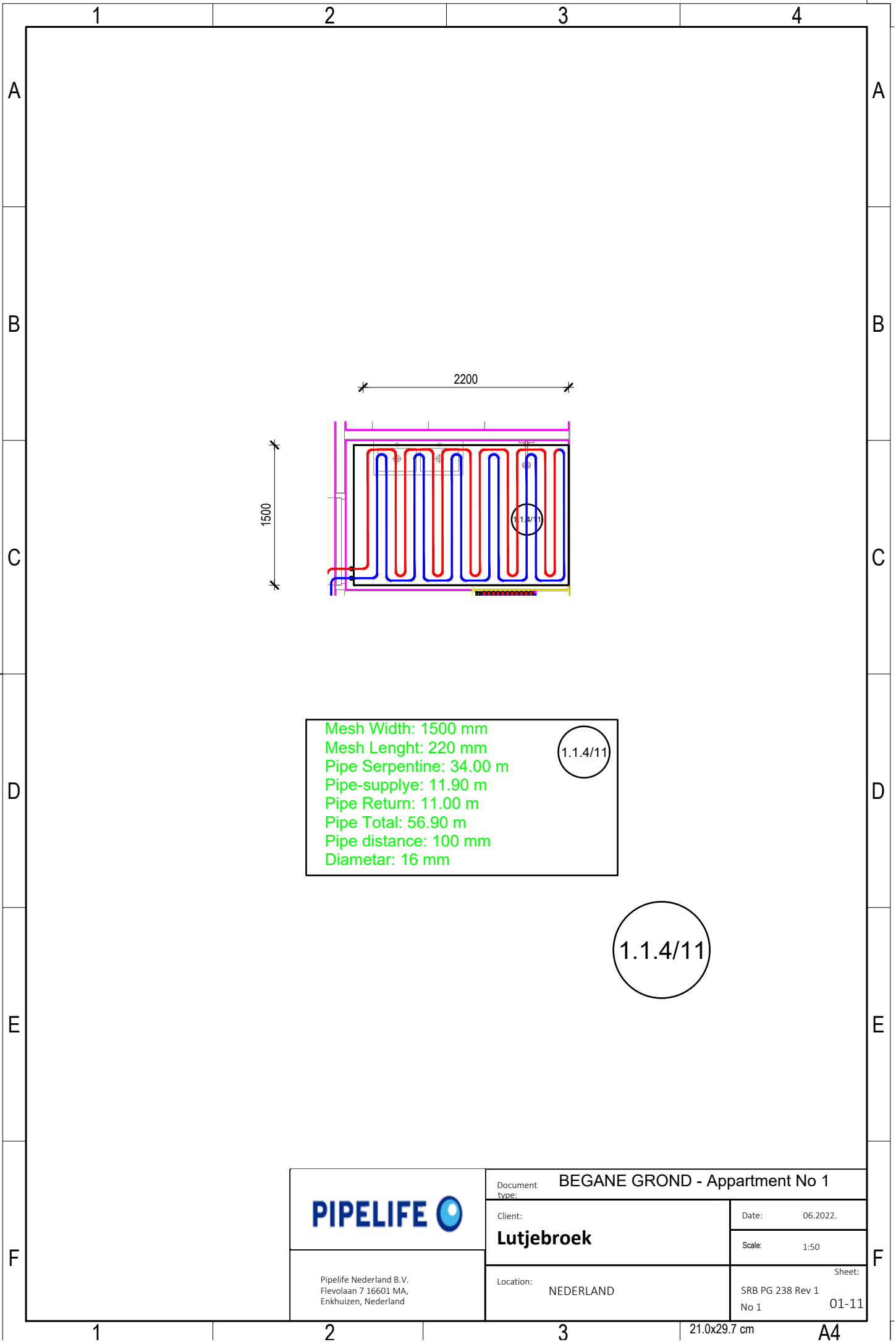
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Mesh Width: 1500 mm  
 Mesh Length: 3850 mm  
 Pipe Serpentine: 42.80 m  
 Pipe-supplye: 9.90 m  
 Pipe Return: 9.80 m  
 Pipe Total: 62.50 m  
 Pipe distance: 150 mm  
 Diametar: 16 mm




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Mesh Width: 1500 mm  
 Mesh Length: 220 mm  
 Pipe Serpentine: 34.00 m  
 Pipe-supplye: 11.90 m  
 Pipe Return: 11.00 m  
 Pipe Total: 56.90 m  
 Pipe distance: 100 mm  
 Diametar: 16 mm

1.1.4/11

1.1.4/11

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