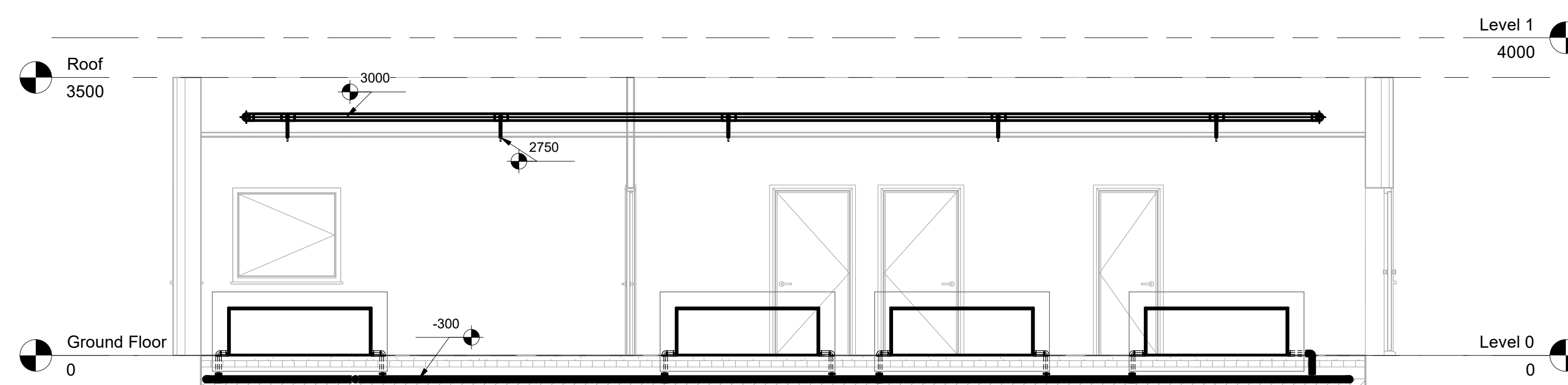


2 3D View

1 0 - Plumbing
1 : 50



3 Pipe Levels
1 : 50

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Plumbing
Overview

Project number Project Number

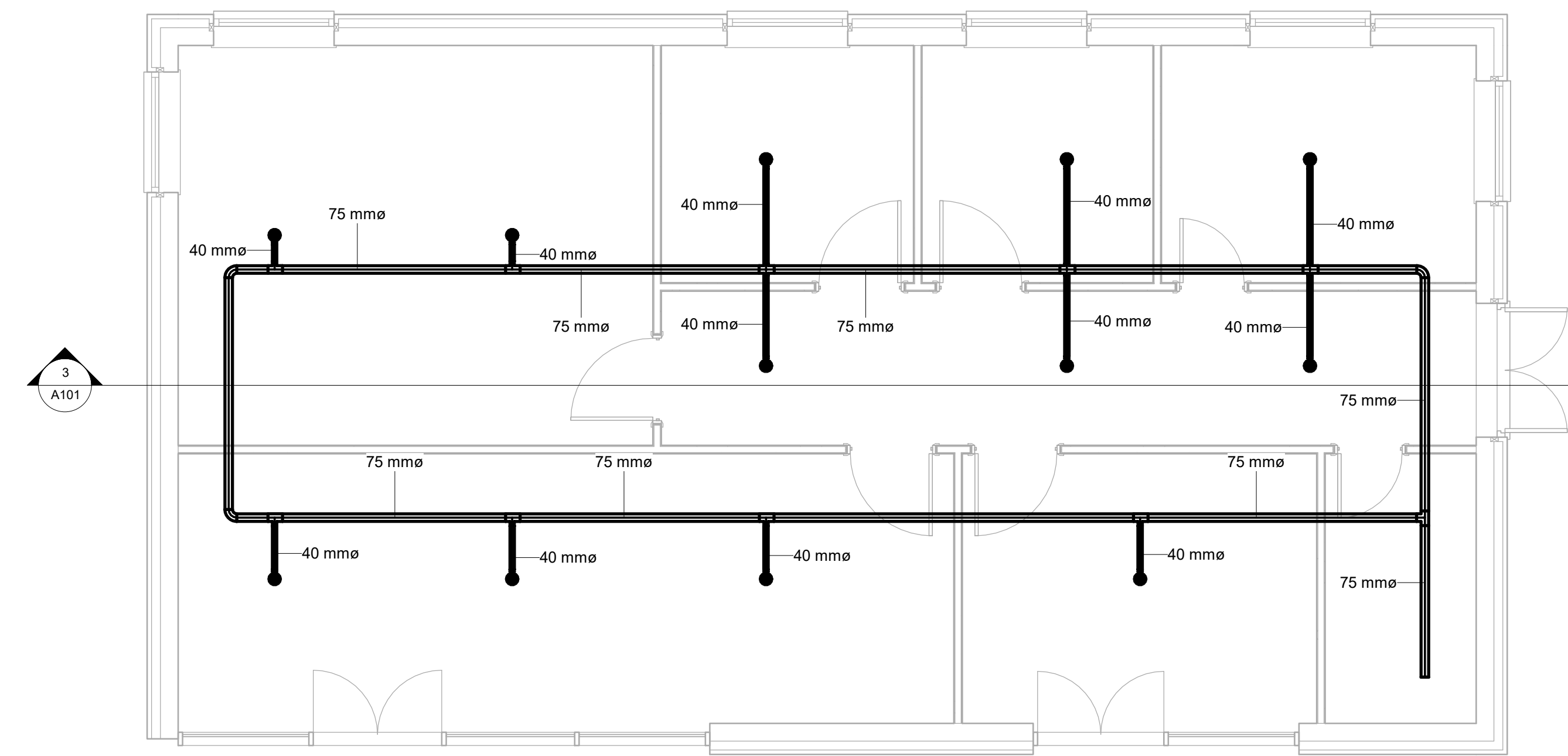
Date Issue Date

Drawn by Author

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A101

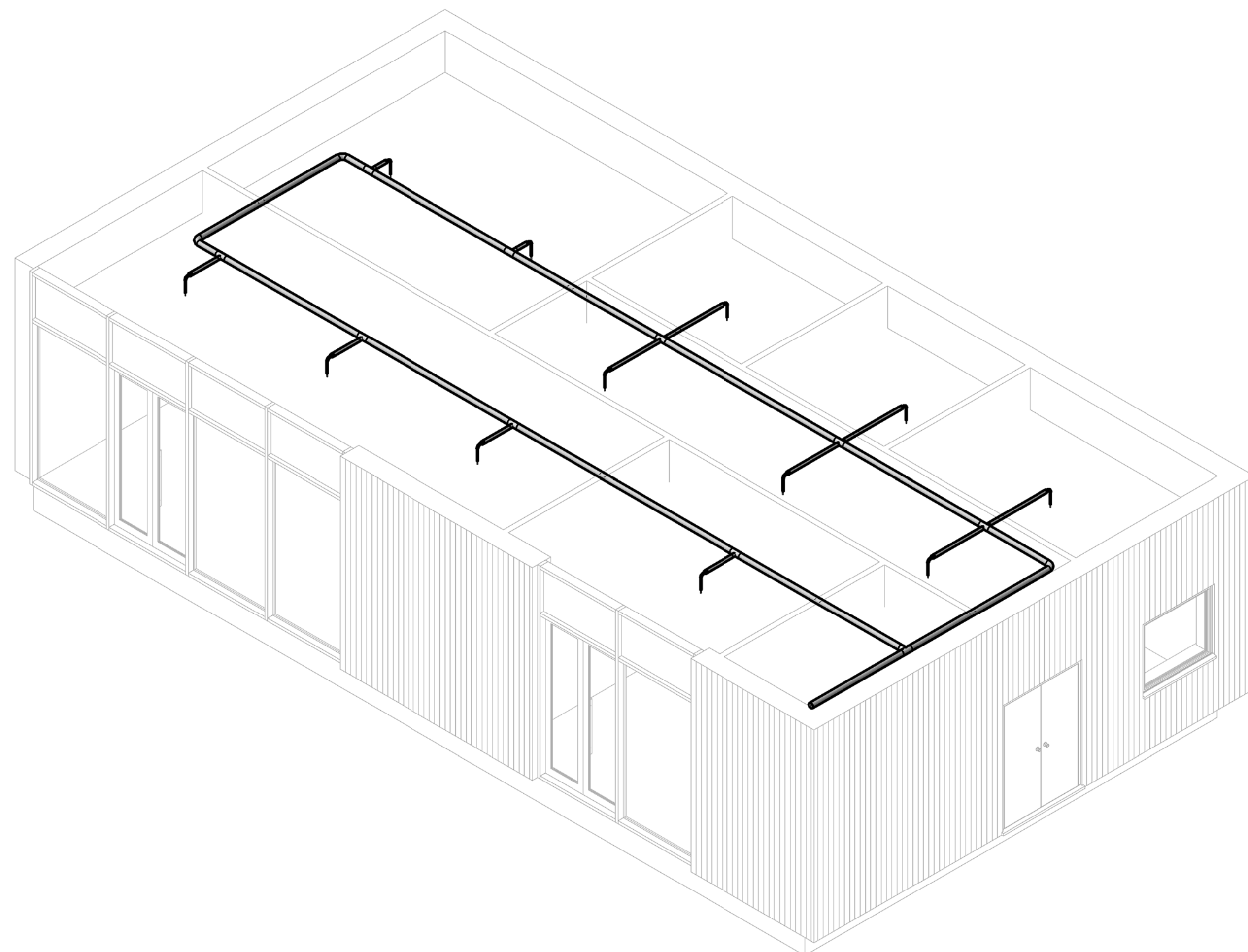
Scale 1 : 50



0 - Plumbing - Fire Protection

1
1 : 50

Fire Protection System Pipe Fitting Schedule		
Family and Type	Size	Count
Bend - Plain - Cl: Standard	15 mmø-15 mmø	12
Bend - Plain - Cl: Standard	75 mmø-75 mmø	3
Branch 90 Deg - Plain - Cl: Standard	75 mmø-75 mmø-40 mmø	6
Branch 90 Deg - Plain - Cl: Standard	75 mmø-75 mmø-75 mmø	1
Branch 90 Deg Double - Plain - Cl: Standard	75 mmø-75 mmø-40 mmø-40 mmø	3
Taper Concentric - Plain - Cl: Standard	40 mmø-15 mmø	12



3D View Fire Protection

2

Sprinkler Schedule			
Mark	Family and Type	Flow	Level
1	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
2	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
3	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
4	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
5	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
6	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
7	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
8	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
9	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
10	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
11	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0
12	Sprinkler - Pendant - Hosted: 15 mm Pendant	2.0 L/s	Level 0

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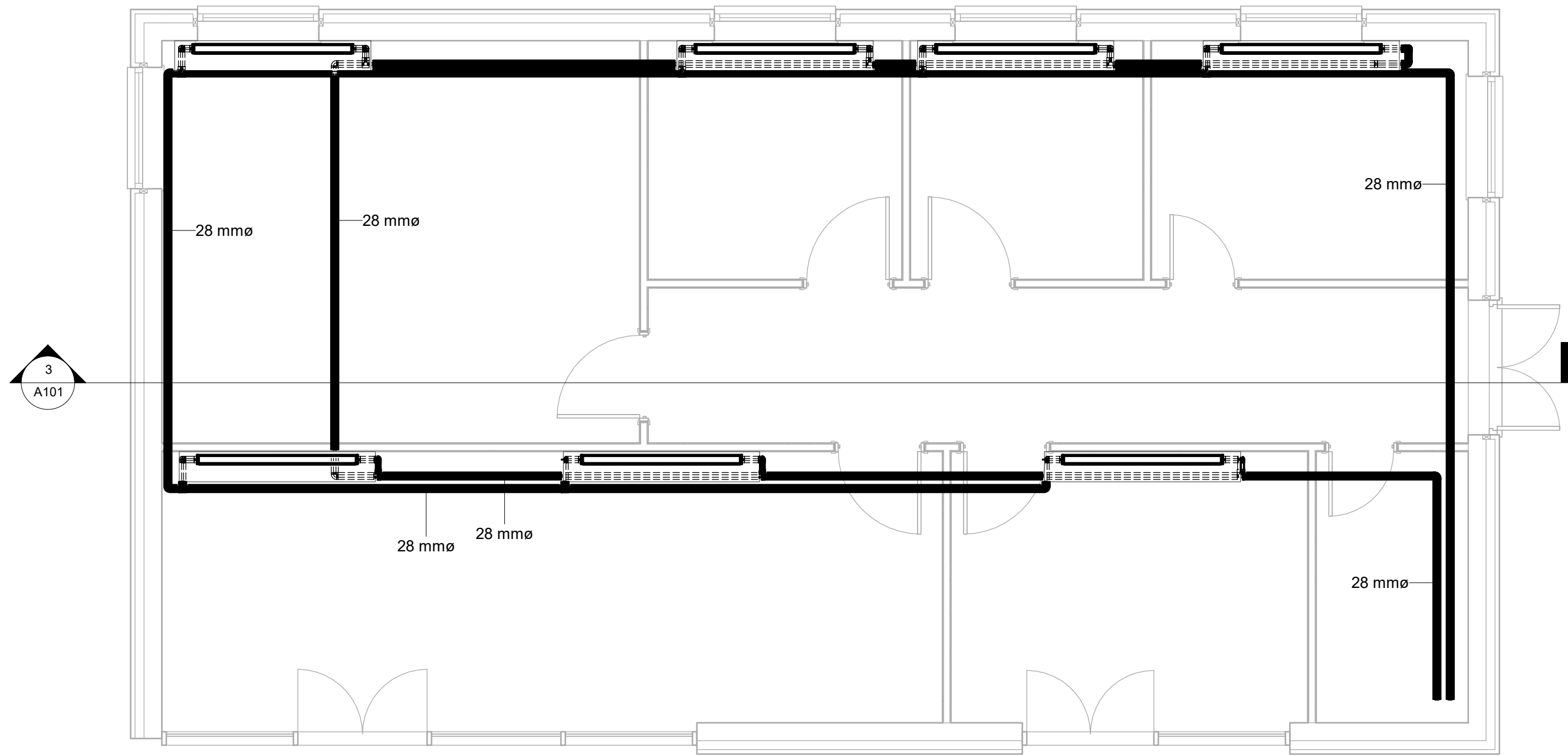
Date Issue Date

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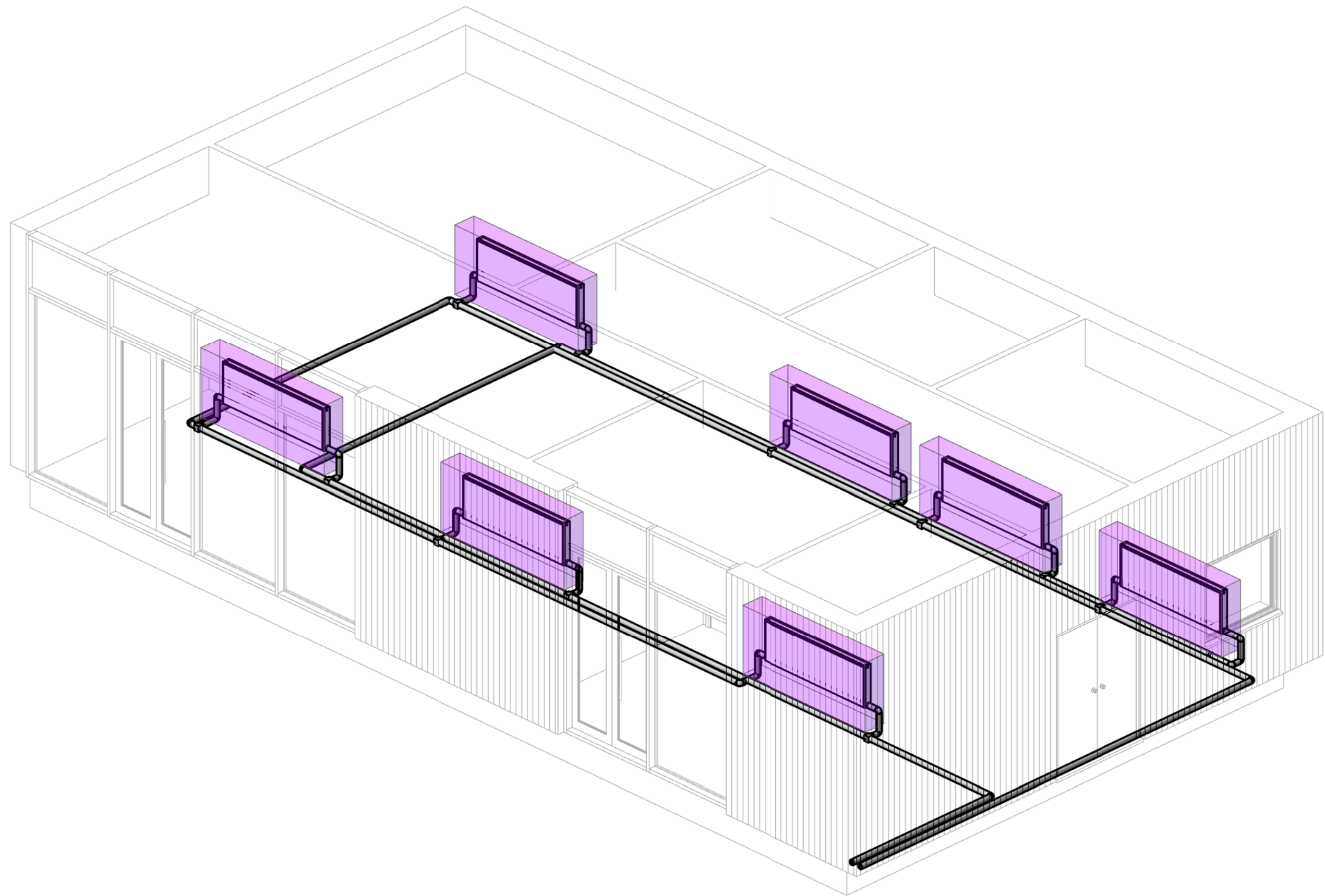
A102

Scale 1 : 50



0 - Plumbing - Hydronic

1 : 50



3D View Hydronic System

Hydronic Return System Pipe Fitting Schedule		
Family and Type	Size	Count
Elbow - Soldered - CU: Standard	22 mmø-22 mmø	15
Elbow - Soldered - CU: Standard	28 mmø-28 mmø	3
Reducer - Soldered - CU: Standard	22 mmø-20 mmø	7
Reducer - Soldered - CU: Standard	28 mmø-22 mmø	7
Tee - Soldered - CU: Standard	28 mmø-28 mmø-28 mmø	6

Hydronic Supply System Pipe Fitting Schedule		
Family and Type	Size	Count
Elbow - Soldered - CU: Standard	22 mmø-22 mmø	14
Elbow - Soldered - CU: Standard	28 mmø-28 mmø	4
Reducer - Soldered - CU: Standard	22 mmø-20 mmø	7
Reducer - Soldered - CU: Standard	28 mmø-22 mmø	7
Tee - Soldered - CU: Standard	28 mmø-28 mmø-28 mmø	6

Pipe Insulation Schedule				
Family and Type	Insulation Thickness	Pipe Size	Count	Length
Pipe Insulation: Phenolic Foam	25 mm		76	Not Computed
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	1	56
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	3	65
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	3	76
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	3	77
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	78
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	88
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	4	96
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	1	102
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	2	116
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	1	136
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	2	156
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	4	165
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	2	217
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	1	218
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	1	236
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	14	255
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	271
Pipe Insulation: Phenolic Foam	25 mm	22 mmø	1	312
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	401
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	2123
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	2462
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	2	2622
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	2656
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	2923
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	3106
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	4211
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	4231
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	4544
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	4584
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	5298
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	5319
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	5535
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	5575
Pipe Insulation: Phenolic Foam	25 mm	28 mmø	1	6982

Radiators Schedule			
Family and Type	Length	Height	Depth
nbl_Radiators: nbl_Radiators	1800	600	100
nbl_Radiators: nbl_Radiators	1800	600	100
nbl_Radiators: nbl_Radiators	1800	600	100
nbl_Radiators: nbl_Radiators	1800	600	100
nbl_Radiators: nbl_Radiators	1800	600	100
nbl_Radiators: nbl_Radiators	1800	600	100

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