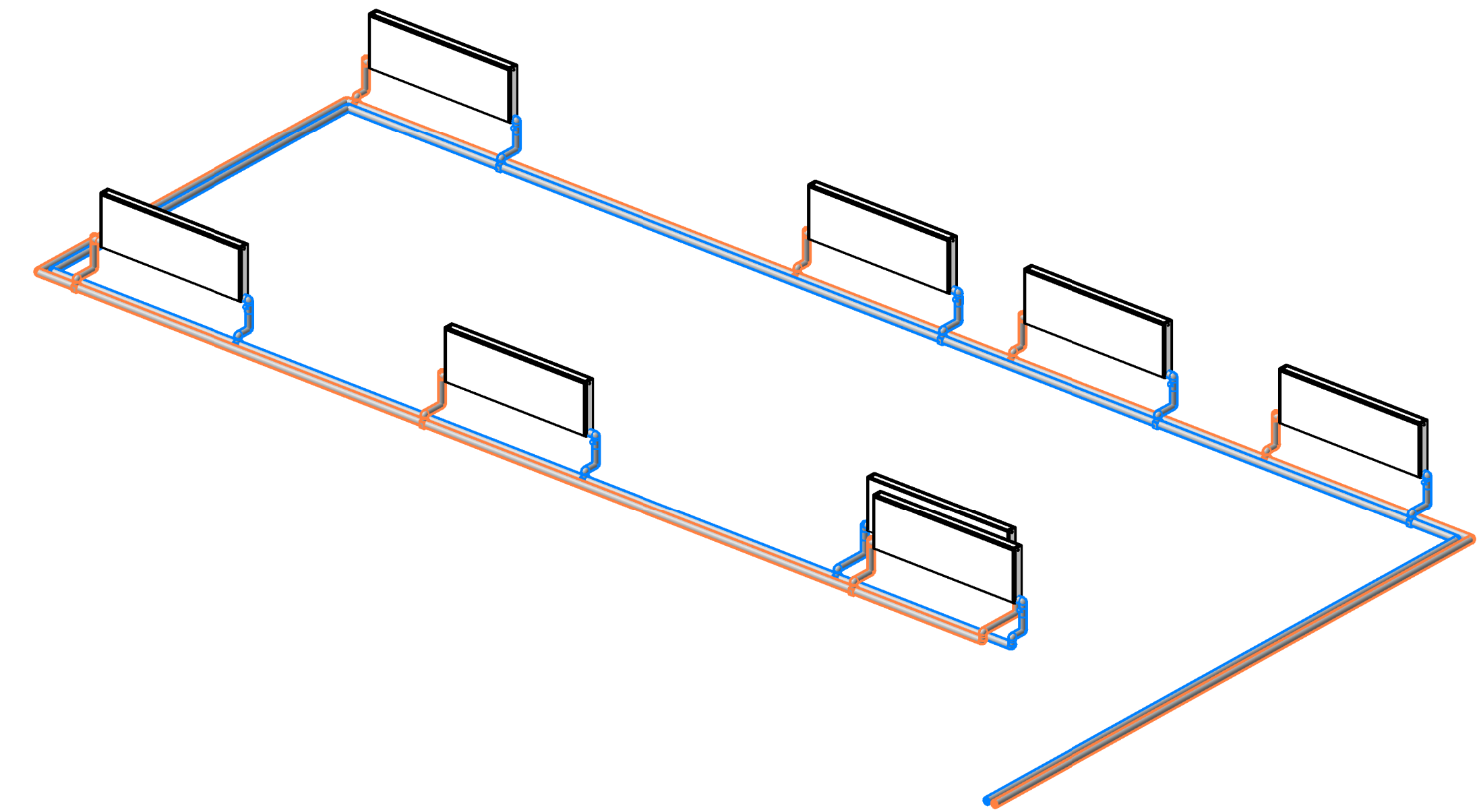


## 1 0 - Plumbing - Hydronic

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## 2 3D View Hydronic System

Radiator 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
nbl_Radiators: nbl_Radiators	1800	600	100

## 3 Valve Arrangement (Return)

Hydronic Return Pipe Fitting Schedule		
Family and Type	Size	Count
Elbow - Generic: Standard	15 mmø-15 mmø	24
Elbow - Generic: Standard	20 mmø-20 mmø	4
Tee - Generic: Standard	20 mmø-20 mmø-20 mmø	7
Transition - Generic: Standard	20 mmø-15 mmø	8

Pipe Insulation Schedule				
Type	Insulation Thickness	Pipe Size	Length	Count
Phenolic Foam	25 mm	20 mmø-20 mmø-20 mmø	Not Computed	14
Phenolic Foam	25 mm	20 mmø-20 mmø	Not Computed	8
Phenolic Foam	25 mm	20 mmø-15 mmø	Not Computed	16
Phenolic Foam	25 mm	20 mmø	7261	1
Phenolic Foam	25 mm	20 mmø	7161	1
Phenolic Foam	25 mm	20 mmø	5599	1
Phenolic Foam	25 mm	20 mmø	5587	1
Phenolic Foam	25 mm	20 mmø	5438	1
Phenolic Foam	25 mm	20 mmø	4682	1
Phenolic Foam	25 mm	20 mmø	4482	1
Phenolic Foam	25 mm	20 mmø	4399	1
Phenolic Foam	25 mm	20 mmø	4376	1
Phenolic Foam	25 mm	20 mmø	3192	1
Phenolic Foam	25 mm	20 mmø	3186	1
Phenolic Foam	25 mm	20 mmø	3179	1
Phenolic Foam	25 mm	20 mmø	2699	1
Phenolic Foam	25 mm	20 mmø	2697	1
Phenolic Foam	25 mm	20 mmø	2575	1
Phenolic Foam	25 mm	20 mmø	2342	1
Phenolic Foam	25 mm	20 mmø	2183	1
Phenolic Foam	25 mm	20 mmø	1909	1
Phenolic Foam	25 mm	20 mmø	1603	1
Phenolic Foam	25 mm	20 mmø	537	1
Phenolic Foam	25 mm	20 mmø	452	1
Phenolic Foam	25 mm	20 mmø	79	1
Phenolic Foam	25 mm	15 mmø-15 mmø	Not Computed	56
Phenolic Foam	25 mm	15 mmø	486	1
Phenolic Foam	25 mm	15 mmø	386	1
Phenolic Foam	25 mm	15 mmø	270	8
Phenolic Foam	25 mm	15 mmø	236	3
Phenolic Foam	25 mm	15 mmø	211	4

## 4 Valve Arrangement (Supply)

Hydronic Supply Pipe Fitting Schedule		
Family and Type	Size	Count
Elbow - Generic: Standard	15 mmø-15 mmø	16
Elbow - Generic: Standard	20 mmø-20 mmø	4
Tee - Generic: Standard	20 mmø-20 mmø-20 mmø	7
Transition - Generic: Standard	20 mmø-15 mmø	8

Pipe Insulation Schedule				
Type	Insulation Thickness	Pipe Size	Length	Count
Phenolic Foam	25 mm	15 mmø	174	2
Phenolic Foam	25 mm	15 mmø	172	1
Phenolic Foam	25 mm	15 mmø	169	1
Phenolic Foam	25 mm	15 mmø	163	1
Phenolic Foam	25 mm	15 mmø	162	1
Phenolic Foam	25 mm	15 mmø	152	1
Phenolic Foam	25 mm	15 mmø	146	1
Phenolic Foam	25 mm	15 mmø	136	3
Phenolic Foam	25 mm	15 mmø	111	4
Phenolic Foam	25 mm	15 mmø	72	1
Phenolic Foam	25 mm	15 mmø	67	1
Phenolic Foam	25 mm	15 mmø	59	1
Phenolic Foam	25 mm	15 mmø	57	1
Phenolic Foam	25 mm	15 mmø	54	1
Phenolic Foam	25 mm	15 mmø	52	1
Phenolic Foam	25 mm	15 mmø	48	1
Phenolic Foam	25 mm	15 mmø	46	1
Phenolic Foam	25 mm	15 mmø	44	1
Phenolic Foam	25 mm	15 mmø	36	1
Phenolic Foam	25 mm	15 mmø	35	1
Phenolic Foam	25 mm	15 mmø	34	1
Phenolic Foam	25 mm	15 mmø	30	1
Phenolic Foam	25 mm	15 mmø	29	2
Phenolic Foam	25 mm	15 mmø	27	4
Phenolic Foam	25 mm	15 mmø	25	2
Phenolic Foam	25 mm	15 mmø	24	1
Phenolic Foam	25 mm	15 mmø	17	15
Phenolic Foam	25 mm	15 mmø	15	1
Phenolic Foam	25 mm	15 mmø	10	1
Phenolic Foam	25 mm	15 mmø	8	1

Educational  
Exercise  
Not for  
Construction

Owner  
  
Revit MEP-03

Hydronic  
Systems

Project number RMEP03

Date Issue Date

Drawn by PV

Checked by Checker

M-103

Scale 1 : 50