

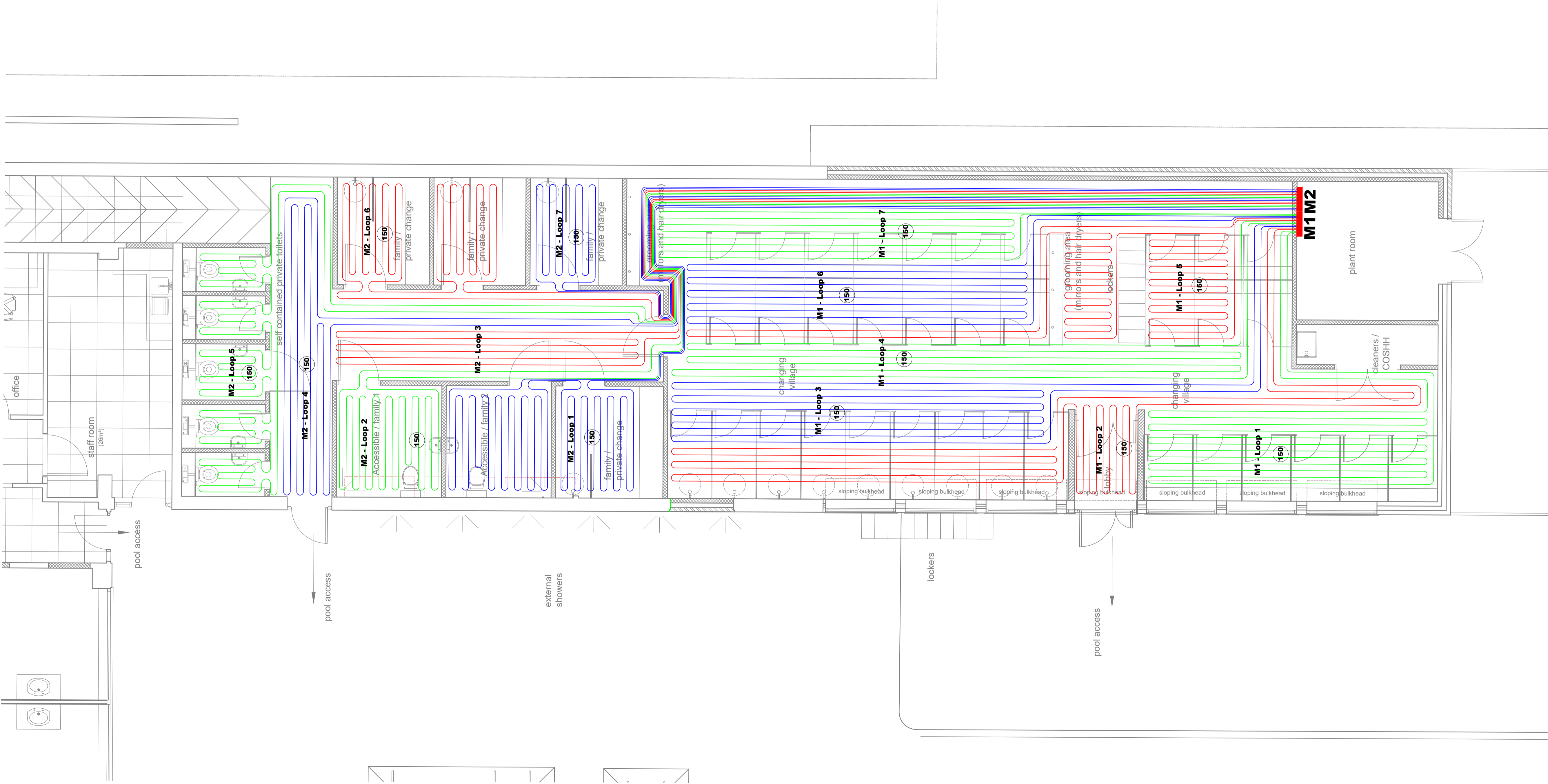
KEY PLAN (NTS)

MANIFOLD 1	Total Output (w)	9111	Flow temp °C	45
	Total Tube Length (m)	682	Return temp °C	35
	Max Head Loss (kPa)	23.5	Δt °C	10
	Total Water Volume (ltr)	77.7	Pipe diameter (mm)	16
	Total Flow Rate (l/m)	14.3	Total Flow Rate (kg/s)	0.239

Port	Room / Area	Pipe Spacing (mm)	Output (w)	Tube Length (m)	Flow Rate (l/m)	Head Loss (kPa)
1	Changing Village	150	1309	98	2.1	16.7
2	Changing Village / Lobby	150	1496	112	2.4	23.5
3	Changing Village	150	1470	110	2.3	22.5
4	Changing Village	150	1202	90	1.9	13.5
5	Changing Village	150	1216	91	1.9	13.9
6	Changing Village	150	1309	98	2.1	16.7
7	Changing Village	150	1109	83	1.7	11.1

MANIFOLD 2	Total Output (w)	5262	Flow temp °C	45
	Total Tube Length (m)	693	Return temp °C	35
	Max Head Loss (kPa)	11.4	Δt °C	10
	Total Water Volume (ltr)	78.9	Pipe diameter (mm)	16
	Total Flow Rate (l/m)	8.3	Total Flow Rate (kg/s)	0.138

Port	Room / Area	Pipe Spacing (mm)	Output (w)	Tube Length (m)	Flow Rate (l/m)	Head Loss (kPa)
1	Private Toilets / Change / Acc 2	150	873	115	1.4	10.3
2	Private Toilets / Change / Acc 1	150	714	94	1.1	4.9
3	Private Toilets / Change	150	645	85	1.0	4.3
4	Private Toilets / Change	150	805	106	1.3	8.5
5	Private Toilets / Change	150	911	120	1.4	11.4
6	Private Toilets / Change	150	782	103	1.2	8.0
7	Private Toilets / Change	150	532	70	0.8	3.4



This drawing is not to be scaled. All dimensions to be checked on site and any discrepancies to be reported to PB Design and Consultancy Ltd. All material is produced on behalf of PB Design and Consultancy Ltd. All drawings to be read in conjunction with specification where applicable.

GENERAL NOTES

This drawing to be read in conjunction with the mechanical specification

Do not Scale from this drawing

DRAWING SPECIFIC NOTES

- Refer to drawing 240502-M11 for details of connections to underfloor heating manifolds.
- Underfloor heating to be supplied and installed by Floor Heat Systems Ltd, 88A Lovell Rd, Oakley, Bedford MK43 7RX as quotation dated 1st October 2024

T01 11.09.24 Tender Issue

Rev Date Description

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CLIENT

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Hertfordshire,
SG12 9AL

PROJECT

Ware Priory Lido
Priory Street, Ware
Hertfordshire,
SG12 0DE
Proposed Extension and Refurbishment

PROJECT NUMBER 240502

DRAWING TITLE
Proposed Heating Services
Plan 2 of 2

DATE October 2024 SCALE 1:50

DRAWN BY PM CHK PM

DRAWING No 240502-M02 REV T01