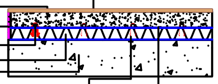
TYPICAL SOLID FLOOR CONSTRUCTION DETAIL

FLOOR FINISH & COVERING
- Must not exceed 0.15 m²k/w (1.5 TOG) resistance.
- Always check with supplier if finish is suitable for use with underfloor heating including adhesive if used.

FLOOR SCREED
- Normally 65-75mm from top of insulation.

EDGE INSULATION STRIP
- Extends from sub-floor to finish floor level.

SPEEDFIT 15mm B-PEX PIPE
- Laid in pattern as per design requirements

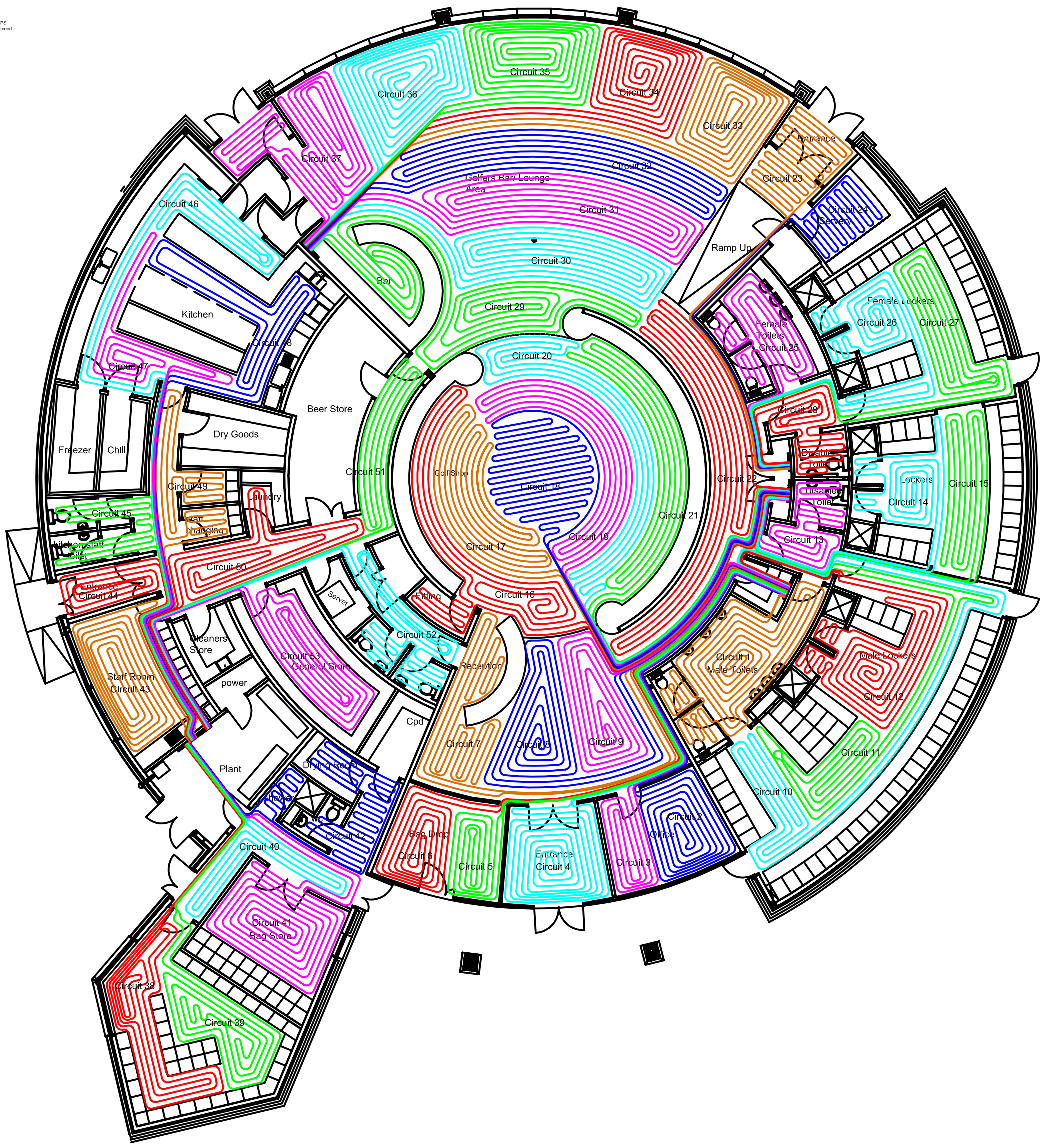


FLOOR INSULATION
- Mist comply with Building Regulation Part L.
- Recommend 50mm Min Rigid Foil Faced Board for fixing pipe with staples

SUB- FLOOR & DAMP PROVE MEMBRANE
- To Architect specification

PIPE STAPLES
- Normally installed every 400mm to 500mm to secure pipe.

DAMP PROVE MEMBRANE LAYER
- Check with insulation supplier if required on top of insulation specified.
- Normally only required with Standard EPS to protect against water damage from screed installation.



Manifold Ref	Circuit No.	Loop length
1	1	95m
1	2	80m
1	3	58m
1	4	99m
1	5	71m
1	6	84m
1	7	97m
1	8	90m
1	9	69m
1	10	86m
1	11	76m
1	12	89m
2	13	36m
2	14	65m
2	15	72m
2	16	100m
2	17	100m
2	18	101m
2	19	96m
2	20	96m
2	21	96m
2	22	99m
3	23	72m
3	24	56m
3	25	56m
3	26	71m
3	27	80m
3	28	41m
4	29	100m
4	30	94m
4	31	105m
4	32	105m
4	33	97m
4	34	93m
4	35	98m
4	36	36m
4	37	84m
5	38	85m
5	39	72m
5	40	40m
5	41	94m
5	42	69m
5	43	74m
5	44	46m
5	45	48m
5	46	84m
5	47	67m
5	48	84m
5	49	62m
6	50	72m
6	51	69m
6	52	69m
6	53	75m

JG Speedfit

Underfloor Heating

JG Speedfit
Horton Rd,West Drayton, Middlesex UBL 8JL
Tel : 01895-449233 Fax : 01895-422086
www.speedfit.co.uk
Technical Helpdesk 01895 425333

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The design of the UFH system shown in this drawing is supplied in good faith based upon the information provided by the client. The position and type of boilers, pipework and other equipment is indicative only and should therefore not be scaled from the drawing but confirmed on site as per the customer's specification.

<ADDITIONAL DRAWING NOTES>

ALL DETAILS TO BE CHECKED & CONFIRMED BY CUSTOMER PRIOR TO INSTALLATION AND ANY DEVIATIONS FROM THE DESIGN ASSUMPTIONS NOTIFIED TO JG SPEEDFIT IMMEDIATELY.

WHEN PIPES PASS THROUGH HEATED AREAS EN-ROUTE TO THE HEATED ZONES, CONSIDERATION SHOULD BE GIVEN TO SLEEVING TO MINIMIZE HEAT LOSS.

ALL PIPES TO BE SLEEVED WHEN EXITING FLOOR SCREED AROUND MANIFOLD. PIPES TO BE SLEEVED ACROSS CONSTRUCTION JOINTS IN FLOOR AND WHEN PASSING THROUGH DOOR THRESHOLDS.

Scale : 1:100 @ A1	Date: 03-07-07
Drg By : DW	Ckd By: MCC
Client : SMS	
Project : No 7 New Course	
St Andrews Bay	
Drg No : 0607-112-AF-AF (Sheet 1)	