



EXTENT OF BED JOINT REINFORCEMENT BRICKTOR SBT60CCR TO BE LAID EVERY 6th COURSE (ALL SUBJECT TO PROJECT ENGINEERS APPROVAL)

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Accessible entrance platt to comply with the Building Regs

ENSURE STOVE FLUE OPERATES CORRECTLY WHILST MVR SYSTEM IS RUNNING ALL TO COMPLY WITH RE IP 7/9 AND THE BUILDING REGS

The thermostat controls loop 1 - 3

PIPE ALLOTMENT	
140 m, Reel 1: L 1 & 6 (126 m)	
240 m, Reel 2: L 2 - 5 (229 m)	

- DIRECTION OF FLOW
- MANIFOLD
- MOUNTING RAIL
- THERMOSTAT
- FEEDING PIPE

ATTENTION

- * READ ALL MANUALS.
- * DRAWING IS ACHIEVED ON RECIEVED DRAWINGS.
- * MARK LOOPS ACCURATE.
- * PREASURE THE SYSTEM WITH 3-4 BAR DURING NO LESS THEN 2h
- * IN CASE WE HAVE NOT BEEN SUPPLIED WITH POWERNEEDS FOR EACH ROOM WE HAVE ASSUMED VALUES OF PRESSURE, TEMPERATURE AND FLOW.

Store this drawing by the manifold

Loops are laid at c/c 200mm

BET	ANT	ANDRINGEN AVSER	SIGN	DATUM
CONSTRUCTION DRAWING				
PRODUCTION DWELLING-HOUSE				
ORCHARD EGGS				
UPPDRAG NR	RITAD AV	HANDLÄGGARE		
	DW	D WESTMAN		
DATUM	ANSVARIG			
2016-07-19				
FLOORHEATING DRAWING				
GROUND FLOOR PLAN				
FLOORHEATING IN CONCRETE				
MR & MRS HOEBERICHTS				
LC VÄRMEGRUND AB				
SKALA	RITN NR			BET
1:100 A3	V56-376741			

Ground Floor Plan 1:50 **Underfloor Heating To Ground Floor Only**



Date: 2016-07-19
 Objekt: Orchard eggs
 Ref nr: 376741
 Mainfold:
 Area: 80
 One dimensionsheet per mainfold

Pipe No	Room	Pipedim mm	Temp.drop °C	CC Rand mm	Randzone m	CC mm	Length m	Output W/m ²	Roomtemp °C	Floortemp °C	Area m ²	Flow l/s	Pres.fall kPa	Turns fr. closed valve
1	Living area	17x2	5.0	200	69	300	75	60	20	25.6	14.31	0.0429	9.6	5.5
2	Living area	17x2	5.0	200	58	300	73	55	20	25.1	14.77	0.0406	8.6	4.25
3	Living area	17x2	5.0	200	12	300	63	45	20	24.2	16.24	0.0365	6.5	3.25
4	Utility	17x2	4.0	200	0	300	37	45	20	24.2	10.18	0.0286	3.2	2.75
5	Bedroom 4	17x2	5.0	200	24	300	56	55	20	25.1	13.21	0.0363	5.8	3.25
6	Vest./Hall	17x2	5.0	200	30	300	51	50	20	24.6	11.28	0.0282	3.9	2.75

5.5 turn = fully open valve

MAINFOLDDATA		FEEDINGPIPE						
Feedingtemp (°C):	38	Total pipelength (m):		Cu	Plastic	A. Untighten the plastic cap on adjustmentvalve using 5 mm hexagon key. B. Close lover brass-seat clockwise using 5 mm hexagon key. C. Untighten plasticring anti-clockwise using 6 mm hexagon key. ATT! Do not untighten all the way. D. Open lover brass-seat , anti-clockwise, number of turns (0.5, 1.0, 1.5, ...) according to list above. E. Tighten plasticring clockwise. F. Tighten plastic cap.		
Total pipelength (m):	355.0	∅ (mm):						
Total pressuredrop (1) (kPa):	9.62	Flow (m/s):	0	0				
Total flow (l/s):	0.213	Pressuredrop (2) kPa):	0	0				
		Dim. press.drop (1+2) (kPa)	0	0		The floorcoating that insulates the floorheating most efficiant is dimensioning for the feedingtemperature in this system. Dimensioning floorconstruction for feedingtemperature is: 80mm täckande Btg+2mm Foam/Lumpapp+15mm Trä		
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