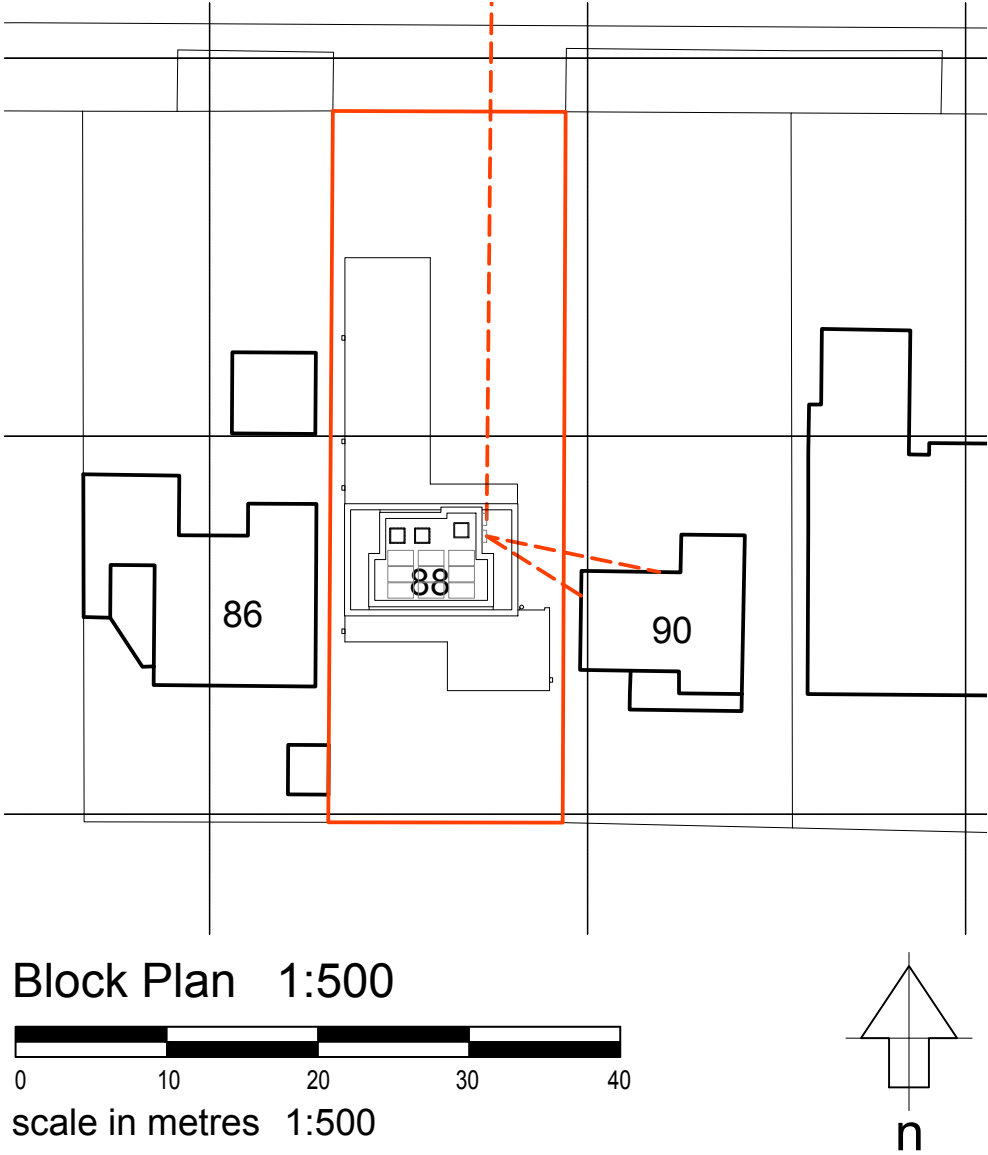
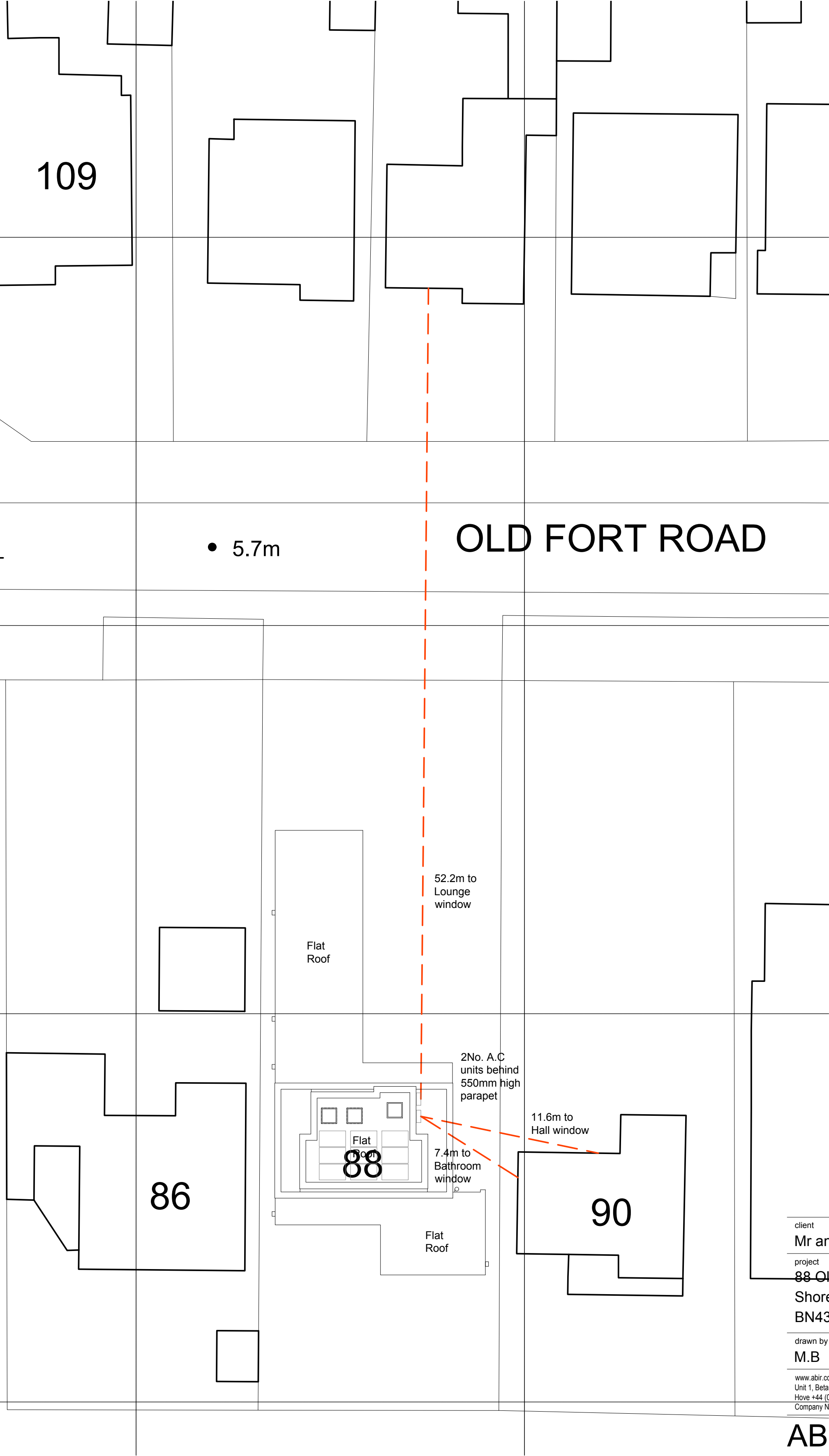


amendments			auth	chkd.
rev.	date	comment		
-	-	-	-	-

Project Details (optional)	
Installation address	88 Old Fort Road
Heat pump make & model	Mitsubishi MUZ-EF50VG A.C Unit
Heat pump installation location	As indicated on ABIR drawing 0719.PL.004

Step		Assessment Position 1	Assessment Position 2	Assessment Position 3	Assessment Position 4
1	Date calculation undertaken	14.04.26	14.04.26	14.04.26	
2	Description of assessment position	To West face of 90 Old Fort Road (Bathroom)	To North Face of 90 Old Fort Road (Hall)	To South face 113 Old Fort Road (Lounge)	
3	A-weighted sound power level, dB(A)	52	52	52	
4	Determination of directivity (Q) - select number of reflective surfaces	two reflective surfaces	two reflective surfaces	two reflective surfaces	one reflective surface
5	Distance from heat pump to assessment positions, in m	7.4	11.6	52.2	
6	Determination of barrier correction - select barrier type	no barrier	no barrier	no barrier	close board fence (<18mm thick boards)
	Determination of barrier correction - select line of sight	partial view	partial view	partial view	no view
7	Calculate sound pressure level	29.6	25.7	12.7	#DIV/0!
8	Pass/fail noise limit of 37.0 dB(A)	pass	pass	pass	#DIV/0!



• 5.7m

OLD FORT ROAD

52.2m to Lounge window

2No. A.C units behind 550mm high parapet

11.6m to Hall window

7.4m to Bathroom window

client		drawing number	revision
Mr and Mrs Williams		0719.PL.004	
project		drawing title	
88 Old Fort Road Shoreham By Sea BN43 5HB		Proposed A.C Unit Analysis	
		Planning	
drawn by	checked by	riba work stage	date
M.B	G.I	3	April '24
		scale/original sheet size	
		1:200 @ A2	
www.abir.co.uk studio@abirarchitects.co.uk Unit 1, Beta House, St John's Road, Hove, BN3 2FX, United Kingdom Hove +44 (0)1273 724 384 Company No 06877117 VAT No 971 4147 17		© ABIR Architects Ltd. Check all dimensions on site before work is undertaken. All goods, materials and workmanship to conform with current building regulations, BSS and COP's.	

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