Notes:

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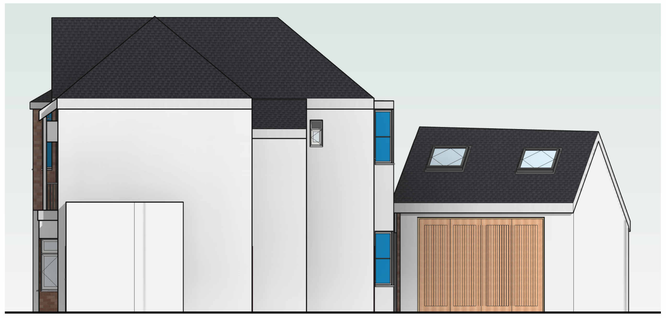
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, SERVICE ENGINEER'S AND ARCHEVOLVE AND SPECIFICATIONS.



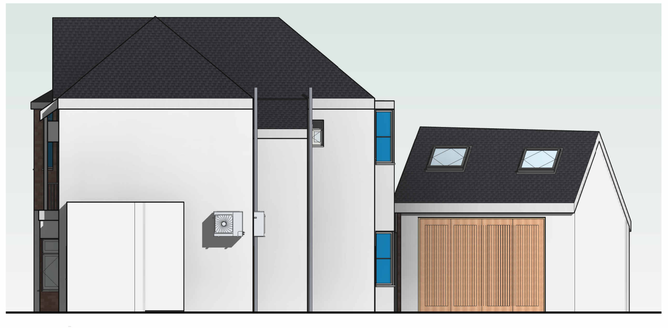
Existing South Rear Elevation
1 : 100



Proposed South Rear Elevation
1 : 100



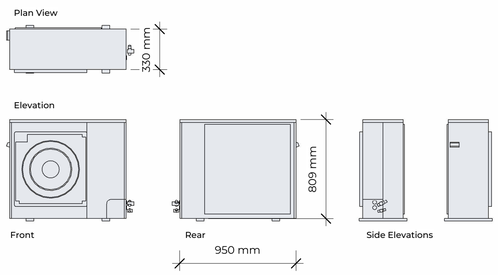
Existing East Side Elevation
1 : 100



Proposed East Side Elevation
1 : 100



Air Source Heat Pumps



Single Unit					EBLA	04E(3)V3	06E(3)V3	08E(3)V3
Heating capacity	Nom.				kW	4.30 (1) / 4.60 (2)	6.00 (1) / 5.90 (2)	7.50 (1) / 7.80 (2)
Power input	Heating	Nom.			kW	0.84 (1) / 1.26 (2)	1.24 (1) / 1.69 (2)	1.63 (1) / 2.23 (2)
COP						5.10 (1) / 3.65 (2)	4.85 (1) / 3.50 (2)	4.60 (1) / 3.50 (2)
Cooling capacity	Nom.				kW	4.86 (1) / 4.52 (2)	5.83 (1) / 5.09 (2)	6.98 (1) / 5.44 (2)
Power input	Cooling	Nom.			kW	0.82 (1) / 1.36 (2)	1.08 (1) / 1.55 (2)	1.39 (1) / 1.73 (2)
EER						5.91 (1) / 3.32 (2)	5.40 (1) / 3.28 (2)	5.39 (1) / 3.14 (2)
Space heating	Average climate water outlet 55 °C	General		ηs (Seasonal space heating efficiency)		129	126	131
				SCOP		3.29	3.28	3.35
				Seasonal space heating eff. class		A++		
	Average climate water outlet 35 °C	General		ηs (Seasonal space heating efficiency)		179	178	181
				SCOP		4.54	4.52	4.61
				Seasonal space heating eff. class		A+++		
Casing	Colour					Ivory white		
	Material					Zinc coated low carbon steel		
Dimensions	Unit	Height/Width/Depth			mm	770 x 1,250 x 362		
Weight	Unit				kg	EV3: 88, E3V3: 91		
Compressor	Quantity					1		
	Type					Hermetically sealed swing compressor		
Operation range	Heating	Ambient	Min.~Max.		°CWB	-25 ~ 35		
		Water side	Min.~Max.		°C	EV3: 9 ~ 65 / E3V3: 15 ~ 65		
	Cooling	Ambient	Min.~Max.		°CDB	10 ~ 43		
		Water side	Min.~Max.		°C	5 ~ 22		
	Domestic hot water	Ambient	Min.~Max.		°CDB	-27 ~ 35		
		Water side	Min.~Max.		°C	25 ~ 55		
Refrigerant	Type					R-32		
	GWP					675		
	Charge				kg	1.85		
	Charge				TCO2Eq	0.91		
	Control					Expansion valve		
Sound power level	Heating	Nom.			dBA	58	60	62
Power supply	Name/Phase/Frequency/Voltage				Hz/V	V3/1~/50/230		
Current	Recommended fuses				A	20		25

(1) Cooling Ta 35°C - LWA 10°C (DT=7°C), Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C). (2) Cooling Ta 35°C - LWA 7°C (DT=5°C), Heating Ta DB/WB 7°C/6°C - LWC 55°C (DT=5°C). This product contains fluorinated greenhouse gases.
*Domestic hot water in combinations with stainless steel tank EKHWS(U)-D and ECH2O thermal store EKHWP-(P)B.

ASHP
1 : 25

0m 0.5m 1m 1.5m 2m 2.5m

VISUAL SCALE 1:25 @ A1

0m 1m 2m 3m 4m 5m

VISUAL SCALE 1:50 @ A1

Revision Number	Revision Description	Issued by	Revision Date

DATE: 22/04/24

STATUS: PLANNING ISSUE

SHEET SIZE: A1

SCALE: As indicated

DRAWN: AP

CHECKED:

CLIENT: Mr A Dichello

SITE ADDRESS: 34 Railway Approach

DRAWING: ASHP Units to the 2 Units

TITLE: Existing and Proposed Elevations

REVISION:

DRAWING NO: ACR/014/23/13

PROJECT NO: RailwayApprocah

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