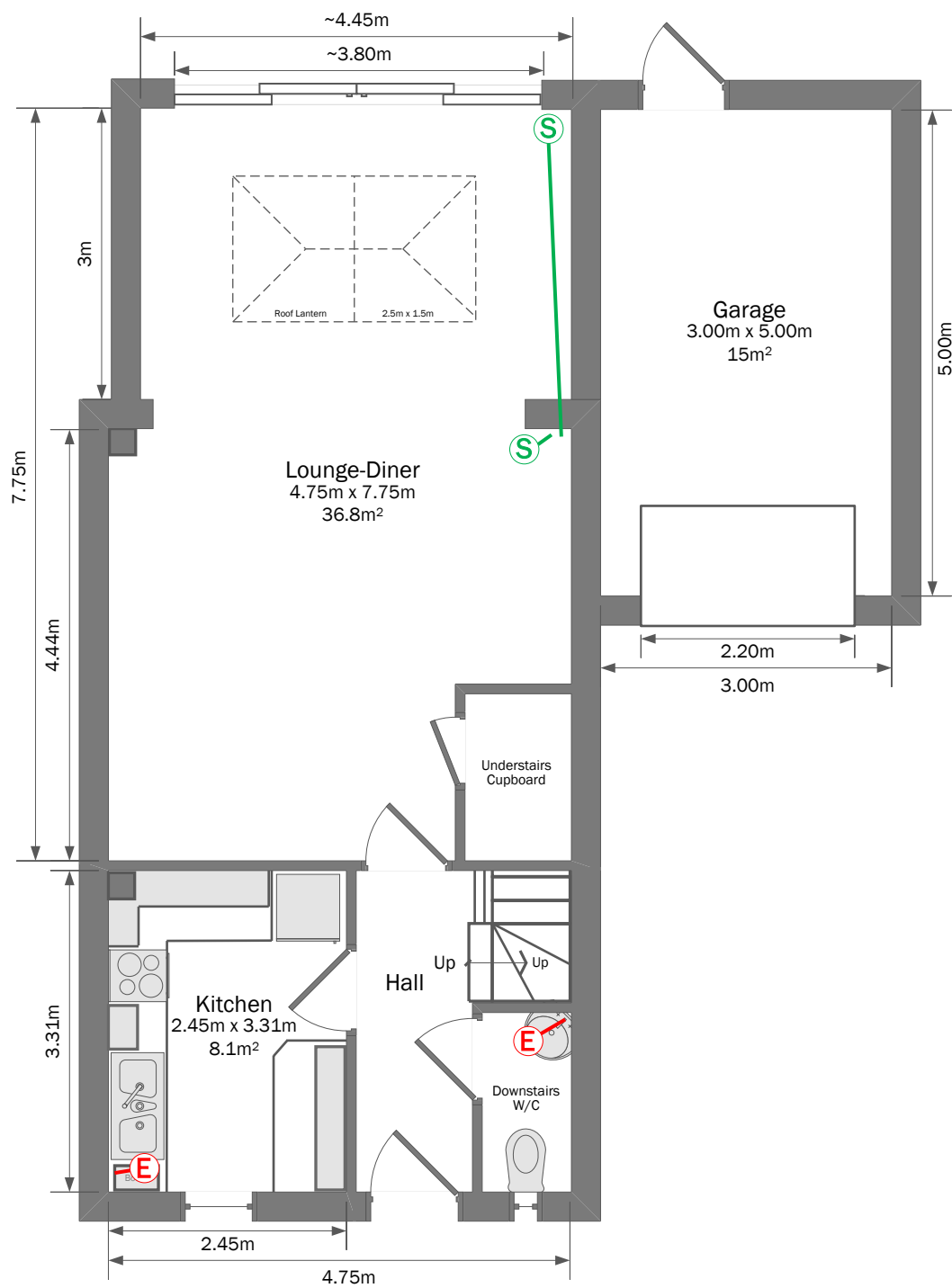
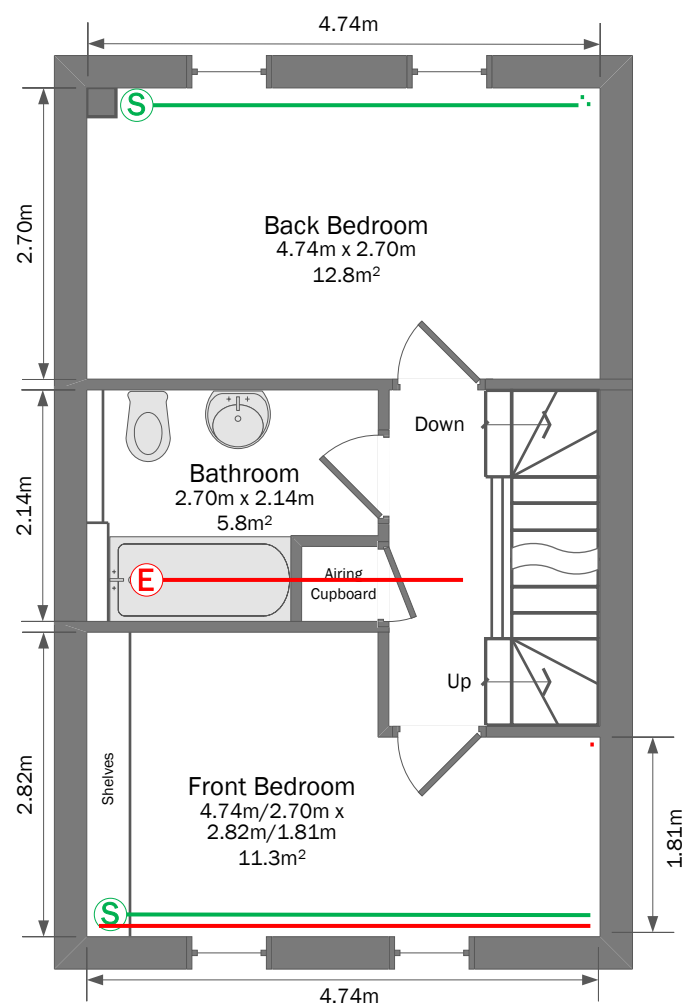
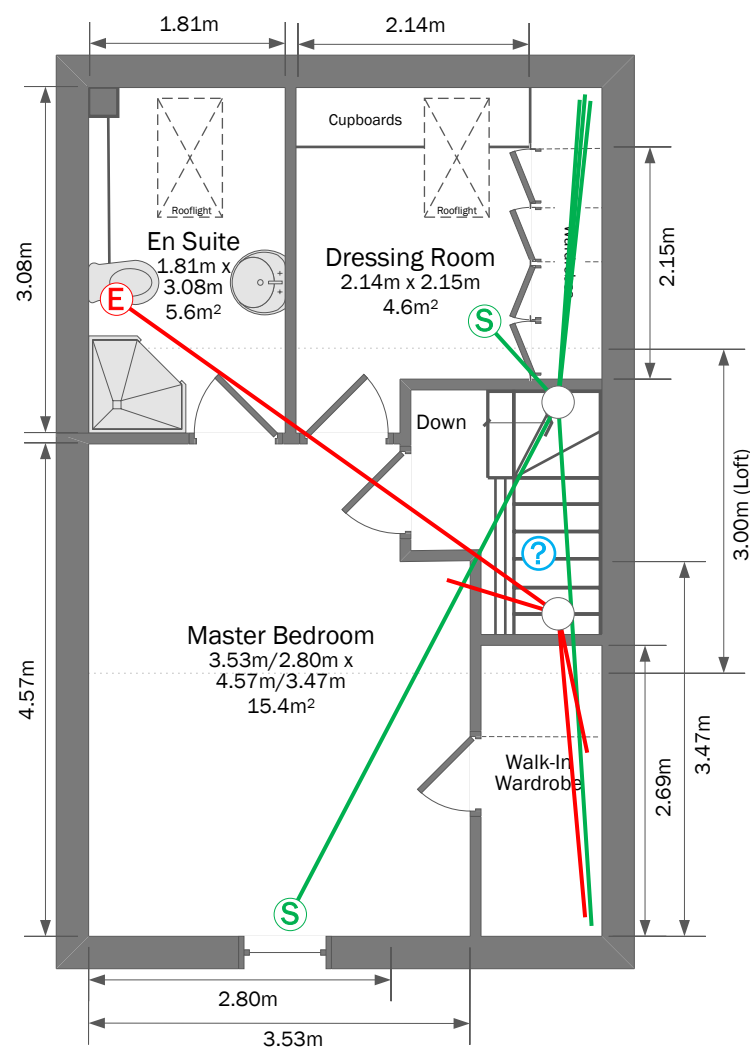




Ground Floor
~51m²



Middle Floor
~37m²



Top Floor
~37m²

Supply	Duct Length (m)	No. 90° Bends	Target Boost Rate (L/s) (m³/h)		Restrictor (mm)	Extract	Duct Length (m)	No. 90° Bends	Target Boost Rate (L/s) (m³/h)		Restrictor (mm)
Lounge 1 (Ext)	10.88	2	5.8	20.88	55	Kitchen	12.37	4	13	46.8	None
Lounge 2 (Main)	7.86	2	5.8	20.88	48	Downstairs W/C	6.31	2	6	21.6	30
Back Bedroom	9.3	2	5.8	20.88	48	Bathroom	6.35	2	8	28.8	30
Front Bedroom	11.64	2	5.8	20.88	None	En Suite	5.02	0	8	28.8	30
Dressing Room	1.01	0	5.8	20.88	36						
Master Bedroom	5.35	0	5.8	20.88	42						
Sub Total (m)	46.04	Total:	34.8	125.28		Sub Total (m)	30.05	Total:	35	126	
									50	% max (Xpelair Natural Air 180)	
						TOTAL LENGTH (m):		76.09			
Floor Area (m²)	125										
Building Regs Background Rate (L/s)	37.5	Based on 0.3L/s/m² (Table 5.1b Note a of AD Part L)									
Building Regs Background Rate (L/s)	21	Based on 3 bedrooms (Table 5.1b of AD Part L)									
Minimum Background Rate (L/s)	37.5										
Minimum Boost Rate (L/s)	35	Based on sum of extract rates for wet rooms (Table 5.1a of AD Part L)									

Total Floor Area ~125m²