

WINDOW SCHEDULE									
Ref. No.	Size mm	Area (m²)	Location	Description	Obscured	Fire Esc	Backgnd	Lintel	
[W1]	2379x450	3.86	Living Room	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	Beam 12	
[W2]	4x 800x300	1.06	Ventilator	PCA OR UPVC, double glazed - Colour - Anthracite Grey			8800	CG90/100	
[W3]	300x1800	0.54	Hall	PCA OR UPVC, double glazed - Colour - Anthracite Grey			0	CH90/100	
[W4]	300x1800	0.54	Hall	PCA OR UPVC, double glazed - Colour - Anthracite Grey			0	CG90/100	
[W5]	1770x1350	2.39	Study	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	CH90/100	
[W6]	1250x1200	1.50	Study	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	CG90/100	
[W7]	915x1050	0.96	Utility	PCA OR UPVC, double glazed - Colour - Anthracite Grey			8800	CG90/100	
[W8]	450x1800	1.13	Family	PCA OR UPVC, double glazed - Colour - Anthracite Grey			5000	CH90/100	
[W9]	2379x1500	3.51	Family	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	CG90/100	
[W10]	915x1050	0.96	Kitchen	PCA OR UPVC, double glazed - Colour - Anthracite Grey			8800	CH90/100	
[W11]	1770x1350	2.39	Dining Room	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	CH90/100	
[W12]	1200x300	0.36	Living Room	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	CH90/100	
[W13]	1200x300	0.36	Living Room	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	Beam 9	
[W14]	300x160mm	0.20	En-Suite 3	PCA OR UPVC, double glazed - Colour - Anthracite Grey	YES		0	CG90/100	
[W15]	475 dia	0.18	En-Suite 3	PCA OR UPVC, double glazed - Colour - Anthracite Grey	YES		0	CG90/100	
[W16]	1770x1350	2.39	Bedroom 4	PCA OR UPVC, double glazed - Colour - Anthracite Grey		YES	10000	CX90/100	
[W17]	1500x1200	1.80	Bedroom	PCA OR UPVC, double glazed - Colour - Anthracite Grey	YES		10000	CG90/100	
[W18]	630x750	0.47	En-Suite 1	PCA OR UPVC, double glazed - Colour - Anthracite Grey	YES		5000	CH90/100	
[W19]	1500x1050	1.58	Bedroom 5	PCA OR UPVC, double glazed - Colour - Anthracite Grey			10000	CG90/100	
[W20]	1770x1350	2.39	Bedroom 2	PCA OR UPVC, double glazed - Colour - Anthracite Grey		YES	10000	CG90/100	
[W21]	630x750	0.47	En-Suite 2	PCA OR UPVC, double glazed - Colour - Anthracite Grey	YES		5000	CH90/100	
[W22]	1160x1600mm	1.45	Landing	PCA OR UPVC, double glazed - Colour - Anthracite Grey			0	Ang Lin	
[RW1]	520x780	0.43	Bedroom 2	Velux GGL 2064 CK02 Roof Window			2400	Tim. Trim.	
[RW2]	1340x1400	1.88	Bedroom 3	Velux GGL 2064 UK0B Roof Window			4400	Tim. Trim.	
[RW3]	1340x1400	1.88	Bedroom 3	Velux GGL 2064 UK0B Roof Window			4400	Tim. Trim.	
[RW4]	1340x1400	1.88	Bedroom 1	Velux GGL 2064 UK0B Roof Window			4400	Tim. Trim.	
[RW5]	1340x1400	1.88	Bedroom 1	Velux GGL 2064 UK0B Roof Window			4400	Tim. Trim.	
Total		38.84		AREA - Ground Floor 150.99m² - First Floor 134.36m² - TOTAL - 285.32m²					
Glazed Dr		36.80					67400		
Total G		75.44		Total Background Ventilation Requirement - 198.000mm²			248000		

GLAZING:
All glazing to be designed and fitted to comply with BS 6262 - 4: 2018.
Safety glazing to be fitted in all critical areas in accordance with Approved Document K of the Building Regulations (2013 Edition).
All external doors, window and glazed screens to double glazing units (4mm 'low E' - 20mm cavity (Argon filled) - 4mm annealed glass - with a U - Value of 1.1W/m²K or better, or to comply with Approved Document L1 of The Building Regulations 2000, 2006 Edition.

ESCAPE WINDOWS:-
Provide emergency egress windows (indicated E.W.) to any newly created first floor habitable rooms and ground floor inner rooms. Windows to have an unobstructed operable area of 450mm high x 450mm wide. The bottom of the operable area should not be more than 1100mm above the floor. The window should enable the person to reach a place free from danger from fire.
All glazing to be designed and fitted to comply with BS 6262 - 4: 2018.
Safety glazing to be fitted in all critical areas in accordance with Approved Document K of the Building Regulations (2013 Edition).
All windows opening over ramps or footpaths to be fitted with restrictors.
Where windows are replaced or new windows are installed on first floor levels or inner rooms at ground floor level it is not a Building Regulations requirement to provide escape windows but it is strongly recommended.

BACKGROUND AND PURGE VENTILATION
Background ventilation - Controllable background ventilation via trickle vents to BS EN 13141-3 within the window frame to be provided to new habitable rooms at a rate of not less than 5000mm³/s and to kitchen, bathrooms, WCs and utility rooms at a rate of 2000mm³/s.
Purge ventilation - New Windows/roofs to have operable area in excess of 120mm of their floor area, if the window opens more than 30° or 1100mm of their floor area if the window opens less than 30°.
Internal doors should be provided with a 10mm gap below the door to aid air circulation.
Ventilation provision in accordance with the Domestic Ventilation Compliance Guide.

EXTERNAL DOOR SCHEDULE									
Ref. No.	Struct Op	Door Leaf	Glazed	Location	Description	Backgnd	Lintel		
[D1]	940x2100	838x1981	1.97	Front Door	PCA, Client Choice - double glazed panel - Colour - Anthracite Grey	5000	CG90/100		
[D2]	940x2100	838x1981	1.97	Utility	PCA, Client Choice - d. g. top panel - Colour - Anthracite Grey	5000	CG90/100		
[D3]	2400x2100	3x 762x1981	5.04	Family Room	PCA, Sliding Panels - double glazed panel - Colour - Anthracite Grey	10000	CX90/100		
[D4]	1610x2100	2x 762x1981	3.38	Kitchen	PCA, French Doors - double glazed panel - Colour - Anthracite Grey	10000	CG90/100		
[D5]	3000x2100	3x 900x1981	6.30	Dining Room	PCA, Sliding Panels - double glazed panel - Colour - Anthracite Grey	10000	Beam 4		
[D6]	1160x2100	3x 533x1981	2.44	Bedroom 3	PCA, French Doors - double glazed panel - Colour - Anthracite Grey	8800	Struct. Eng.		
[D7]	3014x2100	466x1981	12.00	Landing	PCA, 160 panels & over - d. g. panels - Colour - Anthracite Grey	10000	Struct. Eng.		
[D8]	1760x2100	2x 838x1981	3.70	Bedroom 1	PCA, French Doors - double glazed panel - Colour - Anthracite Grey	8800	CG90/100		
Total			36.80			67400			

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Safety glazing to be fitted in all critical areas in accordance with Approved Document K of the Building Regulations (2013 Edition).
All external doors, window and glazed screens to double glazing units (4mm 'low E' - 20mm cavity (Argon filled) - 4mm annealed glass - with a U - Value of 1.1W/m²K or better, or to comply with Approved Document L1 of The Building Regulations 2000, 2006 Edition.

INTERNAL DOOR SCHEDULE									
Ref. No.	Struct Op	Door Leaf	Fire Door	Location	Description	Lintel			
[D9]	1025x2025	2x 533x1981		Coats	Client's Choice	Timber			
[D10]	922x2025	838x1981		Hall	Client's Choice	BHD100			
[D11]	1610x2025	2x 762x1981		Living Room	Client's Choice	BHD100			
[D12]	3440x2025	2x 838x1981		Dining Room	Client's Choice - Pocket door gear	Beam 8			
[D13]	922x2025	838x1981		Utility	Client's Choice	CH100			
[D14]	2936x2025	2x 686x1981		Kitchen	Client's Choice - Pocket door gear	BHD140			
[D15]	922x2025	838x1981		WC	Client's Choice	Beam 7			
[D16]	922x2025	838x1981		Study	Client's Choice	Beam 7			
[D17]	844x2025	762x1981		Bedroom 3	Client's Choice	Timber			
[D18]	844x2025	762x1981		En-Suite 3	Client's Choice	Timber			
[D19]	1152x2025	2x 533x1981		Wardrobe 4	Client's Choice	Timber			
[D20]	844x2025	762x1981		Bedroom 2	Client's Choice	Timber			
[D21]	1750x2025	3x 610x1981		Wardrobe 3	Client's Choice	Timber			
[D22]	844x2025	762x1981		En-Suite 2	Client's Choice	Timber			
[D23]	844x2025	762x1981		Bedroom 1	Client's Choice	Timber			
[D24]	844x2025	762x1981		Dressing Room	Client's Choice	Timber			
[D25]	2310x2025	4x 610x1981		Wardrobe 1	Client's Choice	Timber			
[D26]	2310x2025	4x 610x1981		Wardrobe 2	Client's Choice	Timber			
[D27]	844x2025	762x1981		En-Suite 1	Client's Choice	Timber			
[D28]	1610x2025	2x 762x1981		Living Cupboard	Client's Choice	Timber			
[D29]	844x2025	762x1981		Bathroom	Client's Choice	Timber			
[D30]	540x2025	457x1981		Cubboard 1	Client's Choice	Timber			
[D31]	844x2025	762x1981		Bedroom 4	Client's Choice	Timber			
[D32]	1224x2025	2x 610x1981		Wardrobe 5	Client's Choice	Timber			
[D33]	922x2025	838x1981		Plant	Client's Choice	Timber			

Chimney to be formed as an external cavity wall - nominal 300mm full-fill insulated cavity - to achieve 0.18 W/m²K U-value.
102.5mm face brick outer leaf; 100mm cavity full filled with 90mm Kingspan K106 Cavity Board OR 90mm Recticel Eurowall® (Plus) or similar approved (K value 0.018W/m²K) insulation as manufacturer's details. Inner leaf to be 100mm block. Thermal conductivity 0.11 W/mK, e.g. Celcon Solar, ThermaLite Turbo, Durux Supablock, Ylong 3.6 Standard. Internal finish to be 12.5mm plasterboard on dots.

FULL FILL CAVITY WALL - Facing Brick Outer Leaf to achieve minimum U Value of 0.18W/m²K (302.5mm o/c thickness).
Designed U value 0.17W/m²K.
New cavity wall to comprise of 102.5mm facing brick as Planning Approval. Full fill cavity with 90mm Kingspan K106 Cavity Board OR 90mm Recticel Eurowall® (Plus) or similar approved (K value 0.018W/m²K) insulation as manufacturer's details. Inner leaf to be 100mm block. Thermal conductivity 0.11 W/mK, e.g. Celcon Solar, ThermaLite Turbo, Durux Supablock, Ylong 3.6 Standard. Internal finish to be 12.5mm plasterboard on dots. Walls to be built with 1:1.6 cement mortar.

ELECTRICAL LEGEND (Building Regulations):	
[E1]	BS 1363 16A 13A 15A 20A 32A 40A 63A 100A 125A 160A 250A 315A 400A 500A 630A 800A 1000A 1250A 1600A 2000A 2500A 3150A 4000A 5000A 6300A 8000A 10000A 12500A 16000A 20000A 25000A 31500A 40000A 50000A 63000A 80000A 100000A 125000A 160000A 200000A 250000A 315000A 400000A 500000A 630000A 800000A 1000000A 1250000A 1600000A 2000000A 2500000A 3150000A 4000000A 5000000A 6300000A 8000000A 10000000A 12500000A 16000000A 20000000A 25000000A 31500000A 40000000A 50000000A 63000000A 80000000A 100000000A 125000000A 160000000A 200000000A 250000000A 315000000A 400000000A 500000000A 630000000A 800000000A 1000000000A 1250000000A 1600000000A 2000000000A 2500000000A 3150000000A 4000000000A 5000000000A 6300000000A 8000000000A 10000000000A 12500000000A 16000000000A 20000000000A 25000000000A 31500000000A 40000000000A 50000000000A 63000000000A 80000000000A 100000000000A 125000000000A 160000000000A 200000000000A 250000000000A 315000000000A 400000000000A 500000000000A 630000000000A 800000000000A 1000000000000A 1250000000000A 1600000000000A 2000000000000A 2500000000000A 3150000000000A 4000000000000A 5000000000000A 6300000000000A 8000000000000A 10000000000000A 12500000000000A 16000000000000A 20000000000000A 25000000000000A 31500000000000A 40000000000000A 50000000000000A 63000000000000A 80000000000000A 100000000000000A 125000000000000A 160000000000000A 200000000000000A 250000000000000A 315000000000000A 400000000000000A 500000000000000A 630000000000000A 800000000000000A 1000000000000000A 1250000000000000A 1600000000000000A 2000000000000000A 2500000000000000A 3150000000000000A 4000000000000000A 5000000000000000A 6300000000000000A 8000000000000000A 10000000000000000A 12500000000000000A 16000000000000000A 20000000000000000A 25000000000000000A 31500000000000000A 40000000000000000A 50000000000000000A 63000000000000000A 80000000000000000A 100000000000000000A 125000000000000000A 160000000000000000A 200000000000000000A 250000000000000000A 315000000000000000A 400000000000000000A 500000000000000000A 630000000000000000A 800000000000000000A 1000000000000000000A 1250000000000000000A 1600000000000000000A 2000000000000000000A 2500000000000000000A 3150000000000000000A 4000000000000000000A 5000000000000000000A 6300000000000000000A 8000000000000000000A 10000000000000000000A 12500000000000000000A 16000000000000000000A 20000000000000000000A 25000000000000000000A 31500000000000000000A 40000000000000000000A 50000000000000000000A 63000000000000000000A 80000000000000000000A 100000000000000000000A 125000000000000000000A 160000000000000000000A 200000000000000000000A 250000000000000000000A 315000000000000000000A 400000000000000000000A 500000000000000000000A 630000000000000000000A 800000000000000000000A 1000000000000000000000A 1250000000000000000000A 1600000000000000000000A 2000000000000000000000A 2500000000000000000000A 3150000000000000000000A 4000000000000000000000A 5000000000000000000000A 6300000000000000000000A 8000000000000000000000A 10000000000000000000000A 12500000000000000000000A 16000000000000000000000A 20000000000000000000000A 25000000000000000000000A 31500000000000000000000A 40000000000000000000000A 50000000000000000000000A 63000000000000000000000A 80000000000000000000000A 100000000000000000000000A 125000000000000000000000A 160000000000000000000000A 200000000000000000000000A 250000000000000000000000A 315000000000000000000000A 400000000000000000000000A 500000000000000000000000A 630000000000000000000000A 800000000000000000000000A 1000000000000000000000000A 1250000000000000000000000A 1600000000000000000000000A 2000000000000000000000000A 2500000000000000000000000A 3150000000000000000000000A 4000000000000000000000000A 5000000000000000000000000A 6300000000000000000000000A 8000000000000000000000000A 10000000000000000000000000A 12500000000000000000000000A 16000000000000000000000000A 20000000000000000000000000A 25000000000000000000000000A 31500000000000000000000000A 40000000000000000000000000A 50000000000000000000000000A 63000000000000000000000000A 80000000000000000000000000A 100000000000000000000000000A 125000000000000000000000000A 160000000000000000000000000A 200000000000000000000000000A 250000000000000000000000000A 315000000000000000000000000A 400000000000000000000000000A 500000000000000000000000000A 630000000000000000000000000A 800000000000000000000000000A 1000000000000000000000000000A 1250000000000000000000000000A 1600000000000000000000000000A 2000000000000000000000000000A 2500000000000000000000000000A 3150000000000000000000000000A 4000000000000000000000000000A 5000000000000000000000000000A 6300000000000000000000000000A 8000000000000000000000000000A 10000000000000000000000000000A 12500000000000000000000000000A 16000000000000000000000000000A 20000000000000000000000000000A 25000000000000000000000000000A 31500000000000000000000000000A 40000000000000000000000000000A 50000000000000000000000000000A 63000000000000000000000000000A 800