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existing. Upgrading to existing Pitched and Flat Roof (U Value 0.18W/m²K): ____

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All roof timbers to be inspected for suitability by Structural Engineers. Existing roof felt to be inspected for suitability and if required to be replaced then existing tiles to be carefully removed and stored securely for reinstallation at a later date. Remove old battens and install a new BBA approved draped breather membrane over 70mm Celotex GA3070 rigid insulation between rafters (or similar or equal approved) with 50mm Celotex GA3050 rigid insulation below rafters (or similar or equal approved) with taped joints acting as a VPL. Depth of existing rafters TBC on site. Conditions of rafters and roof boards to be inspected for suitability by Structural Engineers. Any damaged or unstable timbers to be strengthened or replaced to Structural Engineers proposals. Install new 50mm tanalised battens and re-install original roof tiles. NOTE: All works to be in strict accordance with manufacturer's written recommendations. Same roof timbers and insulation treatment to be given to the flat roof portion of the existing main roof. Dormer[.] —

Roof of dormer to be checked and repaired as required.

Window W2-01:				
	eyond repair, to be replaced to match	n existing. Materials and	d finish to	
Second FFL 94.83				
♥ Gutters:				
	d checked. Where damaged to be re	placed to match existin	ıg.	
Rear Extension Roof:				
4mm Welded Weathering S	teel Cladding (Corten) fixed to steel) PIR Insulation to fully fill frame dep	Frame (Size and spec	cification TBC	
GA3050 insulation within 5	0x150mm timber sub frame (To su	it MEP Requirements) with 18mm	
Plywood Sheathing board	with Tyvek Vapour Control Layer	with 1No. Layer 12.5	5mm Gyproc	
Wallboard Plasterboard. Pla	asterboard to be taped and skimme rer's written recommendations.	ed. NOTE: All works to	o be in strict	
	iers whiter recommendations.			
First FFL 91.66		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~	
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Ground FFL 88.34				
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SCAL	0 0.5 1 1.5 E - 1:50	2.5 m
Rev:	Comments:	By: Date:
C D	Minor Material Amendments Minor Material Amendments	RM 30-03-2019 MStL 27-03-2020
E	Minor Material Amendments	JC 08-09-2020

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Services Services to terminate to atmosphere above flat roof finish level with vent cowl. Boiler flues to terminate 600mm nominally above roof level. Vent pipes to terminate 300mm nominally above roof level

- Chimneys: Refer to Listed Building Consent (App. ref: 2020/1464/L) for the proposed treatments to the chimney. Existing face brickwork and chimney pots to be cleaned using water based system only; no

chemical clean permitted. Brickwork to be repointed; any damaged brickwork to be repaired where possible or replaced with matching brickwork. Damaged chimney pots to be replaced to match existing.

– Roof Light Opening:

New opening to be formed within existing roof. Roof supporting structure to be adapted to suit new rooflights. Any roof tiles to be salvaged where possible.

- Flashing:

All flashing to be checked and repaired as required. Any damaged flashing to be replaced with matching material.

 — Side Extension Flat Roof 0.7° fall (U-value = 0.18W/m²K):
Prodek EPDM Rubber Roof covering (with 25 year guarantee) lapped minimum 150mm into Parapets/upstands on 25mm Kingspan Thermaroof TR27 LPC/FM on Kingspan Optim-R Roofing System with Protection Layer on Vapour Control Layer on 18mm WBP Plywood with staggered joints screwed and glued to 150x100mm timber joists @ 300mm C/C's as per Structural Engineer's specification with 1No. Layer 15mm Gyproc Wallboard Plasterboard to Dressing Room or 1No. Layer 15mm Gyproc Moisture Resistant Plasterboard to Master Bathroom. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations. External Wall:

Existing face brickwork to be cleaned using water based system only; no chemical clean permitted. Masonry to be re-pointed; any damaged brickwork to be repaired where possible or replaced with matching brickwork. - Windows:

New windows to be Slimlite 12mm double glazing units. Frames to be hardwood timber and painted to match existing. External grade paint application to be applied to all new windows. Contractor to provide sample finishes of both Spray and Brush finish applications for final approval by Kyson & Client. Finishes to match existing.

Garage and Side Extension Flat Roof 0.7° fall (U-value = $0.18W/m^{2}K$):

Prodek EPDM Rubber Roof covering (with 25 year guarantee) lapped minimum 150mm into Parapets/upstands on 120mm Celotex Crown-Bond on Vapour Control Layer on 18mm WBP Plywood with staggered joints screwed and glued to 150x100mm timber joists @ 300mm C/C's as per Structural Engineer's specification with 1No. Layer 15mm Gyproc Wallboard Plasterboard. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Rear Extension Walls:

- Windows:

4mm Welded Weathering Steel Cladding (Corten) fixed to steel Frame (Size and specification TBC by SE) with Celotex GA3000 PIR Insulation to fully fill frame depth with inner layer of 50mm Celotex GA3050 insulation within 50x50mm timber sub frame with 18mm Plywood Sheathing board with Tyvek Vapour Control Layer with 2No. Layers 12.5mm Gyproc Wallboard Plasterboard. 'D12' shadow gap propriety channel by Qic Trims Ltd (or similar approved or equal approved). Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

New windows to be Slimlite 12mm double glazing units. Frames to be hardwood timber and painted to match existing. External grade paint application to be applied to all new windows. Contractor to provide sample finishes of both Spray and Brush finish applications for final approval by Kyson & Client. Finishes to match existing.

- External Wall (U Value 0.25W/m²K):

1No. Layer 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs, Plasterboard to be taped and skimmed; 100mm Blockwork (Blockwork Thermal Conductivity of 0.15W/mK), min. 100mm Cavity with 100mm Earthwool DriTherm Cavity Slab 32 Ultimate (thermal conductivity of 0.032 W/mK), 102.5mm facing brickwork 'Old Victorian Pressed Medium Dark' by Furness to match existing. Block and Brick to be tied with Ancon Wall ties (or similar or equal approved) at maximum 750mm spacing horizontally and 450mm spacing vertically to Structural Engineer's design and specification. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

PLANNING

Client:			
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Project Title:			
24 Heath Drive.	London. NW3 7	SB	
24 Heath Drive.	London. NW3 7	SB	
	London. NW3 7	SB	
24 Heath Drive. Drawing Title:	London. NW3 7	28	
	London. NW3 7	SB	
Drawing Title:		SB	
Drawing Title: Proposed North-East Elev		Drawn:	Checked:
Drawing Title: Proposed	ation		Checked: HV

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Project No.: Drawing No.: 508-16 3003

Revision: F

Kyson