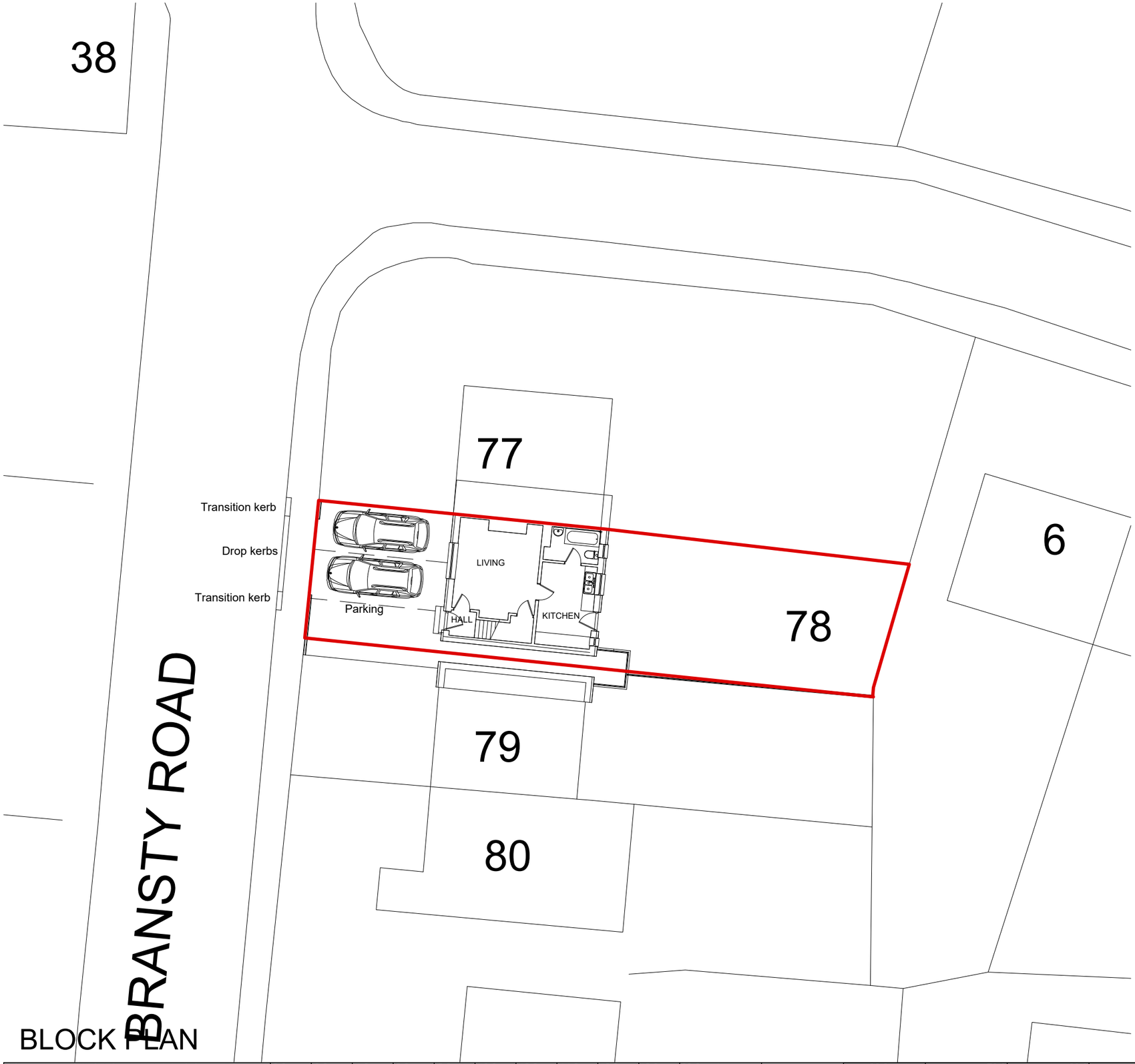
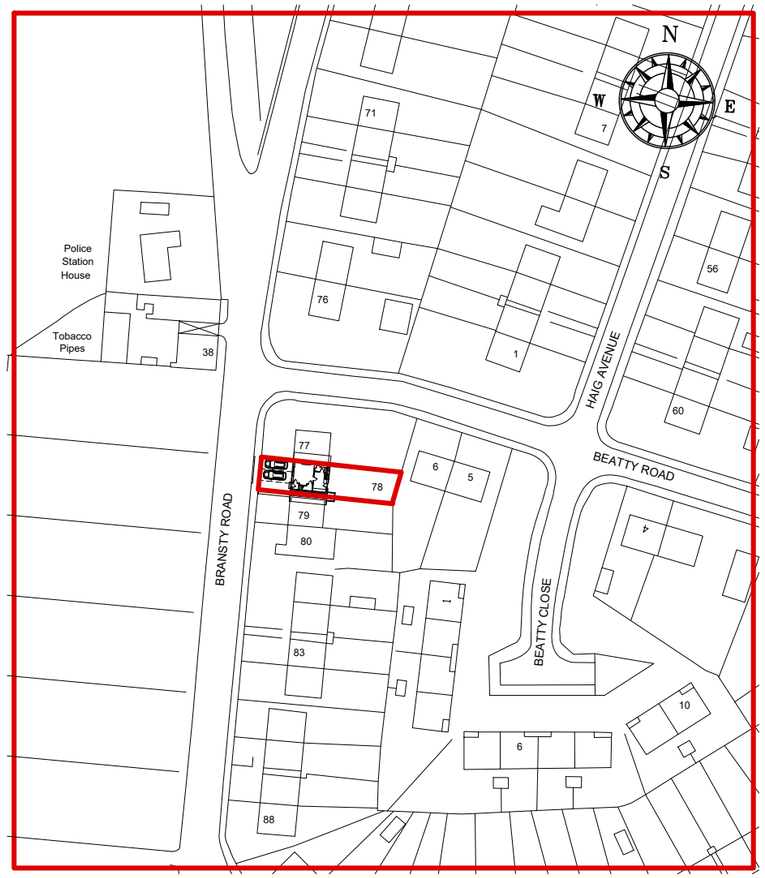


BLOCK PLAN



LOCATION PLAN 1/250 Scale

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		800.0 metres	700.0	300.0	500.0	400.0	300.0	200.0	100.0	0.0	SCALE BAR 1/250
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	EXISTING BLOCK PLAN & LOCATION PLAN	Scale: Date: DWG No.	1/100 @ A3 JAN 2023 22/0362/01

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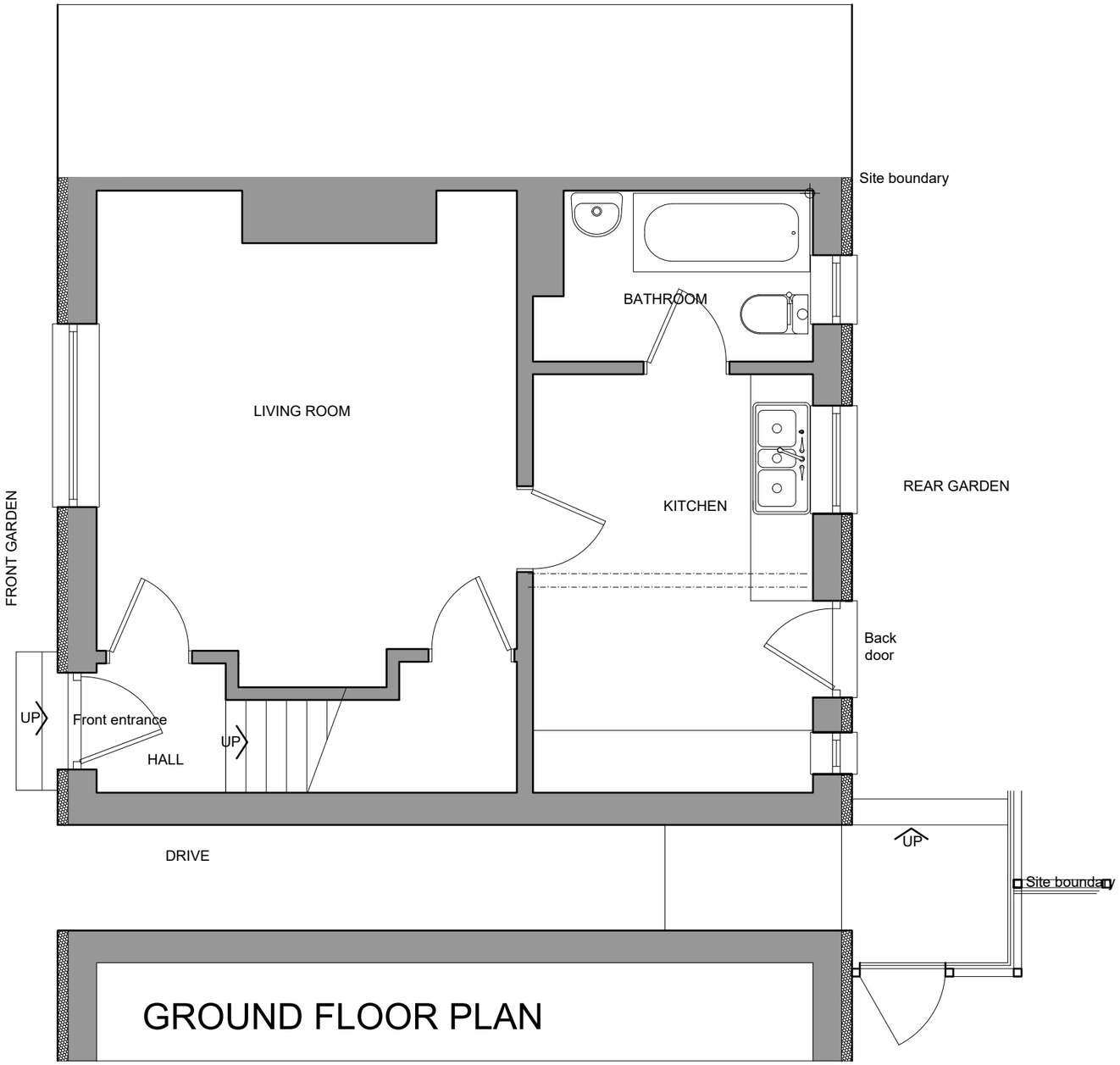
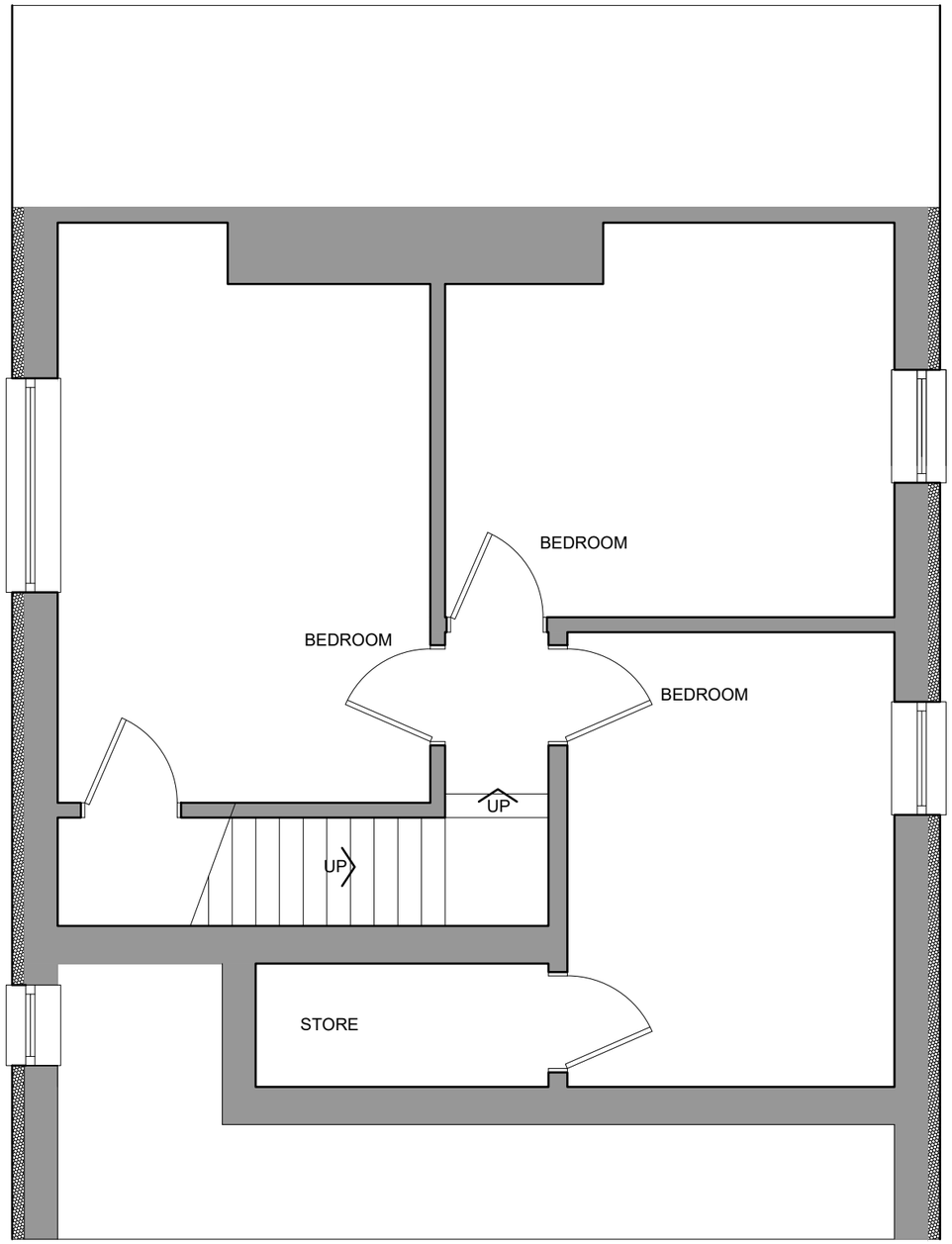
Enablements
Arrange a safe plan for the temporary termination and isolation of services in the area of works.
Protect kitchen under for duration of works.





GROUND FLOOR PLAN

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		800.0 metres	700.0	300.0	500.0	400.0	300.0	200.0	100.0	0.0	SCALE BAR 1/1250
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	EXISTING GROUND AND FIRST FLOOR PLANS	Scale: Date: DWG No.	1/100 @ A3 JAN 2023 22/0362/02

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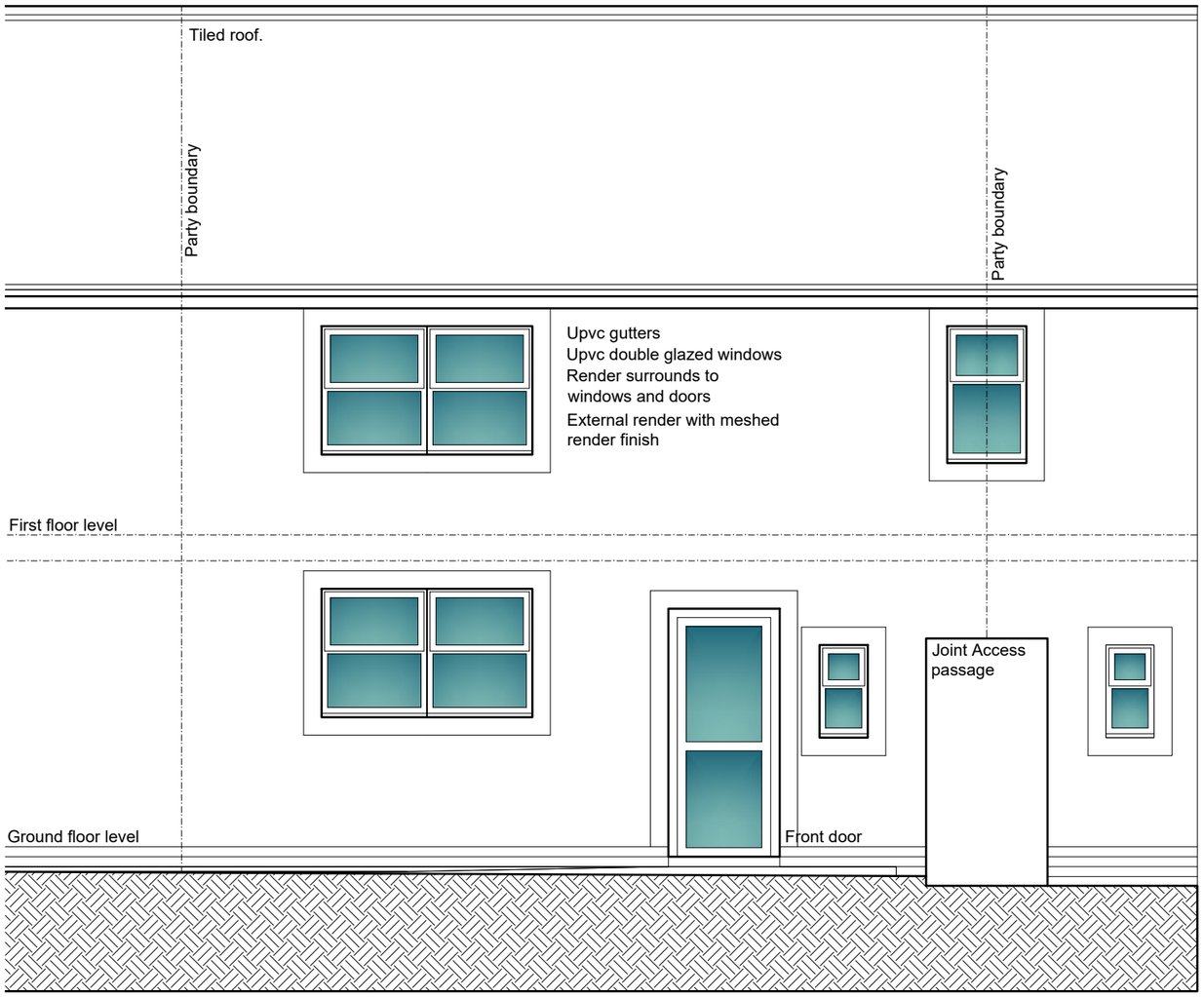

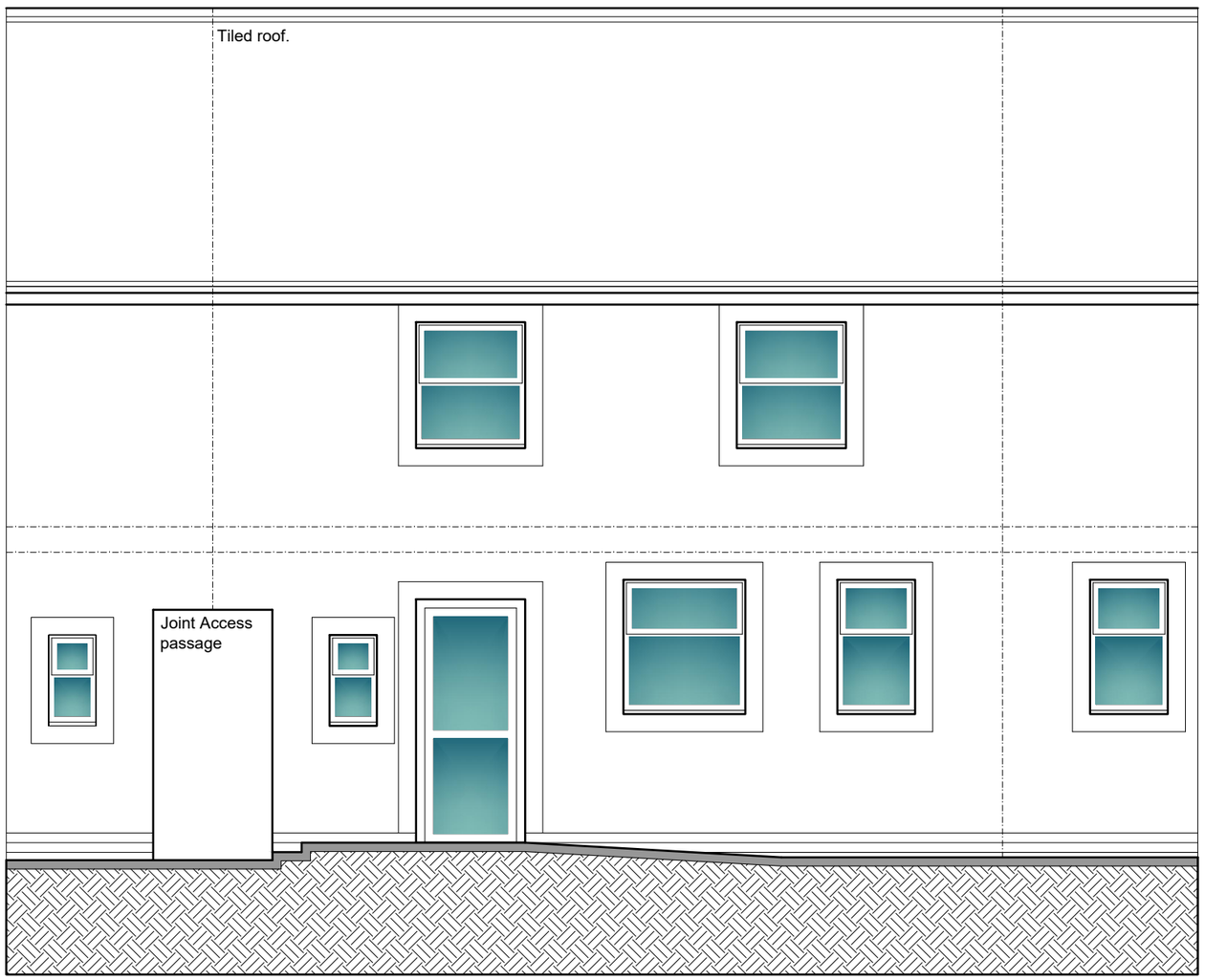

EXISTING FRONT ELEVATION

EXISTING REAR ELEVATION

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0 SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		800.0 metres	700.0	300.0	500.0	400.0	300.0	200.0	100.0	0.0 SCALE BAR 1/1250
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres										

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	EXISTING ELEVATIONS	Scale: Date: DWG No.
			1/50 @ A3 JAN 2023 22/0362/03

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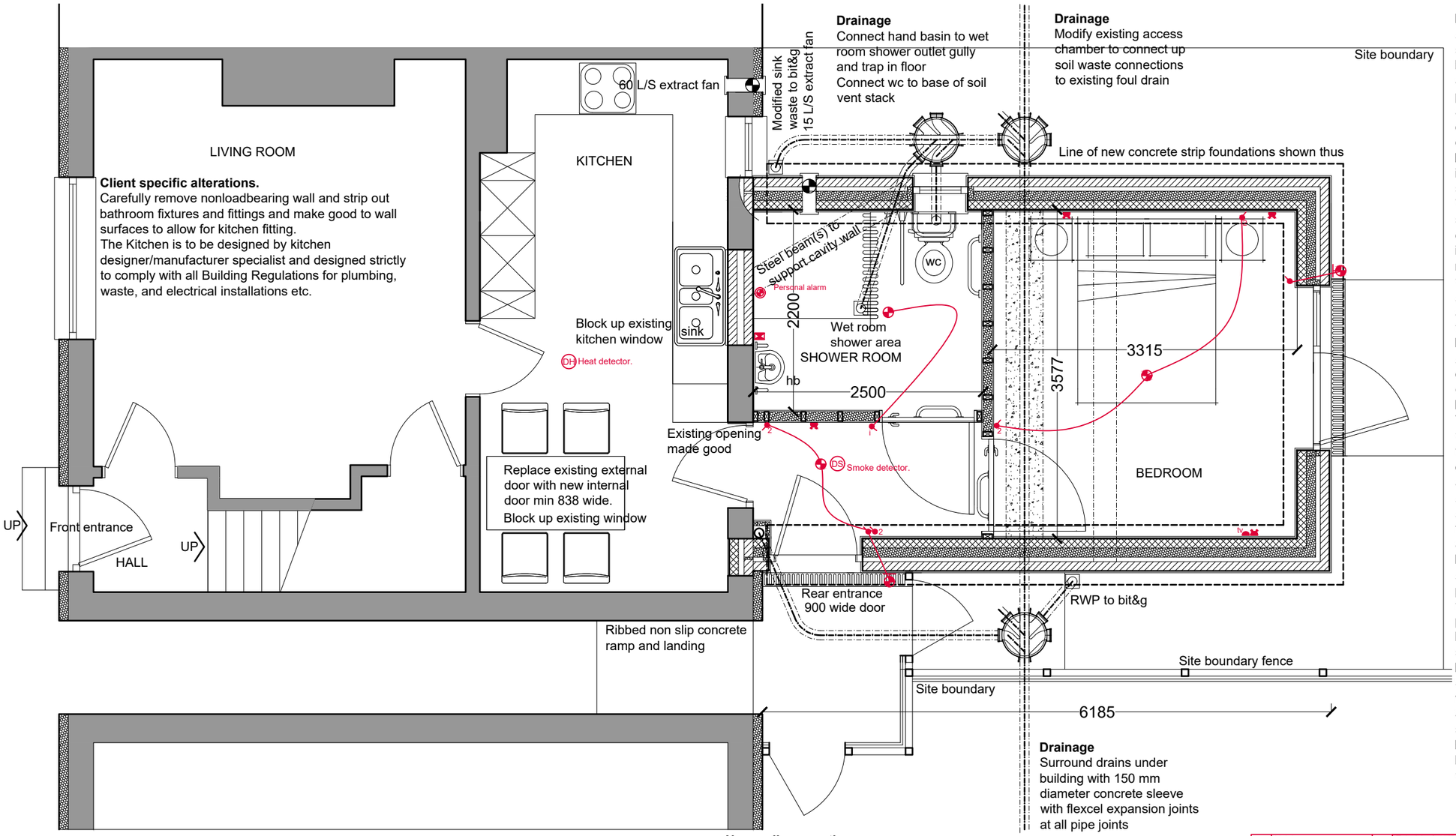

Drainage
Surround drains under building with 150 mm diameter concrete sleeve with flexcel expansion joints at all pipe joints

New wall connections:
Tie all new walls to existing with stainless steel wall connectors bolted to parent wall and tied into new wall with integral stainless steel ties built into coursing of blockwork.

Foundations:
Tie new foundations to existing with 12.5 mm. dia. twisted stainless steel dowels minimum 300 mm. long drilled and grouted into existing footing to form a dovetail and cast into new foundations to prevent uneven settlement.

Existing external parent wall becoming internal wall.
Strip off any external render and insulation in area of extension abutment. Cut insulation back neatly to extension profile and make good at completion.
Form vertical insulated dpc to outer leaf of parent cavity wall at abutment with new extension cavity walls. Cut out to form cavity tray with flashing at at abutment with extension roof. Roof fabric to be upturned under the abutment flashing.
Block up unrequired window in existing kitchen and make good.

	Lighting.	TV	Television/satellite ariel
ML	Mirror Light.	BT	Telecom/computer outlet
	Ceiling rose and pendant.		30 amp cooker spur.
	Wall light.		30 amp cooker spur and 13 amp socket.
	Recessed downlight.	6	Consumer fuse box.
MS	Recessed downlight. Mini spot.		Shaver spur.
	Light switch (450 / 1200 above FFL)		Shaver spur with light and pull switch.
	2 way light switch (450 / 1200 above FFL)		Central heating control point/ programmer.
	Pull cord light switch (Ceiling mounted.)		Clock / timer.
	Illuminated light switch (450 / 1200 above FFL)		Doorbell.
	Isolator switch. (Power or lighting.)	15	15 l/s extractor fan.
	Power.	30	30 l/s extractor fan.
5 amp	5 Amp Lighting Circuit.	60	60 l/s extractor fan.
	Single socket. (450mm. min above FFL)		Radiator
	Double socket. (450mm. min above FFL)		Insulated external tap.
	Double socket. (Worktop height.)	DS	Smoke detector.
	Spur switch (worktop height.)	DH	Heat detector.
	Spur terminal point. (450 mm. min above FFL)		

Electrical Installations.
All electrical installations are to be designed and carried out by a suitably qualified Electrician or Electrical Engineer, the system is to be designed and tested as defined by BS 7671: 2001 Chapter 13 or an equivalent standard. These works are to be undertaken by a person registered with an electrical self-certification scheme or alternatively by a suitably qualified person with a certificate of compliance produced by that person to Building Control upon completion of the works.
Full details are to be submitted to Building Control prior to installation or the Electrician must be registered with a self-registration scheme authorized by the Secretary of State. Where self-certification is accepted the works commissioners should receive a signed Building Regulation self-certification certificate after installation and testing. All materials used in the installation are to bear the "CE" mark for the relevant EEC directive regarding the use of Electric supplies, Low voltage and extra low voltage supplies.
All electric design work is to take into account the requirements of all other Parts of the Building Regulations which may be affected by the electrical installations i.e. Part M Accessibility.

Energy efficient lighting.
All rooms are to be provided with dedicated low energy lighting. All external lighting is to be movement censor controlled and fitted with dedicated high efficiency light fittings.

Electrical layouts
The exact position of Electric lighting and power points to be agreed with the client prior to installation, The qualified electrician to advise the client on the minimum requirements of Building Control and the electrical specification required to meet the requirements of Part M and Part P.

Access and Facilities for Disabled People
All light switches are to be no higher than 1200 mm above the finished floor level and all power sockets are to be min. 450 mm above finished floor level.

Fire Protection.
A mains-powered and inter-connected fire alarm system will be provided for whole house protection. Mains-powered smoke alarms to be interlinkable, powered from a light fitting and fulfill BS5839 part 6 Grade D, E or F. where smoke detectoers are used within living rooms these should have optical detectors or heat detectors should be fitted 230V Hard-wired heat detector Fully conforming to BS 5839 Pt 6 Grade D

Structural steel support for first floor end wall over ground floor bedroom
Steel beams padstones etc to be installed strictly to the design and specification of the Consultant Structural Engineer. to be designed Beams are to be protected with 15 mm thick British Gypsum Fireline boards and skim to provide ½ hour fire resistance or imbedded within the floor and ceiling structure.

Shower Room Design.
The shower room to be designed by bathroom designers or the occupational therapist to cover client specific need all designed strictly to comply with all Building Regulations for plumbing, waste, and electrical installations.
All appliances are to be form one suppliers Document M range to meet the total client accessibility requirement.

Building Regulations Only. Named products.
Where products are named in the specification the developer can substitute similar products provided the specification of the products meets or exceeds the selected product specification.
REV A Amendments as agreed with Cumberland CC Planning Department.

PROPOSED GROUND FLOOR

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		400.0 metres	350.0	300.0	250.0	200.0	150.0	100.0	50.0	0.0	SCALE BAR 1/2500
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	PROPOSED ALTERATIONS AND EXTENSIONS GROUND FLOOR PLAN	Scale: Date: DWG No.	1/50 @ A3 JAN 2023 22/0362/04	REV A 02/06/2023

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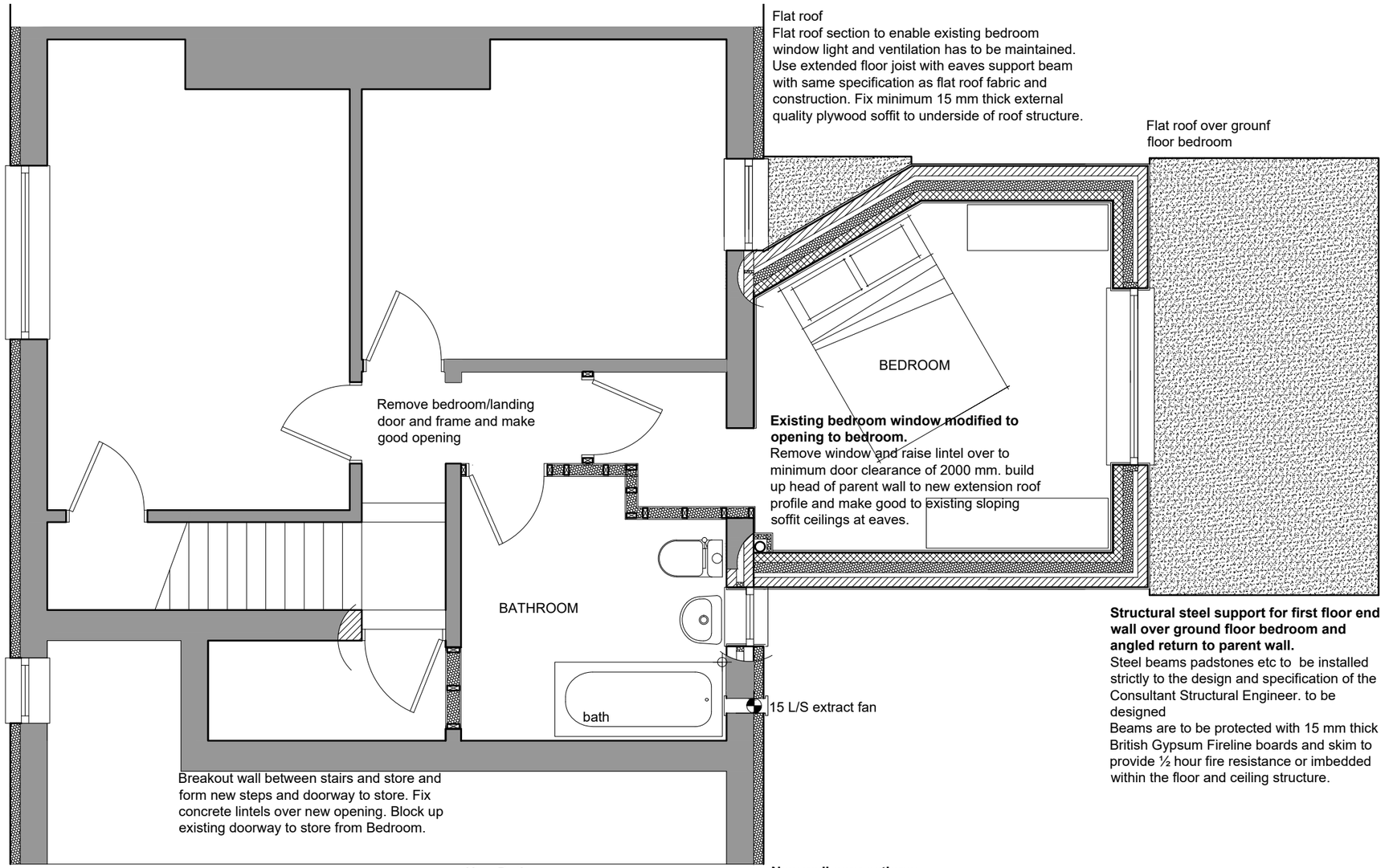

Structural steel support for first floor end wall over ground floor bedroom and angled return to parent wall.
Steel beams padstones etc to be installed strictly to the design and specification of the Consultant Structural Engineer. to be designed
Beams are to be protected with 15 mm thick British Gypsum Fireline boards and skim to provide ½ hour fire resistance or imbedded within the floor and ceiling structure.

New Bathroom.
Form new bathroom with stud partitions.
Bathroom Design.
The bathroom be designed by bathroom designers/manufacturer specialist all designed strictly to comply with all Building Regulations for plumbing, waste, and electrical installations.

New wall connections:
Tie all new walls to existing with stainless steel wall connectors bolted to parent wall and tied into new wall with integral stainless steel ties built into coursing of blockwork.

PROPOSED FIRST FLOOR

REV A Amendments as agreed with Cumberland CC Planning Department.

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		400.0 metres	350.0	300.0	250.0	200.0	150.0	100.0	50.0	0.0	SCALE BAR 1/2500
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	PROPOSED ALTERATIONS AND EXTENSIONS FIRST FLOOR PLAN	Scale: Date: DWG No.	1/50 @ A3 JAN 2023 22/0362/05	REV A 02/06/2023

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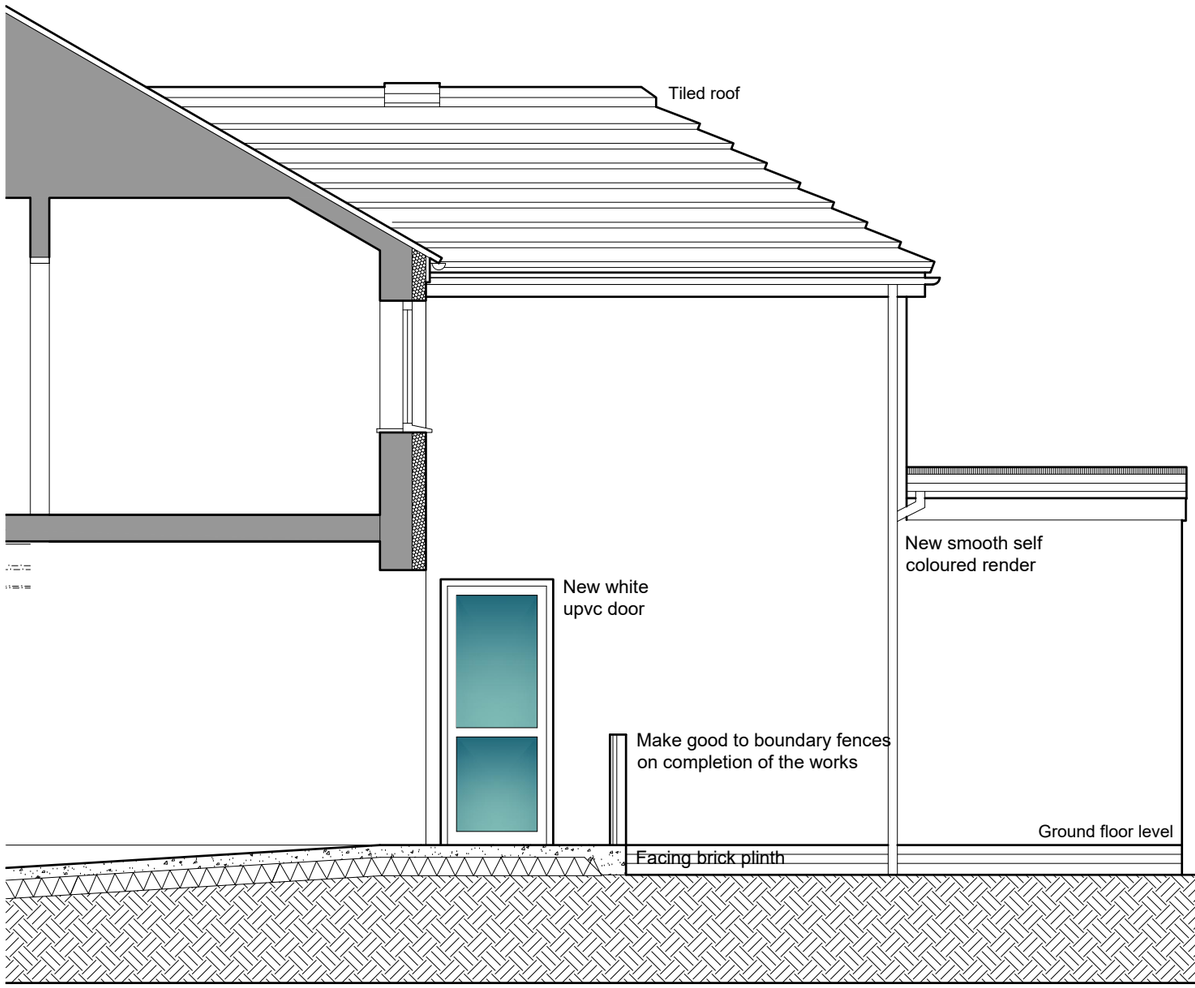

PROPOSED SIDE ELEVATION

New ramps and footpaths
Excavate passage and around new extension to new reduced level to load bearing virgin ground removing all deleterious materials.
Allow for hard paving and ramps as indicated in solid concrete with non-slip ribbed surface finish on minimum 150 mm blinded and consolidated hardcore. Make good to garden landscaping.
Retain minimum headroom under passage lintels of 2000 mm.

New landing and ramp to French casement doors.
Form new concrete threshold and ramp down to garden and fix channel drain to prevent water ingress at level landing.

REV A Amendments as agreed with Cumberland CC Planning Department.

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		400.0 metres	350.0	300.0	250.0	200.0	150.0	100.0	50.0	0.0	SCALE BAR 1/2500
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	PROPOSED ELEVATIONS	Scale: Date: DWG No.	1/100 @ A3 JAN 2023 22/0362/06	REV A 02/06/2023

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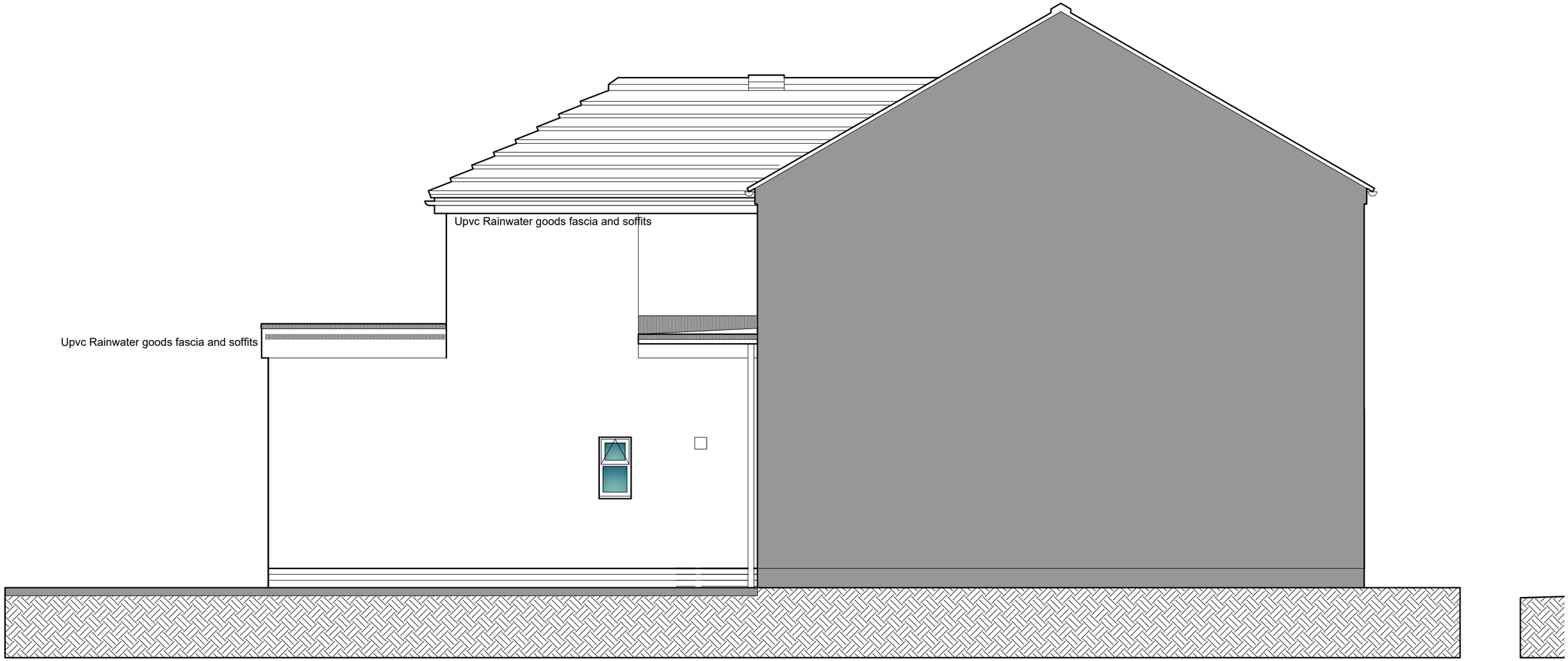

PROPOSED SIDE ELEVATION

REV A Amendments as agreed with Cumberland CC Planning Department.

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	0.2	.04	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		400.0 metres	350.0	300.0	250.0	200.0	150.0	100.0	50.0	0.0	SCALE BAR 1/2500
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	PROPOSED ELEVATION	Scale: Date: DWG No.	1/50 @ A3 JAN 2023 22/0362/07	REV A 02/06/2023

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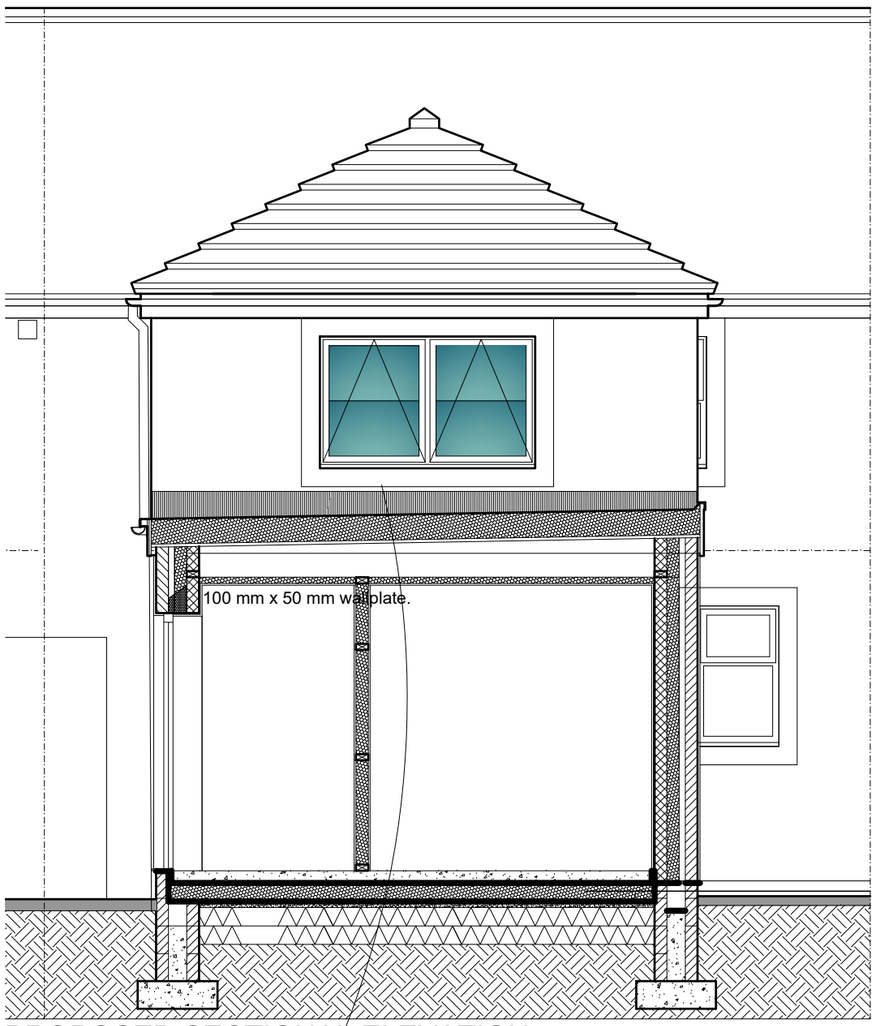
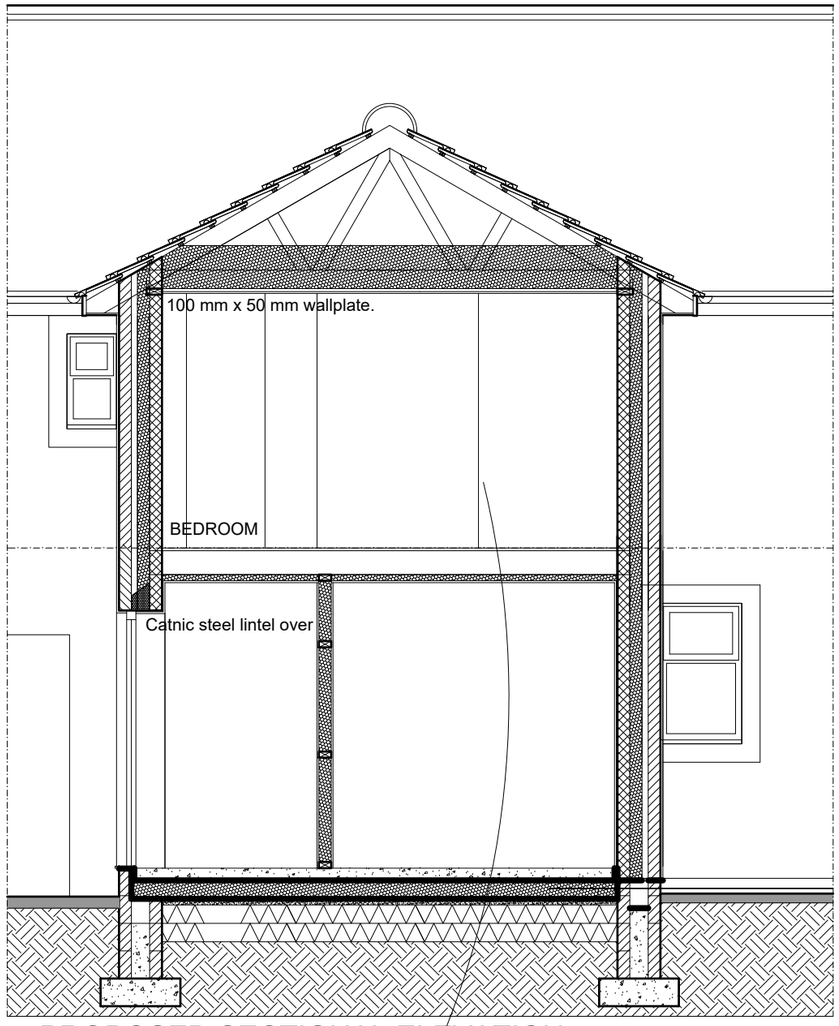


PROPOSED SECTIONAL ELEVATION

New Flat Roof Structures
Roof Construction Fabric.
The roof type will be a warm roof with insulation over the roof decking. Single ply fibre backed roofing membrane, Sanafil or similar, fixed by a manufacturer recommended and approved installer on 140 mm Celotex XR400 or similar adhered to 25 mm thick external quality plywood roof decking. All roof fabric details fixtures and fittings roof outlet gully etc. are to be strictly as recommended and detailed by the roof fabric product manufacturer/installer. Fix code 4 lead flashing over up turned roof fabric at parent wall abutments to form weather sealed abutments and copings. Roof to fall across the extension to the rainwater gutter downpipe and yard gully at minimum gradient of 1in 40 fall or as otherwise recommended by the fabric manufacturer.
Roof Structure
Roof to have minimum 1 in 40 falls across the roof to the rainwater gutter.Roof structure to be minimum 50 mm x 50 mm timber tapering timber firrings on 195 mm x 50 mm C16 timber flat roof joists at 400 mm centres supported on 100 mm x 50 mm wall plate on mortar bed and fixed to head of inner leaf of cavity walls. Fix wall plates with BAT Metal straps at 1500 mm centres.Fit BAT MS 305 galvanised steel straps to head of all new walls and across minimum 3 no. joist parallel or along the side of joists perpendicular to walls to provide lateral supports to the structure.
Line ceilings with 500 gauge Visqueen vapour barrier and 25mm/12.5mm (15mm) combination insulation and plasterboard and skim ceiling with 3 mm plaster skim finish.
ALL TIMBERS ARE TO BE MARKED KILN DRIED
Leadworks to roofs.
All lead gutters, valleys, trays, soakers and flashings are to be in the correct code thickness as recommended by the Lead Sheet Manufacturer's Association and produced and fixed strictly in accordance with their published recommended details. Where non lead trays are used, they should have a patent agreement certificate confirming Building Regulations compliance.



PROPOSED SECTIONAL ELEVATION

Fascias soffits and rainwater goods to match existing

First Floor construction.
25 mm thick high density 15 Kg/M² Weyroc particle board tongued, and grooved decking glued and screwed to 195 mm x 50 mm c16 grade timber floor joist built into inner leaf of new gable cavity wall and outer leaf of existing parent wall at same height as existing house first floor. Fix min 50 mm x 50 mm herringbone strutting at centre span of joists. Form lateral support with BAT MS305 galvanised steel straps fixed into inner leaf of surrounding cavity walls at maximum 2000 mm centres and fixed to minimum 3 joist parallel to the wall or along the joists where perpendicular at the front and back.
Insulate between joist with minimum 100 mm Rockwool semi ridged acoustic slab insulation.
Non-Structural stud partitions:
Fix new stud partitions to layout shown. Partitions to be 100 mm x 47 mm. timber studs at 400 mm. centres built off 100 mm x 75 mm. sole plates with solid bracing at maximum 900 mm. vertical centres. Fix 10kg/m² 15 mm thick high density humidity resistant plasterboard and skim both sides. Fully insulate between studs with Rockwool insulation to reduce the passage of airborne sound. Bolt vertical studs to adjacent walls to provide lateral restraint to walls and studs to form rigid grid.

Excavations for foundations
FOUNDATIONS MAY BE RECONSIDERED WITH BUILDING CONTROL DEPENDANT ON SITE SPECIFIC GROUND CONDITIONS.
Site Enablement
Reduce ground levels in area of works and set aside material excavated for reuse landscaping the garden and ramp.
New extension.
Foundation trenches to be excavated to suit dimensions indicated and taken down to virgin ground for inspection by Local Authority Building Control officer. Depth may vary according to site conditions and site contours, but the top of concrete must be minimum 450 mm. below the finished ground level. Strip foundations to be generally 650 mm. wide x 225 mm. min. deep to external cavity walls and 450 mm. x 225 mm. min. for 100 mm. load bearing internal walls or with minimum 150 mm. toe where wall thickness may vary.
Form all steps in level of foundations in vertical increments of 225 mm. to suit block coursing, and with min 300 mm horizontal overlaps.
Concrete
Concrete to be premixed C20P as described in tables 1 and 2 of BS EN 206:2013 + A1:2016 maximum size aggregate to be 20 mm. All concrete shall be distributed and placed in position as quickly as practicable by a method which precludes contamination, segregation or loss of materials, compaction shall be complete before the initial set commences. Partial set concrete shall not be reworked or used. All concreting shall be continuous to completion or to an approved construction joint.

Concrete con't
During the first seven days the concrete shall be protected by whatever means to prevent over rapid drying. Steps in the foundations are overlap by twice the height of the step or by 300 mm. whichever is the greater and should not be of greater height than the thickness of the foundation. In general steps should be in increments of 225 mm. to suit block coursing.
Tie new foundation horizontally to existing foundations, by inserting 3 no. 9 mm. twisted mild steel bars in a dovetail pattern into the face of the existing strip foundations and install new concrete foundations to fully surround steel connections, to form a horizontal tie between the two foundations, to prevent uneven settlement.
New cavity wall below DPC generally.
350 mm. thick cavity walls consisting of 100 mm. thick solid concrete block 150 mm cavity back filled with concrete to ground level max 225 mm below damp-proof course and 100 mm. solid concrete block inner leaf. Cavity wall ties to be Furfix stainless steel or similar specifically designed for 140/150 mm. cavities at 750 mm. horizontal centres and 450m vertical centres, offset 375 mm. horizontally to form a diamond pattern. Fix additional wall ties every course at all corners and jambs. Between ground level and floor level, fix bituthene Hyload DPCs to both inner and outer leaves of walls at min of 150 mm. above ground level. Lay facing bricks from one course below finished ground level dpc level in outer leaf to form plinth.

New ground floor to extension. Ground Floor U Value 0.18 W/M²K
Allow for flooring finish thickness on 100 mm concrete floor slab on 500 gauge Visqueen vapour barrier on 100 mm Celotex GA4000 floor insulation slabs on 1200 gauge damp proof membrane. All on 50 mm sharp sand blinding on minimum 150 mm thick sand blinded hard-core sub-base laid and consolidated in 150 mm layers no thicker than 600 mm. deep. Visqueen Damp Proof Membrane is to overlap D.P.C. in inner leaf of external walls to form a permanent damp proof barrier. All damp proof courses, and vapour barriers are to be overlapped and taped as recommended in the manufacture's specification for the location and purpose. New ground floor to be level with existing ground floor
Cavity wall construction above dpc. U Value 0.18 W/M²K
Cavity wall above dpc, U Value 0.17 W/M²K
350 mm. thick cavity walls consisting of rendered 100 mm thick dense concrete block external leaf 50 mm. clear cavity with 100 mm Kingspan Kooltherm K108 insulation or similar and 100 mm. thick Celcon Standard Insulation high strength 7.3 N/mm² block inner leaf. Render to be smooth self-coloured to appear similar to existing rendered external insulation
All walls are to be built in a manner to ensure the building would pass a pressure test to achieve 5.5 M³ / (h.M²) at 50PA or better. Walls are to be dry lined internally with minimum 15 mm. high density humidity resistant plasterboard on dabs or patent glue spot fixing.

Cavity wall construction above dpc con't
Fix insulated cavity closers (150 mm Kingspan Kooltherm or similar) at all jambs and cills to doors and windows and fix tray under cills and lintels to heads of openings.Cavity wall ties to be Ancon ST1 Type 1 Tie to PD 6697 (Masonry Heavy Duty) with ferrules to support insulation or similar specifically designed for 150 mm to 175 mm cavities at 750 mm. horizontal centres and 450m vertical centres, offset 375 mm. horizontally to form a diamond pattern or as otherwise recommended by the wall insulation manufacturer.
Fix additional wall ties every course at all corners expansion joints and jambs.
Seal heads of cavities with inert fire-proof material 6mm thick Masonite or similar bedded in mortar and fixed between toes of spars.
Fix Catnic Cougar or IG type stainless steel or galvanised lintels or similar designed for 150 mm. cavities. Lintels to have insulated voids and integral cavity trays and minimum bearing of 150 mm. Fix additional bitumen or pvc trays in severe weather areas
Fix perpend joint weep holes in outer leaf at 600 mm. centres above all cavity trays. And over concrete lintels in outer leaf.
Lintel schedule to be supplied to Building Control by the selected manufacturer 21 days prior to installation.

REV A Amendments as agreed with Cumberland CC Planning Department.

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	0.2	.04	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		400.0 metres	350.0	300.0	250.0	200.0	150.0	100.0	50.0	0.0	SCALE BAR 1/2500
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	PROPOSED SECTIONAL ELEVATIONS	Scale: Date: DWG No.	1/50 @ A3 JAN 2023 22/0362/08	REV A 02/06/2023

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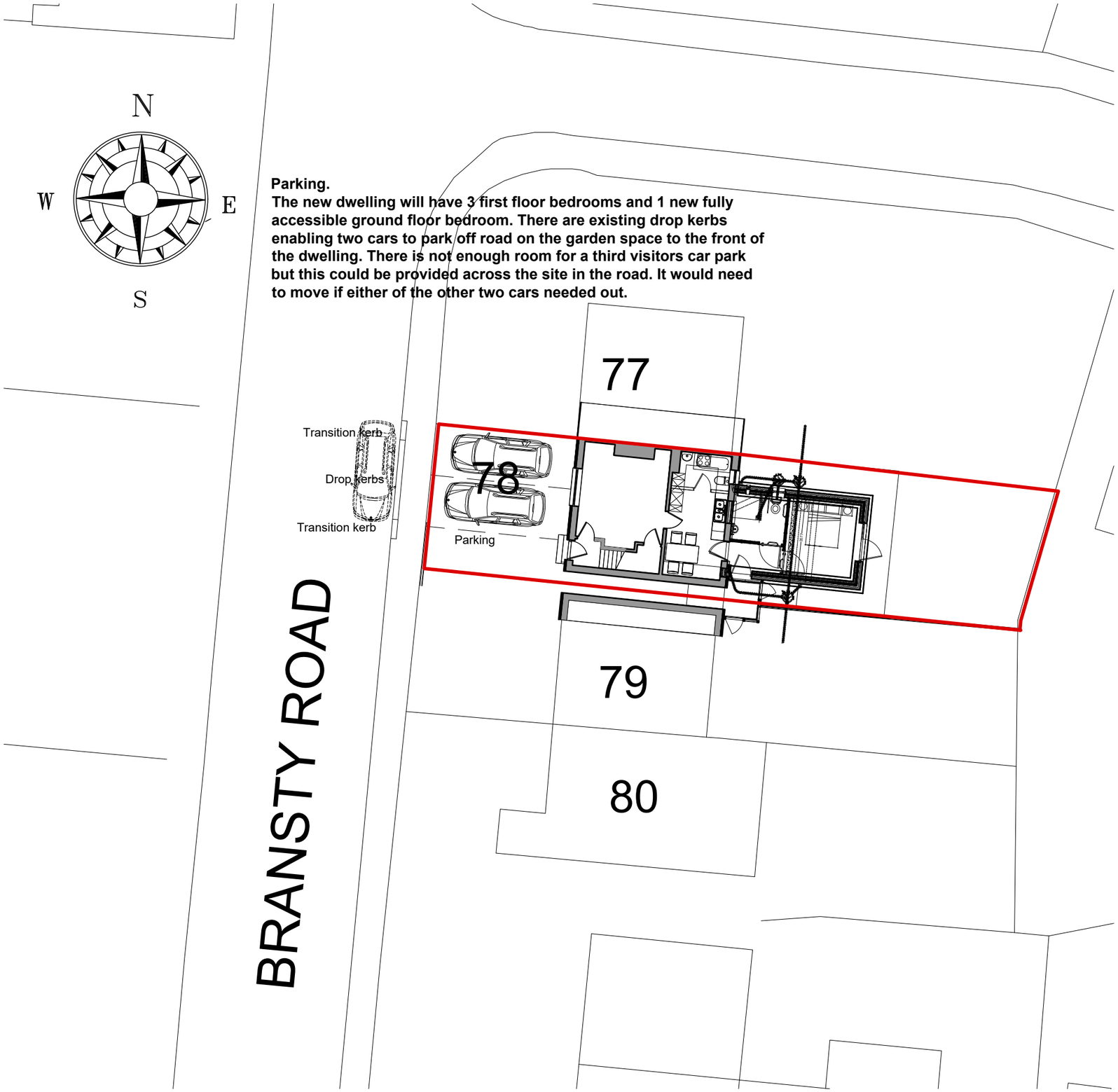

Drainage.
Connections and Discharges.
There are existing drainage connections for foul and surface water. These are to be surveyed recorded and investigated for suitable reuse with the approval of Building Control and the service provider (United Utilities).
Where existing drains/sewers pass under the area of new construction, the drains should be excavated for inspection in the presence of Building Control to establish if they are fit for the purpose, should the drains be suitable, they are to be surrounded with a 150 mm diameter concrete sleeve with Flexcell expansion joints at every pipe junction.
Where these drains are sewers under the control of the utility services provider (United Utilities Limited)
The employer is to enter into a Building over agreement with the service provider and meet their specification for building over the sewer.

General Drainage Specification:
All new drains will be designed to comply with BS EN 752.
New soil and surface water drainage: Hepworth Supersleeve or similar spun clay 100/150/225 mm. diameter pipes with u.p.v.c. flexible sealed collars laid in clean square cut trenches at a gradient of not less than 1: 60 falls. Carefully back fill trenches with layered back fill strictly in accordance with the manufacturer's instructions. All fittings including manholes, inspection chambers, and back inlet gullies etc. to be from the same range and supplier. Set all preformed gullies and chambers on 150 mm. concrete bases and surround with 150 mm. sleeves. Fit gullies with plastic or galvanized grills. Fit manholes and inspection chambers with steel rims and covers, as supplied by the manufacturer set in mortar surrounds. Set manhole covers onto preformed r.c. covers where manholes internal size is greater than 450 mm. x 600 mm. which is the minimum acceptable internal dimension for a 900 mm. deep manhole.
Where new drains pass under the area of new construction the drains are to be surrounded to a minimum 150 mm concrete sleeve with Flexcell expansion joints at every pipe junction.
Where drains are less than 1500 mm deep in traffic areas surround pipes in 150 mm concrete sleeve with Flexcell joints at each pipe joint or as otherwise recommended by the pipe manufacturers.
All drain lines are diagrammatic, and the final layout should be agreed on site with the Building Control Department.

Foul Drainage

Kitchen sink washing machine dishwashers etc to modified foul drains new connections to back inlet trapped gullies to new access chambers to existing sewer.

Surface Water Drainage
Connect rainwater to existing drains/sewers.

New Highway Accesses to Bransty Road.
New highway accesses to be strictly with the consent of and to the specification of The Cumberland County Council Highways Department. The Access will be designed to Comply with the CCC Highways Design Guide. No surface water/ rainfall from the site is to run onto the existing highway. New footpaths will generally form part of the highway infrastructure. Works to the highway will be carried out by a C.C.C Highways Department approved civil engineering contractor under licence to C.C.C. Highways Department and under the supervision of the C.C.C. Highways Department Engineer.

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REV A Amendments as agreed with Cumberland CC Planning Department.

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		800.0 metres	700.0	300.0	500.0	400.0	300.0	200.0	100.0	0.0	SCALE BAR 1/1250
SCALE BAR 1/50	0.0		1.0		2.0		3.0		4.0		5.0 metres											

78 BRANSTY ROAD WHITEHAVEN CUMBRIA CA28 6HB FOR Mr and Mrs Simsek	ALTERATIONS AND EXTENSION	PROPOSED BLOCK PLAN PLAN	Scale: Date: DWG No.	1/100 @ A3 JAN 2023 22/0362/09	REV A 02/06/2023

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