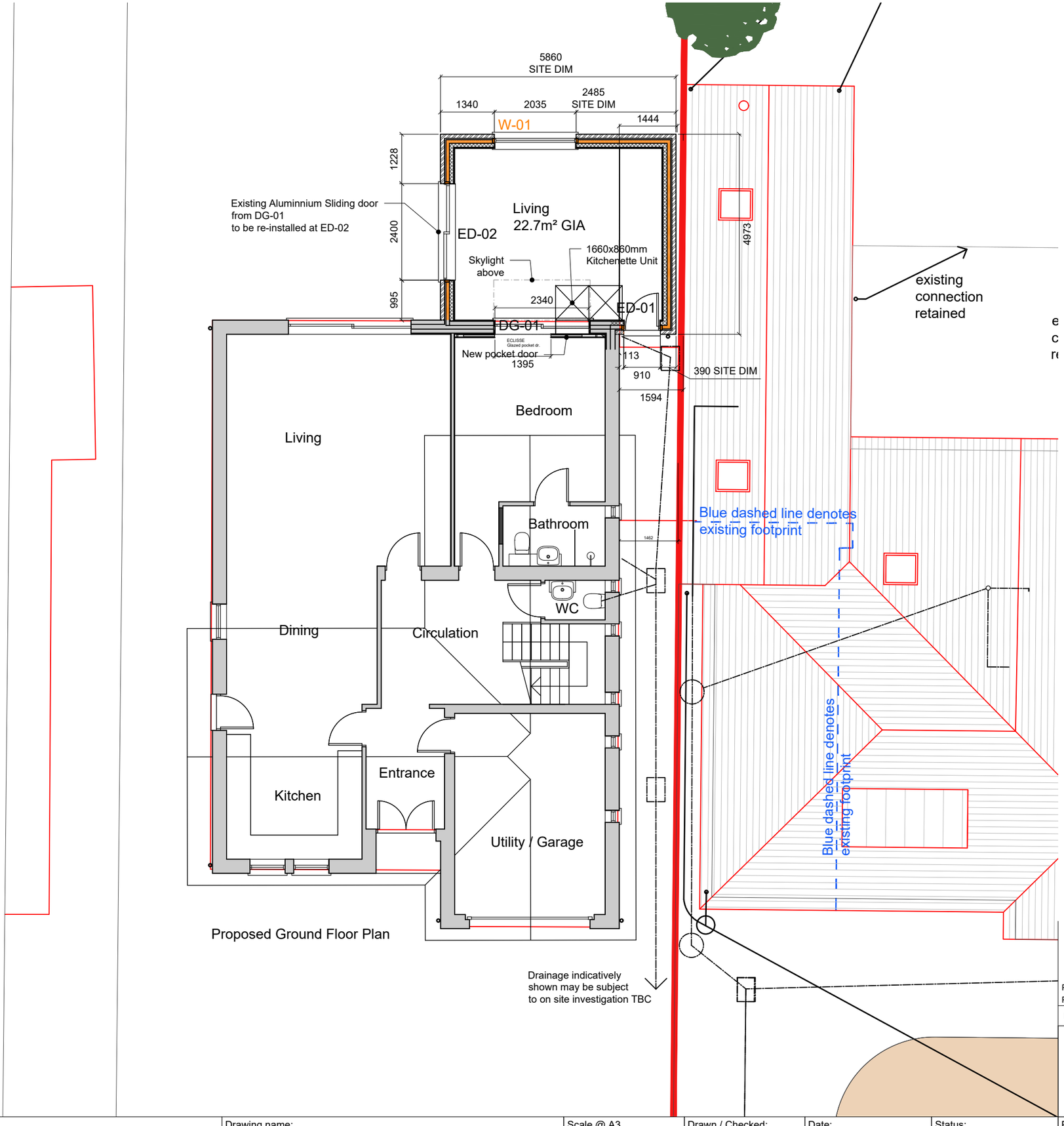

Proposed Ground Floor Plan

N

scale 1:100

0m 500mm 1m 2.5m 5m

Do not scale this drawing except for planning application purposes
All dimensions must be verified on site prior to construction
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CONSTRUCTION NOTES

Cavity wall :

- **Almost Fully filled Cavity insulation**
- **U = 0.151W/m²/K**
- 103mm facing brickwork Red Clay smooth & Uniform finish to match existing
- Soldier course & String course as elevations
- 30mm clear cavity
- 90mm Kingspan K106 Nearly full fill insulation
- 100mm Topblock Supabloc 4
- 11mm Hard coat plaster
- 2mm Thistle Multi-finish skim coat
- **or 12.5mm MR Wallboard on Dabs**
- **with 2mm Skim coat**

Flat Roof :

- Warm Roof construction
- "U"-Value = 0.144 W/m²/K
- Single Layer Elastomeric polymer membrane on suitable mesh underlay mechanically fixed with telescopic fixings on 140mm Kingspan TR27 PIR Roof insulation on 18mm WBP Plywood roof boards on treated SW Firrings to provide minimum recommended design falls of 1:60 on Treated SW Rafters to SE Specification :
- 47x195mm C24 @ 400mm c/c
- 100mm Rockwool Flexi insulation supported on Vapour control membrane fixed between joists
- 15mm Soundbloc plasterboard to underside forming ceilings

Ground Floor :

- Concrete Beam & Block construction
- "U"-Value = 0.13W/m²/K
- 50mm sand blinding
- Min. 225mm Ventilated air space
- T225 BEAMS @ 500mm c/c
- with 440x100mm Dense concrete Floor Blocks
-

REV	DESCRIPTION	BY	CHK	DATE
P2	Skylight added	DS	RPN	01.04.26
P1	PLANNING ISSUE	DS	RPN	31.03.26

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Project name:	Drawing name:	Scale @ A3	Drawn / Checked:	Date:	Status:	Project no:	Drawing no:	Revision:
22 St. George's Avenue	Existing and Proposed Ground Floor Plan	1:100	JsF / DS	March 2025	PLANNING	26004	V03-300	P2