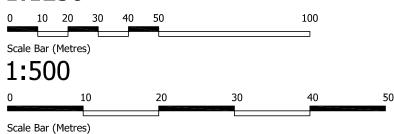




hatched is proposed extension.

# 1:1250



REV. DESC	OATE DATE	DRAWN CHKD.	WARRANT	DRAFT	ST JOHN THE BAPTIST CHURCH ST NINIAN'S RD, CORSTORPHINE	DRAWING TITLE	Chartered architects and interior designers The Design Place One 38 Brait Farm Road Edinburgh EH10 6.E T, 0131 452 8590 F, 0131 452 8590 admin@varchitects.co.uk www.krachitects.co.uk	KENNETH BEID	MAY 2021		FC KR
			CLIENT			LOCATION & BLOCK PLAN			1450	W(2-)001	REVISION
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## WARRANT APPLICATION NOTES

## **GENERAL**

All work to be carried out in accordance with the Building Standards (Scotland) Regulations 2017 as outlined in the non-domestic technical handbook 2020.

The proposed works consist of internal alterations and a small flat roof extension to form a kitchen and better access to the hall directly from the church. Additionally various upgrades to improve the accessibility including the upgrade of an existing toilet to a DDA compliant facility and an internal stair lift. Additionally access to the church hall is to be improved by reconfiguring the entrance arrangement and installing a platform lift. Plus various additional improvements/alterations.

All downtakings are shown dashed (red on original drawings). All new works coloured yellow. Every service, fitting or piece of equipment provided so as to serve a purpose of the regulations should be designed, installed and commissioned in such a way as to fulfil those purposes.

All new works, products and processes are to be in accordance with the relevant British Standards and manufacturers' guidance.

#### **STRUCTURE**

All structural works to be carried out in accordance with Section 1 of the Building Standards (Scotland) Regulations and the structural engineers drawings and specifications.

#### FIRE

Disturbed fire resistant elements are to be made good in a manner that is in compliance with the required performance for the element (generally 2 layers of 12.5mm gyproc wallboard, to give 60mins fire resistance, 1 layer of 12.5 gyprock wallboard to give 30mins.)

Structural elements to be protected for Short Fire Resistance Duration.

Adjust emergency lighting, fire alarm and escape signage to suit new layout.

## **SAFETY**

# Doors

New doors to have a min. clear opening width of 825mm to comply with technical standard 4.2.1. To be measured from open door face to opposing door stop. No locking of doors is proposed.

New external door to be fitted with escape ironmongery to comply with BS EN 179: (Briton or equal and approved single door push pad latch) and guarding formed from mild steel painted black to comply with 4.8.1 to comprise of a continuous horizontal rail, at a height of 900mm above ground level.

U-Value for new external doors to be 1. 6W/m2K. 'Fire exit keep clear' signage to be added externally

## **Access to Manual Controls**

Outlets and control of electrical fixtures should be positioned at least 350mm from any internal corner, projecting wall or similar obstruction and not more than 1.2m above floor level. Light switches should be positioned at a height of between 900mm and 1.1m above floor level. Standard switched or unswitched socket outlets and oulets for other services should be positioned at least 400mm above floor level. Above an obstruction e.g worktop, fixtures should be at least 150mm above the projecting surface. Where socket outlets are concealed, such as to the rear of the white goods in kitchens, separating switching should be provided in an accessible position, to allow appliances to be isolated.

#### Electrical

All electrical works to comply with Parts 4.5 and 4.6 of the Building (Scotland) Regs 2017. Electrical installations to be designed, constructed, installed and tested in accordance with BS 7671:2018 and the latest IET Regulations. Electrical contractor be a competent person and to supply Certification to the entire satisfaction of the Building Control Officer.

#### **ENERGY**

All new lighting to be low energy

## VENTILATION

Kitchen to have extract fan positioned over hob capable of 30 l/sec extract rate and throughwall trickle ventilation of 4000mm2. All as outlined in table 3.9 to regulation 3.14.5.

# Drainage Key

Denotes existing drainage

Denotes proposed drainage

## DRAINAGE NOTES

AAV's to be installed above the flood level of the highest water outlet and in accordance with the recommendations of BS EN 12380: 2002. All AAV's to be a minimum of 50mm Ø to be accessible and to be housed in a ventilated void

All drainage to be installed in accordance with manufacturers instructions & recommendations.

Gutters, rainwater pipes and soil pipes should be constructed and installed in accordance with BS EN 12056-3:2000

Handholes to be provided at the base of all new downpipes

New drainage to be to the satisfaction of the Local Authority, to be in accordance with Standard 3.7 of the Building Standards (Scotland) Regulations and in accordance with Manufacturers recommendations and instructions

Sanitary pipework is to be installed and constructed in accordance with BS EN 12056-2; 2000.

Ventilation of wastewater drainage to be in accordance with the guidance in Sections 4, 5, 6 and National Annex ND of BS EN 12056-2: 2000.

Taps serving WHB's should have a flow rate of not more than 6 litres per minute.

All connections to existing to be made using a suitable adaptor at the invert level.

All sanitary pipework installation to comply with BS EN 12056-2:2000 and be sized as below.

WC - 100mm Ø UPVC waste
WHB - 32mm Ø UPVC waste
KITCHEN SINK - 50mm Ø UPVC waste
DISHWASHER - 50mm Ø UPVC waste

All U/ground drainage to be 1 00mm Ø UPVC waste.

Drainage passing through foundations walls to be in accordance with Structural Engineers details.

Drainage outwith proposed building footprint to be 600mm below ground or below concrete paving slabs with min 75mm cushioning layer of granular material and 100mm pea gravel surrounding the drain.

All underground drainage to be in accordance with BS EN 752-3:1997 and BSEN 1610:1998; upvc golden brown colour

## **SPECIFICATION NOTES**

## Floor Type 1 (Suspended Timber Floor)

- o Clients Selected Floor Finish
- o 22mm Flooring Chipboard
- o Polythene Separation Layer
- 140mm thk Rockwool Flexi fitted as per manufacturer's instructions between Timber floor joists to SE Specification
- o Min. 150mm Ventilated Airspace
- o Min 50mm Concrete blinding
- o 1200 Guage Visqueen DPM
- Min 150mm Well compacted hardcore substrate

To achieve U-value of 0.20 W/m²k

#### Internal Wall Type 1 (General non-loadbearing internal partitions)

- o 3mm skim coat plaster finish
- 2 x 12 5mm thk Gyproc Soundbloc
- o Min. 100mm thk Timber Studs fully filled with Isover 1200 mineral wool insulation.
- 2 x 12.5mm thk Gyproc Soundbloc
- o 3mm skim coat plaster finish

To achieve min. airborne sound insulation of 43Db Rw (Source: British Gypsum White Book)

## **External Wall**

- 20mm render
- 100mm blockwork
- o 50mm cavity
- o Breathable Membrane
- o 9mm OSB
- o 100mm Kingspan Kooltherm K12 insulation between timber

# studs

- to SE details
- Vapour Control Layer
- o 1 x 12.5mm plasterboard with skim finish

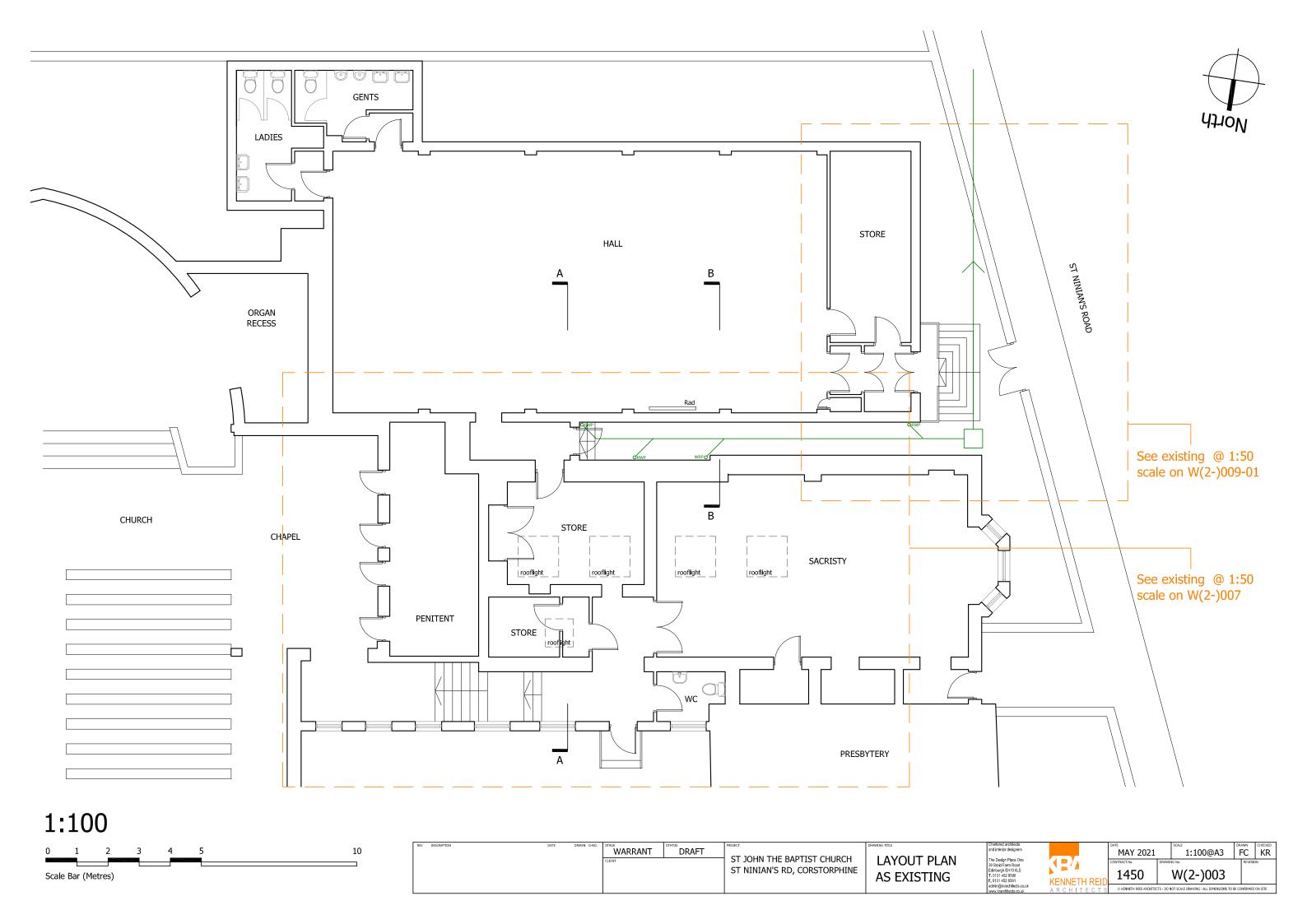
Achieves 0.25W/m2k - refer to attached u-value calculation

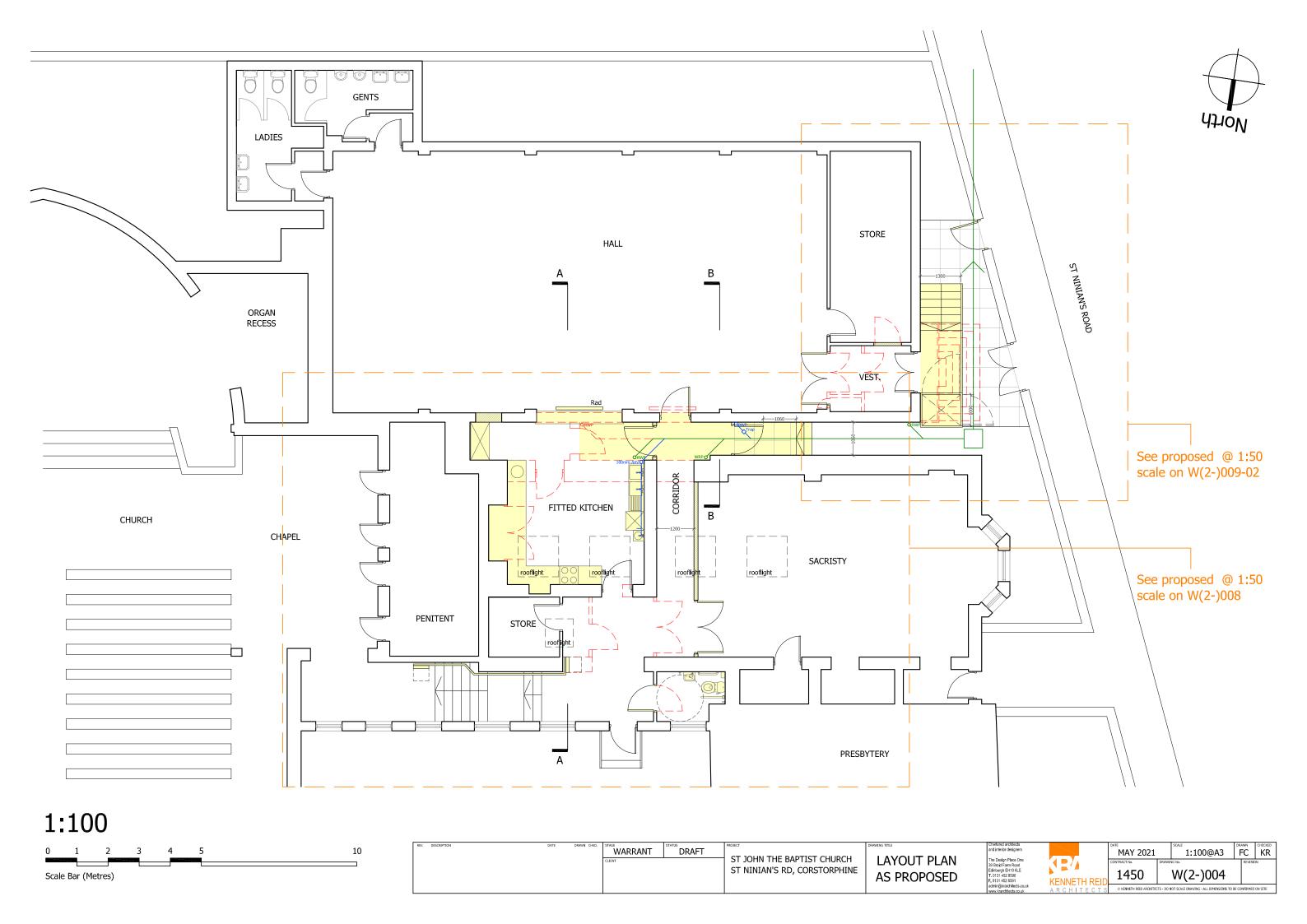
# Roof Type 1

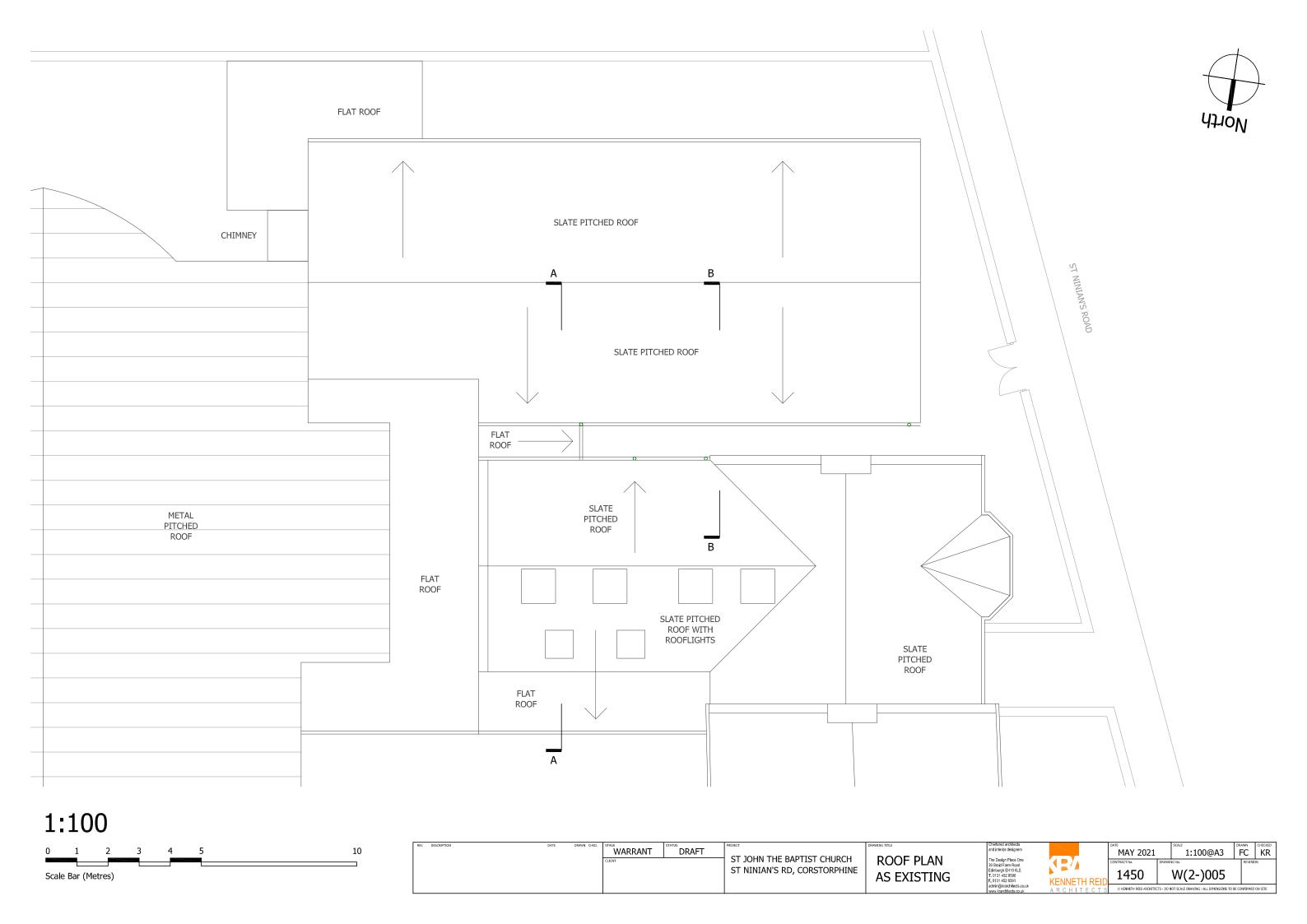
- o Single Ply Membrane
- 120mm Kingspan THERMAROOF TR27 LPC/FM
- o Bituminous Vapour Check
- o 18mm Plywood Decking
- Timber Rafters (to SE details) with 50mm Kingspan Thermaroof TP10 between.
- o Vapour Control Layer
- 12.5mm plasterboard with skim finish

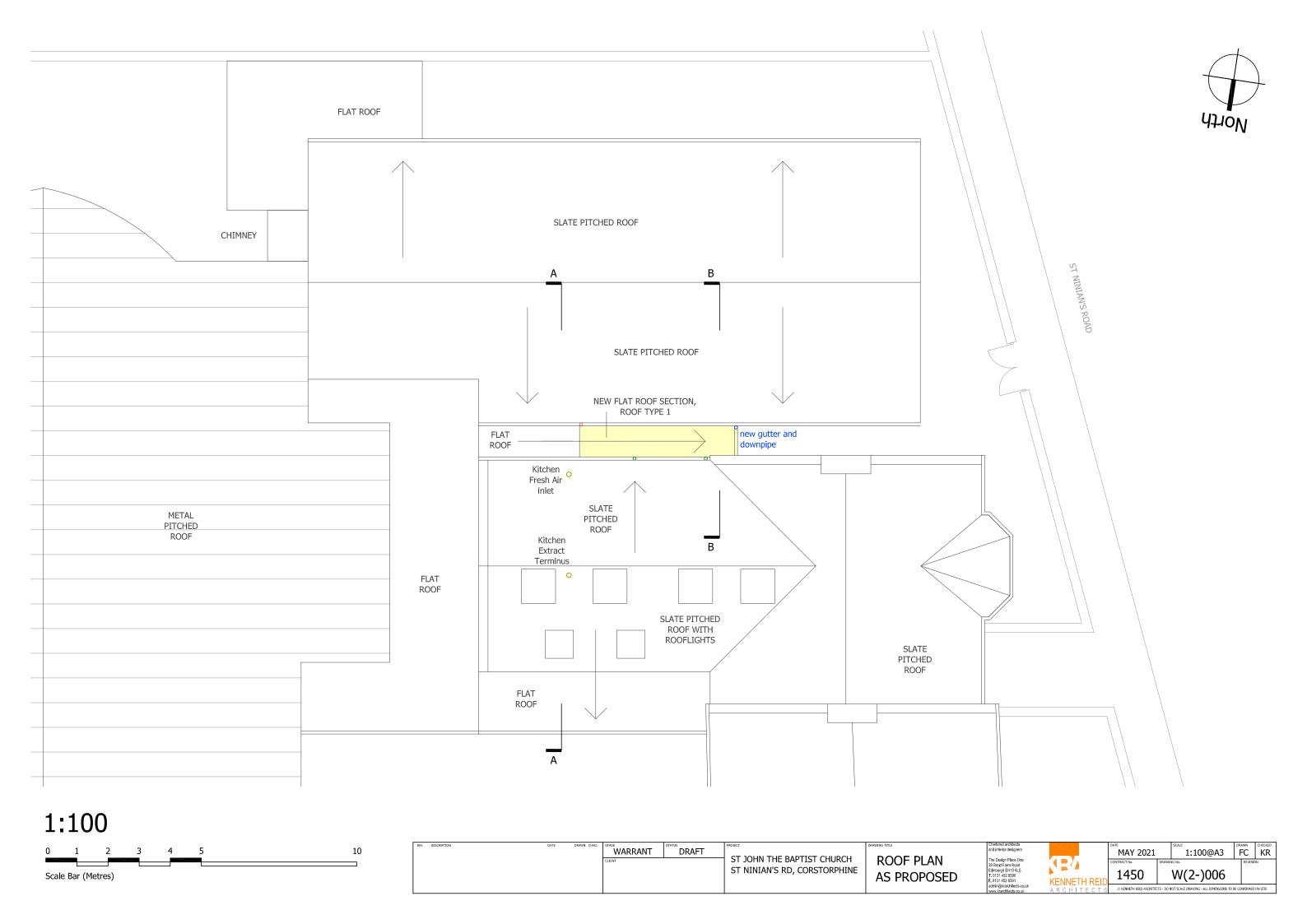
Achieves 0.15W/m2k - refer to attached u-value calculation

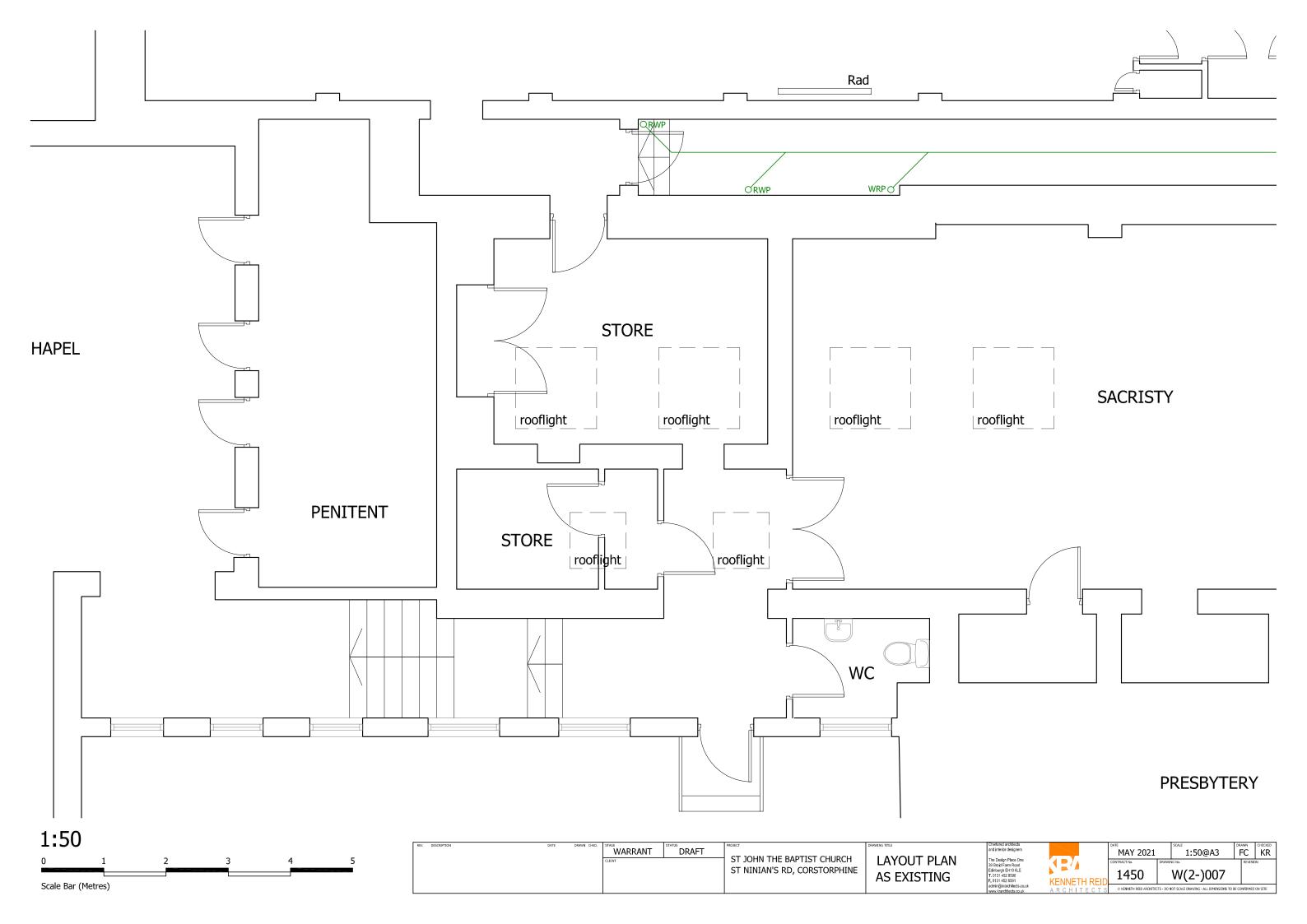
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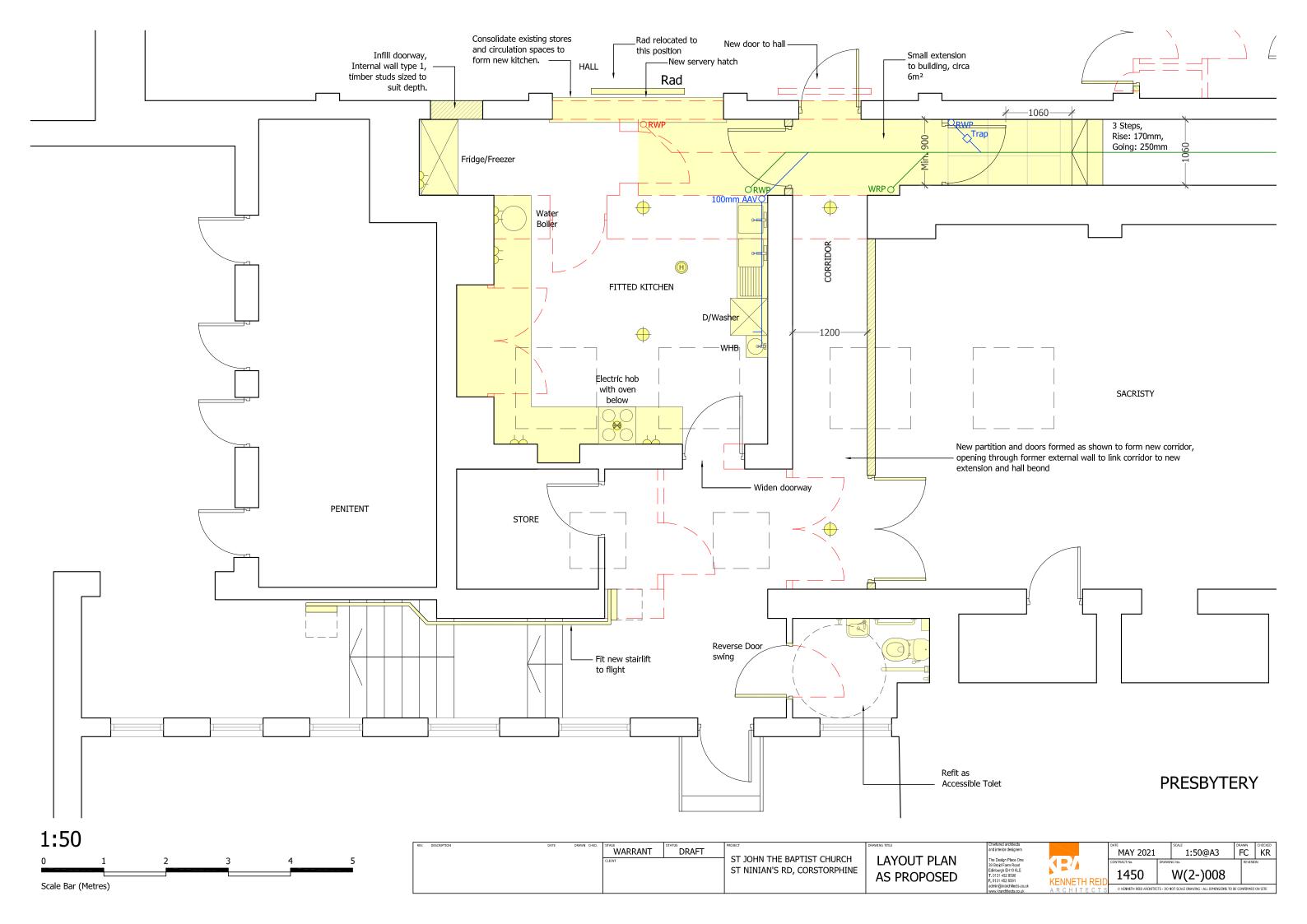


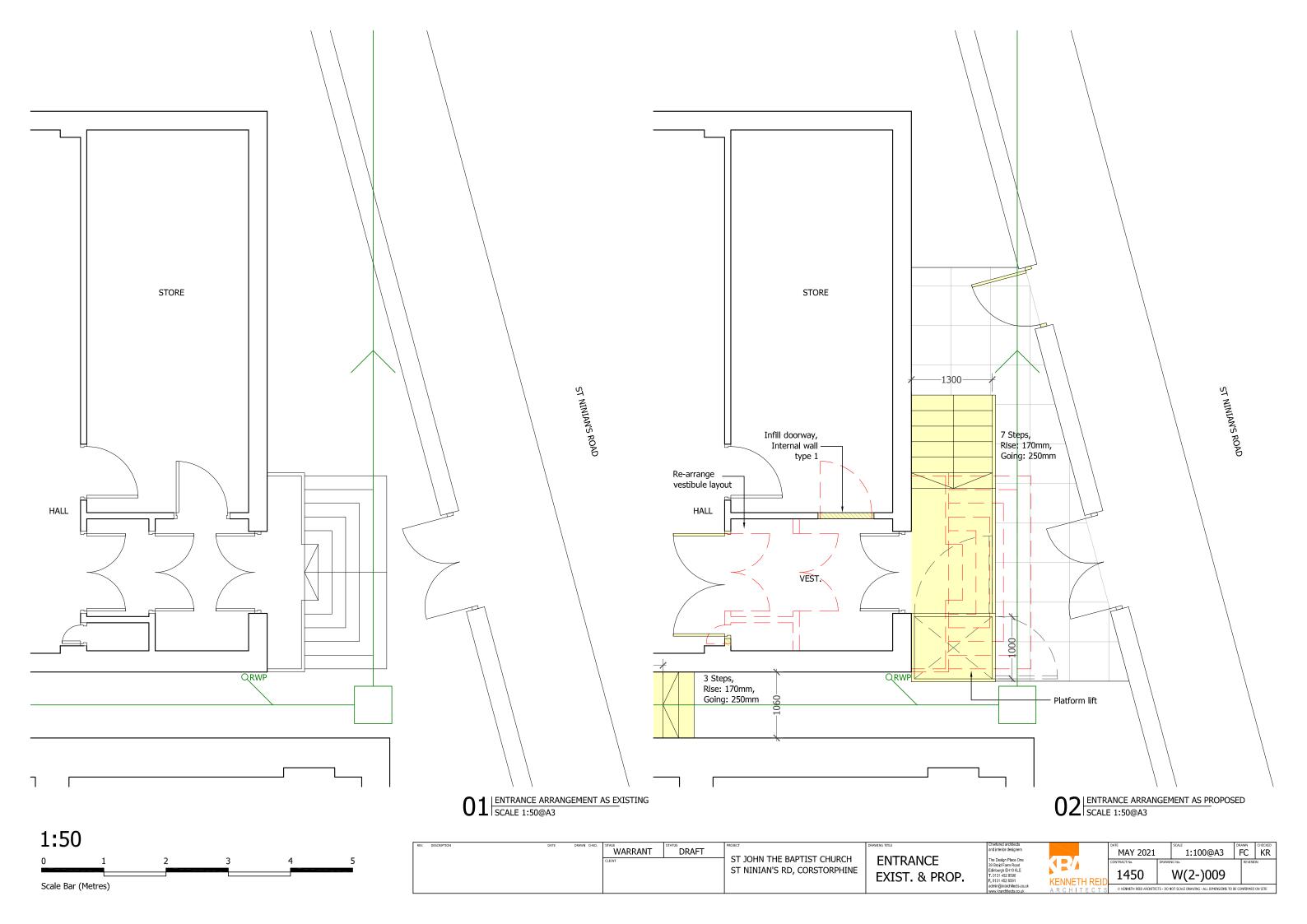


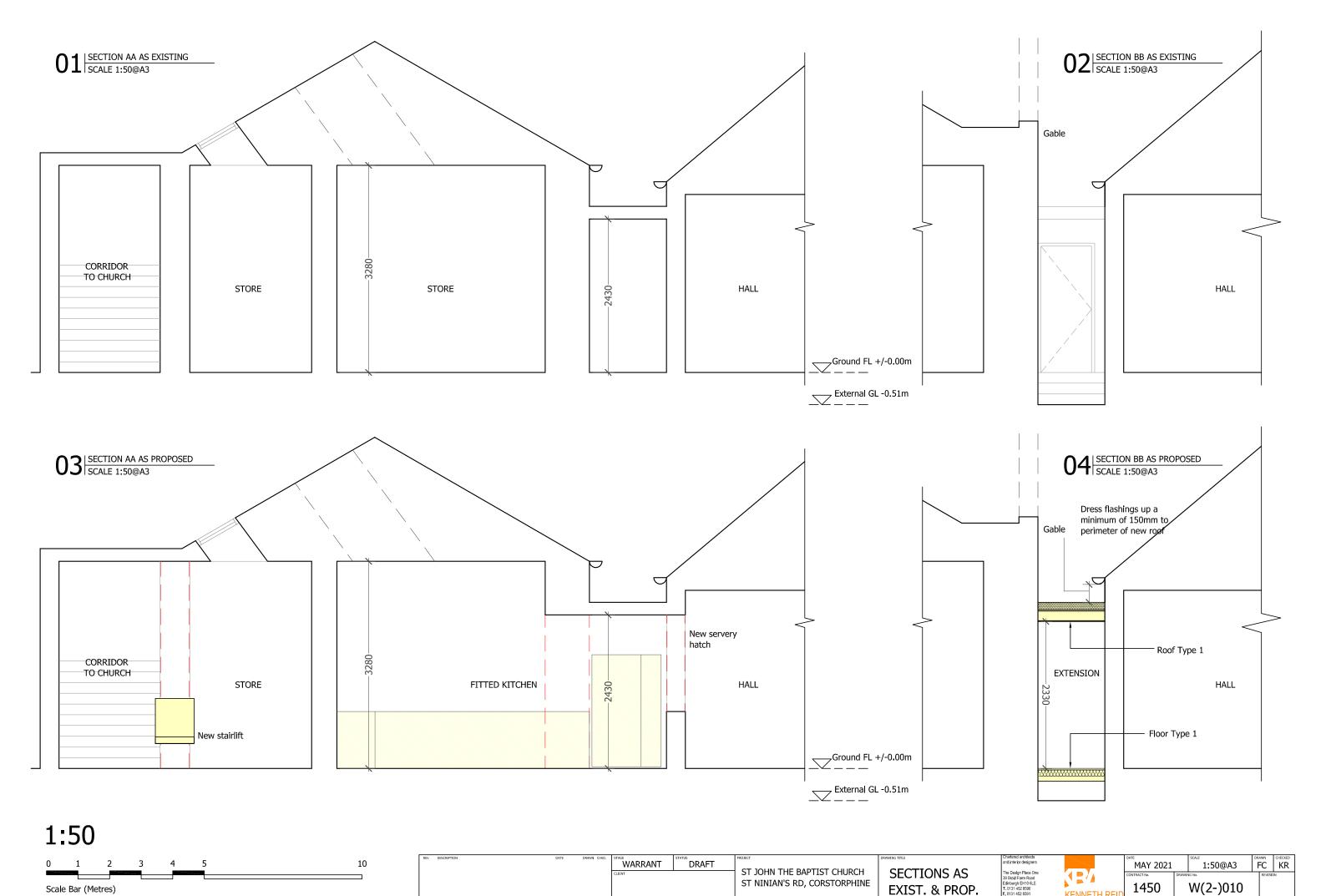


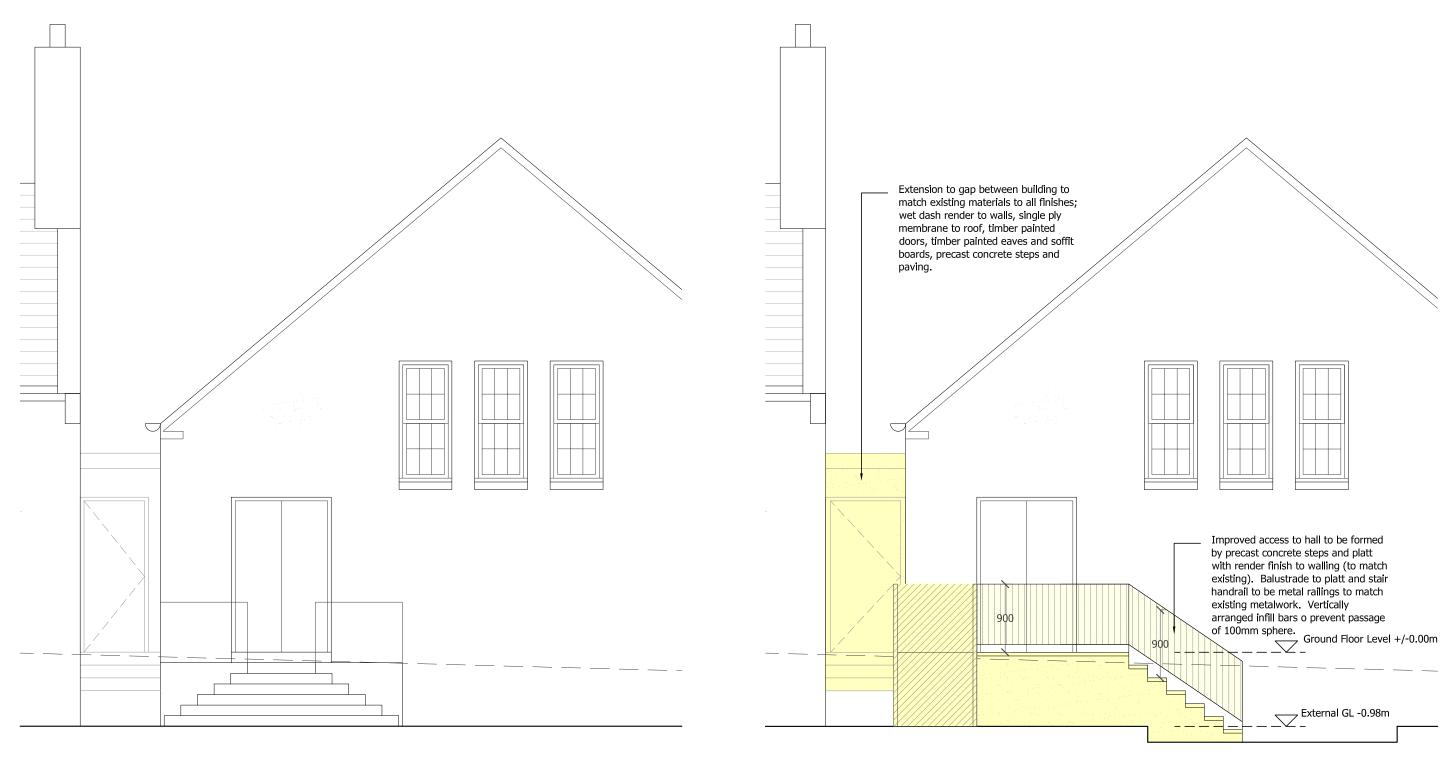












01 WEST ELEVATION AS EXISTING SCALE 1:100@A3

02 | WEST ELEVATION AS PROPOSED | SCALE 1:100@A3



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								admin@krarchitects.co.uk www.krarchitects.co.uk	ARCHITECT	© KENNETH REID ARCHITE	CTS - DO NOT SCALE DRAWING - ALL DIMENSIONS TO B	BE CONFIRMED ON SITE