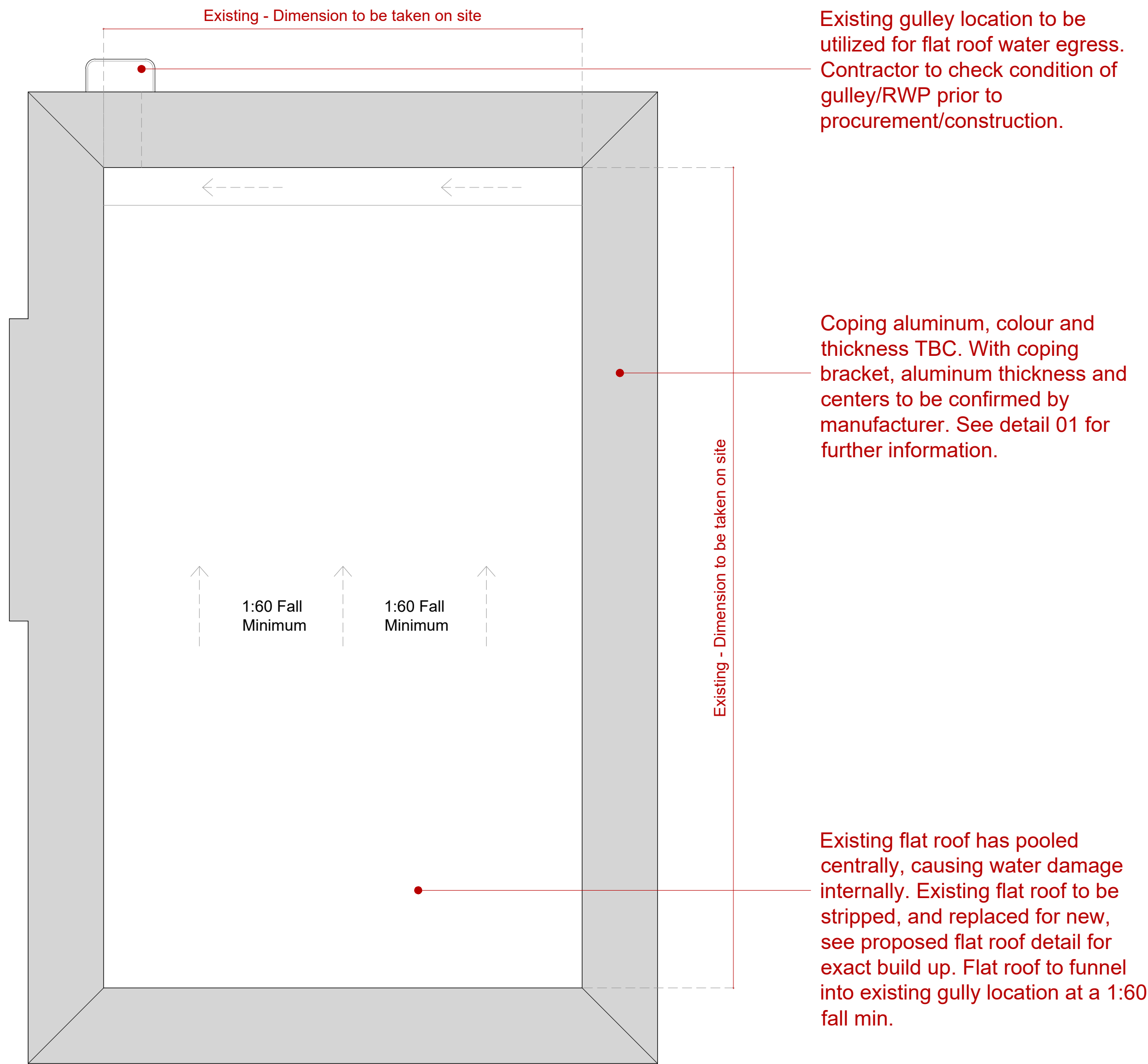
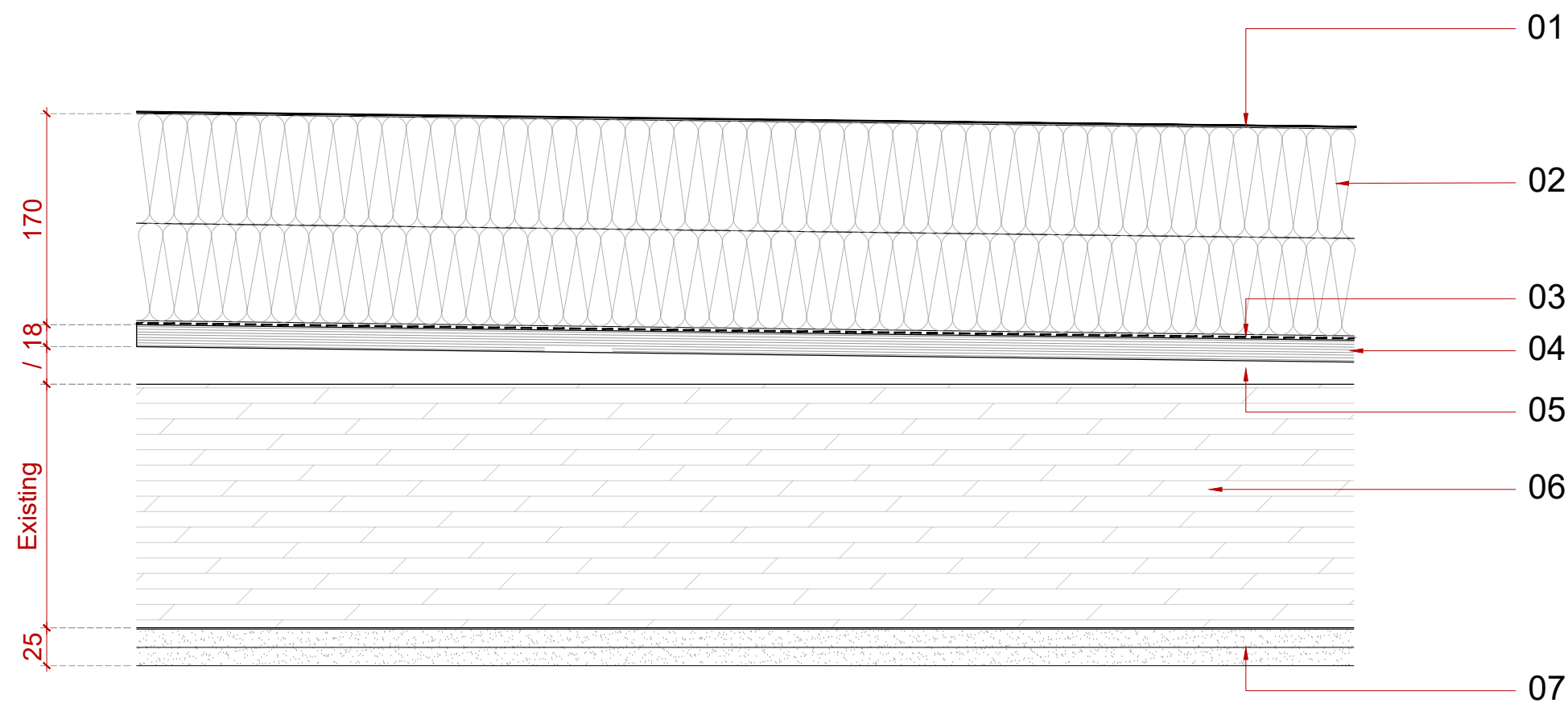


Detail 02 - Proposed Plan - Scale 1:20 @ A1

Existing gully location to be utilized for flat roof water egress. Contractor to check condition of gully/RWP prior to procurement/construction.

Coping aluminum, colour and thickness TBC. With coping bracket, aluminum thickness and centers to be confirmed by manufacturer. See detail 01 for further information.

Existing flat roof has pooled centrally, causing water damage internally. Existing flat roof to be stripped, and replaced for new, see proposed flat roof detail for exact build up. Flat roof to funnel into existing gully location at a 1:60 fall min.



Detail 02 - Flat Roof Detail - Scale 1:5 @ A1

PROPOSED ROOF BUILDUP ACHIEVES A U-VALUE OF 0.14 W/m²/K.

ROOF INSULATION / SINGLE PLY MEMBRANE TO BE A B ROOF (T4) CERTIFIED SYSTEM. THERE ARE NO VARIATIONS TO THIS REQUIREMENT.

STRUCTURE TO BE PROTECT BY 60 MIN FIRE LINE.



Flat roof location plan - Scale NTS @ A1

DETAIL 02 - FLAT ROOF DETAIL
SCALE 1:5 @ A1

01- 1.5mm PROTAN G single ply roofing membrane, or similar approved, loose laid as manufacturer's details.

02- 170mm Kingspan THERMAROOF TR27.

03- Vapour control layer

04- 18mm external grade plywood board laid on timber firings.

05- Timber firings laid onto existing timber flat roof joists, firings to be cut to falls of 1:60 minimum.

06- Existing timber joists, to be reviewed by structural engineer on site to check condition. Construction not to commence until such a check has been completed.

07- 2x12.5mm GTEC Fireboard finish with 3mm skim.

PLANNING ISSUE

CLIENT	TRIDENT
PROJECT	SMITHFIELD BUILDINGS MANCHESTER
TITLE	DETAIL 02 FLAT ROOF
JOB NO.	TRI01
DWG NO.	TRI01-D-AD1.02
SCALE	VARIES
DRAWN	ZS

46 MANCHESTER ROAD
CHORLTON
MANCHESTER
M21 9PH

info@justtharchitects.co.uk
T +44(0)161 237 5500

JH.A

RIBA
Chartered Practice

arb
Architects
Registration
Board