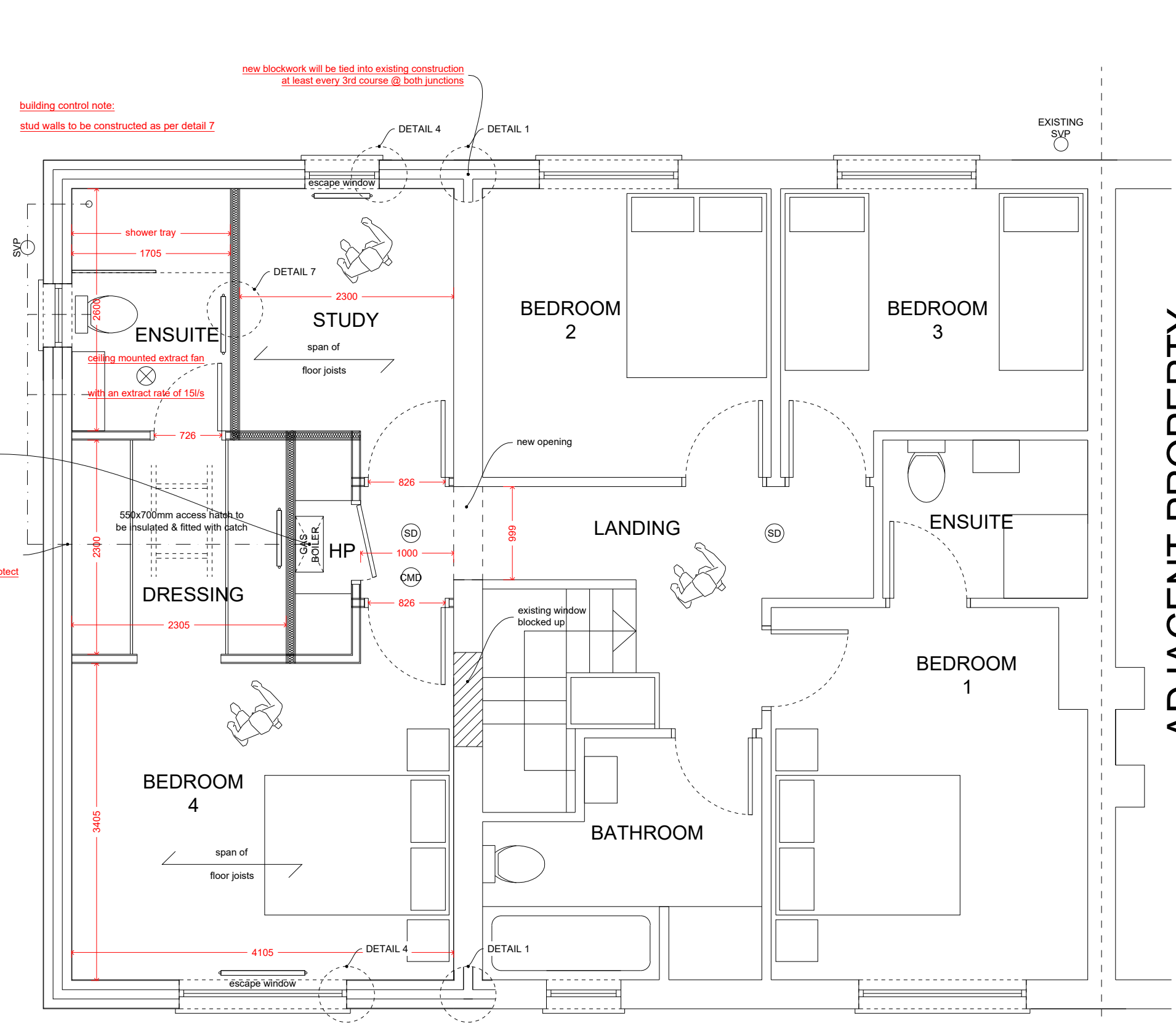


NOTE  
ALL EXISTING DIMENSIONS MUST BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO WORK COMMENCING.  
THIS DRAWING IS COPYRIGHT AND IS PRODUCED SOLELY FOR PURPOSES OF THE PROJECT STAGE NOTED ABOVE.  
IT MAY NOT IN ANY FORM BE USED OR REPRODUCED IN PART OR WHOLE FOR ANY OTHER PURPOSE.  
THE APPLICANT HAS A DUTY TO OFFICIALLY APPOINT BOTH THE PRINCIPAL DESIGNER AND THE PRINCIPAL CONTRACTOR IN WRITING. IF THIS OFFICIAL APPOINTMENT DOES NOT TAKE PLACE, THEN THE DUTIES OF BOTH THE PRINCIPAL DESIGNER AND THE PRINCIPAL CONTRACTOR ARE REMAINED BY THE CLIENT FOR THE DURATION OF THE CONSTRUCTION PROJECT.  
AS A DOMESTIC CLIENT, YOU ALSO HAVE SPECIFIC DUTIES UNDER THE CONSTRUCTION REGULATIONS.  
THESE DUTIES ARE AUTOMATICALLY TAKEN ON BY THE PRINCIPAL CONTRACTOR, ONCE THE COMPANY COMMENCES ON SITE, ON YOUR BEHALF.

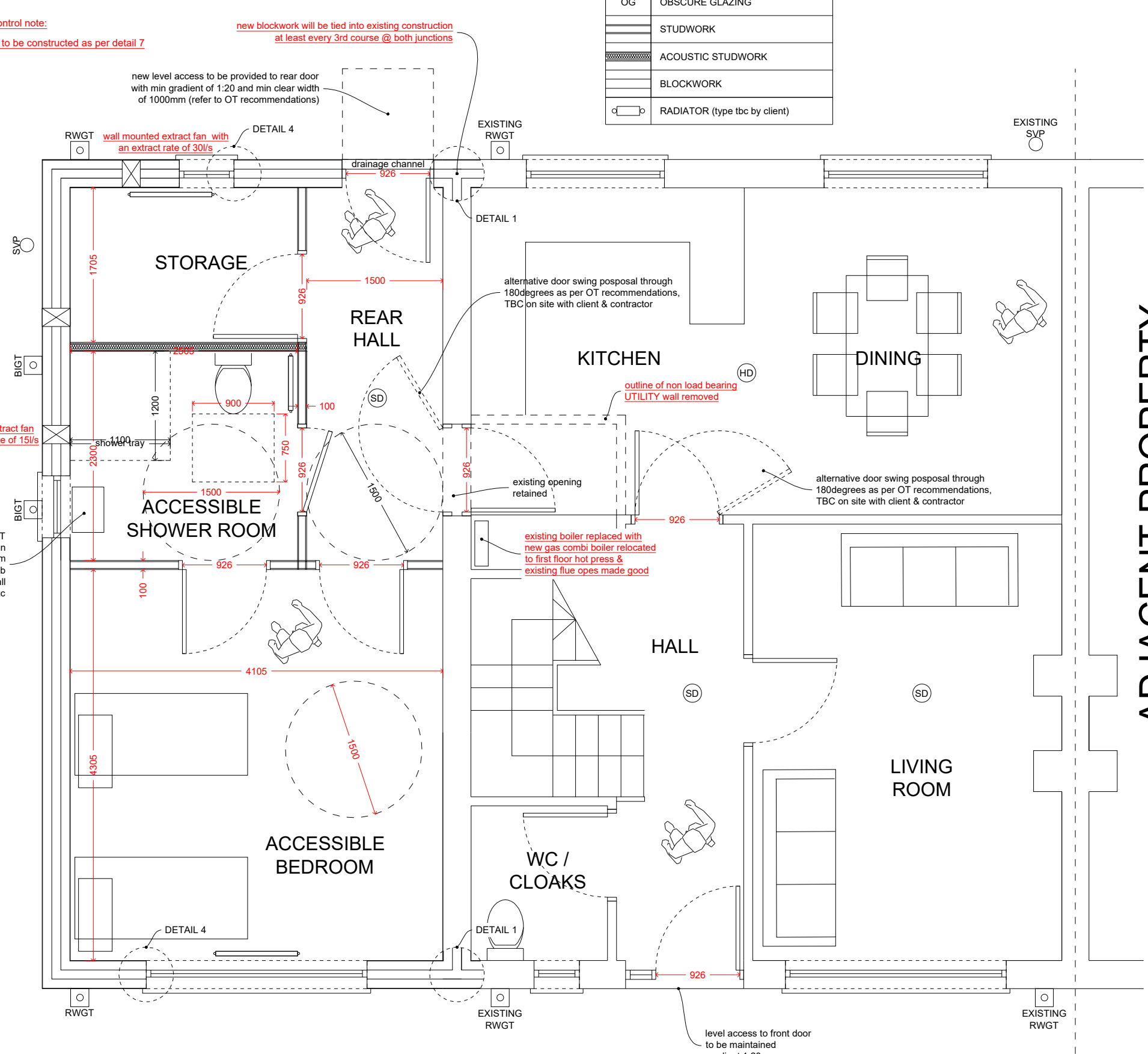


**FIRST FLOOR PLAN**  
SCALE 1:50

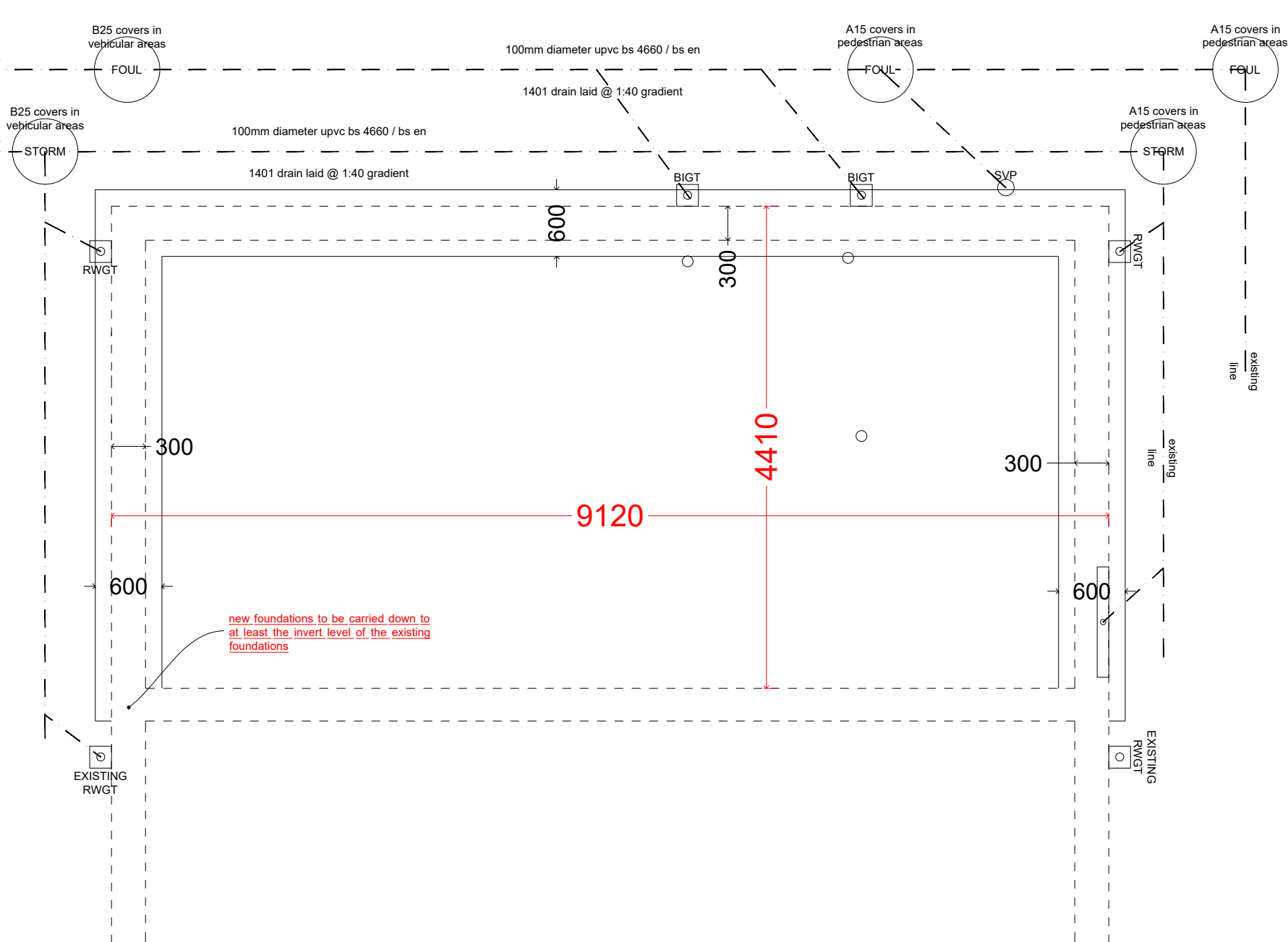
**KEY**

- ⊗ CEILING MOUNTED EXTRACT FAN
- ⊗ WALL MOUNTED EXTRACT FAN
- ⊗ SMOKE DETECTOR
- ⊗ HEAT DETECTOR
- ⊗ CARBON MONOXIDE DETECTOR
- ⊗ SECURITY ALARM
- SG SAFETY GLAZING
- EEW ESCAPE WINDOW (0.33m<sup>2</sup>)
- OG OBSCURE GLAZING
- STUDWORK
- ACOUSTIC STUDWORK
- BLOCKWORK
- RADIATOR (type tbc by client)

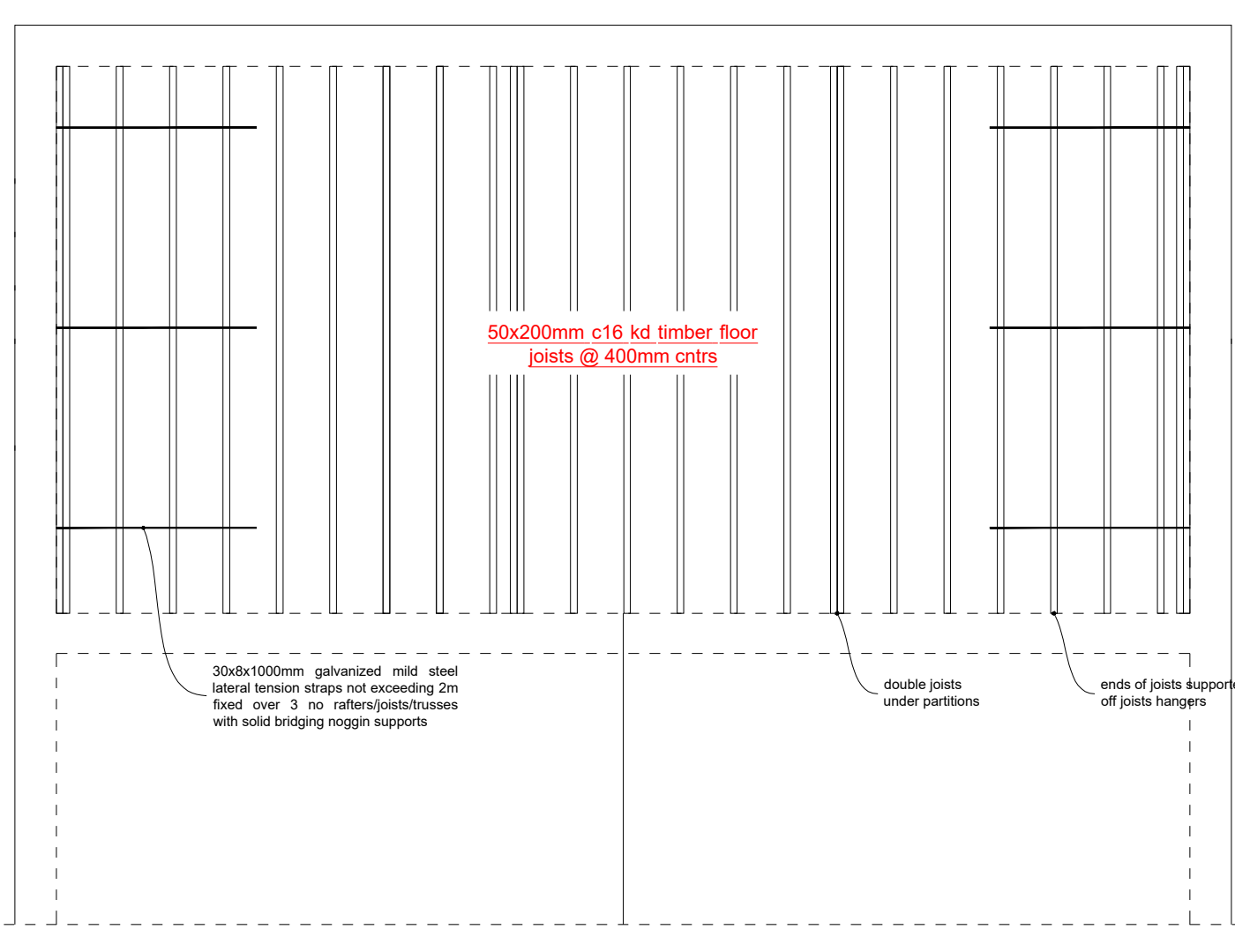
**note**  
all dimensions noted are reflective of structural openings not including the thickness of any finishes such as plaster/render, floor/wall finishes, cladding etc.  
i.e. blockwork-blockwork or blockwork-plasterboard



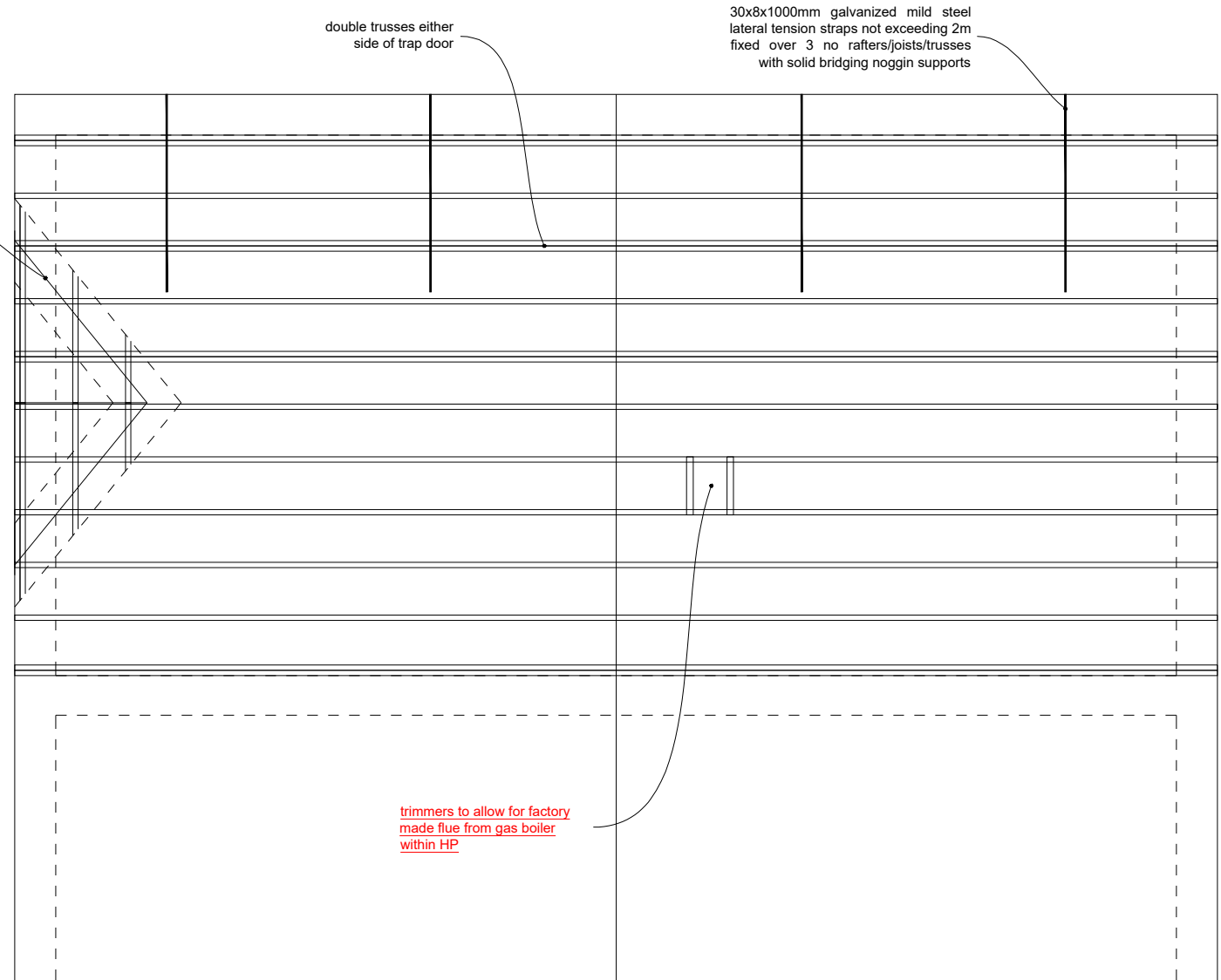
**GROUND FLOOR PLAN**  
SCALE 1:50



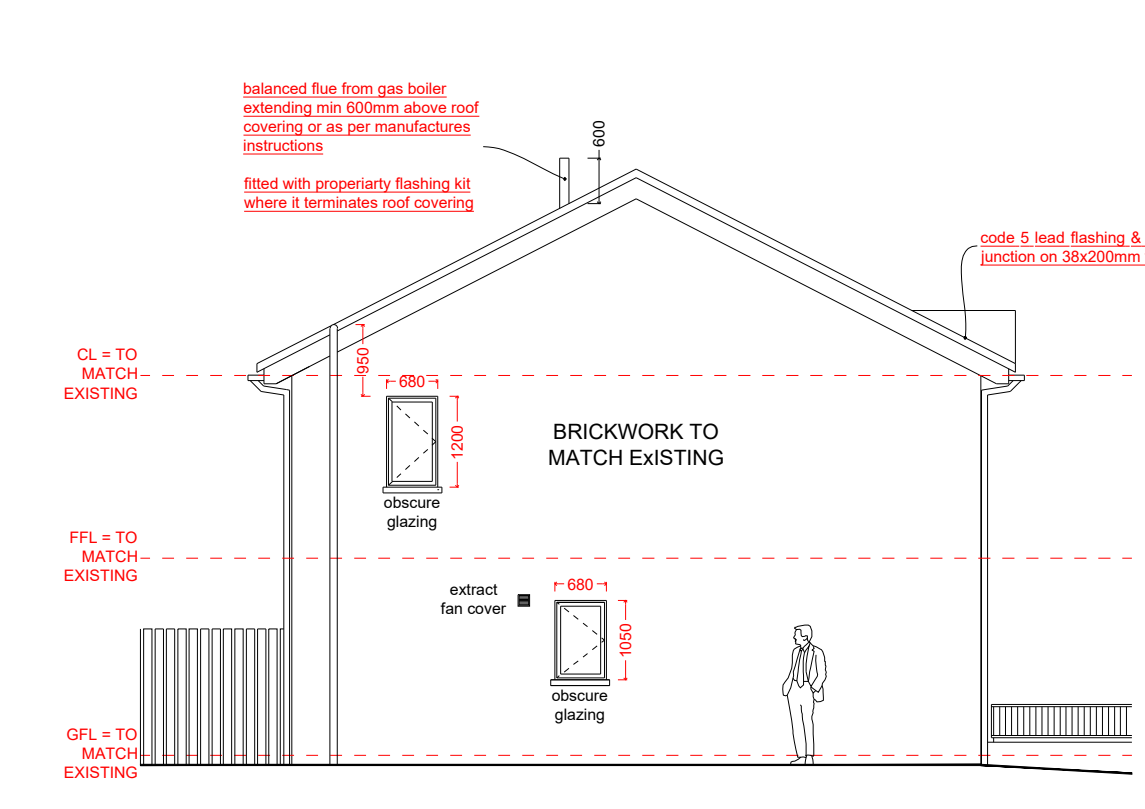
**FOUNDATION & DRAINAGE PLAN**  
SCALE 1:50



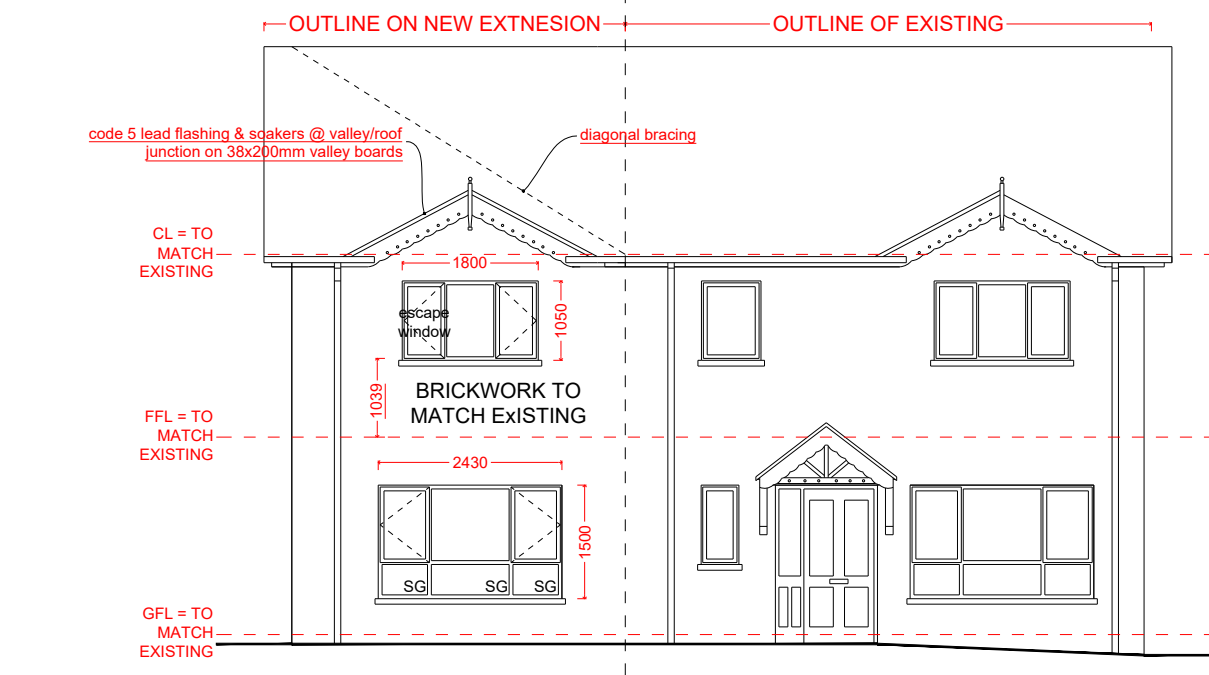
**JOIST PLAN**  
SCALE 1:50



**ROOF PLAN**  
SCALE 1:50

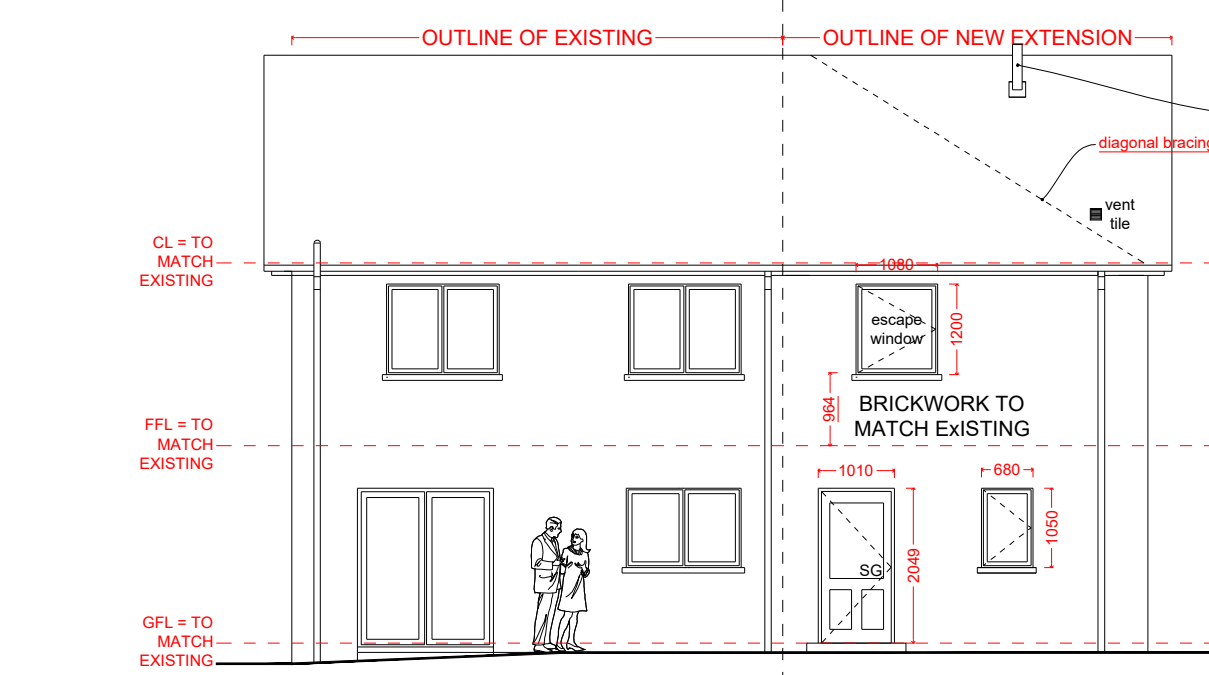


**PROPOSED SIDE ELEVATION**  
SCALE 1:100



**PROPOSED FRONT ELEVATION**  
SCALE 1:100

rain water drainage gutters - 110mm half round rwdps - 75mm dia pipework to comply with bs 4660 1973.



**PROPOSED REAR ELEVATION**  
SCALE 1:100

**U-VALUE / THERMAL SUMMARY**

ELEMENT	DESCRIPTION	VALUE
FLOORS	100 mm kingspan kooltherm @ k103	0.15 w/m <sup>2</sup> k
WALLS	75 mm kingspan kooltherm @ k103	0.18 w/m <sup>2</sup> k
ROOF - CEILING	300 mm knauf earthwool @ k40	0.13 w/m <sup>2</sup> k
WINDOWS / ROOFLIGHTS	double glazed 16mm air gap @ 10 (soft coat) low e	1.6 w/m <sup>2</sup> k
DOORS		1.8 w/m <sup>2</sup> k

**FINISHES SCHEDULE**

ROOF	DESCRIPTION
ROOF	tiles to match existing
WALLS	brickwork to match existing
WINDOWS	white upvc to match existing
DOORS	composite door to match existing
RWGS	black upvc to match existing
DOWNPIPES	black upvc to match existing

**LINTEL SCHEDULE**

REINFORCEMENT TO BE HIGH YIELD STEEL TO BS 4449 CONC MIX 1:2:4

SPAN	NO. OF COURSES	REINFORCEMENT	END BEARING
600	2	1 no. 10mm	150mm
900	2	1 no. 10mm	150mm
1200	2	1 no. 10mm	150mm
1500	3	1 no. 10mm	150mm
1800	3	1 no. 10mm	200mm
2100	3	1 no. 10mm	200mm
2400	3	1 no. 10mm	200mm

TOP STEEL TO BE PROVIDED TO 2.4m LINTEL

**BACKGROUND VENTILATION CALCULATION**

ROOM	DESCRIPTION	VENTILATED AREA (mm <sup>2</sup> )
STUDY	titon trimvent	12000
ENSUITE	titon trimvent	6000
BEDROOM 4	titon trimvent	12000
STORAGE	titon trimvent	12000
ACCESSIBLE SHOWER ROOM	titon trimvent	6000
ACCESSIBLE BEDROOM	titon trimvent	12000

building control note:  
12000 mm<sup>2</sup> trickle vents to habitable rooms  
6000 mm<sup>2</sup> to wet rooms

REV	DATE	REVISION
D	05/10/2020	RESPONSE TO BUILDING CONTROL
C	01/10/2020	RESPONSE TO BUILDING CONTROL
B	16/09/2020	CLIENT CHANGES
A	15/08/2020	RESPONSE TO BUILDING CONTROL

**BUILDING CONTROL**

CLIENT:  
ORLAGH & JOHN MOORE

ADDRESS:  
27 HOLLYFIELDS, DUNGANNON

PROJECT:  
TWO STOREY SIDE EXTENSION

DRAWING:  
PROPOSED PLANS & ELEVATIONS

REF: DWG NO: wd 02  
REV: D DWN BY:  
SCALE: AS SHOWN @ A1 DATE: AUGUST 2020

**BARRY MAGUIRE**  
chartered architect

39 CARLAND ROAD  
DUNGANNON  
BT17 1AA  
info@barymaguire.co.uk  
077 244 455 68

RIBA  
ARB

www.barymaguire.co.uk