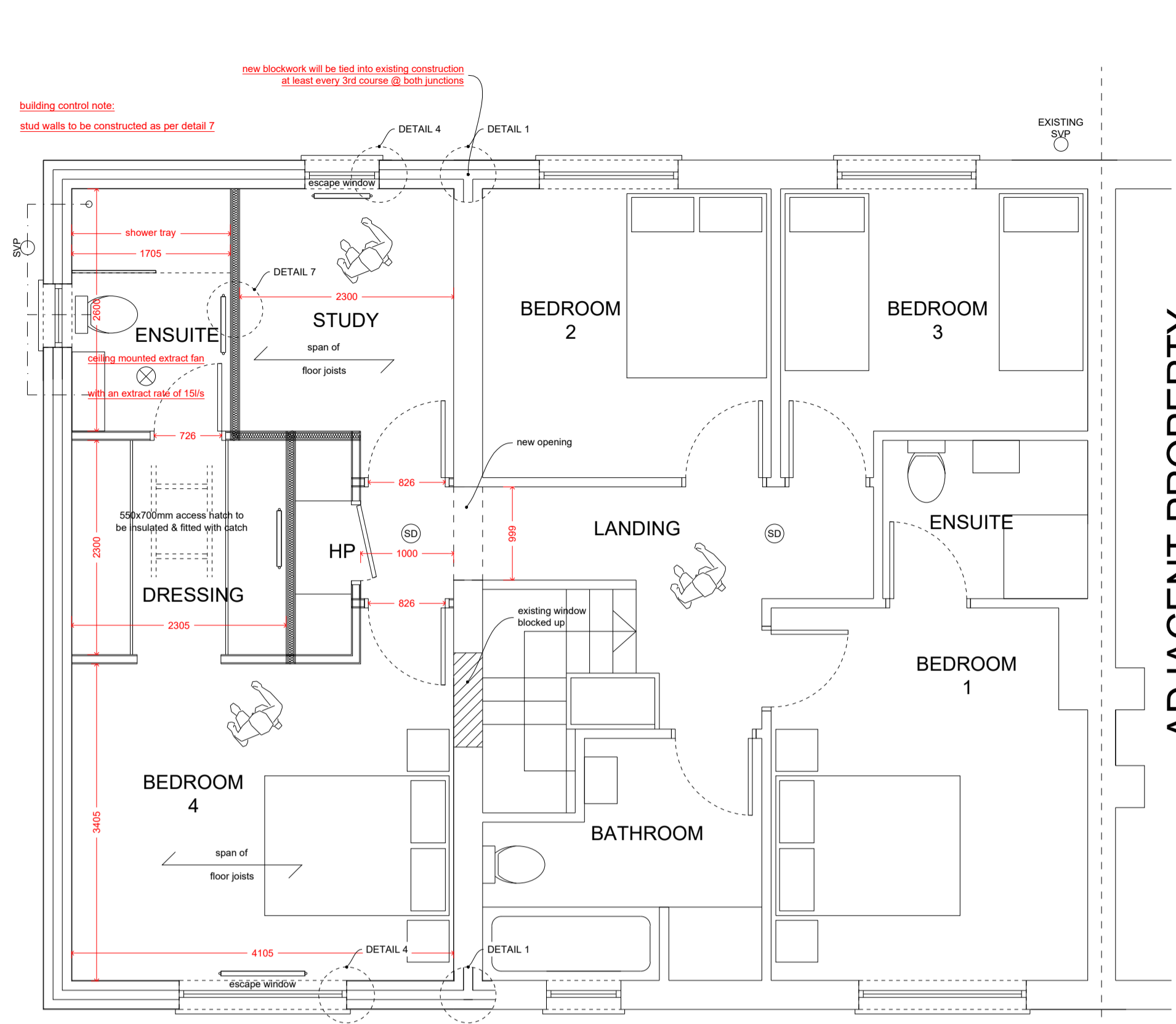
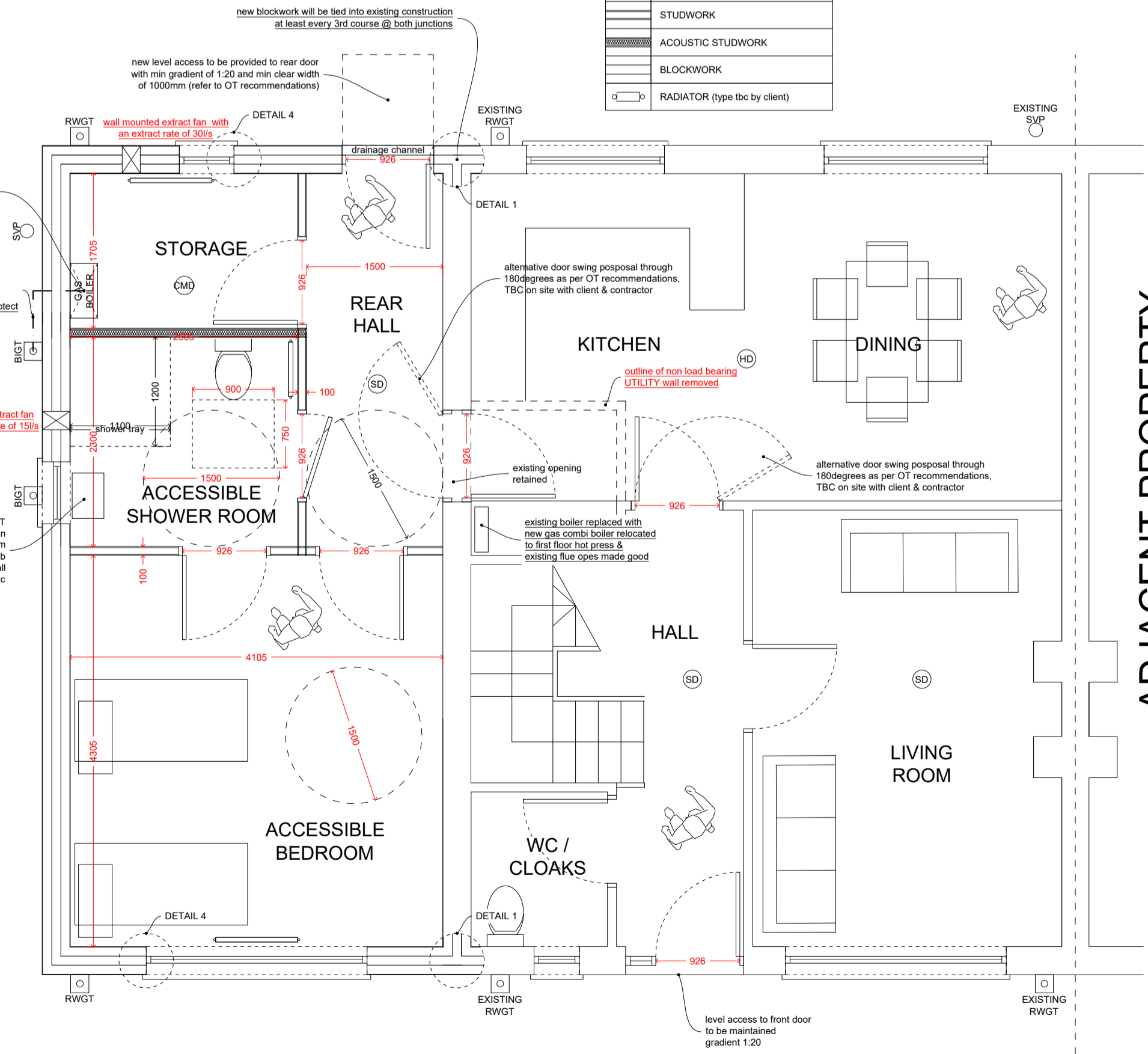


NOTE
 ALL EXISTING DIMENSIONS MUST BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO WORK COMMENCING.
 THIS DRAWING IS COPYRIGHT AND IS PRODUCED SOLELY FOR PURPOSES OF THE PROJECT STAGE NOTED ABOVE.
 IT MAY NOT IN ANY FORM BE USED OR REPRODUCED IN PART OR WHOLE FOR ANY OTHER PURPOSE.
 THE APPLICANT HAS A 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.



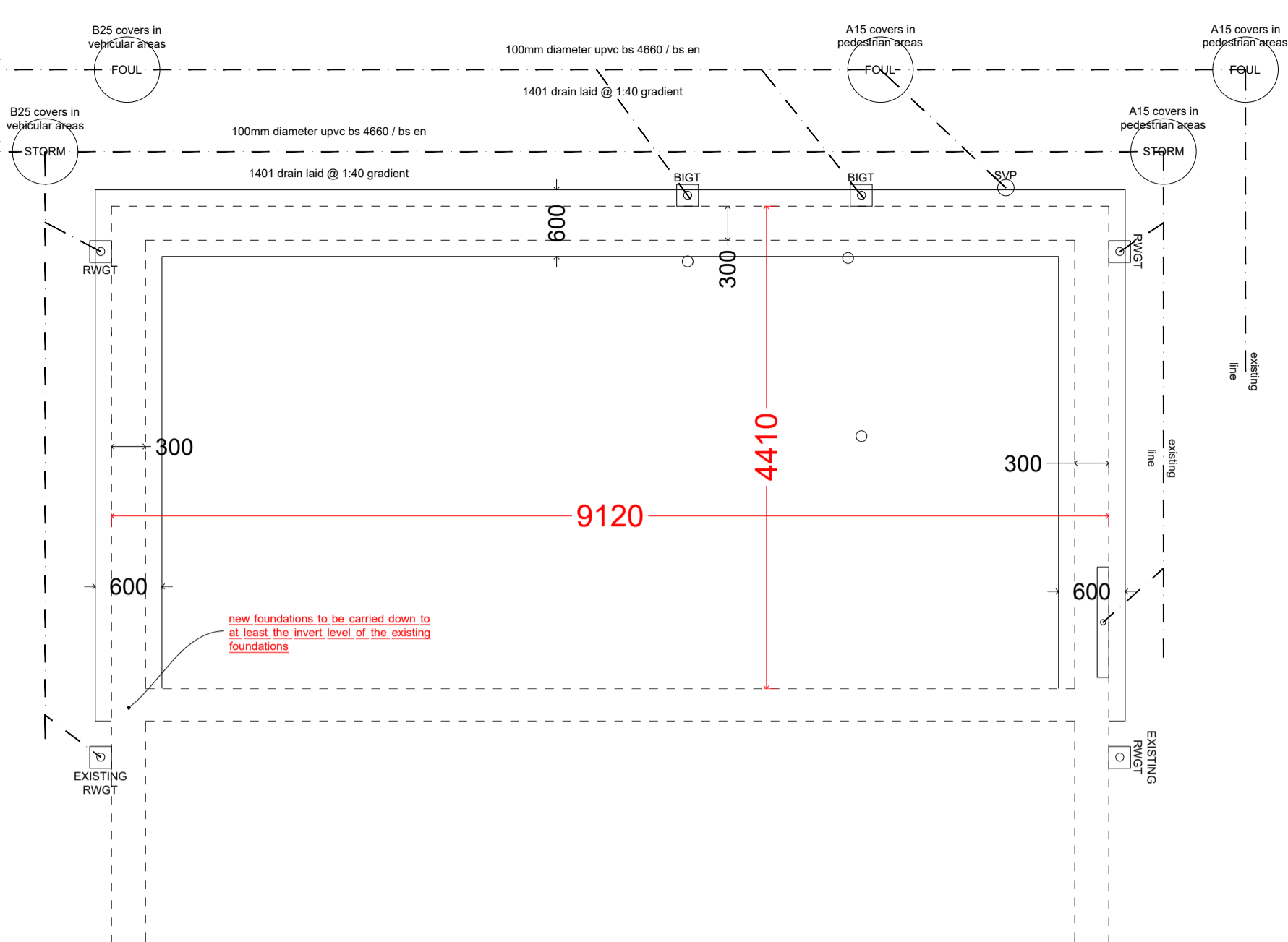
FIRST FLOOR PLAN
 SCALE 1:50

building control note:
 stud walls to be constructed as per detail 7

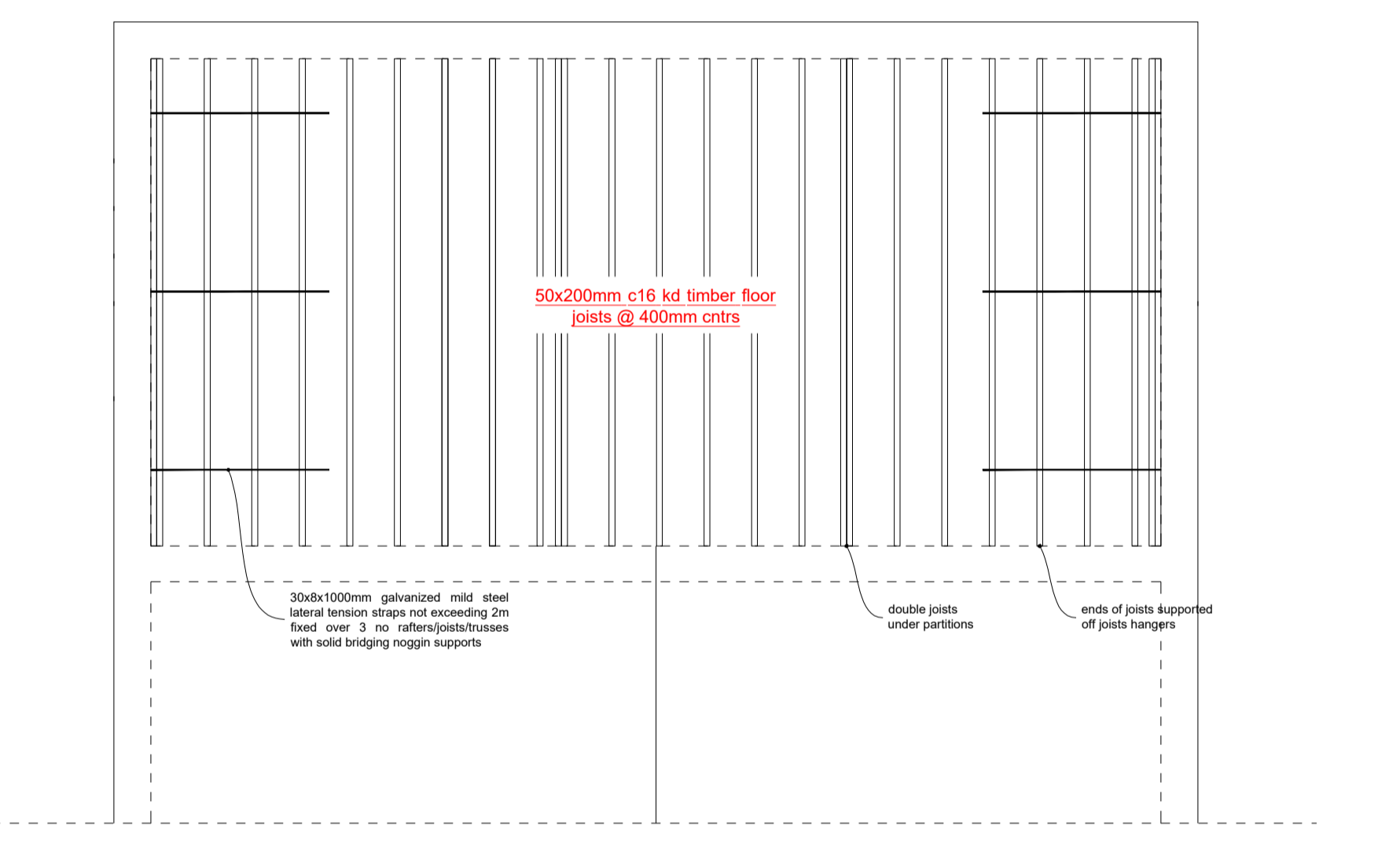


GROUND FLOOR PLAN
 SCALE 1:50

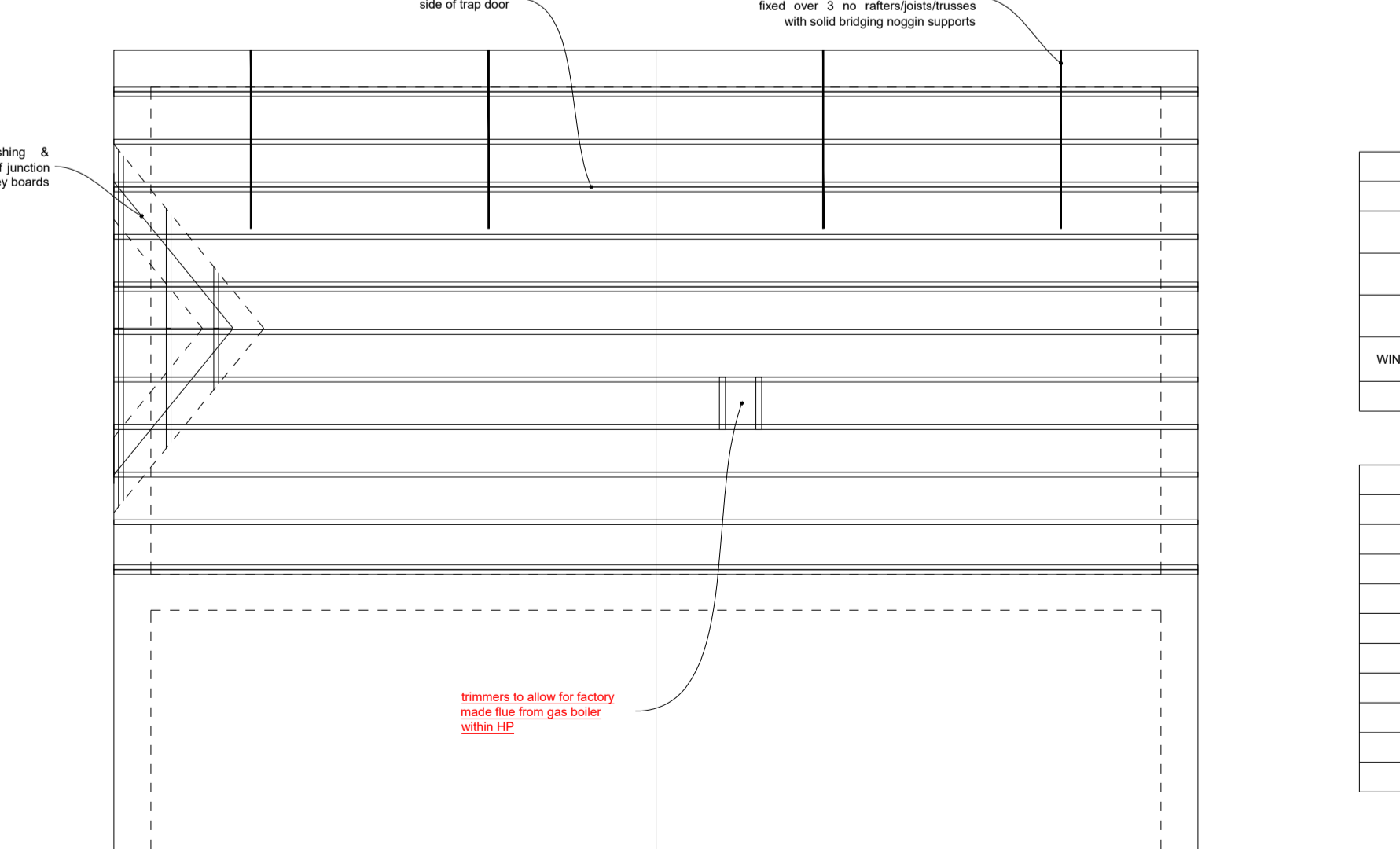
note:
 upon commissioning the gas boiler safety certificate to be provided to building control noting efficiency etc.
 note:
 application for gas boiler by others
 new combi gas boiler with balanced flue terminating roof via plumerkit (gas boiler to be fed from mains gas)
 condensate drain from boiler ducted to nearby external SVP
 pipe to be lagged to protect from frost damage
 refer to OT recommendation regarding bathroom fixtures & fittings, grab rails, floor & wall finishes etc



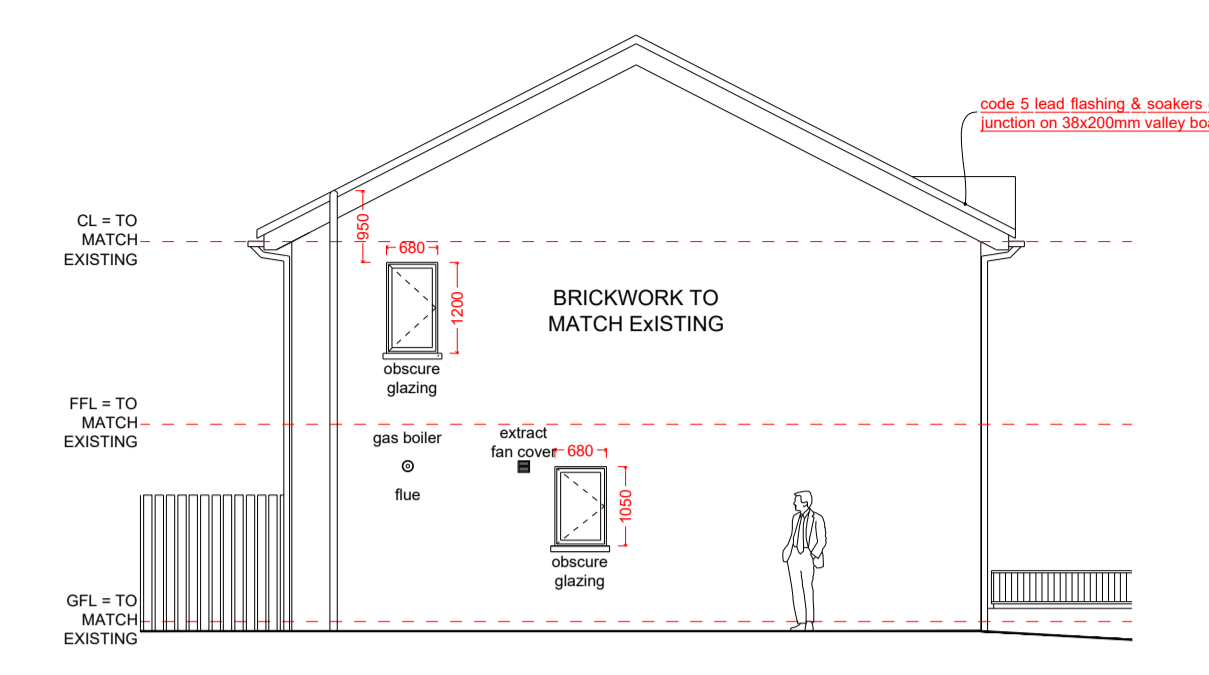
FOUNDATION & DRAINAGE PLAN
 SCALE 1:50



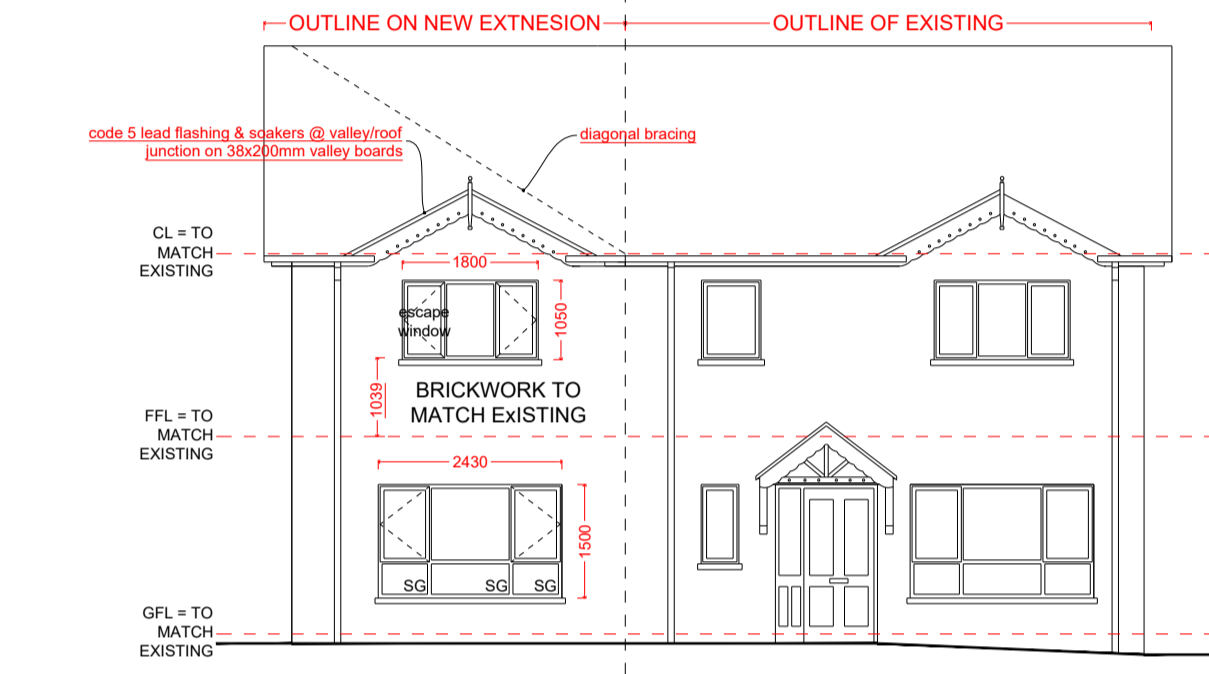
JOIST PLAN
 SCALE 1:50



ROOF PLAN
 SCALE 1:50

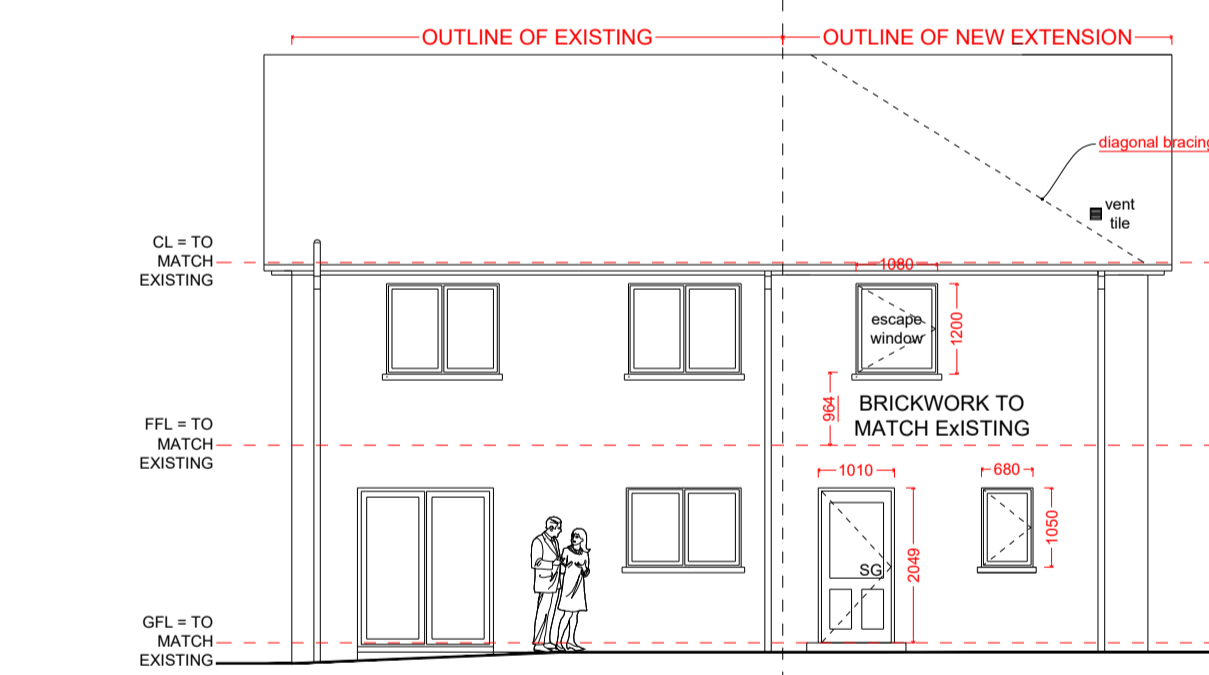


PROPOSED SIDE ELEVATION
 SCALE 1:100



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

ELEMENT	U-VALUE / THERMAL SUMMARY	DESCRIPTION	VALUE
FLOORS	100 mm kingspan kooltherm @ k103		0.15 w/m2.k
WALLS	75 mm kingspan kooltherm @ k103		0.18 w/m2.k
ROOF - CEILING	300 mm knauf earthwool @ k40		0.13 w/m2.k
WINDOWS / ROOFLIGHTS	double glazed 16mm air gap @ 10 (east) low e		1.6 w/m2.k
DOORS			1.8 w/m2.k

FINISHES SCHEDULE		
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 (m2)
STUDY	100mm trivent	12000
ENSUITE	100mm trivent	6000
BEDROOM 4	100mm trivent	12000
STORAGE	100mm trivent	12000
ACCESSIBLE SHOWER ROOM	100mm trivent	6000
ACCESSIBLE BEDROOM	100mm trivent	12000

building control note:
 12000 mm² trickle vents to habitable rooms
 6000 mm² to wet rooms

REV	DATE	REVISION
E	18/10/2020	CLIENT CHANGES (GAS BOILER)
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: E DWN BY:
 SCALE: AS SHOWN @ A1 DATE: AUGUST 2020

BARRY MAGUIRE
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