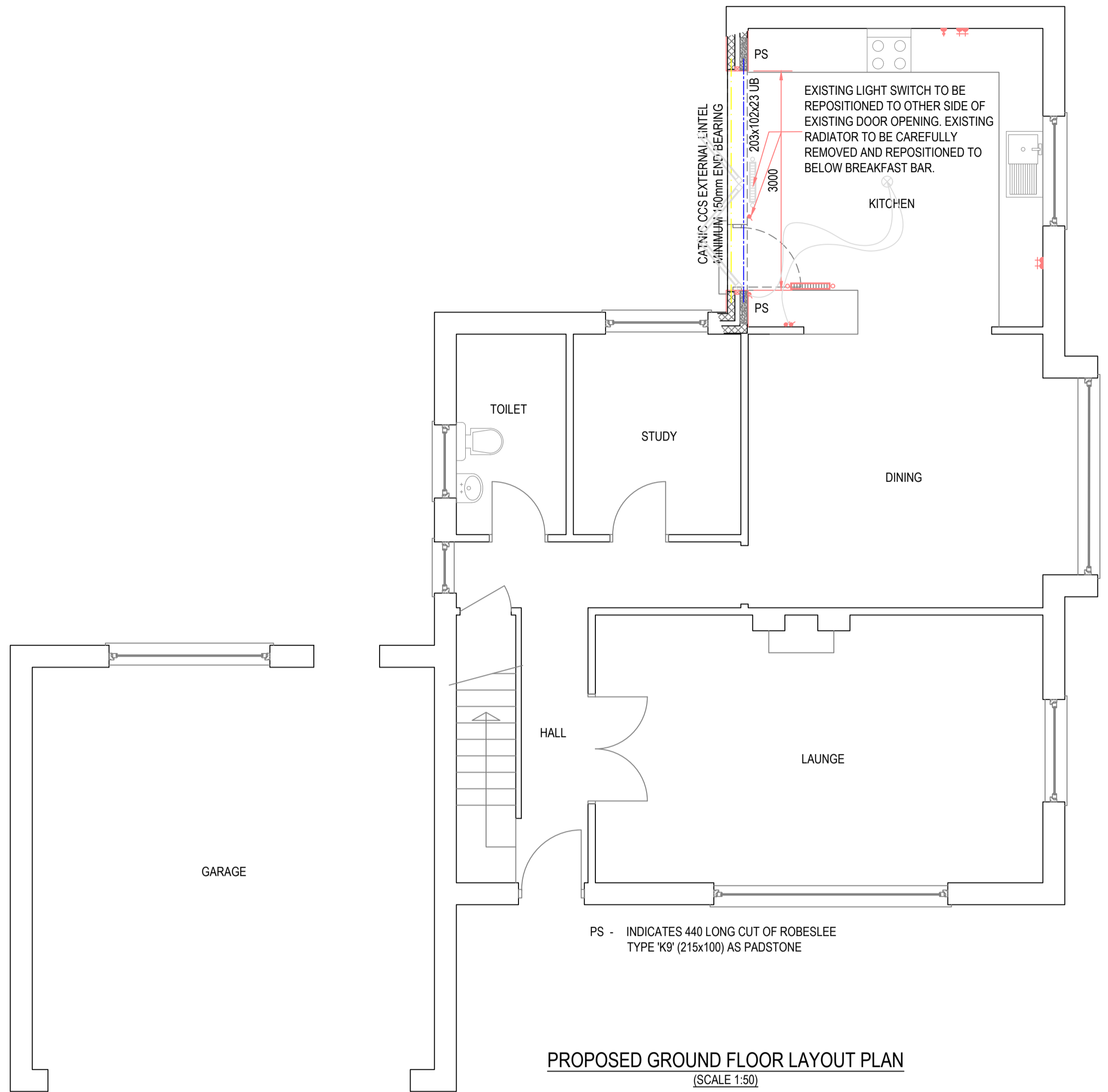
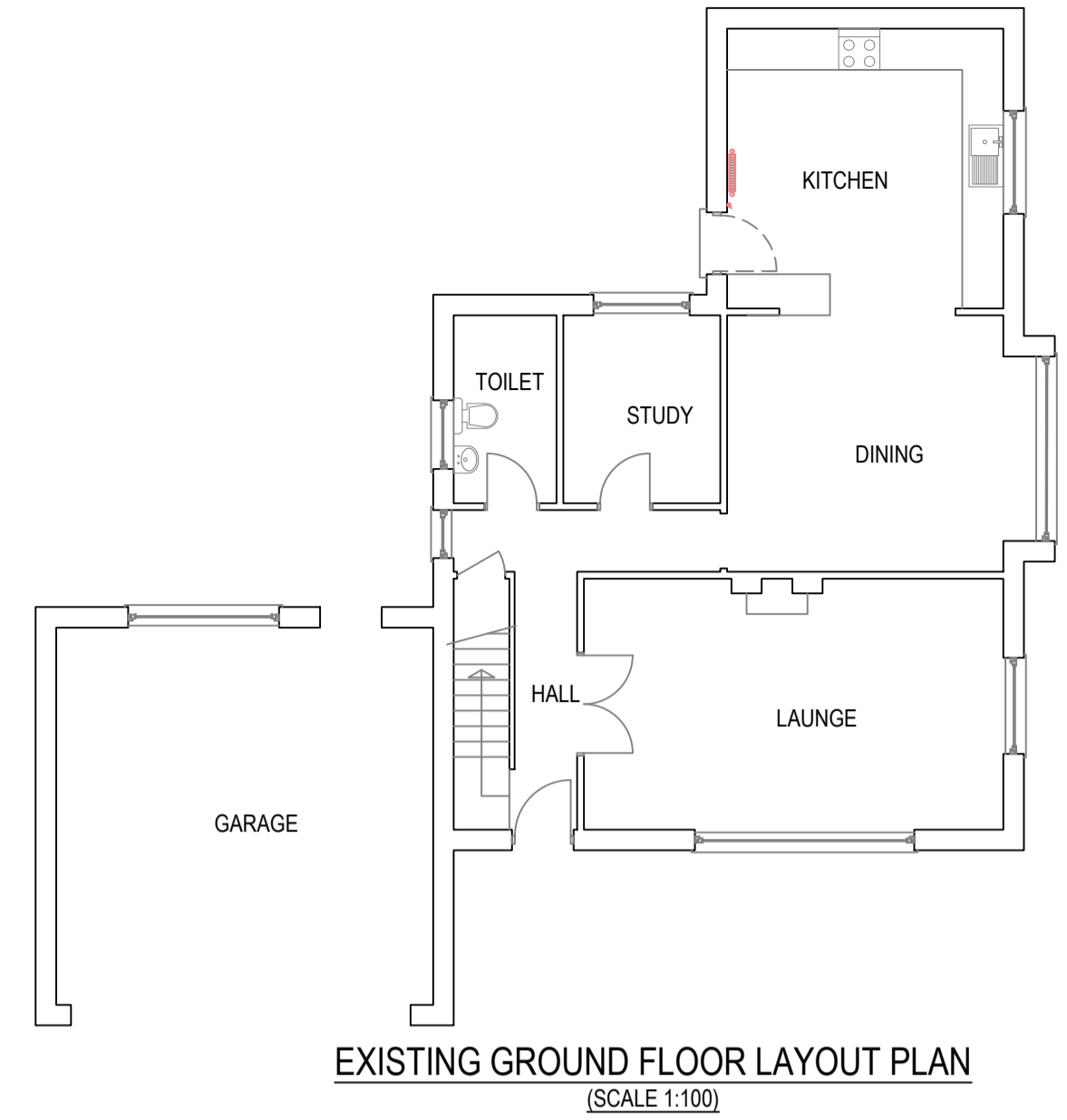


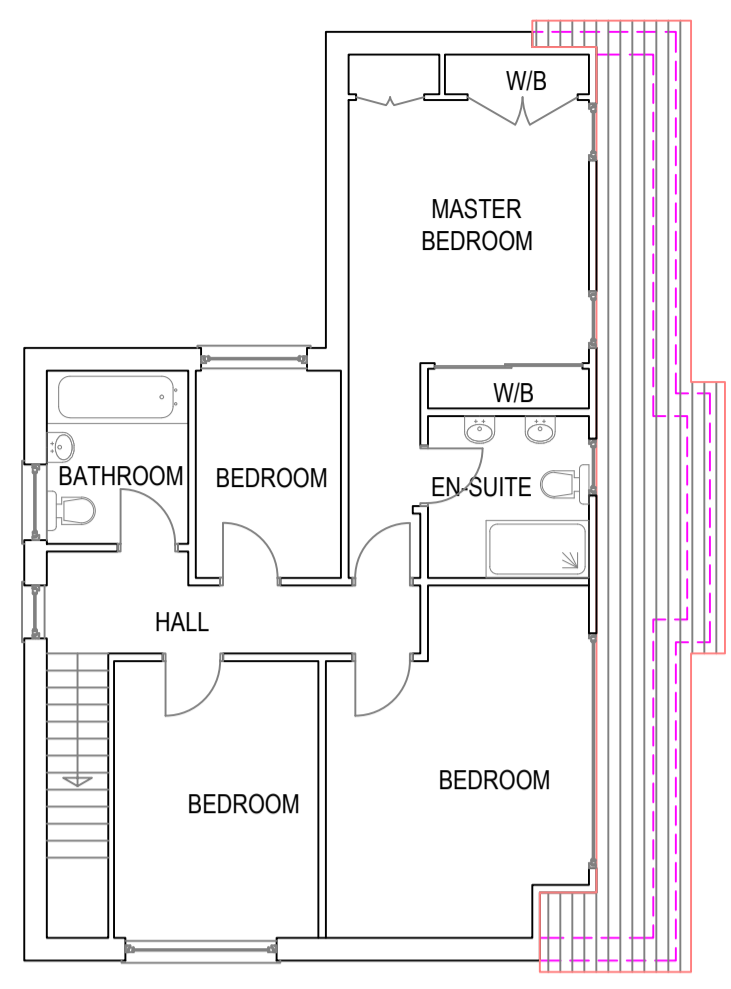
DO NOT SCALE



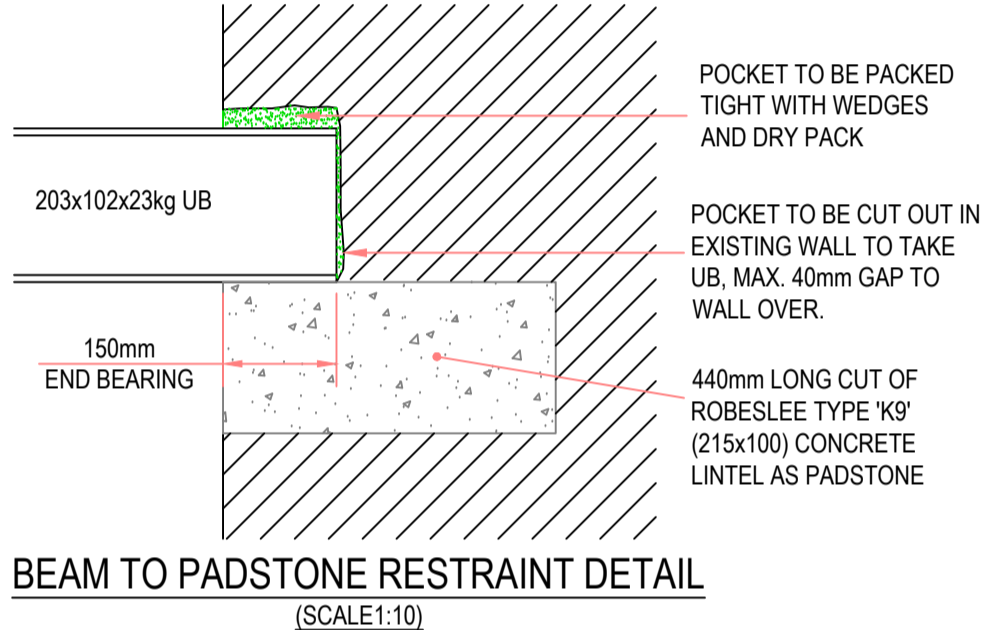
PROPOSED GROUND FLOOR LAYOUT PLAN (SCALE 1:50)



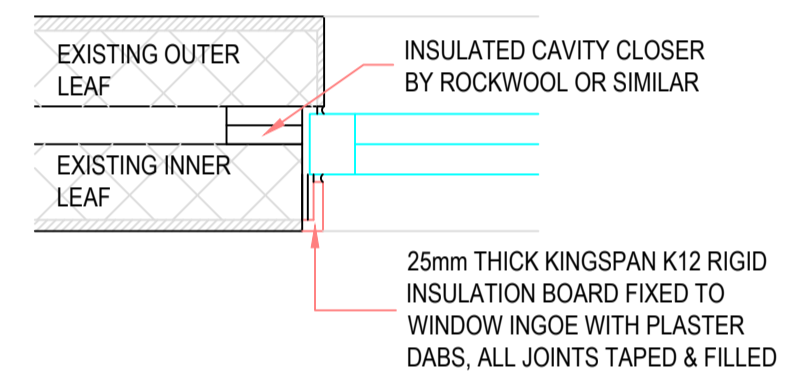
EXISTING GROUND FLOOR LAYOUT PLAN (SCALE 1:100)



EXISTING FIRST FLOOR LAYOUT PLAN (SCALE 1:100)



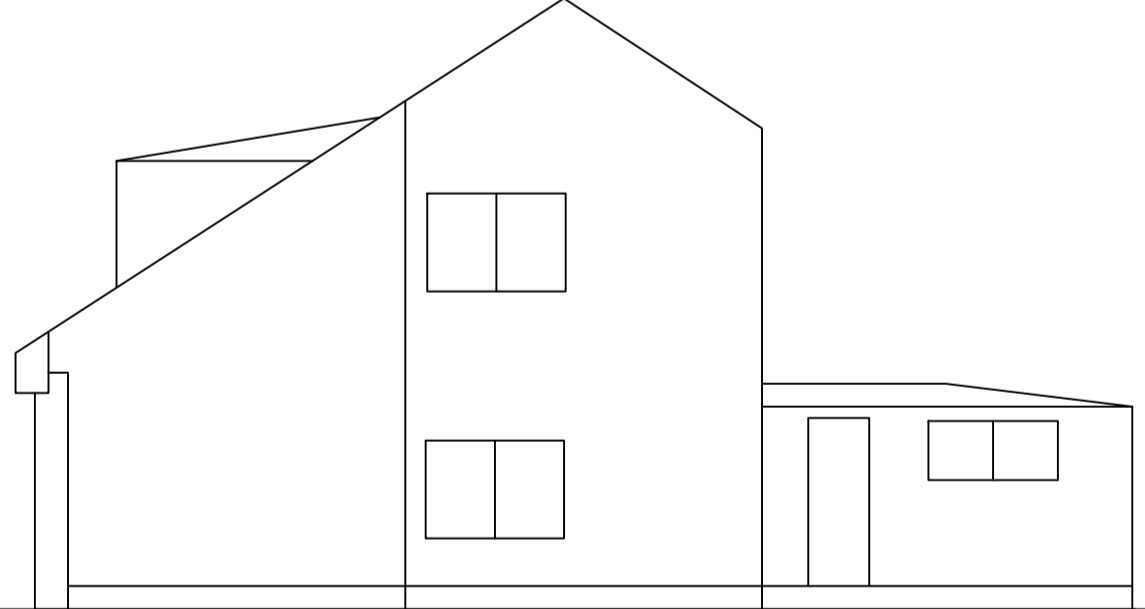
BEAM TO PADSTONE RESTRAINT DETAIL (SCALE 1:10)



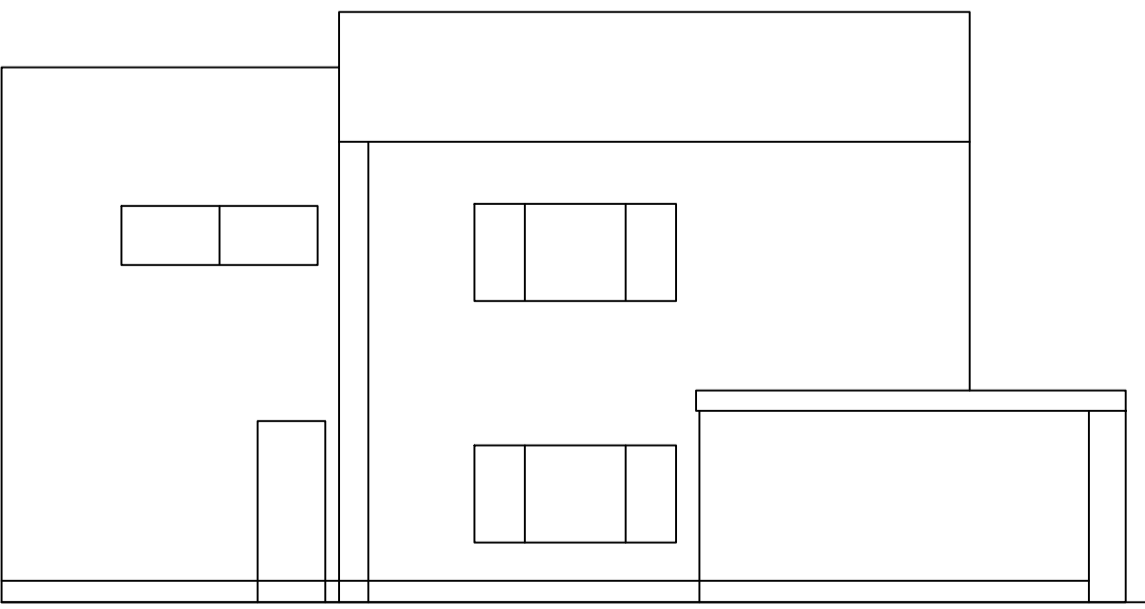
TYPICAL CAVITY CLOSURE DETAIL (SCALE 1:10)



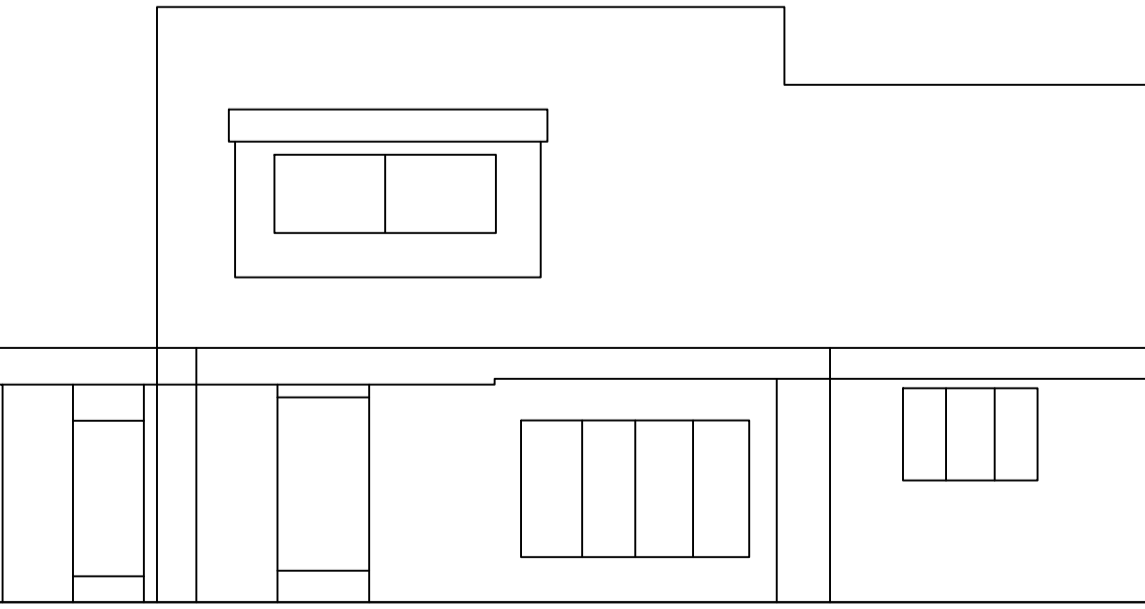
EXISTING SOUTH ELEVATION (SCALE 1:100)



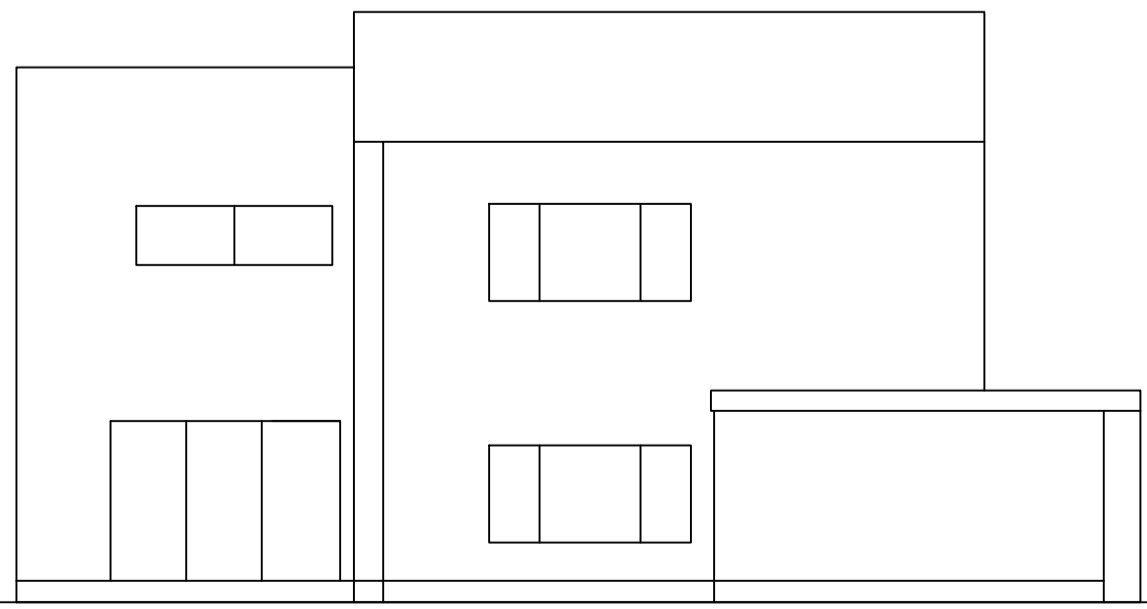
EXISTING NORTH ELEVATION (SCALE 1:100)



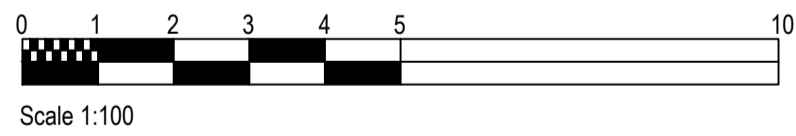
EXISTING WEST ELEVATION (SCALE 1:100)



EXISTING EAST ELEVATION (SCALE 1:100)



PROPOSED WEST ELEVATION (SCALE 1:100)



GENERAL NOTES

EXISTING BUILDING CLASSIFICATION: DOMESTIC DWELLING
PROPOSED BUILDING CLASSIFICATION: DOMESTIC DWELLING

GENERAL

ALL WORKS TO COMPLY WITH THE BUILDING STANDARDS (SCOTLAND) REGULATIONS 2019. 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. NO NEW WORKS ARE TO IMPAIR THE FIRE RESISTANCE OF AN EXISTING FIRE RESISTANT ELEMENT.

STRUCTURES

ALL DOWNTAKINGS INDICATED WITH A BROKEN LINE. ALL STRUCTURAL WORKS TO BE AS PER STRUCTURAL ENGINEERS DETAILS/SPECIFICATION. NEW OPENINGS TO BE FULLY PROPPED AND NEEDED PRIOR TO DOWNTAKINGS. PROPPING TO BE LEFT IN PLACE UNTIL BEDDING MORTAR HAS FULLY CURED. LINTELS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND HAVE A MINIMUM 200mm SEATING TO BOTH ENDS. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATION. ALL TEMPORARY SUPPORT PROPPING IS TO BE CONTRACTOR DESIGNED, FULLY LACED AND BRACED WITH PROPPING TAKEN OFF SOUND BEARINGS.

ELECTRICAL

ALL ELECTRICAL WORK TO COMPLY WITH SECTION 4: SAFETY AND THE LATEST EDITION OF THE I.E.E. REGULATIONS AND ALL CURRENT AMENDMENTS AND WITH BS 7671:2008.

WATER AND HEATING SERVICES

ALL NEW CONNECTIONS IN COPPER PIPING TO BE FORMED IN LEAD FREE SOLDER. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC VALVES CONTROLLING INDIVIDUAL ROOM TEMPERATURES. ALL HOT WATER PIPES TO BE FULLY INSULATED IN ACCORDANCE WITH BS 5422:2000.

HEALTH AND SAFETY:

ANY ACTION WHATSOEVER CAUSED USING INFORMATION FROM THIS DRAWING MUST COMPLY WITH THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 1994 AND ALL RELEVANT HEALTH AND SAFETY REGULATIONS.

ELECTRICAL LEGEND

- ⬇ LIGHT SWITCH
- ⬇ DOUBLE SOCKET
- ⬇ COOKER SWITCH
- ⊗ LIGHT POINT
- ⬆ RADIATOR

STEELWORK NOTES:

1. ALL STEELWORK TO BE GRADE S275. STEELWORK TO BE FABRICATED TO AN EXECUTION CLASS OF MINIMUM EXC2 IN ACCORDANCE WITH BS EN 1090-2
2. ALL STEELWORK TO BE SHOT BLASTED TO GRADE SA2½; BS EN ISO 8501-1 AND TO RECEIVE TWO PACK ZINC RICH PRIMER MIN DFT 75 MICRONS.
3. FIRE PROTECTION TO STEELWORK TO ACHIEVE 30MINUTES DURATION. PROVIDE 1No LAYERS 15mm FIRELINE BOARD BY GYPROC OR EQUAL APPROVED. ALL JOINTS TAPED AND FILLED.

DRY PACK/SLATE PACK SPECIFICATION

NEW LINTELS TO BE PINNED UP TO UNDERSIDE STONEMASONRY BY USE OF SLATE PACKS AND DRY PACK MORTAR AS SPECIFIED:

MIX

THE MIX SHALL BE TWO PARTS PORTLAND CEMENT, TWO PARTS CLEAN WASHED SAND AND ONE PART FINE AGGREGATE (5MM TO 10mm).

WATER

THE MINIMUM AMOUNT OF WATER SHALL BE ADDED TO ACHIEVE A MIX WHICH ADHERES TOGETHER BUT IS NOT IN ANY WAY PLASTIC.

JOINTS

THE JOINT SHALL IN NO CASE BE LESS THAN 25mm WIDE. THE AVERAGE THICKNESS BEING 40mm.

PLACING

THE MORTAR SHALL BE PLACED IN SUCH A WAY AS TO FILL THE REAR OF THE JOINT FIRST, BEING PROGRESSIVELY TAMPED OUTWARDS UNTIL A COMPLETELY FILLED JOINT IS OBTAINED TO THE FRONT FACE, BEING FREE FROM VOIDS.

WORKMANSHIP

THE WORKMANSHIP SHALL AT ALL TIMES BE OF A HIGH STANDARD. GREAT CARE BEING TAKEN TO ENSURE THAT THE JOINT IS COMPLETELY FILLED WITHOUT VOIDS AND WITH A MORTAR WHICH WILL ACHIEVE HIGH STRENGTH AT AN EARLY AGE. THIS WILL PERMIT THE TRANSFERENCE OF LOAD THROUGH THE JOINT WITHOUT SIGNIFICANT DEFLECTION.

GENERAL GLAZING PERFORMANCE SPECIFICATION INCLUDING ROOF WINDOW AND LANTERN:

GLAZING TO BE MANUFACTURED AND DESIGNED IN ACCORDANCE WITH THE FOLLOWING:
BS5516 - PATENT GLAZING AND SLOPING GLAZING FOR BUILDINGS
BS6208 - IMPACT PERFORMANCE FOR FLAT SAFETY GLASS.
BS6262 - GLAZING FOR BUILDINGS
BS7412 - SPECIFICATION FOR PLASTIC WINDOWS PVC-U
GLAZING TO BE INSTALLED BY A FENSA OR CERTASS APPROVED CONTRACTOR
DEAD LOAD = SELF WEIGHT
IMPOSED WALL WIND LOAD = -1.2kN/m²(Suction) +0.8kN/m²(Pressure)

GLAZING FIXING SPECIFICATION

1. BIFOLD FRAMES TO BE FIXED TO STEELWORK USING EJOT SELF-DRILLING JT3-18 RANGE SCREWS AT 600MM CRS TO BOTTOM FLANGE OF BEAM
2. BIFOLD FRAMES FIXED TO MASONRY WALLS USING 4.8MM TAPCON ANCHOR SCREWS AT 400MM MAX CRS TO EACH SIDE OF PANEL
3. BIFOLD FRAMES FIXED TO CONCRETE FLOOR USING 4.8MM TAPCON ANCHOR SCREWS AT 600MM MAX CRS.

S.E.R Ltd.
STRUCTURAL ENGINEERS REGISTRATION Ltd.

- DESIGN CERTIFICATE No. :
- CERTIFIER REGISTRATION No. : SER1-D-00508
- APPROVED BODY REGISTRATION No. : SER1-DB-0279

FORM Q "FINALISATION OF STRUCTURAL DETAILS" The following items, while forming part of the structural design covered by this certificate, are subject to detailed design by a specialist contractor which has yet to be completed. A performance specification covering the design of these items has been submitted with the information accompanying the building warrant application.

It is the contractors responsibility to provide CRA (Alloa) Ltd. with the required calculations & drawings to facilitate the issue of the Form Q "Finalisation of Structural Details". Specialist contractors individual design certificates cannot be accepted & we would advise that the required design information be submitted to CRA (Alloa) Ltd. for checking two week prior to the items erection/order.

Risk Group RGI-A		
Item Ref	Item Description	Design Required
1	Piling	No
2	Vibro Stone or Concrete Columns	No
3	Precast Foundation Systems	No
4	Precast concrete floor units	No
5	Precast concrete stairs	No
6	Timber roof trusses	No
7	Steelwork connections	No
8	Protective Barriers	No
9	Glazing	No

'C'- AB- 14/06/21- Drawing updated to answer queries from Planning.
'B'- AB- 25/05/21- Drawing Updated to Planning Permission
'A'- AB- 19/05/21- Updated to door arrangement.

REVISIONS	PLANNING PERMISSION
STATUS	

CLIENT
Mrs June McCann

PROJECT
Internal Alterations at
12 Alexandria Drive, Bridge of Allan

DRAWING TITLE
Existing Ground, First Floor and Proposed
Ground Floor Layout Plans, Notes and Details

DRAWN BY: AP DATE: 11.05.2021
CHECKED BY: AB DATE: 11.05.2021
SER CERTIFICATION CHECK BY: JB DATE:
SCALES: as shown @ A1

DWG. No. CA8608-ENG 100'C'