

**Notes**

All electrical work to comply with BS 7671: 2018 18th EDITION IEE REGS

All Glazing below 800mm cill height to be safety glass to BS6262:2005 PART 4

Downtakings to comply with BS6187:2000

Roof truss design certificate to be provided before work commences on site.

G Johnston PLans & Building Design Ltd to be advised 7 days before work starts on site

These plans are for local authority submission only.

All works to be in accordance with the Building (Scotland) Regulations 2003 and amendments inclusive of all EEC directives and all local authority byelaws. Public footpath works to comply with operations (Scotland) regulations

Contractor to check all site dimensions prior to commencement of works and ensure accuracy and competent standard of all finished workmanship.

Contractors are to take reasonable care to ensure that their employees and sub-contractors are aware of their own and the contractors obligations under the health and safety at work act and all other associated statutory requirements relevant to the site.

Contractors are responsible for the correct interpretation of BSSR and COP etc and local authority requirements on site and to inform relevant local authority departments of progress on site as required.

Client to obtain all necessary legal requirements prior to works commencing.

All items deemed to have been taken for by the contractor. All contingencies to be allowed for by the contractor.

All authority regulations and methods to comply.

This office's responsibility limited to achievements of the Local Authority permissions.

This office is not responsible for the condition of existing works.

This office's liabilities limited to these plans.

This is a true copy of the plans lodged with my application

DATE: 12-4-21

SIGNED: [Signature]

Rev	Date	Checked
Client Mr. M. HANIF,		
Address 1 ROY DRIVE, MURLESTON, LIVINGSTON EH54 9HY		
Dwg No. 002/3		
Scale 1:50, 1:10		
Date 12-4-21		
Drawn by G. A. JOHNSTON.		
<small>Use figured dimensions only. Contractor to check all sizes on site. Do not scale from drawing. Copyright of design and drawing reserved.</small>		

**G JOHNSTON**  
PLANS AND BUILDING DESIGN

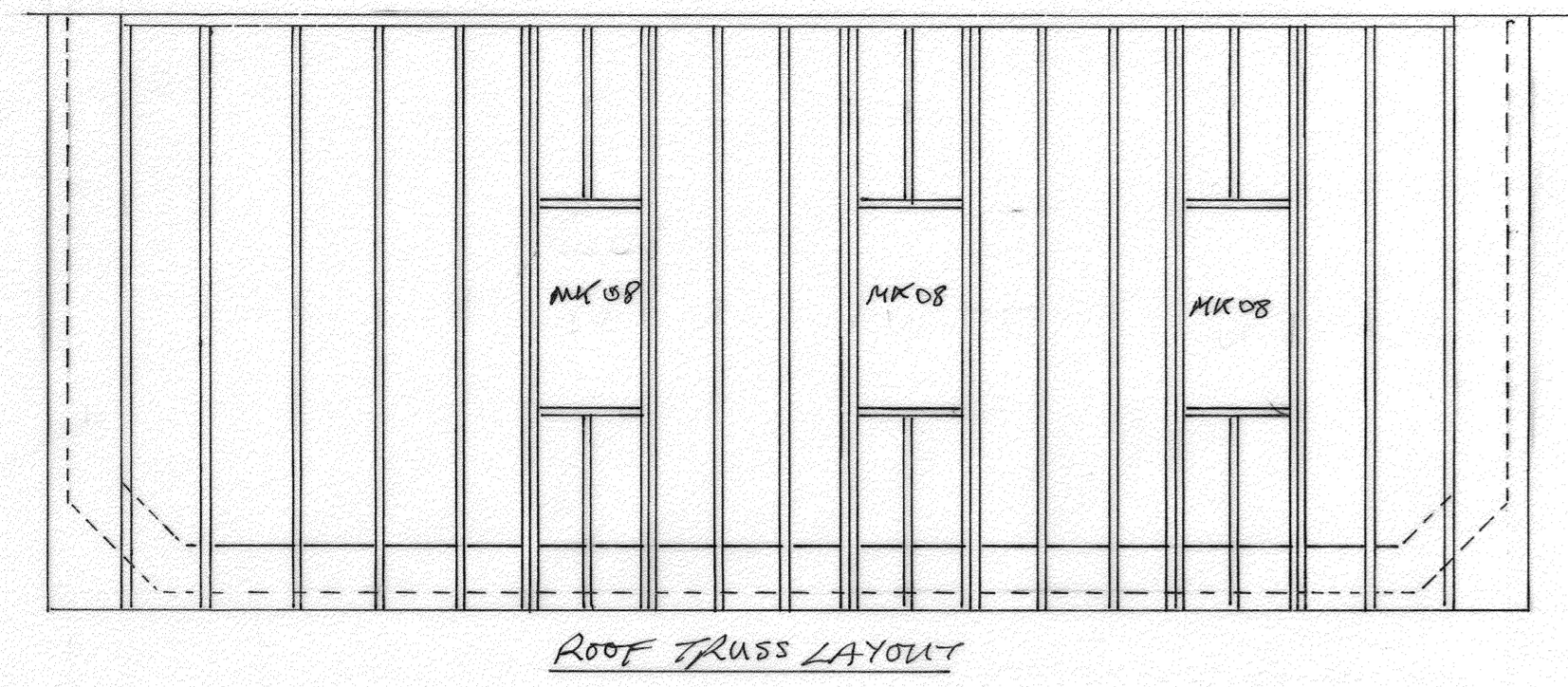
4 Priors Grange  
Torphichen EH48 4QN

T: 01506 652288

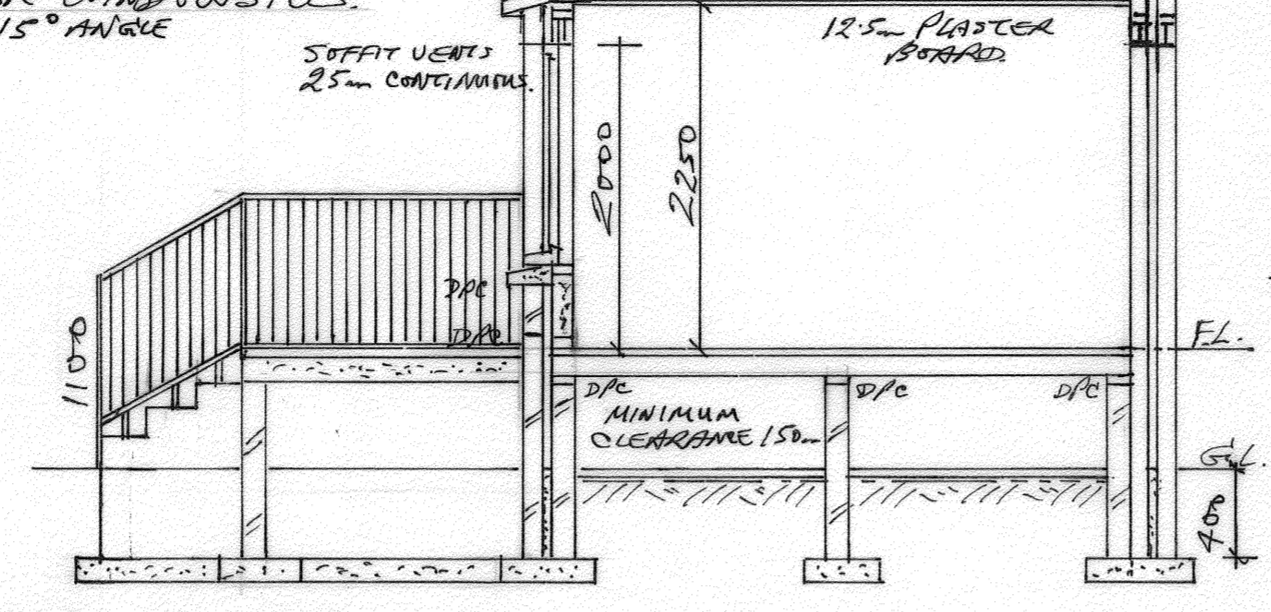
email: georgejohnston@talktalk.net

ARCHITECTURAL DESIGN

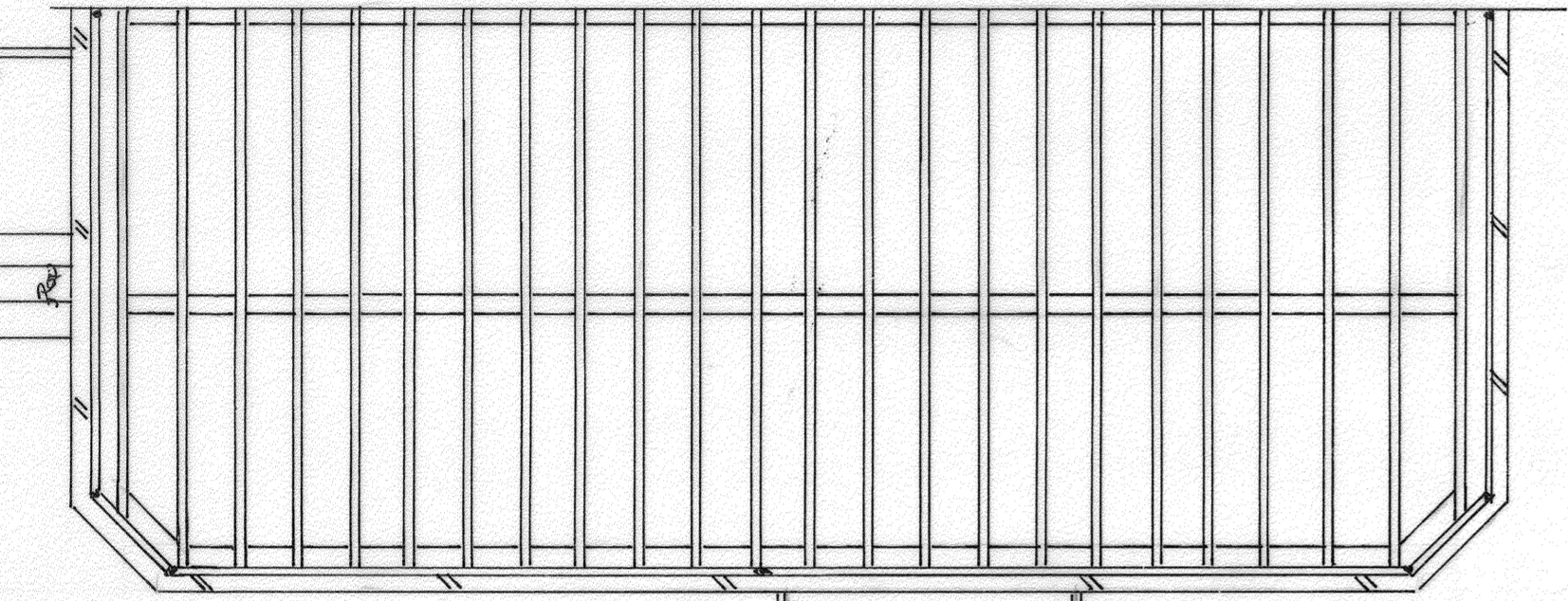
3x10 VELUX MK08 ROOF LIGHTS 780x1398mm PLACED HALF WAY UP ROOF AND IN LINE WITH CENTRE LINE OF DOORS & WINDOWS. MANUFACTURERS ROOF TRUSSES AT MAX 600mm C/S. FIXED TO 45x95 WALL CARRIERS TO WALL HEADS.



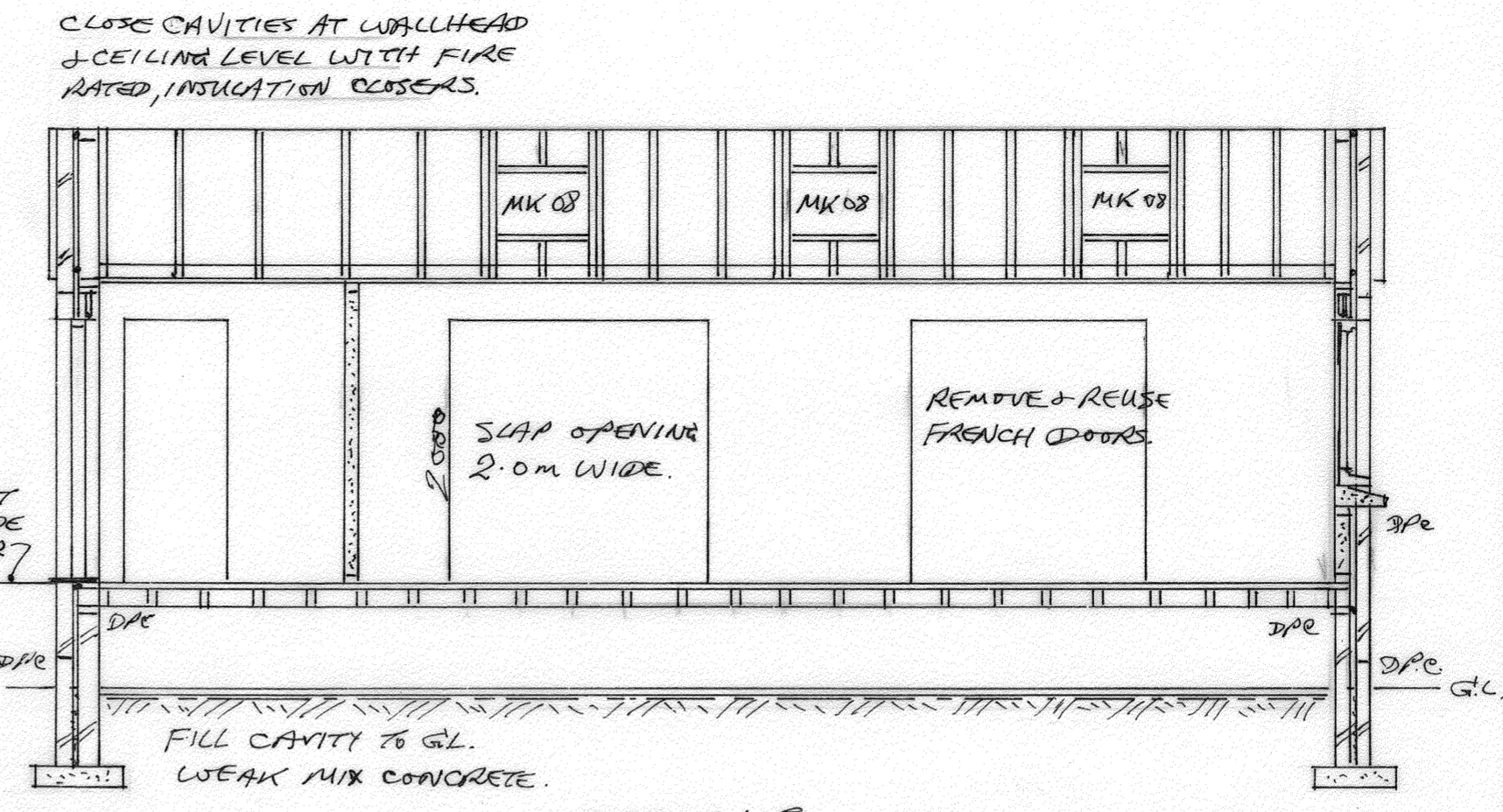
CONTRACTOR TO CHECK SITE SIZES BEFORE STAGING TRUSSES TO ENSURE TOP FLASHING FITS UNDER FIRST FLOOR WINDOWSILLS. MIN. 15° ANGLE



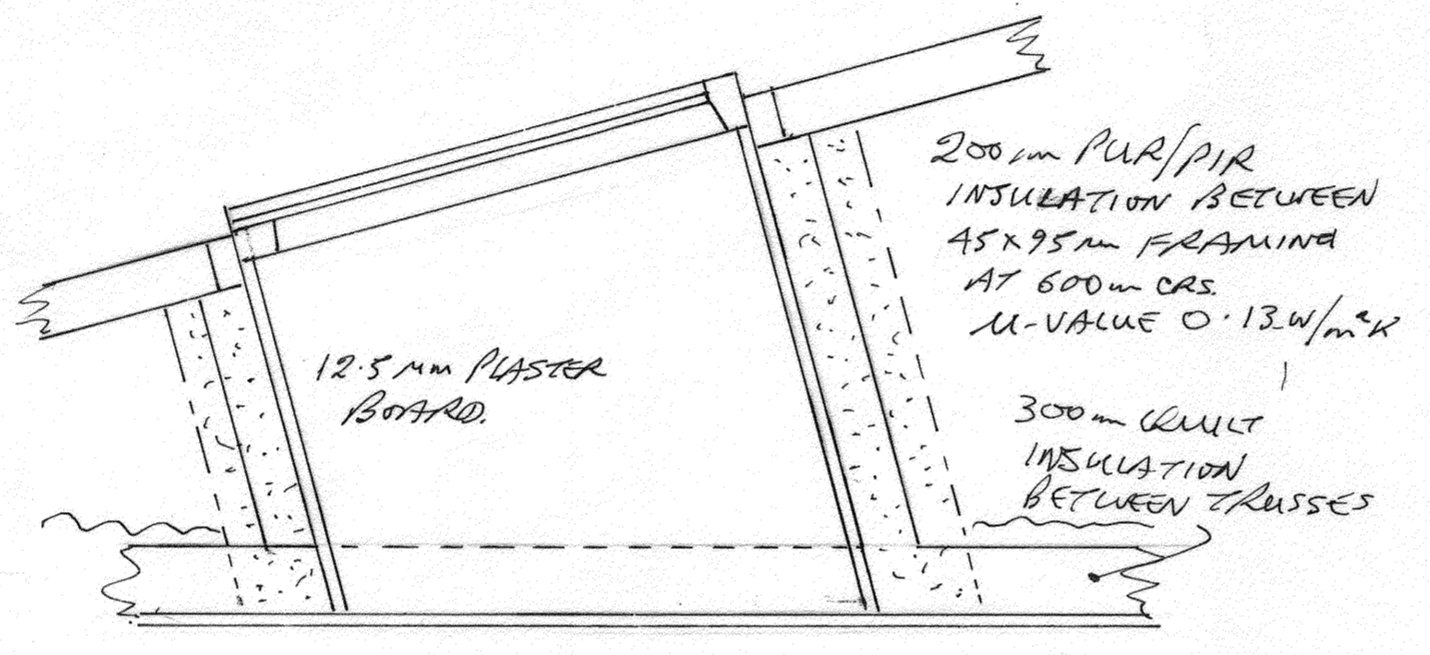
HANDRAIL TO STEPS & PLATT 1100mm ABOVE FLOOR LINE WITH BALUSTRADES - NO SPARE TO EXCEED 100mm. STEPS - MAX. RISE 170mm GROUND TO GROUND.



TIMBER FRAME - CLOSE CAVITIES FULL HEIGHT AT ALL OPENINGS, AT CORNERS & ALONG LENGTH & EXTENSION WITH FIRE RATED, INSULATING CAVITY CLOSERS.



STOUM - 50mm SITE CONCRETE ON 1200mm POLYTHENE DAM ON SAND BINDER W/FL 200mm HAARDORE. LINK DAM TO D.P.R. D.P.R. IN WALLS TO BE MINIMUM 150mm ABOVE GROUND LEVEL.



**CONSTRUCTION:** - ALL WORK TO ENGINEER'S SPECIFICATION

**FOUNDATIONS** - 600x200mm CONCRETE WITH ONE LAYER REINFORCING AT MINIMUM 400mm BELOW GROUND LEVEL.

**UNDER BUILDING** - 110mm BRICK OUTER LEAF - TIED AT 600mm C/S. HORIZONTALLY & 400mm C/S VERTICALLY OVER 50mm CAVITY TO INTERNAL LEAF OF 200mm x 7.3N BLOCKWORK. FILL CAVITY TO G.L. WITH WEAK MIX CONCRETE. D.P.R. IN WALLS 150mm ABOVE G.L.

**WALLS** - 110mm FACING BRICK OUTER LEAF TIED AS ABOVE TO TIMBER FRAME INNER LEAF 45x97x C16 STUDS AT 600mm C/S NAILED 2nd 100x6 STEEL NAILS IN ALL JOINTS, 12m C/S. BOARDS NAILED 65x3.75 STEEL NAILS AT 200mm C/S TO ALL FRAMING. ONE LAYER REFLECTATHERM ON CAVITY FACE, 145mm PUR/PIR INSULATION BETWEEN STUDS, REFLECTASHIELD T.F. VAPOUR CHECK 20mm SERVICE DUCT & 12.5mm PLASTER BOARD SEALED ALL ROUND. DO NOT PUNCTURE VAPOUR CHECK WITH SERVICES. U-VALUE 0.17W/m<sup>2</sup>K

**FLOOR:** - SUSPENDED TIMBER FLOOR - 45x197x C16 JOISTS @ 400mm C/S WITH 22mm T.G. WOODCHIP FLOORING GLED IN JOINTS & SCREWED DOWN AT 200mm C/S. ALONG JOISTS. 200mm PUR/PIR INSULATION BETWEEN JOISTS TO GIVE U-VALUE 0.13W/m<sup>2</sup>K.

**ROOF:** - MANUFACTURERS TRUSSES AT MAXIMUM 600mm C/S. FIXED TO 45x97mm WALL CARRIER JOISTS ON HOUSE WALL FIXED WITH M10 EXPANDING ANCHORS @ 600mm C/S. TRUSSES FIXED TO WALLHEADS WITH TRUSS CLIPS. 12m C/S BARKING, ONE LAYER PERMEABLE MEMBRANE, 20x40 COUNTER BATTEN, 45x25 TREATED TIE BATTENS, CONCRETE TILES FIXED TO MFRS. SPEC. FOR LOW ANGLE ROOF - 15°. 12.5 PLASTER BOARD TO CEILING WITH 300mm GUILT INSULATION BETWEEN & OVER TRUSSES FOR U-VALUE 0.13W/m<sup>2</sup>K

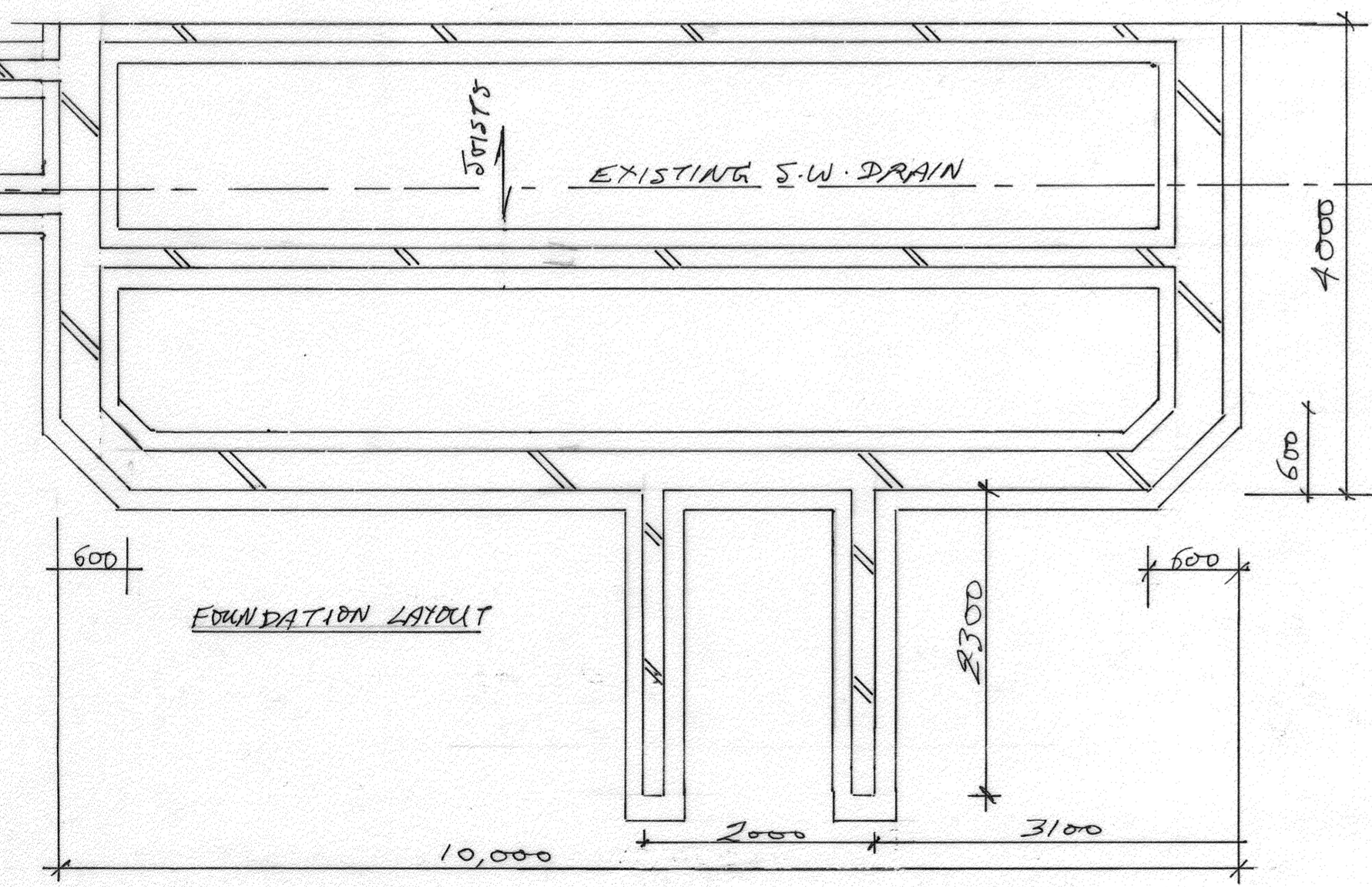
Location of manual controls:- controls of outlets and switches for electrics should be at least 350mm from internal corners, projecting walls or similar obstructions and maximum 1.2m above floor level for full accessibility. Light switches should be between 900mm and 1.1m above floor level. Sockets to be minimum 400mm above floor level and 150mm above worktops. Concealed sockets to be switched from an accessible location.

Fire detection:- fit a heat alarm in the kitchen hard wired 240v with battery backup to BS5446 part 2: 2003 and BS5839 for fire alarm detection. The alarm should be located on the ceiling or maximum 150mm below the ceiling.

Smoke detectors:- these should be fitted in all rooms and circulation spaces of new builds. These can be multi-sensor alarms, optical type hard wired 240v with battery backup to BSEN 14604:2005. All alarms to be interlinked and located a minimum of 300mm from walls, projections and light fittings and on ceilings or maximum 600mm below ceiling level.

All electrical work to be installed and tested to BS 7671:2018 and revisions by a person or company having membership of S.E.L.E.C.T. or N.I.C.E.I.C. registration. All lighting should be LED bulbs and fittings to ensure low energy consumption.

A carbon monoxide alarm should be located in the same room as the gas fired boiler, minimum 1.0m and maximum 3.0m from the boiler.



TIMBER FRAME CONSTRUCTION - 45x95x C16 STUDS AT 600mm C/S WITH 45x95mm TOP & BOTTOM RAILS ALL NAILED 2-100x6 STEEL NAILS IN ALL JOINTS. LINTELS TO ENGINEER'S SPECIFICATION ON CRIPPLE STUDS - SINGLE STUDS FOR OPENINGS UP TO 1200mm WIDE DOUBLE CRIPPLE STUDS ON WIDER OPENINGS PLUS FULL HEIGHT STUD AT EACH END OF OPENINGS. 12m C/S SHEATHING NAILED 65x3.75 NAILS AT 200mm C/S ON ALL STURDING & CRIPPLE RAILS.

