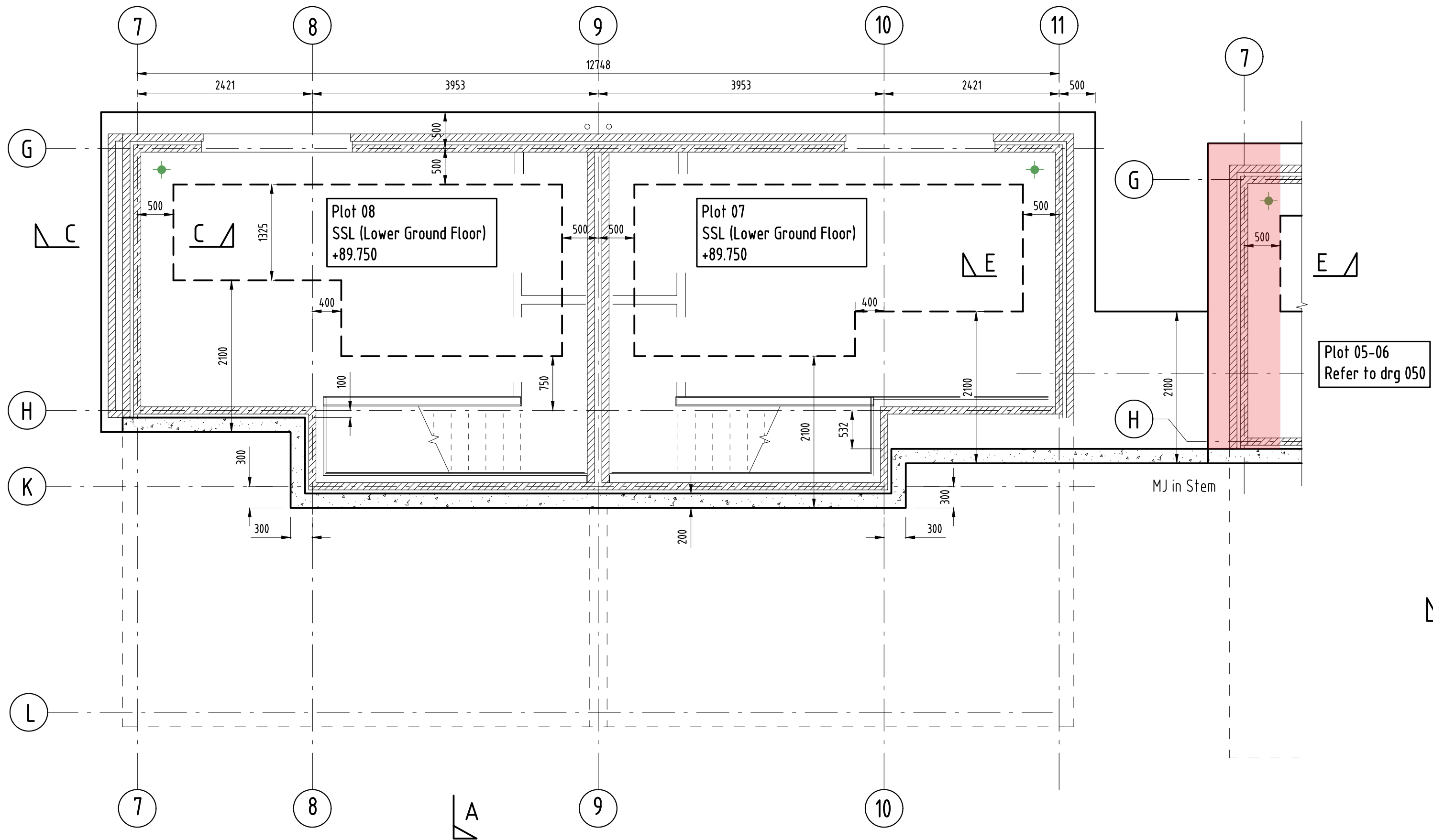
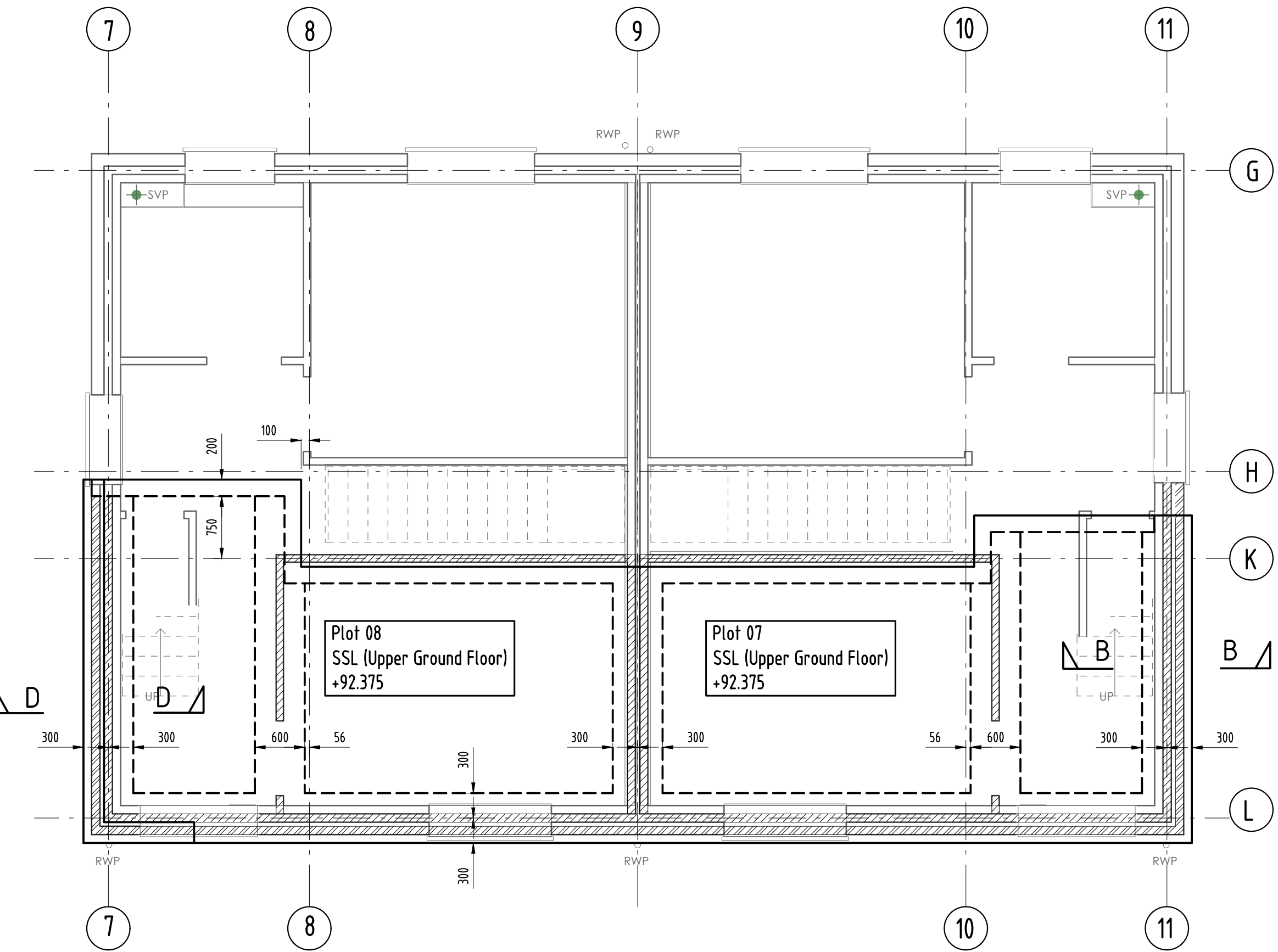
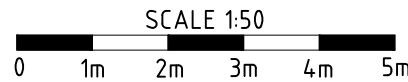
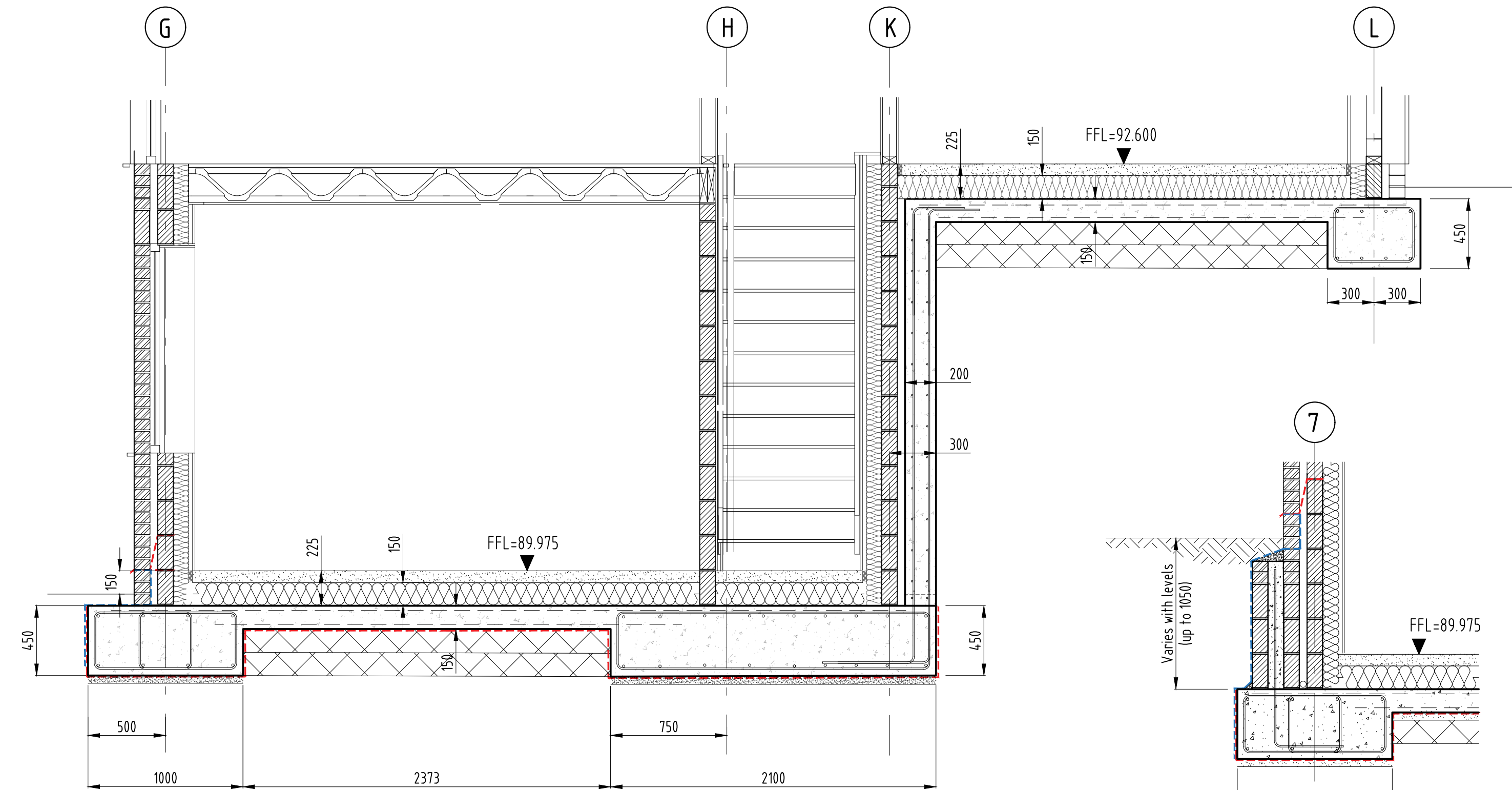
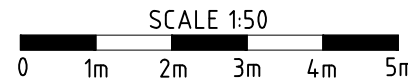




Plot 7-8 - Lower Ground Floor Raft GA

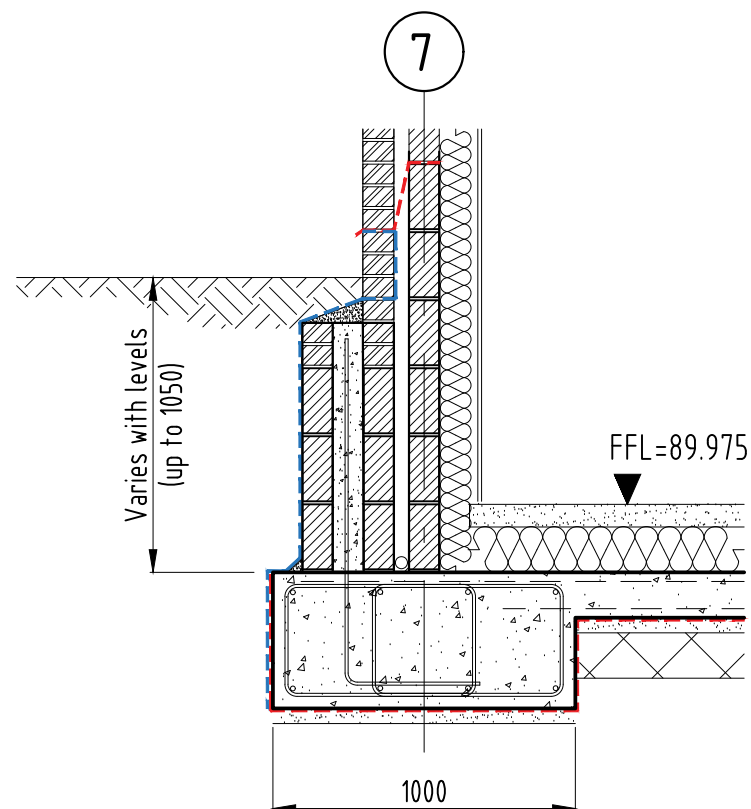


Plot 7-8 - Upper Ground Floor Raft GA



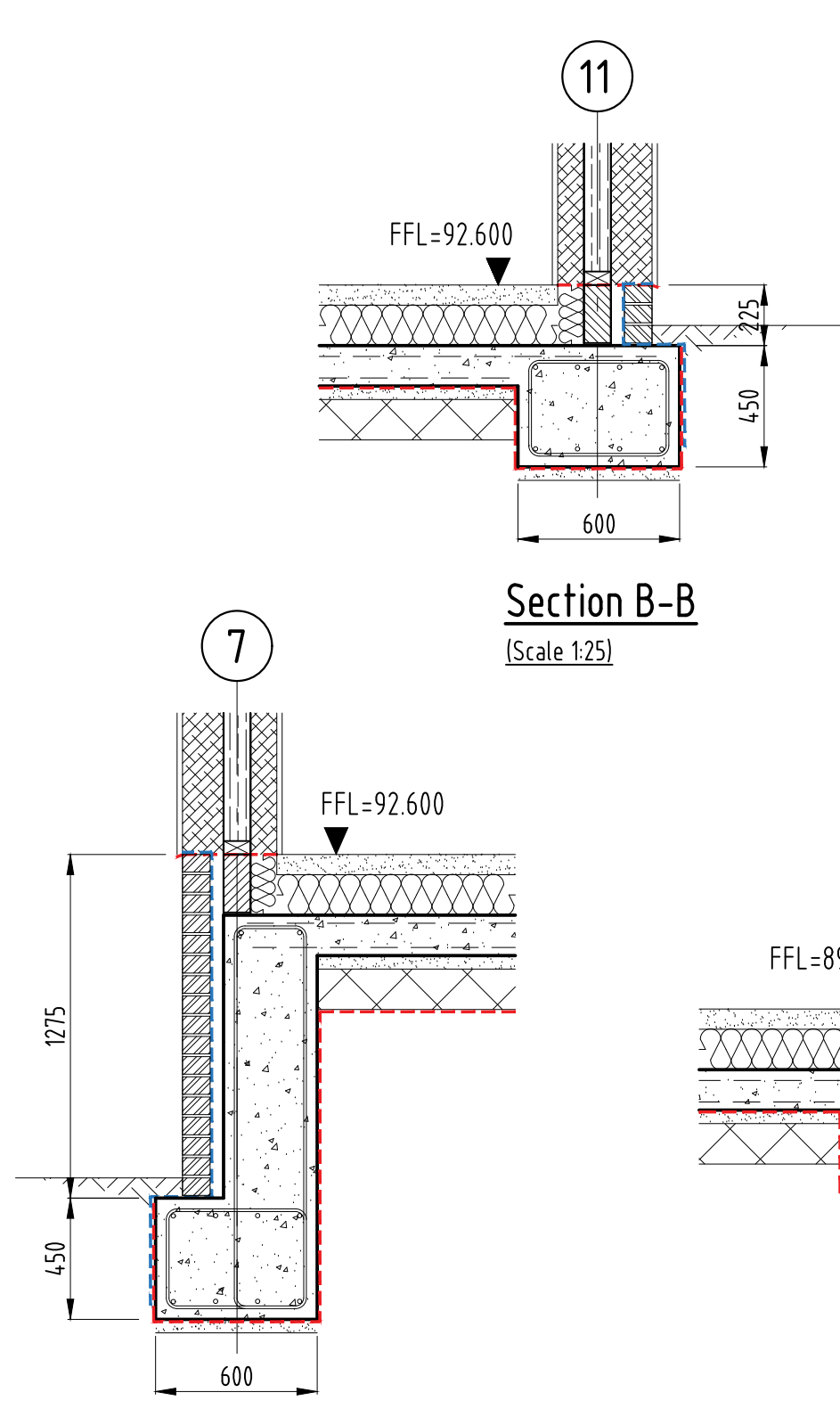
Section A-A

(Scale 1:25)



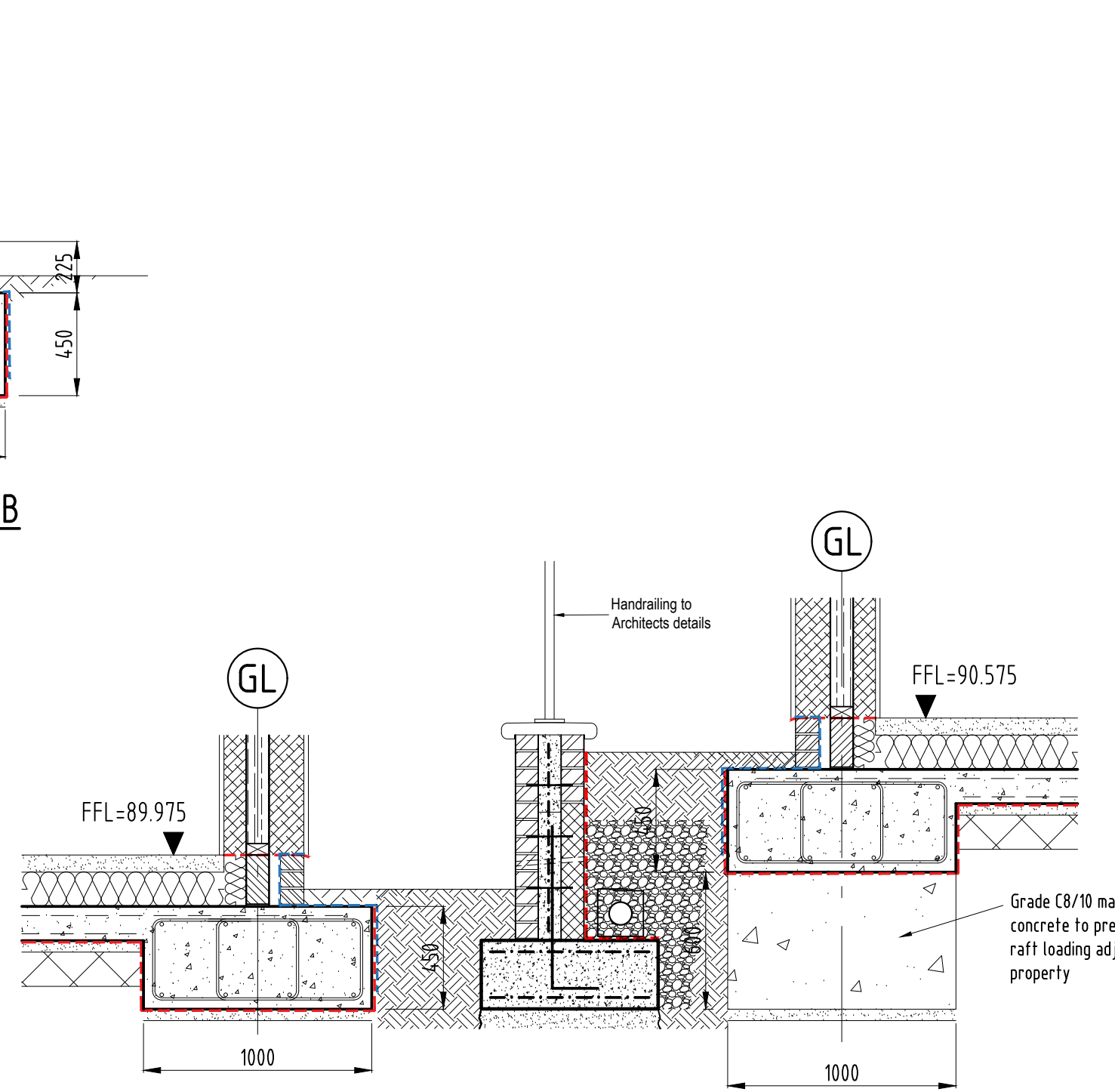
Section C-C

(Scale 1:25)



Section D-D

(Scale 1:25)



Section E-E

(Scale 1:25)

Notes :-

General:

- Do not scale from this drawing, use figured dimensions only.
- All dimensions are in millimetres. All levels are in metres.
- This drawing is to be read in conjunction with the latest Architects, Engineers & Specialists drawings & specifications.
- For all Civil Engineering drainage & infrastructure refer to PHG Civil Engineering drawings.
- Any soft spots to be removed & replaced with lean mix concrete as directed by the engineer.
- All compaction to be carried out in accordance with the D.O.T specification.

Foundations:

- Foundations have been designed to accommodate 2/3 storey dwellings consisting of Raft foundations, timber joist first floors and timber trussed roof with tiled finish. Blockwork inner leaf with brickwork outer leaf has been allowed for.
- Prior to excavation care must be taken to locate & clearly mark all existing services.
- Prior to setting out of foundations all proposed setting out to be co-ordinated with Architects drawings & details.
- Where applicable, foundations to be taken down to invert level of existing drainage.
- Formations should never be left unprotected & continuously exposed to rain causing degradation, or left exposed/uncovered overnight, unless permitted by a qualified engineer.
- Construction plant & other vehicular traffic should not be operated on unprotected formations.
- All work to be undertaken & materials supplied in accordance with relevant British standards, codes of practice & building regulations.
- Read this drawing in conjunction with the ground investigation report & the structural specification.
- The raft foundations have been designed to a bearing pressure of 50kN/m². As recommended in the ground investigation report.
- Formation level to be approved by the engineer/building control inspector.
- Services passing through the structure are to be isolated & protected in accordance with the Service Engineer's specification.
- Where necessary, service ductwork & penetrations are to be sealed against water ingress in accordance with the specialist Sub-contractor's requirements.

Masonry:

- Refer to Architects drawings for all masonry wall setting out.
- Below DPC blockwork to be minimum 7N/mm², with type (ii) mortar to BS-5628-Part 1. Above DPC blockwork to be minimum 7N/mm², mortar should revert to type (iii) mortar to BS-5628-Part 1.

Concrete:

- Reinforced concrete foundations to be Grade C28/35 (RC35).
- Blinding/Mass concrete to be Grade C8/10 (GEN II).
- The position of construction joints & pouring sequence to the engineers approval & agreed prior to construction.
- Unless shown otherwise all surfaces to construction joints shall be scabbled back without disturbing coarse aggregate particles.

Gas Protection:

The site requires Gas Level CS2

Note:

All gas membrane details to be designed & approved by specialist.
All DPM/Gas barrier details to be confirmed by Architect/Specialist.

Founding down to bearing strata min of 1m.
Unless agreed otherwise with engineer

REV. DATE DETAILS AMENDMENTS BY CHK.

CLIENT:



PROJECT:
Pearson Way
Neath

DRAWING TITLE:
Raft Foundation GA
Plot 07-08

DRAWN: MAB CHK: PHG STATUS: Construction SCALE: As shown

DATE: Apr 25 JOB NO: 2122 DWG NO: 060 REV: