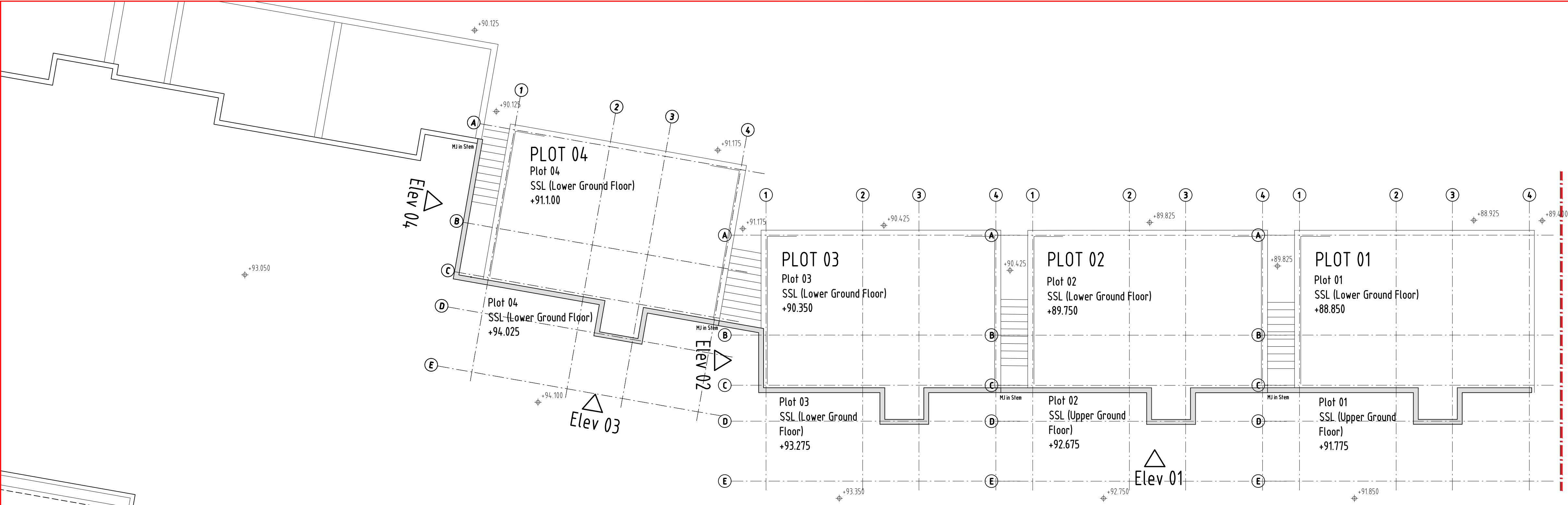
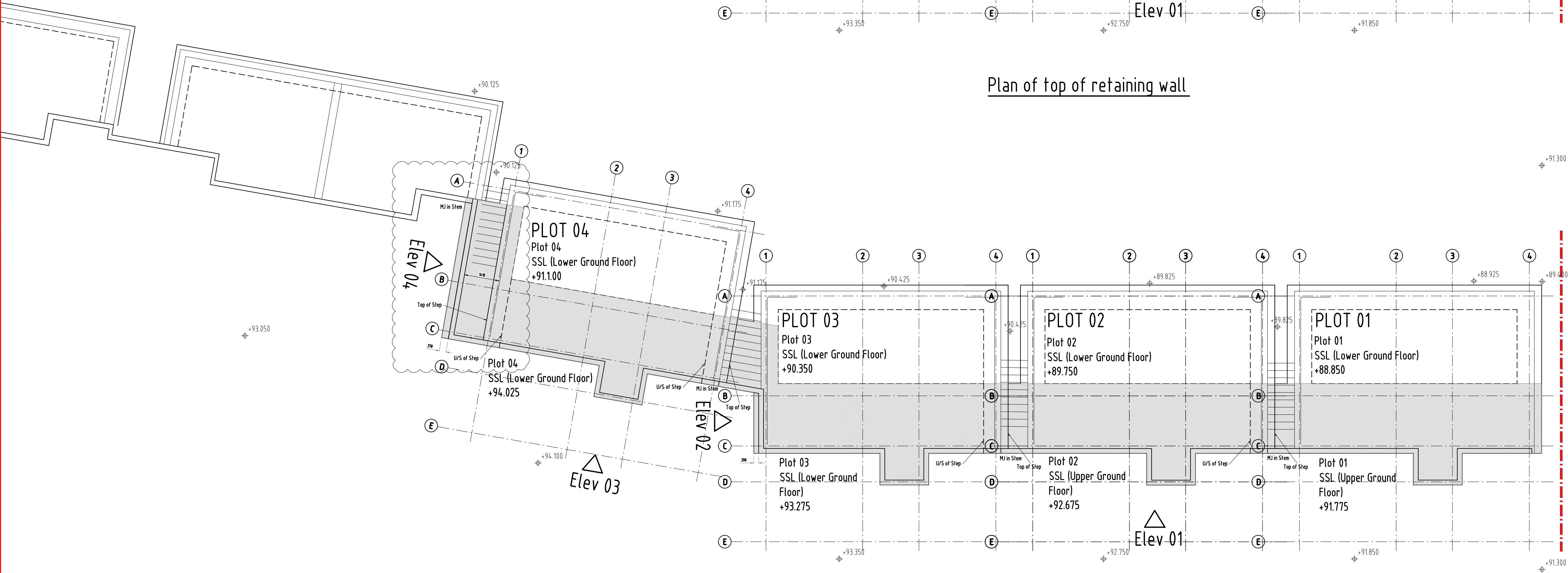
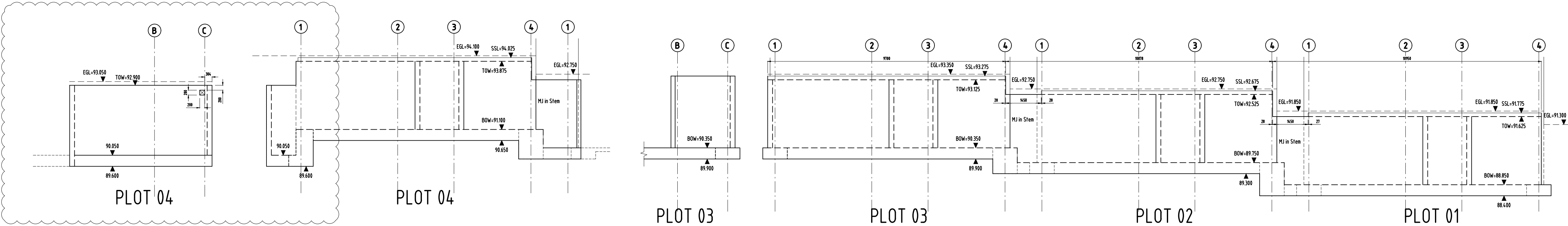




Plan of top of retaining wall



Plan of retaining wall base



Elevation 04

Elevation 03

Elevation 02

Elevation 01

- Notes :-
- General:
- Do not scale from this drawing, use figured dimensions only.
 - All dimensions are in millimetres. All levels are in metres.
 - This drawing 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 (iii) 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 1).
 - 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.

A	16/06/23	Minor amendments as clouded			MAB PHG
REV	DATE	DETAILS	AMENDMENTS		BY: CHK:



PROJECT:
Pearson Way
Neath

DRAWING TITLE:
Retaining Wall GA
and Elevations
Plots 1 to 4

DRAWN:	CHK:	STATUS:	SCALE:
LAD	PG	Construction	1:100
DATE:	JOB NO:	DWG NO:	REV:
06.11.22	2122	090	A