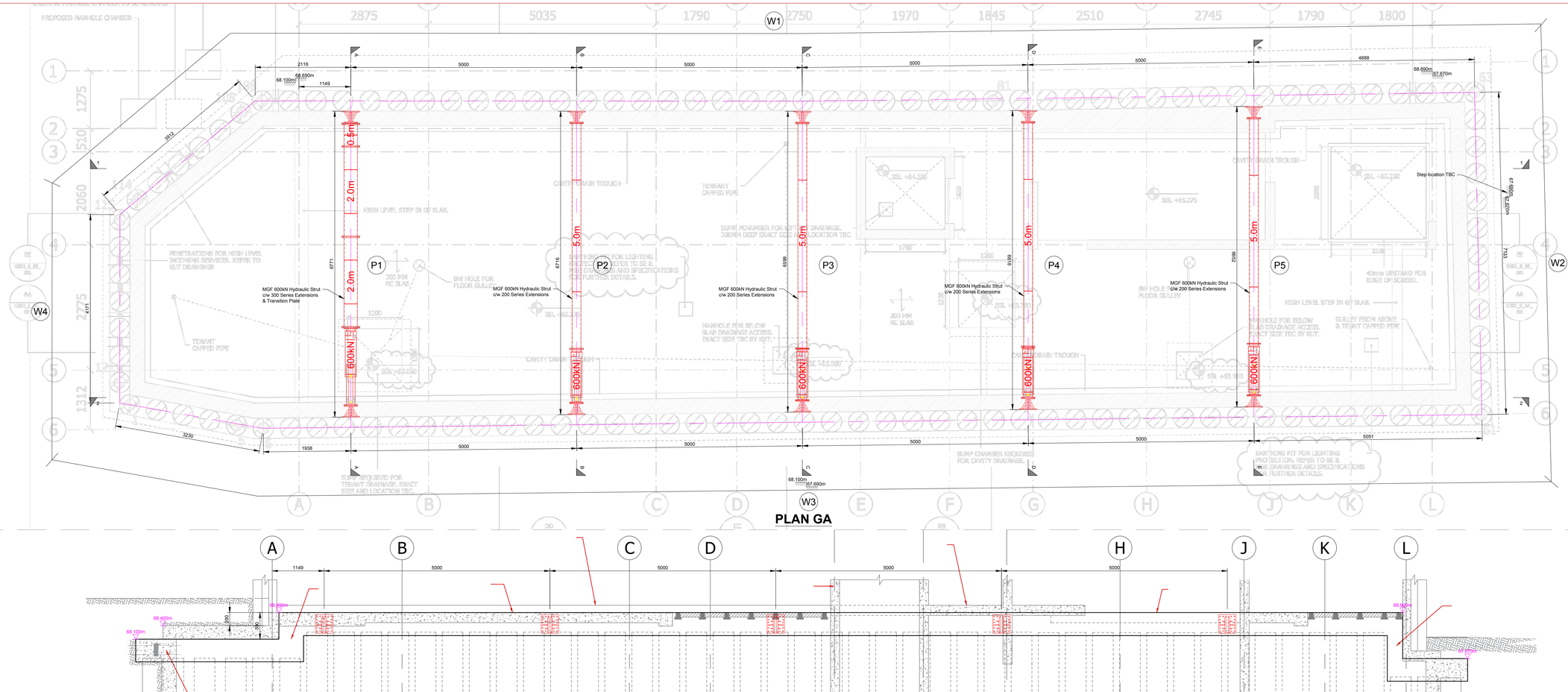
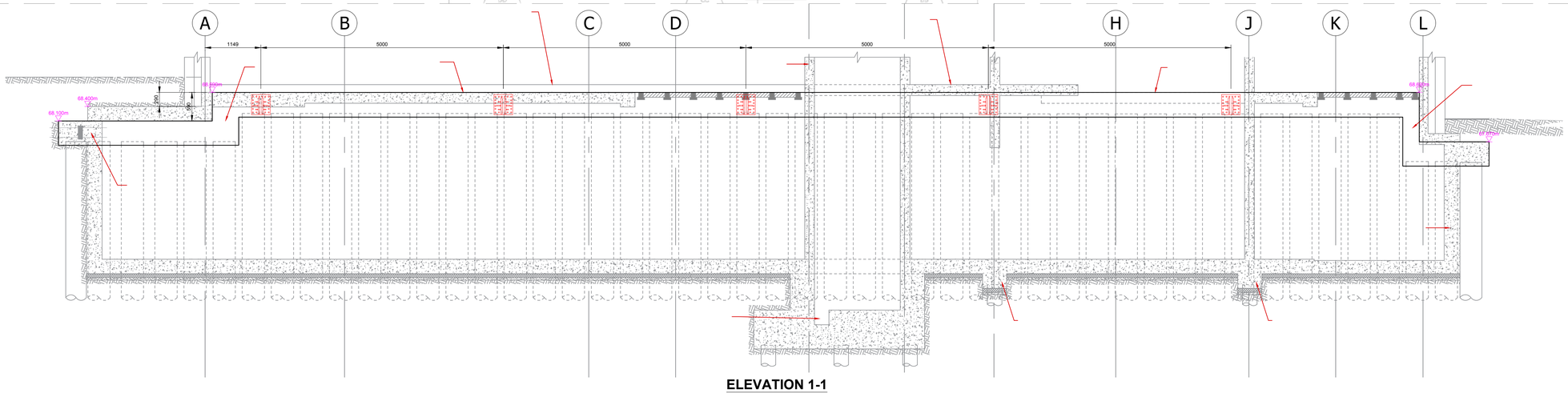
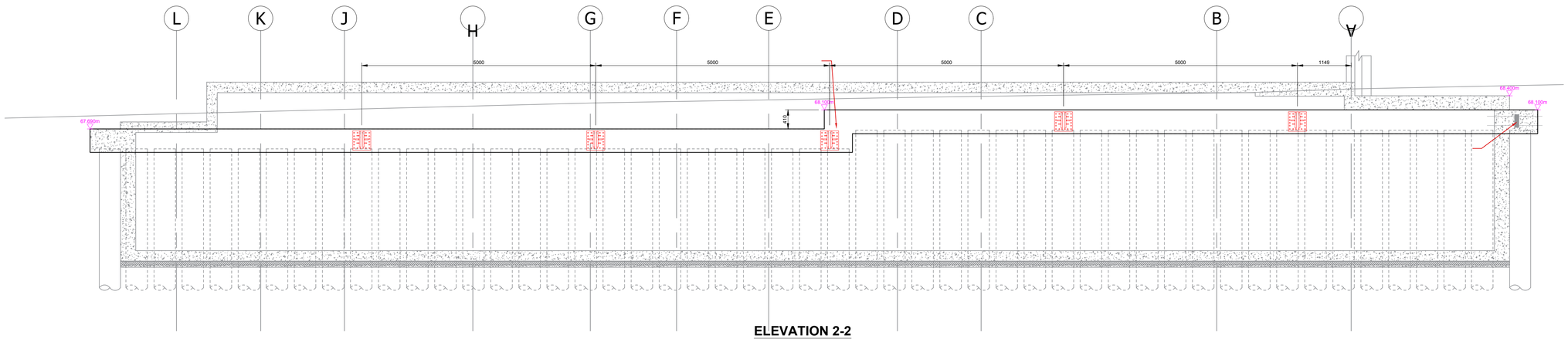


PLAN GA



ELEVATION 1-1
VIEW ON W1



ELEVATION 2-2
VIEW ON W2

DO NOT SCALE FROM THIS DRAWING

DESIGN REFERENCE: 43648 Rev A2

DRAWING NUMBERING

100 Series - Layouts / IDID Drawings
200 Series - Sections
300 Series - Details
500 Series - Fabrication Drawings

SECTION & DETAIL NOTATION

201A — Denotes Section A on drawing 201
301B — Denotes Detail B on drawing 301

GENERAL NOTES

1. All dimensions are in (mm), Levels in (m), Weights in (kg).
2. This drawing should **NOT** be scaled from.This drawing should be read in conjunction with a relevant site specific, Safe System of Work (SSoW).
3. For further information on MGF products (including risk assessments, technical information and guidance for SSoW), visit www.mgf.ltd.uk.
4. MGF recommend that the temporary works are inspected before each working shift by a competent person. (Normally the temporary works coordinator or supervisor).

WEIGHTS SCHEDULES

MGF 200 Series	
Component	Weight
270kN Mechanical Strut	150kg
540kN Mechanical Strut	147kg
600kN Hydraulic Strut	375kg
End Cleat	35kg
600kN Swivel Assembly	75kg
0.25m Strut Extension	40kg
0.50m Strut Extension	52kg
1.00m Strut Extension	78kg
1.50m Strut Extension	101kg
2.00m Strut Extension	124kg
3.00m Strut Extension	173kg
4.00m Strut Extension	223kg
5.00m Strut Extension	268kg

MGF 300 Series	
Component	Weight
600kN Hydraulic Strut	375kg
End Cleat	35kg
600kN Swivel Assembly	75kg
300 Series Cruciform	140kg
0.50m Strut Extension	107kg
1.00m Strut Extension	163kg
2.00m Strut Extension	280kg

RESIDUAL RISKS

A. **Integrity of Permanent Works**
The integrity of the [retaining wall] to resist the unfactored loads shown is to be confirmed by the permanent works engineer. The customer should monitor the [wall] for signs of movement.

B. **Accidental Loading**
Props have been designed to resist a maximum accidental load of 10kN at mid-span. Contractor must ensure that risks of accidental loading of props is minimised during all site operations.

C. **Prop Stability**
Props must be installed in there entirety to maintain stability. Props must be supported during their installation to minimise vertical deflection (sag) until hydraulics are pressurised and locked-off.

D. **Frame Stability (Loss of a Prop)**
This design has not considered the accidental loss of a prop. Contractors responsibility to ensure frame is installed in its entirety and pressurised prior to excavation. Works in close proximity to props is undertaken with extreme care to minimise risk of impact.

E. **Frame Stability (Loss of a Hydraulic Pressure)**
Contractor to ensure all hydraulic rams are pressurised to 1500 PSI and lock-off valves are closed prior to excavating (permit-to-load system is recommended). Refer to MGF Strutting Systems - Guidance for SSoW.

F. **Capping Beam Continuity**
It is assumed that the capping beam is continuous at stepped locations in both plan and elevation.

IF IN DOUBT ...ASK!

Issue	Issue Description	Date	Designed	Drawn	Checked
A2	Amended to Suit Updated Pile Design.	29.09.16	Joe Waller	Aymerick Severin	Stephen Barker
A1	Issued for Approval	26.09.16	Joe Waller	Aymerick Severin	Stephen Barker

Issue Status

FOR APPROVAL

MGF EXCAVATION SAFETY SOLUTIONS
Design Services Ltd
Commitment • Innovation • Sustainability
design@mgf.ltd.uk | www.mgf.ltd.uk | 01942 402 704

Customer
ROCHFORD

Site
192 Haverstock Hill

Scheme
Temporary Basement Propping

Drawing Title
Plan GA & Elevations

Drawing No
43648-100

Rev
A2

A1 Sheet