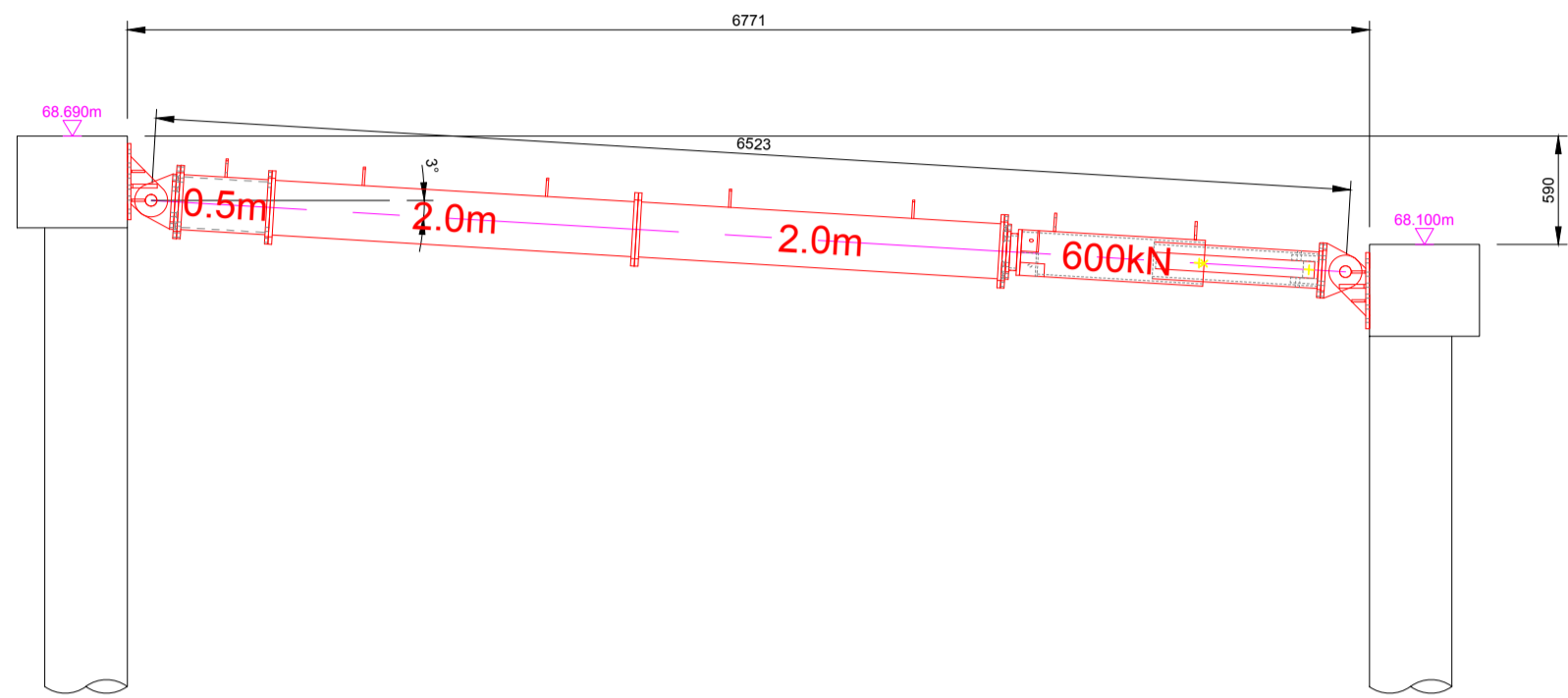


DRAWING NUMBERING	SECTION & DETAIL NOTATION
100 Series - Layouts / IDID Drawings	201A Denotes Section A on drawing 201
200 Series - Sections	201B Denotes Detail B on drawing 201
300 Series - Details	
500 Series - Fabrication Drawings	

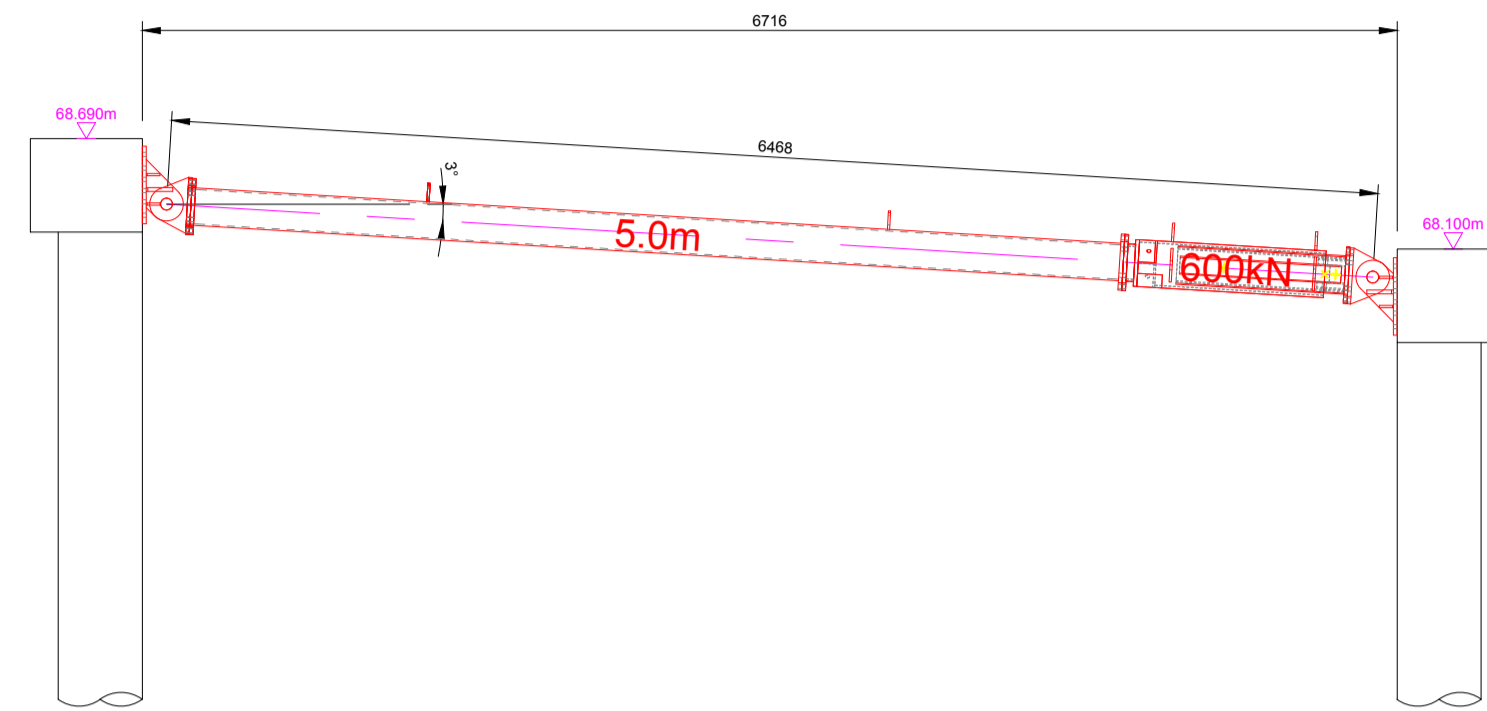
- GENERAL NOTES**
- All dimensions are in (mm), Levels in (m), Weights in (kg).
  - This drawing should **NOT** be scaled from. This drawing should be read in conjunction with a relevant site specific, Safe System of Work (SSoW).
  - For further information on MGF products (including risk assessments, technical information and guidance for SSoW), visit [www.mgf.co.uk](http://www.mgf.co.uk).
  - 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**

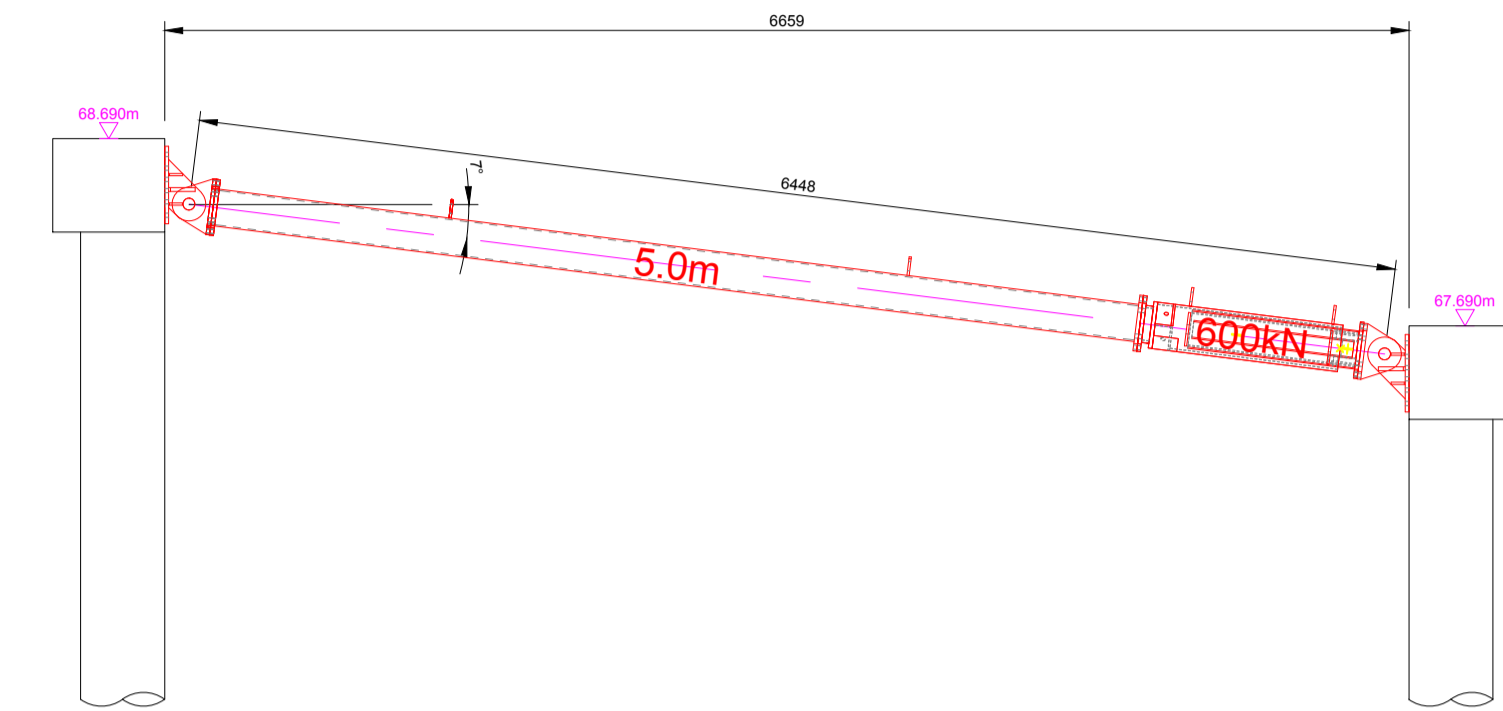
MGF 200 Series	
Component	Weight
270kN Mechanical Strut	150kg
540kN Mechanical Strut	147kg
600kN Hydraulic Strut	375kg
End Cleat	35kg
600kN Swivel Assembly	75kg
0.25m Strut Extension	40kg
0.50m Strut Extension	52kg
1.00m Strut Extension	76kg
1.50m Strut Extension	101kg
2.00m Strut Extension	124kg
3.00m Strut Extension	173kg
4.00m Strut Extension	223kg
5.00m Strut Extension	258kg



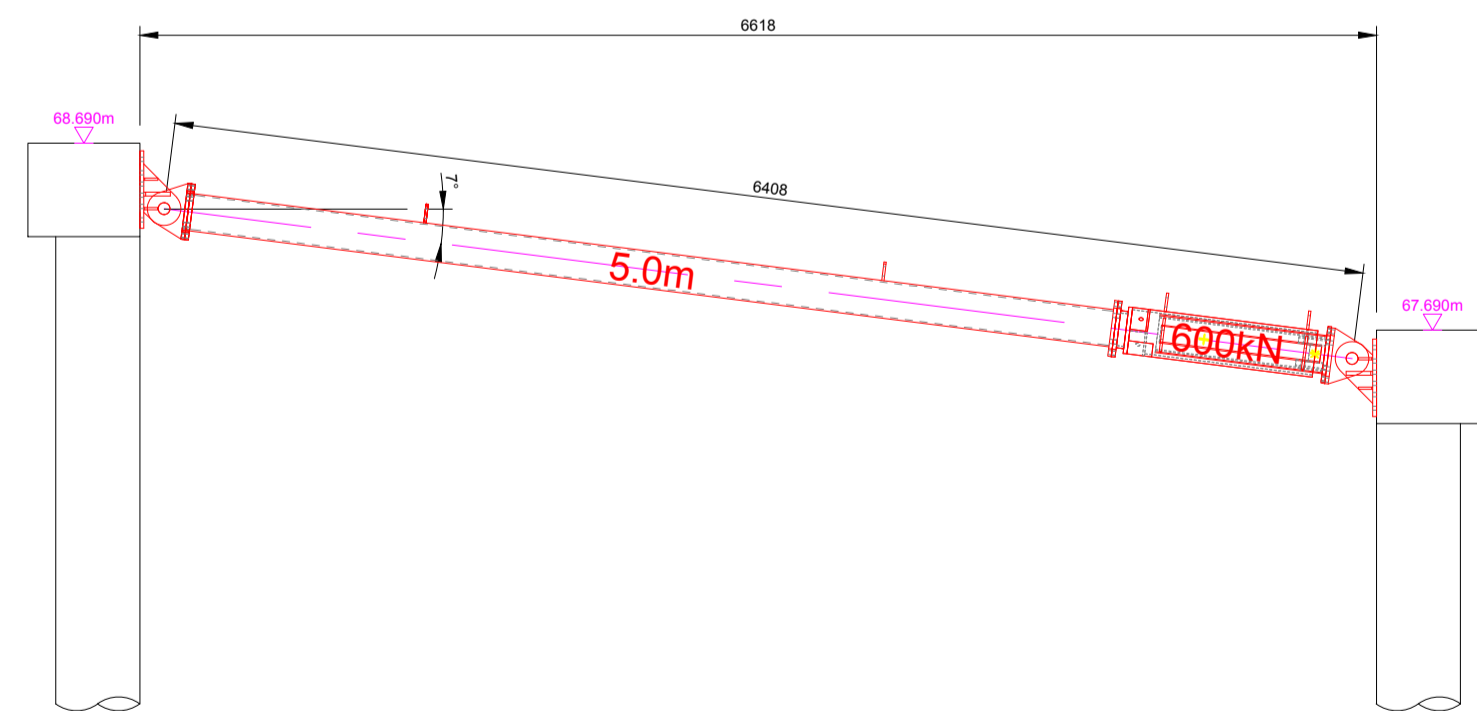
**SECTION A-A**  
Prop 1



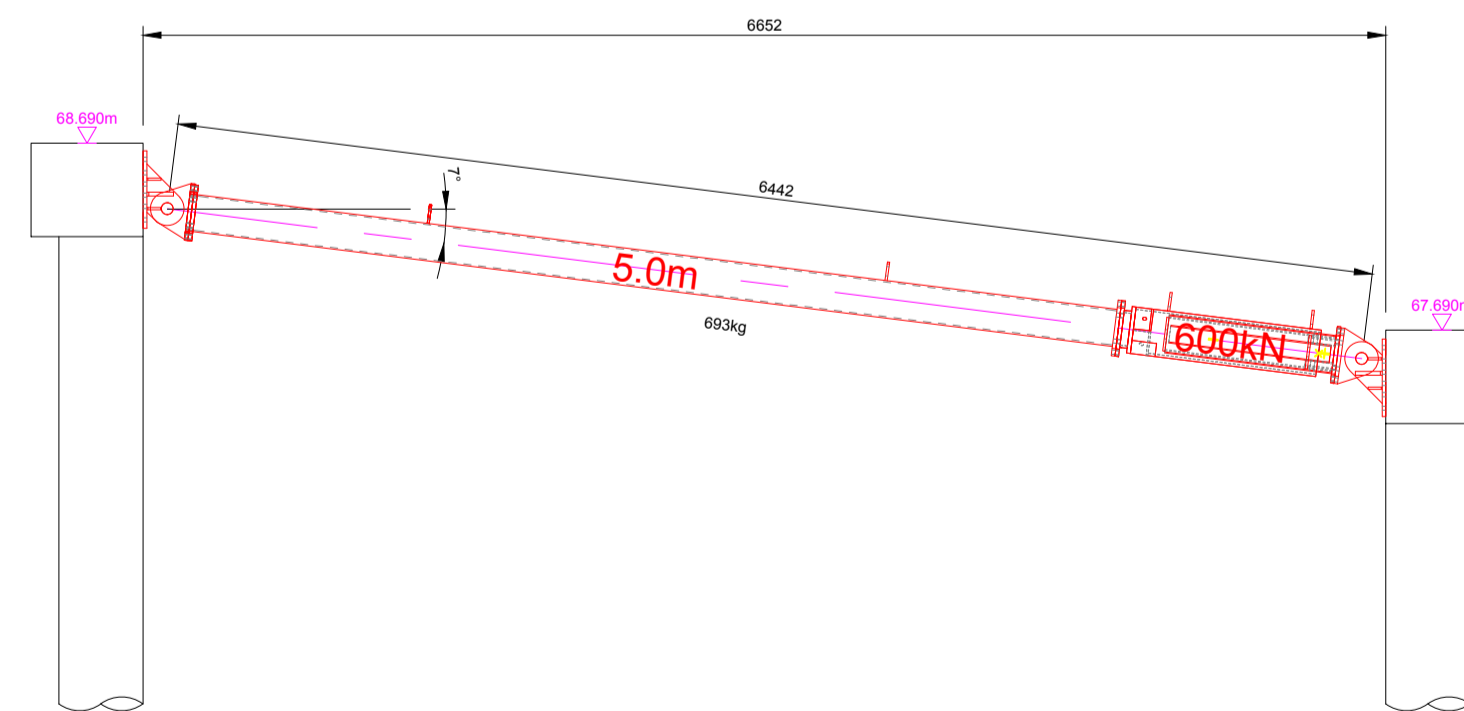
**SECTION B-B**  
Prop 2



**SECTION C-C**  
Prop 3



**SECTION D-D**  
Prop 4



**SECTION E-E**  
Prop 5

**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 their entirety to maintain stability. Props must be supported during their installation to minimise vertical deflection (rag) 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. Contractor 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 (permitted load system is recommended). Refer to MGF Structures 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 No	Issue Description	Date	Designed	Drawn	Checked
A1	Issued for Approval	26.09.16	Joe Walker	Aymerick Barker	Stephen Barker

**FOR APPROVAL**

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



Site  
192 Haverstock Hill

Scheme  
Temporary Basement Propping

Drawing Title  
Sections

Drawing No  
43648-200

Rev  
A1

A1 Sheet