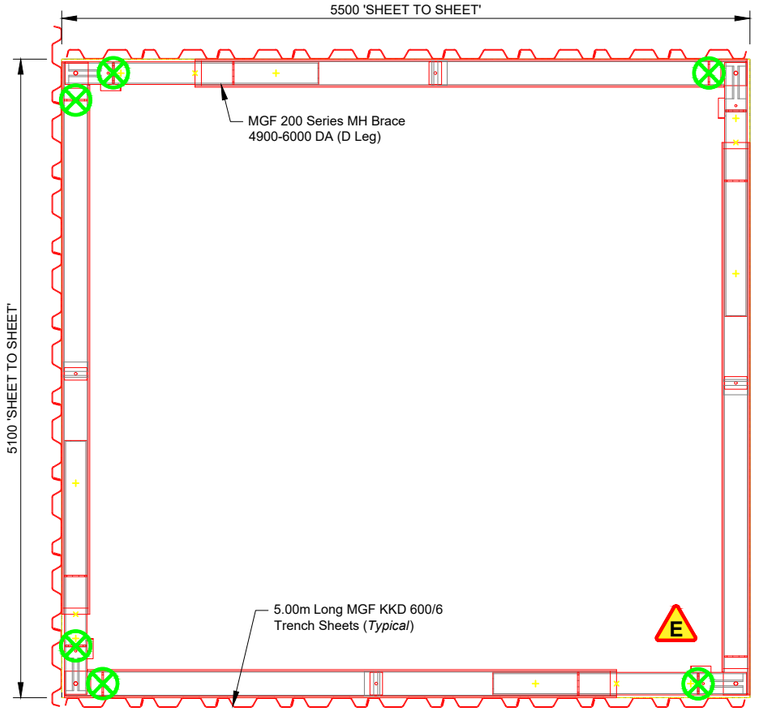
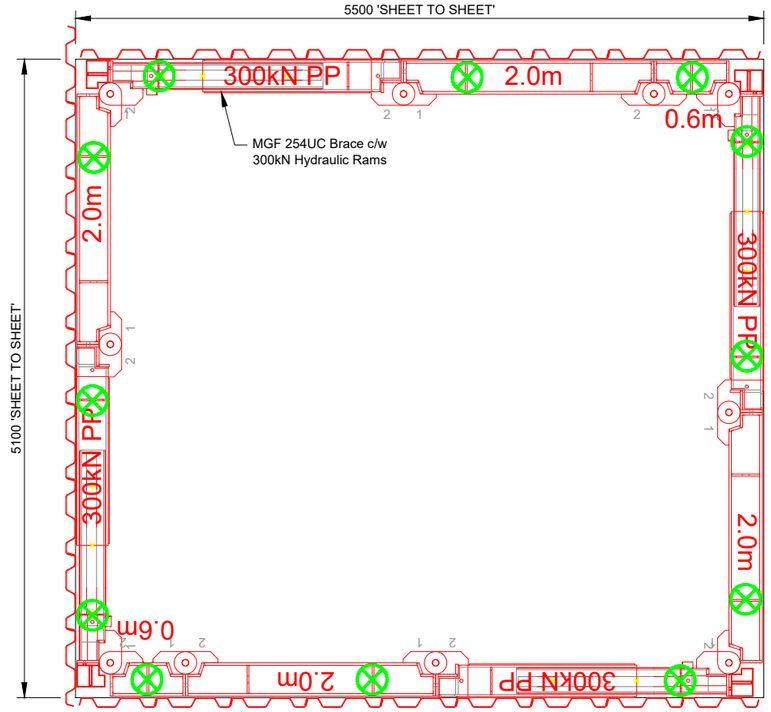
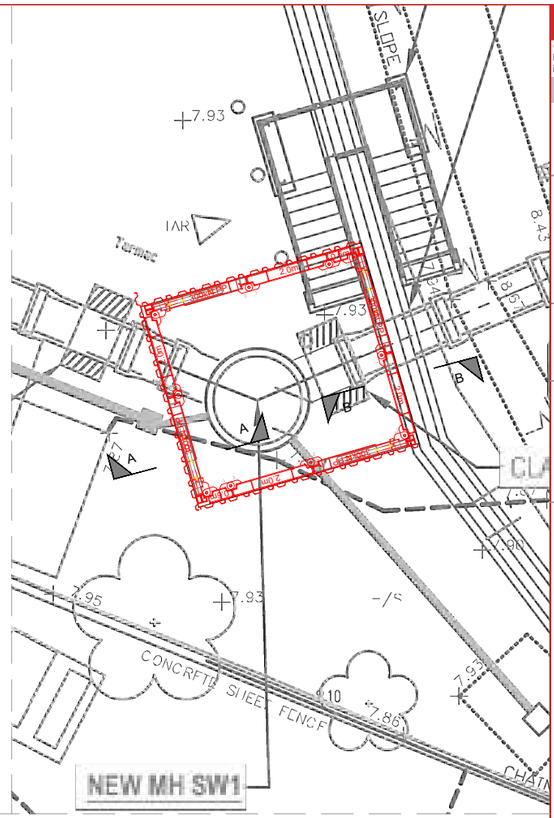
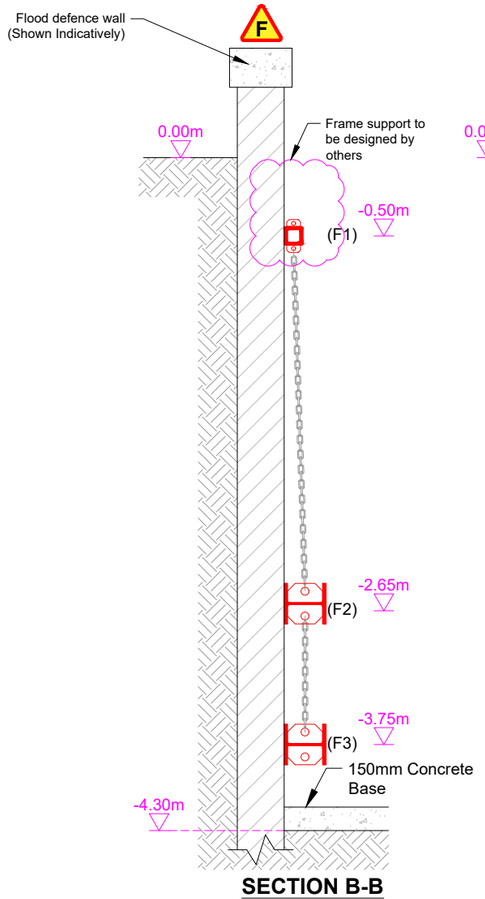


PLAN VIEW - FRAME 1 LAYOUT

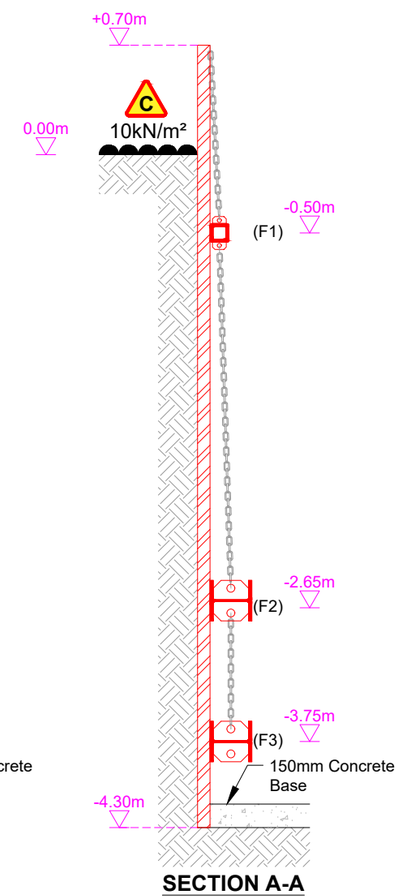


PLAN VIEW - FRAME 2 & 3 LAYOUT

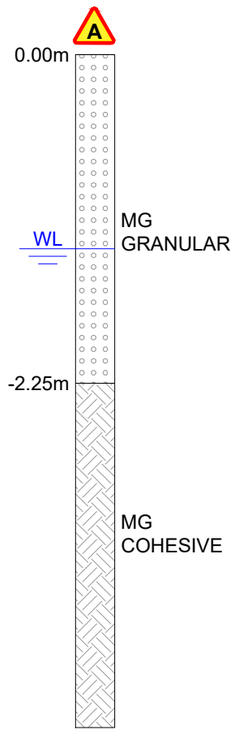




SECTION B-B



SECTION A-A



SOIL PROFILE BASED
ON REF: WS01, WS02 & WS03
(Groundwater Anticipated @ -1.24m)

CAUTION!
Customer to provide safe method of working for the excavation and installation of (F1) an (F2) and sheets down to 1.2m depth.

CAUTION!
Customer may wish to overdig excavation to a maximum 300mm (-4.60m) sheets to be locally driven to overdig level if required.

DO NOT SCALE FROM THIS DRAWING

DESIGN REFERENCE: 45240 Rev A3

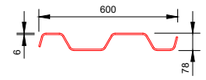
DRAWING NUMBERING
100 Series - Layouts / IDID Drawings
200 Series - Sections
300 Series - Details
500 Series - Fabrication Drawings

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).

LEGEND
Possible Location of Restraining Chains
Design Surcharge

TRENCH SHEET DETAILS



MGF KKD 600/6 Trench Sheet
Weight = 37.5kg/m

WEIGHTS SCHEDULES

'D' Leg	
Component	Weight
200 Series 4900-6000 'D' leg	500kg
Assembly	2000kg

MGF 254UC Brace	
Component	Weight
300kN Hydraulic Ram	508kg
0.60m Extension	123kg
2.00m Extension	290kg

RESIDUAL RISKS

A. **Ground Conditions**
If ground conditions or groundwater level vary from those shown on this drawing then seek advice from MGF DSL before proceeding.
B. **Unplanned Excavation (Over-dig)**
This design has considered for a 300mm overdig allowance as shown for soft spots.
C. **Surcharging of Material**
Customer to avoid surcharging excavation with spoil or other plant/materials (Max 10kN/m²).
D. **Services**
Care should be taken to prevent damage to existing services. Exposed services should be suitably supported.
E. **Assembly & Dismantling of Manhole Brace Frames**
It is the responsibility of the customer to produce a method statement for the safe assembly and dismantling of the manhole brace frames.
F. **Integrity Existing Structures**
The integrity of the existing structure is the customers responsibility. The customer should monitor the structure(s) for signs of movement.

IF IN DOUBT ...ASK!

Issue	Issue Description	Date	Designed	Drawn	Checked
A3	Installation Sequence Amended	19.06.18	Patrick Marshall	Sam Cox	Richard Lawrenson
A2	Installation Sequence Amended	07.02.17	Duncan Knights	Chris Atherton	Richard Lawrenson
A1	For Approval	18.01.17	Duncan Knights	Sam Cox	Richard Lawrenson

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
Forkers Ltd
Civil & Ground Engineering Contractors

Site
Albany Street, Newport

Scheme
Manhole SW1

Drawing Title
Plan Views, Sections & Key Plan

Drawing No
45240-100

Rev
A3

A3 Sheet