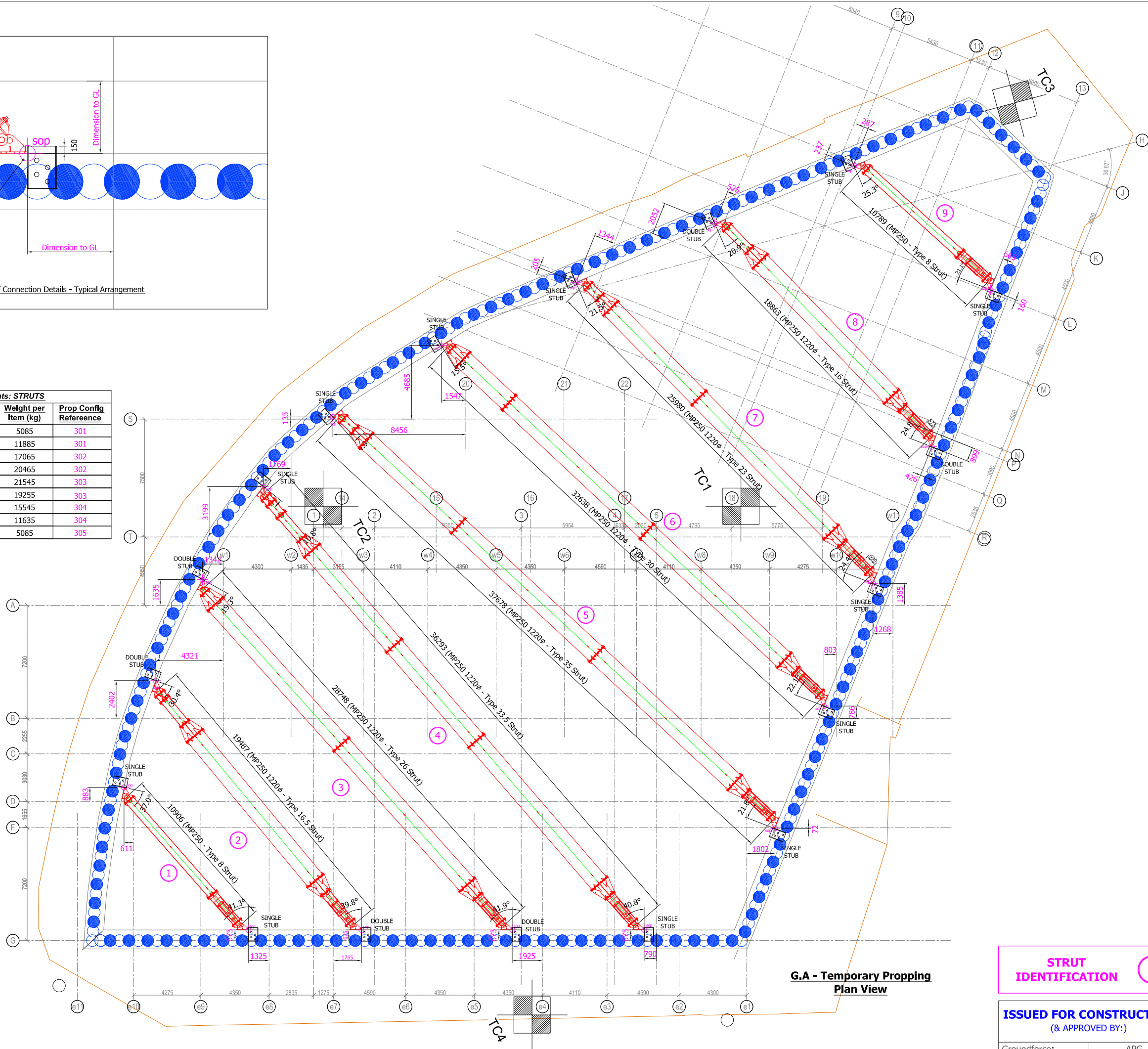


Schedule of Weights: STRUTS			
I.D.	Description:	Weight per Item (kg)	Prop Config Reference
1	MP250 - Type 8 Hyd' Strut	5085	301
2	MP250 (1.2Ø) - Type 16.5 Strut	11885	301
3	MP250 (1.2Ø) - Type 26 Strut	17065	302
4	MP250 (1.2Ø) - Type 33.5 Strut	20465	302
5	MP250 (1.2Ø) - Type 35 Strut	21545	303
6	MP250 (1.2Ø) - Type 30 Strut	19255	303
7	MP250 (1.2Ø) - Type 23 Strut	15545	304
8	MP250 (1.2Ø) - Type 16 Strut	11635	304
9	MP250 - Type 8 Hyd' Strut	5085	305



STRUT IDENTIFICATION

1

ISSUED FOR CONSTRUCTION
(& APPROVED BY:)

Groundforce:	APG
Other (if required):	-

ALL DIMENSIONS ARE IN mm

Scheme Notes.

1. Props are spaced around 10.0m Centres and designed to varied loadings as supplied by Laing O'Rourke. See appendix D of the full design document for analysis.
2. Prop connection details: End Bearing Plates bolted to face of capping beam via 4No. M30 anchors c/w resln. Cast-in shear stubs to be fitted at each location to carry lateral loading. 25mm Polystyrene formers will be used at each stub location to enable the stubs to be burnt off and the face of capping beam to be made good.
3. All Props are to be designed to act on hydraulic units with isolation rods on rubber washers - these will not be relied on for normal operation but will act as a contingency in the event of a hydraulic failure.

General Notes.

1. Attention is drawn to current safety legislation particularly CDM 2007 regulations & BS 5975:2008. Appropriate site specific risk assessments must be performed by the contractor. In addition the excavation must be inspected by a competent person in accordance with statutory requirements. Any defects or signs of deterioration to the support system must be notified to Groundforce immediately and work stopped within the excavation.
2. Your attention is drawn to the size and weight of the equipment to be supplied as specified. It is the hirer's responsibility to ensure that this information is taken into account during the planning of any work to be carried out, including the provision of adequate lifting facilities to ensure the safe loading, installation and removal of the equipment.
3. The contractor must provide suitable edge protection around the perimeter of the excavation and to also allow for suitable means of access / egress to and from the excavation.
4. The installation of the equipment is the responsibility of the hirer. It is essential that appropriately trained personnel are employed to install this equipment in accordance with this drawing and specific Groundforce Installation user guides. Groundforce can provide an installation supervision service. If required or alternatively provide 'toolbox training' for the site operatives.

SIGNIFICANT / RESIDUAL RISKS

These must be assessed by the contractor prior to commencing the works

a. Accidental loading.

b. Working at Height.

c. Lifting Operations.

d. Installation of Propping & Pre Stressing.

e. Prop loads exceeding those designed for.

f. Manual Handling.

g. De-stressing of props.

h. Prop Removal.

i. Slips Trips & Falls.

C02	25/04/2015	CONSTRUCTION ISSUE	OJS	OJS	AN
C01	10/04/2015	CONSTRUCTION ISSUE	OJS	OJS	AN
P04	12/02/2015	PRELIMINARY ISSUE	OJS	OJS	AMF
P03	18/12/2014	PRELIMINARY ISSUE	OJS	OJS	AMF
P02	13/11/2014	PRELIMINARY ISSUE	OJS	BMF	OJS
P01	31/10/2014	PRELIMINARY ISSUE	OJS	BMF	OJS
T01	27/08/2014	TENDER ISSUE	OJS	BMF	OJS
Rev	Date	Comments	Des	Drw	Appr

Vp plc

Groundforce Shorco

Excavation Support

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Client:	LAING O'ROURKE	
Contract:	EILEEN HOUSE, LONDON	
Title:	G.A - TEMPORARY PROPPING	
Date:	24/04/2015	Scale: DO NOT SCALE
Design Ref:	MP1728	Rev: C02