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4. The temporary works proposals shown on this drawing are indicative only. The Contractor is responsible for the design, installation and maintenance of all necessary temporary works to ensure the strength, stability and integrity of the building and surrounding land and buildings throughout the course of the works.

A	17.03.16	IS	Issued for planning.
-	19.04.13	TJM	Issued for planning.
Rev	Date	Issued	Amendment

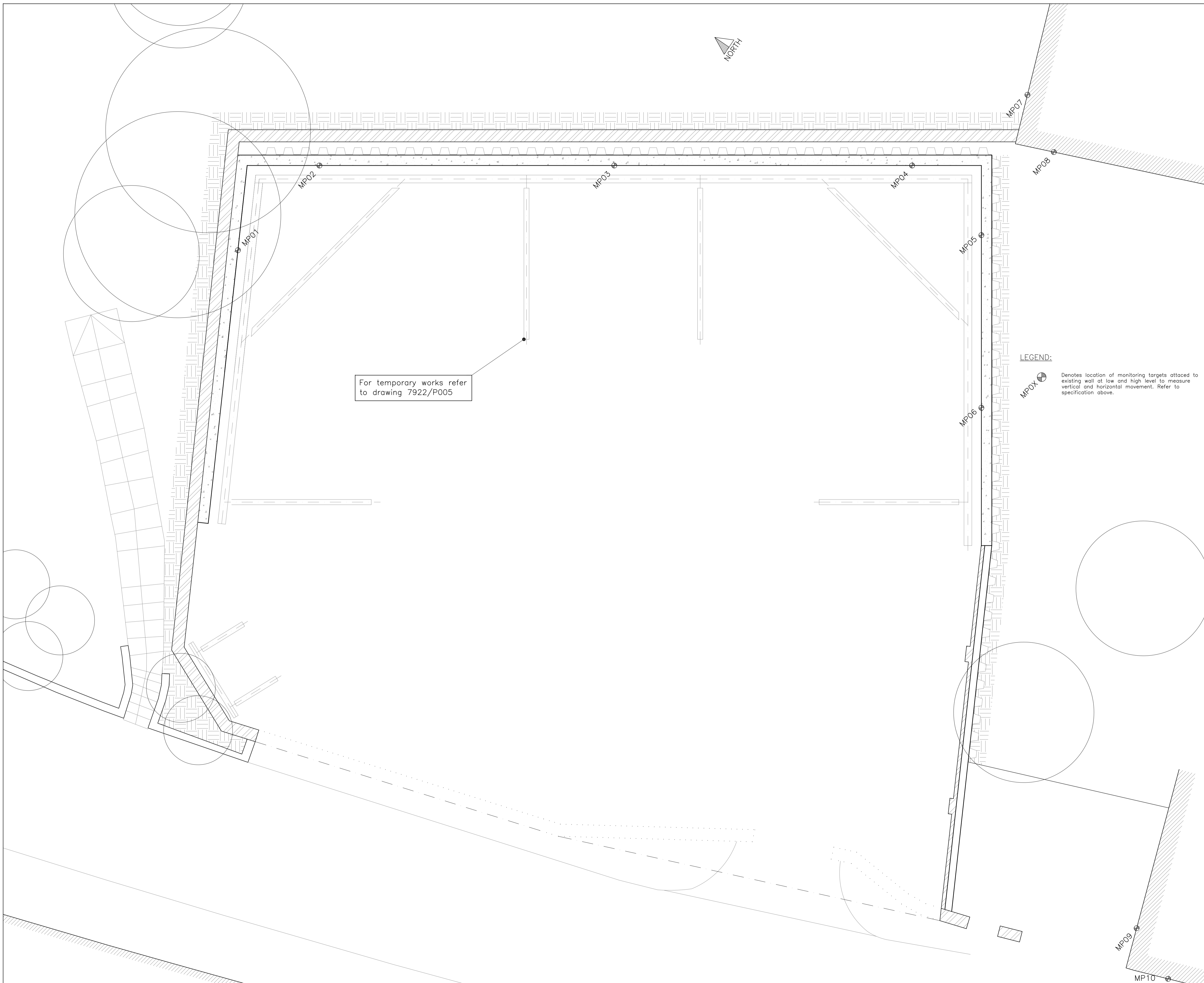
Status **PLANNING**

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**JUDGE'S LODGE**  
**7 BRANCH HILL, NW3**


**PROPOSED SITE SETUP**

Drawn	T. Musson	Scale	1:50 at A1
Project No./Drawing No.	7922/P005	Rev	A




For temporary works refer to drawing 7922/P005

**LEGEND:**

MPOX  Denotes location of monitoring targets attached to existing wall at low and high level to measure vertical and horizontal movement. Refer to specification above.

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**MOVEMENT MONITORING OUTLINE SPECIFICATION:**

- The Contractor is to appoint an independent surveying company to undertake the movement monitoring. The appointed surveying company is to be experienced in the form of monitoring proposed.
- The Contractor is required to submit details of the Appointed Monitoring Company and detailed proposals for the monitoring with the Tender returns.
- Monitoring is required to provide line and level information such that each survey point is defined in three dimensions (one vertical and two horizontal).
- The methods of surveying are to be proposed by the surveying company and are to be appropriate for the site, the proposed sequence of works and the requirements of this drawing.
- Where precise leveling is to be used the equipment and methods used are to provide an accuracy of ±1mm.
- Where total station equipment is to be used the equipment and methods used are to provide an accuracy of ±2mm.
- Readings are to be taken on the following basis, and as agreed between the Party Wall Surveyors:

Baseline readings to be taken on a weekly basis at least four weeks prior to substantial works being undertaken or as soon as is practical.

Readings during the ground works are to be taken on a weekly basis.

Readings during the above ground works are to be taken on a two weekly basis.

The Contractor is to provide a programme of monitoring dates with the tender returns.

Monitoring results are to be submitted to the CA and Engineer within two working days of the survey being completed.

Monitoring results are to be provided in a report containing the results in graphical and numerical tabular form and containing an executive summary of the findings clearly stating the trigger level category in which the recorded movements lie.

The following green / amber / red trigger level values are to be adopted:

**HORIZONTAL MOVEMENTS**

- Green: < 5mm
- Amber: 5 – 10mm
- Red: > 10mm

**VERTICAL MOVEMENTS**

- Green: < 6mm
- Amber: 6 – 12mm
- Red: > 12mm

**11. TRIGGER VALUE ACTIONS**

**Green:**  
No action.

**Amber:**  
Should values within the amber category be recorded the Contractor is to notify the CA, Engineer and Party Wall Surveyors. Contractor and Temporary Works Coordinator to review the adequacy and performance of the temporary works and take action to arrest further movement. Details of any modifications to temporary works are to be submitted by the Contractor. The Contractor is to increase the monitoring frequency as necessary to demonstrate that movement has been arrested.

**Red:**  
Should values reach the red trigger values, the Contractor is to immediately stop work and notify the CA and Engineer. The Contractor should installed "emergency" temporary works measures as necessary to stabilise the works immediately. The Contractor is to take daily readings to demonstrate that movement has stopped.

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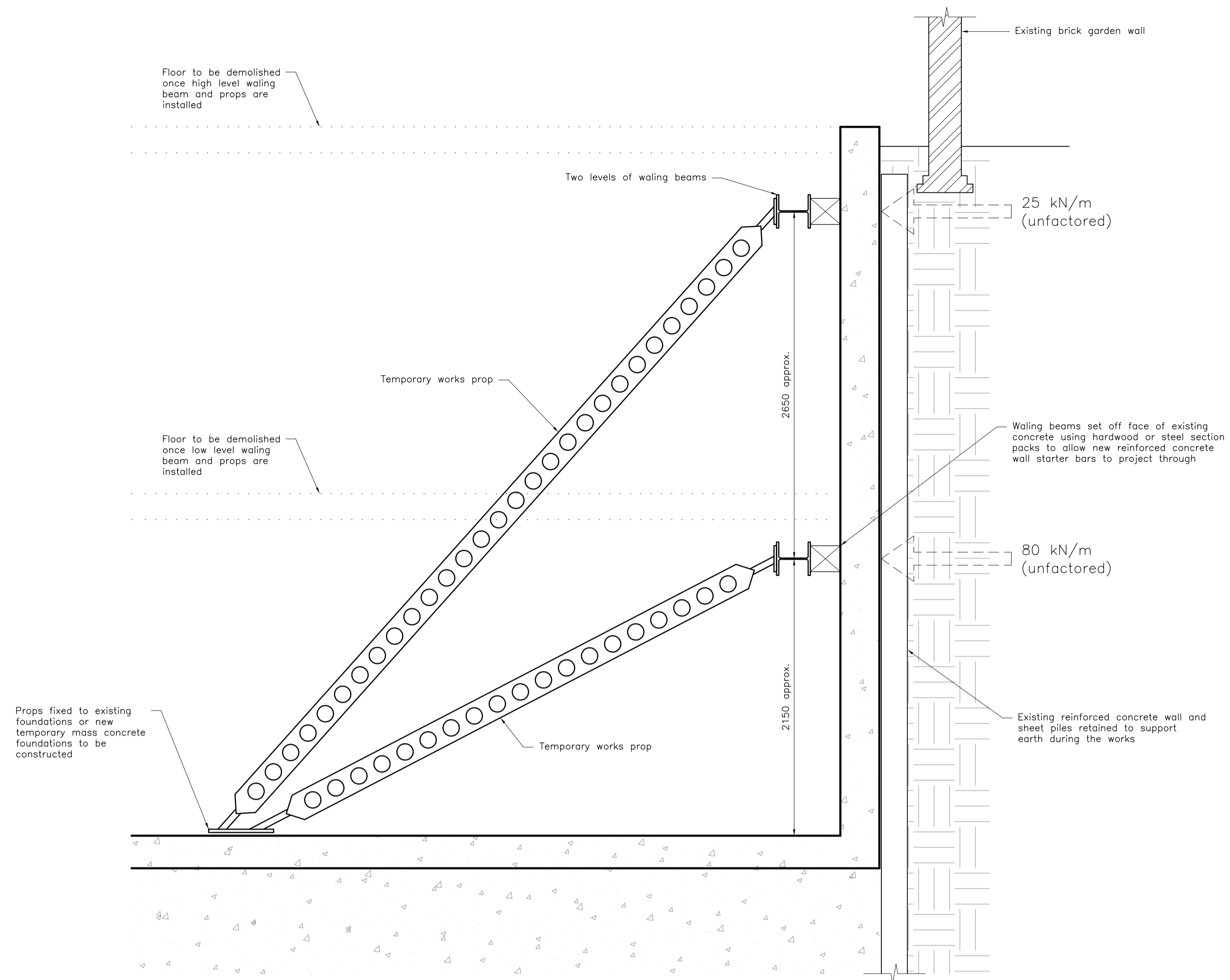
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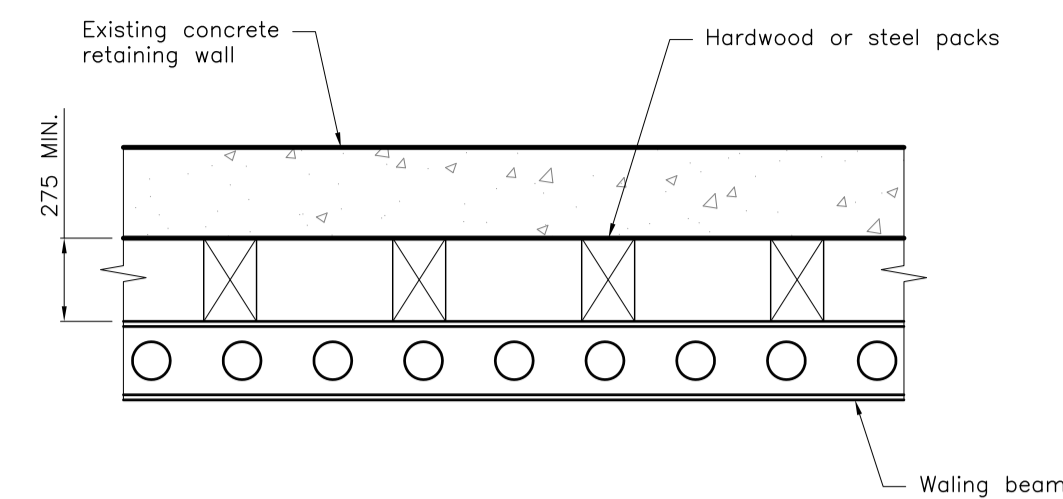
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**JUDGE'S LODGE**  
**7 BRANCH HILL, NW3**  
**PROPOSED MONITORING POINTS**

Drawn	T Musson	Scale	1:50 at A1
Project No./Drawing No.	7922/P007	Rev	A




SECTION 1-1



PLAN VIEW ON WAILING BEAM

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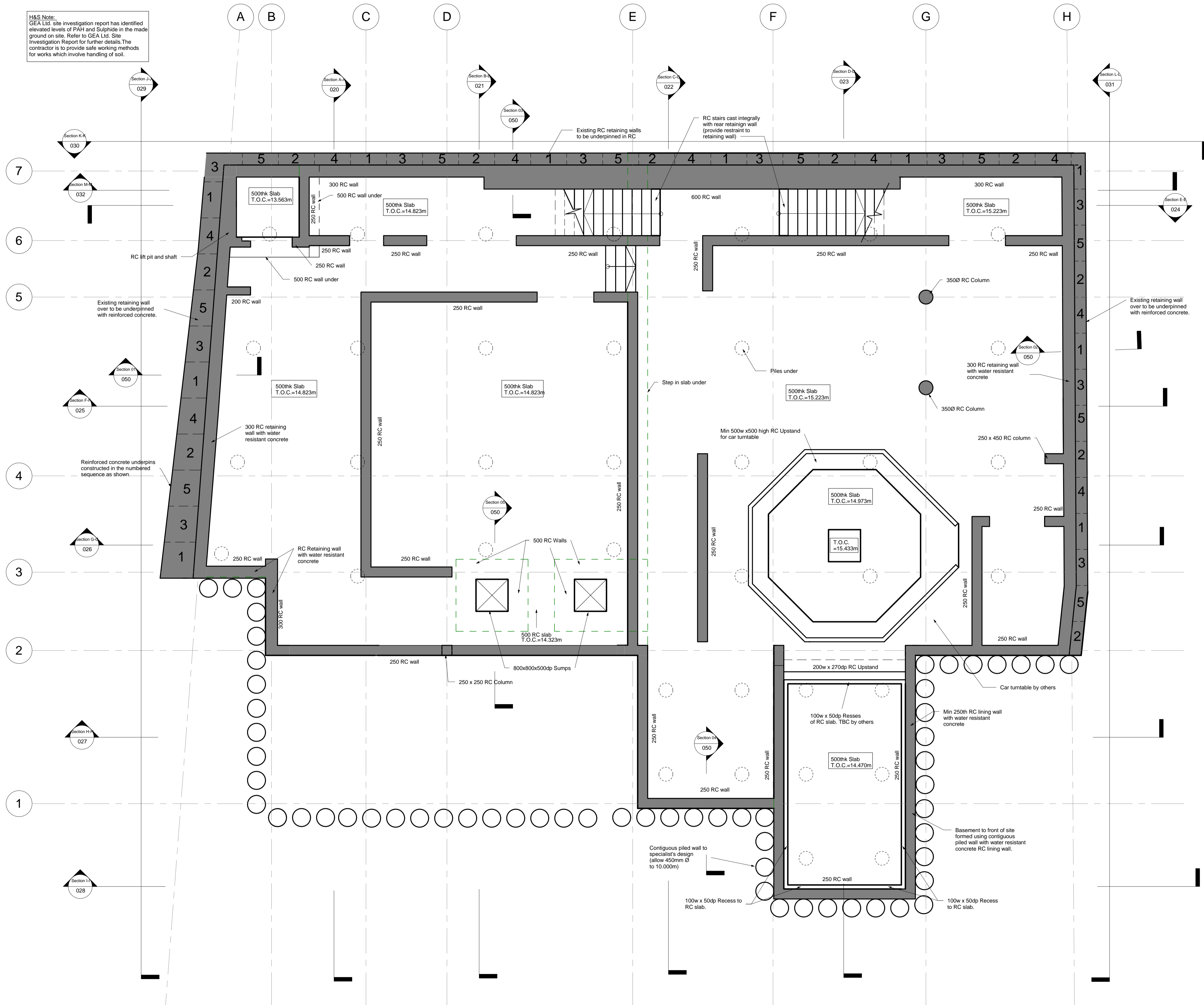
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**JUDGE'S LODGE**  
**7 BRANCH HILL, NW3**  
**TEMPORARY WORKS**  
**SECTIONS**

Drawn	T Musson	Scale	1:50 at A1
Project No./Drawing No.	7922/P006	Rev	—

H&S Note:  
GEA Ltd. site investigation report has identified elevated levels of PAH and Sulphide in the made ground on site. Refer to GEA Ltd. Site Investigation Report for further details. The contractor is to provide safe working methods for works which involve handling of soil.



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  - All levels shown are provided by others and subject to confirmation on site.
  - Boundary line and other demises shown on this drawing are indicative only and are to be confirmed by others.
  - All waterproofing and damp proofing membranes by Main Contractor.
  - All concrete to perimeter walls and slabs on ground is to contain a proprietary water resistant concrete additive.

NEW RC WALL  
STRUCTURE UNDER

**NOTE:**  
ALL STRUCTURAL LEVELS SHOWN ARE TO BE CONFIRMED BY THE ARCHITECT

THIS DRAWING IS NOT FOR CONSTRUCTION

17/03/2016	I.Stypos	Issue For Planning	
Rev	Date	Issued	Amendment

Status: PLANNING


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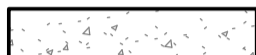


JUDGE'S LODGE  
7 BRANCH HILL, NW3  
PROPOSED LOWER GROUND FLOOR PLAN

Drawn	I Stypos	Scale	1:50
Project No./Drawing No.	7922/009	Rev	-

LOWER GROUND FLOOR PLAN  
1:50

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	EXISTING BRICKWORK
	NEW BRICKWORK
	EXISTING RC RETAINING WALL
	NEW RC WALL
	NEW BLOCKWORK WALL

**NOTE:**  
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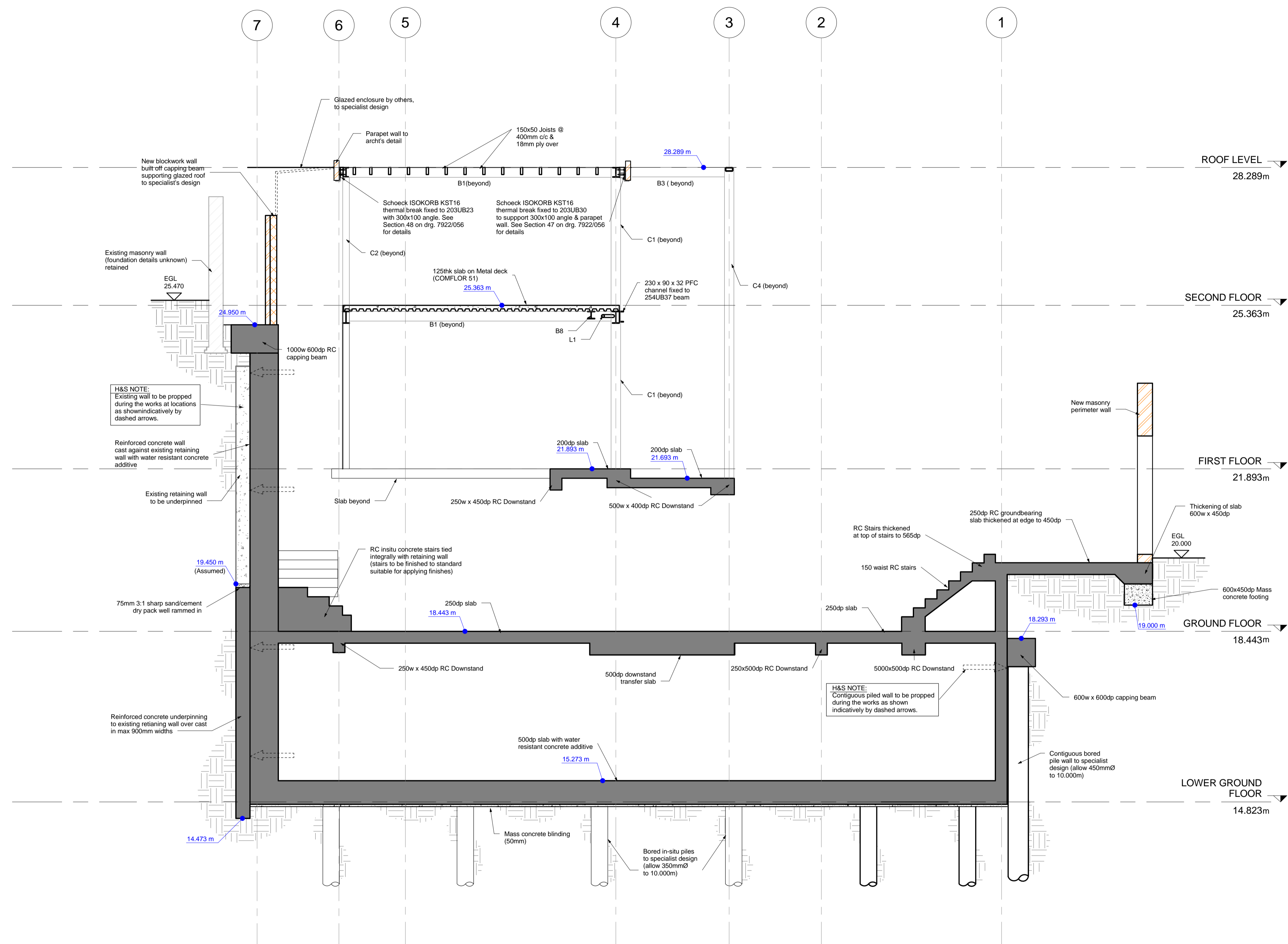
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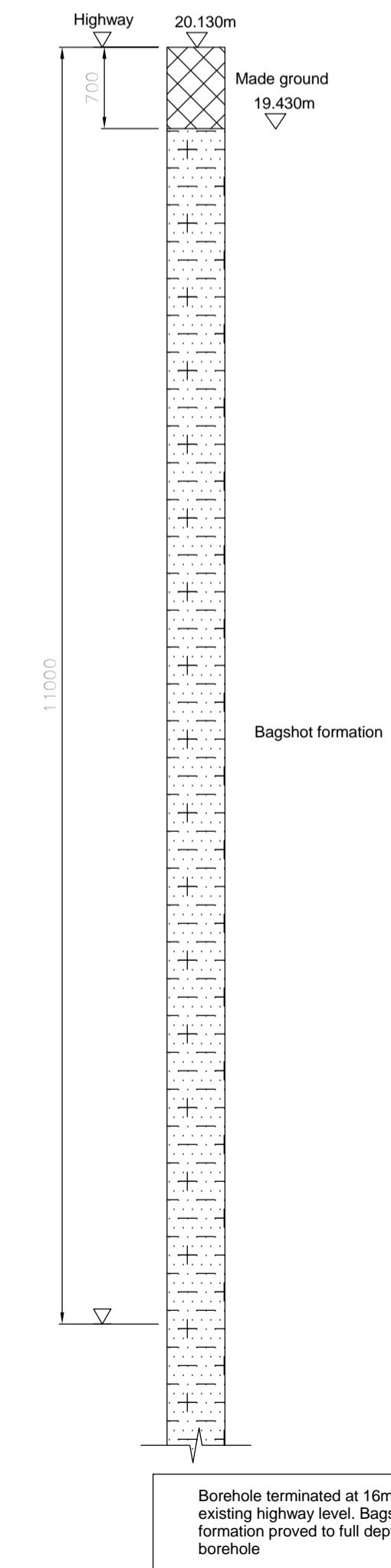
FULL BUILDING SECTION  
C-C

Drawn: I.Stypos Scale: 1:50

Project No./Drawing No. Rev  
7922/022 -



**Section C-C**  
1 : 50



**Ground Profile**  
1 : 50

**H&S NOTE:**  
Existing wall to be propped during the works at locations as shown inductively by dashed arrows.

Reinforced concrete wall cast against existing retaining wall with water resistant concrete additive

Existing retaining wall to be underpinned

75mm 3:1 sharp sand/cement dry pack well rammed in

19.450 m (Assumed)

Reinforced concrete underpinning to existing retaining wall over cast in max 900mm widths

14.473 m

RC insitu concrete stairs tied integrally with retaining wall (stairs to be finished to standard suitable for applying finishes)

250dp slab 18.443 m

250w x 450dp RC Downstand

500dp slab with water resistant concrete additive 15.273 m

Mass concrete blinding (50mm)

Bored in-situ piles to specialist design (allow 350mm $\varnothing$  to 10.000m)

500dp downstand transfer slab

250dp slab 21.893 m

200dp slab 21.893 m

250w x 450dp RC Downstand

500w x 400dp RC Downstand

230 x 90 x 32 PFC channel fixed to 254UB37 beam

125mm slab on Metal deck (COMFLOR S1) 25.363 m

RC Stairs thickened at top of stairs to 565dp

150 waist RC stairs

250dp RC groundbearing slab thickened at edge to 450dp

Thickening of slab 600w x 450dp

EGL 20.000

600x450dp Mass concrete footing

600w x 600dp capping beam

Contigous bored pile wall to specialist design (allow 450mm $\varnothing$  to 10.000m)

18.293 m

19.000 m

250dp slab

5000x500dp RC Downstand

250dp RC groundbearing slab thickened at edge to 450dp

**H&S NOTE:**  
Contigous piled wall to be propped during the works as shown inductively by dashed arrows.

Borehole terminated at 16m below existing highway level. Bagshot formation proved to full depth of borehole