

- NOTES:**
1. If in doubt please ask.
  2. Do not scale this drawing.
  3. This drawing is to be read in conjunction with all Engineers, Architects or other relevant drawings and specifications. Any discrepancy is to be reported to the engineer immediately.
  4. The contractor must ensure and will be held responsible for the overall stability of the building/structure/ /excavation at all stages of the work.
  5. All existing details shown are based on limited opening up. Assumptions have been made regarding existing construction. Framing and spans of existing slab joist and walls to be confirmed on site.
  6. To be Read with General Notes GN-001

**SHORING CONSTRUCTION NOTES:**

Checking regime competent and trained contractor's site personnel to conduct regular excavation inspections. Inspections are recorded and any safety concerns immediately reported to the contracts manager

**SHORING**  
no sacrificial timber shoring to be installed under the party/boundary walls. Should shoring be necessary then use MGF trench sheets or equivalent to form close sheeting at rear of underpinning excavation

**EDGE PROTECTION**  
Edge protection must be installed to a minimum height of 1m above existing ground level

Hand rails to be at spacing not exceeding 450mm

Toe boards to be installed with a minimum of height of 150mm above existing ground level.

**SHAFT SHORING DESIGN NOTES:**

Trada 1990  
Subject to review of ground conditions on site

- Timber struts = 2x50x150 C24 at max. 1.0m vertical c/s, spacing(horiz) = 1.2m
- Timber waling = 225x75C24 at max. 1.0m vertical c/s
- 18mm thick ply-board or 225mm wide x 38mm thick timber boards or MGF trench sheets installed at close sheeting to the full width of the 1.2m wide excavation.

B2	03.12.2018	Issued for Building Control	KK	AP
B1	17.11.2017	Issued for Building Control	KK	AP
Rev	Date	Amendments	By	CHK'd

**APPROVAL**

**AXIOM STRUCTURES**

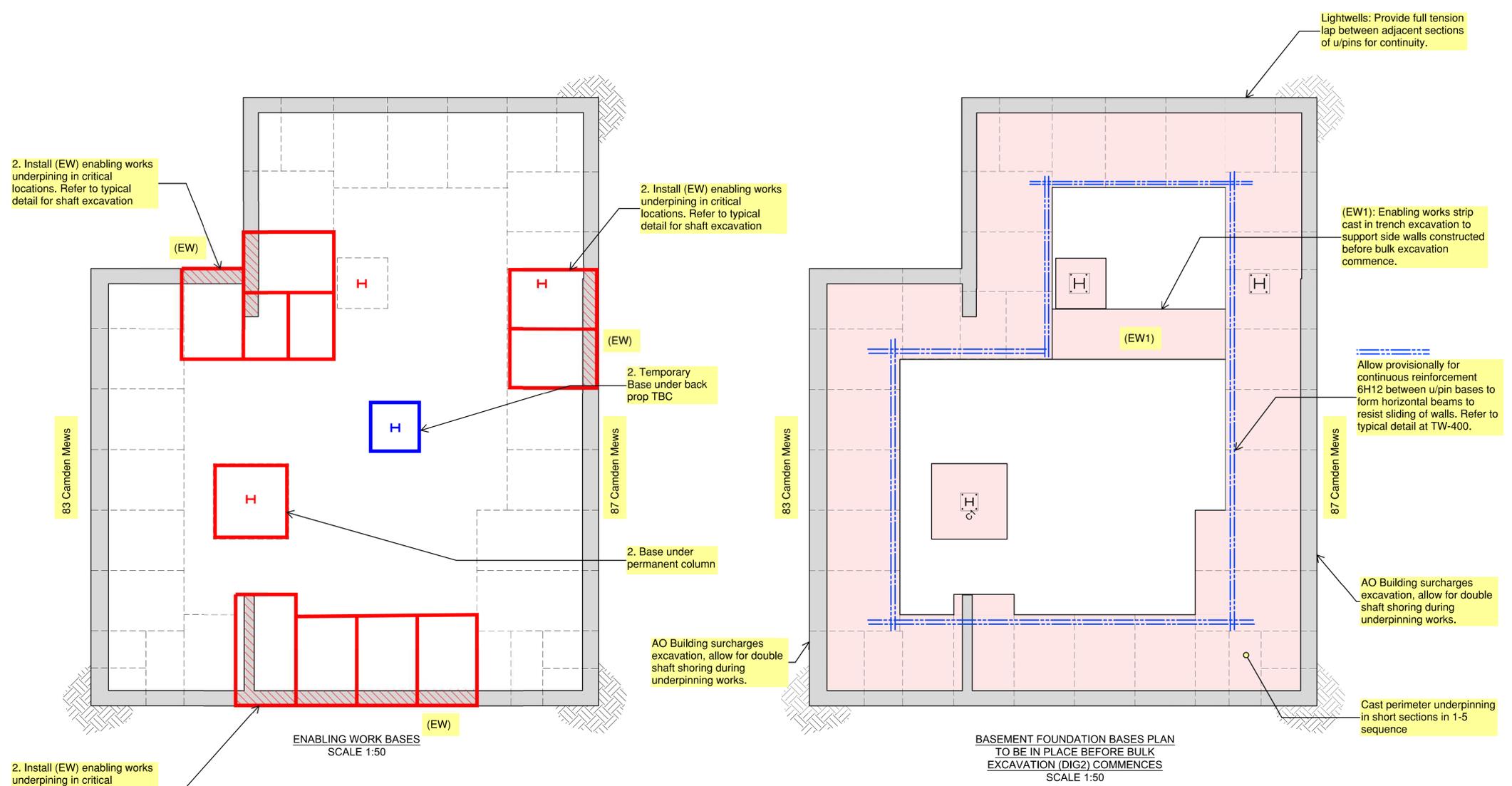
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**85 CAMDEN MEWS LONDON NW1**

**TEMPORARY WORKS**

Date:	Scale at A1:	Scale at A3:
11/2017	1:50	1:100
Drawn by:	Designed by:	CHK'd by:
KK	KK	AP

Drawing No: **15005/TW/401** Revision: **B2**



2. Install (EW) enabling works underpinning in critical locations. Refer to typical detail for shaft excavation

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Lightwells: Provide full tension lap between adjacent sections of u/pins for continuity.

(EW1): Enabling works strip cast in trench excavation to support side walls constructed before bulk excavation commence.

Allow provisionally for continuous reinforcement 6H12 between u/pin bases to form horizontal beams to resist sliding of walls. Refer to typical detail at TW-400.

AO Building surcharges excavation, allow for double shaft shoring during underpinning works.

Cast perimeter underpinning in short sections in 1-5 sequence

2. Install (EW) enabling works underpinning in critical locations. Refer to typical detail for shaft excavation

2. Base under permanent column

AO Building surcharges excavation, allow for double shaft shoring during underpinning works.

**PROPOSED SEQUENCE OF WORKS**  
We highlight the proposed sequence that we feel will be best for site production, safety and programme. It may be that the contractor wishes to change this sequence in certain areas to accommodate what may be found, as the building work progresses. Seek approval from Temporary Works engineer prior to any change to the above sequence.

**DENOTES**  
RED = SELECTED PERMANENT WORKS  
BLUE - TEMPORARY WORKS

TEMPORARY WORKS CO-ORDINATOR = TBC  
SE = PERMANENT WORKS ENGINEER = AXIOM STRUCTURES