

**DEMOLITION WORKS**

DEMOLITION WORKS TO BE COMPLETED USING THE APPROPRIATE EQUIPMENT.

**NOTES**

- NO FIXING TO FACADE FROM THE OUTSIDE.
- ALL ANCHORS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- SIMILAR ANCHORS MAY BE APPLIED, PROVIDING THE INSTALLATION & ADEQUACY IS IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATION.
- PROPS DESIGNED FOR 10 kN ACCIDENTAL LOAD
- STRUCTURE COULD BE OPTIMISED AT A LATTER STAGE

**Propping SEQUENCE**

- LOCALLY EXCAVATE BELOW CURRENT BASEMENT LEVEL TOCAST THRUST BLOCKS.
- INSTALL TOP AND BOTTOM WALERS ALONG WEST AND EAST ELEVATIONS
- INSTALL PROPPING TO WALER AND THRUST BLOCKS
- ERECT FACADE RETENTION STRUCTURE AND UNDERPIN THE EXISTING BASEMENT WALLS
- CAST THE NEW BASEMENT SLAB AND CANTILEVER RC STUB IN FRONT OF THE THRUST BLOCKS
- UNDERPING AND CAST REMAINING BASEMENT WALLS BETWEEN THE THRUST BLOCKS
- REMOVE BOTTOM Propping AND WALER
- PROGRESS WITH BASEMENT WALL
- RESTORE 1ST FLOOR STRUCTURE
- REMOVE Propping AND FACADE RETENTION PROGRESSIVELY AS THE NEW FLOORS ARE INSTALLED AND ACHIEVED THE REQUIRED STRENGTH

NOTES:  
This drawing is confidential and is the exclusive property of RDG Engineering Ltd. No unauthorized use, copy or disclosure is to be made and is to be returned upon request. Hire Only - All plant supplied on the basis is subject to our conditions of hire or sale as applicable.

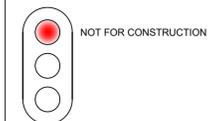
Drawing Notes:  
READ ALL NOTES ON DRAWING.

ALL bracing / restraints are to be installed as per drawing.  
All design and erection of scaffolds are to conform with the following British Standards and Codes Of Practices where applicable:

|                |  |
|----------------|--|
| TG 20:13       | 2013 Design Guide - Technical guidance on the use of BS EN 12811-1                               |
| TG 04:11       | 2011 Anchorage Systems   |
| BS EN 12811-1  | 2003 Temporary works equipment - Part 1: Scaffolds - Performance requirements and general design |
| BS EN 12812    | 2008 Falsework - Performance requirements and general design                                     |
| BS EN 13374    | 2013 Temporary edge protection systems - Product specification - Test methods                    |
| BS EN 39       | 2001 Loose steel tubes for tube and coupler scaffolds - Technical delivery conditions            |
| BS EN 1991-1-1 | 2002 Eurocode 1: Actions on structure - Densities, self-weight and imposed loads                 |
| BS EN 1993-1-1 | 2005 Eurocode 3: Design of steel structures - Part 1-1: General rules and rules for Buildings    |
| BS 5975:2019   | Code of practice for temporary works procedures and the permissible stress design of falsework   |

No alteration in or which may effect the loading is to be made without reference to RDG Engineering Design Office.

Dimensions:  
All dimensions are in mm and centre to centre unless otherwise stated. Written dimensions will take precedence over scaled dimensions.



|       |          |                      |     |     |         |          |
|-------|----------|----------------------|-----|-----|---------|----------|
| P1    | 06/12/22 | Issued For Approval  | NF  | NF  | PS      | RDG      |
| ISSUE | DATE     | DESCRIPTION OF ISSUE | DRN | ENG | CHECKED | APPROVED |

CLIENT  
**BOWMAN RILEY ARCHITECTS LTD**

**RDG**  
ENGINEERING (TW) LTD  
Derbyshire House, St Chad's Street, London.  
WC1H 8AG. tel: 020 7036 1650  
e-mail: design@rdgengineering.co.uk

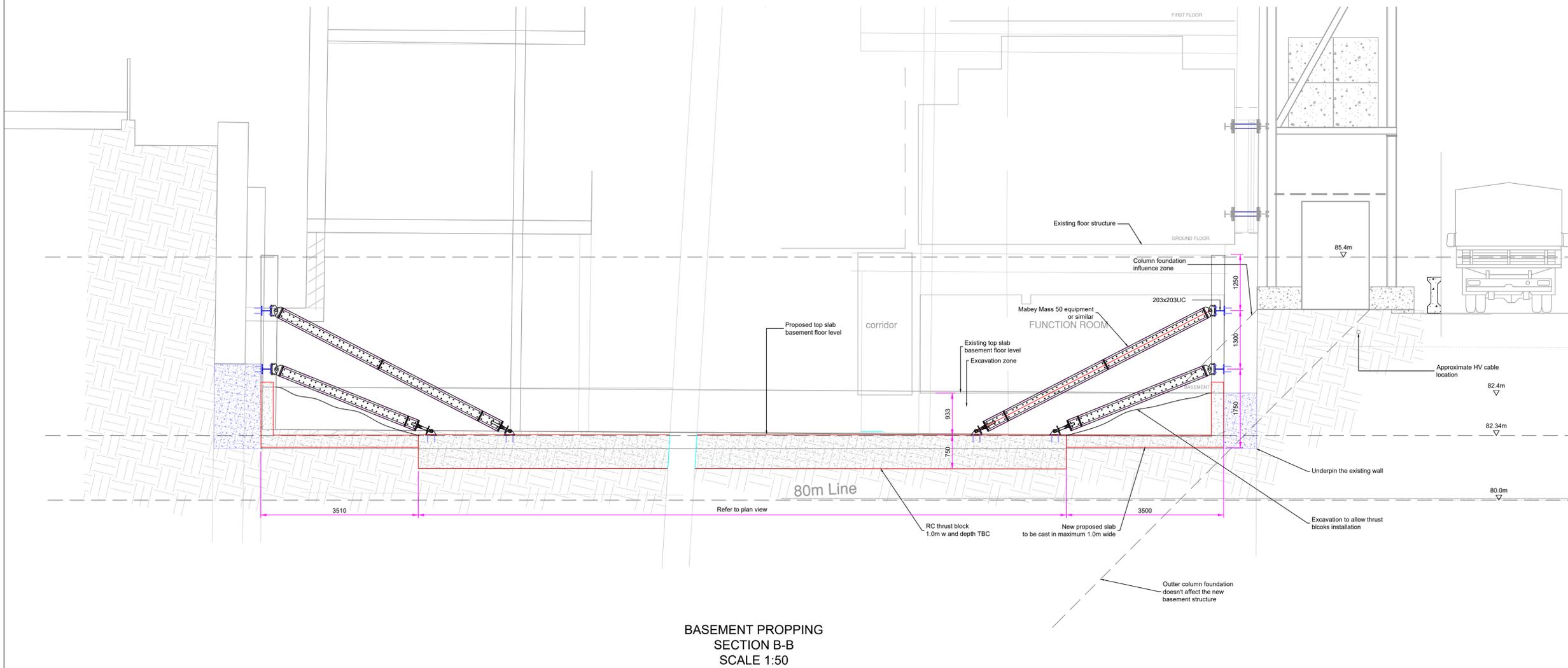
PROJECT  
**THE GEORGE HOTEL**

DRAWING TITLE  
**BASEMENT PROPPING SECTION  
BASEMENT PROPPING AND FACADE RETENTION**

CLIENT'S DRAWING REFERENCE

|       |                         |       |
|-------|-------------------------|-------|
| SCALE | RDG ENGINEERING DRG No. | ISSUE |
| @ A1  | 5797-01-01-02-004       | P1    |

THIS DRAWING AND THE INFORMATION CONTAINED IS CONFIDENTIAL AND IS THE PROPERTY OF RDG ENGINEERING (TW) LTD. IT IS ISSUED ON THE CONDITION THAT IT SHALL NOT BE REPRODUCED COPIED OR PASSED TO THIRD PARTIES WITHOUT THE WRITTEN APPROVAL OF RDG ENGINEERING (TW) LTD.



**BASEMENT PROPPING SECTION B-B**  
SCALE 1:50