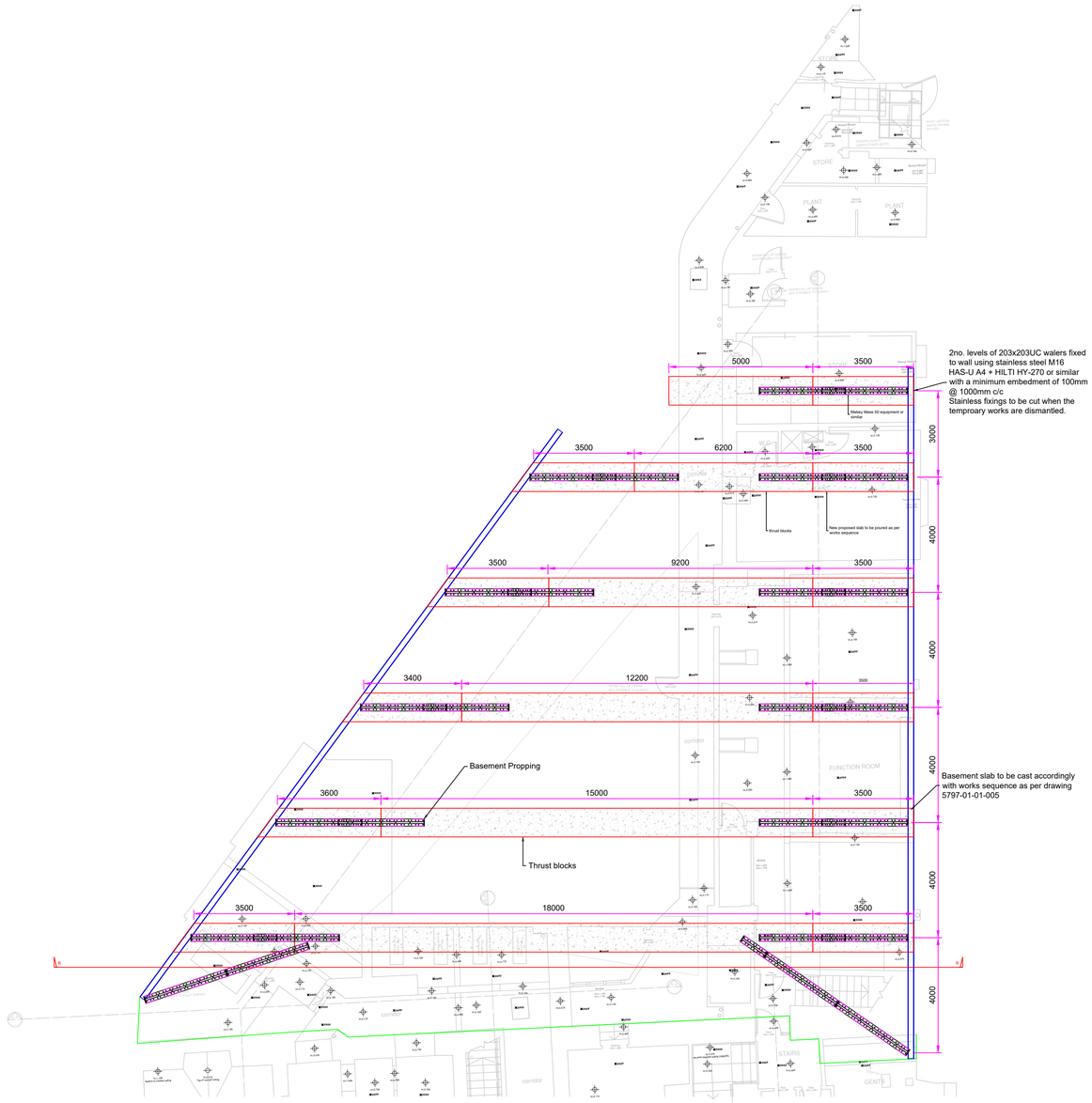


BASEMENT PROPPING
KEY PLAN
SCALE 1:100

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

1. LOCALLY EXCAVATE BELOW CURRENT BASEMENT LEVEL TO CAST THRUST BLOCKS.
2. INSTALL TOP AND BOTTOM WALERS ALONG WEST AND EAST ELEVATIONS
3. INSTALL PROPPING
4. ERECT FACADE RETENTION STRUCTURE AND UNDERPIN THE EXISTING BASEMENT WALLS
5. CAST THE NEW BASEMENT SLAB AND CANTILEVER RC STUB IN FRONT OF THE THRUST BLOCKS
6. UNDERPINNING AND CAST REMAINING BASEMENT WALLS BETWEEN THE THRUST BLOCKS
7. REMOVE BOTTOM Propping AND WALER
8. PROGRESS WITH BASEMENT WALL
9. RESTORE 1ST FLOOR STRUCTURE
10. REMOVE Propping AND FACADE RETENTION PROGRESSIVELY AS THE NEW FLOORS ARE INSTALLED AND ACHIEVE THE REQURIED STRENGHT

NOTES:
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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.

NOT FOR CONSTRUCTION

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

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PROJECT
THE GEORGE HOTEL

DRAWING TITLE
BASEMENT PROPPING
PLAN VIEW

CLIENT'S DRAWING REFERENCE

SCALE	RDG ENGINEERING DRG No.	ISSUE
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