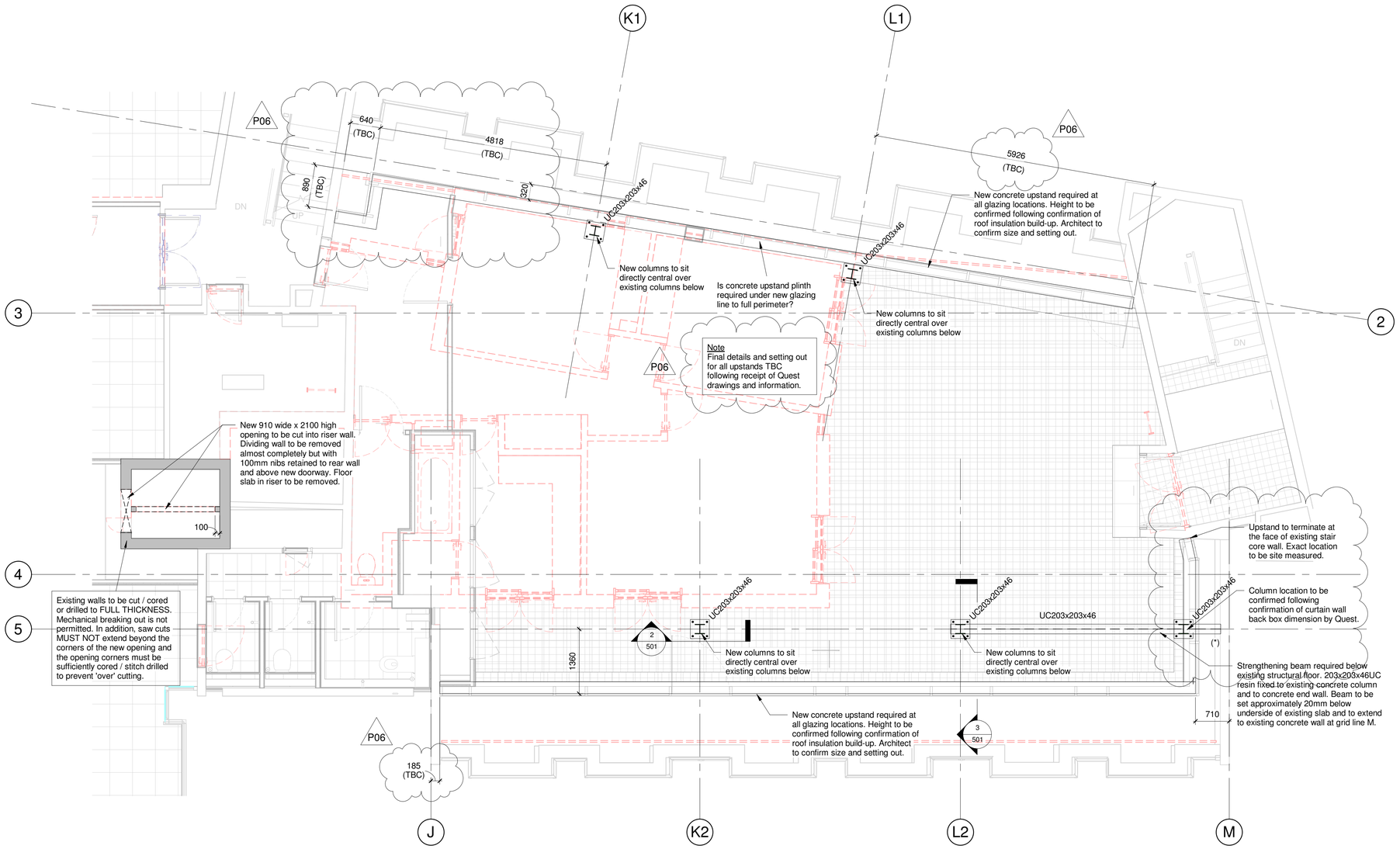


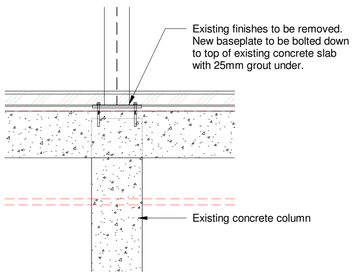
Marsden Street Block - Plan on 5th Floor

1 : 50

Note:-
ALL concrete elements where new structure is fixing into MUST be scanned for rebar locations PRIOR to drilling to ensure no damage

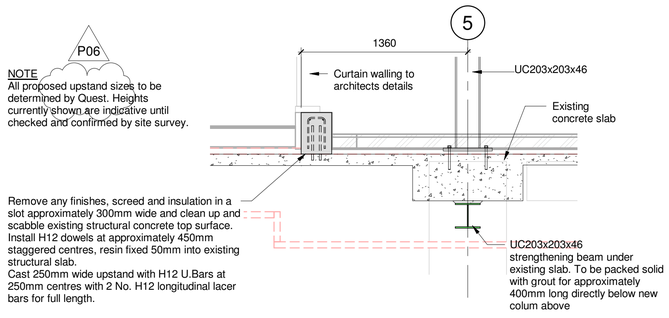
(*) Denotes new steel to be fixed to existing concrete walls (or extended wall to stairs). Allow for 4No. M20∅ HAS anchor rods with Hilti HY-200 resin into existing. Provide horizontally slotted holes in steel end plates / angles to allow tolerance in fixings to avoid clashes with rebar.

Note-
Denotes existing building walls to be removed
All dimensions marked TBC must be checked on site.



Typical Column Fixing Detail

1 : 25



Strengthening Beam and Upstand Detail

1 : 25

GENERAL NOTES

Do not scale from this drawing. If in doubt about a dimension or level shown on this drawing, please ask.

All dimensions are in millimetres and all levels are in metres unless noted otherwise.

Contractor to check all dimensions and levels and report any omissions and errors to the Engineer.

1. This drawing MUST be read in conjunction with all relevant DW Consulting drawings & specification and the latest architects drawings.
2. ALL structural steel to be grade S355 (Grade 50).
3. All structural steelwork design is in accordance with BS 5950.
4. All structural steelwork is to be blast cleaned to Sa 2.5 and shop painted one coat of Epigrip L425HS high-build 2-pack epoxy zinc phosphate primer to 75 microns dft in accordance with the specification.
5. All bolts to be grade 8.8 unless noted.
 All connections to have 2 no bolts minimum.
 All end plates 8 th'k minimum.
 All welds 6mm fw minimum.
 All tubular and box sections to be sealed.
6. The steelwork Contractor shall be wholly responsible for the design of all connections. They shall provide calculations to substantiate the connections they propose. Where typical connection details are shown, the steelwork Contractor shall satisfy themselves that they are practical for the method of fabrication and erection they propose to use, and may suggest alternatives should they wish for the Engineer's consideration.
7. For details of fire protection to structural steelwork, refer to the Architect's/Fire Consultant's specification.
8. All concrete to be grade C32/40.
9. New slab surface to be power float to minimum SR3 in accordance with BS8204-2 (Ref 6)

Rev	Description	By	Auth	Date
P06	UPDATED WS4 ISSUE	IG	CJC	08.09.22
P05	UPDATED WS4 ISSUE	IG	CJC	24.08.22
P04	EXISTING RISER DETAILS UPDATED	IG	CJC	07.07.22
P03	WS4 UPDATE	IG	CJC	06.07.22
P02	WS4 UPDATE	IG	CJC	24.06.22
P01	WS4 ISSUE	IG	CJC	15.06.22

Revisions

DW Consulting LLP
Marsland House, Marsland Road
Sale, Cheshire, M33 3AQ
Tel: 0161 969 4144
Web: www.dwllp.com

COPYRIGHT:
The concepts and the information contained in this document are the copyright of DW Consulting Engineers LLP. Use or copying of the document in whole or in part without written permission of DW Consulting Engineers LLP, constitutes an infringement of copyright.

Client: bruntwood works

Project: Pall Mall Manchester Refurbishment Works

Drawing Title: Structural Works Level 05 Marsden Street Block

Drawing Status: Preliminary

THIS DRAWING CAN ONLY BE USED FOR CONSTRUCTION PURPOSES WHEN DRAWING STATUS IS SHOWN AS 'CONSTRUCTION'. UNTIL THEN THIS DRAWING MAY ONLY BE USED FOR INFORMATION.

Project No.	Drg No.		
DW2291	PM- DWC- 05- DR- S- 501		
Scale: As indicated	Sheet Size: A1		Revision: P06
Date: APRIL 22	Drawn: RM	Checked: CJC	Auth: CJC