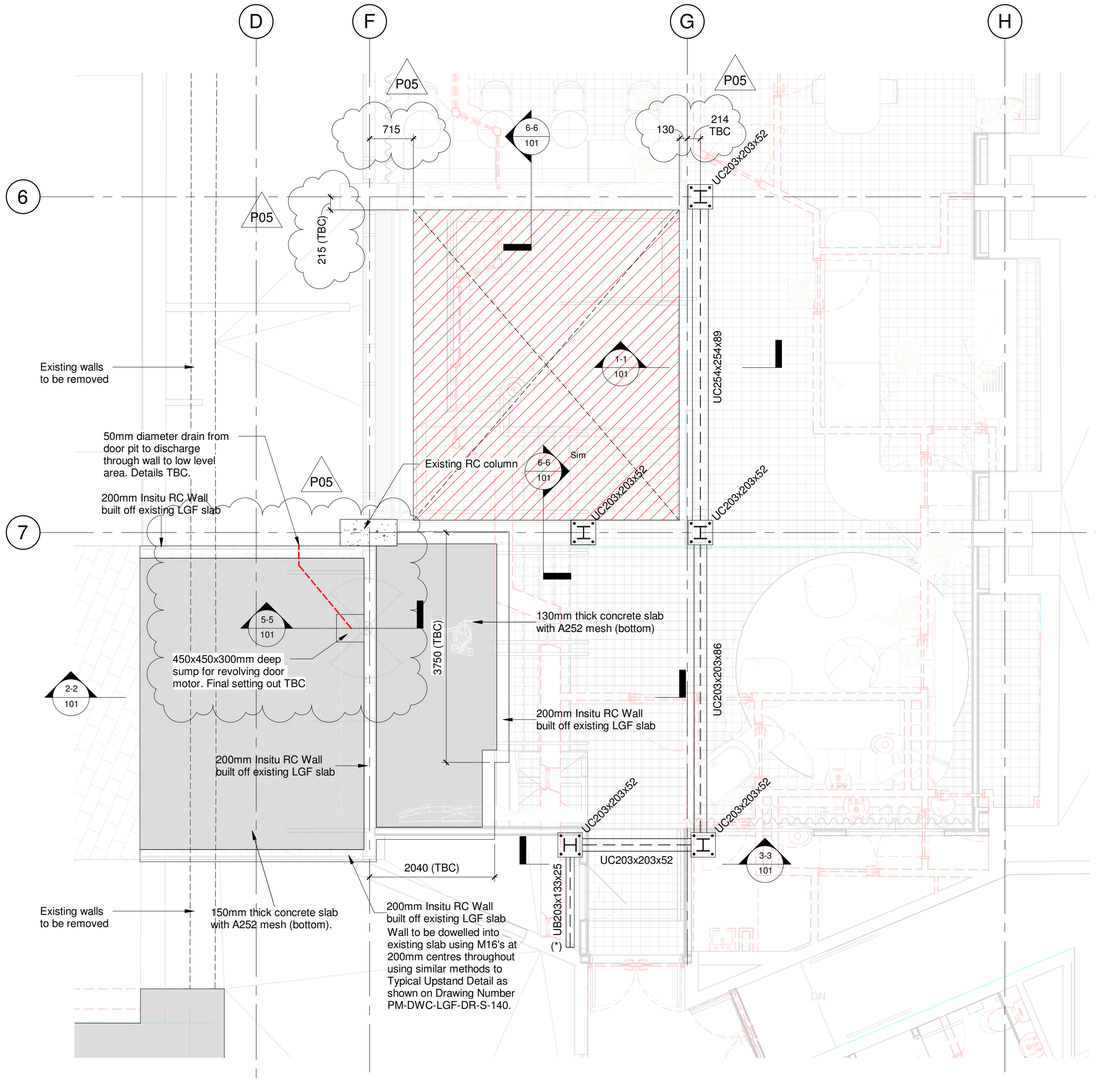


Sequence of Works

- Install piles as per details on drawing PM-DWC-B1-S-100
- Install ALL steelwork and ensure all beams are tightly packed up to existing floors where required using high strength non-shrink grout
- Once in place and fully cured, install crash deck below floors and remove floors as required

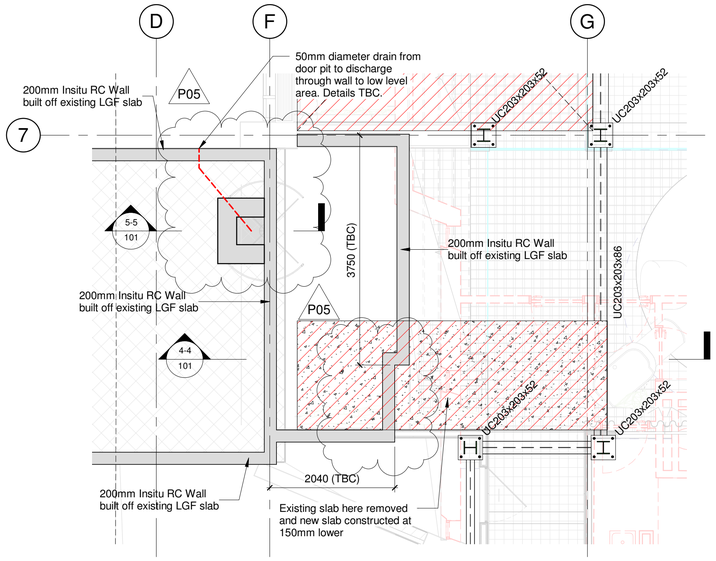
Plan on LGFL Level Indicating LGFL Level Structure to Proposed New Stair Floor Trimming

1 : 50

Denotes area of existing slab / beams / walls / cladding to be demolished.

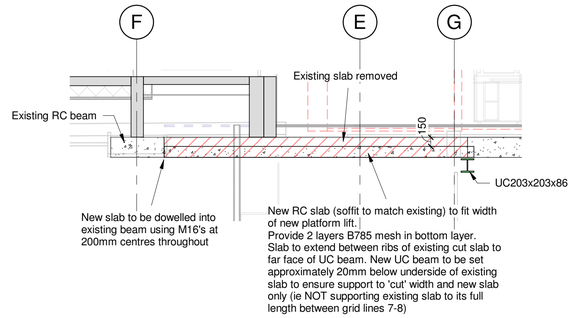
(*) Denotes new steel to be fixed to existing concrete walls (or extended wall to stairs). Allow for 4No. M20∅ HAS anchor rods with Hilti HY-200 resin into existing. Provide horizontally slotted holes in steel end plates / angles to allow tolerance in fixings to avoid clashes with rebar.

Note
All dimensions marked TBC must be checked on site.



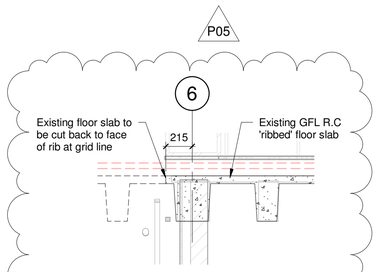
Plan on LGFL Level Indicating LGFL Level Structure to Proposed New Platform Lift

1 : 50



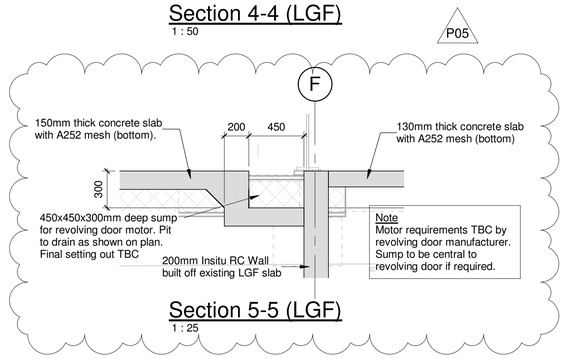
Section 4-4 (LGF)

1 : 50



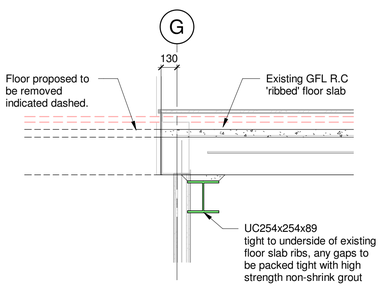
Section 6-6 (LGF)

1 : 25



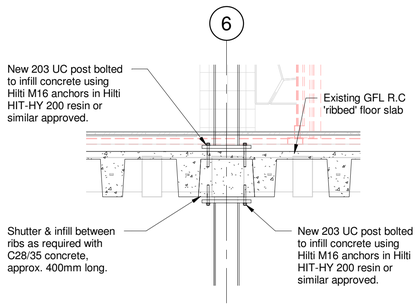
Section 5-5 (LGF)

1 : 25



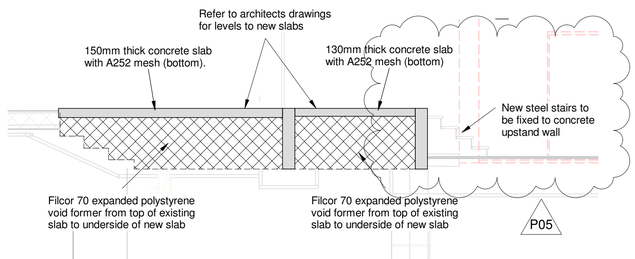
Section 1-1 (LGF)

1 : 25



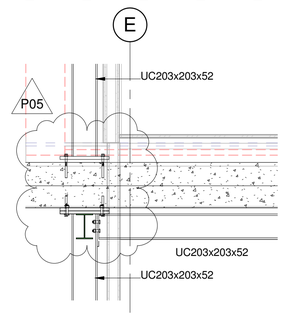
Typical Detail of New 203UC Post at Floor Junction (LGF)

1 : 25



Section 2-2 (LGF)

1 : 50



Section 3-3 (LGF)

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
P05	UPDATED WS4 ISSUE	IG	CJC	08.09.22
P04	UPDATED WS4 ISSUE	IG	CJC	24.08.22
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

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Client
bruntwood works

Project
Pall Mall Manchester
Refurbishment Works

Drawing Title
Structural Works Lower
Ground Level New Stair

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- LGF- DR- S- 101		
Scale: As indicated		Sheet Size: A1	Revision: P05
Date: APRIL 22	Drawn: RM	Checked: CJC	Auth: CJC