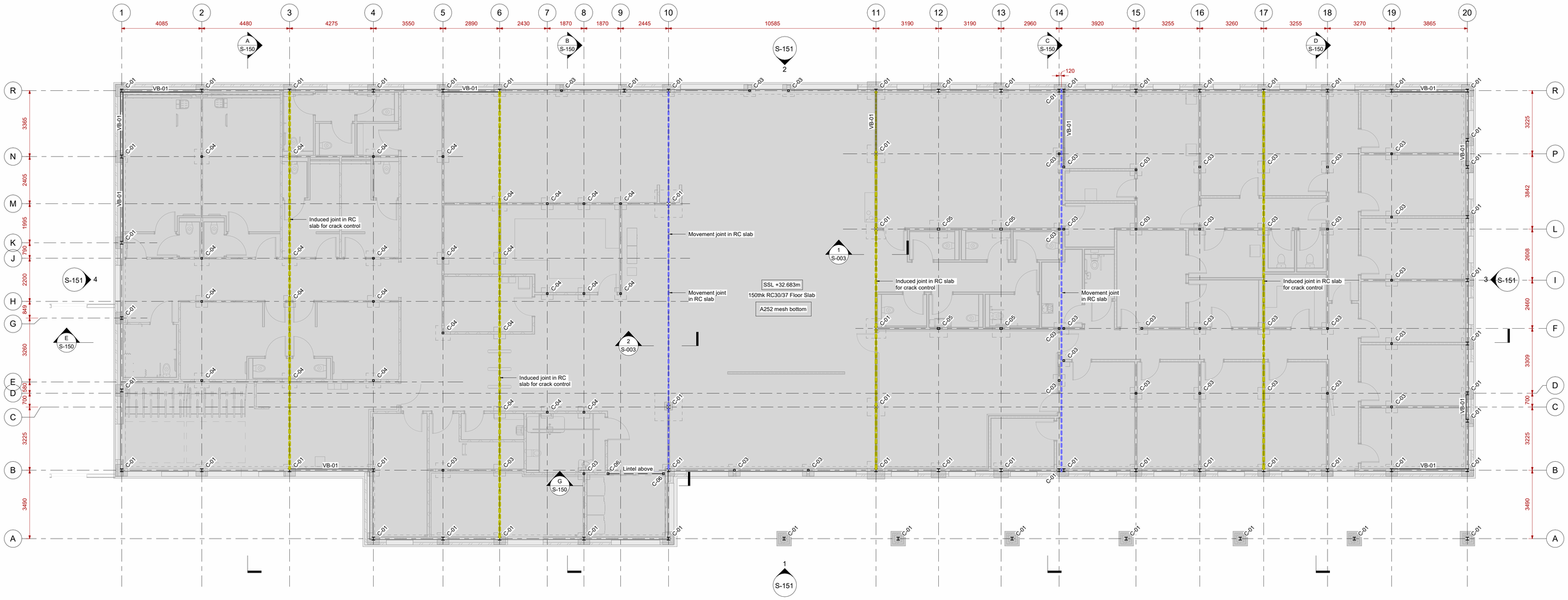


Ground Floor Structural Plan

Scale 1 : 100

SLAB NOTES:

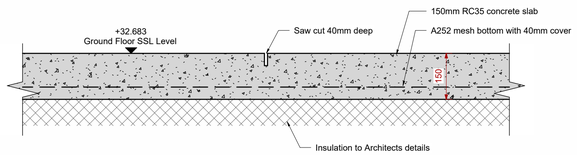
1. Slab to be ground bearing reinforced concrete slab - 150mm thk RC30/37 + A252 mesh bottom.
2. Additional min. 900mm wide A252 mesh bottom at induced joint locations.
3. Slab to be cast over insulation (to Architects details) on 50mm blinding over min. 150mm well compacted Type 1 MOT.
4. Slab to have control joints at locations shown on plan - refer to section details. Control joints to be saw cut within 12 hours of placing.

CONCRETE NOTES :

1. Refer to the ground investigation report for details of ground conditions. The engineer shall be immediately notified of any variations to the reported ground conditions.
2. The engineer is to be informed immediately if foundation depths substantially exceed the minimum depths indicated upon the drawings.
3. All obstructions, old foundations, disused sewers etc, shall be removed for the extent of the foundation works and backfilled to the approval of the engineer.
4. Prior to concreting, formation level to be inspected and approved by building control.
5. All blocks below dpc to have a minimum strength of ?n/mm² and a density of 1800 kg/m³.
6. All blinding concrete to be grade Gen 1.
7. All mass concrete to be grade Gen 3.
8. All concrete to floor slabs to be grade C35 minimum strength.
9. Any reinforced concrete to be grade C35 (uno).
10. Visqueen dpm (osa) to be laid strictly in accordance with the manufacturers instructions and lapped to dpc where applicable.
11. All compaction to be carried out in accordance with the DOT specification.

STEELWORK GENERAL NOTES:

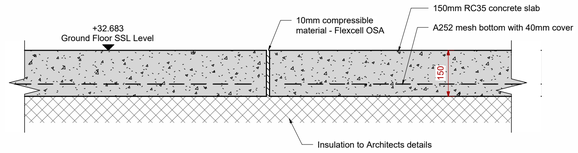
1. Steelwork contractor to produce a full set of detailed drawings for approval prior to any fabrication.
2. All structural steelwork to be grade S355 (UNO).
3. All location bolts to be Grade 8.8 and zinc plated (UNO).
4. All bolts for splice connections to be HSFG bolts.
5. Holding down bolts and baseplate to be designed and detailed by the steelwork contractor (UNO).
6. Holding down bolts and washer plates are to be supplied by the steelwork contractor (UNO).
7. All welds to be 8mm continuous fillet welds (UNO).
8. Refer to architects drawings for details of fire protection to steelwork
9. All steelwork below ground level to be encased with minimum 75mm concrete (grade as for foundations) and with D49 wrapping fabric.
10. The contractor shall not form any holes through steel members, other than those for connections, without the written approval of the engineer.
11. All wall restraining members and window trimmers to have slotted connections and counter-sunk bolt fixings. Where boundary conditions apply, fabricator to allow for design of steelwork connections and baseplates accordingly.
12. Unless otherwise noted in the project specification, protection treatment of steelwork shall be in accordance with British steels 'prevention of corrosion of structural steelwork' appropriate system. A minimum structural life of 50 years and a first major maintenance of 25 years is to be assumed.
13. All steelwork to be encased (either buried, encased in concrete below slab level or wholly or partially embedded within the external cavity walls) to be given two coats of R.I.W. 'liquid asphalt compound' on all sides that are to be encased or embedded by the main contractor.
14. All external steelwork to be hot dipped galvanised to BS 729 (1971) with a minimum of 140 microns.
15. The steelwork contractor is to ensure that any shop or site applied primers are compatible with any finishing, intumescent or R.I.W. coatings which may be applied by the main contractor.
16. Where the steelwork subcontractor deems it necessary to use steel members of a higher specification than those shown on the structural drawings - so as to facilitate connections or otherwise, then any extra cost incurred will be at their own consequence.



For joints denoted:

Section 1 Through Induced Joint for Crack Control in RC Slab

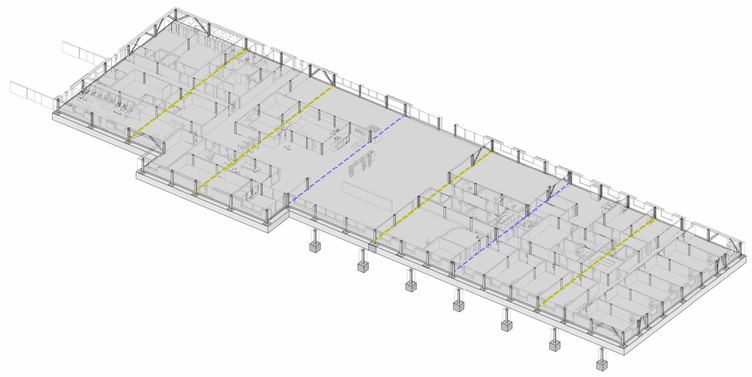
Scale 1 : 10



For joints denoted:

Section 2 Through Movement Joint in RC Slab

Scale 1 : 10



Structural Column Schedule		
Mark	Size	Comments
C-01	UC152x152x30	
C-02	UC152x152x30 Stub	Stub Column
C-03	SHS100x100x10	
C-04	SHS100x100x10 MC	Column to be filled with mass concrete
C-05	RHS150x100x8	
C-06	SHS100x100x5 Post	Lintel support post

Structural Framing Schedule		
Mark	Size	Comments
LB-01	SHS100x100x5	Lintel
RB-01	UB203x133x25	
RB-01 TP	UB203x133x25 TP	12mm Top Plate
RB-02	UB254x146x31	
RB-03	UB356x127x33	
RB-04	UB356x171x67	
RB-05	CHS114.3x6.3	Roof Horizontal Bracing
RB-06	UB254x146x43	
VB-01	150x10 Flat	Vertical Bracing

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General Notes

Do not scale from this drawing. Dimensions must be checked on site. All works to comply with current Building Regulations.
All site works must be to the current drawing revision. Drawing is copyright of Quorum Project Management Ltd.
All levels to be verified by contractor on site. Any concerns by the contractor to be raised with the engineer prior to any installation/fabrication works.
The drawing information must be read in conjunction with all relevant scheme drawings, specification and/or schedules referred to or not.
The contractor is responsible to insure that all work is in compliance with current Building Regulations and or other relevant legislation.
Dimensions on this drawing are not to be used for construction purposes.

Rev.	Date	Description
T04		COLUMN AT GRID R-9 MOVED.
T03	04/11/2025	STAGE 4 UPDATES
T02	15/10/2025	STAGE 4 UPDATES
T01	08/09/2025	ISSUED FOR STAGE 4

Drawing: GROUND FLOOR STRUCTURAL PLAN
Project: WYTHENSHAWE PARK SPORTS HUB, MANCHESTER, M23 0BD

Project No.	PM2419-25	Drawing No.	QPM-DR-S-003
Rev.	T04		
Scale	NOTED@A1	Drawn by	MB
Date	JUN 2025	Chkd by	DS
Status	STAGE 4		

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