



ALL STEELWORK 356UB & ABOVE TO BE GRD355

SERVICE HOLES WITHIN STEELWORK POSITION TBC

ALL WALLS FROM GROUND FLOOR LEVEL TO
TIMBER FRAME SPECIALIST DESIGN/DETAILS

INDICATES SPAN OF MD50-V2 COMPOSITE
DOUBLE SPANNING METAL DECK FLOORING
INSTALLED IN ACCORDANCE WITH MANUFACTURERS
DETAILS WITH 150mm THICK RC35 SLAB REINFORCED
WITH A193 MESH TOP WITH MIN. 60mm COVER

ALL SECONDARY BEAMS TO HAVE
1NO. STUD PER TROUGH

ALL BEAMS WHICH SPAN PARALLEL TO MD
TO HAVE 1NO. STUD AT 200mm CTRS

ALL PERIMETER BEAMS TO HAVE
1NO. STUD AT 600mm CTRS

1000mm LONG H10 ANTI-CRACK CORNER
BARS TIED TO MESH IN SLAB TYPICAL TO
ALL SLAB CORNER POSITIONS

REFER TO ARCHITECTS DETAILS FOR ALL
SLAB PENETRATION LOCATIONS

- | | | | | | |
|---|--------------|-------|-------|---------|-------|
| 1 | 500X200X30mm | THICK | STEEL | BEARING | PLATE |
| 2 | 500X200X35mm | THICK | STEEL | BEARING | PLATE |
| 3 | 500X300X35mm | THICK | STEEL | BEARING | PLATE |
| 4 | 500X300X40mm | THICK | STEEL | BEARING | PLATE |
| 5 | 800X200X35mm | THICK | STEEL | BEARING | PLATE |
| 6 | 500X200X40mm | THICK | STEEL | BEARING | PLATE |
| 7 | 500X300X30mm | THICK | STEEL | BEARING | PLATE |

NOTES:

1 REFER TO DWG NO. 2500/03 FOR METALDECK NOTES.

STEELWORK NOTES:

1 This drawing to be read in conjunction with all relevant Architect's, Engineer's and specialist's drawings and specifications.

2 Steelwork contractor to check & obtain all working dimensions from site.

3 Fire rating & protection to steelwork to be determined by Client/Architect/Fire Officer.

4 Steelwork to be in accordance with National structural steelwork specification for building construction (current edition)

5 All steelwork to be shot blasted to SA 2½ & primed with 1 coat high build zinc phosphate (DFT 100 microns)

6 At wall locations ends of steel beams buried in masonry to be painted with 2 coats of bituminous paint.

7 After erection any damaged areas to be touched up with high build zinc phosphate.

8 Fabrication drawings to be submitted for comments prior to fabrication.

9 Steelwork to be mild steel grade S275/355 to BS EN 10025. Unless noted otherwise.

10 Welds to be 6mm fillet welds unless noted otherwise on the drawing, all welding to be in accordance with BS EN 1011-1.

11 Connections not detailed on the drawing are to be designed by the Steelwork Contractor in accordance with BS5950.

12 Connections to comprise of minimum 4No M20 bolts GRD 8.8

13 All steelwork to have minimum end bearing of 100mm.

14 All steelwork below ground to be encased in 100mm min. concrete.

J	26.04.23	REVISED BEAM ADJACENT GLG1	S.P.M.
H	20.04.23	ADDED BEAM FROM RHS POST ADJACENT TO LIFT ADDED TRIMMING STEEL TO CRANE VOID REVISED CORE AREA TO SUIT ARCH/LIFT SUPPLIERS LATEST DETAILS ADDED ADDITIONAL STAIRWELL & REVISED ADJACENT BEAMS REVISED POSITION OF GL4 & RETAINING WALL REVISED POSITION OF UC TO REAR OF LIFT REVISED BEAM SIZES:GL5&GLF	S.P.M.
G	27.02.23	REVISED BEARING PLATE ON 254UB ADJACENT GLG4 TO TYPE 3	S.P.M.
F	23.02.23	REVISED BEAM ADJACENT TO GL5	S.P.M.
E	22.02.23	ADDED BEARING PLATE SIZES REVISED BEAM TO REAR OF LIFT ADDED RHS POST TO UC STAIR SUPPORT	S.P.M.
D	06.02.23	REVISED BEAM SET OUT TO REAR OF LIFT	S.P.M.
C	01.02.23	ADDED FLOOR DETAILS & STEELWORK TO REAR OF LIFT	S.P.M.
B	20.01.23	REVISED SETTING OUT TO CONCRETE PIERS ADDED BEARING PLATE SIZES	S.P.M.
A	13.01.23	CONSTRUCTION ISSUE	S.P.M.
P3	23.12.22	REVISED INTERMEDIATE BEAM SETTING OUT REVISED BEAM SIZES REVISED SET OUT BETWEEN GL2-3	S.P.M.
P2	13.12.22	DRAWING UPDATED	S.P.M.
P1	08.11.22	PRELIMINARY ISSUE	S.P.M.
rev	date	revisions	initials

client
CHALLENGER GROUP

project

GREENWOOD ROAD
WYTHENSHAW

drawing

PODIUM LAYOUT
& DETAILS

	Philip Wright Associates Consulting Structural Engineer		
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drawn	S.P.M.	date	08.11.22
scale	1:100	checked	
contract no.		drawing no.	08 J