

FOSTER  
STRUCTURES

General Notes:

This drawing is to be read in conjunction with all architect's information and client requirements. Refer to drawing 500 for general structural notes.

1. Indicative outline of C1 column to underside of support beam over. Column fabricated with 15mm thick, 275mm square baseplate sat on min. 35mm high strength grout bed on 325mm square RC plinth as shown on details. Refer to drawing 2000 for all reinforcement information to plinth.

2. Indicative outline of 150mm thick RC perimeter upstand forming support plinth for bottom rail of SFS loadbearing inner skin to external perimeter walls. Refer to drawing 2000 for all reinforcement information to upstand.

3. Indicative dashed outline of perimeter site boundary.

4. Indicative outline of C2 column to underside of support beam over. Column fabricated with 15mm thick, 400mm square baseplate sat on min. 35mm high strength grout bed on 500mm square RC plinth as shown on details. Refer to drawing 2000 for all reinforcement information to plinth.

5. Indicative outline of C3 twin column to underside of support beam over with each column sat within independent SFS wall build-up to party wall. Column fabricated with 15mm thick, 325mm square baseplate sat on min. 35mm high strength grout bed on 400mm square RC plinth as shown on details. Refer to drawing 2000 for all reinforcement information to plinth.

6. Indicative outline of C4 column to underside of bottom chord of storey height truss over with columns sat within SFS wall build-up to party wall. Column fabricated with 20mm thick, 500mm x 300mm baseplate sat on min. 35mm high strength grout bed on 500mm x 600mm long RC plinth as shown on details. Refer to drawing 2000 for all reinforcement information to plinth.

7. Indicative outline (in black) of external perimeter wall build-up - refer to architect's drawings for all information and build-ups. Inner loadbearing SFS skin built-up off head of RC perimeter plinth upstand as shown on details.

8. Indicative outline (in black) of internal separating party wall build-up - refer to architect's drawings for all information and build-ups. Inner loadbearing separate SFS skins to each face of party wall built-up off head of RC party wall plinth upstand as shown on details.

9. Indicative outline of 250mm wide RC internal upstand forming support plinth for bottom rail of SFS loadbearing inner skins to internal party wall. Refer to drawing 2000 for all reinforcement information to upstand.

10. Indicative dashed outline showing profile of low level typically 140mm wide 7N/mm<sup>2</sup> loadbearing blockwork dwarf wall below supporting underside of precast concrete beam and block ground floor build-up.

11. Indicative extent and span direction of nominally 155mm deep precast concrete suspended beam and block floor build-up spanning onto head of loadbearing blockwork dwarf walls below. Precast beam and block floor all to design of specialist supplier/subcontractor in accordance with spans and loading shown.

12. Indicative dotted outline showing doubled-up precast beam supporting internal SFS stub wall supporting first floor stair trimmer over. SFS supplier to confirm stair stub wall loads to allow beam and block floor supplier to confirm precast beam requirements.

13. Indicative outline of internal non-loadbearing lightweight stud partitions built up off head of new precast concrete suspended beam and block floor build-up.

14. Indicative dotted outline showing profile of cantilevered first floor of building over.

15. Indicative extent of new typically 125mm thick RC loadbearing ground bearing slab cast on min. 125mm thick layer of well compacted hardcore to form support slab to new external bin store. External edge of ground bearing slab to have 250mm thick edge thickening along external edge.

16. Indicative extent of new perimeter reinforced concrete retaining wall along change in level. New retaining wall to support new Stepoc block pier and infill blockwork boundary wall as shown on details.

17. Indicative extent of new perimeter reinforced concrete retaining wall along change in level. New retaining wall to support assumed face fixed perimeter balustrade as shown on details.

| Beam Schedule |                                                                               |       |
|---------------|-------------------------------------------------------------------------------|-------|
| Ref           | Size                                                                          | Grade |
| B1            | 300 x 100 x 46 PFC                                                            | S355  |
| B2            | 300 x 100 x 46 PFC                                                            | S355  |
| B3            | B3A: 300 x 100 x 46 PFC<br>B3B: 300 x 100 x 46 PFC<br>(one beam per SFS zone) | S355  |
| B4            | 230 x 90 x 32 PFC                                                             | S355  |
| B5            | 203 x 102 x 23 UB                                                             | S275  |

| Column Schedule |                                                      |       |
|-----------------|------------------------------------------------------|-------|
| Ref             | Size                                                 | Grade |
| C1              | 100 x 100 x 8.0 SHS                                  | S355  |
| C2              | 273 x 10 CHS                                         | S355  |
| C3              | 2 no. 100 x 100 x 5 SHS<br>(one column per SFS zone) | S355  |
| C4              | 2 no. 200 x 100 x 10 RHS                             | S355  |

| Truss Schedule                                                                                                                                                      |                                                        |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------|
| Ref                                                                                                                                                                 | Size                                                   | Grade |
| T1                                                                                                                                                                  | Top and bottom chords from:<br>250 x 100 x 8 RHS       | S355  |
|                                                                                                                                                                     | Vertical and diagonal braces:<br>100 x 100 x 6.3/8 SHS | S355  |
| Refer to drawing 646/5000 for all truss member sizes and member axial loads. All connections to be to design of steelwork sub-contractor for loadings as indicated. |                                                        |       |

|          |                |
|----------|----------------|
| Project: | Goldsmith Mews |
| Job No:  | 646            |

|                |                   |
|----------------|-------------------|
| Drawing Title: | Ground Floor Plan |
| Drawing No:    | 646/200           |
| Date:          | 31.08.22          |
| Revision:      | B                 |
| Scale:         | 1:50 @ A1         |

General Notes:

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A: 31.10.22 - Redrawn & renumbered  
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