

1 GROUND FLOOR PLAN WITH STRUCTURE OVER
Scale: 1:50

GENERAL NOTES:

- Construction to be undertaken by a competent building contractor used to undertaking this form of building works, of this complexity, in accordance with good building practice and methods of construction.
- The main contractor is responsible for maintaining temporary stability during all stages of the construction works, including the design of temporary works.
- The overall stability of the structure in the permanent condition relies upon the interaction of all elements.
- Please contact the Engineer prior to work commencement for any discrepancies or omissions.
- Do not scale any drawings, all dimensions to be measured on site and setting out to Architect's Drawings.

STEEL BEAMS NOTES

- Steelwork to be to the requirements of BS EN 1993-1-1.
- All steelwork to be Grade S355 JR in accordance with BS EN 10025-2 unless noted otherwise.
- All structural hollow section steelwork to be Grade S355 J2H in accordance with BS EN 10210 unless noted otherwise.
- All bolts to be Grade 8.8 to BS 4190 unless noted otherwise.
- All structural welds to be a minimum of 6mm fillet welds to BS EN ISO 2560.
- Bolts to be Bright Zinc Plated (BZP) in accordance with BS EN ISO4042. All nuts to be Bright Zinc Plated nuts.
- Steelwork paint system to be specified by the fabricator to EN ISO 12944:1998 to achieve an appropriate level of protection to EN ISO 12944 Part 2 Table 1.
- On completion of erection all steelwork with damaged areas of paintwork are to be touched up with zinc rich paint.
- All columns below FFL are to be encased in a minimum of 100mm of concrete.
- All steelwork within cavity to be painted with 2 coats of R.I.W. bituminous paint.
- All steelwork lengths to be measured and confirmed on site.
- To comply with CE Marking all steelwork are to be fabricated in accordance with 5th Edition, CE Marking Version - National Structural Steelwork Specification for Building Construction.
- Steelwork Execution Class;

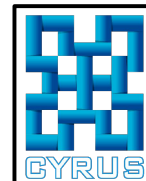
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|---------------------|------|
| Consequence Class | CC1 |
| Service Category | SC1 |
| Production Category | PC1 |
| Execution Class | EXC2 |
- All bolts to be BS3692, grade 8.8 galvanised/shearidised
- All bolt holes to be bolt diameter +2mm
- Internal steelwork to receive epoxy zinc phosphite primer, dry film thickness 80microns.
- Fire protection to Architects Details.
- All steel beams used in pairs to be bolted together.

BEARINGS

- Padstone references as follows;
- P1. Bear min. 215mm unto 600x25x215mm S275 spreader plate.

MASONRY

- All masonry to be to the requirements of BS EN 1996.
- External masonry specification to Architects details.
- Blockwork to be to BS EN 771-3/4, minimum compressive strength 7.3N/mm² unless noted otherwise.
- Brickwork to be to BS EN 771-1, HD type, solid or frogged.
- Mortar to all walls to be Class M4 (1:1.5:6 mix) to BS EN 998-2 unless noted otherwise.
- Blocks to be less than 20kg each unless special manual handling measures are undertaken.
- Cavity wall ties to be proprietary stainless steel, in accordance with BS5628-1:2005 and BS EN 845-1, unless noted otherwise.
- Wall tie spacing generally to be at centres not exceeding 450mm vertically and 900mm horizontally, to provide a minimum tie density of 2.5 ties/m². Tie spacing to be reduced to a maximum of 300mm vertically at openings and unbounded edges, with ties a maximum of 225mm horizontally from opening/edge.
- Movement joints to be provided at maximum 6m centres for blockwork walls and 12m centres for brickwork walls. Positions of movement joints to be agreed with Architect.



Web:
www.cyrusstructures.com
Email:
info@cyrusstructures.com

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| Site Address | 2 Percy Street, London | | |
| Drawing Title | PLANS WITH STRUCTURE OVER & DETAILS | | |
| Project No. | M00310 | Drawing No.: M00310-200-01 | |
| Date: 07.04.20 | Drawn By: BFM | Checked By: GM | Scale @ A3 |
| Drawing Status | PRELIMINARY | | |