

- Engineers, Architects and Specialists drawings and This Drawing to be read in conjunction with all other
- No dimensions are to be scaled from this drawing.
- No deviation may be made from the details shown on this
- drawing without prior agreement of the Engineers.
- Any discrepancy between this drawing and any other
- document should be referred immediately to the Engineer. This drawing to be read in conjunction with all relevant

All structural steelwork is to be grade S275 (Grade 45).

Any connection shall be made using a minimum of $4\,M16$ bolts or as All structural steelwork to achieve a 30 minutes fire protection.

specified on the drawings and details.

primed with zinc phosphate to a minimum dry film thickness of 80 microns before delivery to site, in accordance with BS 5493.1977 coating during construction shall be spot primed prior to final Code of Practice for Protected Coating of Iron and Steel Structures against Corrosion. Following installation the steelworks shall be Sa 2.5 or equivalent to remove all loose rust and mill scale and cleaned and prepared and any damage caused to the protective All structural steelworks shall be shot blasted to Swedish standard

be painted with $3\cos$ sof RIW or similar approved bitumastic paint. Steelwork built into masonry walls or in contact with masonry shall

structural grade concrete wrapped in D49 mesh. All steelwork below ground to be encased in minimum 75mm

The concrete used shall be as follows:

concrete strip footings and pad foundations: Crushing strength: 25 N/mm2

Minimum Cement Content: 280 kg/m3 Maximum Water Cement ratio: 0.55

Maximum aggregate size: 20mm

Blockwork to consist of medium dense concrete blocks with a minimum compressive strength of $7\mathrm{N/mm}2$ with a 1.1.6 mortars

1:1:6 (cement: lime: sand) above DPC level. Mortars shall be as follows 1:3 (cement: sand) below DPC level and

New brickwork shall have a minimum crushing strength of

Mortars shall be as follows 1:3 (cement: sand) below DPC level and 1:1:6 (cement: lime: sand) above DPC level.

of the Building Inspectors and Engineers. Foundations shall be taken to a firm bearing strata to the satisfaction



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