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notes

DO NOT SCALE FROM THIS DRAWING

General

All drawings are to read in conjunction with the relevant architect's and engineer's drawings.
The contractor is to be responsible for adequately propping the structure in the temporary condition throughout the works

Concrete

All concrete is to be in accordance with BS 8110 with a maximum aggregate size of 20mm. Sulphate resisting cement is to be used in all concrete below ground level.

Concrete grades are to be:	Foundations	Grade 30
	Ground Slab	Grade 35

Hardcore is to be granular and free from degradable material and is to be placed and compacted in layers not exceeding 200mm thickness.

Masonry Walls

Bricks are to have the following characteristics: Frost resistance class F to BS 3921 and
Soluble salt content class L to BS 3921
Brickwork above ground level is to have a minimum compressive strength of 20N/mm2
Brickwork below dpc is to be in class B engineering bricks.

Blocks are to have a minimum compressive strength of 3.5N/mm2.

Mortar in masonry walls is to be 1:1:6 cement:lime:sand mix above dpc and 1:3 cement:sand mix below dpc. Mortar in cappings, copings and sills is to be a 1:1/4:3 cement:lime:sand mix

All cavity wall ties in external walls are to be stainless steel double triangular type with 4mm diameter to BS 1243. Spacing is to be 900mm horizontally and 450mm vertically and staggered.
At reveals and expansion joints cavity wall ties are to be at 225mm vertical centres and 225mm from the reveal or joint.

Timber

All timber is to be grade C16 (SC3) unless otherwise noted and to be double vacuum treated or tanalised. Sawn ends are to be treated with a compatible preservative.
All joist hangers are to be galvanised steel with a minimum thickness of 2.5mm.
Joists are to be doubled up under baths.
For joists spanning greater than 2.5m solid blocking is to be installed in accordance with the Building Regulations.
Provide solid strutting under all partitions running at right angles to the joists supporting them.
All doubled up joists are to be bolted together at 500mm centres using 12mm bolts and washers.
Solid blocking is to be installed where joists are notched into steel beams or supported on joist hangers.
Notching and drilling of joists is to be in accordance with NHBC Standards clauses 6.6- 59

Steel

Structural steelwork is to be Grade S275 J2 in accordance with BS EN 10025. Fabrication is to comply with BS 5959.
All internal steel is to be blast cleaned and painted with two coats of zinc phosphate primer. The minimum total dry film thickness is to be 75 microns.
Lifting chains and cables use during erection are to have protecting shrouds to prevent damage to the paint.
Scratched paintwork and all bolts are to be touched-up after erection.
The steelwork sub-contractor is to check all dimensions on site prior to fabrication of steelwork.

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Project: AMPTON ST & FREDERICK ST WC1

Title: DRAWING NOTES

Date: FEB 2013

Scale: —

Drawing No.: SK00