Strip Footing, C28/35 Concrete

B283 Structural Mesh

SECTION 'A-A'

(SCALE 1:20 @ A3)

SECTION 'B-B'

(SCALE 1:20 @ A3)

GENERAL NOTES FOR FOUNDATION DETAILS

CONCRETE TRENCH FOUNDATIONS
All Concrete work in accordance with BS EN 1992-1-1:2004, and a designed mix in accordance with BS 8500, The Concrete to comply in all respects to BS8500-2:2006+A1:2012 and is to be normal weight Class **C28/35**. Minimum Cement Content 300Kg/m³ (CEM1) in accordance with BS EN 206-1. Maximum Nominal aggregate size 20mm in accordance with BS EN 12620:2013. Maximum Free Water/Cement Ratio 0.60. Mix to be in accordance with BS 8500-1:2006 to meet exposure condition XC2, Consistence Class S3 and Chloride Class CL 0,40.

GROUND BEARING PRESSURE
The foundations are to be taken down to suitable ground with a Safe Bearing Capacity > 75kN/m². Founding strata likely to be sands and gravels.Assumed bearing capacity to be confirmed on site by Building Inspector.

REINFORCEMENT
Minimum lap to all mesh to be 400mm.
All reinforcing bars were High Yield Steel (Fy=500N/mm²) to BS 4483 and BS 4449.

B283 Structural Mesh placed at bottom of strip footing as detailed. Orientation-main bars running parallel with footing length.

Minimum cover to all reinforcement = 50mm

Top layer of mesh stopped 50mm short either side of any movement joints.

PLAN VIEW

Classification
CONTROLLED

Do not scale
Use only written dimensions. All dimensions must be verified prior to the works being put into hand and any discrepancies reported to the originator

HEALTH & SAFETY INFORMATION
(Refer to Pre-Tender CDM Documentation)

NOTES:-
(1) This drawing is to be read in conjunction with all Architects and Engineers drawings.
907310SP PRO 09
907310-C-D100
(2) Geological information indicates sands and gravels. All excavations to be battered back to a suitable angle of repose.
(3) The Contractor is to visit the site and take into account all site conditions that affect his Tender.
(4) The Contractor is to provide a method statement for all works to the Engineer for Approval.

Rev.	Details of Revision	Date	Initial

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UPRN Number

Drawing Number: 907310-C-D101
Revision:

Title
Structural Details-Sections
Foundation Design
Proposed Extension

Scale	Drawn	Checked
1:50	ML	KC
Original Size	Date	Date
A3	2/11/16	8.12.2016

Status: CONSTRUCTION

INVESTOR IN PEOPLE

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