

Reinforced Concrete Notes.

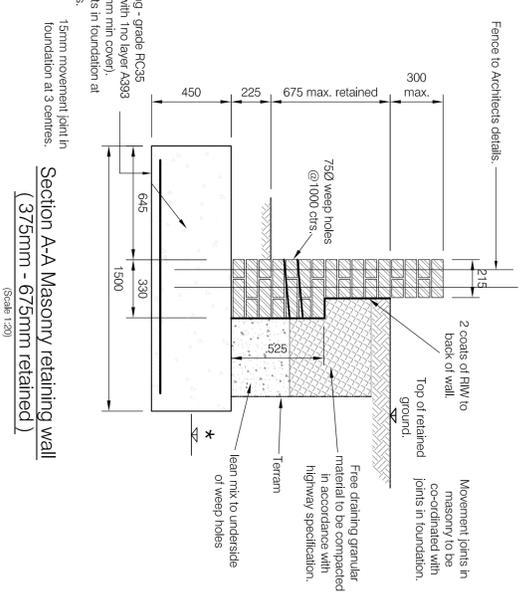
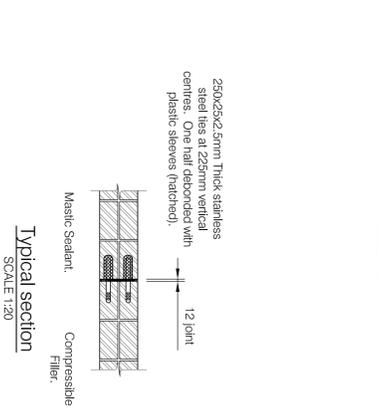
- The base Specification for concrete shall be BS 8110 Structural Use of Concrete.
 - The following concrete mixes are to be used (in accordance with BS8900) :-
 - The surface finish to concrete faces shall be as follows:-
- | Location | Face | Finish |
|----------|------|----------------------|
| All | All | Tesco specification. |
- Location
 - Mix Reference
 - Details
- | Location | Mix Reference | Details |
|--|---------------|---------|
| Reinforced strip foundations. | FC 28/35 | |
| Reinforced concrete elements of structure. | FC 28/35 | |
| Reinforced concrete slabs. | FC 40/50 | |
- All dimensions are in millimetres unless otherwise stated.
 - The BSP Hazard Identification and Risk Assessment information for this project must be reviewed and understood by the contractor PRIOR to commencement of any works on site.
 - All foundations taken to a required bearing pressure of 200kN/m².
 - Final depth of foundations to be confirmed pending phase 2 investigation of site.

Structural Masonry Notes.

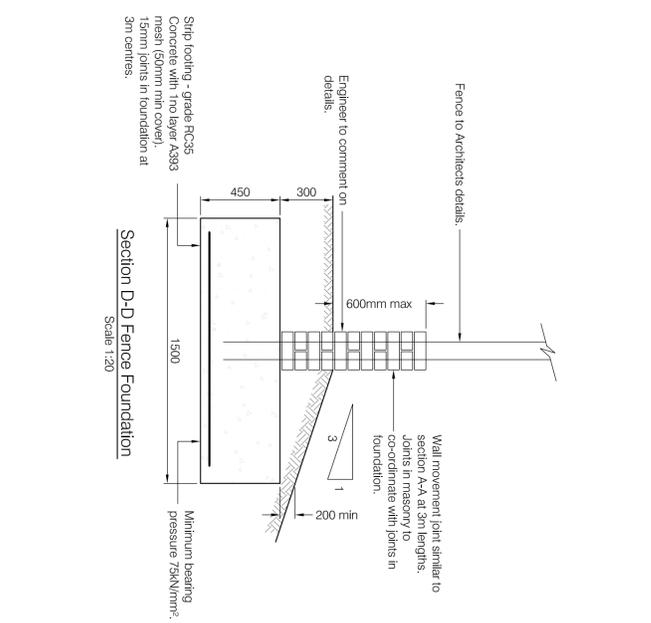
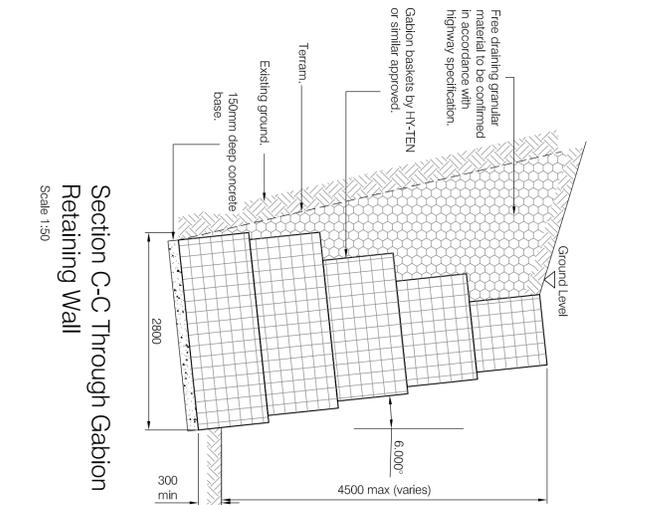
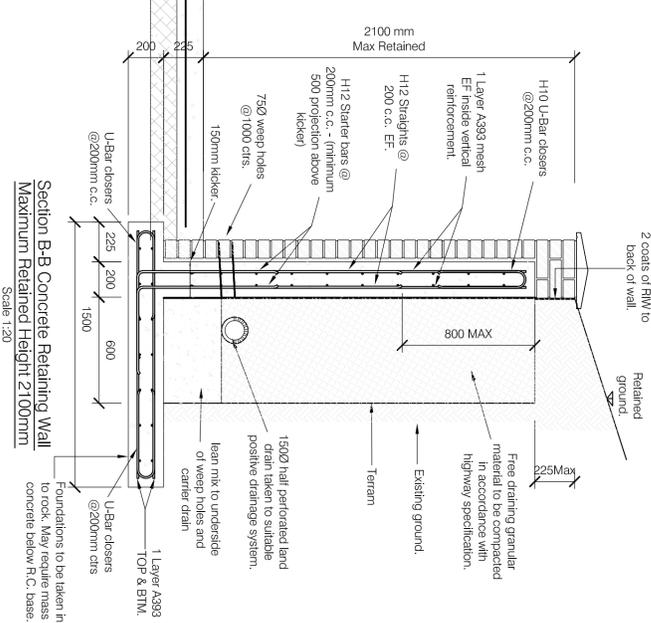
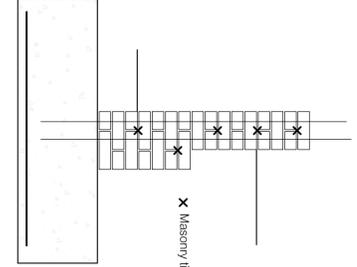
- The base Specification for Structural Masonry shall be BS5628 Codes of Practice for Use of Masonry. In addition, reference shall be made to the Architects masonry specification and associated drawings.
- All wall ties, regardless of position, shall be stainless steel in accordance with BS5724 & DDU 40. Flat or other ties with strip edges shall not be used.
- The spacing, location and type of cavity wall ties shall be in accordance with BS5628.
- All movement joints shall be reflected in the applied finishes.
- Appropriate certification must be provided to the Engineer for all masonry units and mortar prior to the commencement of work on site.
- Mortar cotes shall be prepared and crushed at intervals as outlined in the Specification. The results of such tests shall be compared against Table 1 of BS 5628 for acceptance.
- Unless otherwise noted, the minimum crushing strength of blockwork units shall be 7.0 N/mm². Masonry blocks shall be solid & weigh less than 20kg/unit.
- Mortar classifications as defined in Table 1 of BS 5628: Part 1 to be used in the construction are as follows:-
 Above DPC - Mortar designation class (M)
 Below DPC - Mortar designation class (M)
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- Unless otherwise specified, the minimum embedment of wall ties shall be 50mm.
- Wall ties to be located at 900mm horizontal and 450mm vertical centres.

- All walls are to be constructed using 28N Blockwork and Class II mortar. All brickwork to be fully bonded throughout using bonding between leads every 2nd course in accordance with BS: 5628 Part 3:2001
 - (NOTE BLOCKWORK IS NOT ACCEPTABLE)
 - Retarded mortars must NOT be used. The composition of backfill material shall be carried out using plant lighter than specified using a portable vibrating tamper. Mortar shall be laid within 3m of the back of the wall.
 - * Depth of strip footing given is the minimum depth assuming a ground bearing pressure > 75kN/m² and no influence of trees. If trees are present on the ground, the Engineer shall be notified. Pressure < 75kN/m² DO NOT use this wall.
- The retained height shown is the maximum if the retained height is greater than shown even in the temporary case the Engineer is to be informed IMMEDIATELY.

Expansion Joint to be Formed Every 3m Maximum.



Suggested positions for masonry ties



Drawn By	Checked	Scale
DH	CH	1:20

Project	Approved	Date
CH	CH	Aug 2010

Drawing Number	Revision
10086-302	D

Client
LITTON PROPERTIES LIMITED

Project Title
Proposed Development
At Market Street /
Wombwell Road, Hoyland

Proposed Retaining Wall Sections

Client
TENDER

Project
12 Oxford Street, NG1 5BG
Tel: 0115 8402277 - Fax: 01151 8402228
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Also offices in Derby and Leicester

Drawings Status
TENDER

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