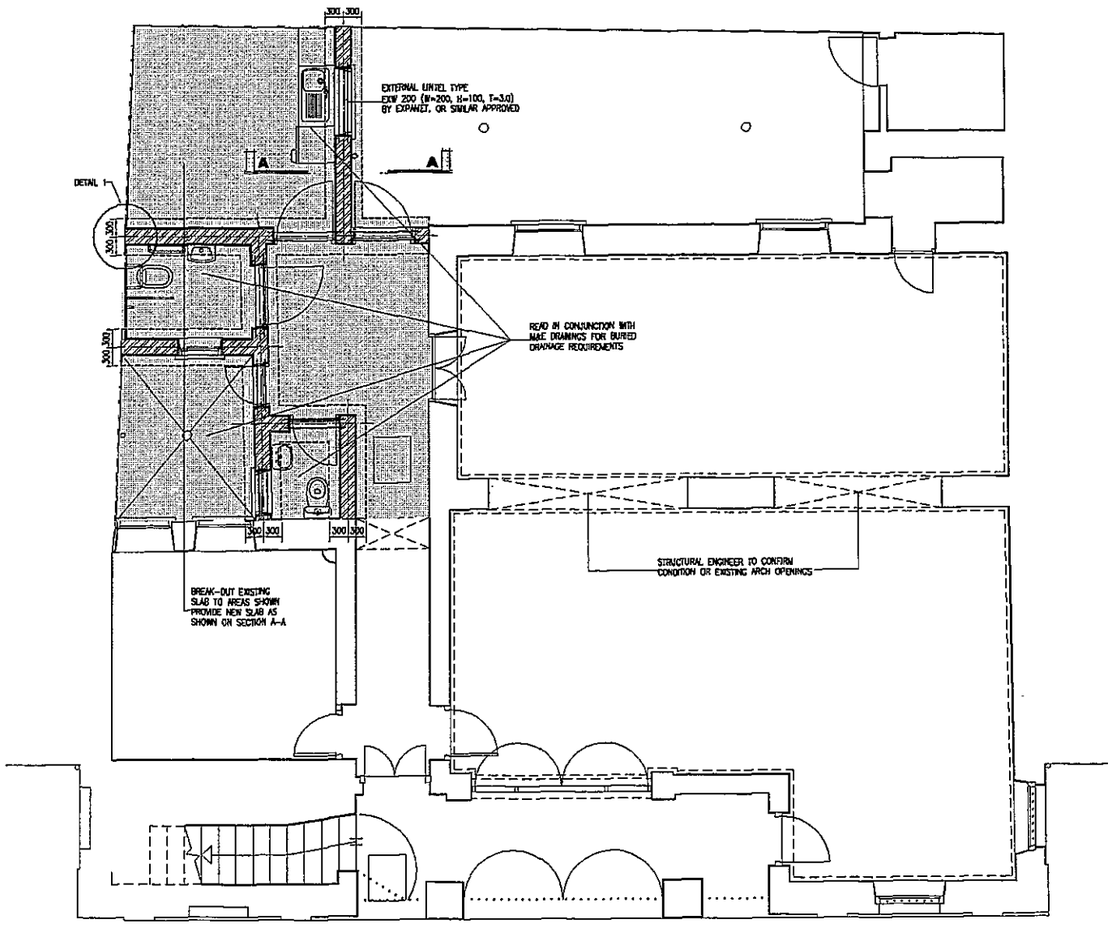
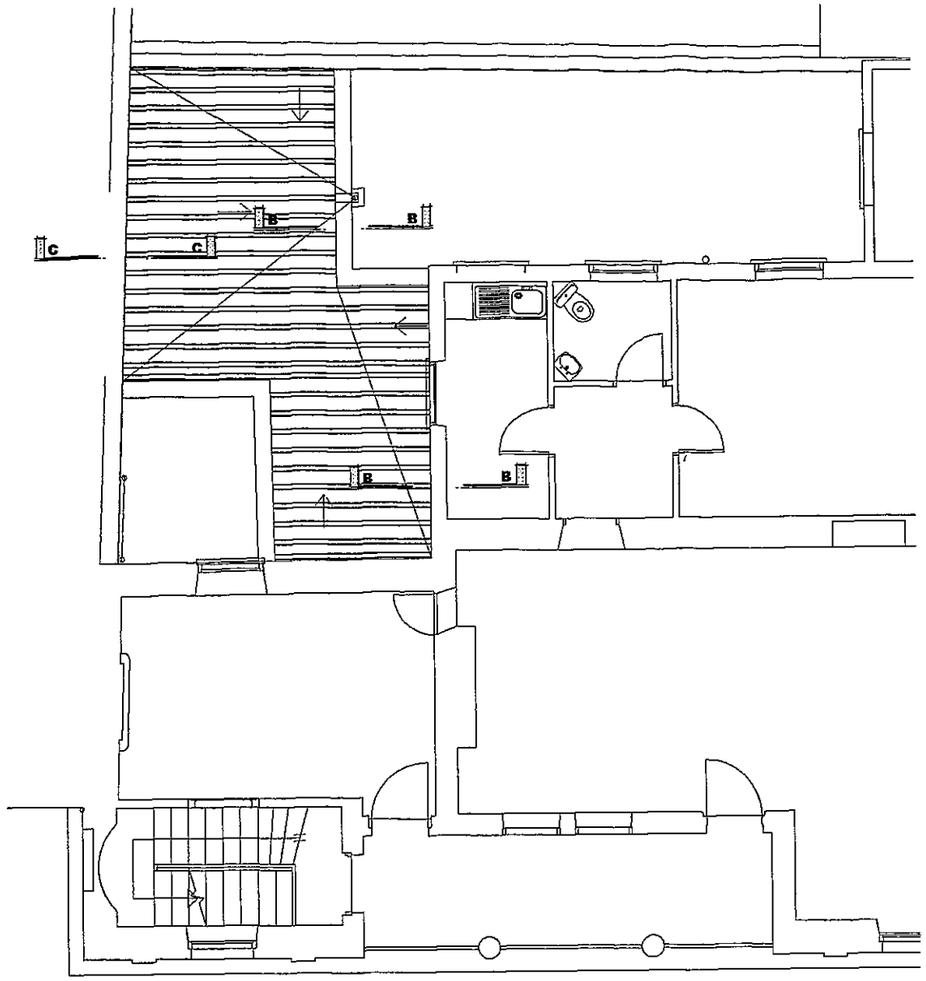


GROUND FLOOR (New Foundations Works)
SCALE 1:50



FIRST FLOOR (New Roof Works)
SCALE 1:50

NOTES

GENERAL

1 ALL DIMENSIONS ARE GIVEN IN MILLIMETRES AND ALL LEVELS IN METERS.

2 DO NOT SCALE. WORK TO FIGURED DIMENSIONS. CONTRACTOR TO CHECK ALL DIMENSIONS. ALL ERRORS AND OMISSIONS TO BE REPORTED TO THE ENGINEERS.

CONCRETE

3 ALL STRUCTURAL CONCRETE TO COMPLY WITH BS 8110 AND TO BE GRADE C 35/20 UNLESS OTHERWISE STATED.

4 ALL CONCRETE SURFACES TO BE FREE FROM VOIDS, HONEYCOMBING OR OTHER BLEMISHES.

5 CONCRETE TO BE VIBRATED BY MECHANICAL MEANS.

6 CEMENT TO BE ORDINARY PORTLAND TO BS 12.

REINFORCEMENT

7 REINFORCEMENT TO BE CUT AND BENT TO BS 4466.

8 ALL ROD REINFORCEMENT TO BE HIGH YIELD DEFORMED TYPE 2 TO BS 4449.

9 THE CHARACTERISTIC STRENGTH OF REINFORCEMENT TO BE 460 N/mm2 (GRADE 460).

10 **CONCRETE COVER TO REINFORCEMENT TO BE**

MEMBER	TOP	BOTTOM	SIDES
FOUNDATIONS	50mm	50mm	50mm
WALLS	30mm	30mm	30mm
COLUMNS	30mm	30mm	30mm
SLABS	25mm	25mm	25mm
BEAMS	30mm	30mm	30mm

STEELWORK

11 ALL STRUCTURAL STEELWORK TO BE GRADE 43A IN ACCORDANCE WITH BS 449

12 ALL SITE CONNECTIONS TO BE 6 mm FW ALL ROUND UNLESS OTHERWISE SHOWN.

13 STEELWORK CORROSION PROTECTION (GENERALLY):
SHOP APPLIED-BLAST CLEAN.
PRE-FABRICATION-PVB ETCH PRIMER. OR ZINC. PHOSPHATE 20um (IF NECESSARY).
POST FABRICATION-HB ZINC PHOSPHATE MODIFIED ALKYD 75um. (OR 60um IF ALREADY PRIMED).
SITE APPLIED-PRIMER, TOUCH IN, AS NECESSARY.
TOP COAT- HB ALKYD FINISH 60um.

14 ALL TEMPORARY SUPPORT WORK TO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

TIMBER

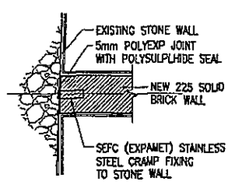
15 ALL STRUCTURAL TIMBER TO BE CS GRADE C16 AND TREATED. ALL IN ACCORDANCE WITH BS 5268.

MASONRY

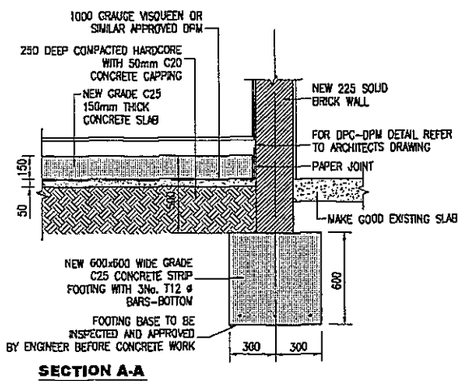
16 ALL STRUCTURAL MASONRY TO BE IN ACCORDANCE WITH BS 5628.

17 MASONRY SPECIFICATION; (delete as appropriate)
BRICKWORK 20 Nmm2
MORTAR DESIGNATION (i) (ii) (iii) (iv)

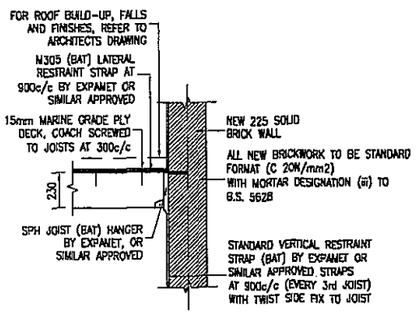
18 WALL TIES TO BE STAINLESS STEEL AT 450mm CENTRES HORIZONTALLY AND VERTICALLY.
AT OPENINGS THEY ARE TO BE SPACED AT 300mm CENTRES VERTICALLY, 225mm FROM EDGE OF OPENING, AND 150mm FROM FACE OF COLUMNS.



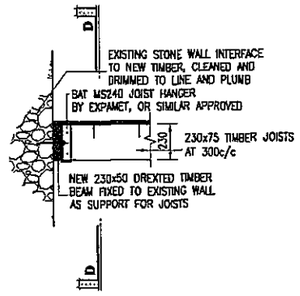
DETAIL 1
SCALE 1:20



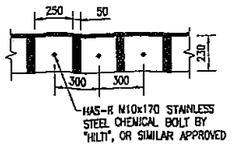
SECTION A-A
SCALE 1:20



SECTION B-B
SCALE 1:20



SECTION C-C
SCALE 1:20



SECTION D-D
SCALE 1:20

	Revisions	Date	Revised by

Architects
John Langdon BArch.

Client
Government of Gibraltar

Project
The Main Guard 13
John Mackintosh Square
Gibraltar Heritage Trust

Drawing Title
PROPOSED STRUCTURAL WORKS TO GROUND AND FRIST FLOOR

Date	Scale		Drawn
MAY 2007	1:50 1:20	A1	Jamm

THIS DRG. MUST BE READ WITH D.R.S. No. — — —
AND SCHEDULES No's. — — —

Drg. No. **605/D/01** Rev. -

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