

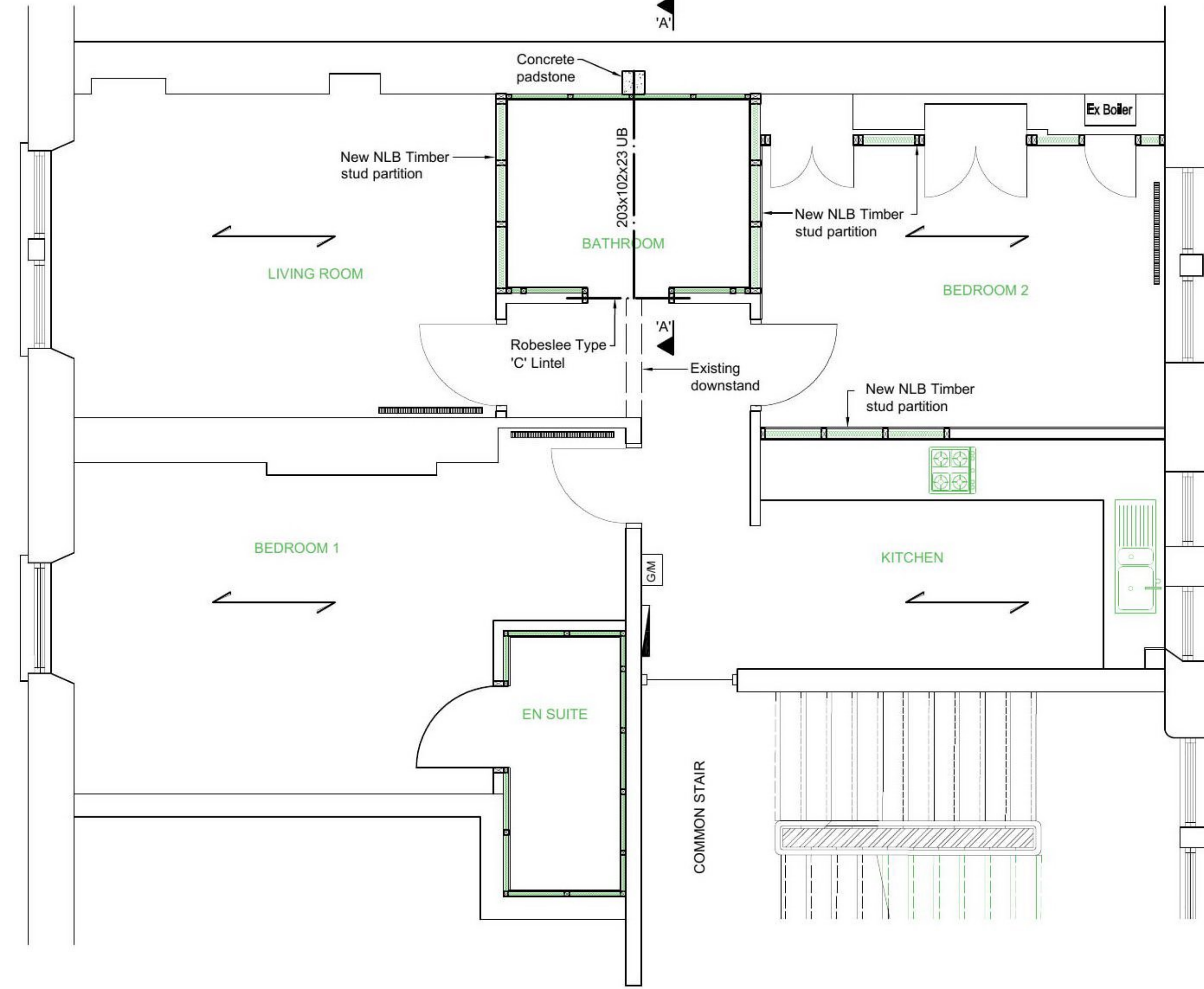
FLOOR PLAN AS PROPOSED  
Scale 1:50

LEGEND

- GM Main Electricity board - 200mm above FFL
- GM Gas meter
- CS Cooker switch - 1100mm above FFL
- TS Twin 13A socket - 450mm above FFL
- SS Single 13A socket - 450mm above FFL
- TS Twin 13A socket - 1100mm above FFL
- SS Single 13A socket - 1100mm above FFL
- LS Light Switch
- SS Shower Switch
- TS Twin Switch
- SP Single Spur Point
- PL Pendant light
- SL Shrouded light fitting
- SD Smoke Detector
- HD Heat Detector
- CD Carbon Monoxide Detector
- ME Mechanical Extraction

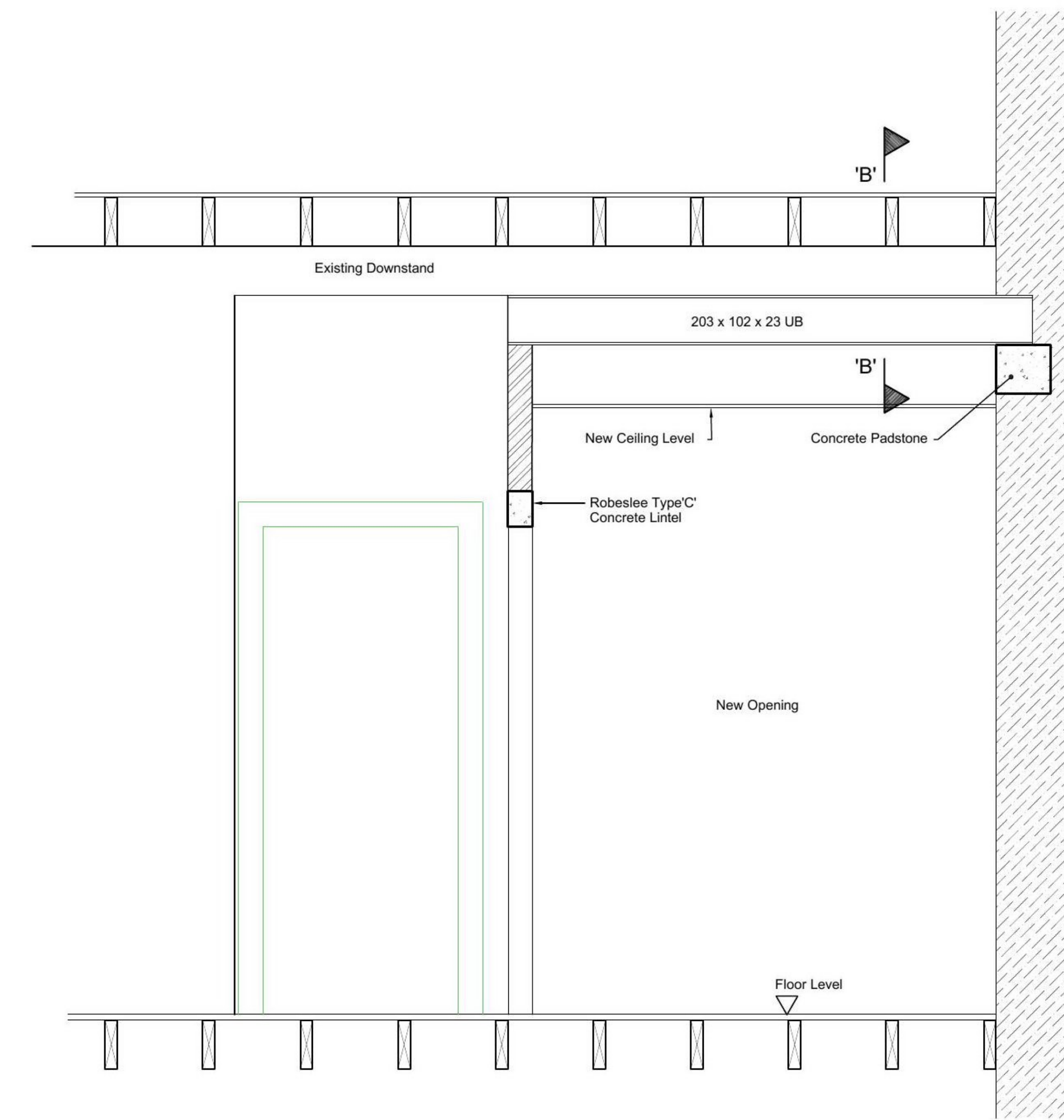
Number of Electrical points within Kitchen area to be no less than those existing in the original layout.

Kitchen layout to be agreed between Client and Kitchen designer/installer to fully comply with SBSA Technical Standards Notably Section 3 - Environment 3.11.3 Kitchens

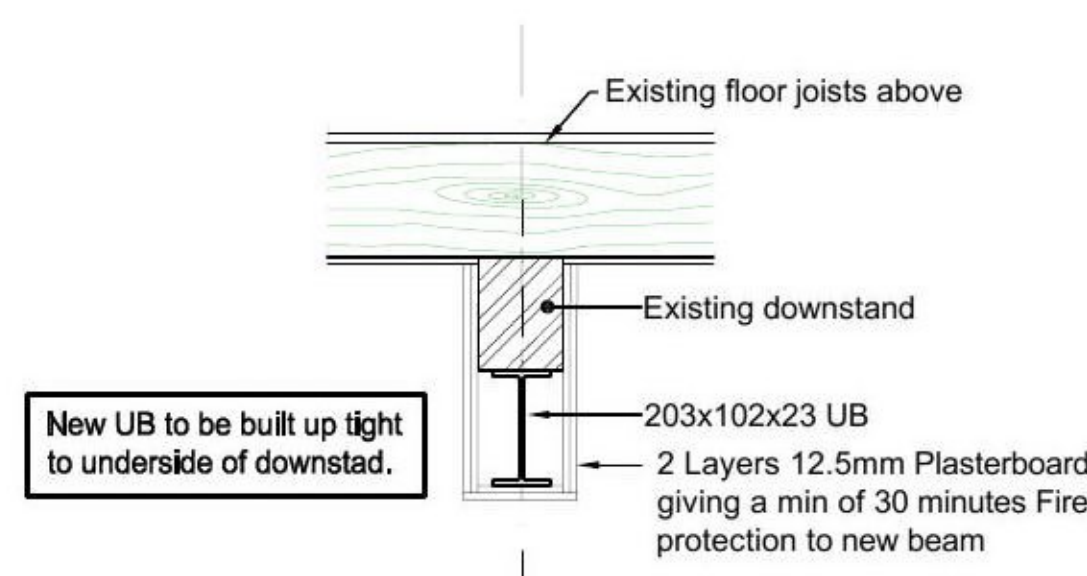


STRUCTURAL LAYOUT AS PROPOSED  
Scale 1:50

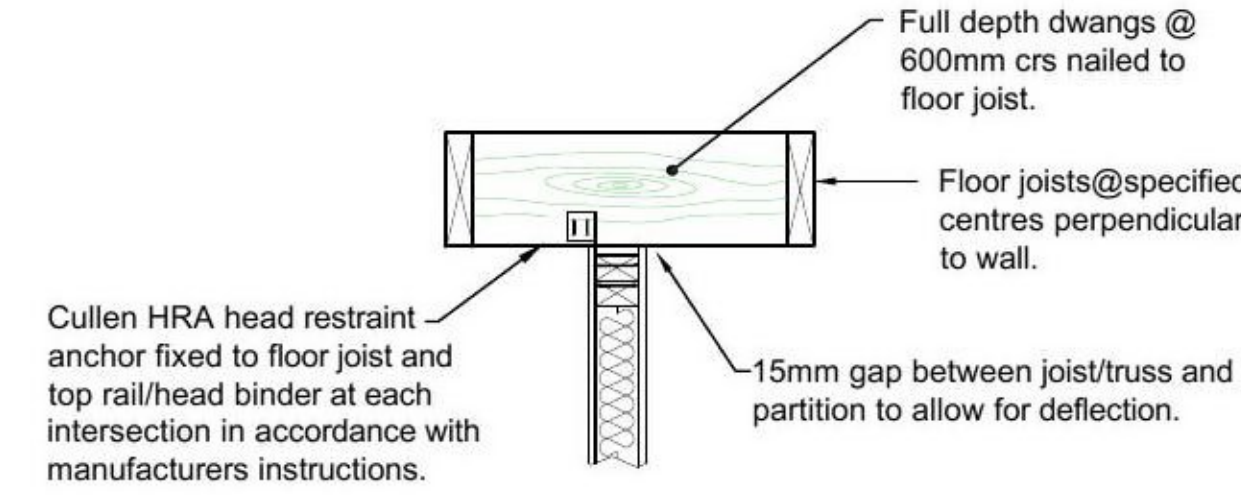
SPAN OF EXISTING TIMBER FLOOR JOISTS SHOWN THUS: →



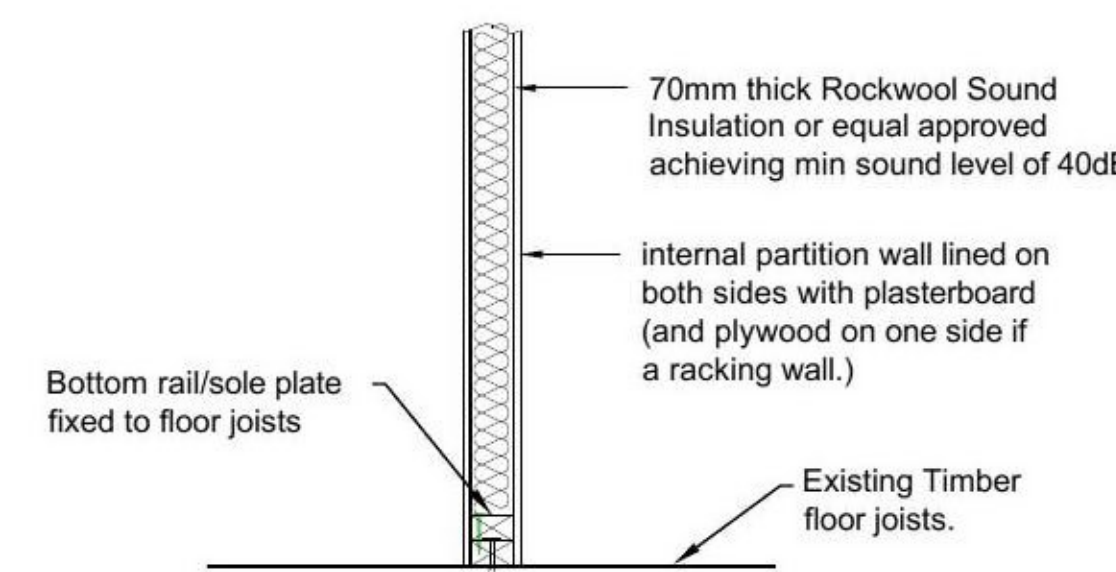
SECTION A-A  
Scale 1:20



SECTION B-B  
Scale 1:20



TYPICAL NLB TIMBER PARTITION  
HEAD RESTRAINT DETAIL  
Scale 1:20



TYPICAL TIMBER PARTITION  
BASE RESTRAINT DETAIL  
Scale 1:20

- DRAINAGE:** [A]
- All drainage to be to BS 8301
  - All sanitary pipe work installations to be carried out to the entire satisfaction of the Department of Building Control and BS EN 12056-2:2000
  - Appliances to be fitted with anti-siphon traps.
  - All sanitary ware to be impervious to the transfer of water.
  - Drainage installation to the satisfaction of Scottish water and Local Authority.
  - All pipework & duct work to be wrapped in Rockwool Techtube or equal approved, fitted in accordance with manufacturers instructions to conform to Section 5.1.7 SBSA Handbook.

- ELECTRICAL INSTALLATION**
- All electrical works to be carried out in accordance with I.E.E Regulations and BS 7671: 2008
  - All electrical works to be carried out by either a Select or NICEIC approved Contractor
  - All electrical sockets and switches to be at least 350mm from any internal corner, projecting wall or similar obstruction
  - Light switches should be positioned at a height of between 900mm and 1100mm above floor level
  - Standard switches or un-standard socket outlets and outlets for other services should be positioned at least 400mm above floor level.

- SMOKE DETECTION**
- Smoke alarms to meet requirements of the Technical Standards and with a standby supply complying with BS5446-3:2005
  - Fitted not more than 7m from the door to a living or a kitchen
  - Fitted not more than 3m from every bedroom door
  - Fitted not more than 7.5m within a circulation space
  - Heat detection to Kitchen

- TYPES OF ALARM**
- Optical smoke alarm-2.11.3 SBSA to Conform to BS EN 14604: 2005
  - Ionisation smoke alarm-2.11.4 SBSA to Conform to BS EN 14604: 2005
  - Heat alarms-2.11.6 SBSA to Conform to BS 5446: Part 2: 2003
  - Carbon Monoxide detectors-3.20.20 SBSA to Conform to BS EN 50291-1: 2010

- VENTILATION:**
- Ventilation to be fitted to areas as Noted below and comply with Table 3.5 - Section: 3 Environment - Sub Section - 3.14.3
- NEW KITCHEN:**  
Mechanical extraction capable of at least 60l/sec.
- NEW BATHROOM:**  
Mechanical extraction capable of at least 15l/sec.
- NEW EN-SUITE:**  
Mechanical extraction capable of at least 15l/sec.

- TIMBER**
- All new timber to be Grade C16 to BS EN 1995-1-2:2004 and BS EN 338:2009 unless otherwise stated, dried to a moisture content not exceeding 18% prior to fabrication.

- STEELWORK**
- All new steelwork to be Grades as follows:
    - a) UB's / UC's to be Grade S355J2 to BSEN 10025 2004, U.N.O
    - b) RHS / SHS to be Grade S355J2 to BSEN 10210-1 2006.
    - c) PFC's to be Grade S355J2 to BSEN 10025
  - All bolts to be in accordance with BS EN 1090 Parts 1 & 2 ; Execution Class 2
  4. Paint specification :  
preparation : Abrasive blast clean to SA 2 1/2  
priming : steelwork to receive 1 coat zinc phosphate primer D.F.T. 75 microns.  
Finish : If steelwork is to be left exposed, apply 1 or 2 coats of a compatible polyurethane finish, where specified by the Architect.  
Where Intumescent paint is specified then the above specification will be applied as a primer system prior to the application of intumescent paint.  
The Contractor is to consult the manufacturer of the intumescent paint to ensure that it is compatible with priming system.  
Steelwork to receive 1 layer of Bitumen below ground slab level where applicable.
  5. All connections to have a minimum 2 bolt M12 Ø Grade 8.8 connection, U.N.O.
  6. Steelwork to achieve 1 hour fire rating. Refer to Architects drawings for details.

**NOTES**

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DO NOT SCALE DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY.

ALL DIMENSIONS AND SIZES TO BE VERIFIED ON SITE.

THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, SCHEDULES AND DETAILS IN THE SERIES.

- PRESTRESSED LINTELS**
- COMPOSITE LINTELS - TYPE A & TYPE B**
1. IT IS ESSENTIAL THAT THE FIRST TWO LAYERS OF BRICKWORK OR FIRST LAYER OF BLOCKWORK ARE LAID WITH SPECIAL CARE AND THAT THE MORTAR JOINTS BOTH VERTICAL AND HORIZONTAL ARE PROPERLY FILLED, LEAVING NO VOIDS. MORTAR- 1:3 CEMENT:SAND RECOMMENDED
  2. IN LINTELS OVER 1500mm LONG, PROPS MUST BE USED AT QUARTER POINTS UNTIL MORTARWORK HAS SET.
  3. MINIMUM BEARING- 150mm EACH SIDE.
- NON-COMPOSITE LINTELS - TYPE C,D,E,F AND K9.**
1. LINTELS ARE DESIGNED TO TAKE DIRECT IMPOSED LOADS.
  2. WHEN LINTEL IS INSTALLED PROPPING NOT REQUIRED.
  3. MINIMUM BEARING- 150mm EACH SIDE
  4. POSITIONING- LINTELS MUST BE PLACED WITH WIRE IN CORRECT POSITION. LINTELS ARE MARKED TOP.
- GENERAL**
1. LINTELS MANUFACTURED BY ROBESLEE CONCRETE COMPANY LTD, SOUTHBANK ROAD, KIRKINTILLOCH, GLASGOW G66 1UA TEL:0141-775-2677 OR OTHER APPROVED SUPPLIER.
  2. REFER TO MANUFACTURERS TECHNICAL CATALOGUE FOR INFORMATION.
  3. CONCRETE USED IS GRADE 50.

<b>S E R</b> Structural Engineers Registration Ltd	
Certificate Number	
Approved Certifier Name Registration Number	Mr. William R. Grossart SER1-D-00869
Approved Body Name Registration Number	Grossart Associates SER1-DB-0299
Certifier Signature	Date

**BUILDING WARRANT ISSUE**

A	Revised to suit BCO Comments, as noted.	06.09.16	PJM	WRG
Rev	Description	Date	Initials	Chkd

Client  
**MR EDWARD KEANE**

Project  
**INTERNAL ALTERATION AT  
FLAT 3/2  
145 STOCKWELL STREET  
GLASGOW**

Drawing Title  
**PROPOSED FLOOR PLAN  
SECTION AND DETAILS**

**GROSSART ASSOCIATES**  
CONSULTING CIVIL AND STRUCTURAL ENGINEERS

Nasmyth Building - Scottish Enterprise Technology Park  
Nasmyth Avenue - East Kilbride G75 0QR  
t 01355 272611 f 01355 272909 e admin@grossart.co.uk

Scale	<b>AS SHOWN@A1</b>	Date	<b>MAY 2016</b>
Drawn	PJM	Checked	WRG
Drawing no.	<b>9164-02</b>	Revision	<b>A</b>

