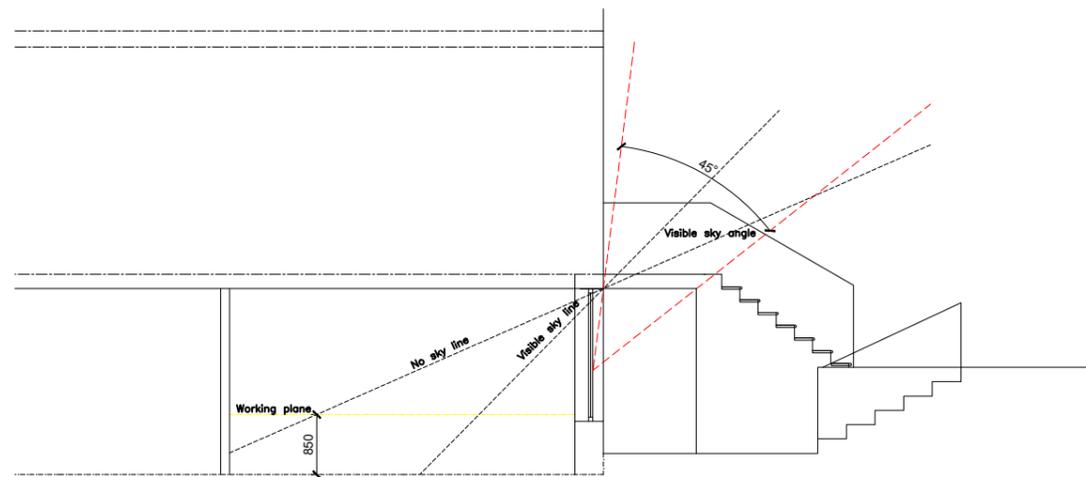


Proposed Rear Elevation



Assessment of daylight to the living/dining/kitchen rear Space:  
 Recommendations as to the minimum standards for natural light in domestic buildings are given in the British Standards BS 8206-02 (BSI, 2002) on lighting, specifically the section on day lighting, in the publications of the CIBSE and in the BRE (1,2,3)

The BRE document 'Site Layout Planning for Daylight & Sunlight: a guide to good practice (2011)' provides two main methods of measurement for calculating daylight:

- A minimum average Daylight Factor (2% for Kitchens, 1.5% for Living Rooms, and 1% for Bedrooms).
- The position of the No-Sky Line at working plane height (0.85m above ffl). If the area beyond the No-Sky Line is more than 50% the room will look gloomy.

The impact of applying the methods set out in the BRE handbook for calculating daylight on the basement rear room are briefly set out below:

**Daylight Distribution / No Sky Line:**

Based on published design guidance, for example the BRE guide, states that the room will appear gloomy if more than 50% of the working place area is beyond the no-sky line.

Currently more than 50% of a working plane (line at a height of 850mm above ffl) lies under the No Sky Line.

Distribution of daylight in the Proposed area is adequate and supplementary electric lighting is not required.

The visible sky angle is 45 degrees.

**Conclusion:**

The Bedroom will have sufficient natural light and outlook.

**NOTES :**

1. All work to be carried out in accordance with current building regulations & codes of practice.
2. Do not scale the drawings.
3. This drawing and the design is the copyright of FBS and is not to be used for any purpose without their consent.
4. All the dimensions/site levels to be confirmed on site.
5. Although every effort has been taken to check survey/site information used on this drawing, FBS LTD is not responsible for its accuracy.

CDM Regulations - The client and the contractor must be abide by the construction design and management regulation 2015 which relate to any building works which: (a) Last longer than 30 working days and has more than 20 workers working simultaneously at any point in the project. or: (b) Exceeds 500 persons a day.

Please refer to <http://www.hse.gov.uk/pubns/indg411.htm> for guidance and compliance. for the cdm regulation the client will be employing one contractor and fbs responsibility for the project will be for the design only and does not include any project management.

REV.No.	Date	Description

CLIENT  
 Mr. Shakir Rafiq



PROJECT NAME  
 17 Market Street, heckmondwike, WF16 0JY

DRAWING TITLE  
 Proposed Drawings

DRAWN BY/ CHECKED BY  
 MR/FY

PHASE	SCALE	SHEET NO.	PROJ.NO.
Concept Drawing	1:100 @ A3	AR-04	C25021