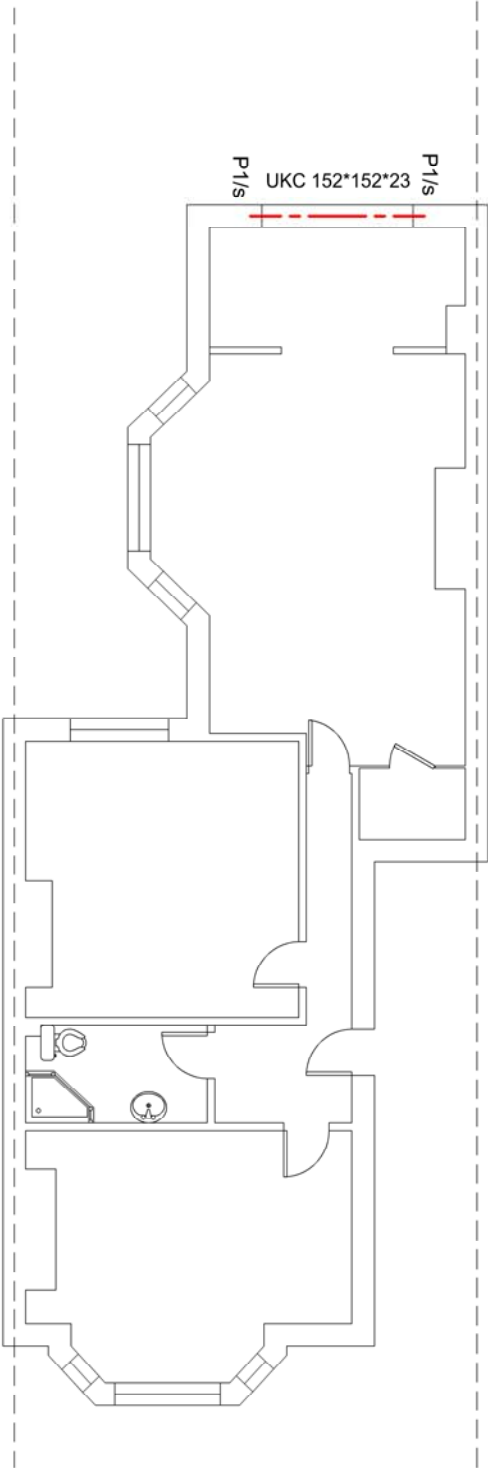


Health and Safety

- As part of the design process the following risks have been identified for the contractor.
 - Elements designed in these calculations are heavier than the manual handling limit of 25 Kg and therefore the contractor will have to assess the lifting requirements.
 - Contractor to be responsible to ensure that all works are carried out in a safe and workmanlike manner, to provide satisfactory temporary propping to maintain the stability of all the existing structural elements throughout the duration of the proposed works.
 - Ensure gap between new steel beams and existing masonry is packed tight. Some cosmetic cracking may occur after temporary propping is taken away as the beam deflects slightly under the new loading. Make good any cracking.
 - Any walls that are supporting steelwork that are found not to be load bearing masonry or of poor construction should be reported to the Engineer.
- P1/S PADSTONE 400*300*225 depth C30 OR STEEL PLATE 400*300*225mm THICK
 - WELD PLATE 10 MM THICK ON TOP FLANGE OF THE BEAMS TO SUPPORT WALL ABOVE. THE WIDTH SUITABLE WITH WALLS THICKNESS



FRAMING PLAN
scale : 1/100 @A3

Steelwork

- Steelwork contractor must verify all dimensions on site before commencing any work or making any shop drawings. No dimensions to be scaled from drawings. Any discrepancies must be reported to the Engineer.
- All steel beams where seated on masonry to have concrete padstones beneath beam ends. Padstones based on engineering calculation and to match width of wall. Concrete to all pad stones to have a minimum strength of 30 N/mm2. Steel beams to have a minimum end bearing of 150mm where span of beam is parallel to wall unless noted otherwise on the details.
- Steelwork to be Mild Steel Grade S275, wire brushed to remove all oil, rust, mill scale etc. and painted with two coats of Zinc Phosphate or similar approved.
- New steel beams to be encased in 12.5mm Gyproc Fireline board with staggered joints, Gyproc FireCase or painted in Nulfire S or similar intumescent paint to provide 1/2 hour fire resistance as agreed with Building Control. All fire protection to be installed as detailed by specialist manufacturer.



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1. THE CONTRACTOR MUST CHECK ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK
2. ALL WORK MUST CONFORM TO CURRENT BUILDING REGULATIONS, BRITISH STANDARDS & CODES OF PRACTICE AND NHBC STANDARDS
3. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT DESIGNER, ENGINEER OR SPECIALIST DRAWINGS AND SPECIFICATIONS
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE
5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY TEMPORARY SUPPORT TO THE BUILDING AND ANY ADJACENT STRUCTURES

NOTE:

PROJECT TITLE:

REPLACING A WINDOW BY SLIDING DOOR IN THE REAR WALL AND BLOCKING UP OF EXISTING BACK ACCESS DOOR

CLIENT: MS. SARAH ONEILL

ADDRESS:

82A COLLEGE PLACE, LONDON, NW1 0DJ

TITLE:

FRAMING PLAN

DRAWING NO: 07

REV:

DRAWN BY: H.D.

Date: JUN 2017

SCALE: 1:100 @ A3

