

Design Sheet - Masonry Support to BS EN 1993 (EC3)

Please provide: contact details; project details; design conditions; sketch of support system

Contact Details

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 Project name **APPLE BROOK HOUSE**
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Design Conditions

1. Cavity (mm) **75**

2a. Characteristic Load (kN/m) SLS

2.6

or 2b. Height of masonry (mm)

3. Frame (Fixing) type (please tick one)

Steelwork (UB/UC) ☐Steelwork (RHS/SHS) ☐Concrete (cast in channel)* ☐Concrete (post fixed)* ☒

*If concrete frame, please provide:

Concrete grade

Cracked / Uncracked

NB. if unknown, we will assume C30/37 uncracked for calculation purposes

4. Masonry density (kg/m³)

5. Masonry width (mm)

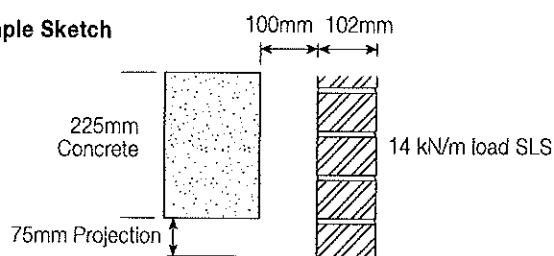
100

6. Slab/beam depth (mm)

see sketch7. Underside of support angle to underside of structure,
-ve value = projection (mm)

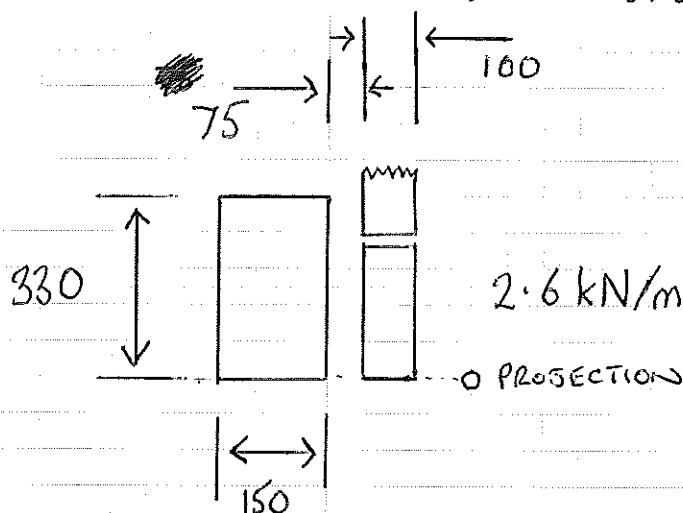
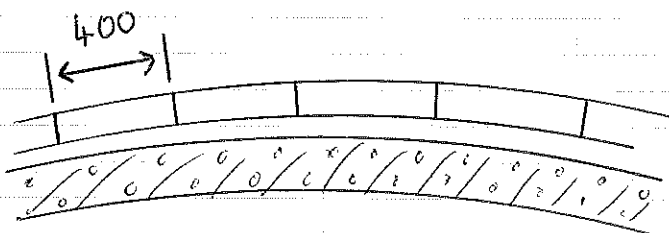
8. Length of support system (m)

Example Sketch



Please provide section through at support system location

Please attach any additional information which may affect the design, eg. does parapet return to façade of building?

**4 SPANS**
1740
1760
1200
3740
0 PROJECTION

ALL DIMENSIONS MM

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