



- KEY TO MATERIALS :  
(Refer to Visqueen Technical Data for full detailed material specification).
- 1) VISQUEEN ZEDEX CPT DPC.
  - 2) VISQUEEN GR DPC.
  - 3) VISQUEEN GAS BARRIER.
  - 4) VISQUEEN GR LAP TAPE.
  - 5) VISQUEENPRO D/SIDED JOINTING TAPE (50mm x 1 Om).
  - 6) RIGID POLYSTYRENE INSULATION.
  - 7) VISQUEEN AIRBRICK
  - 8) VISQUEEN ADJUSTABLE Z VENT
  - 9) VISQUEEN GAS VENT MAT

# NOTES

1. ALL DIMENSION ARE IN MILLIMETERS.
2. DO NOT SCALE FROM THIS DRAWING.
3. THIS DRAWINGS IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS & DOCUMENTS. THE USER SHOULD CONSULT THE DRAWING ISSUE REGISTER FOR DETAILS.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
5. THE ENGINEER/ARCHITECT SHOULD BE CONTACTED IMMEDIATELY IF THE ASSUMPTIONS USED IN THE DESIGN DIFFER TO THAT FOUND ON SITE.

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## CONCRETE

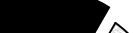
1. The grade of concrete is to be C35 as specified in BS5328, nominal Agg size 20mm, with w/c ratio of 0.60 and minimum cement content to be 300 Kg/m<sup>3</sup>.
2. All reinforcement to be high yield conforming to BS 4449, fy=460N/mm<sup>2</sup>.
3. Cover to reinforcement to be 50mm.
4. Lap length of bars to be 40x diameter, minimum length to be 300mm.
5. All joints to be formed as shown in the standard details and conforms using flexcell and mul-add.
6. All concrete to be sprayed concrete.
7. Finish to be class U4 as DTP Specification for Highways.
8. All works to be in accordance with BS 5110.
9. Concrete to be cured in accordance with BS 5110 Cl. 6.2.3
10. Formwork to be designed, prepared and struck in accordance with BS 5110 Pt.1:1997 Cl.6.2.6.
11. Reinforcement to be in accordance with Cl.7.1.7.5, system of marking to be as follows:

|    |      |     |         |         |
|----|------|-----|---------|---------|
| 10 | 20   | 12  | 150     | TF      |
| No | Type | Dia | BarMark | Spacing |
|    |      |     |         | Layer   |
12. Blinding to be C15/5.0mm thick to U/5 of all ground bearing structures.

## FOUNDATIONS

1. All foundations are to be taken down to a suitable bearing strata as stipulated in the tender documents, to be taken to 75kN/m<sup>2</sup> S.G.B.P. as e.g. firm to stiff Boulder clay or similar; to verified on site by the Contractor to the satisfaction of the L.A. Building Inspector. All works are to conform to the Building Regulations Approved Document A1/2 Part E.
2. All excavation is to be inspected and approved by the Engineer and L.A. Inspector prior to backfilling.
3. All excavations are to be straight side, to at least the dimensions as shown on the drawing, free of standing water and loose material. Site traffic on the formation surface shall not be permitted.
4. Standard strip foundations are to be 450mm below ground level, with cross-sectional dimensions 800mm x 300mm min. Concrete is to be C20 as specified in BS5328.
5. Brickwork below the DPC is to be clay commons with a lean mix concrete cavity fill to ground level. The DPC to be reinforced PVC or lead/Asphalt as supplied by Fermitide (class D), to be minimum of 150mm above ground level.
6. The ground slab to be 150mm thick with A393 mesh in top face, with a minimum of 400mm laps, to be laid on 250mm well compacted hardcore. Insulation to be 100mm Kingspan K103 or similar approved (to achieve  $U=0.17\text{W/m}^2\text{K}$ ) between 2 layers of 1200 gauge visqueen DPM. 75mm sand and cement screed laid on top.
7. The ground trial holes to be excavated to establish depth of existing slab to be checked by engineer / building control officer for adequacy before works commence.

|      |                       |          |    |
|------|-----------------------|----------|----|
| A    | Structural Amendments | 21/03/25 | JG |
| Rev. | Amendments            | Date     | By |



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PROJECT ADDRESS  
LAND AT BILBERRY CLOSE AND ALBERT  
ROAD, WHITEFIELD, M45 8BL

PROJECT TITLE

RESIDENTIAL DEVELOPMENT

| DRAWING | TITLE |
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HOUSE TYPE 01  
PROPOSED FOUNDATION AND FLOOR SLAB PLANS

|         |           |                          |
|---------|-----------|--------------------------|
| Client: | THOMPSONS | Scales @A1<br>1:50/10@A1 |
|---------|-----------|--------------------------|

|                 |                    |                  |
|-----------------|--------------------|------------------|
| Drawn By.<br>JG | Checked By.<br>DWH | Date<br>06/02/25 |
|-----------------|--------------------|------------------|

|                 |          |
|-----------------|----------|
| DRAWING No.     | Revision |
| A025/005/BR/104 | A        |

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