

## **ADDITIONAL ARCHITECTURAL REQUIREMENTS**

29. Proprietary dpc. to F30 / 330 - NBS, on brickwork on each course at least 150mm above proposed

18. Use suitable timber packers / noggins from off cuts nailed through sides only to hold into position. Use a minimum of two rows between beams spaced at no less than 5 metres apart.
  19. Use timber cut to suit to fix to steels to pack up or lower levels. Use Hilti driven nails to fix to flanges and webs of steels.
  20. Provide Rockwool, Kingspan or Celotex in 100 mm segments to insulate between floors and provide noise reduction as per Building Regulation Requirements, introduced in July 2003, as approved document E.
- BRICK AND BLOCK WALLS.**
21. External skin of external walling to be of red, wire cut, rustic standard bricks at 27.5 N / mm<sup>2</sup> in 1 : 1 : 6 cement : lime : soft red sand mortar mix with plasticiser and retarder etc. to suit. Interspersed in bands two layers of soft London Stocks to provide contrast and balance and to suit existing, or as indicated on the Architect drawings. External wall block work to be 100 mm wide x 7 N / mm<sup>2</sup>, thermolite / celcon blocks in similar mortar mix throughout.
  22. Insulation in external walling to be full width (i.e. 100 mm ) Rockwool, Kingspan or Celotex; fixed using proprietary fixing as per Manufacturer's requirements.
  23. Internal block walls to be to thickness as shown on the plans using solid thermal blocks 440 mm x X mm x 215 mm high etc in 1 : 1 : 6 mortar mix.
- SEPARATION WALLS**
24. Forms such walls in 140 mm thick / 200 mm thick load bearing blockwork or 100 x 50 mm timber studwork with sole and header plates, verticals at 600 mm centres and rows of noggins, to suit, at 1.2 m rises. Infill with 100 mm Rockwool, Kingspan or Celotex to suit.
  25. Line with 12.5 mm foil backed plasterboard and skim finish both sides. Where studwork encloses bathrooms and wet rooms, use 12.5 mm moisture resistant plasterboard on inside and, externally to this area, use normal 12.5 mm plasterboard. Where walling is required to be a fire stop such as cheeks to mansard, underside of existing or new stairs to house etc., provide one layer firecheck plasterboard and one layer standard plasterboard.
- DRAINAGE**
26. New drains to be 100 mm underground PVC flexibly jointed and falling a minimum 1 in 40, generally, and surrounded in 150 mm pea shingle. Where the drain with rigid joints passes under the building, it is to be encased in 150 mm concrete. Where a flexible plastic drain passes under the building, it is to be encased in 150 mm pea shingle surround. New manholes to be constructed in 215 class B engineering brick, un-rendered on 150 mm concrete base using 1 : 3 sand : cement mortar. Any internal manholes to be fitted with double seal recessed / screw down covers. Drains, penetrating walls, are to be bridged with a concrete lintel. All drainage to be in accordance with BS 5572.
  27. Surface Water Drainage : 100 mm half round gutter to 63 mm downpipe to 100 mm flexibly jointed drain, falling at 1 in 60 and surrounded in 150 mm pea shingle to existing surface water drainage if available and practicable to connect to. If this is not possible, then pass water to hollow soakaway constructed in honeycomb brickwork. Soakaway to be a minimum of 5.0 metres away from any edge of building and to have a volume capacity of 1.0 m<sup>3</sup>. Soakaway to be BRE Digest 151.

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| Date             |            |
| Mr. Tony Mullins |            |
| From by          | Date       |
| S. Zablocki      | October    |
| OK'd             | Date       |
| W.K.J. Zablocki  | October    |
| Job number       | Sheet # of |
| 1716             | 1:50       |
| Drawing number   |            |
| 1716-06          |            |

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| Job title<br>Redevelopment of<br>6 Garth Class,<br>Russell,<br>Middlesex HA4 9PT    |  | Drawing title<br>Specifications 1                                                                                                                          |  |
| Client<br>Mr. Tony Mullins                                                          |  | Date<br>October 2020                                                                                                                                       |  |
| Drawn by<br>S. Zabolocki                                                            |  | Date<br>October 2020                                                                                                                                       |  |
| CWS<br>M.J.S. Zabolocki                                                             |  | Date<br>October 2020                                                                                                                                       |  |
| Job number<br>1716                                                                  |  | Sheet # of #3<br>1:50                                                                                                                                      |  |
| Drawing number<br>1716-06                                                           |  |                                                                                                                                                            |  |