

**NOTES**

- Check all dimensions on site. Do not scale from this drawing.
- Report discrepancies and / or omissions to Hall Black Douglas.
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- Materials:**
01. Buff brick F10/110
  02. Dark brick F10/150
  03. Brick feature panel F10/115
  04. Dark grey PVC-U window frames L10/365
  05. Dark grey concrete interlocking roof tiling H63/122
  06. Dark grey aluminium rain water goods R10/311
  07. Vertical aluminium cladding H31/120
  08. Obscured Glazing L40/377
  09. Smooth render M20/810
  10. Single ply membrane J42/110
  11. Dark grey timber / aluminium composite door L20/480A
  12. Precast concrete cill F30/720
  13. FFC Aluminium Panel H72/425
  14. Concealed Valley Gutter J42/110
  15. Party wall - as per wall type E
  16. Concrete roof tiles H60/122
  17. Insulation as per P10/139
  18. External wall - Brickwork facing - as per type A1
  19. External wall - Sand and cement plaster - as per type A2
  20. External wall - aluminium cladding - as per type A3
  21. External wall - Brickwork facing - as per type A4
  22. External wall - Sand and cement plaster - as per type B1
  23. External wall - Brickwork facing - as per type B2
  24. External wall - Brickwork facing - as per type C
  25. External wall - Brickwork facing - as per type D
  26. Timber floor and joists as per exemplar DT-02 (contractor designed element)
    - 18mm plywood flooring (K11/315)
    - Ceiling sections at max 450mm c/s. refer to Engineer's drawings and specification
    - Insulation (K10/215)
    - MF Plasterboard ceiling (K10/215)
  27. Concrete communal stair as per exemplar DT-56 & 57 (contractor designed element)
  28. Typical stair including timber balustrade as per DT-28
  29. Ground Floor build up as per exemplar DT-01 (contractor designed element)
    - 100mm self levelling screed (NBS: M10/135) with feather screed finish (NBS: M10/161)
    - Screed poured onto 500g DPM to prevent grout loss
    - Continuous airtight mastic sealant
    - 100mm phenolic floor insulation board to achieve U-Value of 0.15 W/m2K (NBS: P10/196)
    - High Performance DPM (J40/121)
    - 30mm phenolic perimeter insulation board to be installed around entire ground floor perimeter of floor plate.
    - Refer to Engineer's details for concrete slab. Slab to bear onto blockwork inner leaf
  30. Apartment floor build up as per exemplar DT-56 (contractor designed element)
    - 100mm self levelling screed (NBS: M10/135) with feather screed finish (NBS: M10/161)
    - Screed poured onto 500g DPM to prevent grout loss
    - Continuous airtight mastic sealant
    - 25mm phenolic floor insulation board
    - 30mm phenolic perimeter insulation board to be installed around entire ground floor perimeter of floor plate.
    - Refer to Engineer's details for concrete slab. Slab to bear onto blockwork inner leaf
  31. Rendered Canopy build up as per exemplar DT-54 (contractor designed element)
  32. Foundation as per Engineer's exemplar design - Contractor designed item
  33. Roof Truss - Contractor designed item
  34. Single ply membrane roof build up as per DT-45



**CONTRACTOR TO ALLOW FOR THE FOLLOWING TESTING:**

1/ Submit UKAS accredited laboratory reports for the following: Maximum air pressure and corresponding deflection limits for each dwelling.

F2.59 The procedure for air pressure testing is given in the Air Tightness Testing and Measurement Association (ATTMA) publication Measuring air permeability of building envelopes (dwellings).  
The manner approved for recording the results and the data on which they are based is given in Section 4 of that document. Trickle ventilators should be temporarily sealed rather than just closed.

F2.60 The district council should be provided with evidence that the test equipment has been calibrated within the previous 12 months using a UKAS accredited facility and that the tests have been carried out by a person who has received appropriate training and who is registered to test the specific class of building concerned.

F2.61 It would not be reasonable to test all dwellings in a development. The aim is to enable lessons to be learned and adjustments to design and/or site procedures to be made before the majority of the dwellings are built.

F2.62 On each development, an air pressure test should be carried out on three units of each dwelling type or 50% of all instances of that dwelling type, whichever is less; and at least one of each type should be tested. The dwellings to be tested should be taken from the first completed batch of units of each dwelling type to confirm the robustness of the designs and the construction procedures.

F2.63 Each block of flats should be treated as a separate development irrespective of the number of blocks of flats on the site.

F2.64 The dwellings selected for test should be chosen by the district council in consultation with the pressure tester. They should be selected so that about half of the tests on each dwelling type are carried out during the construction of the first 25% of the dwellings of that type. All tests on dwellings in the sample should be reported to the district council including any test failures (see paragraphs 2.65 to 2.68).  
Materials, components and details: As used in testing/ assessment reports. If discrepancies arise, give notice.

2/ Sound insulation testing for the Building Regulations must be done in accordance with: BS EN ISO 140-4; BS EN ISO 140-7; BS EN ISO 717-1; BS EN ISO 717-2; BS EN 20354. When calculating sound insulation test results, no rounding should occur in any calculation until required by the relevant Standards, the BS EN ISO 140 series and the BS EN ISO 717series.

NO.	AMENDMENT	DATE	BY	CHECKED
Radius Housing				
CLIENT				
Newhill				
Whiterock Road, Co. Antrim				
PROJECT				
House Type C4 - Proposed Sections				
DRAWING				
	1:50	03/07/2023		
			SCALE	DATE
			MT	DB
5418-GA-092				
DRAWING NUMBER	REVISION	DRAWN	CHECKED	