



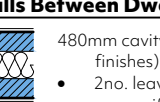
External Wall Cavity (Dwelling/Community House)

- 45mm cavity, external wall construction comprising:
 - 103mm approved facing brick over skin in stretcher bond (except where elevations show otherwise) with basket mesh reinforcement and brickwork to LABC Standards, sulphate resisting concrete required by Strength of Materials for external finishes, see materials schedule and specification.
- 100mm cavity, filled with mineral wool insulation (thermal conductivity 0.037W/mK), or similar approved, insulation batts. Insulation to be built into the wall as works progress. Insulation batts are to be used to achieve the overall thickness, ensure that the joints are staggered. Note: Insulation to be provided where indicated on drawings.
- Two leaf of 140mm thick brickwork. Strengths as specified by the manufacturer.
- All blockwork is to be restrained at the junction with underside of structural slabs/vertical face of columns by a suitable Ancorcast or equivalent system in accordance with the detailed construction drawings. Continuous compressible backing material and flexible sealant to be applied to any resulting gaps.
- Internal wall finish is to be 1no. layers of 12.5mm British Gypsum (nominal 8kg/m² mass per unit area), or similar approved, applied and applied using plaster dabs.
- Wall ties to structural frame as specified, set at 450mm vertical and 900mm horizontal staggered centres.
- Wall ties are to be provided at maximum 225mm centres around all window and door openings and no more than 225mm from either side of all masonry expansion joints.
- All blockwork to be flush pointed and fair faced.

External Wall Legend (Common Core Block B):

- 34.5mm cavity external wall construction comprising:
 - 10.5mm approved facing brick outer skin laid in stretcher bond (ensuring no horizontal joints otherwise) with bucked hand joints (mortar mix and pointing to LAABC Structural Engineering standards where required by Structural Engineer). For details of external finishes, see materials schedule and specification.
 - 100mm cavity, filled with mineral wool insulation (minimum conductivity of 0.27W/mK), or similar approved, cavity batts.
 - Two leaf of 140mm thick brickwork. Strengths as specified by the Structural Engineer.
 - All blockwork is to be restrained at the junction with composite of structural steelwork by providing a suitable ANCR restraint, in accordance with the detailed construction drawings. Continuous compressible backing material to be provided adjacent to be applied to any resulting joints.
- External wall finish to be as follows:
 - Walls of 12.5mm British Gypsol Wallboard (nominal 8kg/m² mass per unit area), or similar approved, where required and applied using plaster and joint compound.
 - Walls to be structural engineers' specification, set out from vertical and ground level, and stipulated joint centres.
 - Walls ties are to be provided at maximum 425mm centres around all window and door openings and no more than 225mm from either side of all masonry expansion joints.
 - All blockwork to be flush pointed and fair faced.

Separating Wall Dwellings (Blockwork Separating Walls Between Ledges and Common Area)



480mm cavity separating wall construction (excluding finishes) comprising:

- 2no. ledges of 140mm thick blockwork, Strengths as specified by the Structural Engineer.
- 120mm cavity, filled with mineral wool insulation (thermal conductivity 0.037W/mK), or similar approved, insulation batts, insulation to be built up to the wall on works project side of area of insulation are to be used to achieve the overall thickness.
- Both to be finished with top Layer 12.5mm BS4140 Gypsum Wallboard (nominal 8kg/m² gypsum board), or similar approved. Plasterboard to be on plaster dabs and applied to both sides. Mortar joints to cover the full thickness of the blocks, leave no voids.
- Cavities between external and separating walls to be linked and fire stopped with a sleeved mineral wool continuous cavity barrier.

Separating Wall Ledge (Blockwork Separating Walls Between Dwellings and Dwellings):

- 380mm cavity separating wall construction (excluding finishes) comprising:
 - 2no. leaves of 140mm thick blockwork. Strengths to be specified by the Structural Engineer.
 - 100mm cavity fully filled with Insver RD Party Wall Cavity and wall ties (not staggered) to prevent mortar droppings and debris. Fully fill of blockwork joints with mortar.
 - Provide 25mm long Ancon HBTA, or similar approved, wall ties as described in BS EN 10088 and DD140 and spaced at 450mm vertically.
 - 100mm horizontal 'serried' (not staggered) to party walls.
 - Walls to be finished with 1no. 12mm S1 Green Gyproc Wallboard (nominal 8kg/m² gypsum based), or similar approved. Plasterboard to be on outer leaves and applied to both leaves. Mortar joints to cover the full thickness of the blocks, leave no voids.
 - Chases between internal and separating walls to be linked and Fire stopped with a dense mineral wool continuous cavity seal.
 - All chases for services are to be kept to a minimum and filled with wall mortar. Stagger chokes on each side of the wall to avoid blockwork joints.
- Make sure there is no connection between the leaves of masonry except for the wall ties, insulation and foundations.

Scale 1:50

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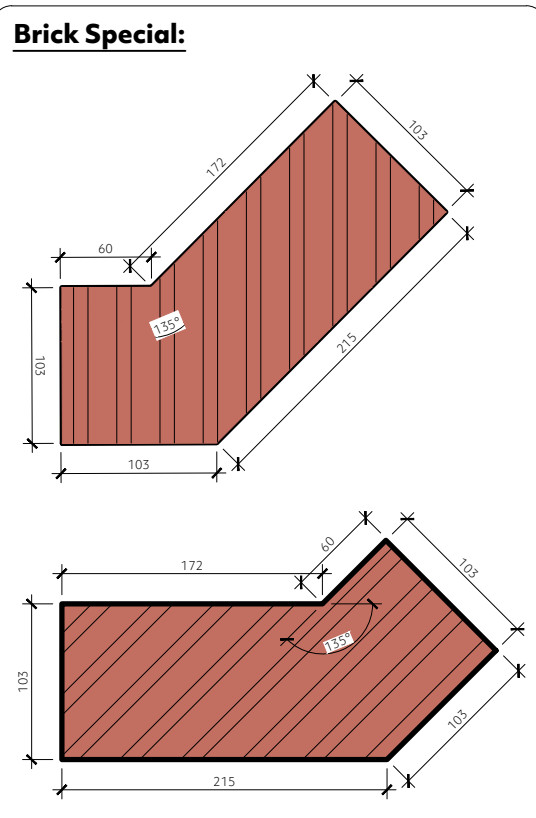
<u>Client:</u>	Selsdon Building Contractors Ltd
<u>Project:</u>	Kerswell Close, N15
<u>Drawing:</u>	Block B First Floor - Sheet 1 of 2

project.
architecture

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Status: Tender leave

Date: April 2023	Scale: 1:50@A1	Drawing No: 23-1116-202.0
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General Notes:

1. Kitchen layout shown indicative only. Refer to specialist kitchen manufacturers drawings for full confirmation.
2. Temporary works designer's must ensure that the temporary works design has been approved by the Structural Engineer.
3. Refer to Structural Engineer's details and specification for confirmation of all required steelwork, lintels & associated padstones.
4. Refer to Structural Engineer's drawings for full details of all concrete structure.
5. All movement joints have been positioned from information provided by the Structural Engineer.
6. Ensure 1no. layer of 12.5mm thick BG Gyproton (Rigitone), or similar approved class C Absorbent material is installed in the communal area ceilings.
7. Dry lining contractor to make provisions for an access hatch in the communal ceiling for access to services, adjacent to each flat entrance door.

Miscellaneous Legend:

Soil and vent pipe.

WC direct connection.

Wash hand basin direct connection.

Shower waste direct connection.

Bath direct connection.

Sink waste direct connection.

Future floor socket of M4(2)(3) accessible basin position.

Indicates condense drainage pipe

Floor gully for wash down purposes.

	Denotes position of Rainwater Pipe.
	Indicates position of Rainwater Outlet.
	Indicates steelwork. All exposed steelwork not fully encased in masonry to be painted with intumescent paint to achieve a minimum of 60 minutes fire resistance.
	Indicates structural column to Structural engineers design and details.
	Denotes location of cavity fire sack. Sacks within cavity masonry construction maybe omitted, if agreed with LABC, where fully fill cavity insulation is installed.

C Guarding to Rwp's & Svp's within refuse, cycle and plant stores.

(SM) Movement Joint (Positions taken from information provided by the Structural Engineer)

A Grid lines taken from Structural Engineers drawings.

Hatch indicates recommended mesh pattern to be provided within service risers.

Indicated area for future shower. Area to be left unscreeded and infilled with timber floor panel.

-  Lockable Union Bib Top in refuse store and plant room for wash down purposes
-  Denotes internal communal door reference. Refer to relevant internal door schedules for information.
-  Denotes external window/ door reference. Refer to relevant external window & door schedules for information.
-  Location of FD30 smoke sealed service riser door, with keep locked shut capability and signage.
-  Location of communal FD30 smoke sealed, self closing fire door, communal doors to have vision panels.

Masonry Specification Legend:

	100mm thick blackwork - Compressive strength to Structural engineers details Density to be 1350-1660kg/m ³ or 1850-2330kg/m ³ .
	140mm thick blackwork, paint grade blackwork - Compressive strength to Structural engineers details. Density to be 1350-1660kg/m ³ or 1850-2330kg/m ³ .
	100mm thick black laid flat Compressive strength to Structural engineers details. Density to be 1350-1660kg/m ³ or 1850-2330kg/m ³ .
	103mm thick approved facing brickwork

Note:
01. Paint grade blackwork to be used to refuse and cycle store areas.