

WINDOWS AND DOORS

- All new aluminium windows, doors and rooflights to be double glazed to ensure:
  - Fully glazed door openings achieve an average U-Value of 1.7W/sq.m.C
  - Windows achieve a minimum U-value of 1.4W/sq.m.C
  - Rooflights achieve a minimum U-value of 1.4W/sq.m.CGlazing to also accord with BS 6206 'Specification for Impact Performance Requirements for Flat Safety Glass for use in Buildings' with, generally, safety glass fitted to all screens, doors and windows within 800 mm of floor level.
- Patent glazed rooflights to be double glazed to achieve a minimum U-value of 1.4W/sq.m. and include:
  - thermally broken polyester powder coated support and capping system generally, and
  - matching polyester powder coated bespoke insulated flashings at all abutments with surrounding structure, to ensure the required U-value is achieved. Lead flashings to be built into surrounding finishes and dressed over all abutment flashings to ensure a waterproof junction.
- The front door is to have a minimum effective clear width of 1000mm and a level landing at least 1500 x1500 clear of any door swings.
- All accessible WC doors and Showers to have a clear opening between doorstops of 750mm, and with minimum additional width of 300mm for wheelchair access.

KEY:

- Nom 125mm wall using 92mm C studs. K10.127.
- Nom 100mm wall using 72mm C studs. K10.126
- Dense concrete blockworkwall, F10.350
- Dense concrete blockwork wall with plasterboard and skim, F10.350 & K10.186
- Salvaged/new matching brickwork, to be agreed with Architect, F10.235
- Existing walls - shown with EWI system. M21.212
- Nom 330mm cavity construction, comprising 105mm facing brickwork F10.111, 75mm partial fill insulation, F30.155, tied vertically at 450 and horizontally and 900 centres. 100mm blockwork internally, F10.345, plaster board on dabs K10.186 with skimmed finish, M20.310A.

D

C

B

A

NO.

19/03/2020

22/09/2016

25/07/2016

20/06/2016

Updated in accordance with ecology mitigation strategy. Title block altered.

Rear chimneys and tea stations omitted.

Door dimensions and direction of swing altered. Room numbers changed.

Notes updated.

CLIENT

**Merthyr Tydfil CBC**

PROJECT

**YMCA, Merthyr Tydfil**

DRAWING TITLE

**Mezzanine Floor Plan**

DRAWN/CHECKED

DC, CW, TR

SCALE

1:50 @ A1

DATE

Aug. 2019

DRAWING NO.

**3510\_GA\_320**

REV.

**D**

DO NOT SCALE FOR CONSTRUCTION PURPOSES • ALL DIMENSIONS TO BE CHECKED ON SITE • NOTIFY ARCHITECT OF ALL DISCREPANCIES • THIS DRAWING IS COPYRIGHT

GA 320- Mezzanine Floor Plan as Proposed  
SCALE 1:50 @ A1, 1:100 @ A3

- Notes:
- Responsibility is not accepted for errors made by others scaling from this drawing.
- All construction information should be taken from figured dimensions only. Dimensions are in millimetres unless otherwise stated.
- All dimensions and conditions are to be checked on site prior to preparing drawings or commencing any work.
- Any variations or supplementary drawings are to be approved by The Architect.

Notes

- 1 hour EI fire-rated glazing to maintain fire compartmentation. L40.510A
- Existing guarding to be replaced and/ or supplimented with 900mm - 1100mm high handrail. See 'Improvmnets to existing building' notes.
- Studwork wall with plasterboard lining to both sides infilled with semi-rigid insulation. K10.127.
- 215mm blockwork wall. F10.355, Plaster and skim finish, K10.186
- Access covers recessed into floor finish.
- Details of closure to be agreed on site, allow for plasterboard and skim on stud framing.
- External wall insulation system. M21.212.
- Proprietary aluminium curtain walling system, H11.110 with Extract Ventilation through aluminium louvres. Provide insulated backing plate.
- Nom 225 x 225mm cast iron grid air brick to match original, F30.160A. Allow for lining existing opening as M & E requirements.
- Guarding to maintain safe width of shaft, full height of shaft. To be agreed with lift manufacturer and supplier.
- Intumescent paint to existing steelwork to provide 1 hour fire resistance, M61.120.
- New 440mm cavity conctruction fin wall conctructed of clay brickwork. F10.111.
- Nom 330mm cavity construction, comprising 105mm facing brickwork F10.111, 75mm partial fill insulation, F30.155, tied vertically at 450 and horizontally and 900 centres. 100mm blockwork internally, F10.345, plaster board on dabs K10.186 with skimmed finish, M20.310A.
- Proprietary aluminium curtain walling system, H11.110
- Stainless steel drainage channels recessed into floor finish. R11.310.
- Stainless steel flue from boiler room to be connected to new flue liner in existing chimney. Flue to be lined to be agreed on Site with Architect. Flue to be inserted at Second Floor and Mezzanine Level.
- Steel column supporting new flat roof above. To Structural Engineer's specification. Exact location and height to be agreed on site.
- Terracotta Sunscreen cladding on proprietary support system fixed back to curtain wall system, H11.130A.
- Guarding added to all existing window openings where floor is raised. L30.580A.
- Bat roost structure as part of the ecology mitigation strategy. See drawing GA 700.