



GA 400- North West Elevation 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.

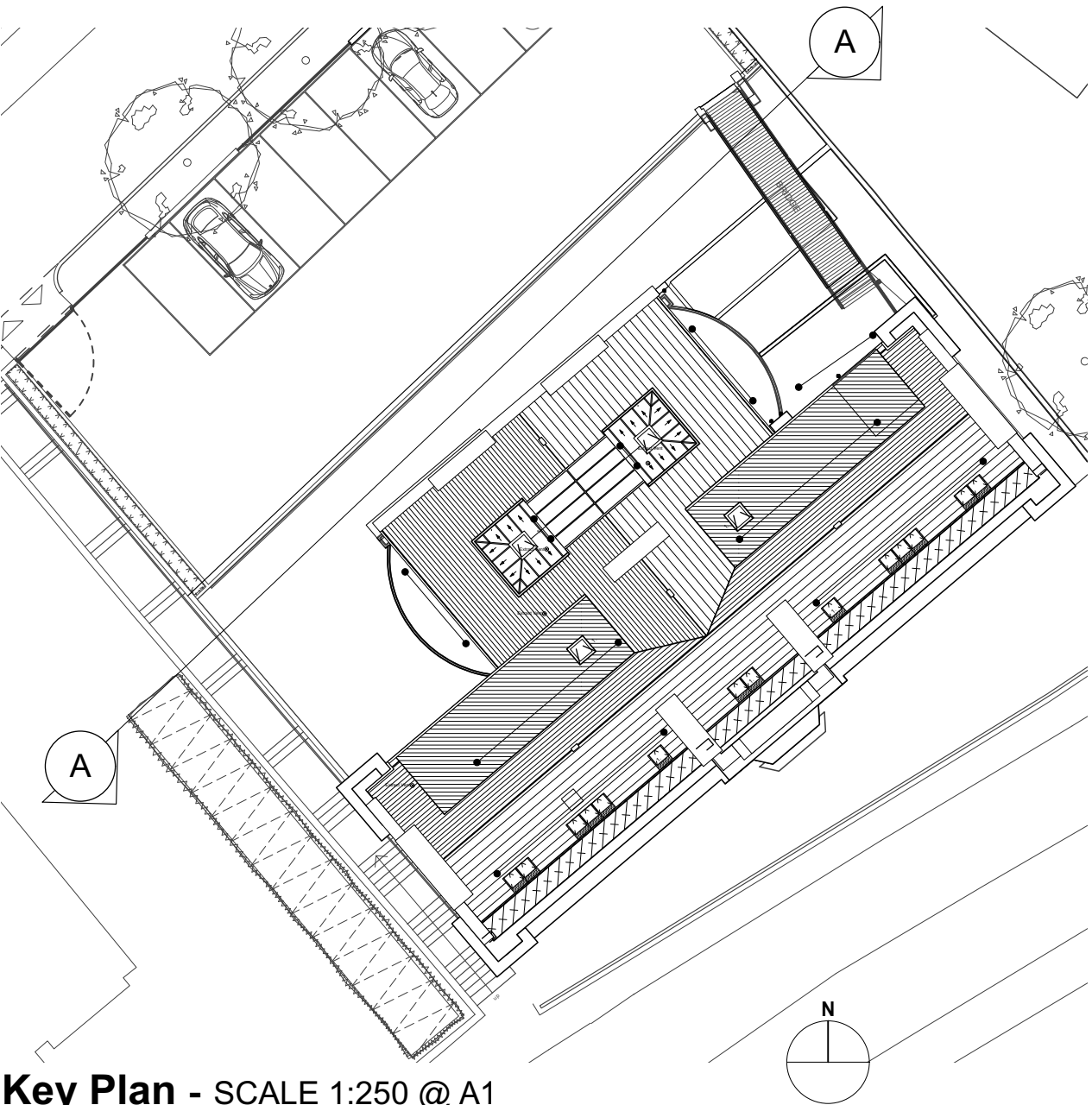
Notes

- Nom 100 x 150mm terracotta stringcourse supported on proprietary stainless steel anchor system with thermal breaks. F30.767.
- Natural slate roof on 25 x 50mm treated battens, on breather membrane over 38mm counterbattens. Counterbattens fixed using proprietary screws through 80mm Pavatherm sarking insulation. H62.105A.
- PPC (Black) Aluminium chimney termination as M & E Engineer's specification.
- External wall insulation system. M21.212.
- Extract ventilation terminal on vertical pipework with purpose made lead slate for weathering, H62.841.
- New 440mm fin wall constructed of facing clay brickwork. F10.111. Infilled with concrete to support masonry above.

- PPC aluminium cill as part of the curtain wall system, H11.110.
- PPC aluminium windows, H11.110.
- Box section PPC aluminium gutter, R10.312. Depth to match depth of terracotta cladding below.
- Proprietary aluminium curtain walling system, H11.110 with Extract Ventilation through aluminium louvres. Provide insulated backing plate.
- Single ply warm deck roof covering. J42.112.
- Steel column supporting new flat roof above. To Structural Engineer's specification. Exact location and height to be agreed on site.

- Proprietary aluminium curtain walling system, H11.110
- Zinc cladding on 18mm plywood on 50 x 50mm vertical battens fixed back to plywood board through sheathing insulation, at vertical stud locations. H74.151
- Nom 225 x 225mm cast iron grid air brick to match original in original location. F30.160A.
- Terracotta Sunscreen cladding on proprietary support system fixed back to curtain wall system, H11.130A.
- Single ply cold deck roof covering. J42.131.
- Continuous PPC Aluminium sill to be installed as part of cladding System. H92.120.

- Exposed PFC to Structural Engineer's details.
- Zinc fascia detail, H74.152
- Proprietary Aluminium Curtain walling system with insulated panels behind opacified glazing, H11.110
- Carefully take down chimneys to 100mm above its intersection with the lowest point of the adjoining roof. A single piece horizontal lead DPC tray to be individually fabricated and installed for the full extent of all chimneys. Chimney flashing to slate roof to include code 4 lead cover flashing, code 4 lead soakers, code 5 lead step flashings at side abutments, H71.472.
- Nom.100x100 PPC aluminium downpipes, R10.370.



ROOFS

- ROOF TYPE 01 - NEW PITCHED ROOF** (minimum U-value of 0.18W/sq.m.C.): Natural slate roof on 25 x 50mm treated battens, on 38mm counterbattens. Counterbattens fixed using proprietary screws through 80mm Pavatherm sarking insulation. H62.105. Sarking insulation taped to provide weathertightness. 150 x 50 rafters as SE details with with Pavaflex insulation between. P10.140A Internal sheathing board to provide Vapour control & Airtightness fixed to underside of rafters. P10.310. 13mm plasterboard ceiling on 25mm battens fixed below, K10.250.
- ROOF TYPE 02 - NEW FLAT ROOFS (Modern Dormers)** (minimum U-value of 0.18W/sq.m.C): Single ply roof covering to flat roof on 18mm plywood fixed on timber firrings at 450 centres to give 1 in 60 fall. Joints in membrane to be lapped and sealed over 100mm wide jointing strip to provide neat, flush finish. Location of joints to be agreed on site. 50 x 50mm counterbattens screwed through 100mm Pavatherm Plus sarking insulation to roof joists below. P10.149A. 150 x 50 flat roof joists as SE details with with Pavaflex insulation between. P10.140A Internal sheathing board to provide Vapour control & Airtightness fixed to underside of rafters. P10.310. 13mm plasterboard ceiling on 25mm battens fixed below, K10.250.
- ROOF TYPE 03 - FLAT ROOFS (traditional Dormers)** (minimum U-value of 0.18W/sq.m.C): Lead roof covering to flat roof on 18mm plywood fixed on timber firrings. H71.110. Cavity between firrings to be ventilated. Flat roof joists as SE details with with insulation between. P10.141. Insulated plasterboard fixed to underside of rafters, K10.247.
- LEAD FLASHINGS & WEATHERINGS:** To be incorporated within all roofs as follows:
 - Valley Gutters: Code 4 lead flashings of 1.5m maximum length at all junctions of pitched roof slopes;
 - Horizontal Abutments: Code 4 lead cover flashings of 1.5m maximum length below continuous pitch polymer cavity trays at all junctions of roof finishes and external walls. Flashings are to have a minimum cover of 100mm and 150mm to upstands and pitched roof finishes respectively, the flashing being dressed and clipped to seal the junction.
 - Sloping Abutments: Preformed cavity trays with integral code 4 lead apron flashing at all junctions of pitched roof finishes and external cavity walls. Code 3 lead soakers are to be integrated with each tile, their length being equal to the gauge + lap + 25mm and not less than 75mm upstand and more than 100mm underlap.
 - Cornices, parapet walls and projections: Code 6 lead, fixings comprise copper or stainless-steel clips incorporated into wells in exposed locations. Cover flashings lengths must not exceed 1.5m. Refer 'The Lead Sheet Association (LSA) - Complete Manual' for workmanship.
- Above ground surface water drainage to be via polyester powder coated aluminium gutters and downpipes, the latter discharging to the underground drainage system via back-inlet gulleys, with rodding-eyes (RE) where indicated.

ACCESS

- NEW BRIDGE:** The new bridge providing access from the Car park to be at a 1 in 60 slope, 1500mm wide with 1100mm guarding (minimum) provided to both sides.
- DISABLED PARKING AND ACCESS** A 4800 x 3600 mm parking bay is provided at the rear of the property with level access to a main entrance via a ramp with a gradient of 1 in 60.

F	12/04/2021	Dimension of the window at mezzanine level altered.
E	20/03/2020	Updated in accordance with ecology mitigation strategy and ground line adjusted. Title block altered.
D	22/09/2016	Rear chimney omitted. Notes updated accordingly.
C	05/09/2016	Dormer height raised and lift shaft reduced. Fenestration altered. Notes reduced and updated accordingly.
B	25/07/2016	Appearance and scale of rear dormers altered. Notes updated accordingly.
A	20/06/2016	Notes altered to incorporate NBS and additional detail.
NO.	DATE	REVISION
CLIENT		
Merthyr Tydfil CBC		
PROJECT		
YMCA, Merthyr Tydfil		
DRAWING TITLE		
NW Elevation		
DRAWING CHECKED		
DC, TR		
SCALE		
1:50 @ A1		
DATE		
Aug. 2019		
DRAWING NO.		
3510_GA_400		
REV.		
F		

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