



Existing North Elevation Notes

1. Roof: Slate roof with timber barge boards, fascias and soffits, all decorated black
2. RWG's: Black cast iron RWDP's and half round gutters.
3. Walls: Render, red colour.
4. Walls: Rubble stone (location illustrated with hatch)
5. Windows: All windows are contemporary timber casement windows, decorated white.
6. Post and rail timber fence fitted between north elevation and stone boundary wall, to be removed and disposed of in full.

Outline Methodology for the removal of existing render and making good of walling:

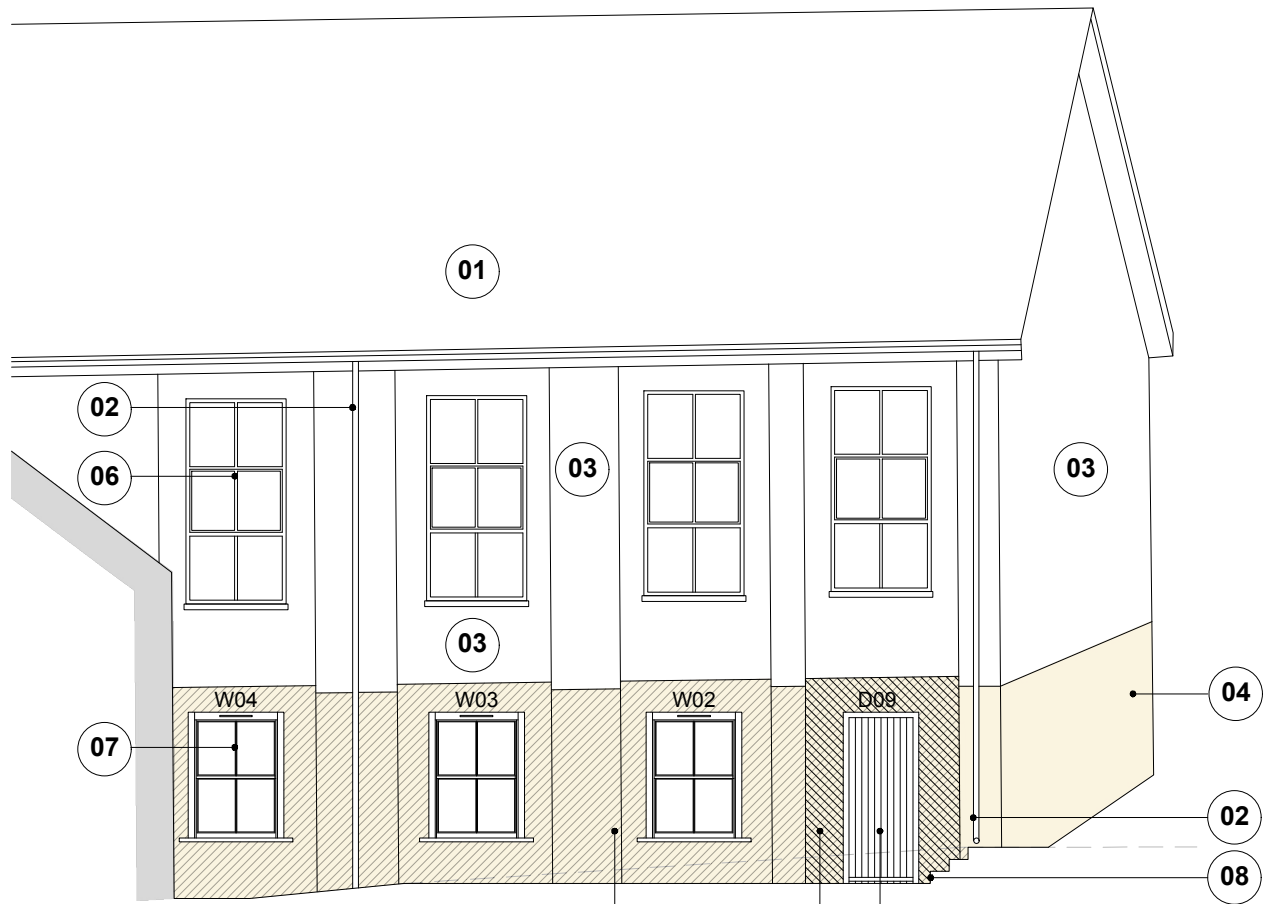
- a. Carefully remove existing cementious pointing/render or other non-original and inappropriate mortars, avoiding damage to the masonry. Removal is best achieved by continual gentle tapping with a hammer at the centre of area until the different mechanical properties between the stone and the cementious mix causes the two to part without damage. The process is lengthy and the time should be allowed for it. Removal methodology is to be tested with trial panels prior to works commencing in full. Care is to be taken to avoid damage to the stone substrate, particularly where the cement is well adhered. Avoid damage to edges of sound stone. Remove cement pointing by using hand tools such as quirks or narrow chisels.
- b. To the mortar joints beneath the existing render, and where there are defective lime mortars (those which are friable or have become detached from the adjacent masonry) should be raked out to a minimum depth of 30mm, or two times the width of the joint (if greater) where sound mortar exists. Where there is sound original lime mortars, these should be left in place, in accordance with the principle of minimum intervention. For the removal, use hand tools such as a flat-blade quirk for wide joints and a hacksaw blade for fine joints.
- c. Loose dust and debris should be brushed away using a hand-held blower, then the joint flushed out with clean water. The water is not to run unchecked down the masonry, as staining can occur.
- d. Whilst the stone remains wet, apply new pointing in a feebly hydraulic lime mortar to open joints, compressing the mortar with a pointing key of suitable width. Specification to be confirmed once the programme dates are known, allowance for a 1:2.5 mix to be included with a NHL 2 lime and local fine graded sands. Final specifaciton to be confirmed by the architect and samples to be provided by the contractor.
- e. Where there are large voids within the formation of the outer face of the wall, stone pinning's may be required to reduce the mortar in localised areas. A provisional sum should be allowed for this possibility, particularly to the nave wall where the construction is not regularised (as seen from the sample panel undertaken).

General allowances:

- Replacement Stone (if required) where existing cement render has eroded the stone to a significant extent - tbc following the removal of cementious render. Provisional sum for replacement stone of say 2m²
- Stone fillets are to be added to large voids to reduce the volume of lime mortar applied locally. Extent to be confirmed following the removal of the cementious render.
- Protections and wetting to allowed for within the scope of works.
- Allowances should be made for the removal and re-fixing of rainwater goods. Temporary provisions will be required for the management of surface water during the application of the new render.

The work described in these sections should be carried out by qualified stone masons working for an approved stonemasonry sub-contractor whose name shall be supplied to the CA for approval before putting the work in hand.

1 NORTH ELEVATION AS EXISTING
220 1:100 (approx)



Proposed North Elevation Notes

1. Roof: Slate roof with timber barge boards, fascias and soffits, all decorated black. Allow for redecoration to all external timberwork, to match existing.
2. RWG's: Black cast iron RWDP's and half round gutters. Downpipe to discharge into below ground drainage system. Allow for 1nr coat of decorations to all rainwater goods in black to match existing as specification M60/220.
3. Walls: Render, red colour. Allow for decoration to all existing surfaces as specification M60/206, repairing hairline cracks prior to decoration.
4. Walls: Rubble stone (location illustrated with hatch).
5. Remove render to the north elevation as outlined in WT4 on drawing 22-1039-230 to reveal rubble stone wall behind.
6. Windows: Upper windows are contemporary timber casement windows, decorated white. To be retained and redecorated during the works. Allow a provisional sum for isolated repairs to timber trims/beads.
7. New timber sash windows to W02, W03, W04 as illustrated on drawing 22-1039-222.
8. Re-order ground levels to accommodate new threshold to the new external doorway. Levels are to be confirmed and design reviewed prior to commencement of works. Re-ordering of ground levels to allow for threshold access to D09 and D10. Portable external metal ramp to be installed as and when required.
9. New external vertical boarded hardwood timber door, decorated black as illustrated on drawing 22-1039-223. Secondary access to G07 Lobby for use of G08a.
10. Refer to drawing 22-1039-230, wall type 02 for details of new walling in this location. New mechanical vents to pass through the new walling above door head to provide a means of intake and exhaust for new toilet, store and tea point. Details of vents to be confirmed by others.

Notes:

- a. A topographical and elevation survey are required to be undertaken to the north elevation and adjacent ground levels to confirm proposals. Proposals are to be confirmed by the Architect. This is to be undertaken prior to the commencement of construction works, and ideally prior to contractors tendering.

Project:	Refurbishment of Existing Basement at Canolfan Soar
Client:	Canolfan a Menter Gymraeg Merthyr Tudful
Address:	Theatr Soar, Pontmorlais, Merthyr Tydfil, CF47 8UB

Drawing Title:	North Elevation Wall Treatment as Proposed	Scale:	As shown at A3
Project No:	22-1039	Drawing No:	220
		Revision:	D
		Status:	RIBA Stage 4

2 NORTH ELEVATION AS PROPOSED
220 1:100 (approx)