## (B) Concrete Frame

1. Repair of rebar and render
. check cementitous matrix condition with 3500 psi jet wash
2. Water jet Power wash (domestic pressure)
3. Acid etch \& thorough rinse
4. Slurry coat
5. Spatter coat and render
(C) Timber Panels
6. Sand back to sound tim
7. Patch repair locally
8. One under coat and $2 \times$ topcoats or to
manufactures recommendations, gloss
paint ( colour to match existing )
(D) Windows
9. Existing non-compliant windows stripped out
10. Replacement UPVC double glazed windows

New Wall Lining

- 1 No. 12.5 mm Severe duty durable plasterboard
- 25 mm mineral wool insulation between treated timber battens
- Vapour control layer
- 150 mm metal stud framing
- 150 mm Mineral wool insulation tightly packed between

West Elevation - Option 01A (thermal connectively of $0.034 \mathrm{~W} / \mathrm{mk}$ )
Scale 1:100 @ A2

- 10 mm Calcium silicate building board
- Breather mebrane


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Indicative Elevations. Option 01

### 2018.00990.003 Van Marle <br> 

 $\cdots$(A) Stone Panels

1- Water pressure
2- Poultice
3-Soda blasting
B Concrete Frame

1. After repair of rebar and render
2. Overcladding with $\min 2 \mathrm{~mm}$ thick PPC Aluminium flashings on appropriate fixings - Colour to match existing
(C) Timber Panels
3. Sand back to sound timber
4. Patch repair locally
5. One under coat and $2 \times$ topcoats or to
paint - Colour to match existing

## D) Windows

1. Existing non-compliant windows stripped out 2. Replacement UPVC double glazed windows

New Wall Linings

- $\quad 1$ No. 12.5 mm Severe duty durable plasterboard
- 25 mm mineral wool insulation between treated timber battens
- 12.5 mm plasterboard
- 150 mm metal stud framing
- 150 mm Mineral wool insulation tightly packed between (thermal connectively of $0.034 \mathrm{~W} / \mathrm{mk}$ )
- 10 mm Calcium silicate building board
- Breather membrane

West Elevation - Option 01B
Scale 1:100 @ A2


South Elevation - Option 01 B Scale 1:100 @ A2


Plan Detail - Option 01B Scale 1:10@A2



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Option 03 - Remove and Reclad external envelope
A Stone Panels - Removed and replaced with.

- 75 mm treated timber horizontal counter battens
- 75 mm treated timber vertical batten
- 12 mm fibre cement render board - colour to match existing stone

B Concrete Frame - Overclad with:

- 50 mm treated timber horizontal counter battens with mineral
wool between and breather membrane over
- 12 mm fibre cement render board
- 2 Part Modified Silicone render
- colour to match existing concrete

C Timber Panels - Removed and replaced with:

- 75 mm treated timber horizontal counter battens
- 75 mm treated timber vertical battens
- 12 mm fibre cement render board

2 Part Modified Silicone render

- colour to match existing timber
(D) Windows

1. Existing non-compliant windows stripped out
2. Replacement UPVC double glazed windows

New Wall Lining

- 1 No. 12.5 mm Severe duty durable plasterboard
- 25 mm mineral wool insulation between treated timber battens
- Vapour control layer
- 150 mm metal stud framing
- 150 mm Mineral wool insulation tightly packed between

West Elevation - Option 03
Scale 1:100 @ A2
(A)


South Elevation - Option 03 Scale 1:100 @ A2



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