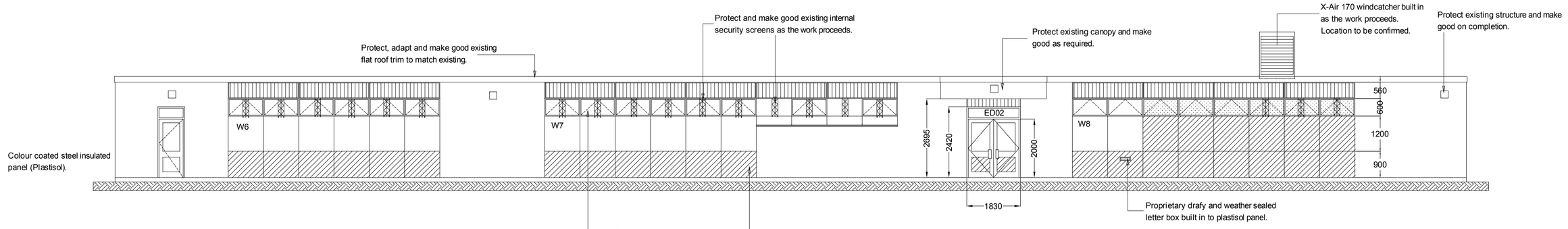
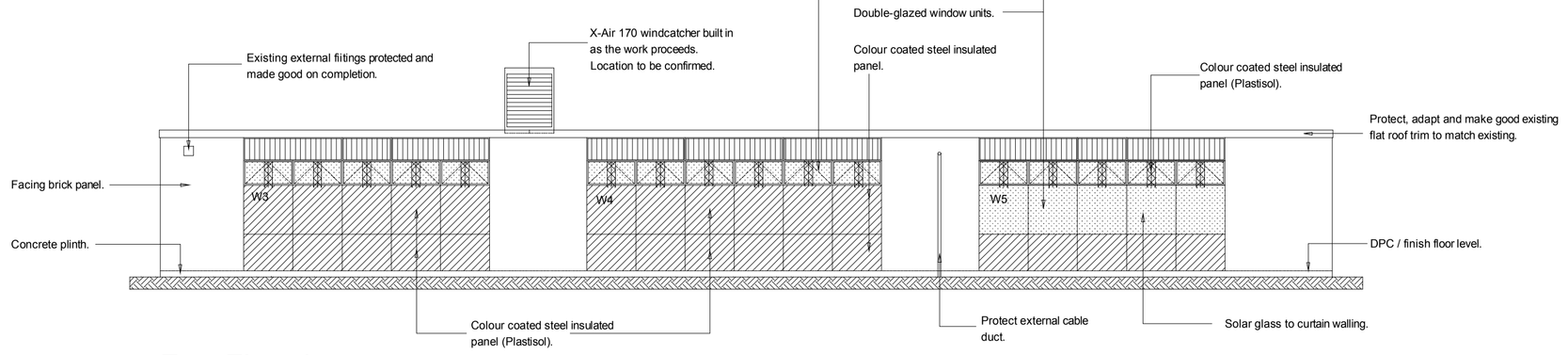


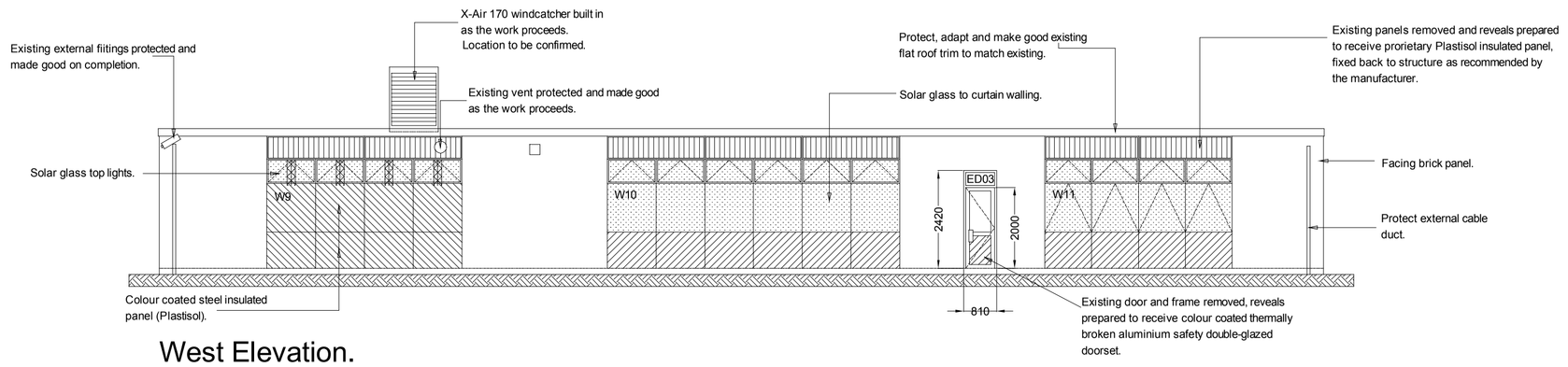
South Elevation.



North Elevation.



East Elevation.



West Elevation.

Block 2 Curtain Walling and Door Specification:

All specification notes to be read in conjunction with current British and European Standards, Codes of Practice, Building Regulations and Local Authority Standards.

General Notes:
1) All doors and curtain walling to be supplied & fixed by the Specialist Contractor or as otherwise indicated.
2) The General Contractor is to confirm all site structural opening dimensions prior to fabrication.
3) The door and curtain walling specialist contractor is to carry out a site visit to confirm structural opening sizes prior to fabrication off site.
4) Doors and curtain walling to be supplied and fixed by one of the approved specialist contractor's listed below:
Wessex Window Systems PLC.
Hazlemere Windows.
Micron Windows.

External Doors:-

ED01 and ED02:
Architectonics AC100 commercial high traffic non-thermally broken door and frame.
Glass: To BS EN 673
24mm O/A glazing.
6.4mm laminated softcoat.
14mm argon filled black.
Warm edge spacer.
4mm toughened.
Ironmongery:
Hinged door.
Dorma hold open operation closers.
Adams Rite MS2200 hooklock; key thumbturn cylinder.
Flush bolts to non-locking leaf.
SAA pad handles and push plates.
Drained low threshold.
Notes:
Colour: Frame - white Ral 9910 gloss to match existing.
Leaves - green Ral 6002 gloss to match existing.
Handle and lock to be 1350mm above finish floor level.
Overclad panel to ED02 - 6mm overclad panel comprising external plastisol face and external quality WBP ply with Styrofoam (50mm minimum - thickness to be confirmed) backing, complete with colour coated white aluminium drip flashing.

ED03:
Architectonics AC100 commercial high traffic non-thermally broken door and frame.
Glass: To BS EN 673
24mm O/A glazing.
6.4mm laminated softcoat.
14mm argon filled black.
Warm edge spacer.
4mm toughened.
Ironmongery:
Hinged door.
Adams Rite MS2200 hooklock; key thumbturn cylinder.
SAA D- handles and plate.
Drained low threshold.
Notes:
Colour: Frame - white Ral 9910 gloss to match existing.
Leaves - green Ral 6002 gloss to match existing.
Handle and lock to be 1350mm above finish floor level.

Curtain Walling Units:-

Windows W1 and W2:
Architectonics Euroline System curtain walling, consisting lower insulated panel, fixed glazed and top hung windows and overclad panel.
1) Windows:
Fixed and top hung lights.
Glass: To BS EN 673
24mm O/A glazing.
6.4mm laminated softcoat.
14mm argon filled black.
Warm edge spacer.
4mm toughened.
Solar glazed anti-sun (grey finish).
2) Profiles and Fittings:
18 x 135mm sill or equal approved.
Outer frame.
Vent.
Transom / mullion.
H Coupler.
Concealed Coupler (structural).
Teleflex winding gear.
3) Window colour: White Ral 9910 gloss to match existing.
4) Panels:
External inset panels - 24mm composite panel comprising internal and external plastisol face with 4mm external quality WBP ply and Styrofoam core. Colour - heritage green.
Overclad panels - 6mm overclad panels comprising of external plastisol face and external quality WBP ply with Styrofoam (50mm minimum - thickness to be confirmed) backing, complete with colour coated white aluminium drip flashing.
Notes:
1) Curtain walling system fixed back to existing structure with non-ferrous / S/S fittings in strict accordance with the manufacturer's instructions.
2) Window opening handles to be 1350mm above finish floor level.
3) Allow for drilling and cutting overclad panels to take existing services and make good and seal on completion.

Windows W3, W4 and W9:
Architectonics Euroline System curtain walling, consisting insulated panels with fixed and top hung windows and overclad panel.
1) Windows:
Fixed and top hung lights.
Glass: To BS EN 673
24mm O/A glazing.
6.4mm laminated softcoat.
14mm argon filled black.
Warm edge spacer.
4mm toughened.
2) Profiles and Fittings:
18 x 135mm sill or equal approved.
Outer frame.
Vent.
Transom / mullion.
H Coupler.
Concealed Coupler (structural).
Teleflex winding gear.
3) Window colour: White Ral 9910 gloss to match existing.
4) Panels:
External inset panels - 24mm composite panel comprising internal and external plastisol face with 4mm external quality WBP ply and Styrofoam core. Colour - heritage green.
Overclad panels - 6mm overclad panels comprising of external plastisol face and external quality WBP ply with Styrofoam (50mm minimum - thickness to be confirmed) backing, complete with colour coated white aluminium drip flashing.
Notes:
1) Curtain walling system fixed back to existing structure with non-ferrous / S/S fittings in strict accordance with the manufacturer's instructions.
2) Window opening handles to be 1350mm above finish floor level.
3) Allow for drilling and cutting overclad panels to take existing services and make good and seal on completion.

Windows W5, W10 and W11:
Architectonics Euroline System curtain walling, consisting lower insulated panel, fixed glazed and top hung windows and overclad panel.
1) Windows:
Fixed and top hung lights.
Glass: To BS EN 673
24mm O/A glazing.
6.4mm laminated softcoat.
14mm argon filled black.
Warm edge spacer.
4mm toughened.
Solar glazed anti-sun (grey finish).
2) Profiles and Fittings:
18 x 135mm sill or equal approved.
Outer frame.
Vent.
Transom / mullion.
H Coupler.
Concealed Coupler (structural).
Teleflex winding gear.
3) Window colour: White Ral 9910 gloss to match existing.
4) Panels:
External inset panels - 24mm composite panel comprising internal and external plastisol face with 4mm external quality WBP ply and Styrofoam core. Colour - heritage green.
Overclad panels - 6mm overclad panels comprising of external plastisol face and external quality WBP ply with Styrofoam (50mm minimum - thickness to be confirmed) backing, complete with colour coated white aluminium drip flashing.
Notes:
1) Curtain walling system fixed back to existing structure with non-ferrous / S/S fittings in strict accordance with the manufacturer's instructions.
2) Window opening handles to be 1350mm above finish floor level.
3) Allow for drilling and cutting overclad panels to take existing services and make good and seal on completion.
4) Proprietary draft and weather resistant letter box within low level Plastisol panel.

Curtain Walling and Door Key:

- Clear safety glass.
- Solar glass (anti-sun).
- Colour coated Plastisol insulated panel.
- Colour coated Plastisol insulated overclad panel.

C) Windcatchers Shown. JS, 02/07/12.

B) Low level top hung lights omitted; specification and key revised. MEB, 10/05/12.

A) Windcatchers and additional top hang lights added; specification notes revised. MEB, 1/05/12

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Project
Wildern School Window, Door and Roofing Refurbishment.

Drawing
Construction Drawing.
Phase: 1
Block 2 - Art and Design.
Proposed Curtain Walling Elevations; sheet 2 of 2.

Project / Dwg. No.
232/13 C

Drawn by / Checked
MEB/

Scale
1:100

Date
April 2012

Client
Wildern School, Hedge End, Southampton, Hants.
SO30 4EJ

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