

W01; W02; W05 and W06 - Same structural opening including spandrel panels between as shown.

W03; W04; W07 and W08 - Same structural opening including spandrel panels between as shown.

Windows

Manufactured from recycled VEKA plc systems Matrix 70 extruded hollow PVC-U to BS EN 12608. All joints are to be fully welded and finished with a shallow groove joint. All specialist contractors and to be fully trained and approved by the manufacturer. Window style to be 'Infinity Window System' or equal and approved. Providing min 10 year warranty for commercial applications.

Reinforcement to be carbon steel sections with corrosion resistant coating matching requirements for hot dip zinc coated conforming to BS EN 10346. Contractor to seek guidance from VEKA plc regarding wind resistance for all windows.

The contractor is to review and submit proposals to ensure that the proposed opening lights work correctly and to the Schools requirements and can be operated safely from floor level.

Notes

All windows to be provided with 100mm opening restrictors and trickle vents to achieve 5000mm² equivalent area to comply with A.D. Part F Through frame fixing screwed to masonry reveals.

Provide the following to all windows:
Lockable handle - 2 keys per unit
Espagnolette shoot bolts
Neoprene draught seals
Stainless steel screws - all windows
Extension cill externally

U-value 1.6 w/m²k to comply current building regs part A.D. part L

CONTRACTOR TO CHECK ALL SETTING OUT DIMENSIONS ON SITE PRIOR ORDER AND MANUFACTURE

Fasteners to be 25 x 3 x 150mm galvanized carbon steel frame cramps. Where not pre drilled or specified elsewhere, position fasteners 150-250mm from ends of each jamb, adjacent to each hanging point of opening lights but no closer than 1540mm to a transom or mullion centre line and at max 600mm c/c.

Sealant
Substrate to be dry and unaffected by frost, ice or snow, include for removing loose debris and make good prior to sealing. NB: Do not dry or raise the temperature of joints by heating. Fill joints completely and neatly, ensuring firm adhesion to substrate. Butt and lap joints, slightly concaved, fillet joints to be flat or slightly convex. Protect finished joints from contamination or damage until sealant has cured. Colour of sealant to match window and doors colour.

Window Ironmongery

All opening windows to be provided with 100mm opening restrictors. Simon Framevent and Airstrip 19000 ventilators at 5000mm² equivalent area to comply with A.D. Part F. Through frame fixing screwed to masonry reveals.

Provide the following to all windows, fixing or opener windows vary;

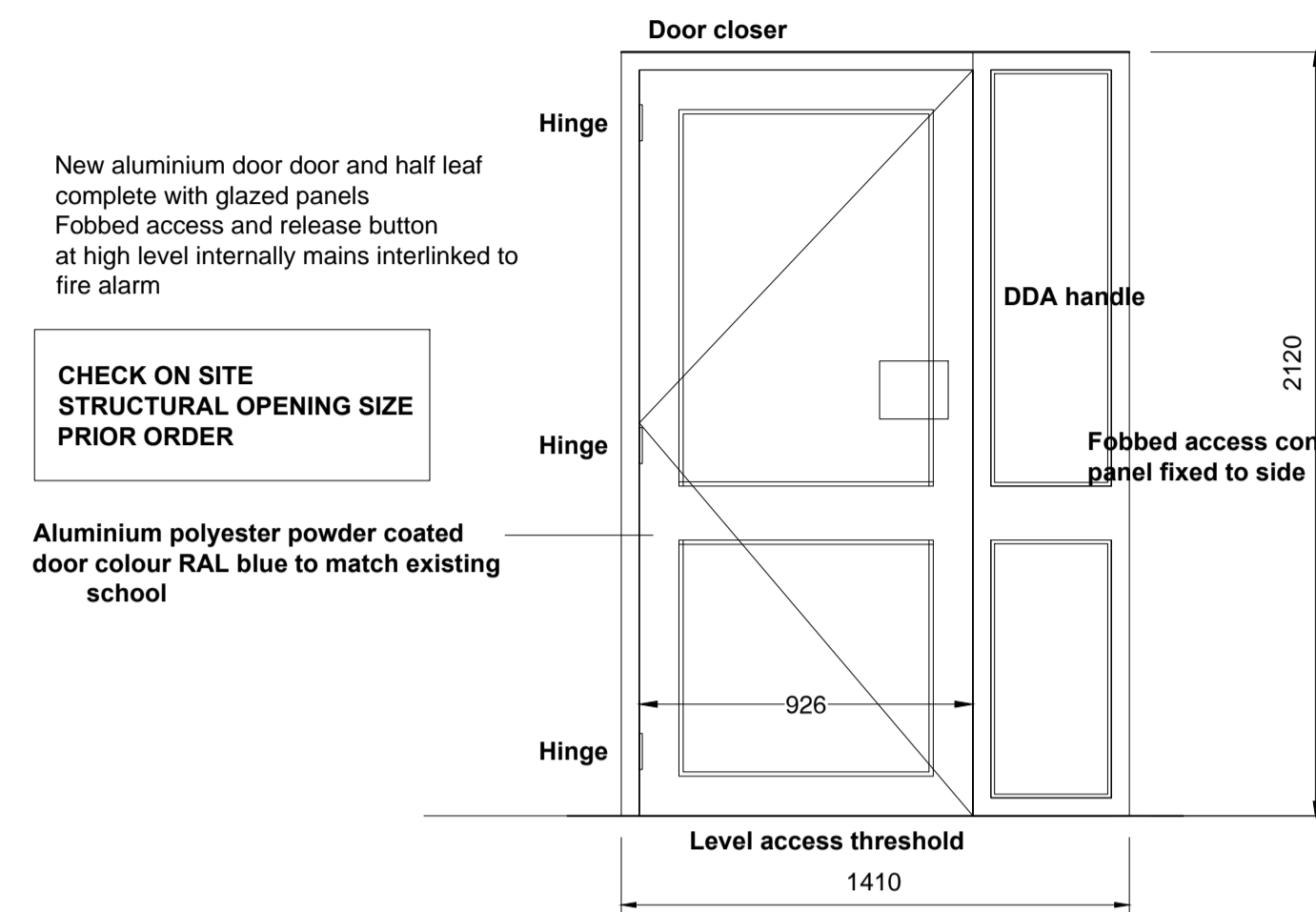
- Virage Inline White handle (2 keys).
- Maco Espags Mach II espagnolette shoot bolts.
- Stainless steel screws (all windows).
- Extension cill externally.
- Securistyle Defender edgress standard duty friction hinges.
- 100mm Opener restrictors.

Spandrel glass panels

Manufacturer and reference: CET Glass Processors Ltd; Lodge Way; Lodge Farm Industrial Estate; Northampton; Northamptonshire NN5 7US
Tel: 01604 596035; Sales = Sales@cetglass.com
Product: Spandrel glass double glazed unit manufactured from toughened float glass to BSEN 12150 with a single surface (internal face) sprayed coating of acrylic resin (2 coats to prevent pinholes).

Structural openings to be checked on site prior to ordering. Standard RAL colour. Colour TBC by school.

Window Elevations @ 1:20



ED01 OUTSIDE ELEVATION SHOWN

- External and internal fob reader.
- Magnetic lock release.
- Green push button internally
- Overhead door closer. Less 20N closing force
- Signage - Automatic Door Keep Clear.
- RAL blue TBC

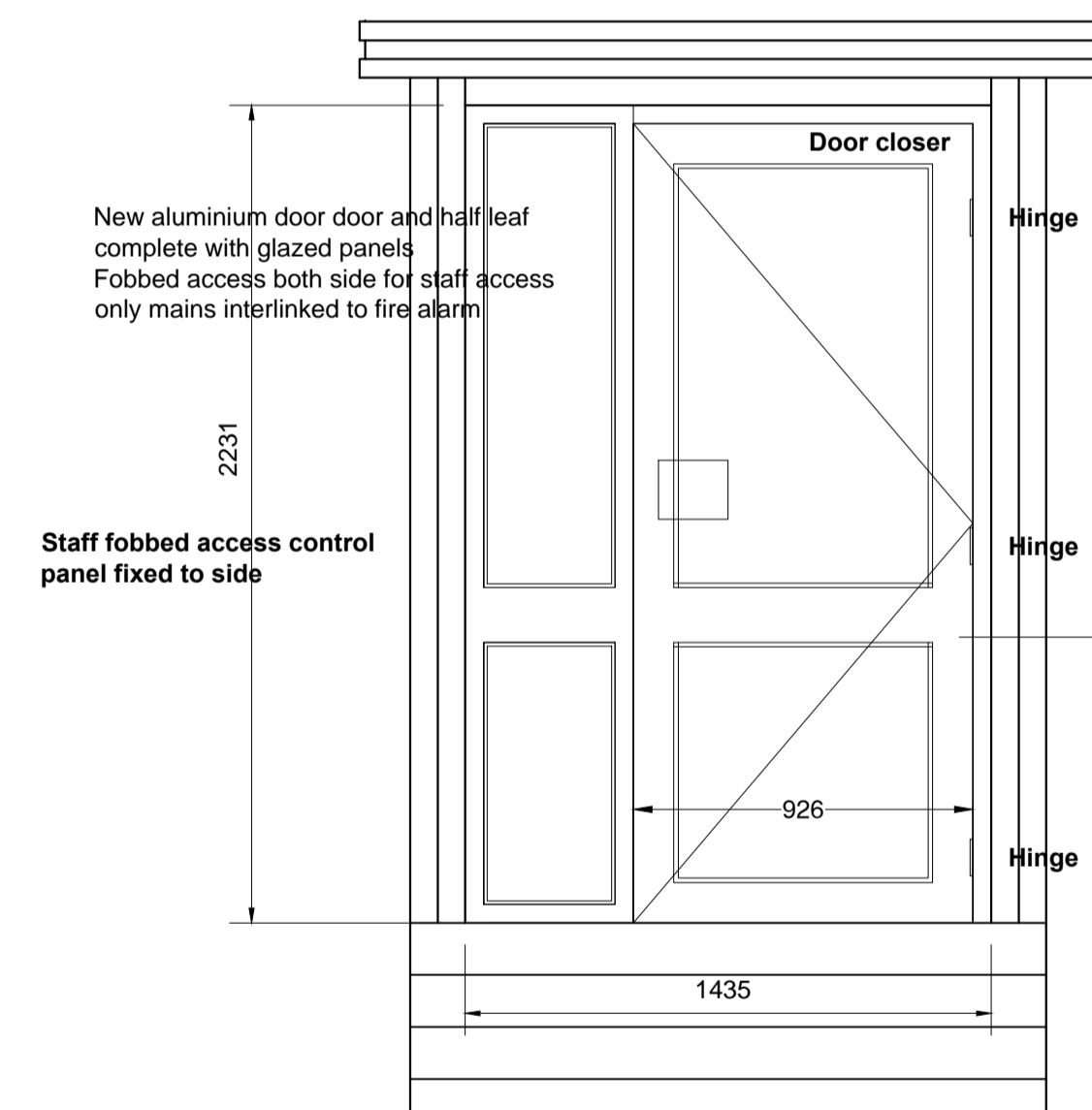
Notes:

NOTES
Do Not Scale from this drawing, each structural opening is to be measured accurately on site by the contractor or fabricator and any discrepancies reported to the Contract Administrator.

External Doors
The contractor is to review and submit proposals to ensure that the proposed doors work correctly and to the Schools requirements and can be operated safely.

Manufactured by Technal from profile aluminium alloy 6005T6, 6063T6 or 6060TS to BS EN12020, BS EN573-3, BS EN515 and BS EN755-1 to 9 dependant on chosen product range. See NBS Specification for full manufacturer's information.

Wiring to be installed in frame with a min 5m lose tail for wiring by others all by specialist door manufacturer.



ED02 OUTSIDE ELEVATION SHOWN

- External and internal fob reader
- Magnetic lock release.
- Overhead door closer Less 20N closing force.
- Signage - Fire Door Keep Clear.
- RAL blue TBC

Door Elevations @ 1:20

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C1	SBL	18.02.16				PROJECT Huningley Primary School Proposed Extension and External Works		PROJECT Huningley Primary School Proposed Extension and External Works		DRAWING NUMBER NPS-DR-A-(00)-29		REV CODE P 1				
Tender Issue addendum regarding glass specification for windows, note row references NBS Sections.		THIS DRAWING MAY NOT BE REPRODUCED IN ANY FORM WITHOUT PRIOR WRITTEN AGREEMENT OF NPS PROPERTY CONSULTANTS LTD.		© CROWN COPYRIGHT AND DATABASE RIGHTS 2016 ORDNANCE SURVEY LICENCE NUMBER 100022264		1:20		PROJECT Huningley Primary School Proposed Extension and External Works		STATUS CODE D2		PURPOSE OF ISSUE TENDER		DRAWN BY PHhepp		
P3	SBL	10.12.15														
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