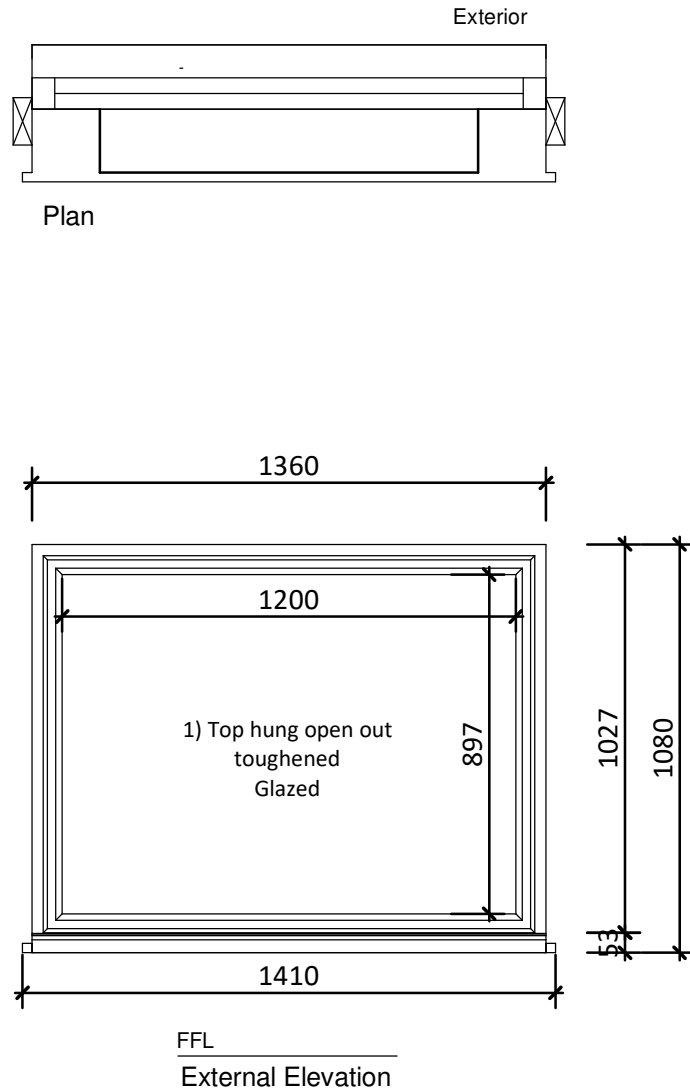


PPC Aluminium Windows



Type A

Specification: Aluminium Windows

Aluminium Windows:

Window framing to be PPC coated aluminium
Refer to drawing A3-001 for External doors
Refer to drawing A3-002 for External Windows

Manufacturer: AL UK

Type: Optio 58BW
Thermally Enhanced Double Glazed Casement Windows.

1) Sashes are top hung, open out.

Performance:

Double Glazed: 28mm 1.4 w/m²k U Value
BRE: A rated
Air tightness: Class 4 (600Pa)
Water tightness: Class 9a (600Pa)
Windo Load: Class E2400 (2400 Pa)
Security: Q Mark and Pas 24 Secure by Design
Opening: Open Out
Swing: Top hung
Frame depth: 70mm
Locking Multi Point
Sightline: 75mm
Sashes: does not exceed max apperture size

Frames:

Aluminium: Even leg
Cills: Extended cill to project over the face of the Render facade.
Drip: Clip fit drip rail to frames above opening lights.

Glass Specifiacion:

28mm Double glazed units.
Outer: 6mm Pilkington SunCool 70/35 OW - toughened Safety Glass where shown .
16mm Swiss V Spacer - 90% Argon filled
Inner: 6mm Pilkington Optifloat - to all windows where safety glass to part K is not required
Inner: 6.4mm Optifloat - laminated (where Safety glass is required to meet part K as shown)
G Factor 37%
Light Transmittance 69%
Total Shading Coefficeint 43%
Centre Pane U value should achieve 1.1 w/m²k
Toughened safety glass to be provided in accordance with Part K diag 5.1.:-
All glass within 800mm off FFL
All doors within 1500m off FFL
All glass to side panes to doors or in windows within 300mm vertically where siding a door
Manifestations : not required as all windows are HL to Ground floor

Ironmongery / Hardware:

Window Ironmongery (top hung sashes):
Top hung, open out
• Stainless Steel hinges,
• PN Uni hinge
• Maco Rail Espagnolet with Window hook
• Roto TSL Es[ag
• Keyed locking handles to ground floor (Secure by Design.

Opening Mechanism:

All opening windows are to be mounted to allow opening with window hook
/ Client to confirm if Teleflex required

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Rev	Drawn	Comments	Date
1	BPA	For Client Comment/Sign Off	Oct 2020
2	BPA	Tender	21 Oct 2020

bpArchitecture
 ☎: 01782 515 555
 ✉: Enquiries@bpArchitecture.co.uk
 🌐: www.bparchitecture.co.uk
 93 High Street, Biddulph, Staffs ST8 6AB
 Architects-Interior Designers-Conservation-Landscape Architects

Client
Nantwich Town Council

Project
Proposed Alterations and Extension to Nantwich Civic Hall, 4 Market St, Nantwich CW5 5NF

Title
Pictorial Schedule - External Windows

Package **3 Openings Schedules**

Dwg Stage Dwg Status

RIBA Stage 4B Technical Design

Date **September 2020** Drawn **MQ**

Scale @A3 **1 : 20** Checked **BSP**

Project No Originator Block Level Type Role Element Drawing No Rev

20-051_-BPA-CH-00-SH- **A3-002 T 2**

Tender