

Building Fabric Materials Schedule

- [01] Wall Type 1 - Kingspan KS-1000RW c/w 80mm thick insulation core. To be finished with timber rainscreen tongue and groove system (factory applied coating) - NORclad (UK) Western Red Cedar: NWC3 (or similar approved). Timber cladding panels to be fixed using stainless steel grade 304 fixings (annular ring shank nails with a flat head) on 45mm x 45mm 'Brunnea' treated timber battens @600mm centres (vertically laid).
- [02] Wall Type 2 - Composite metal cladding, 60min fire rated Kingspan Quadcore KS-1000RW (60/15 integrity/insulation) with 74mm thick insulation core to achieve 0.25 W/m2K Maximum span to be 3m. Joints to be internally stitched at centres to manufacturer's recommendations where fire protection is required. Vertical Trapezoidal profile - White Aluminium (RAL 9006)
- [03] Roof type 1, Composite System KS1000RW Trapezoidal Grey Aluminium (RAL 9007) with Kingspan KS1000 DLTR Lay-lite rooflights
- [04] Feature Portico in Pressed Aluminium Flat sheeting Colour : Pure White RAL 9010
- (A) Operational Door - Level Access
Sectional insulated shutter in Anthracite (RAL7016) externally and internally
- (B) Eaves & Vergle bullnoses
Aluminium profiles, PPC finish Anthracite (RAL 7016)
- (C) Personnel Access / Escape doorset - Warehouse
Galvanised steel with thermally insulated core, PPC in Anthracite (RAL 7016) externally and internally
- (D) Rainwater Goods
Gravity fed rain water system with Aluminium rainwater downpipes Grey Aluminium (RAL 7016).
- (E) Glazed Canopy
Proprietary glazed canopy over doors
- (F) Signage zone

FINAL CONSTRUCTION RECORD

- This drawing represents a record of the last construction information issued by 'C4 Projects Ltd'.
- In absence of any alternative information provided by the Principal Contractor this drawing can be used for information and reference purposes only.
- The information contained on this drawing has been provided in good faith and is understood to be correct at the date of release.
- ALL information shall be verified with on-site built conditions prior to ANY 'Third Party' use or any Independent Person' executing additional design or alteration works to any part of the as-built construction.
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- C4 Projects Ltd' will NOT be held liable for any inaccuracies between Final Issued information and As-built site conditions, or any damages that occur as a result of any discrepancy in the information relied upon. Any contradiction in the information supplied shall be made known to the originator in the first instance for further advice.

AIR PERMEABILITY AND PRESSURE TESTING

Reasonable provision shall be made to ensure the building is constructed to minimise unwanted air leakage through the new building fabric. The measured air permeability to be in compliance with the Target CO2 Emission Rate (TER) design limits.
Air Permeability 5 m³/(h.m²) at 50 Pa
All buildings above 500 m² of total useful floor area must be subject to pressure testing

ADDITIONAL NOTES:

Only **non-combustible** materials are to be used on the building envelope. In relation to timber the façade must meet Euro Class B/Class '0' (BS 476 Part 6 & 7 'Spread of Flame').

Drawing Status

CONSTRUCTION RECORD

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All dimensions are to be checked on site by the contractor prior to proceeding with any work. This drawing shall not be scaled to ascertain any dimensions, work to figured dimensions only.

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SOFTWARE INTEROPERABILITY

C4 Projects prepared this drawing using Autodesk® REVIT® Architecture.

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Hazard Identification

ref	hazard	date
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PROJECT NOTES

- Design information indicated on this drawing is to be used solely for **COORDINATION** purposes.
- Development proposals are to be read in conjunction with all referenced drawings and documents.
- Soft Landscaping shown is indicative, refer to Landscape Architect design for full details.
- Any proposed levels are indicative and subject to change to suit Civil Engineers design.

REFERENCE DRAWINGS

AV-XX-DR-A-0101 - Site Location Plan
AV-XX-DR-A-0202 - Site Constraints Plan
AV-XX-DR-A-0501 - Site Plan as Proposed
AV-XX-DR-A-0502 - Proposed Site Surfaces & Boundary Treatments
AV-XX-DR-A-0503 - Proposed Bike Store & Cycle Store

Refer to 20 Series For Building GA Plans
Refer to 21 Series For Building GA Elevations
Refer to 22 Series For Building GA Sections
Refer to 23 Series for Setting Out
Refer to 24 Series for RCPs
Refer to 25 Series for Detailed Sections
Refer to 30 Series for Floor Types
Refer to 43 Series for Door Schedules
Refer to 62 Series for Fire Strategy

U-VALUES, AIR PERMEABILITY & TESTING

U-VALUES

Please refer to BRUKL calculations for further information

Calculate area-weighted average U-values

External Walls 0.26 W/m²K
Party Walls 0.26 W/m²K
Ground Floor 0.22 W/m²K
Roof 0.18 W/m²K
External Personnel Doors 2.2 W/m²K
Windows 1.6 W/m²K
Curtain Wall 1.4 W/m²K
Roller Shutters 1.6 W/m²K

C05	Amends Per Construction Record	JC	12.02.24	SS
C04	Construction record Issue	GN	29.01.24	SS
C03	Cladding updates	SS	04.09.23	
C02	Construction Issue	AM	21.02.23	SS
C01	Co-ordination Update	AM	03.02.23	SS
P8	Variation Update	AM	30.11.22	SS
P7	Contract Issue	AM	14.09.22	SS
P6	Cladding clarification	SS	29.06.22	
P5	S.E Co-ordination Issue	AM	09.05.22	SS
P4	Level Access Door Omitted	AM	28.04.22	SS
P3	Cladding Specification Amended	AM	13.04.22	SS
P2	Coordinated V4 Tender Issue	AR	14.03.22	SS
P1	Planning Issue (Full App)	BE	18.02.22	DC
Rev	Revision Details	Drawn	Date	Checked



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Project Management • Architecture • Building Surveying • Cost Consultancy

Client

Village Bakery

Project

New B2 / B8 Facility Coed Aben Rd
Wrexham Industrial Estate

Drawing Title

Elevations as Proposed (C&D)

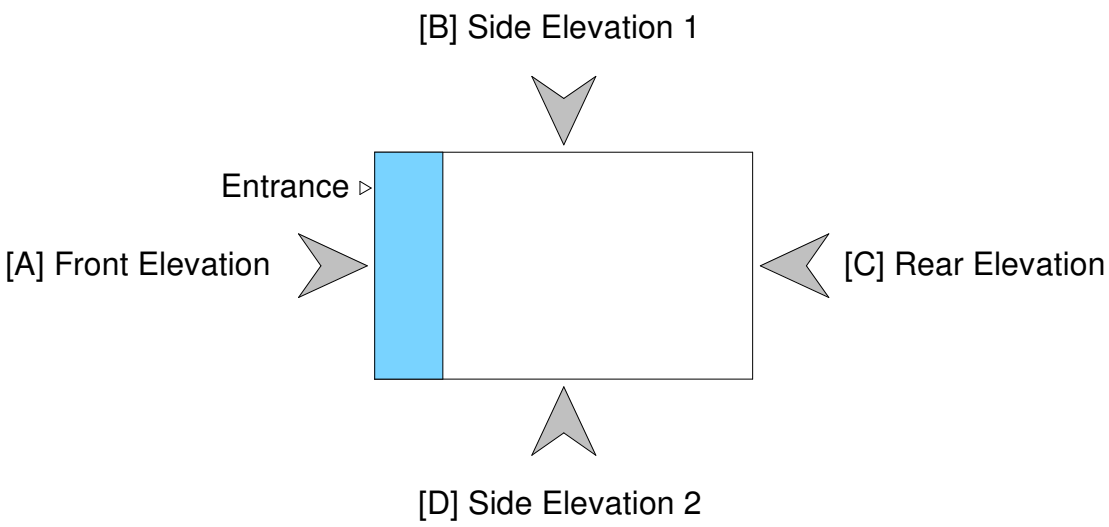
Status Purpose of Issue

CR FINAL CONSTRUCTION ISSUE

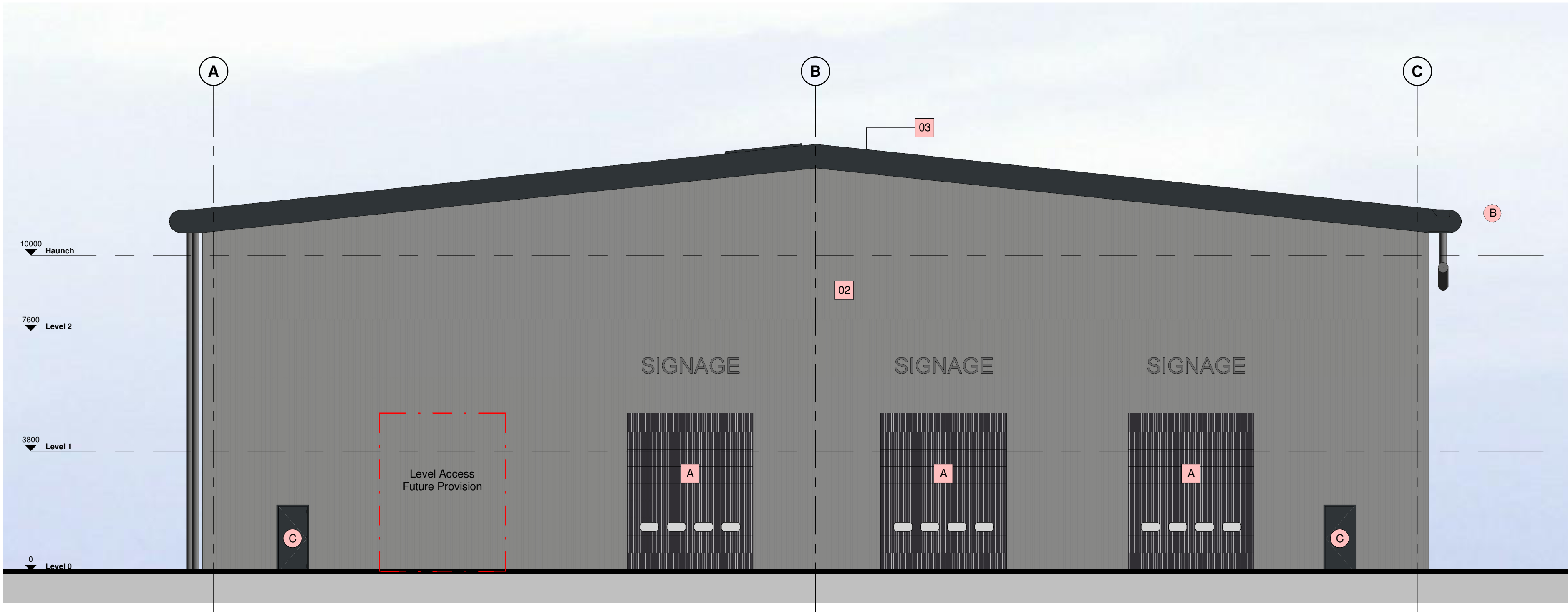
Drawn by BE Created 03.06.21

C4 Job no. 21077 Scale As indicated @ A1

Drg no. 21077-C4P-V4-ZZ-DR-A-2102 Rev C05

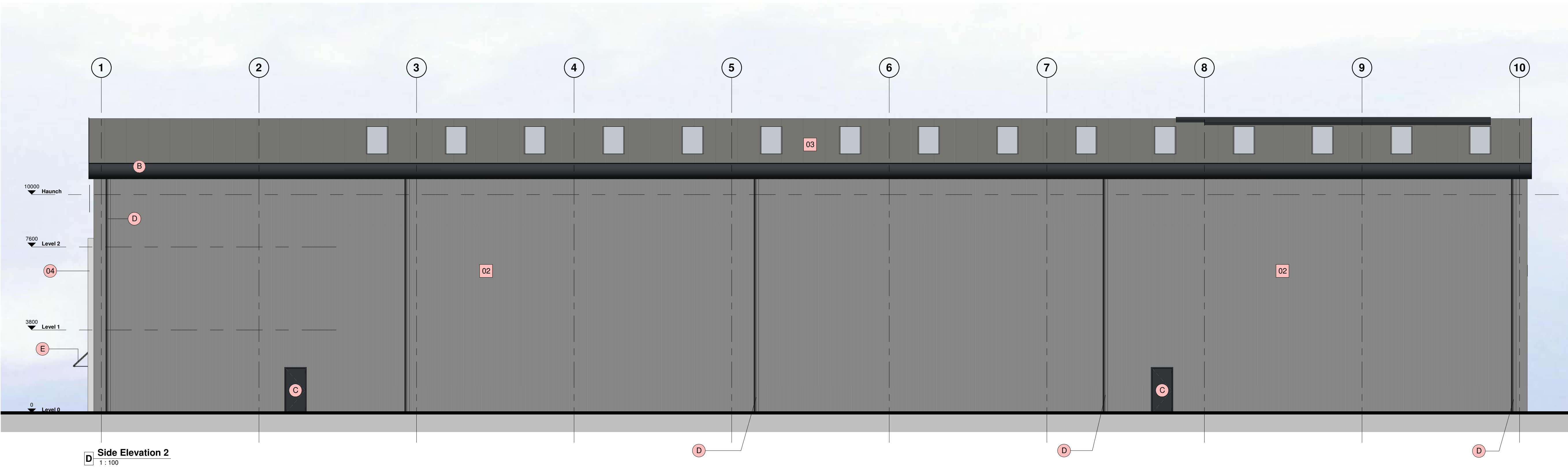


Elevation Reference Key



C Rear Elevation

1:100



D Side Elevation 2

1:100