Lutterworth Town Council Building

Proposed Side Elevations

143-TAA-XX-ZZ-DR-A-5101 T02

Key

EW1

EXTERNAL WALL TYPE EW1
Maximum Regulatory U-Value: **0.26 W/(m².K)**
Maximum Target U-Value: **0.18 W/(m².K)**

20mm	K-Rend Roughcast Render - *Refer to NBS M20.*
100mm	Thermalite Dense Block (SE to confirm strength).
50mm	Cavity Air Gap.
75mm	Celotex CW4000 PIR Insulation - *Refer to NBS F30.*
100mm	Thermalite Dense Block (SE to confirm strength).
10mm	Dot & Dab.
12.5mm	Gyproc Wallboard.
5mm	One Coat Plaster Skim Finish.
372.5mm	**Total Thickness**

EW2

EXTERNAL WALL TYPE EW2 (BRICK INFILL)
Refer to Details & Elevations for further information.
Maximum Regulatory U-Value: **0.26 W/(m².K)**

102.5mm	Facing Brick Work
50mm	Air Gap.
75mm	Celotex CW4000 PIR Insulation.
102.5mm	Brick Work (for Use on Exposed Internal Leaf).
330mm	**Total Thickness (TBC on Site)**
	Cavity Brick Infill Wall To Match Existing

EW3

EXTERNAL WALL TYPE EW3 (FEATURE WALL)
No Regulatory U-Value Required.
Installed as Recommended by Manufacturer

10mm	VMZINC Standing Seam (Colour TBC).
18mm	Plywood.
1mm	VMZINC Membrane.
215mm	Thermalite Block (SE to confirm strength).
1mm	VMZINC Membrane.
18mm	Plywood.
10mm	VMZINC Standing Seam (Colour TBC).
323mm	**Total Thickness**

EXTERNAL WINDOWS/GLAZING
Maximum Regulatory U-Value: **1.6 W/(m².K)**
Refer to schedule & Elevations for further details & information.
All cavities to be closed with insulated fire rated cavity closers.

EXTERNAL DOOR
Maximum Regulatory U-Value:
(Pedestrian doors, including glazed doors): **1.6 W/(m².K)**
(High-usage entrance doors) : **3.0 W/(m².K)**
Refer to schedule & Elevations for further details.
All cavities to be closed with insulated fire rated cavity closers.

WINDOW EXTRUDED BOXING DETAIL
Maximum Regulatory U-Value: **1.6 W/(m².K)**
Refer to details & elevations for further details

R1

ROOF TYPE R1
Proposed New Roof to match Existing:
Existing Roof Build-up to be investigated before any works commence:
Maximum Target U-Value: **0.18 W/(m².K)**
Assumed Existing Flat Roof Build-up:

1mm	BBA Approved Single Ply Membrane - *Refer to NBS J42.*
18mm	OSB Board
1mm	Vapour Control Layer
TBC	Joists to SE Design.
TBC	Insulation between Joists, to be designed by specialist.
47.5mm	**Total Thickness**
197.5mm	**Total Thickness (Assumed with 150mm Joists)**

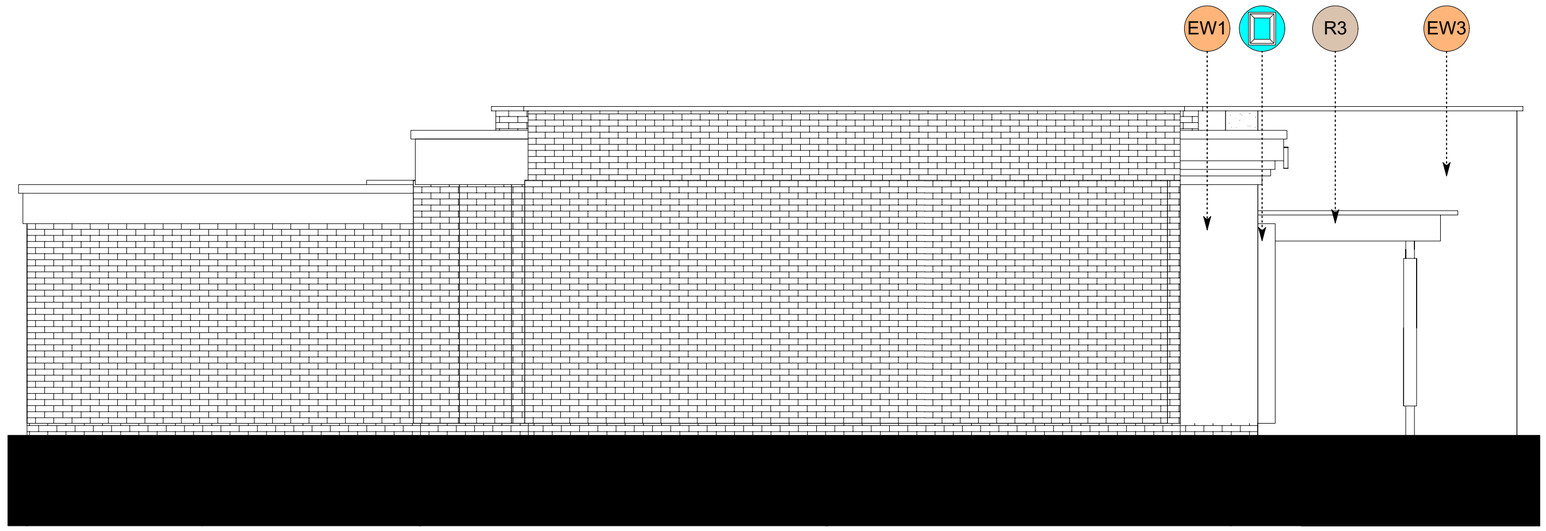
R2

BESPOKE CORNICE DETAIL
Allowance to be made for a bespoke three tier cornice detail to wrap around proposed flat roof.

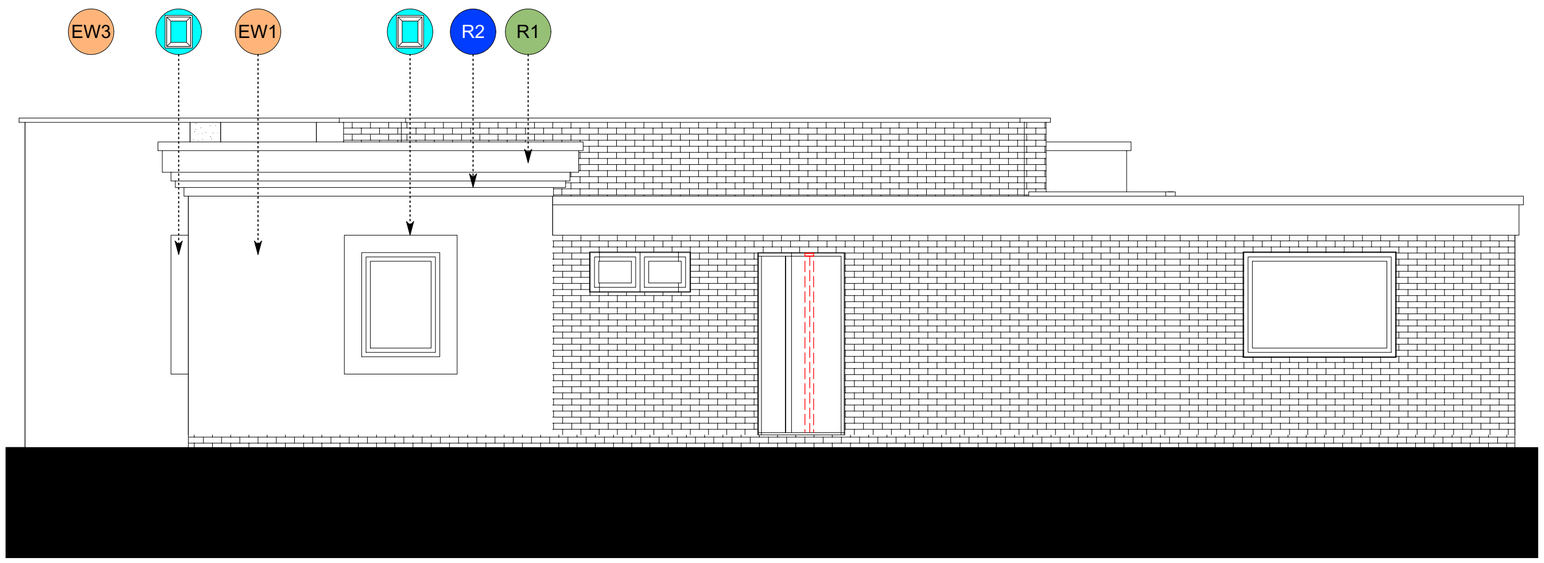
R3

GREEN ROOF CANOPY
Calculated Target U-Value: **N/a W/(m².K)**

28mm	BauderGreen XF 301 Vegetation
20mm	BauderGreen SDF Drainage Mat
1.5mm	Bauder THERMOPLAN T 15
18mm	OSB Water Resistant Board
100mm	Celotex TB4000 (Between rafters)
TBC	Joists (Specified by Sub-Contractor)
1mm	Breather Membrane
168.5mm	**Total Thicknesss**



1 Proposed Side Elevation
Scale: 1:50



2 Proposed Side Elevation
Scale: 1:50

Notes:

This drawing is to be read in conjunction with all other consultants and specialist sub-contractors' drawings, throughout design, tender & construction. All structural and MEP information shown on these drawings is based on structural & MEP philosophy & is to be fully designed, detailed & dimensioned by 'others'.

All specified manufacturers are 'or equal & approved' whether stated or not. Any equivalent product or manufacturer must be approved in writing by the Contract Administrator and Principal Designer before use. All drawings are to be read in conjunction with project specific National Building Specification

The main contractor is responsible for checking all dimensions prior to commencement of work. Any discrepancies discovered must be reported to the Contract Administrator as soon as they become apparent.

Suitable for Tender - S1

Rev	Date	Revision Details	Author
T02	17/11/2023	Wall and roof details revised	SD
T01	09/11/23	Initial issue	SD

TIM ADAMS ARCHITECTS

Client	Lutterworth Town Council
Job	Lutterworth Town Council Building
Title	Proposed Side Elevations

Drawn	Date	Checked	Date
SD	Sep 2023	TA	Sep 2023
Scale	1:50	Size	A2

Drawing Number	Revision
143-TAA-XX-ZZ-DR-A-5101	T02

Status & Purpose For Issue	Status
Suitable for Tender	S1

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