


Lutterworth Town Council Building

Proposed Roof Plan

143-TAA-XX-ZZ-DR-A-4000

T02

Key

 **EXISTING FLAT ROOF TO BE RETAINED.**  
Contractor to make good where required at existing/proposed roof junctions.  
Refer to drawing 6100 Proposed Sections.

**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)**


No existing rainwaterpipes to front facade.  
Existing rainwater pipes to be retained. Proposed roof to match existing fall (assumed 1:60).

**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 Thickness**

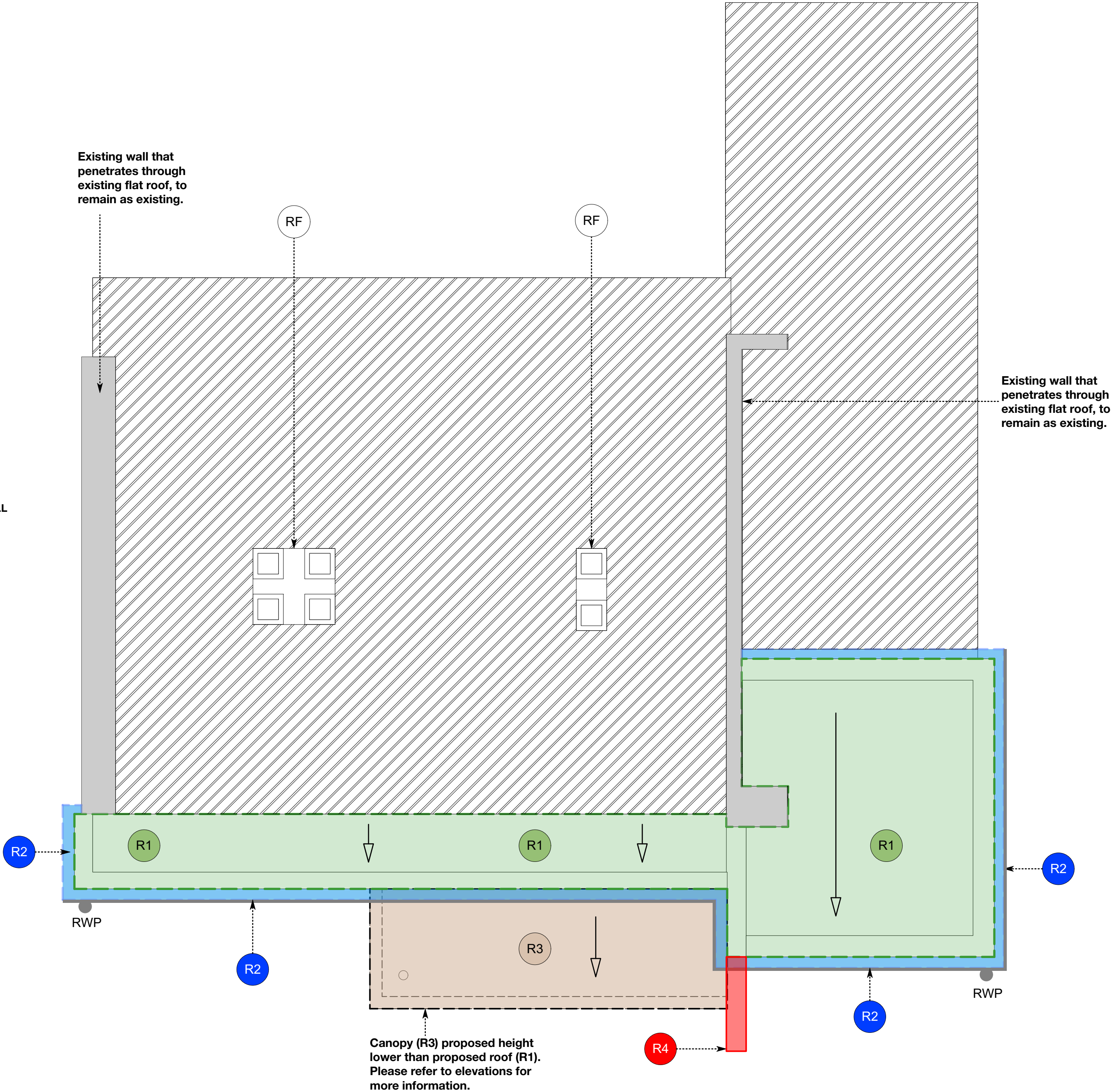
**R4**  
**EXTERNAL WALL TYPE (FEATURE WALL)**  
**ASH & LACY STANDING SEAM CAPING OVER TOP FACE OF WALL**  
No Regulatory U-Value Required.  
**Installed as Recommended by Manufacturer**  
10mm Ash & Lacy Standing Seam (Colour TBC).  
18mm Plywood.  
25mm Ventilation.  
1mm Membrane fixed onto top of blockwork.  
**54mm Total Thickness**

**RF**  
Existing Rooflight Light Tunnel's to be retained. Contractor to carefully remove existing ceiling to be removed and make good before new MF plasterboard ceiling installed.

 Proposed PVC-U black guttering and rainwater pipes.  
Rainwater downpipes: round at 110mm diameter.  
Rainwater guttering: half-round atn 112mm diameter.

**Existing flat roof slope to be investigated on site before any works commence.**

No existing rainwaterpipes to front facade.  
Proposed roof to match existing fall (assumed 1:60).  
Direction indicated with arrow as shown



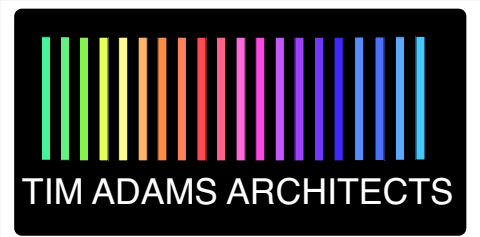
**Notes:**  
This drawing is to be read in conjunction with all other consultants and specialist sub-contractors' drawings, throughout design, tender & construction. All structural and MEP information shown on these drawings is based on structural & MEP philosophy & is to be fully designed, detailed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

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T02 17/11/2023 Roof layout revised SD  
T01 09/11/23Y Initial issue SD

Rev	Date	Revision Details	Author
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**TIM ADAMS ARCHITECTS**

Client	Lutterworth Town Council
Job	Lutterworth Town Council Building
Title	Proposed Roof Plan

Drawn	Date	Checked	Date
SD	Sep 2023	TA	Sep 2023
Scale	1:50	Size	A2
Drawing Number		Revision	
143-TAA-XX-ZZ-DR-A-4000		T02	

Status & Purpose For Issue	Status
Suitable for Tender	S1



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