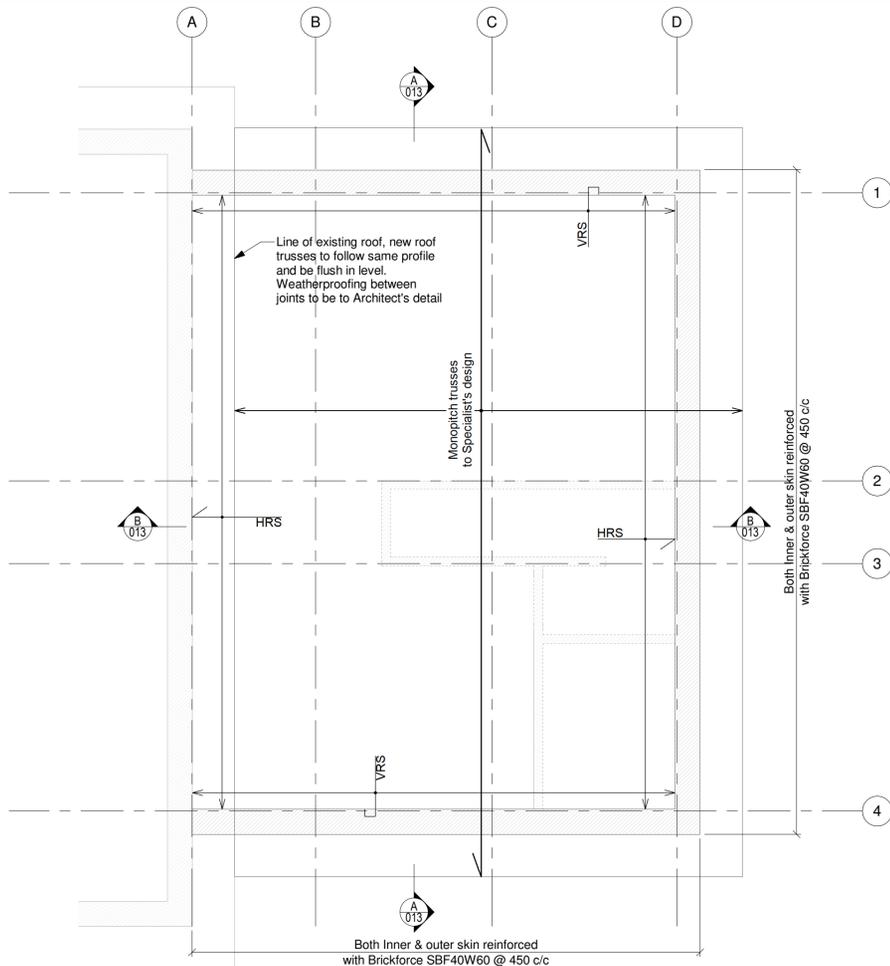


**General Arrangement
Proposed First Level Plan**
Scale 1 : 50



**Structure
Proposed Roof Level Plan**
Scale 1 : 50

Sheet Legend	
Ref.	Description
---	lintel centreline/over
↔	span extent & directional arrow
HRS	30w x 5thk strap at max. 1800mm c/c fixed over min. 3No. joists. Noggins to be used between joist at strap location & straps screw fixed to noggins at 200mm c/c
VRS	30w x 5thk vertical restraint strap at max. 1800mm c/c. Strap to be min. 1000lg & fixed to middle of masonry unit with screw and plug fixings at 225mm c/c
WS	wall to be connected to existing using proprietary wall starters with sliding sleeve ties at max. 225mm c/c vertically

Structural Lintel Schedule L01	
(refer to 'Lintels' sheet notes)	
Ref.	Member
L01/01	Steel Lintel : HD/K-90
L01/02	Steel Lintel : HD/K-90
L01/03	Steel Lintel : HD/K-90
L01/04	Steel Lintel : S/K-90
L01/05	Steel Lintel : HD/K-90
L01/06	Steel Lintel : HD/K-90
L01/07	Steel Lintel : HD/K-90
L01/08	PC Lintel : 2No. 100w x 65dp

Structural Column Schedule	
(refer to 'Steelwork' sheet notes)	
Ref.	Member
C01/03	85x60x5 'Ancon WP3' windpost
C01/04	85x60x5 'Ancon WP3' windpost
C01/01	85x60x5 'Ancon WP3' windpost
C01/02	85x60x5 'Ancon WP3' windpost

Design Assumptions

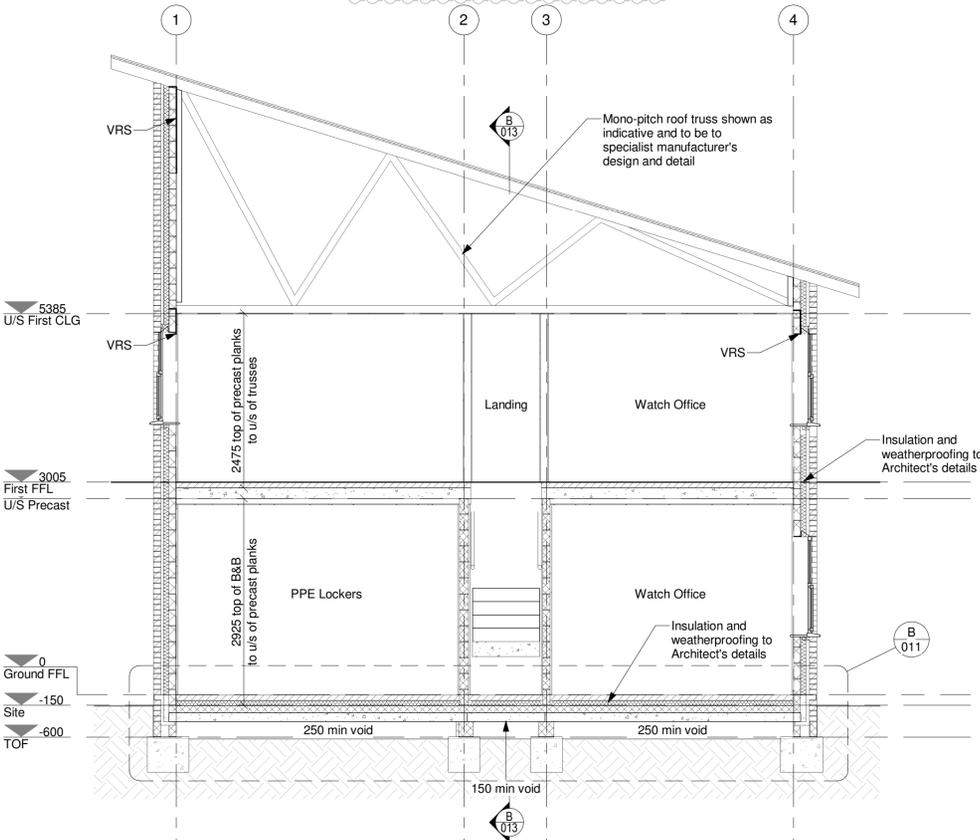
The following assumptions have been made to process the design & must be confirmed/clarified on site by the contractor prior to works. If found to be otherwise, Engineer to be notified immediately.

- Trusses to span full width of building, supported off external walls only
- Existing roof assumed to be prefabricated roof trusses spanning full width and not supported off internal walls

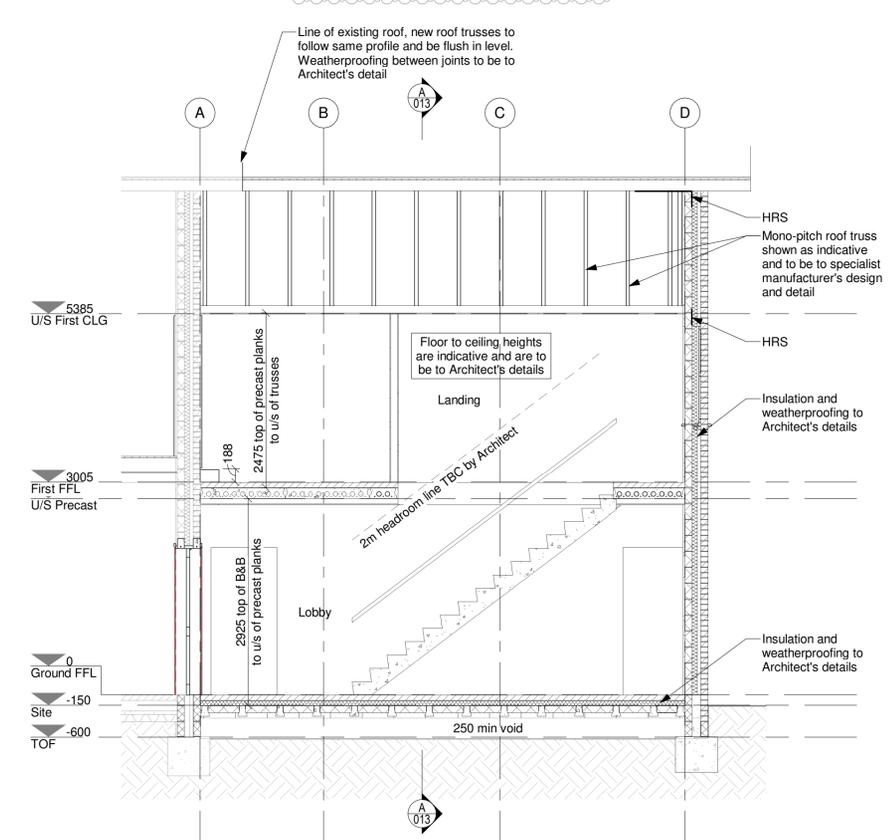
Roof Trusses

Roof shown as indicative only, roof to be designed by truss roof specialist, strictly in accordance with BSEN 1991 and BS 1995. Specialist design must be co-ordinated with Engineer prior to construction

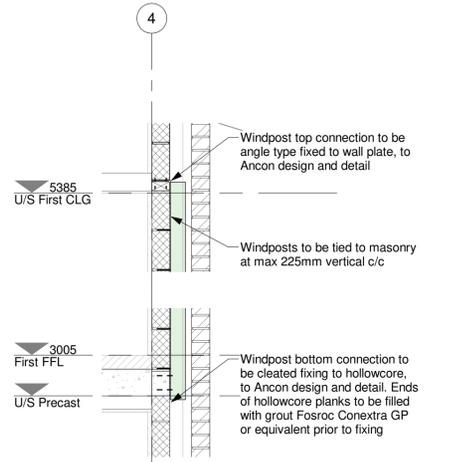
Bracing & Stability of trusses during & after work to be designed by Specialist



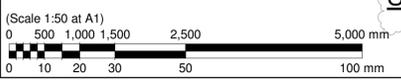
Section A-A - Long Building Section
Scale 1 : 50



Section B-B - Short Building Section
Scale 1 : 50



Typical Windpost Connection Detail 1
Scale 1 : 20



Notes

1) GENERAL
a) this drawing is copyright protected and may not be used, reproduced or relied upon by third parties except as explicitly agreed by Michael Aubrey Partnership Ltd.
b) all measurements must be obtained from stated dimensions and must not be scaled except for Local Authority planning application purposes
c) all dimensions are in millimetres unless noted otherwise and must be verified on site prior to works
d) all drawings are to be read in conjunction with all other project drawings and any discrepancies must be reported immediately for clarification
e) all proprietary products are to be installed strictly to Manufacturer's instructions
f) for complete schedules, legends, sheet notes & specification notes, refer to '900' series drawings
g) all DPM, DPC, finishes & sound & thermal insulation are shown as indicative only, to be to Architect's details

2) for structural notes refer to drawing MAP/C2978/012

Rev.	Date	By	Description
0	18.12.2017	APC	Amended to Client's comments
0	15.12.2017	APC	First Issue

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Project
**Lutterworth Fire Station -
Extension to Appliance Building**

Client
**Lutterworth FRS, Gilmorton
Road, Lutterworth,
Leicestershire, LE17 4DZ**

Title
**First Level GA, Roof Structure
GA & Building Sections**

Drawing No. MAP/C2978/013	Revision A
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Project No. C2978	Date 18.12.2017
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Drawn by APC	Checked by OG
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Scale As indicated	Sheet Size A1
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