**PROVISIONAL ISSUE - DRAWINGS ARE NOT TO BE CONSTRUCTED FROM. ISSUED FOR CLIENT REVIEW ONLY. DRAWINGS REQUIRE STRUCTURAL CO-ORDINATION.**

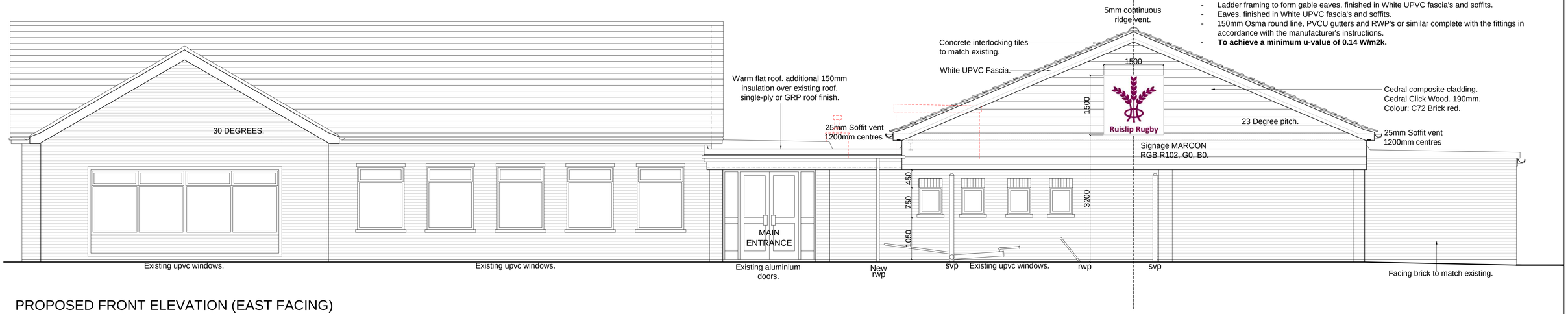
**ROOF VENTILATION.**

- Glidevale rafter ventilator with integral insect screen to be fixed between rafters to ensure free air flow is not impeded by the roof insulation or felt, to provide the equivalent of a 50 mm wide continuous free air gap for the full length of the eaves, (25mm air gap where insulation is between the rafters).
- 'Dry Vented Ridge' system (profile to match existing) to all ridges to assist with the crossflow roof ventilation installed to provide the equivalent of 5mm continuous air gap.
- Where the ceiling line follows the roof slope (regardless of pitch) cross ventilation shall be provided above the insulation with 50mm clearance between insulation and roof finish. Patent over fascia ventilator at eaves giving the equivalent of 25mm continuous air gap.

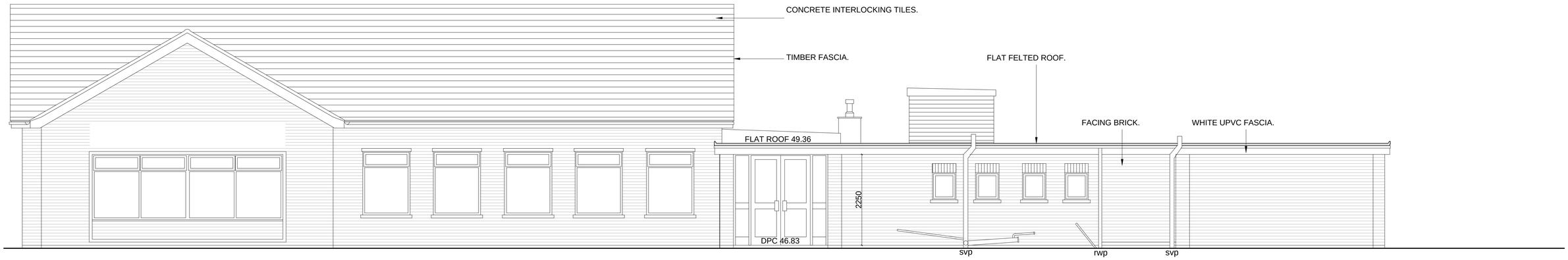
**MAIN PITCHED ROOF CONSTRUCTION:**

Design of truss roof system to be calculated, specified and supplied by specialist truss supplier.
Concrete interlocking tiles to match existing (Suitable for 23-degree pitch)

- On 25 x 50mm softwood treated battens.
- Tyvek Supro breathable membrane (or similar approved), with soffit ventilators and Type 5U grade felt at eaves level (see NHBC Standards Chapter 7.2),
- On timber trussed roof in strict accordance with specialist manufacturers specification, bracing, lateral restraint and design. -Galvanised metal restraint straps tied to block work walls. (Tiles to be laid in strict accordance with manufacturers recommendations)
- Flashing - Cavity DPC trays and stepped Code 4 lead cover flashing are to be incorporated at all roof / wall abutments. Minimum up stand of 150mm above abutting roof.
- Insulation 400mm mineral wool quilt to be laid in two layers between and across the ceiling joists.
- Ladder framing to form gable eaves, finished in White UPVC fascia's and soffits.
- Eaves. finished in White UPVC fascia's and soffits.
- 150mm Osma round line, PVCU gutters and RWP's or similar complete with the fittings in accordance with the manufacturer's instructions.
- **To achieve a minimum u-value of 0.14 W/m2k.**




PROPOSED FRONT ELEVATION (EAST FACING)




EXISTING FRONT ELEVATION (EAST FACING)

1:50 0 1000 2000 3000 4000 5000

1:1 0 10 20 30 40 50 60 70 80 90 100

NOTES:-
1. This drawing is not to be scaled.
2. All dimensions are in mm unless otherwise stated.
3. All dimensions to be checked on site.
4. If there should be any doubt or query regarding the information given on this drawing, please enquire directly to the author of the information.
5. All drawings must be read in conjunction with the structural engineer's calculations and details. All structural coordination shown on drawings are indicative only.
6. Copyright in this drawing is vested in mk40 architects limited and must not be reproduced without authorisation in writing.
7. Contractors to verify all existing details, services (above and below ground) dimensions etc. prior to commencement of works.

| Rev. | Date | Drawn | Description |
|---|---|---|---|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project:

RUISLIP RUGBY FOOTBALL CLUB
WEST END ROAD
HA4 6DR

drawing:

FRONT ELEVATION
(AS EXISTING & PROPOSED)

drawing status:

STAGE 4 - BUILDING CONTROL

| scale: | date: | drawn: |
|---|---|---|
| 1:50 @A1 | MAR 23 | AT |
| project ref: | drawing no: | rev. |
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