

WINDOW REPLACEMENT DRAWINGS AND SECTIONS - EXISTING AND PROPOSED

Flat 5, Ace House, 1 Bridge Road, Worthing, West Sussex, BN14 7BU

Works: Replacement of two timber sash windows (like-for-like)

Building status: Grade II Listed Building

Applicant: Rowanne Davies

Date: Wednesday 11th February 2026

Drawing Ref: RD-AH-WIN-02

Drawings Scale: 1:20 (dimensions in mm)

Sections Scale: 1:5 (dimensions in mm)

W1 - LOUNGE WINDOW (FRONT ELEVATION)

W1-E - Existing Window Elevation

Ref: RD-AH-W1-E

Type: Traditional timber sash window

Horns: None

Glazing bars: 23mm

Pane layout: 3 over 6

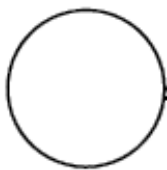
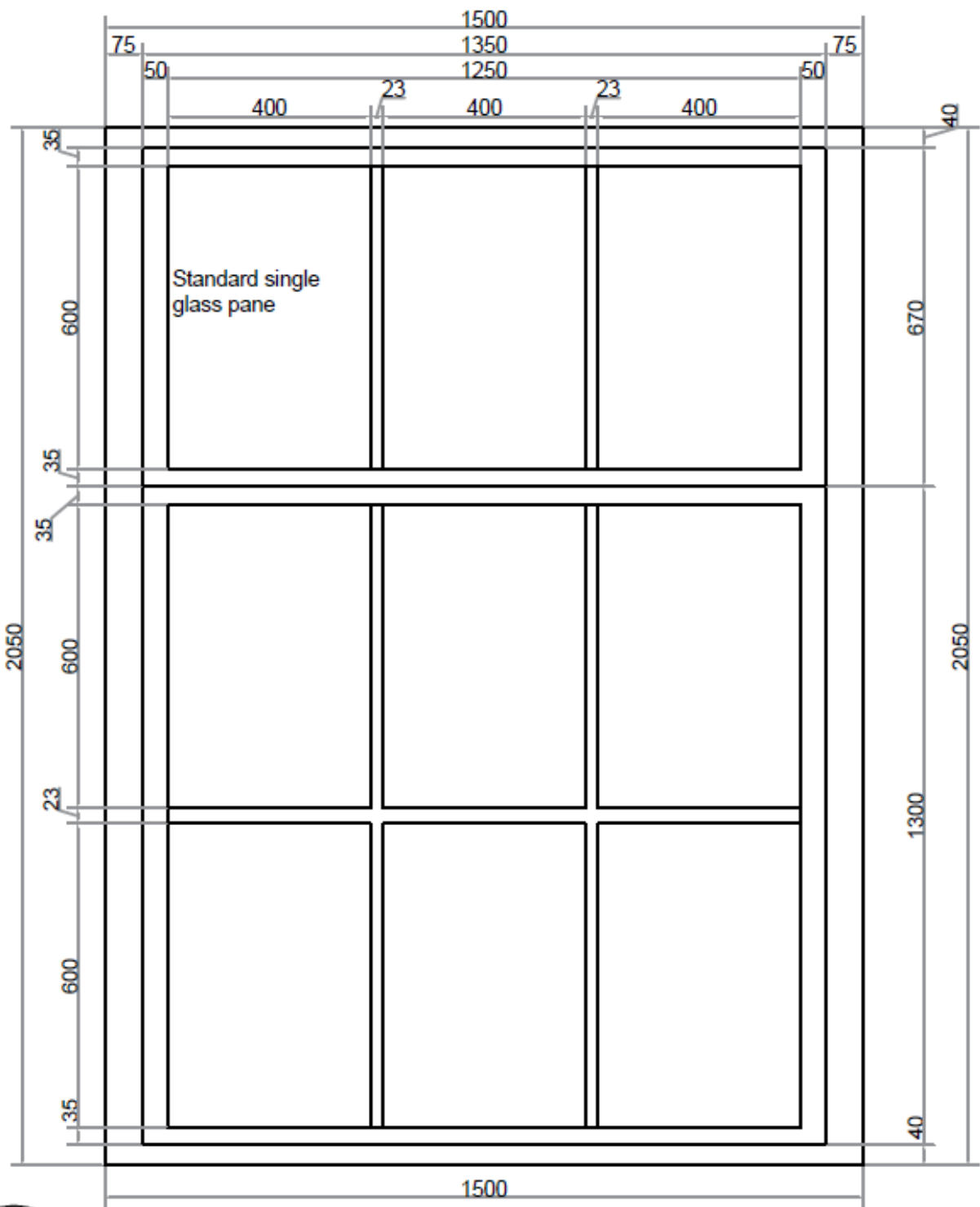
Dimensions (mm):

- **Box frame overall:** 1500W x 2050H
- **Top sash frame:** 1350W x 670H
- **Top sash glass area:** 1250W x 600H
- **Bottom sash frame:** 1350W x 1300H
- **Bottom sash glass area:** 1250W x 1200H
- **Pane layout:** 3 columns x 1 row in top sash and 2 rows in bottom sash
- **Pane size:** 400W x 600H

Existing materials: Painted timber vertical sliding sash windows of traditional box sash construction, with timber frames, sashes and slender 23 mm glazing bars, set within existing window reveals.

EXISTING LOUNGE WINDOW (FRONT ELEVATION)

W1-E - Existing Window Elevation



EXISTING WINDOW
SCALE:1:20=1MM

W1-P - PROPOSED LOUNGE WINDOW (FRONT ELEVATION)

W1-P - Proposed Window Elevation

Ref: RD-AH-W1-P

Proposal: Like-for-like traditional timber sash window replacement

Horns: None

Glazing bars: 23mm

Pane layout: 3 over 6

Glazing: Slim double glazing within timber sashes

Glazing dimensions: 4-6-4 (See below)

- 4mm glass
- 6mm gap
- 4mm glass
- Total unit thickness = 4 + 6 + 4 = 14mm (overall sealed unit thickness)

Key notes (Proposed):

Painted timber vertical sliding sash windows of traditional box sash construction, with timber frames, sashes and slender 23 mm glazing bars, set within existing window reveals.

Traditional timber to be manufactured in Accoya (acetylated timber) for durability and long-term stability. Paint-finished externally to match the existing colour (white/off-white).

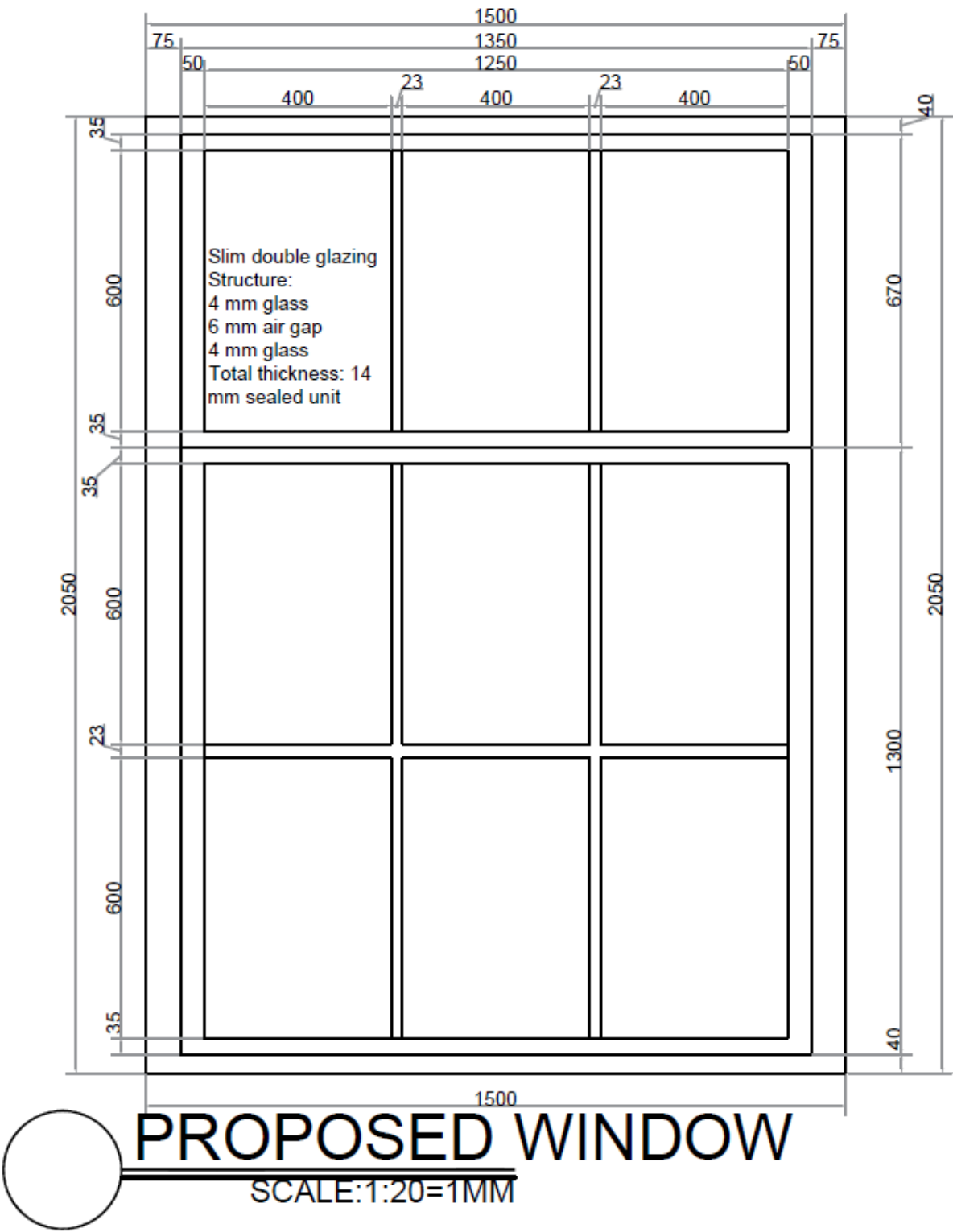
Designed to be like-for-like in external appearance, including matching:

- Existing opening sizes
- Proportions and sightlines
- Glazing bar arrangement
- External detailing and profiles
- Fitted with slim-profile double glazing (4–6–4), selected specifically to improve thermal performance while retaining a traditional sash appearance
- No changes are proposed to the surrounding masonry, structural elements, internal layout, or decorative features.

The use of Accoya timber provides an appropriate high-quality material for listed building repair and replacement, offering improved resistance to decay and reducing the likelihood of future interventions. Overall, the proposal will preserve the building's architectural significance, with negligible visual impact on the listed building and no harm to the character or appearance of the surrounding area.

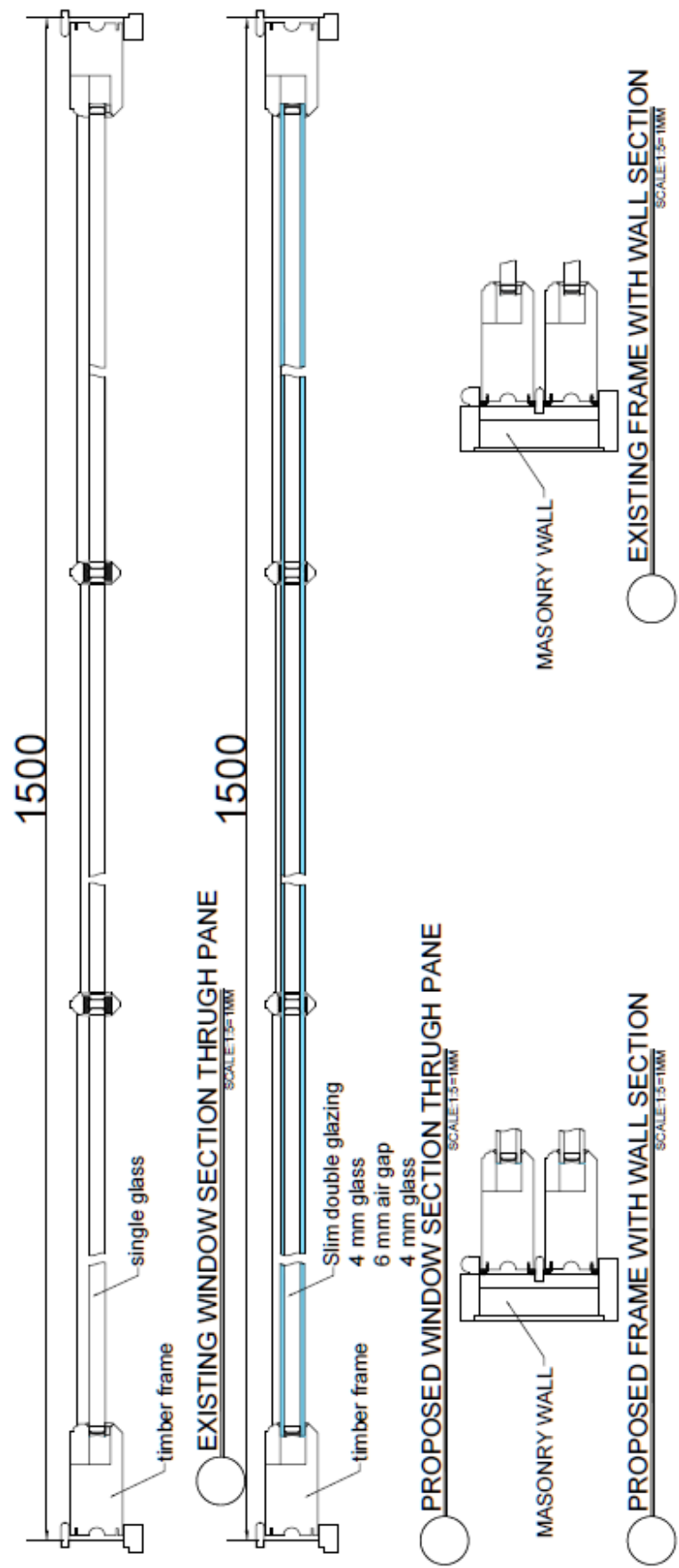
PROPOSED LOUNGE WINDOW (FRONT ELEVATION)

W1-P - Proposed Window Elevation



LOUNGE WINDOW SECTIONS (FRONT ELEVATION)

W1-E&P Sections - Existing and Proposed Sections



W2 - EXISTING BEDROOM WINDOW (SIDE ELEVATION)

W2-E - Existing Window Elevation

Ref: RD-AH-W2-E

Type: Traditional timber sash window

Horns: None

Glazing bars: 23mm

Pane layout: 6 over 6 (symmetrical)

Dimensions (mm):

- **Box frame overall:** 1300W x 2050H
- **Top sash frame:** 1150W x 1000H
- **Top glass area:** 1070W x 910H
- **Bottom sash frame:** 1150W x 1000H
- **Bottom glass area:** 1070W x 910H
- **Pane layout:** 3 columns x 2 rows per sash
- **Pane size:** 350W x 450H

Materials: Painted timber vertical sliding sash windows of traditional box sash construction, with timber frames, sashes and slender 23 mm glazing bars, set within existing window reveals.

W2-P - PROPOSED BEDROOM WINDOW (SIDE ELEVATION)

W2-P - Proposed Window Elevation

Ref: RD-AH-W2-P

Proposal: Like-for-like traditional timber sash window replacement

Horns: None

Glazing bars: 23mm

Pane layout: 6 over 6

Glazing: Slim double glazing within timber sashes

Glazing dimensions: 4-6-4 (See below)

- 4mm glass
- 6mm gap
- 4mm glass
- Total unit thickness = 4 + 6 + 4 = 14mm (overall sealed unit thickness)

Key notes (Proposed):

Painted timber vertical sliding sash windows of traditional box sash construction, with timber frames, sashes and slender 23 mm glazing bars, set within existing window reveals.

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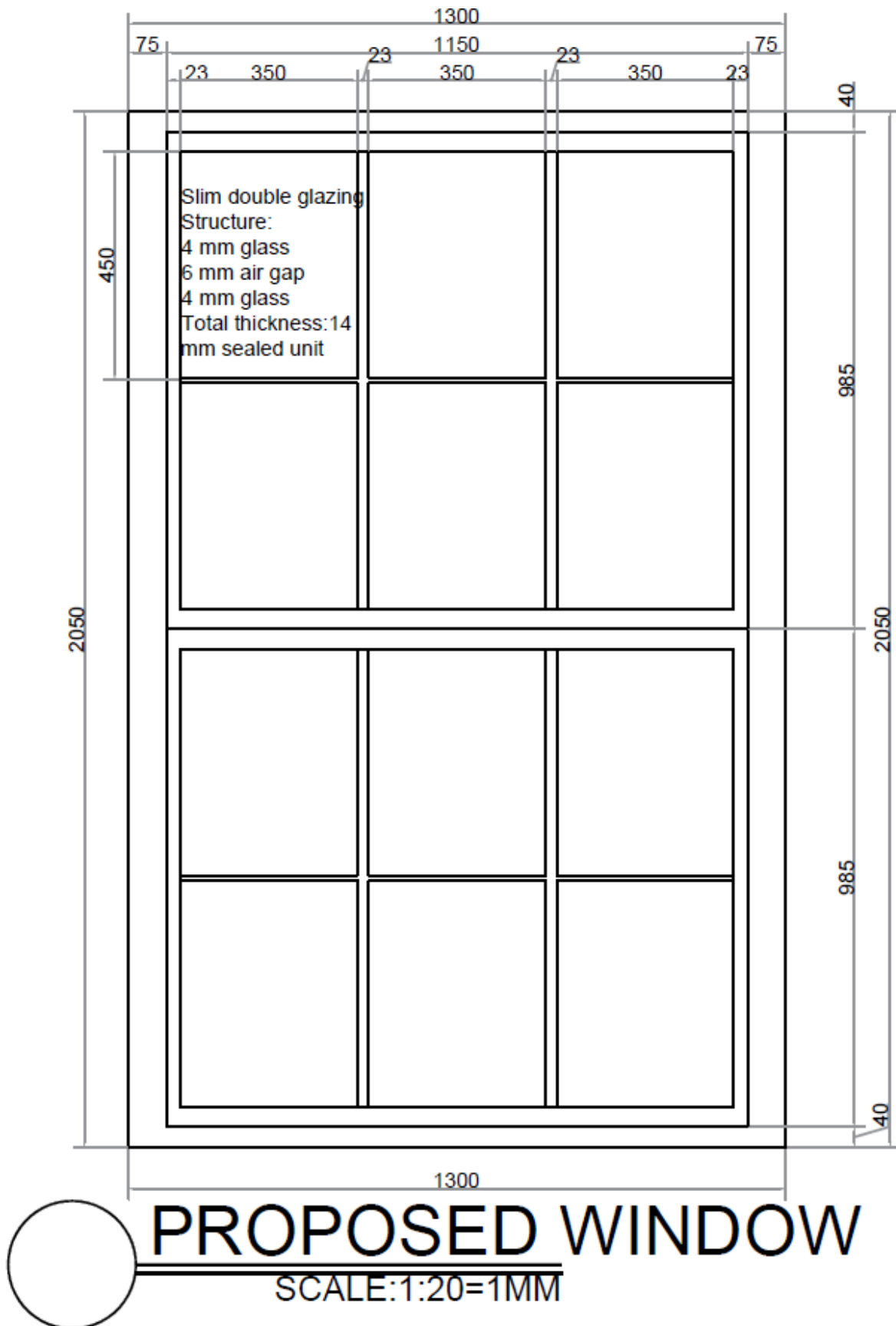
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W2 - PROPOSED BEDROOM WINDOW (SIDE ELEVATION)

W2-P - Proposed Window Elevation



W2 - BEDROOM WINDOW SECTIONS (FRONT ELEVATION)

W2 - E&P Sections - Existing and Proposed Sections

