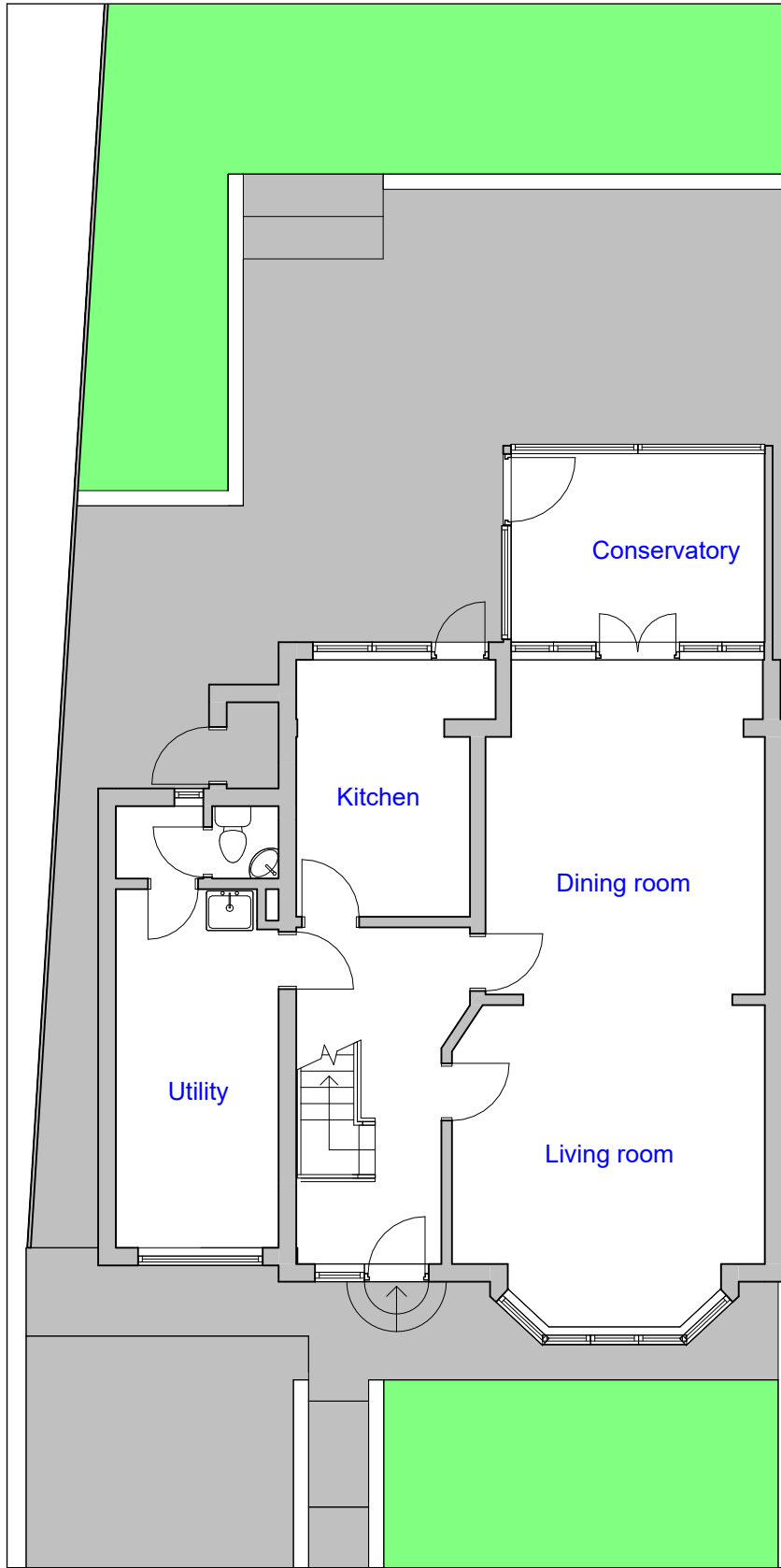


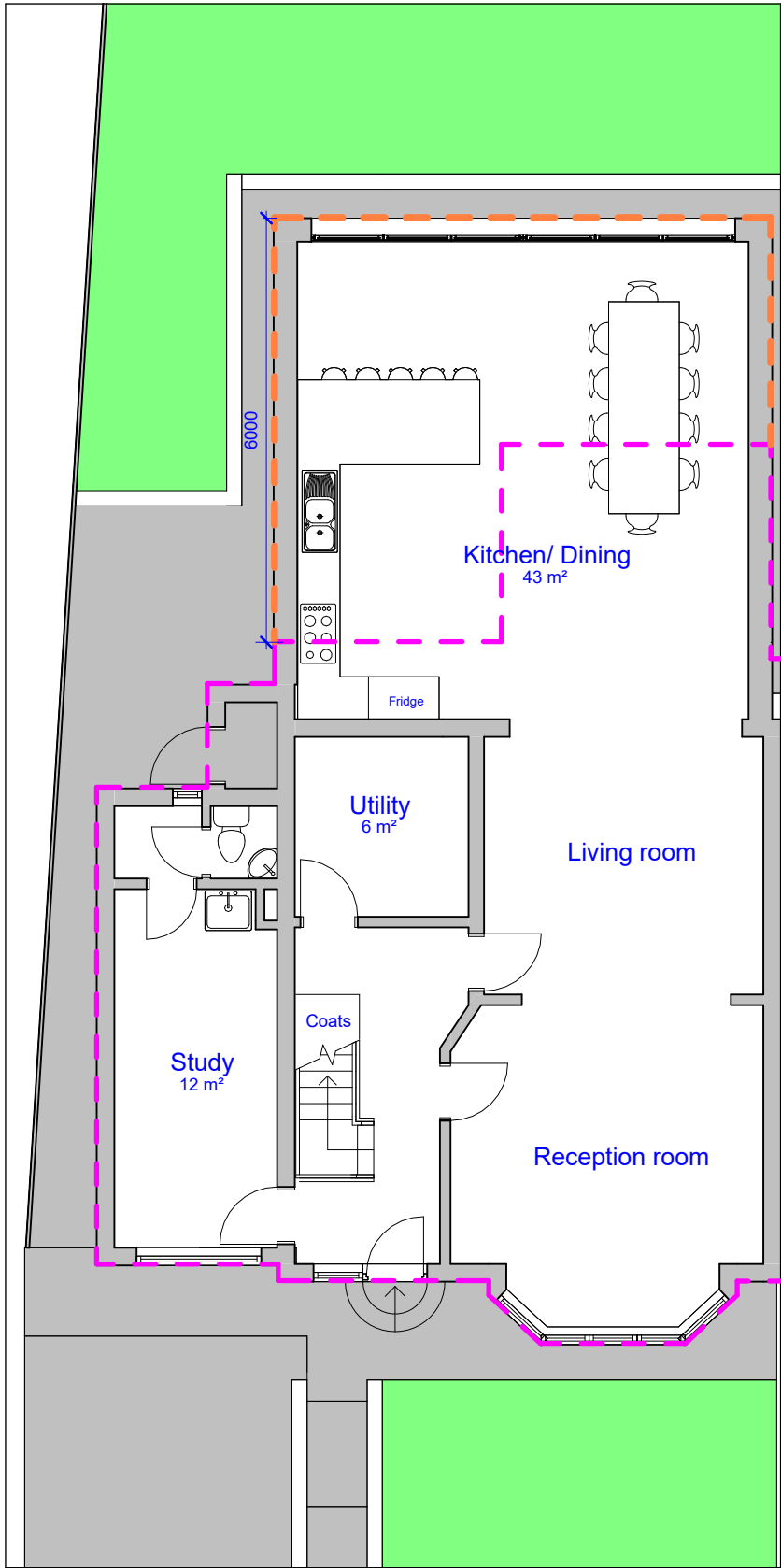
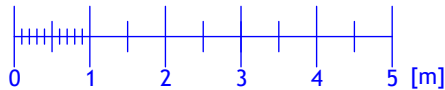
- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves

- - - - - Outline of approved extension
Ref.no: 24/2164/PNH
- - - - - Outline of existing ground floor

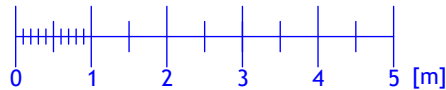
| REVISION | | |
|--|------------------|------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed ground floor plan | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | 98CH - 101 | |



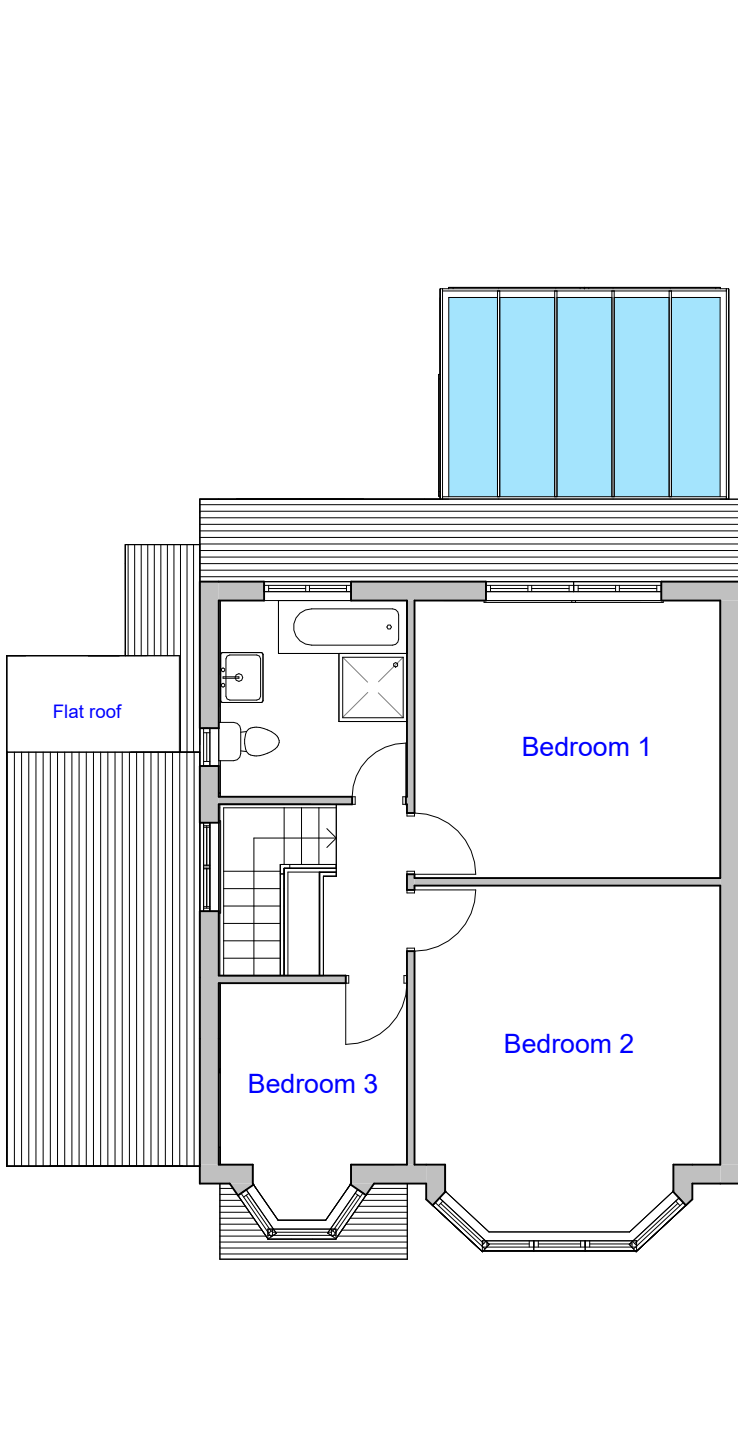
EXISTING
GROUND FLOOR PLAN
SCALE 1:100



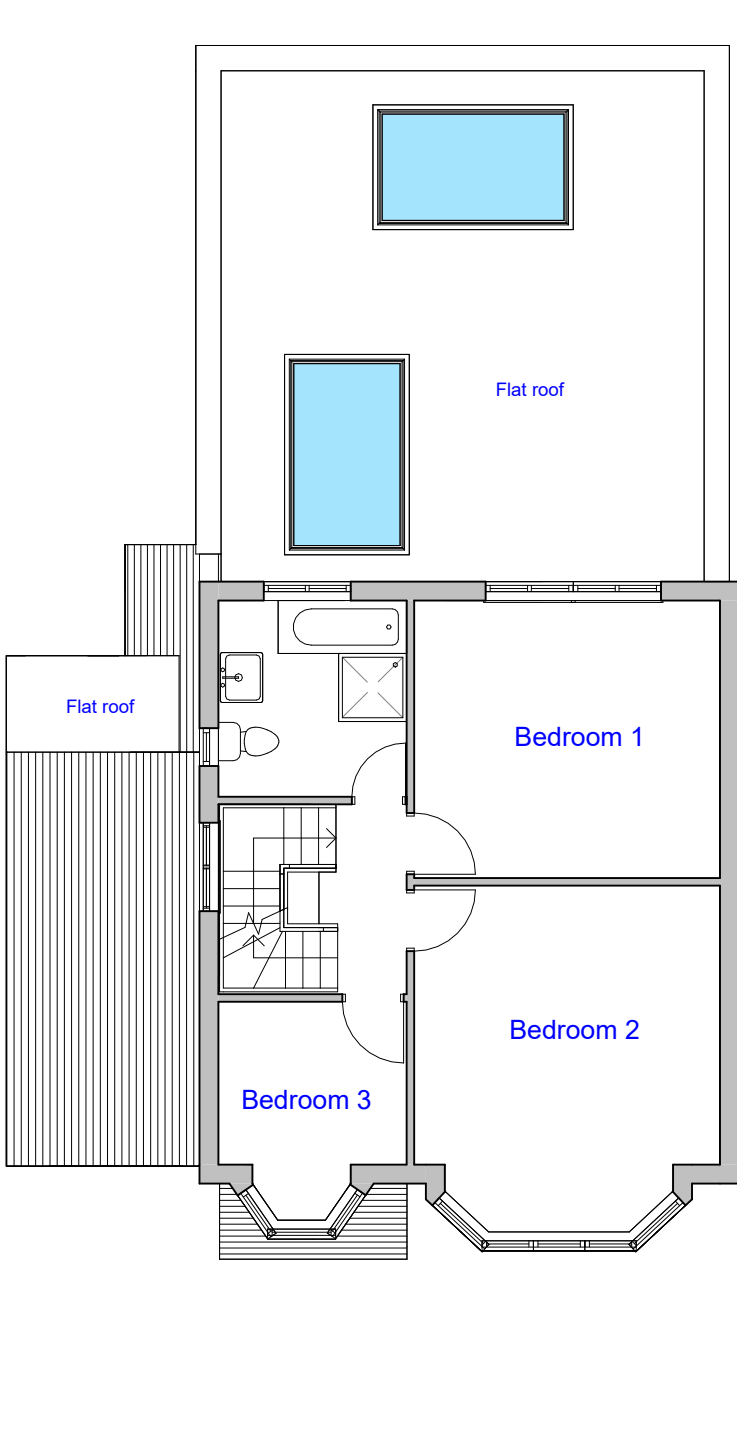
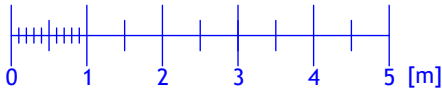
PROPOSED
GROUND FLOOR PLAN
SCALE 1:100



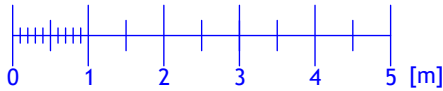
- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves



EXISTING
FIRST FLOOR PLAN
SCALE 1:100



PROPOSED
FIRST FLOOR PLAN
SCALE 1:100



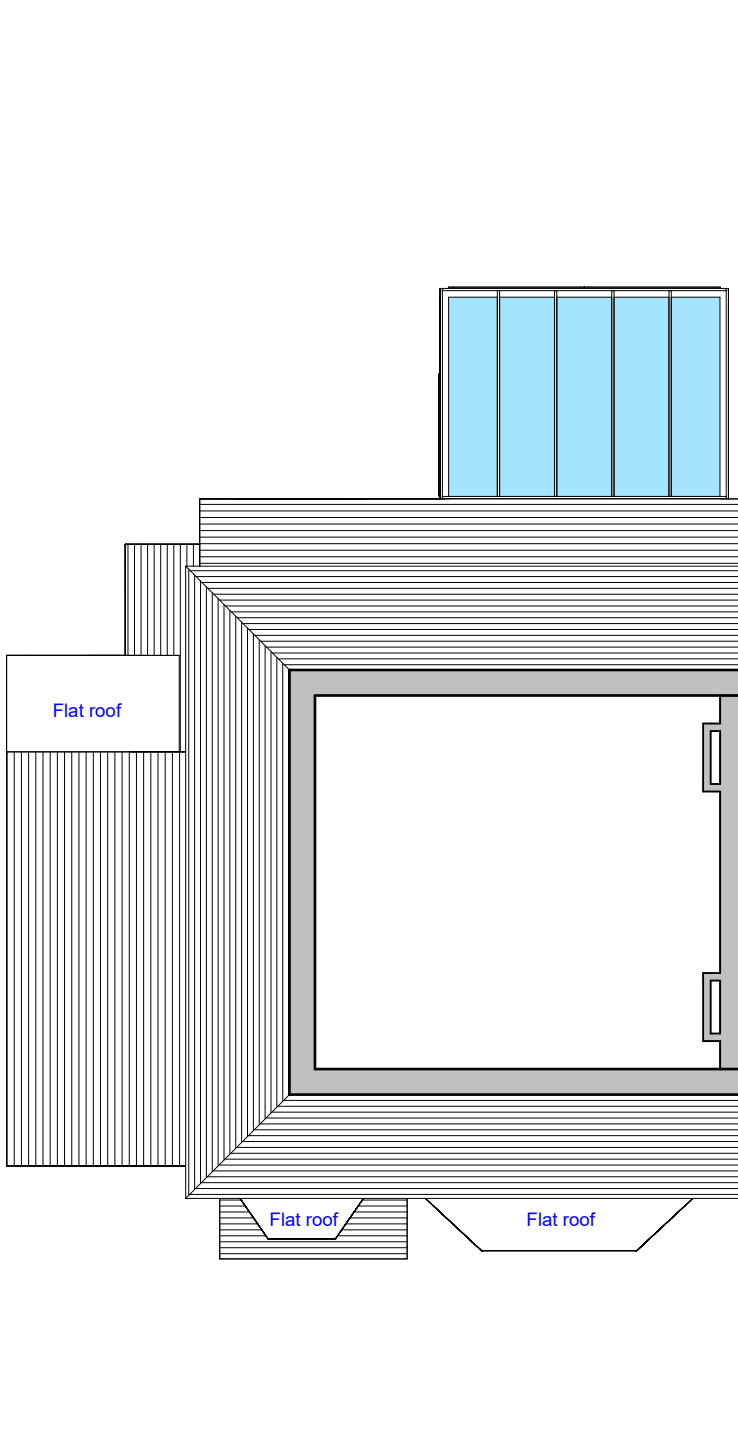
| REVISION | | |
|--|------------------|------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed first floor plan | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | 98CH - 102 | |

- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves

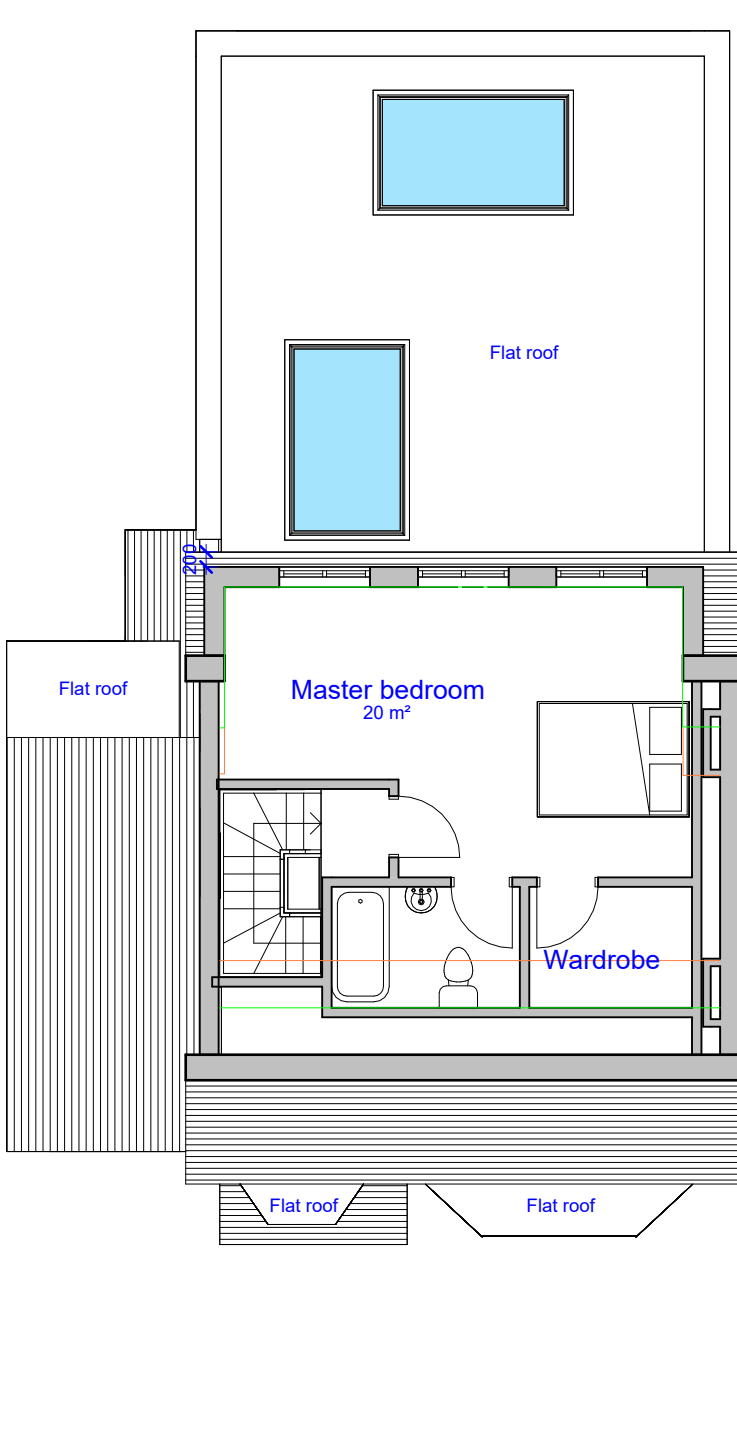
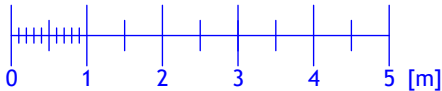
Height = 1.5m

Height = 2.0m

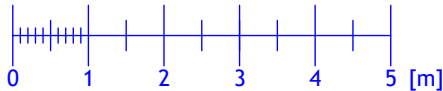
| REVISION | | |
|--|------------------|------------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed loft floor plan | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | | 98CH - 103 |



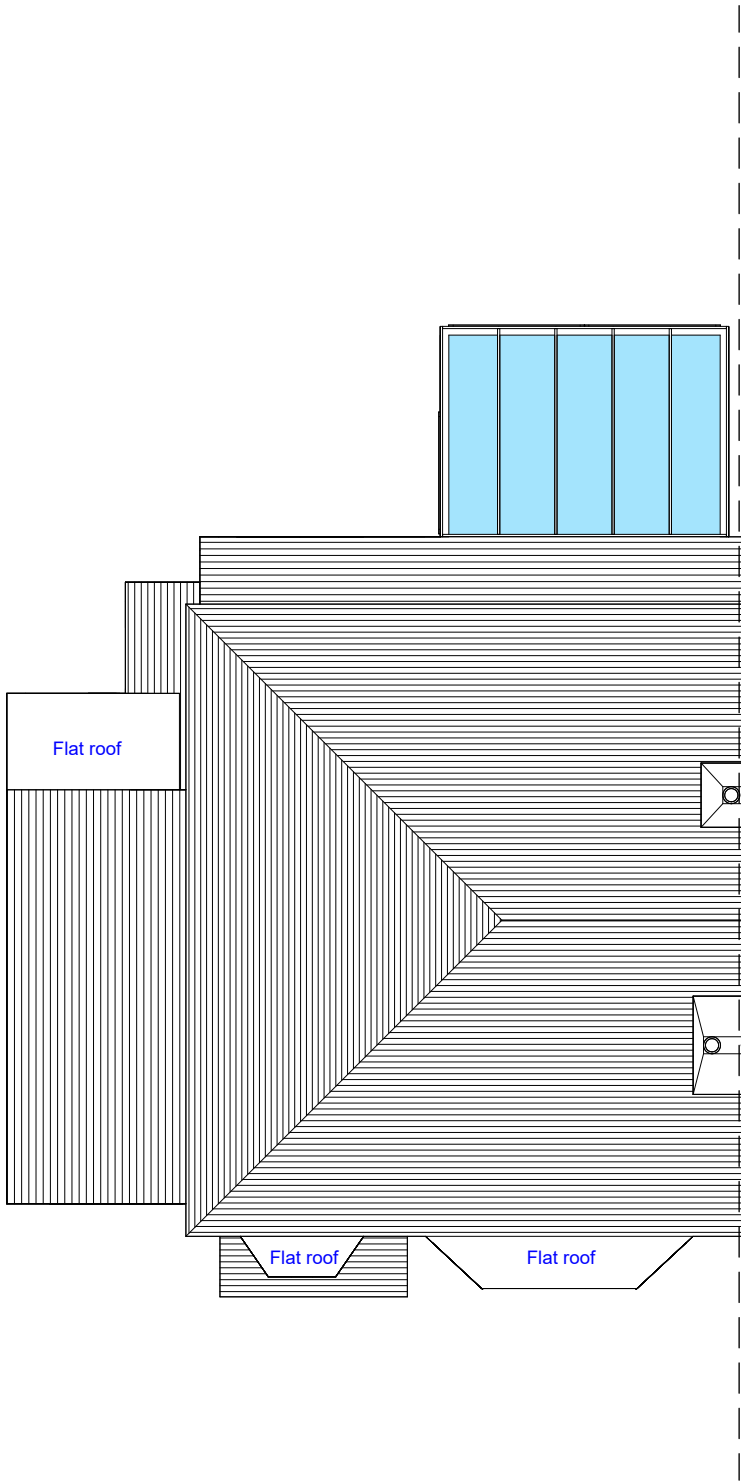
EXISTING
LOFT PLAN
SCALE 1:100



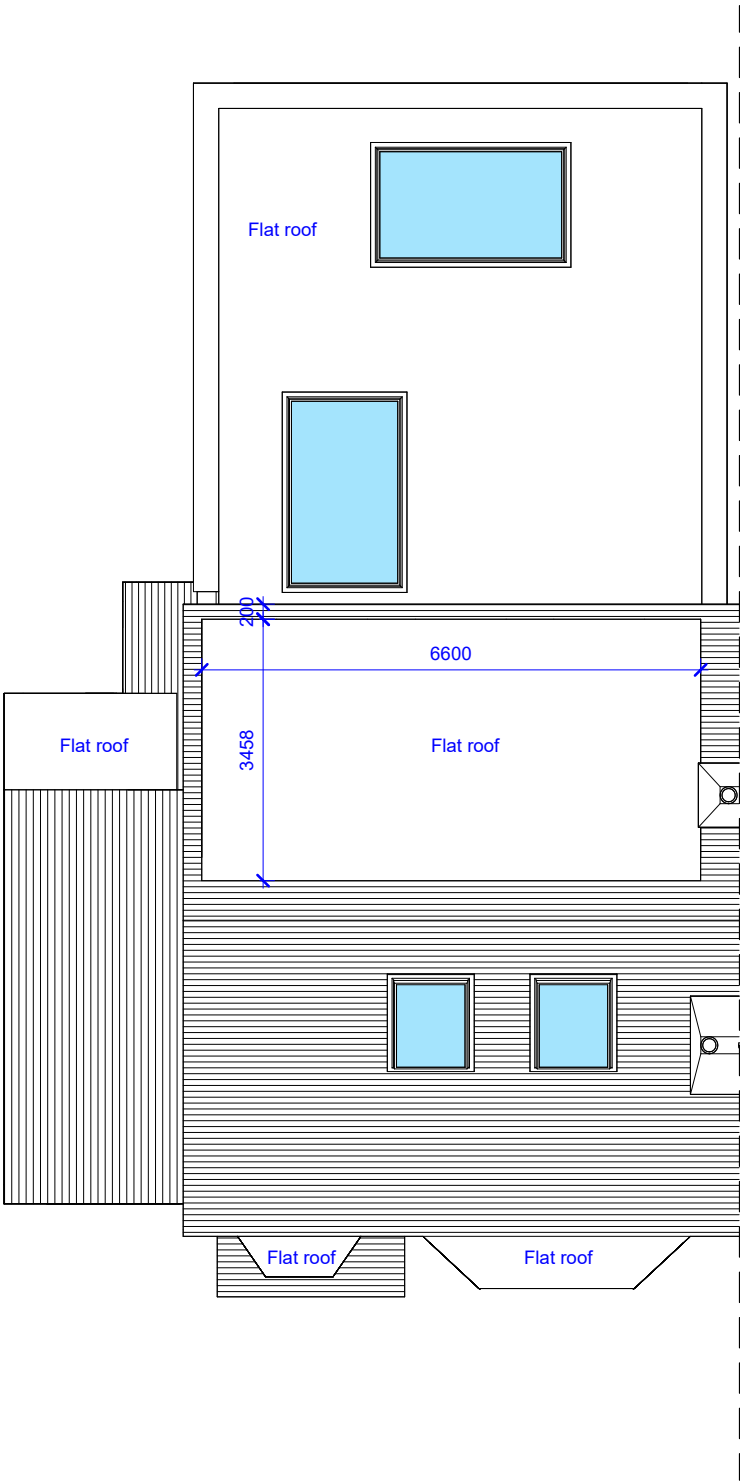
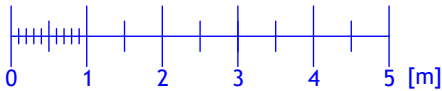
PROPOSED
LOFT PLAN
SCALE 1:100



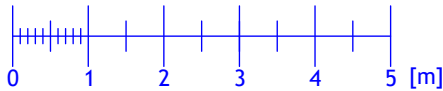
- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves



EXISTING
ROOF PLAN
SCALE 1:100



PROPOSED
ROOF PLAN
SCALE 1:100

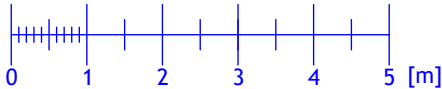


| REVISION | | |
|--|------------------|------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed roof plan | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | 98CH - 104 | |

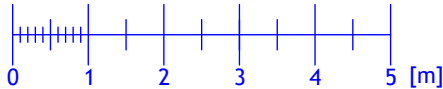
- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves



EXISTING
FRONT ELEVATION
SCALE 1:100

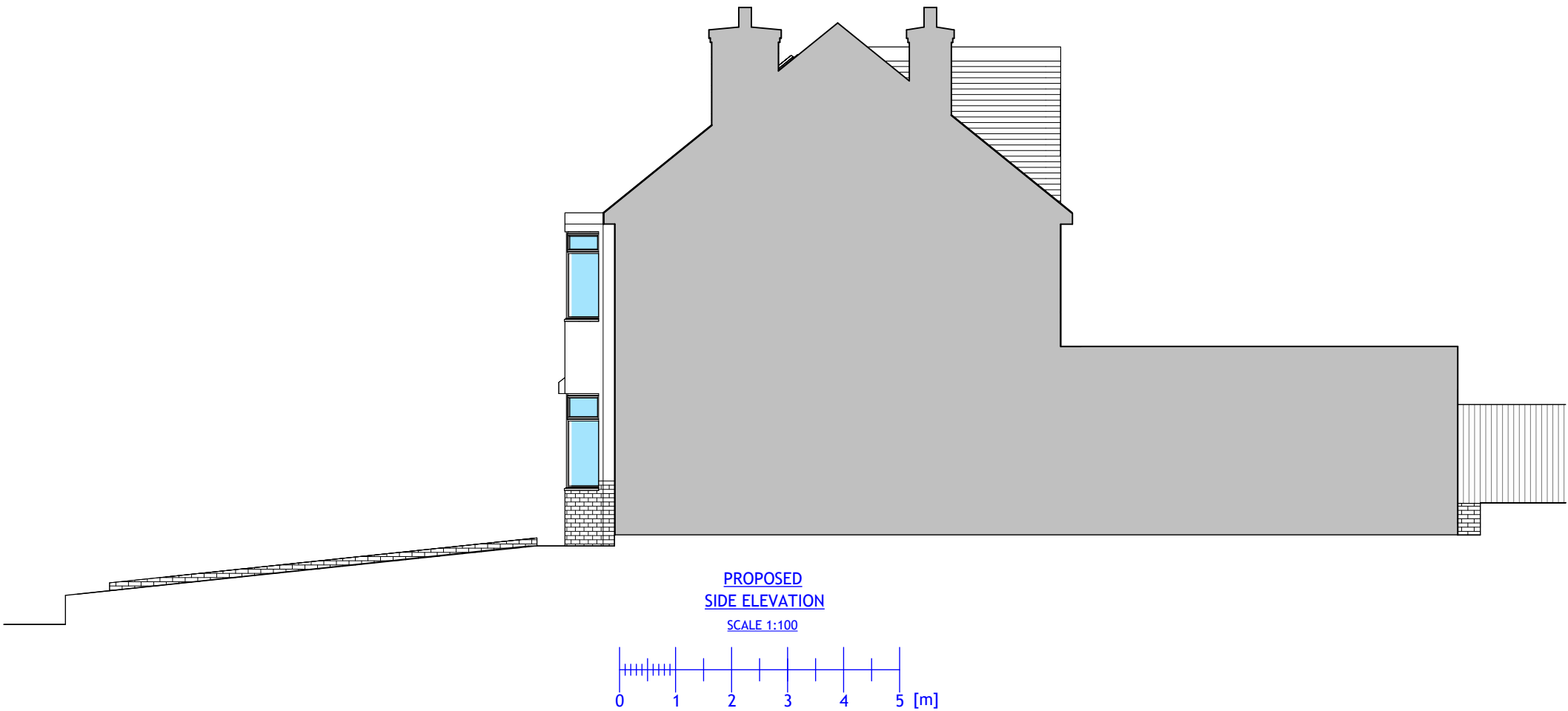
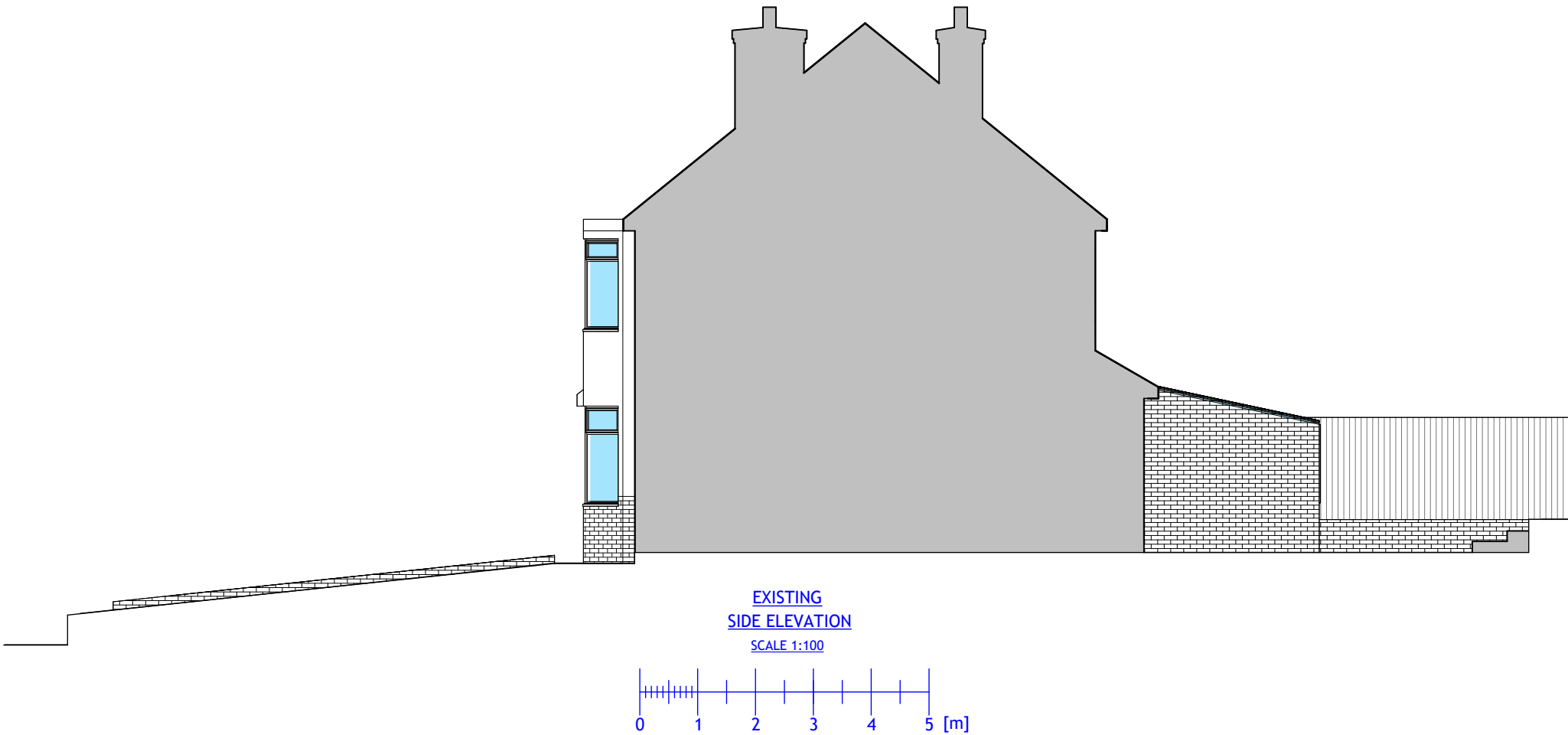


PROPOSED
FRONT ELEVATION
SCALE 1:100



| REVISION | | |
|--|------------------|------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed front elevation | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | 98CH - 105 | |

- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves

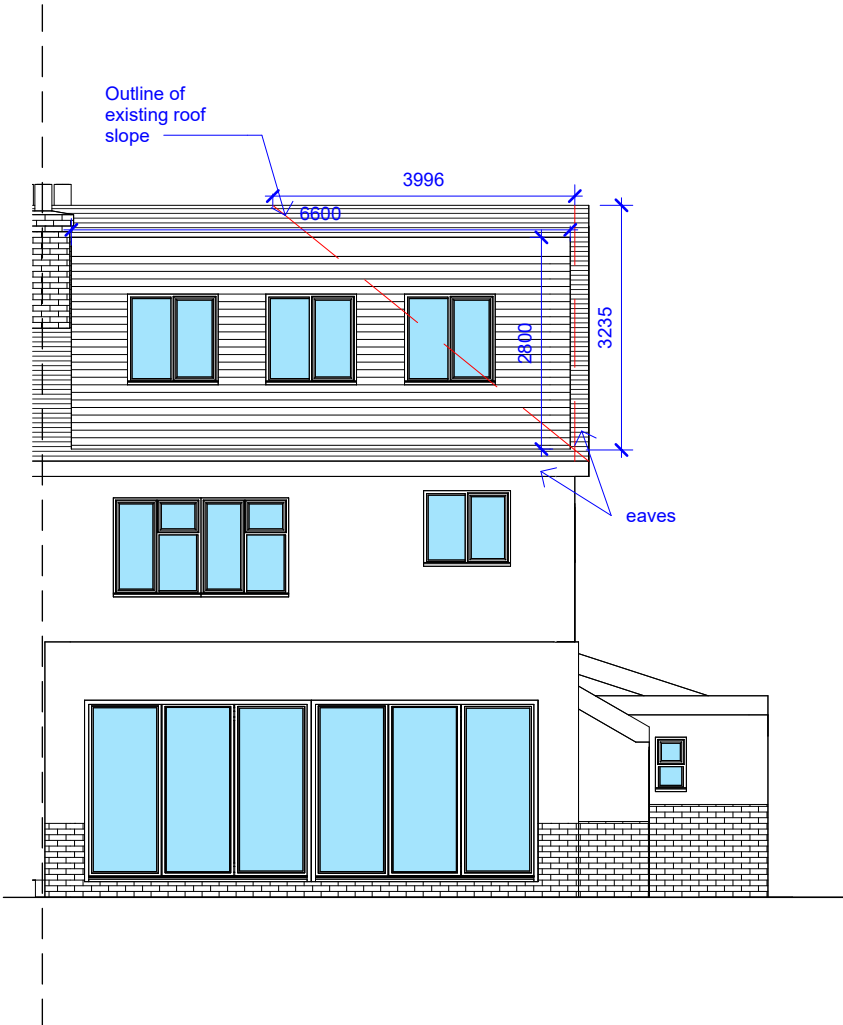
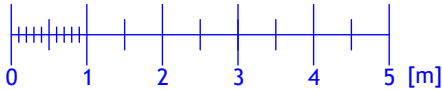


| REVISION | | |
|--|-------|------------------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed side elevation | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | | DRAWN BY AB |
| DATE December 2024 | | CHECKED BY DD |
| DRAWING NO. | | 98CH - 106 |

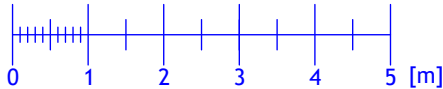
- Materials to match the existing.
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- Volume added to the roof will not exceed 50m³ (see calculations at last page).
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EXISTING
REAR ELEVATION
SCALE 1:100



PROPOSED
REAR ELEVATION
SCALE 1:100



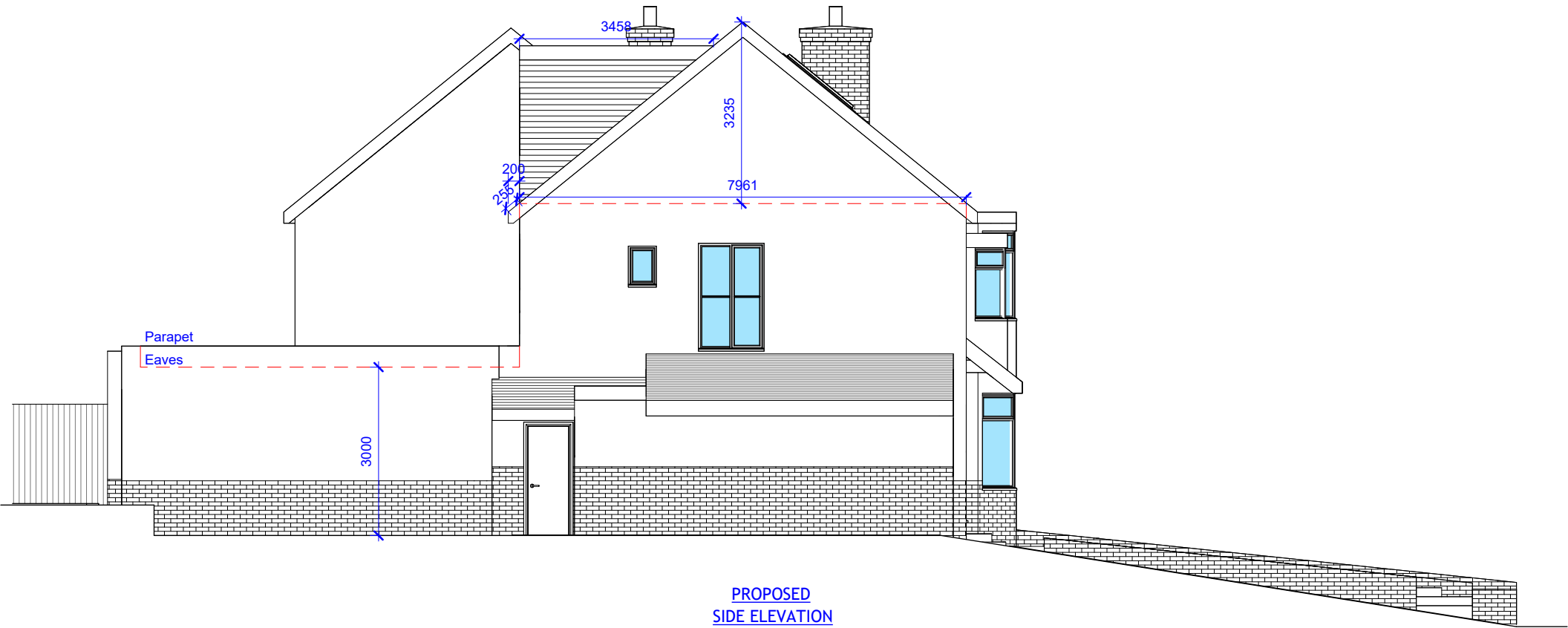
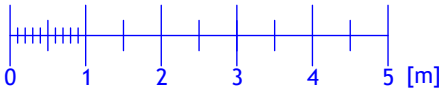
| REVISION | | |
|--|------------------|------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Existing and proposed rear elevation | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE 1:100 at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | 98CH - 107 | |

- Materials to match the existing.
- New rooflights will not protrude more than 150mm from the roof slope.
- Volume added to the roof will not exceed 50m³ (see calculations at last page).
- The eaves of the rear extension are not higher than 3m from ground level and the maximum height of the proposed roof and parapet is less than 4m.
- The edge of the enlargement closest to the eaves of the original roof shall be not less than 0.2 metres from the eaves, measured along the roof slope from the outside edge of the eaves



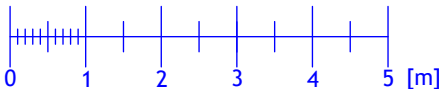
EXISTING
SIDE ELEVATION

SCALE 1:100



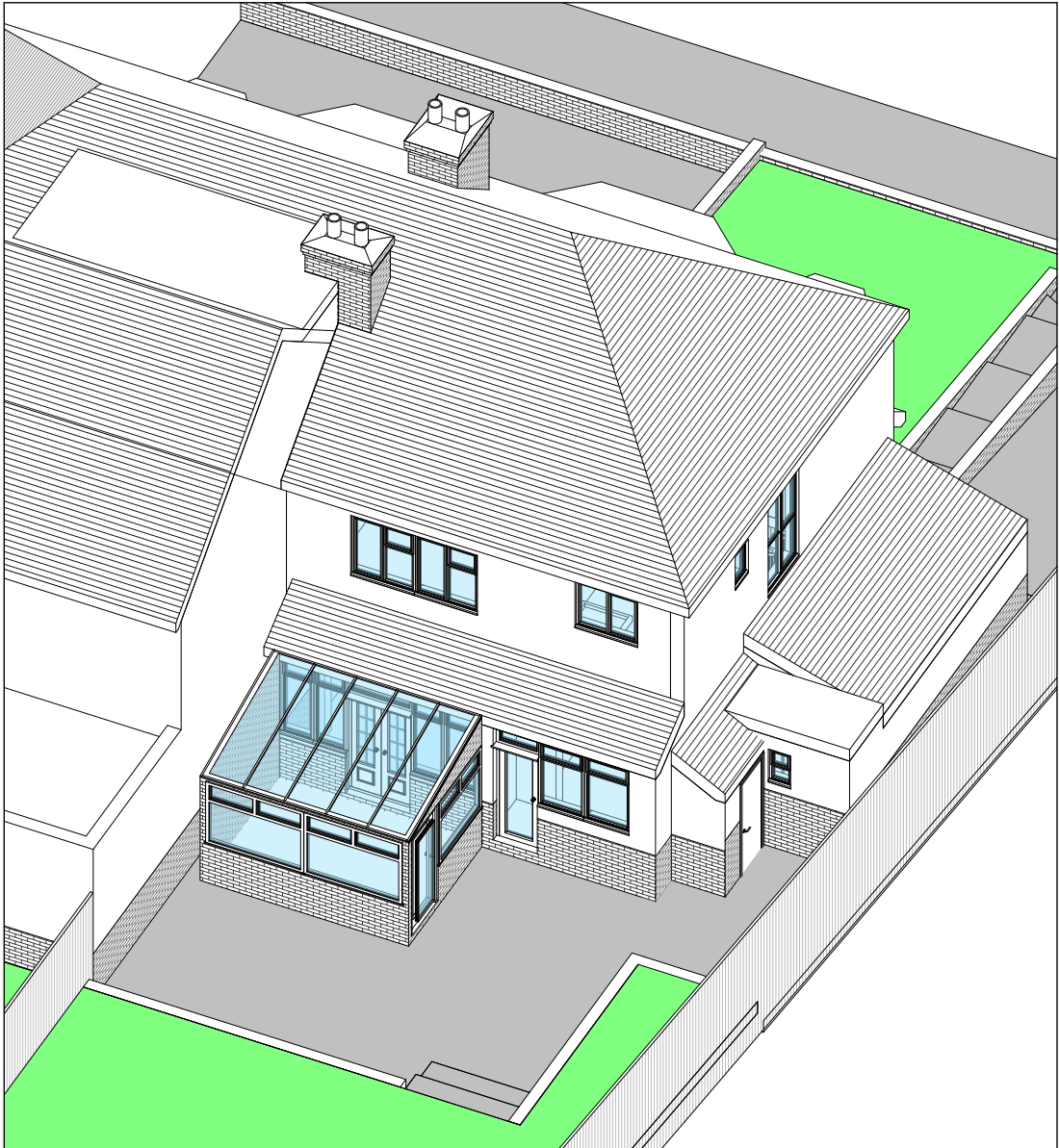
PROPOSED
SIDE ELEVATION

SCALE 1:100

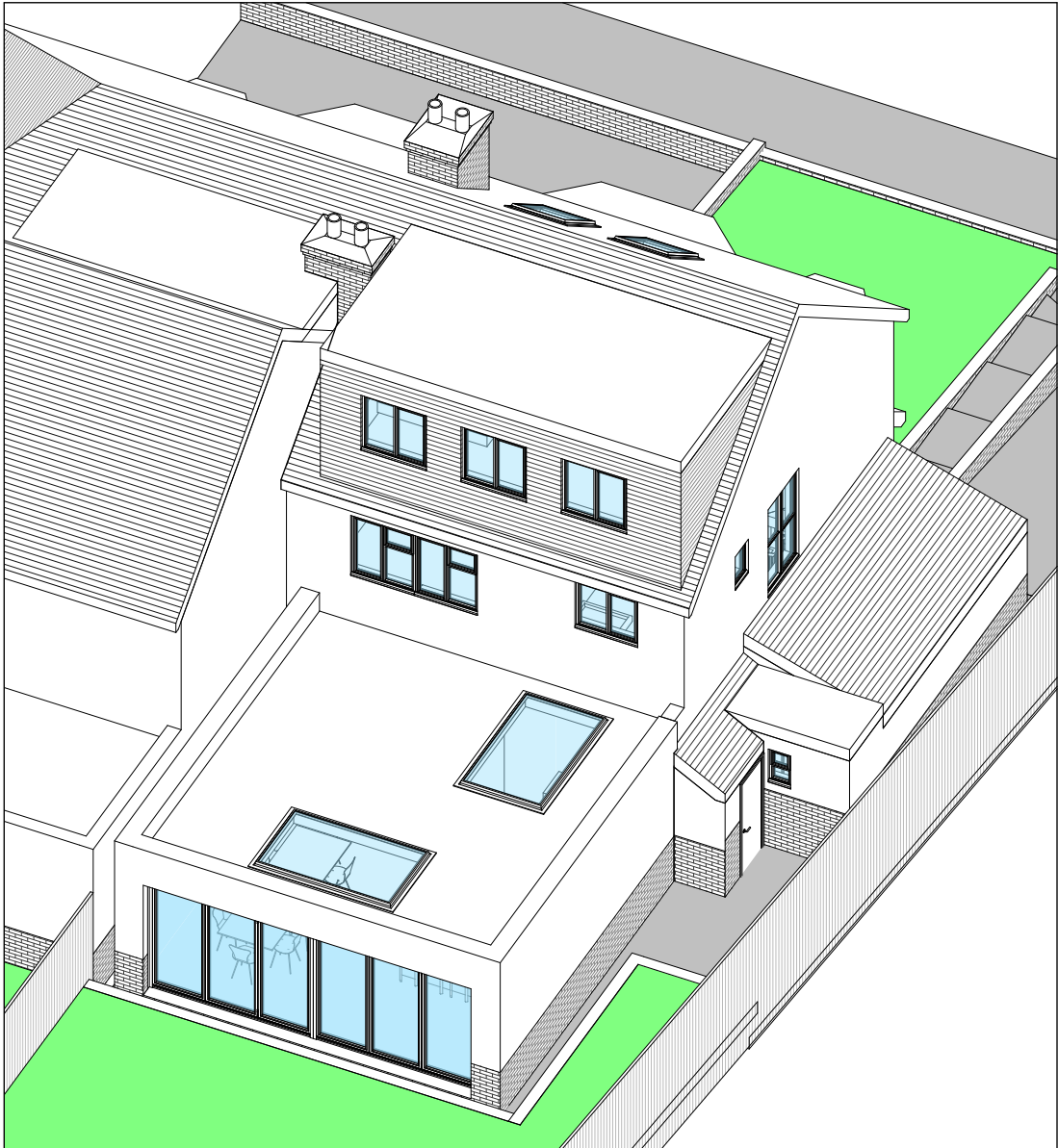


| REVISION | | |
|--|-------|------------|
| Rev | Notes | Date |
| | | |
| NOTES: | | |
| All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS | | |
| Planning | | |
| DRAWING TITLE | | |
| Existing and proposed side elevation | | |
| CLIENT | | |
| Roopesh Patel | | |
| PROJECT ADDRESS | | |
| 98 Cat Hill, London, EN4 8HX | | |
| SCALE | | DRAWN BY |
| 1:100 at A3 | | AB |
| DATE | | CHECKED BY |
| December 2024 | | DD |
| DRAWING NO. | | 98CH - 108 |

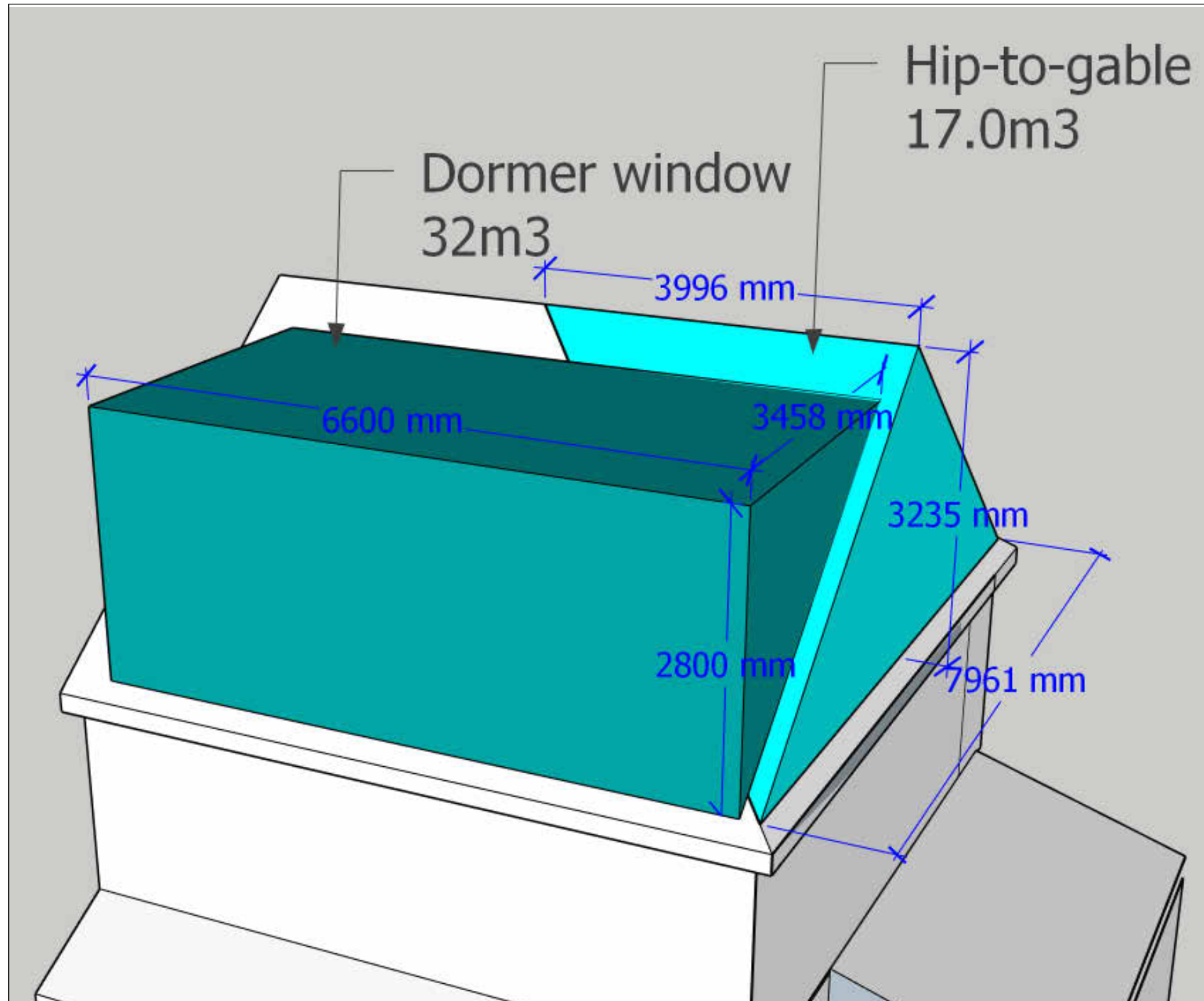
Existing rear view



Proposed rear view



| REVISION | | |
|---|-------|-------------------------------------|
| Rev | Notes | Date |
| | | |
| <div>NOTES:</div> <div>All dimensions are to be checked and verified on site prior to construction.</div> | | |
| <div>STATUS</div> <div>Planning</div> | | |
| <div>DRAWING TITLE</div> <div>Existing and proposed rear view</div> | | |
| <div>CLIENT</div> <div>Roopesh Patel</div> | | |
| <div>PROJECT ADDRESS</div> <div>98 Cat Hill, London, EN4 8HX</div> | | |
| <div>SCALE</div> <div>Not to scale at A3</div> | | <div>DRAWN BY</div> <div>AB</div> |
| <div>DATE</div> <div>December 2024</div> | | <div>CHECKED BY</div> <div>DD</div> |
| <div>DRAWING NO.</div> | | 98CH - 109 |



Dormer window volume calculation

$$V = [(D \times E) / 2] \times F = [(3.46 \times 2.8) / 2] \times 6.6 = (9.7 / 2) \times 6.6 = 4.85 \times 6.6 = 32 \text{m}^3$$

Hip-to-gable addition volume calculation

$$V = A \times 1 / 2 B \times 1 / 3 C = 7.96 \times 1 / 2 \times 3.23 \times 1 / 3 \times 4 = 7.96 \times 1.61 \times 1.33 = 17 \text{m}^3$$

Volume calculation

| | |
|---------------|----------------------------|
| Hip-to-gable | = 17.0m ³ |
| Dormer window | = 32.0m ³ |
| TOTAL | = 49.0m³ |

| REVISION | | |
|--|------------------|------|
| Rev | Notes | Date |
| | | |
| NOTES: All dimensions are to be checked and verified on site prior to construction. | | |
| STATUS Planning | | |
| DRAWING TITLE Roof addition volume calculation | | |
| CLIENT Roopesh Patel | | |
| PROJECT ADDRESS 98 Cat Hill, London, EN4 8HX | | |
| SCALE Not to scale at A3 | DRAWN BY AB | |
| DATE December 2024 | CHECKED BY DD | |
| DRAWING NO. | 98CH - 110 | |