

existing
street scene

scale bar 1:100

External walls: Cavity brickwork / blockwork:
100mm facing bricks to match existing, 100mm cavity filled with 100mm rigid fibreglass insulation and 100mm Thermaite TURBO blocks with 13mm plaster internally.

Provide stainless steel twisted cavity wall ties on 75mm horizontal centres and 45mm staggered vertical centres. Ties to be doubled up at corners and reveals.

Provide insulated cavity closers to all new reveals.

Note: - External walls to achieve a minimum U' value of 0.28w/m²K.

Note: - Provide insulated cavity closers to all new reveals.

Note: - Please refer to Structural Engineers design for beam and associated supports.

Note: - All new materials to match existing.

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Note: - Provide mechanical ventilation ducted to fresh air to bathroom and utility / wc with an extract rate of 30 litres/sec operated by means of the light switch with a minimum of 15 minutes overrun.

All new wastes to bathroom and utility / wc to be 40mm fitted with 75mm deep seal traps and cleaning eyes provided at changes of direction and connected to existing s.v.p. to match existing.

Note: - Provide insulated cavity closers to all new reveals.

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Note: - All new materials to match existing.

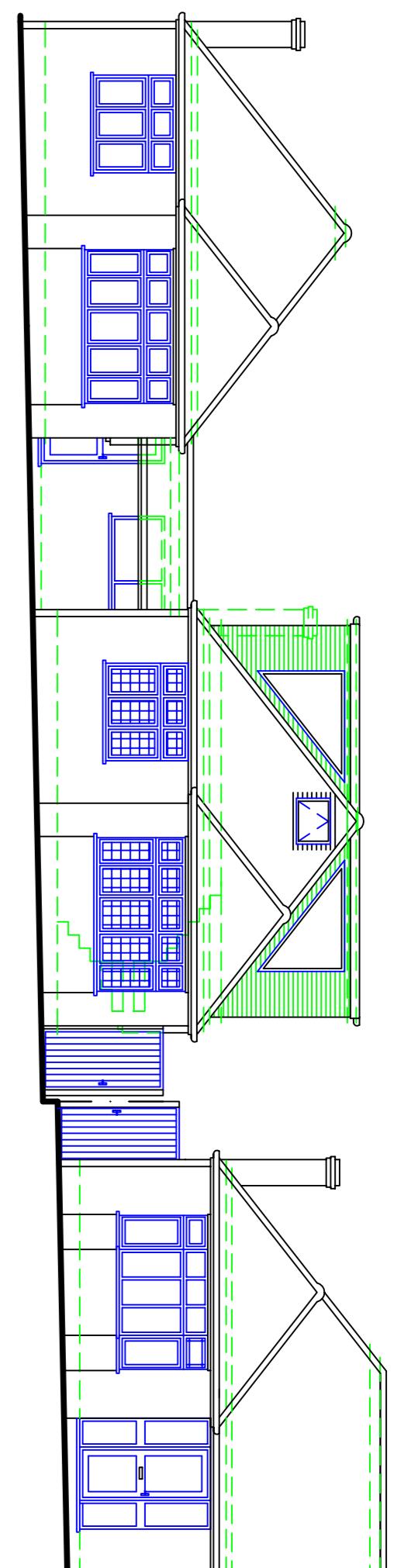
Note: - Please refer to Structural Engineers design for beam and associated supports.

Note: - External walls to achieve a minimum U' value of 0.28w/m²K.

Note: - Foundations to extend down below drain invert and 600mm away from the foundation.

CALCULATION OF CUBIC CAPACITY.
PROPOSED HIP TO GABLE
LOFT CONVERSION.

ALLOWANCE AVAILABLE 50 cub m
Hip to Gable 6.95 x 3.3 x 2.8 ÷ 1.60 = 11.02
Dormer's 3.2 ÷ 2 x 4.85 x 2.5 x 2 = 38.8 cub m
THEREFORE WITHIN PD ALLOWANCE



proposed
street scene

scale bar 1:100

Note: - S.V.P to extend 900mm above an openable window within 3.0m.

Note: - All new materials to match existing.

Note: - Foundations to extend down below drain invert and 600mm away from the foundation.

Note: - Provide insulated cavity closers to all new reveals.

Note: - Form new manhole outside building line as rodding access. If upvc they should be banded and surrounded in a lean mix concrete or other suitable material.

Note: - All glazing in critical locations will be provided with safety glass.

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