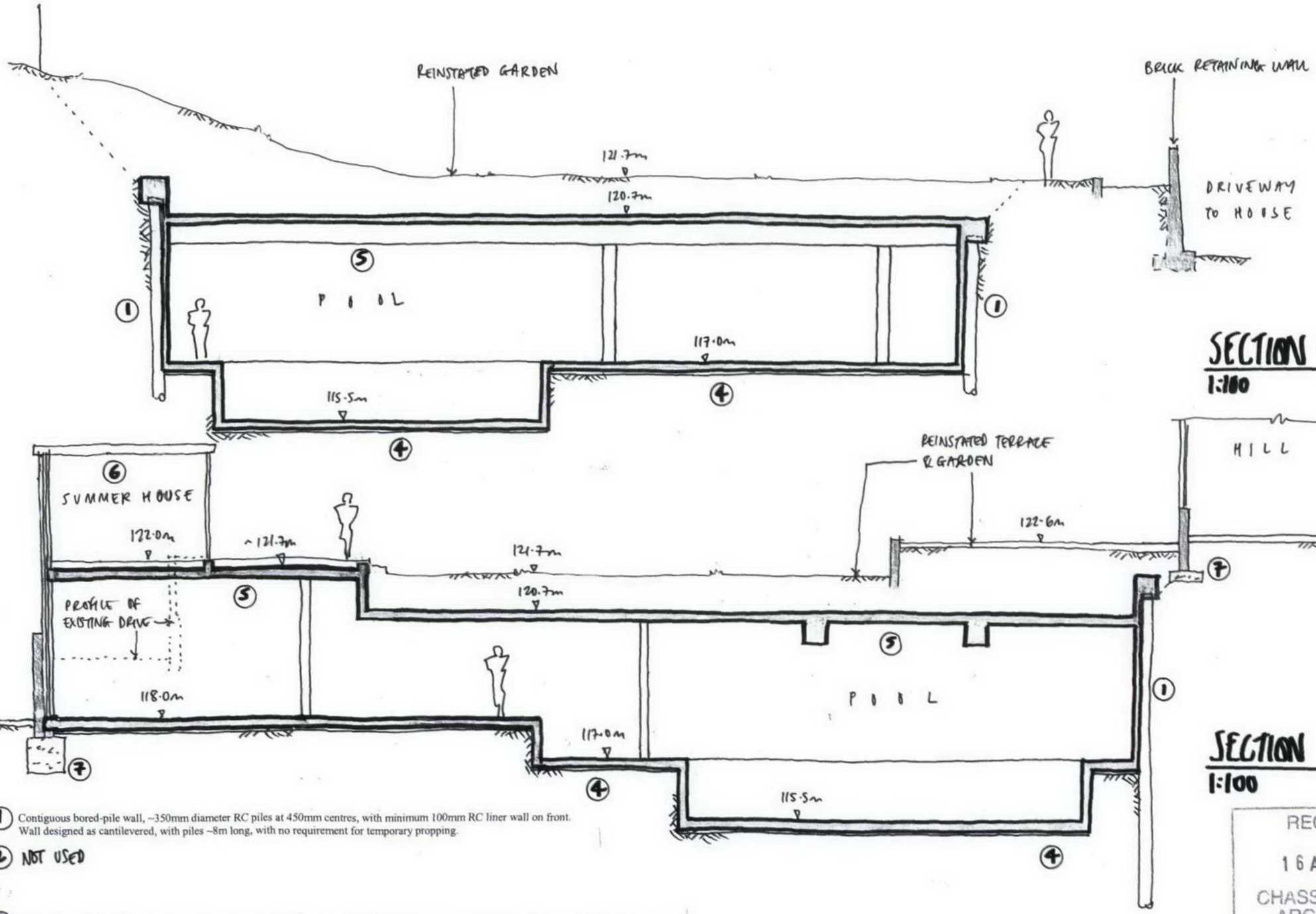

SECTION A-A
1:100

SECTION B-B
1:100

(1) Contiguous bored-pile wall, ~350mm diameter RC piles at 450mm centres, with minimum 100mm RC liner wall on front. Wall designed as cantilevered, with piles ~8m long, with no requirement for temporary propping.

(2) NOT USED

(3) New ~250mm thick RC structure forms 'tunnel' beneath existing ground floor slab, linking existing and proposed basements. If structure cannot be safely installed from below allow for removal and reinstatement of ground floor slab internally over – trial pits to be completed.

(4) ~300mm thick RC basement raft slab, on 50mm concrete blinding, assumed cast direct onto natural dense sand – borehole to be completed.

(5) ~300mm thick RC ground floor slab, with ~500mm square RC beams over pool, supported on ~300mm square RC columns at maximum 6m centres. Garden & terracing to Hill House reinstated over slab, as required.

(6) New timber joist roof structure to Summer House, with supporting steelwork and loadbearing masonry as required to suit proposed architecture.

(7) Confirmation of existing wall foundations required to determine extent of new foundations - trial pits to be completed.

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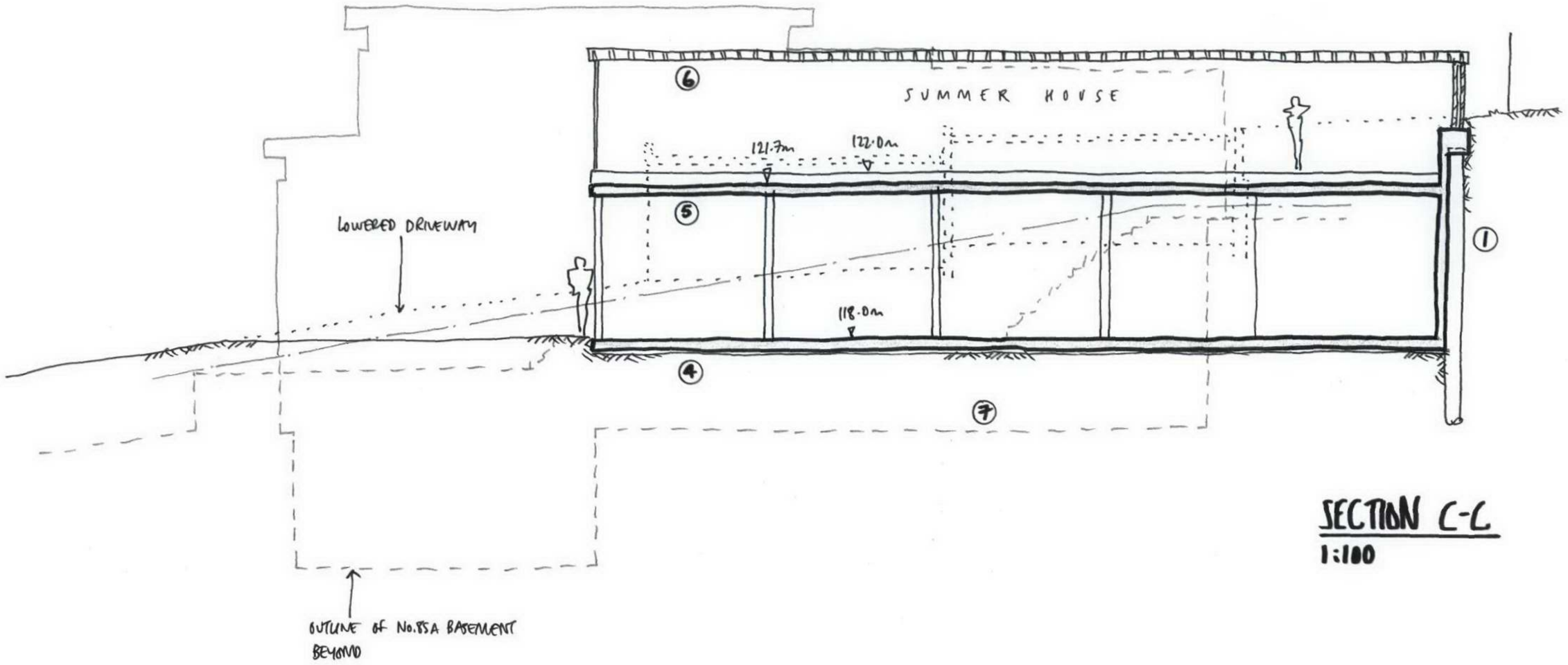

SECTION C-C
1:100

(1) Contiguous bored-pile wall, ~350mm diameter RC piles at 450mm centres, with minimum 100mm RC liner wall on front. Wall designed as cantilevered, with piles ~8m long, with no requirement for temporary propping.

(2) NOT USED

(3) New ~250mm thick RC structure forms 'tunnel' beneath existing ground floor slab, linking existing and proposed basements. If structure cannot be safely installed from below allow for removal and reinstatement of ground floor slab internally over – trial pits to be completed.

(4) ~300mm thick RC basement raft slab, on 50mm concrete blinding, assumed cast direct onto natural dense sand – borehole to be completed.

(5) ~300mm thick RC ground floor slab, with ~500mm square RC beams over pool, supported on ~300mm square RC columns at maximum 6m centres. Garden & terracing to Hill House reinstated over slab, as required.

(6) New timber joist roof structure to Summer House, with supporting steelwork and loadbearing masonry as required to suit proposed architecture.

(7) Confirmation of existing wall foundations required to determine extent of new foundations - trial pits to be completed.

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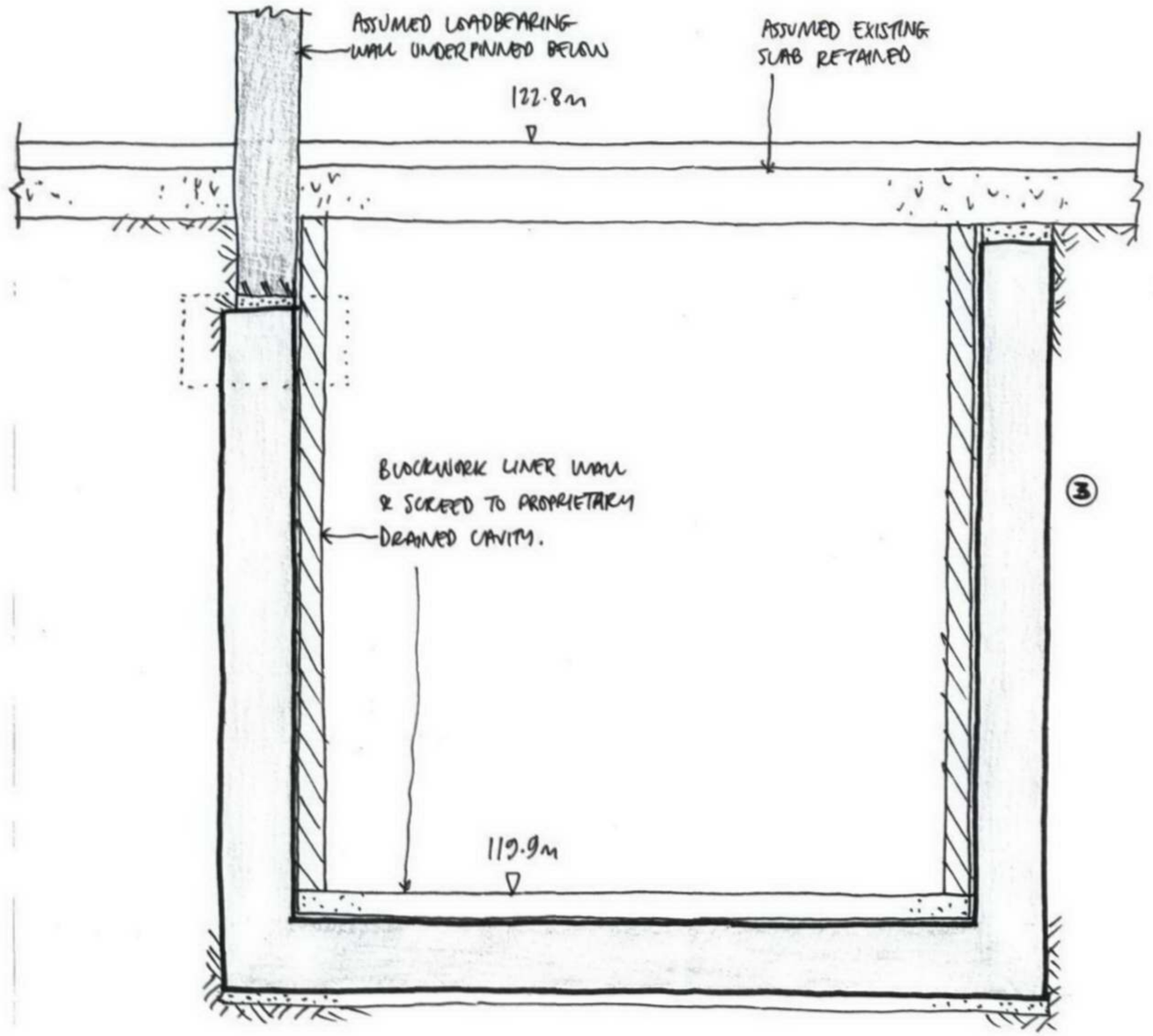

'TUNNEL' TO HILL HOUSE

SECTION E-E

1:20

(3) New ~250mm thick RC structure forms 'tunnel' beneath existing ground floor slab, linking existing and proposed basements. If structure cannot be safely installed from below allow for removal and reinstatement of ground floor slab internally over – trial pits to be completed.

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