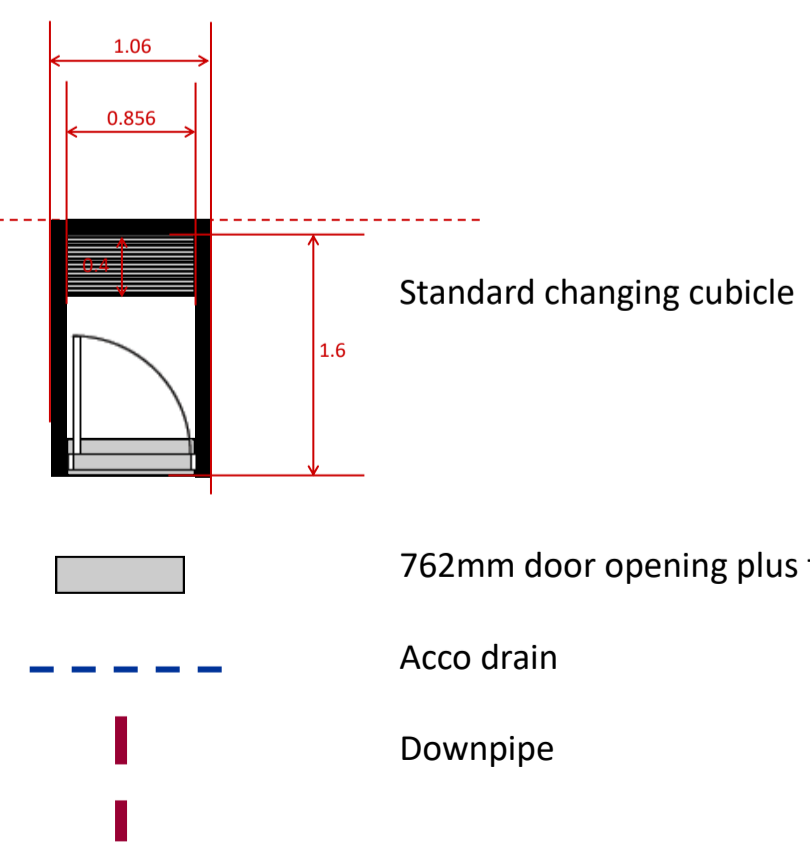



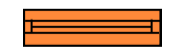





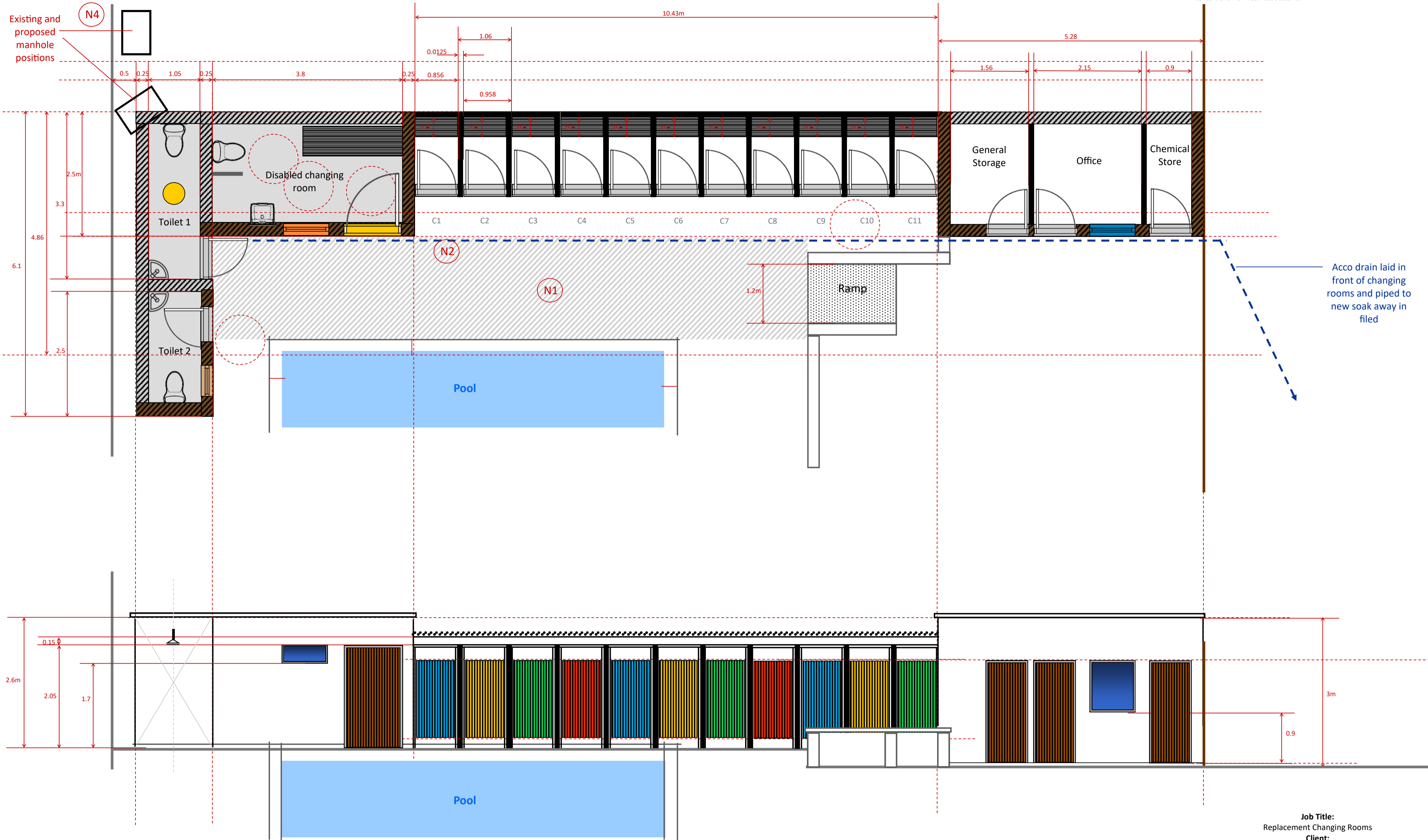


Key:



-  1000mm door opening plus frame
-  1 metre diameter space
-  915mm (w) x 900mm (h) window
-  915mm (w) x 450mm (h) window
-  630mm (w) x 450mm (h) window
-  Standard solid 102mm wall
-  250mm cavity block walls with 50mm cavity
-  250mm cavity walls faced with brick 50mm cavity
-  450mm diameter sun tunnel for flat roof

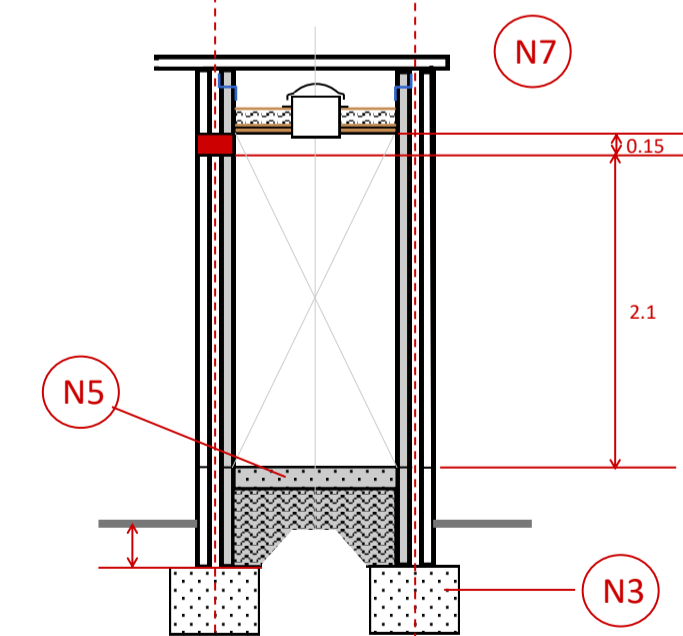
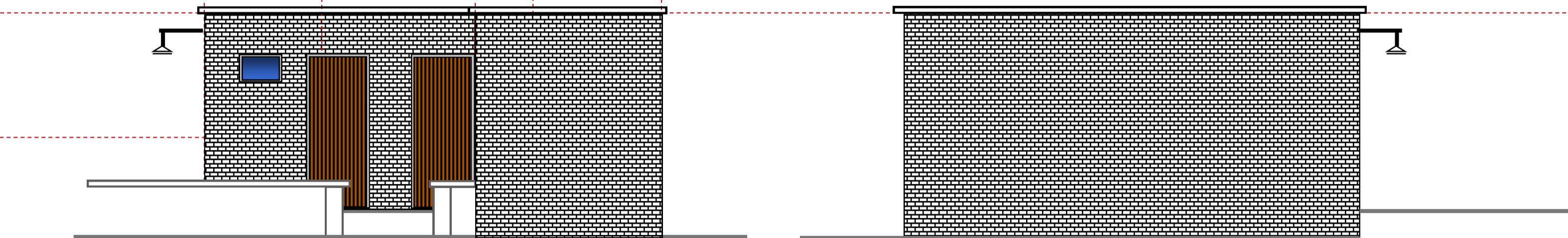
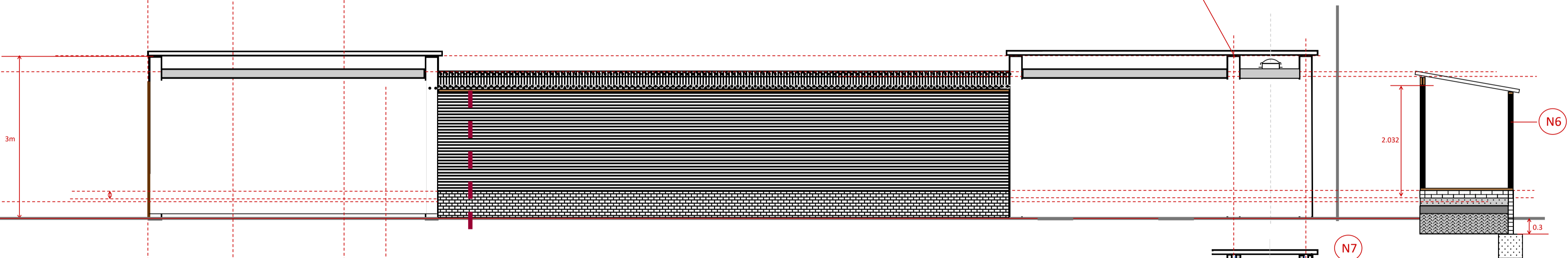
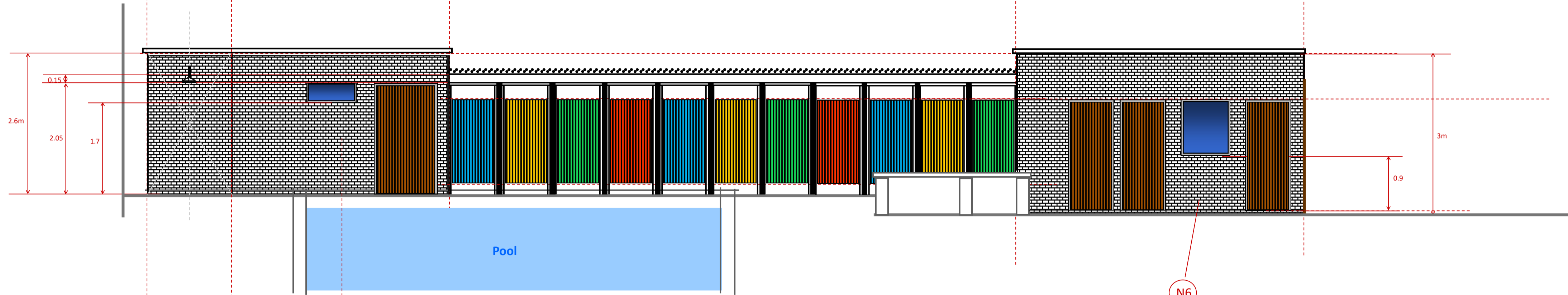
Job Title:
Replacement Changing Rooms
Client:
Shere Swimming Pool Committee
Drawing Title:
Construction Drawing
(general layout with dimensions)
Scale: 1:50 @ A2
Date: August 2020



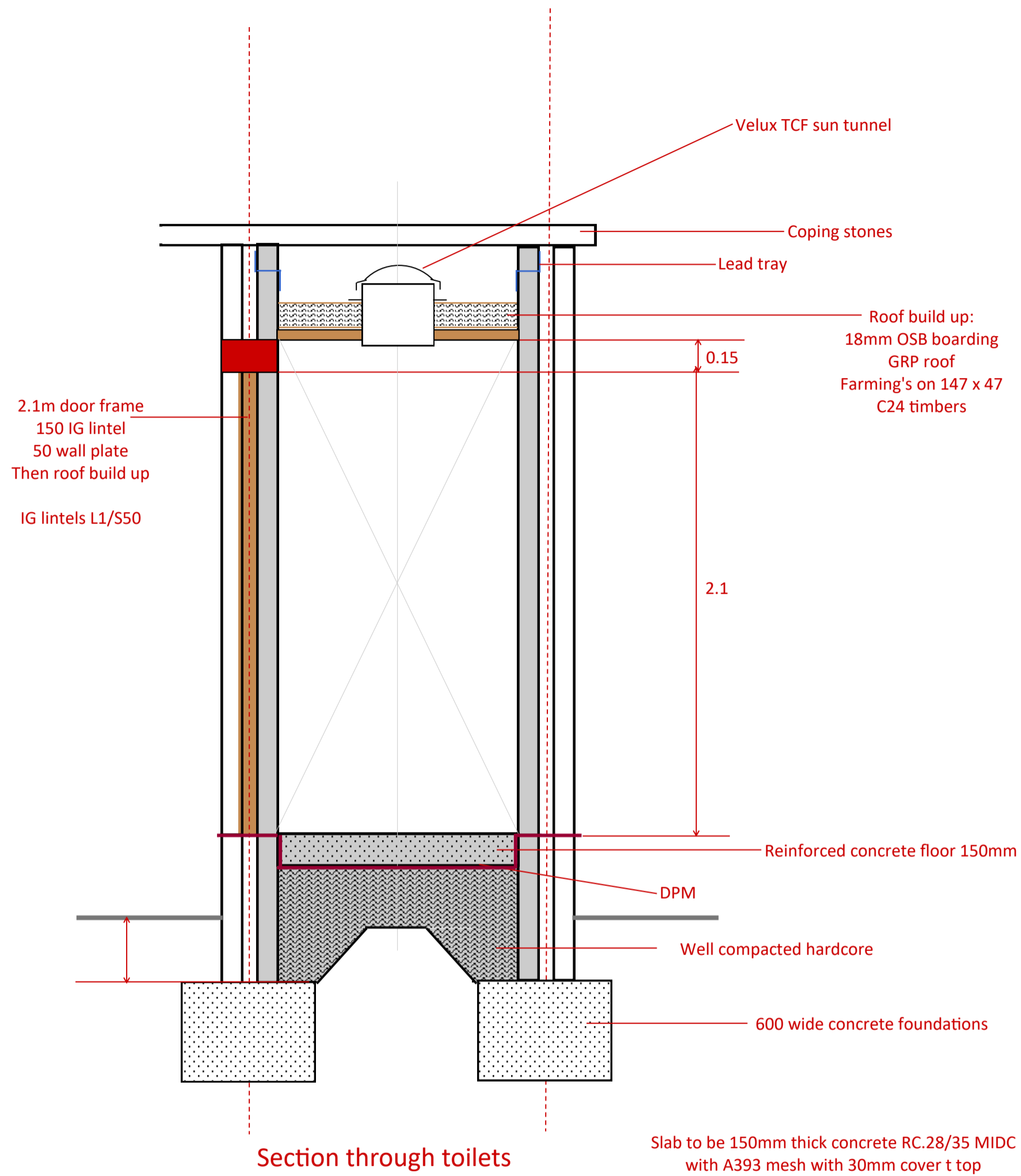
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Client: Shere Swimming Pool Committee
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Notes on works to be carried out at Shere swimming pool:

Demolition:

Isolate all services running to the existing toilets and offices.
Demolish the existing toilet block, cubicles, office block.

(N1) Cart away from site.
Remove the existing paving shown hatched on the drawings and set aside for reuse.

(N2) Insert new acco drain as shown and run new drainage to new soak away or stream. The floors from the cubicles should fall to this drain. The surface from the pools edge should also fall into this new drain. Relay slabs.

Construct new ramp and steps as shown. Consideration should be given as to how all the surfaces tie into one another.

Construct new toilets, cubicles and office block. Forming new foul drainage and rain water drainage.

Works below dpc:

(N3) Excavate for new foundations 1M deep or to Building Control approval. Foundations to be 600mm wide. Consideration should be given to any tree roots that might affect foundation depth. Walls to dpc level should be in dense concrete blocks and face brickwork. Bricks are to match the pump room as best as possible. Incorporate any expansion joints in brickwork to dpc level on rear wall if required. Building contractor is to supply brick samples for approval. Any pipe work running though walls should be bridged with pre stressed concrete lintels.

Foul drains:

(N4) All pipe work to be 100mm diameter UPVC laid to falls of 1:40 and surrounded in pea shingle. The existing manhole for the toilet block is to be re sited so as to accommodate new buildings. S and VP should be extended up in 100mm diameter UPVC and to terminate 900mm above any opening within 3M

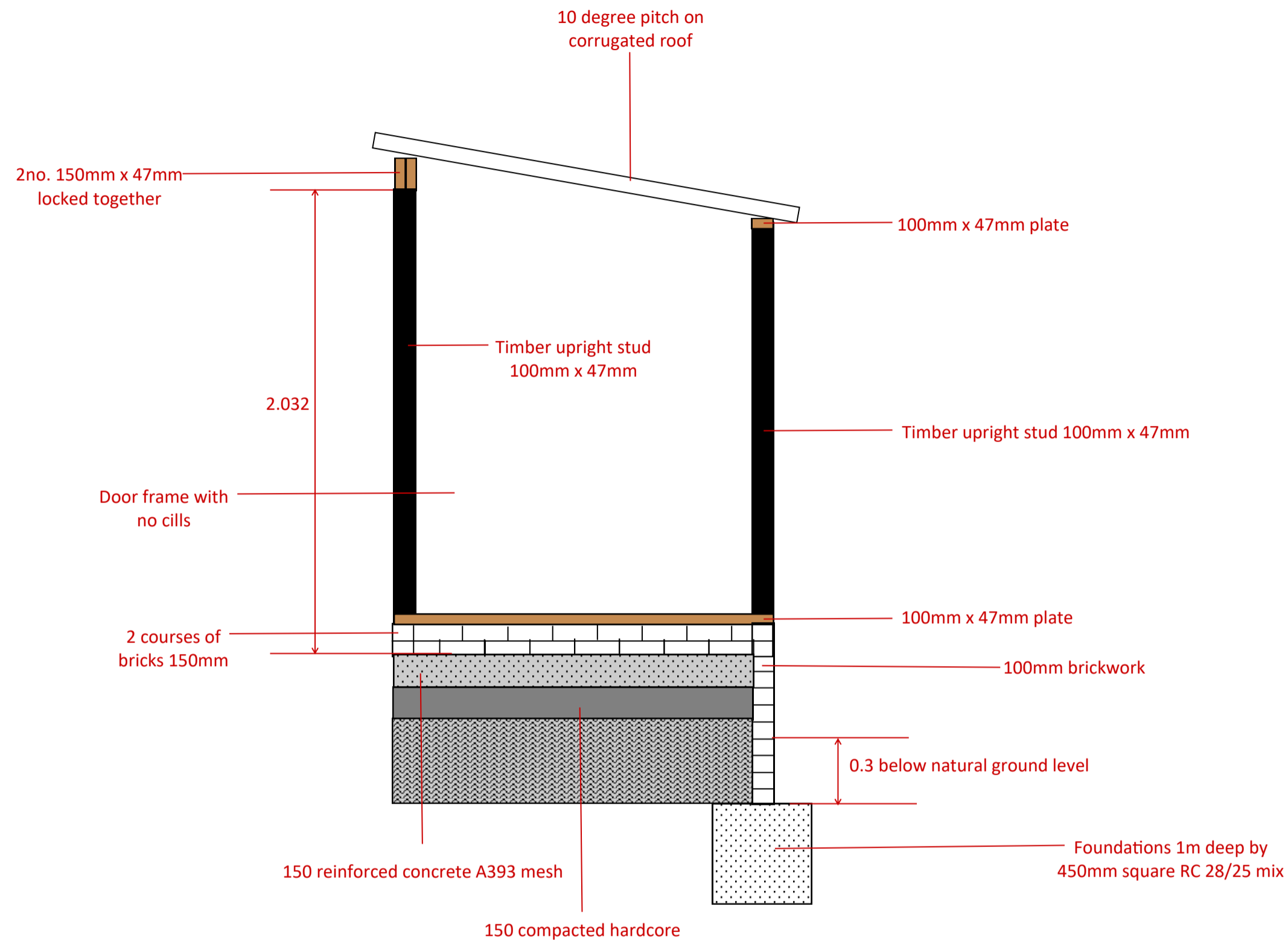
Rainwater:

Guttering to be black deep flow guttering provided with sufficient fall. Downpipes to discharge into underground pipe work which run to new soak away or stream.

Floors:

(N5) Cubicle floors should be made up of a minimum of 150mm well consolidated hardcore. The floor is to be 150mm thick concrete with A393 mesh with a 50mm cover at the bottom. RC28/35 concrete. Office and let floors to be a minimum of 150mm well consolidated hardcore with a 50mm sand blinding, 1200 gauge dpm and 100mm concrete. All floors to have a float finish.

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Section through changing rooms

Toilet and office walls:

(N6)

Walls to have a dpc a min. 150mm above ground level.
 Brick outer skin.
 Bricks to match pump house 100mm cavity and filled with Dritherm 37, 100mm Thermalite or similar inner skin.
 Blocks to be pointed.
 Stainless steel wall ties spaced 750 horizontally and 450mm vertically and at 225mm centers at reveals.
 Use CG90/100 lintels over openings .
 Close all cavities with blocks and vertical dpcs.
 The cubicles walls are to built off of two courses of brick work laid directly off of the concrete floor.
 A dpc should be laid on the bricks before commencing the stud walls.
 The stud walls are to be made from 95x47mm timbers. Clad externally on the rear wall with weather boarding.
 Internally they should be clad on one wall only using t and g boarding. Use two 147x47mm timbers, Timber locked together to form front wall and lintels over door ways to cubicles.

Roofs:

Toilet and office block:

Wall plate to be strapped down to walls at 2M spacing's. 175 x 47mm C24 roof joists.
 Firrings fixed to joists to give adequate floor to flat roof. 18mm OSB boarding fixed to firrings and joists.
 GRP finish.
 Provide 150mm up stands around perimeters.
 Provide lead flashings over GRP up stands. In the ladies toilets provide a Velux TCF sun tunnel.

(N7)

Finishes to walls to be decided.

Doors and windows to be decided.

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