

NOTES

1. All dimensions are in millimetres (mm) unless noted otherwise.
2. Work to figured dimensions only.
3. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
4. Any discrepancies between all working Drawings, Specifications and Schedules of all disciplines to be immediately notified to CTP for clarification / correction prior to construction of relevant structure.
5. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
6. For setting out see Architect's drawings.
7. All proprietary products to be installed in accordance with the Manufacturer's instructions / recommendations.
8. Prior to undertaking any works the contractor should investigate any services in the immediate area and undertake a scan of the working area.

SUB-STRUCTURE / GROUND:

9. Any excess excavation wider than required to be backfilled with hardcore or FND3Z under pavings or as dug materials under landscape, compacted in layers.
10. The Building Inspector and Engineer are to be afforded the opportunity of inspecting the formation level of any foundations prior to the placing of the concrete. Allow a minimum 24 hours' notice for inspection.

GROUND BEARING SLABS:

11. Ground bearing ramp slab thickness to be as indicated on the drawing. Ramp constructed using RC35 concrete in accordance with BS 8500 with an A393 mesh placed 25mm cover top & bottom of slab. Mesh to have 400mm laps and minimum 50mm cover (sides and bottom).
12. 'Type 2' granular sub-base, complying with The Specification for Highway Works series 800. Sub-base compacted in 150mm layers to suit ramp gradient / height. Compaction to comprise a minimum of 8 passes using a min 1800 kg/m² vibrating plate. All soft spots are to be removed and filled with a Gen 1 mass concrete.
13. Sub-grade below floor to be treated with a proprietary weed-killer.

STRUCTURAL CONCRETE:

14. Concrete Grades (BS 8500):
 - Mass concrete blinding to be GEN3.
 - Reinforced concrete to be RC35.
15. Ready mixed concrete to be obtained from a plant that holds a current certificate of production conformity to NACCB.
16. Surface of concrete at construction joints to be sprayed and brushed whilst green to expose aggregate finish. Surface to be clean and damp when fresh concrete is cast against it.
17. Do not place concrete when it risks freezing or overheating.
18. Discharge concrete so as not to cause segregation of ingredients. Fully compact concrete to remove all air.

PRELIMINARY

P3	Revised to suit latest Architects details.	08.01.19	KGD	MJH
P2	Revised to suit latest Architects details.	17.12.18	NT	MJH
P1	PRELIMINARY ISSUE	24.08.18	NT	MJH
Revision	Amendments	Date	Rev'd	Ch'd
NT	AUG 18			STRUCT

ctp consulting engineers

Suffolk House 154 High Street
Sevenoaks Kent TN13 1XE UK
UK: +44 (0)1732 740195
Malta: +356 2778 0051
www.ctp-llp.com

Project Title:

BAT AND BALL CENTRE

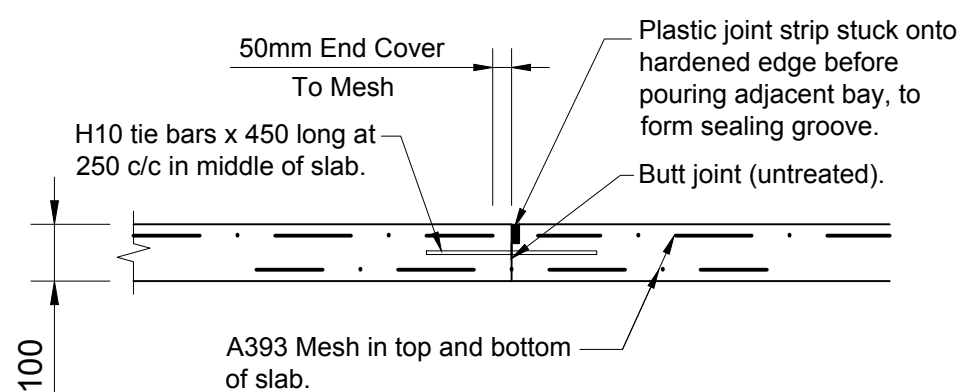
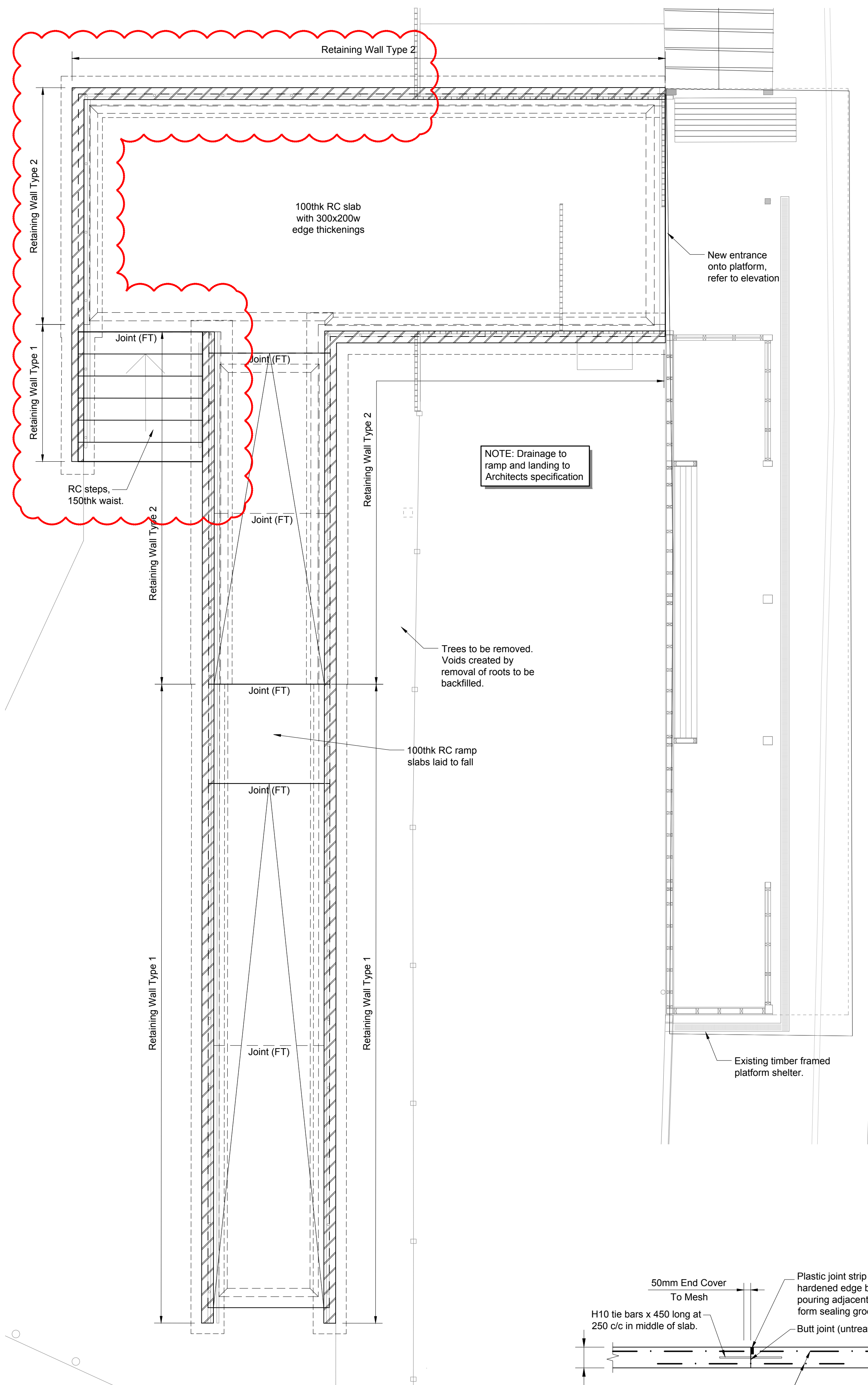
Drawing Title:

**NEW EXTERNAL RAMP
PLAN AND DETAILS.**

Drawing Number:

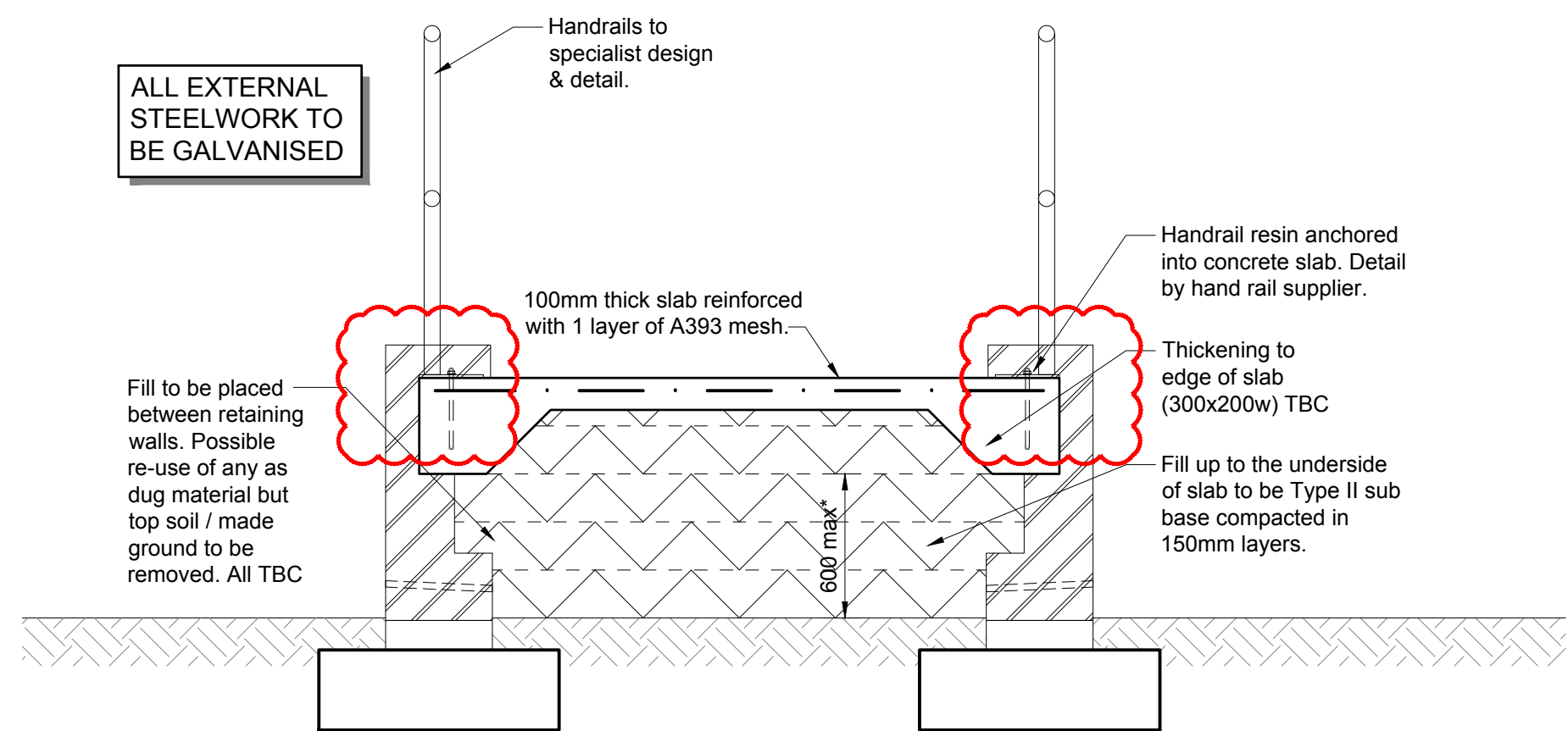
A5079-010

Scale
1:50 @A1
Unless Noted Otherwise
Revised
P3



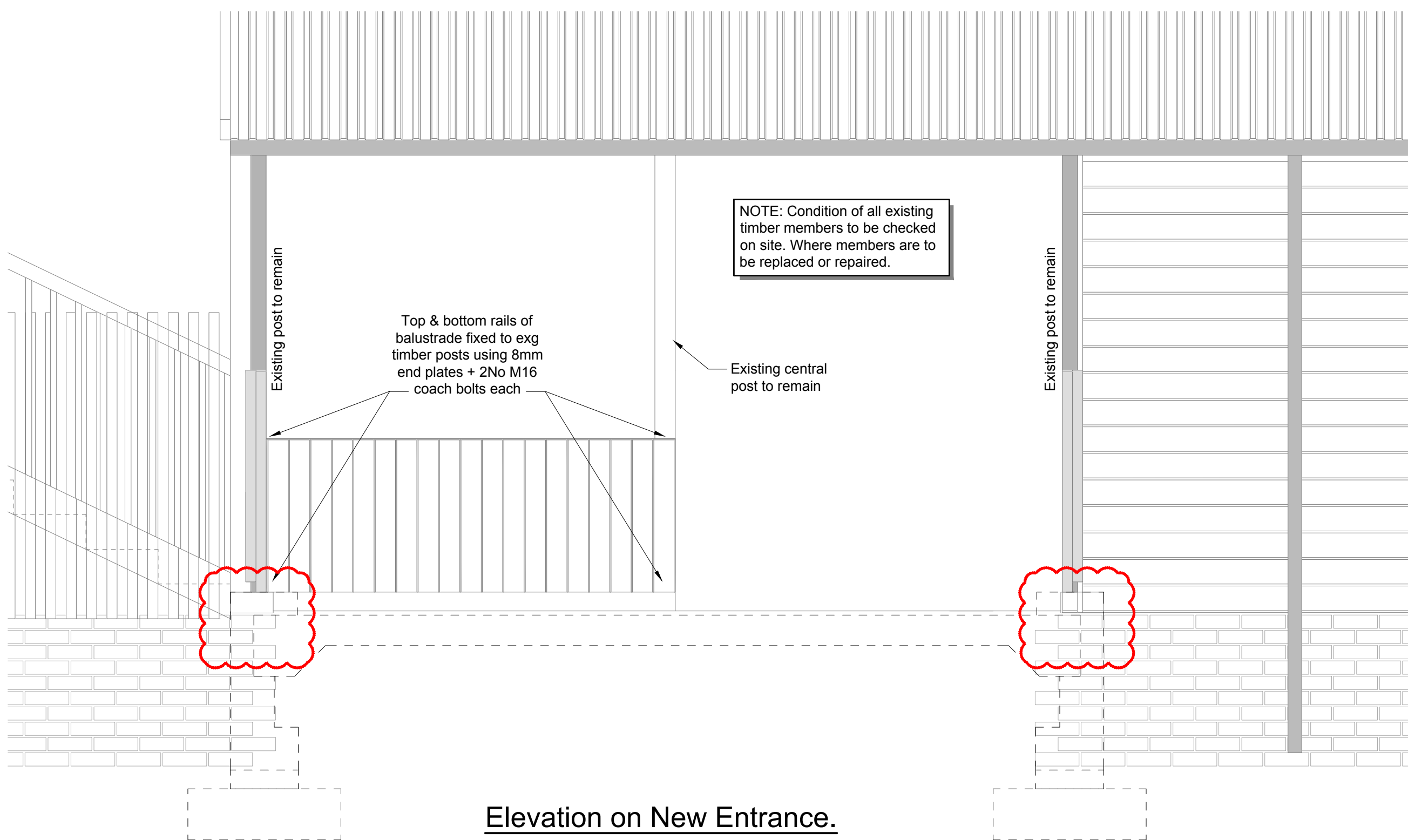
Formed Tied Joint (FT).

(Scale 1:20)



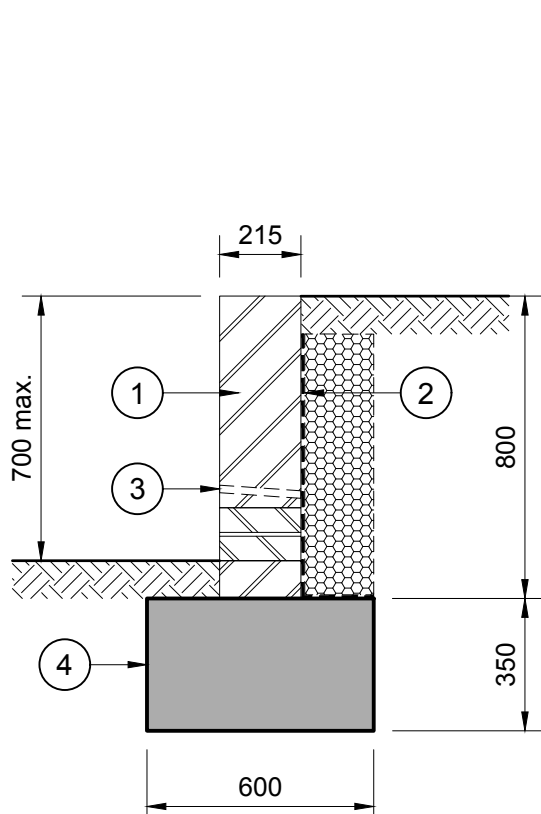
Typical Ramp Section.

(Scale 1:20)



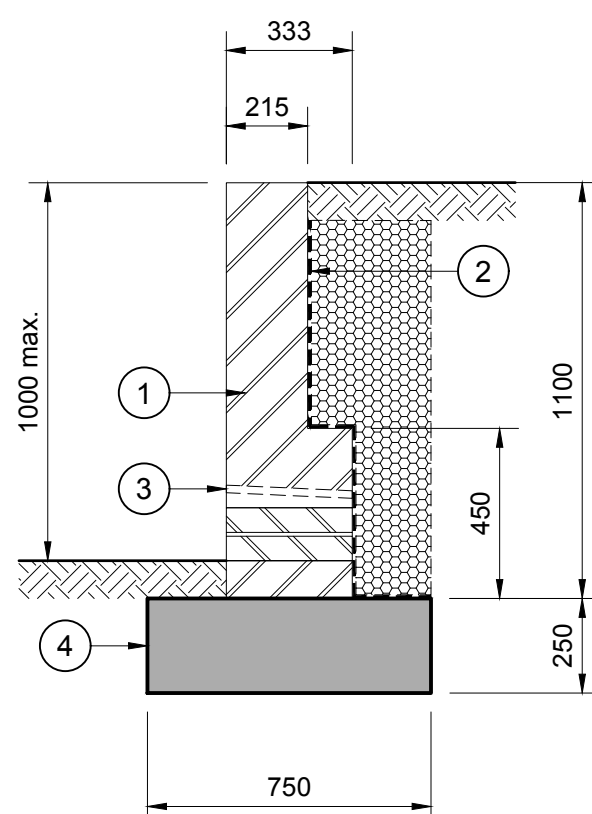
Elevation on New Entrance.

(Scale 1:20)



Type 1 (0-700mm)

(Above G.L.)



Type 2 (700-1000mm)

(Above G.L.)

NOTES:

1. Walls constructed from clay bricks not less than Class 3 (20N/mm²) special quality in Class M6 mortar. 2 courses of brick DPC (Class B engineering brick) from ground level.
2. Impervious lining to inner face of wall, using 2 coats of synthaprupe.
3. 60mm Ø pipes @ 2m max c/c inclined to rear of wall to prevent face staining.
4. Concrete foundation (concrete grade as detailed in the specification).

Movement joints @ centres not exceeding 15m must be provided with a water bar to prevent possible leakage from the retained earth staining the face of the wall.

Retaining Wall Details

(1:20.)