

NOTE:

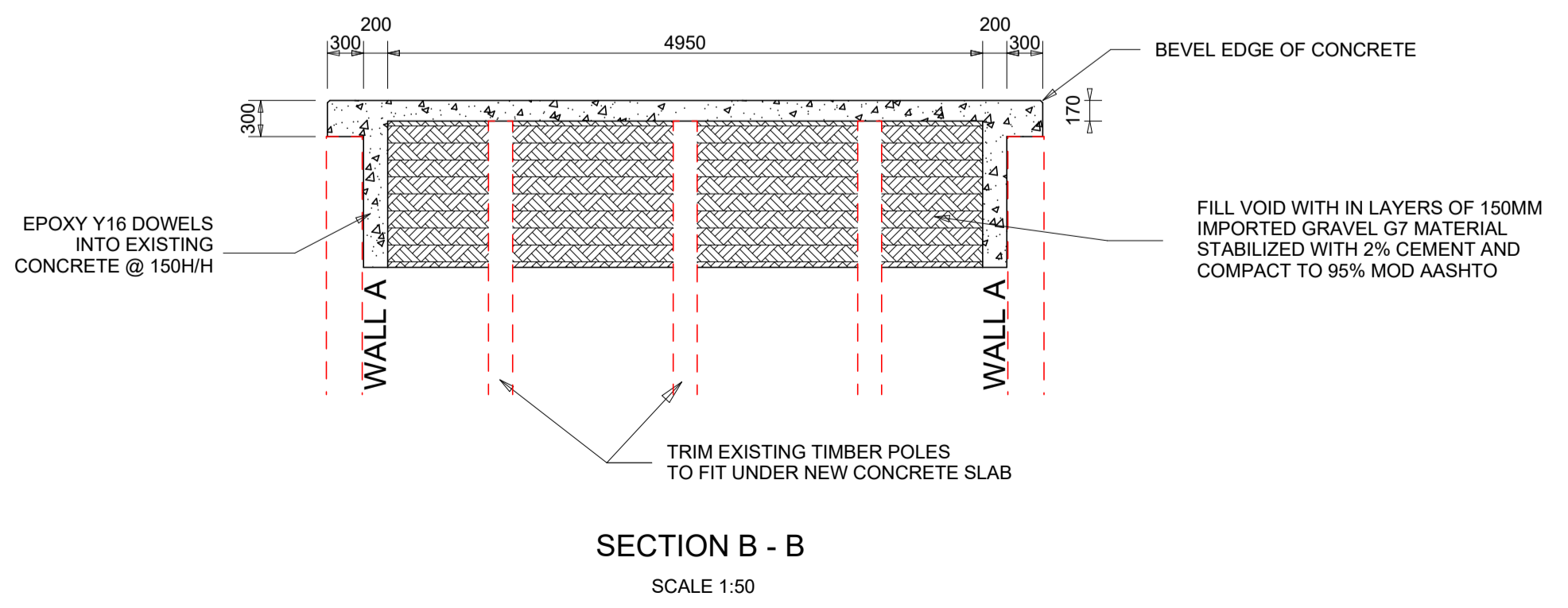
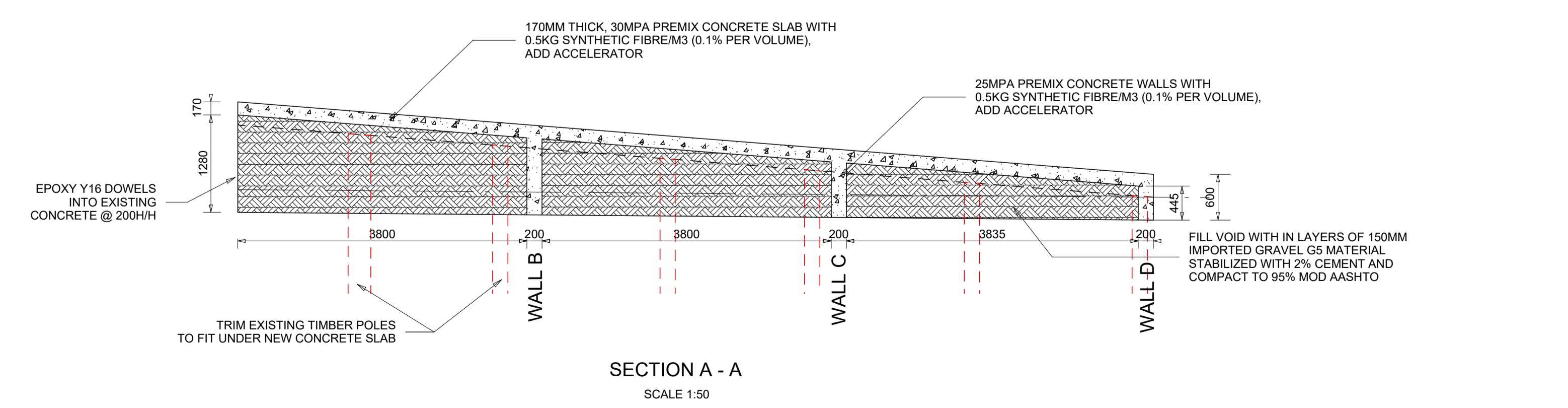
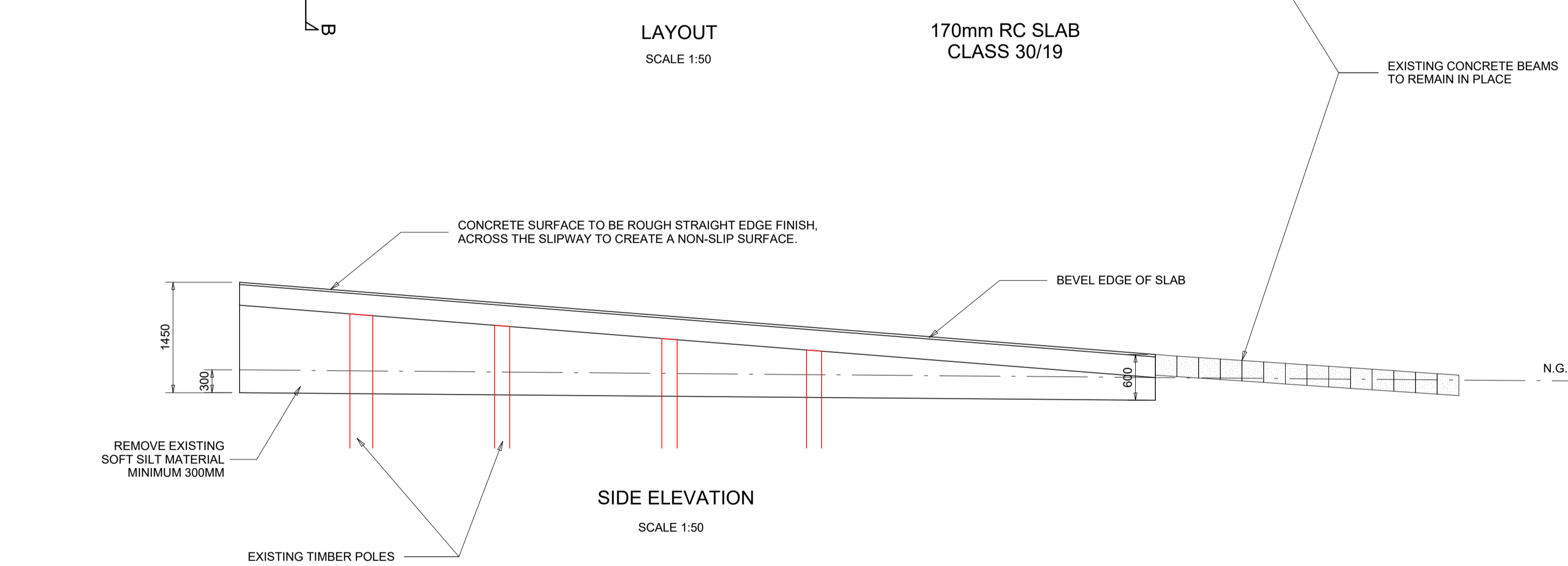
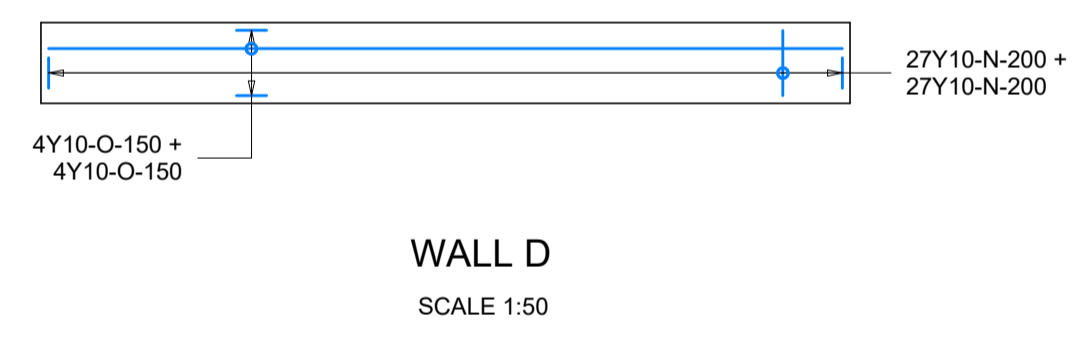
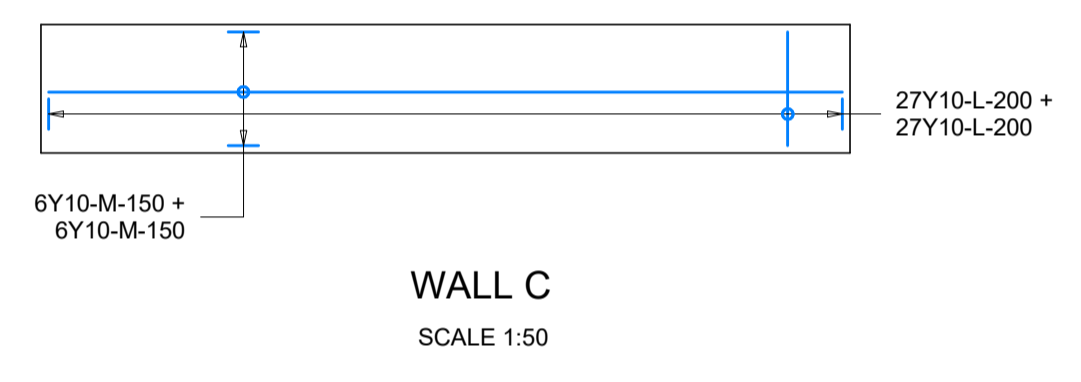
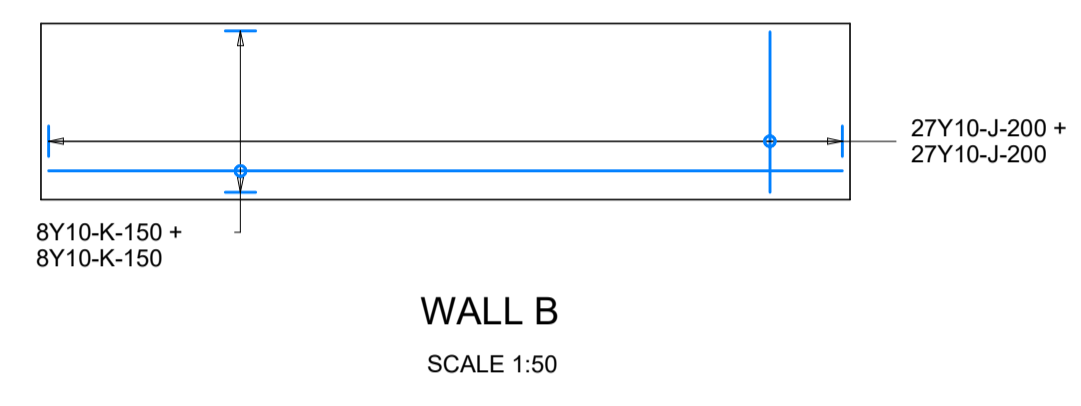
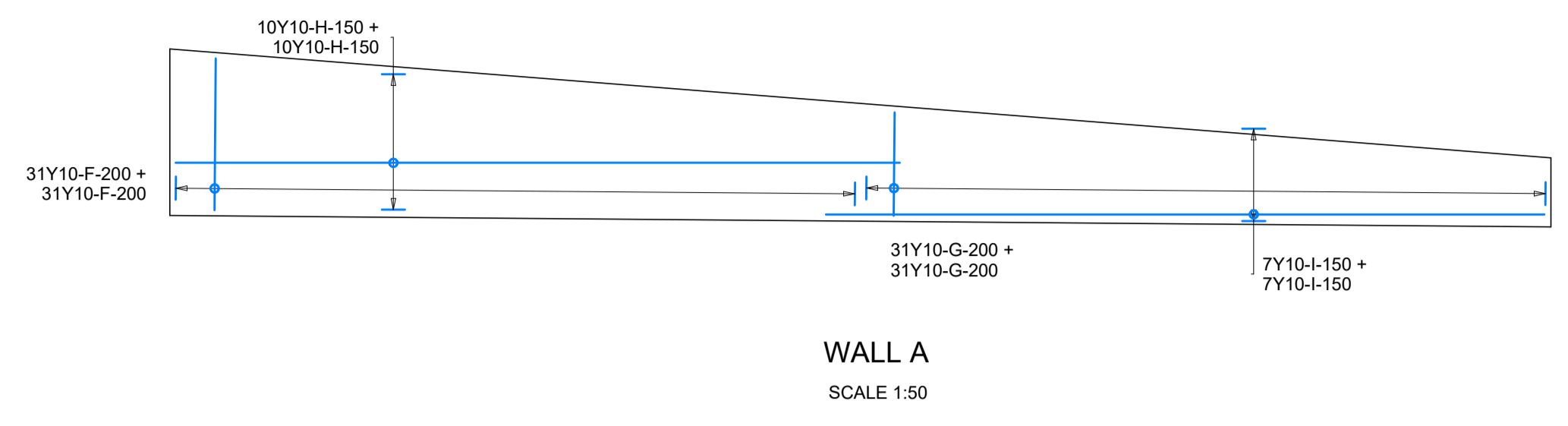
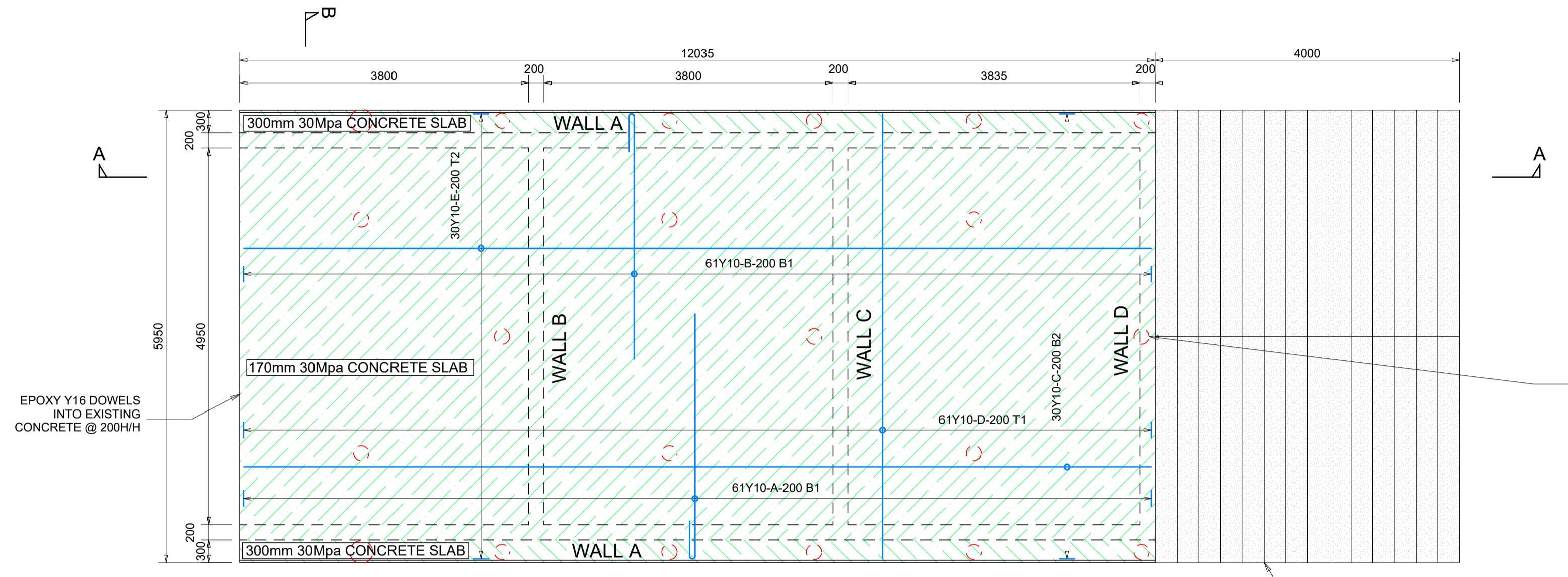
1. CAST CONCRETE SLAB WITH 30MPA PREMIX CONCRETE WITH 0.5KG SYNTHETIC FIBRE/M3 (0.1% PER VOLUME), ADD ACCELERATOR TO CURE CONCRETE BEFORE HIGH TIDE.
2. CAST WALLS WITH 25MPA PREMIX CONCRETE WITH 0.5KG SYNTHETIC FIBRE/M3 (0.1% PER VOLUME), ADD ACCELERATOR TO CURE CONCRETE BEFORE HIGH TIDE.
3. CONCRETE SURFACE TO BE ROUGH STRAIGHT EDGE FINISH, ACROSS THE SLIPWAY TO CREATE A NON-SLIP SURFACE.
4. THE NEW CONCRETE SLIPWAY TO BE CONSTRUCTED ON THE EXACT FOOTPRINT AS THE TIMBER SLIPWAY.

NOTE:
ALL WORK TO COMPLY WITH THE APPROVED MAINTENANCE ENVIRONMENTAL MANAGEMENT PLAN

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK

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- ALGEMENE NOTAS/GENERAL NOTES:**
- Concrete work to be done according to SABS 100 Part 2
1. STRENGTH
Minimum cube compressive strength of concrete at 28 days:
Structural concrete 20Mpa
Mass concrete 15Mpa
 2. AGGREGATE SIZE
Maximum aggregate size in:
Structural concrete 19mm
Mass concrete 20mm
 3. CASTING OF CONCRETE
No concrete is to be cast without prior inspection and written consent from the Engineer. The contractor is to take 3 test cubes per structural pour, cure and deliver to the Engineer for testing at 7 days.
 4. REINFORCEMENT
Reinforcement according to SABS 600
 5. REMOVAL OF FORMWORK
Slabs 14 days
Beams 21 days
Columns and walls 3 days
 6. CONCRETE CURERS
Cover of concrete reinforcement is:
Slabs 50 mm
Beams 40 mm
Columns and walls 40 mm
Foundation footings 50 mm
 7. DIMENSIONS
No dimensions are to be scaled from the drawings. The contractor shall report any discrepancy immediately to the engineer before construction commences.
 8. BACKFILLING
All backfilling and compaction to be done to the engineers approval.
 9. Blinding layers to be mass concrete.
- MASONRY CONSTRUCTION:**
1. All load bearing brick walls to have a compressive strength of not less than 10MPa laid on a class 2 mortar with a 28 day compressive strength of 5MPa as specified in SABS 554 Part 1-187 (Code of practice for masonry)
 2. BRICKWORK
Minimum diameter of brickwork = 2.5mm
Yield strength = 400MPa
Minimum lap length = 400mm
 3. Bricks to be placed in the first five layers of brickwork on slip footings, none after in every fifth layer in all load bearing brick walls. Place brickwork in the first five layers above all window and door openings.
 4. Place 10mm scaffold on top of all non-bearing walls.
 5. Two layers of scaffold with grease in between to be used on top of all load bearing brick work before concrete is placed.
 6. Load bearing brick walls are shown as follows:
7. Place crimped galvanized mild steel wall ties at a rate of 5 per m² in all 200mm walls together with brickwork by 150mm walls.
8. Build in 2 x 100mm wide pre-stressed concrete lintels over all door and window openings unless otherwise indicated.
- Note:
Building of internal walls on first floor to commence after removal of formwork.



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Prepared by TM	Checked by SM	Reviewed by
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Project:
NEW CONCRETE SLIPWAY

Detail:
SLIPWAY LAYOUT AND DETAILS

Scale: 1:50 / 1:20	Date: 24/04/2019
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Project No. TK1436	Dwg. No. 01	Rev. R0
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