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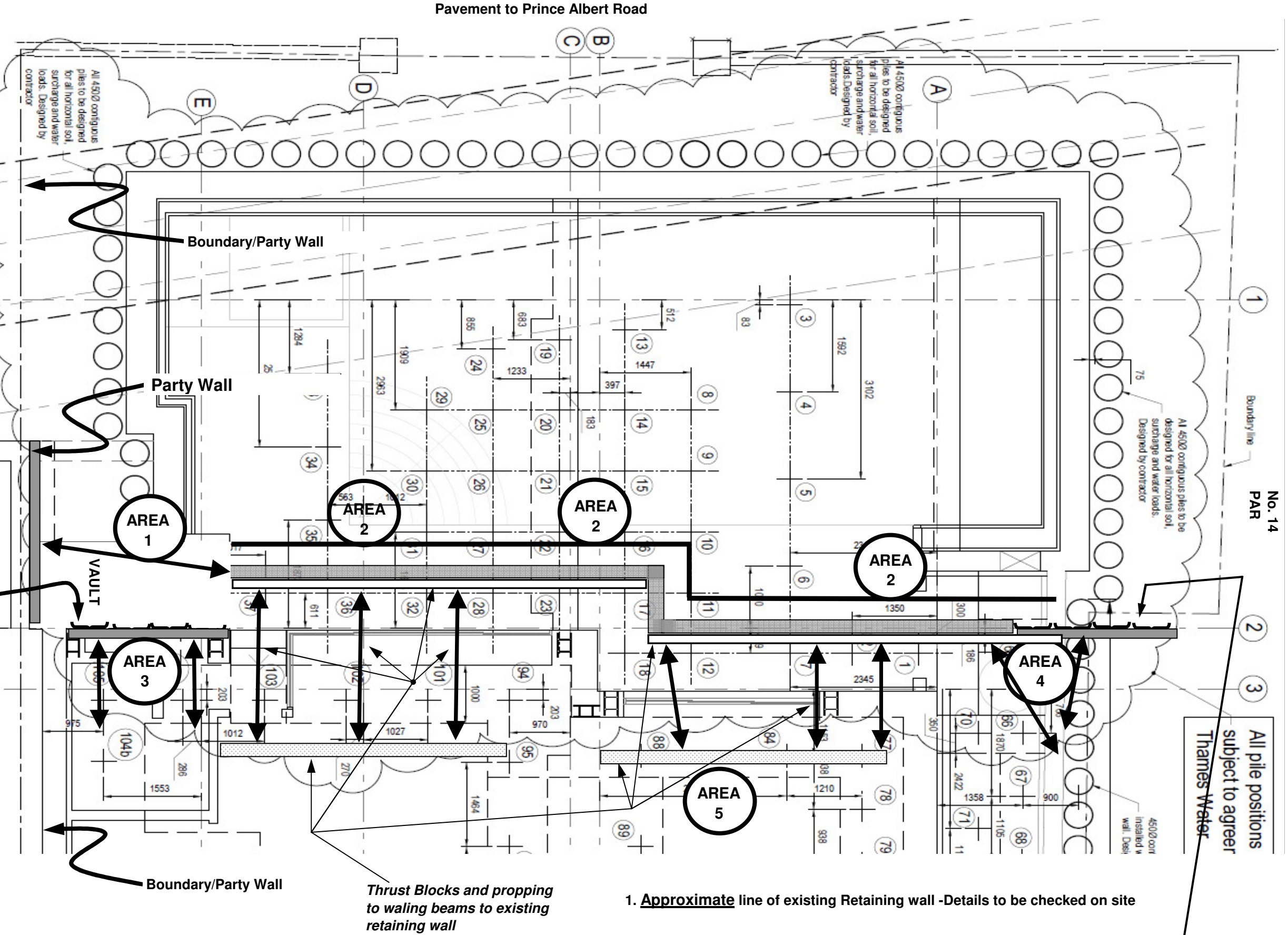
Mini Piling works to lightwell complete

Sequence of enabling works for Piling rig access and works

- Excavate and install support to Area 4
- Prop and break out Area 1, including entrance columns, staircase & vaulted Arch
- Prop and fill Area 3 & Area 1
Ensure Area 1 propping locations and drain is noted for later piling operations in this area
- Excavate and locally D/Drill out 'heel' to existing retaining wall at pile locations at Area 2 along rear of existing retaining wall
- Prop Area 5 (existing retaining wall)
- Break out all harstanding and RFS - HL
- Lay piling mat (to Pilers design) and compact
- Fix guard rails to top of wall in area 2.
- Complete piling works at higher level

Piling works to the lower level can be carried out with a 'craned' in mini-rig.

Groundworks within the structure will be greatly disrupted if not impossible to continue during these and subsequent preparation and upper level piling works

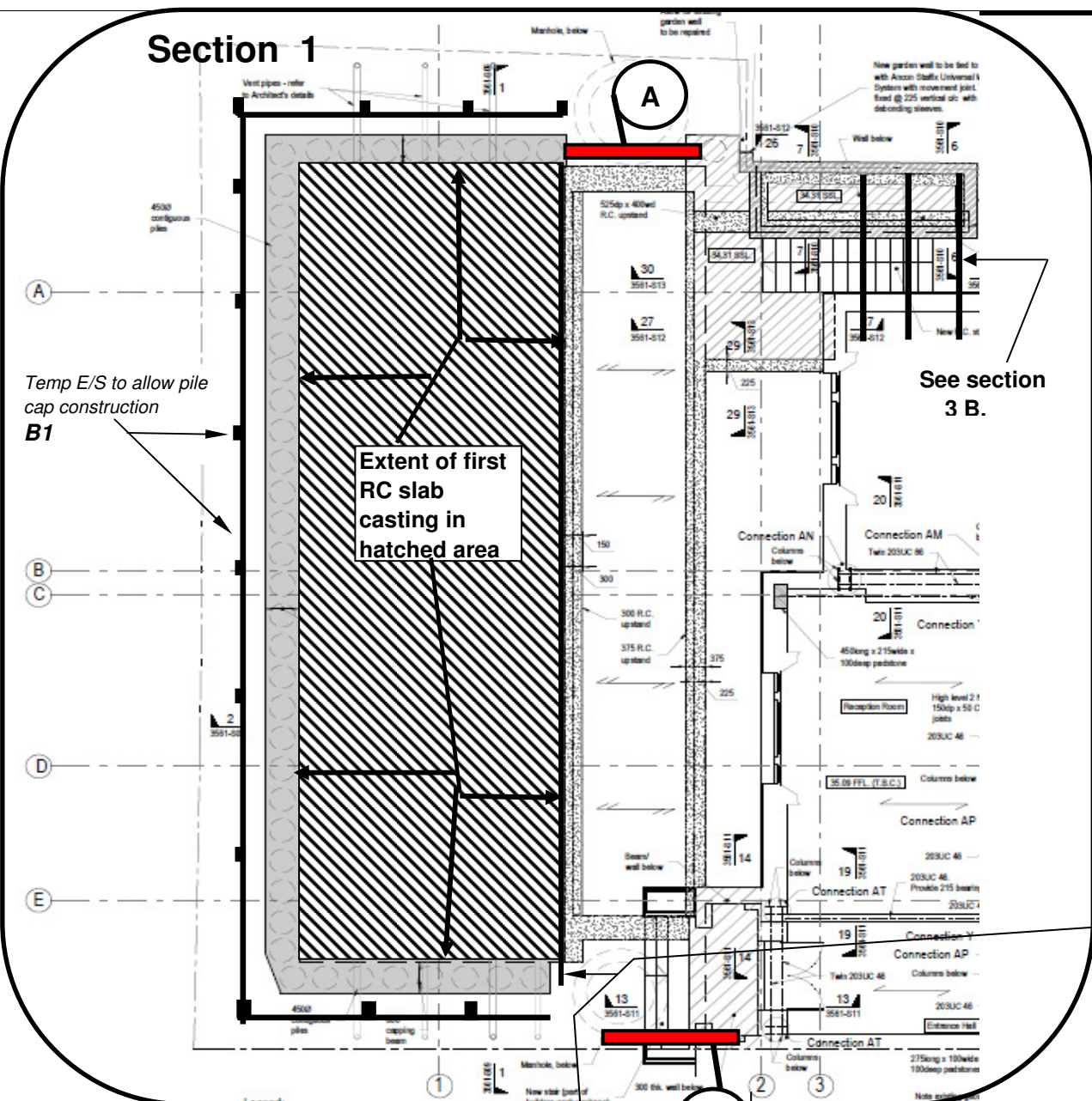


Trench sheeting, walers and propping, B & C

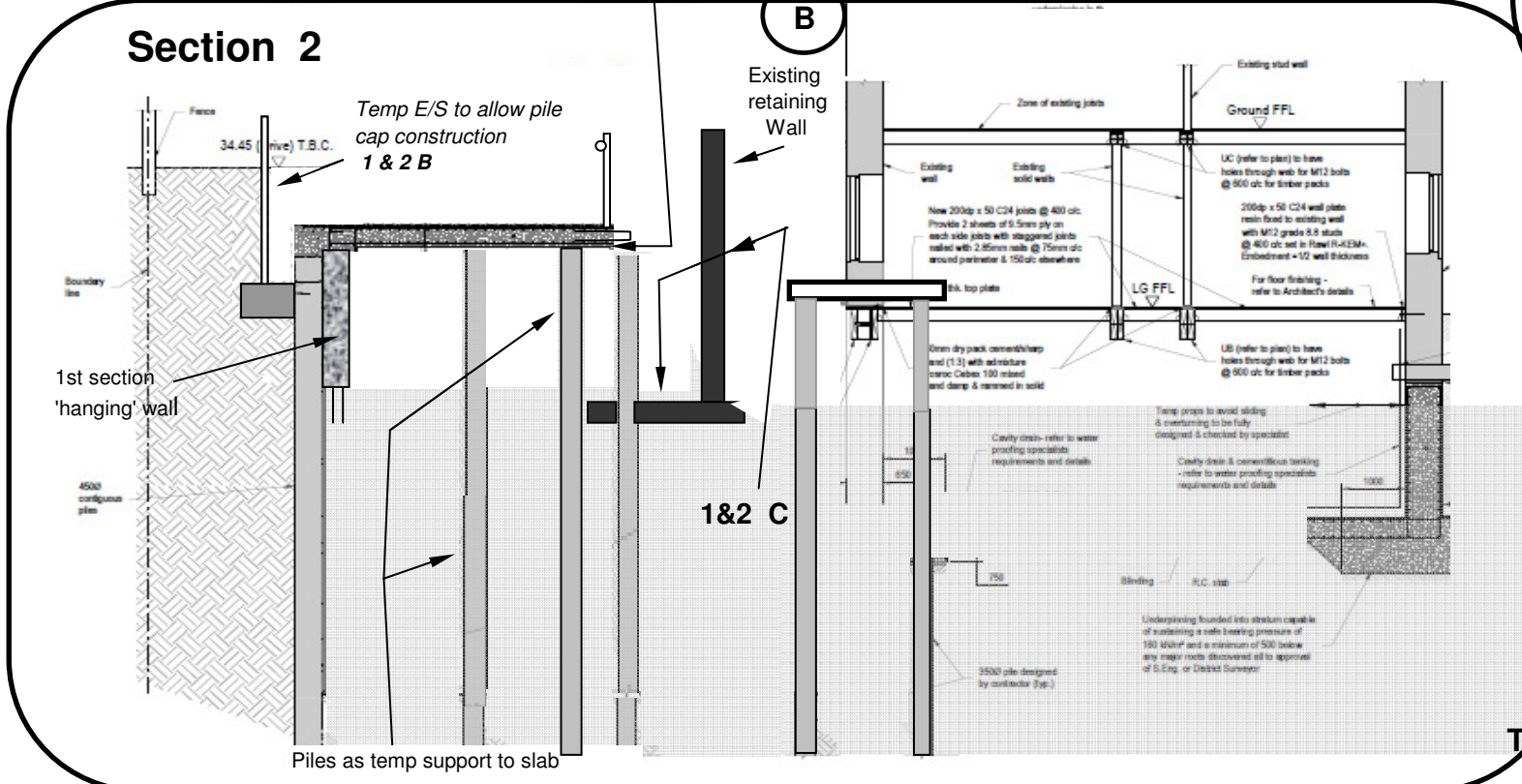
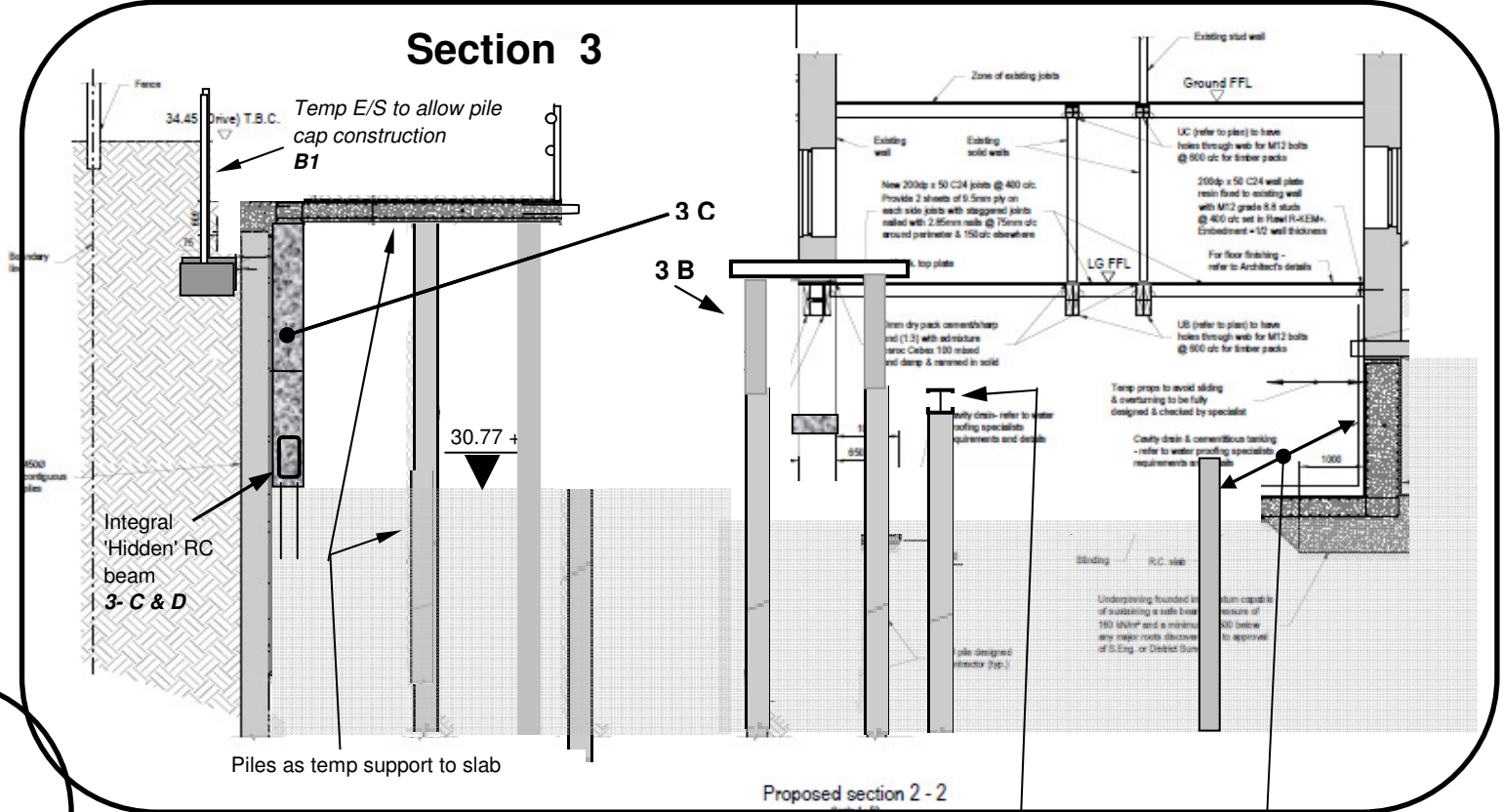
All pile positions subject to agree Thames Water

Trench sheeting, walers and propping, B & C

1. Approximate line of existing Retaining wall - Details to be checked on site



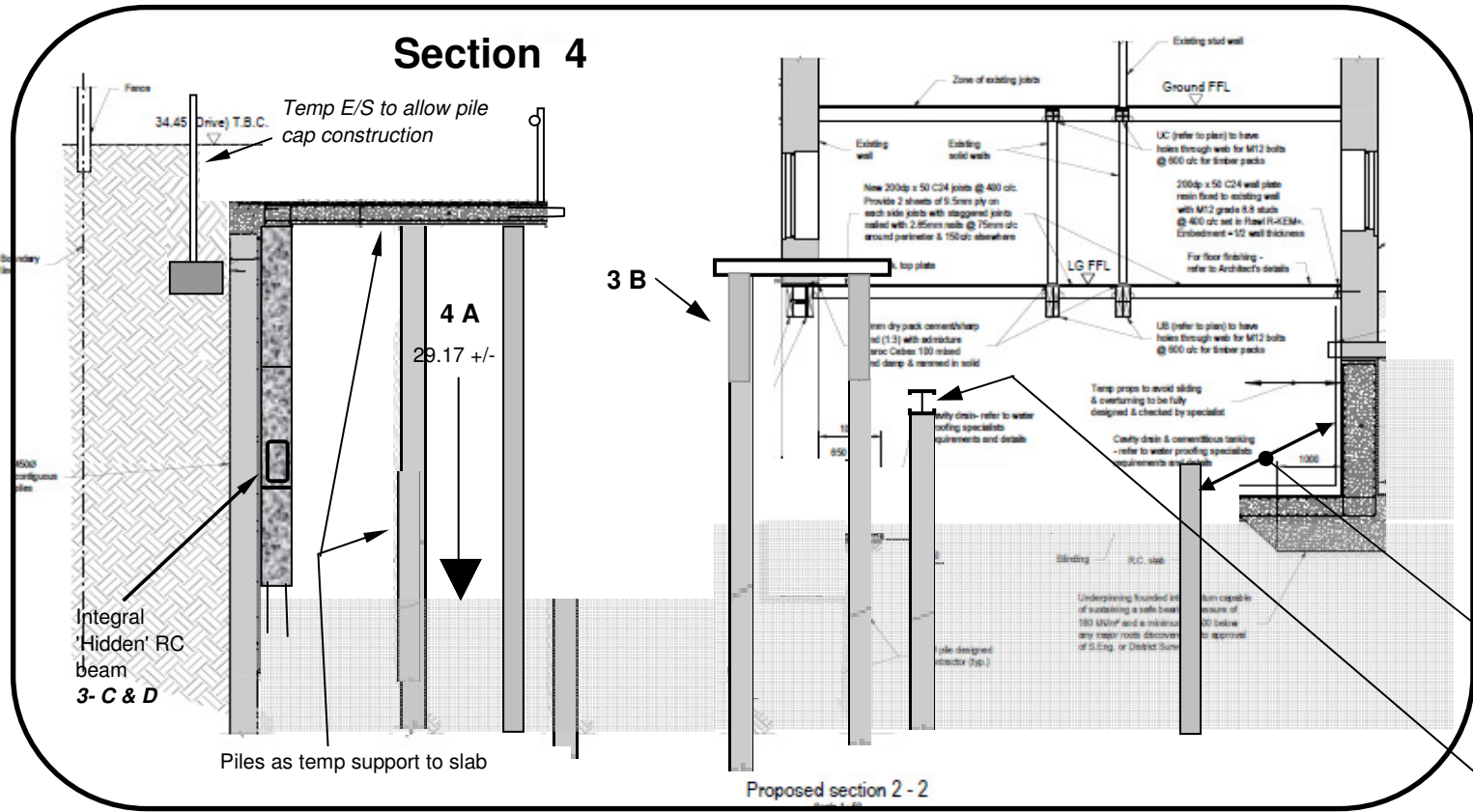
- Sequence - Piling works complete at higher and lower levels **Sections 1 & 2**
- A. Install walers/CB/propping to Areas A & B (3 & 4 on sheet 1)
 - B. Install perimeter earthwork support to allow excavation to form capping beam
 - C. Break out existing retaining wall & foundation, forming batter to rear edge of excavation - See Section 2
 - D. Excavate to soffit of Roof slab + formwork depths (18mm ply to 'head trees, to props onto blinding), allow batter formation to rear edge of excavation
- NOTE: Temporary propping (L-B piles) to slab to allow for plant loading + spoil + material deposit/storage
- E. Reduce piles not being used as temporary support
 - E. Cast capping beam and roofslab section with continuity as item C as per RTA drawings, allow to cure
 - F. Cast 'hanging' RC wall sections to perimeter of basement, to level 1 excavation



All Temporary works and detailing as per D Berle + WT & L sketches, drawings and calculations

- Sequence - Section 3
- A. Excavate and expose piles to be used as temporary support to front elevation (grids 2 & 3)
 - B. Install temporary works to Grid lines 2, 3 & A (See section 1 for area on Grid line A) (See Section 4 for sequence of this element)
 - C. Cast 'hanging' RC wall to 30.770 in new front basement to level of excavation, install continuity reinforcement for lower level walls, including integral 'hidden' RC beam allow to cure
 - D. Install plan struts to integral 'hidden' beam in front basement

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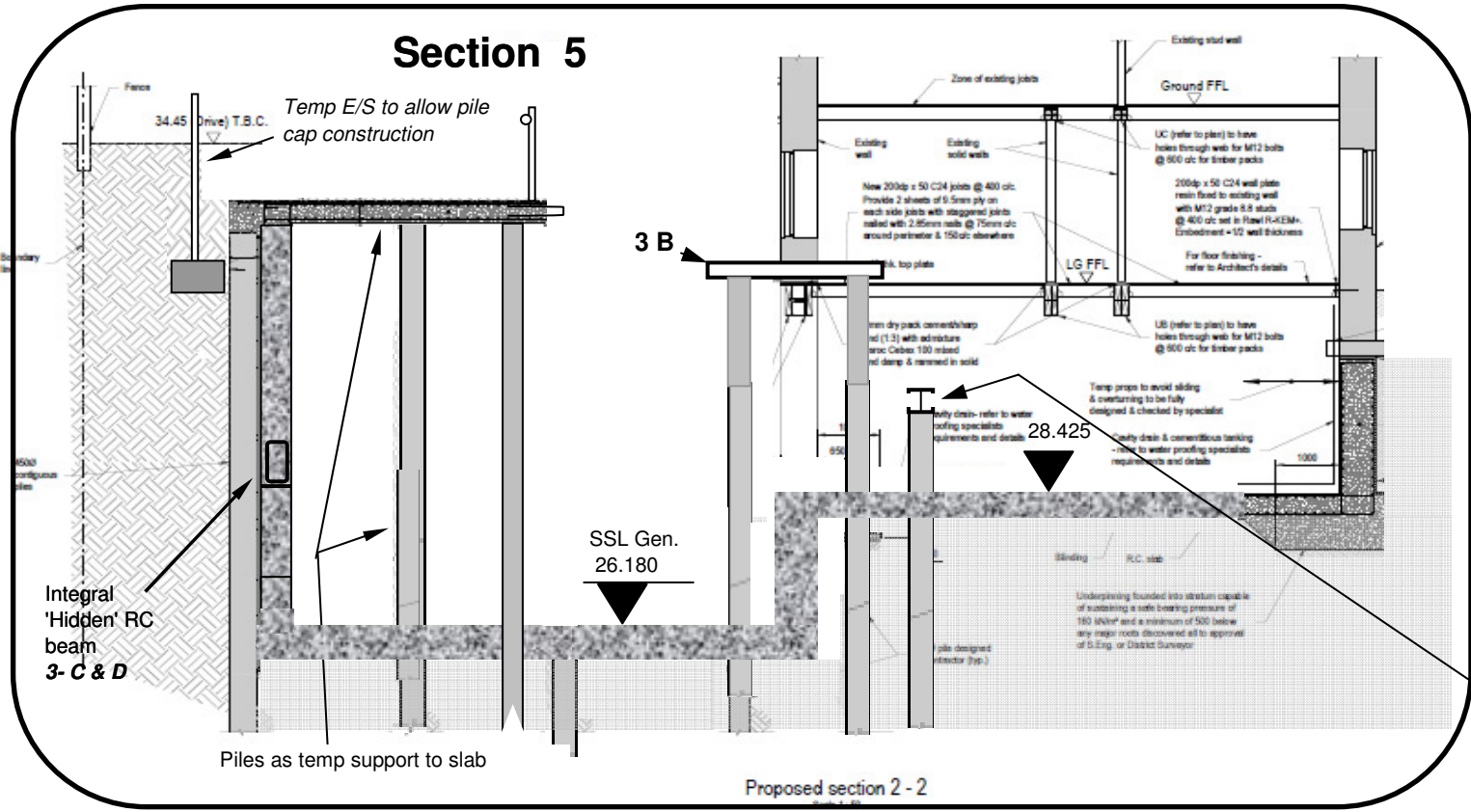
Section 4

- A. Excavate to 29.17 level +/- level to external basement, installing propping to internal underpinned walls as works progress
- B. Cast 'hanging' wall
- C. Progress excavation to internal and external basements, including temporary propping works
- F. Commence Drainage and blinding works to internal and external basements
- G. Fix reinforcement including cross drilling through permanent L/B piles for incorporation into main slab pour
- H. Cast section of RC basement slab to Dwelling

4 A

3 B

All Temporary works and detailing as per D Berle + WT & L sketches, drawings and calculations



Section 5

- A. Cast remaining basement slabs, upstands, kickers & walls

3 B

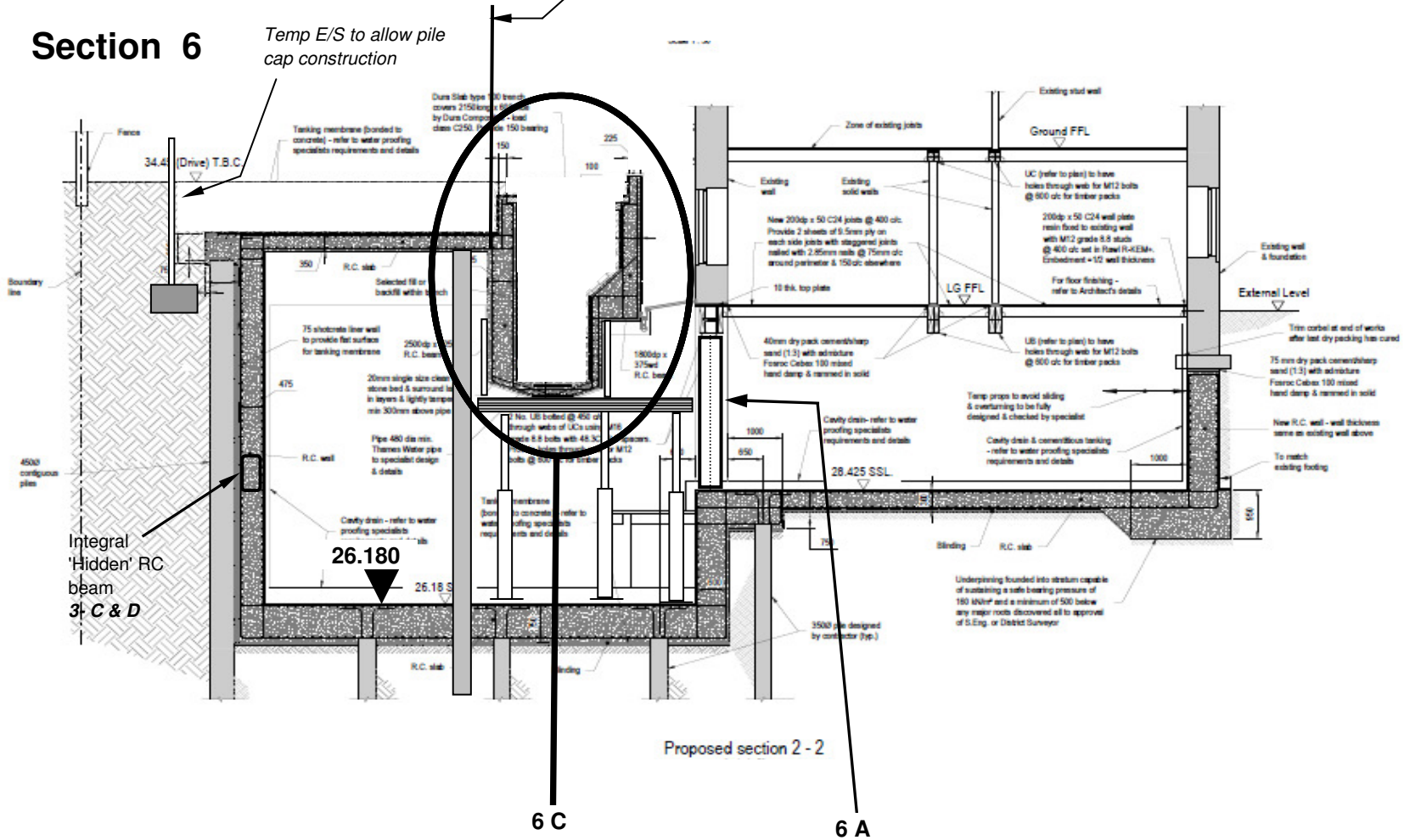
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Stop end location to 1st roof slab casting, does not include any section of the RC pipe trough, see item X in sections 1 & 2 (sheet 2)

Section 6



Section 6

- A. Permanent Steel sections installed onto slab and connected to previously installed sections and 'grouted in'.
- B. Construct Basement RC walls, allowing for later casting of Sewer RC 'trough'
- C. Erect formwork and cast RC trough including connecting and associated RC works (multiple sequenced process)
 Note curing time allowance to be made prior to striking - 4 weeks

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