

General Notes:

- The drawings, design and all information contained therein are the sole copyright of HSP Consulting (HSP) and reproduction in any form is forbidden unless permission is obtained in writing.
- This drawing is to be read in conjunction with all other relevant Architects, Engineers and specialists drawings, details and specifications.
- Conflicting information shown on the HSP drawings or discrepancies between the information given by HSP and that provided by others must be referred to HSP before work proceeds. Dimensions marked 'dimension to be site checked' are subject to confirmation by site measurement before construction proceeds. Subcontractor surveys, such as for the purposes of steelwork installation, take precedence over 'site dimensions' indicated on this drawing. All surveys should ensure an accurate fit of components. Temporary works associated with the construction of the project shall be the responsibility of the Principal Contractor.
- Where any temporary works or scaffolding are required the Principal Contractor shall appoint a competent and suitably experienced Temporary Works Coordinator (TWC). Refer to BS 5975 for guidance on temporary works and the role of a TWC.
- Calculations and drawings of all Contractor designed structural items associated with HSP's design responsibilities shall be submitted to the Engineer for comment at least 10 days prior to manufacture. Any comments made by HSP do not absolve the Contractor of his design responsibilities.

- Piling Notes:-**
- The base specification for piling works shall be the specification for piling and embedded retaining walls 2nd edition published by ICE and BS8004 'British Standard Code of Practice for Foundation'.
 - For details of ground conditions refer to the Ground Investigation Report
 - The Specialist Piling Sub Contractor shall be responsible for the design of the piling system and shall be deemed to have taken due account of the proposed loads and any effects on adjacent structures or features.
 - Due regard shall be taken of all relevant information noted within the ground investigation report for the design of the piling system. Should the Piling Sub Contractor consider the information contained within the report to be inconclusive or deficient in any way then the tender must include for any additional ground investigation considered necessary.
 - The nature, extent and level of the piling platform shall be agreed with the Principal Contractor.
 - Setting out dimensions, as indicated on this drawing, relate to the centre of piles unless otherwise noted.
 - Refer to drawing for indicative pile cut-off levels.
 - The method of breaking down piles shall be approved by the Engineer prior to the commencement of work on site.
 - Following 'breaking down' pile reinforcement shall be bent into the supported structure.
 - All Loads are characteristic:

All piles shall be capable of supporting additional forces due to the effects of setting out and rake tolerances ect. The Piling Sub Contractor shall allow, within their design, for the effect of all retained material behind retaining walls and a minimum 10kN/sqm LL surcharge load.

11) The Principal Contractor is responsible for removing any known obstructions prior to piling and backfilling resultant excavations as directed by the Engineer. Should unknown obstructions be encountered the Engineer shall be informed immediately so that he may consider any necessary remedial work. The Engineer shall also be notified immediately of any broken piles.

12) Integrity tests will be required on all piles - Static load test will not be required on the piles.

13) The Engineer and Principal Contractor to select piles to be tested. Precast driven piles with joints relying wholly or partly upon adhesives are not acceptable.

14) Permitted tolerances on plan position of piles to be 75mm on specified plan position in 2 orthogonal directions over full length of pile

15) maximum permitted settlement 10mm vertical and 10mm horizontal displacement at pile head

NOTE
The design of the precast concrete wall panels is the responsibility of the Specialist precast sub-contractor. The design of the Kingpost steel columns, including the bored depths and column sizes, is the responsibility of the Specialist piling sub-contractor. Details shown by HSP on this drawing are indicative only. The drawing is to be read in accordance with the Architect's details. HSP are not responsible for any temporary works design with respect to the piling works or the stability of the banked ground around the site.

Setting Out To King Post Retaining Structure

Exact line of retaining walls shall be determined on site with regard to the designed site levels and requirements of the Landscape Architect. The King Post Retaining Structure setting out has been rationalised to take account of the optimum lengths of precast concrete panels.

Note:
Wall finishes to Architect's/Landscape Architect's details. Single skin brickwork cladding where required to sit on 500widex250dp continues RC strip footing with A193 mesh in bottom. Brickwork and copings to be tied to precast wall with stainless steel ties at 450mm c/c vertically and 900mm c/c horizontally.

P03	26/01/22	External WC moved	JB
P02	20/01/22	King post retaining wall amended.	JB
P01	08/12/21	Stage 3 Issue	JB

REV	DATE	AMENDMENT	BY

SUITABILITY S3 - For Review and Comment

CLIENT

Kirklees District Council

PROJECT

The Homestead

DRAWING TITLE

King Post Retaining Wall Layout



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SCALE

As indicated SHEET SIZE A1

DRAWN CHECKED

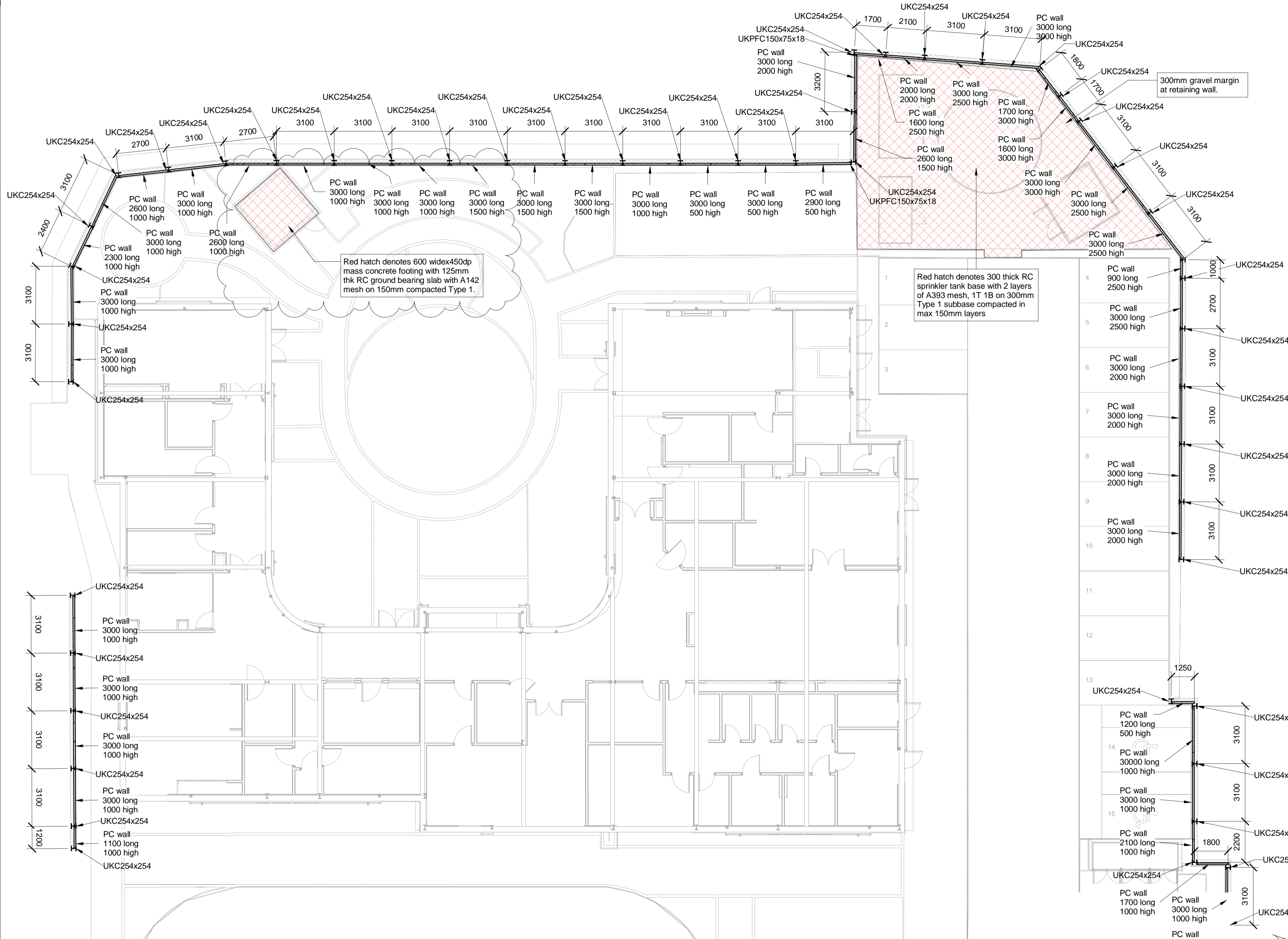
JB AG

PROJECT NO. REV

C3257 P03

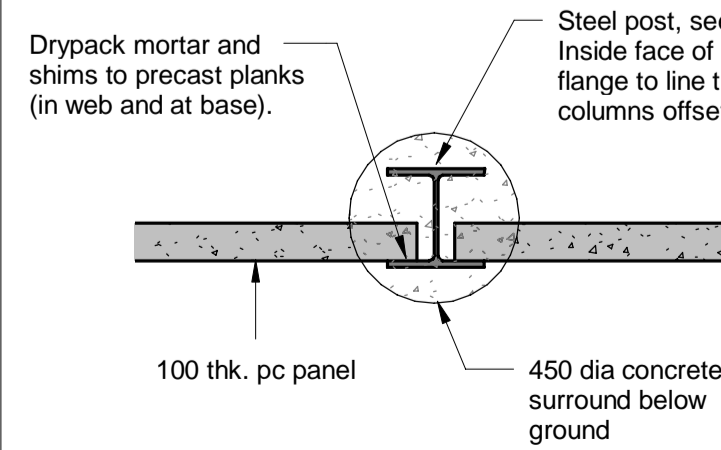
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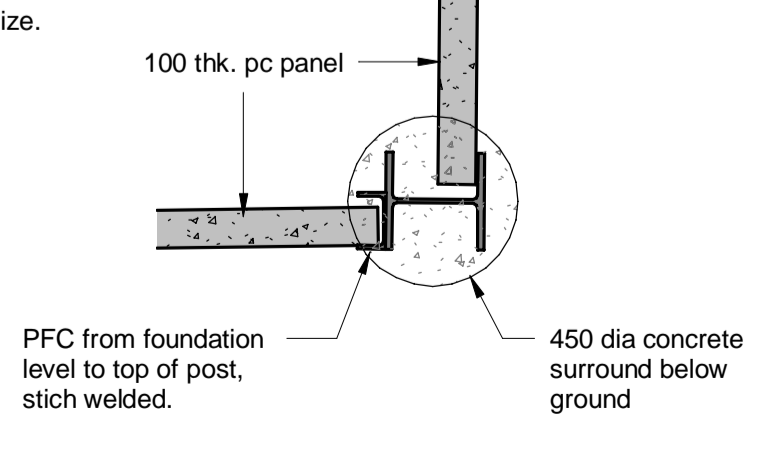
King Post Retaining Wall Layout

Scale 1 : 25



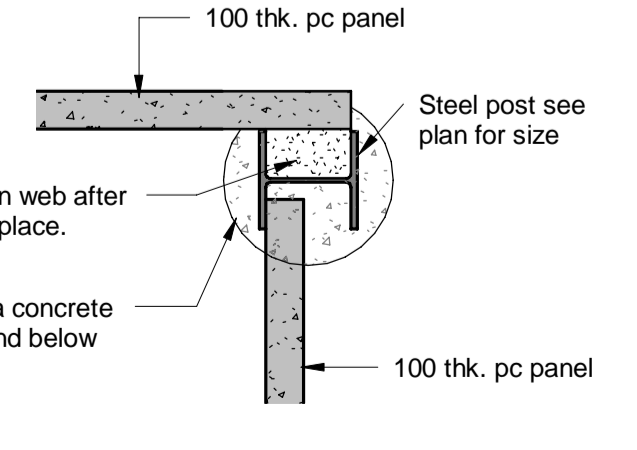
Typical Post

Scale 1 : 20



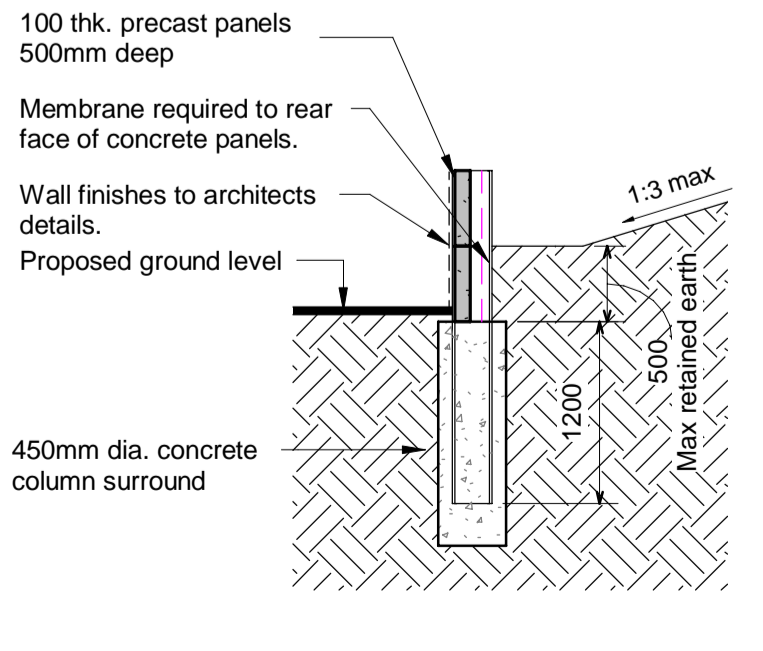
Corner Post With PFC

Scale 1 : 20



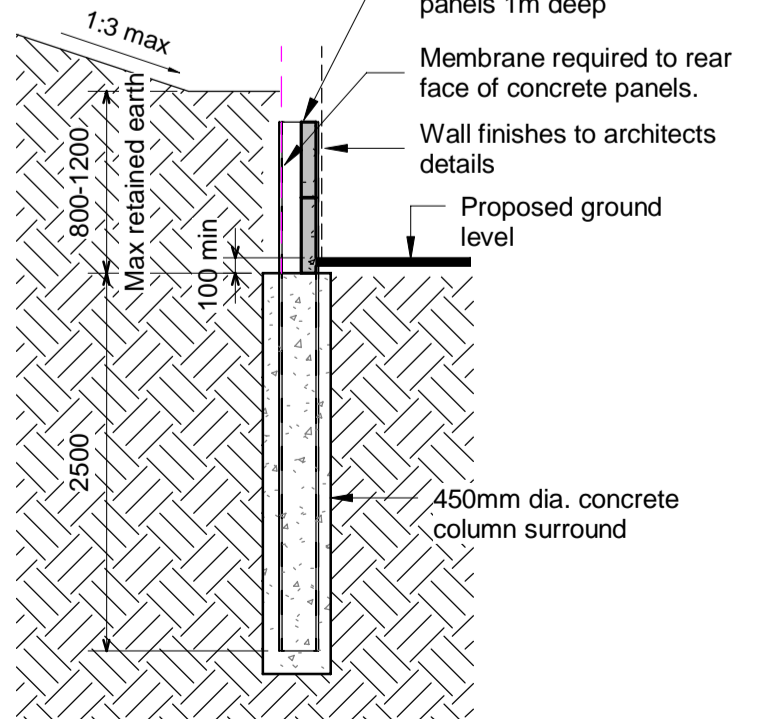
Corner Post

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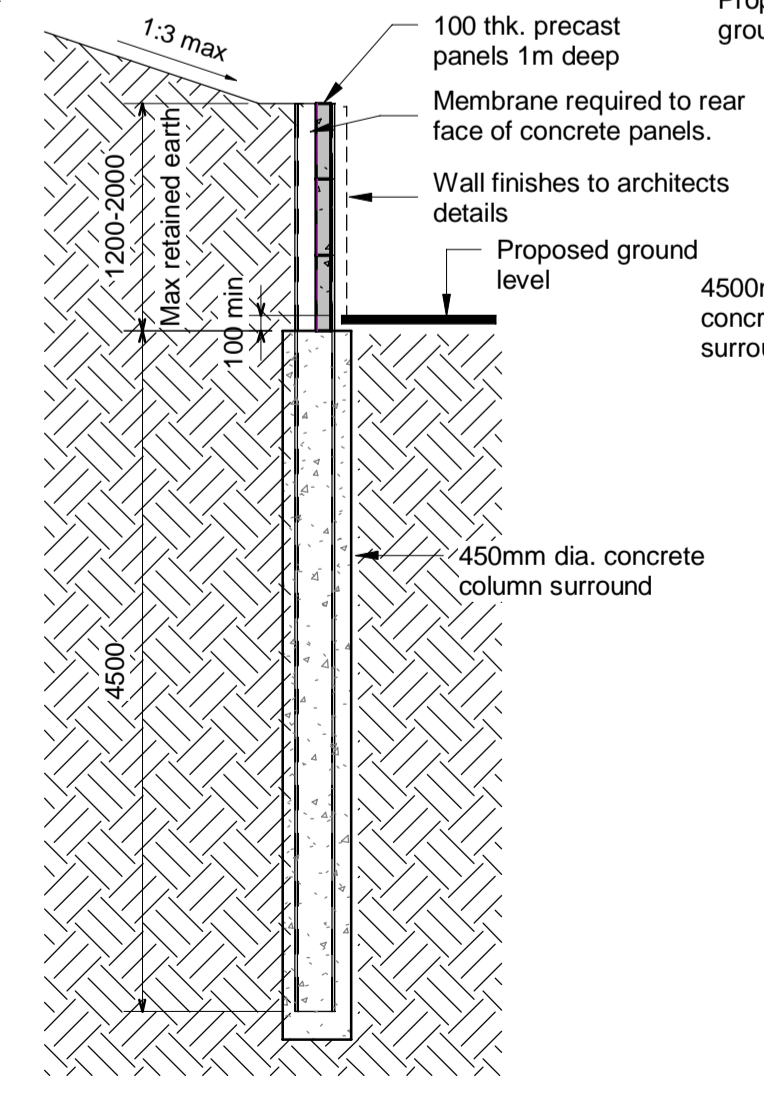
1.2m Deep Post Section

Scale 1 : 50



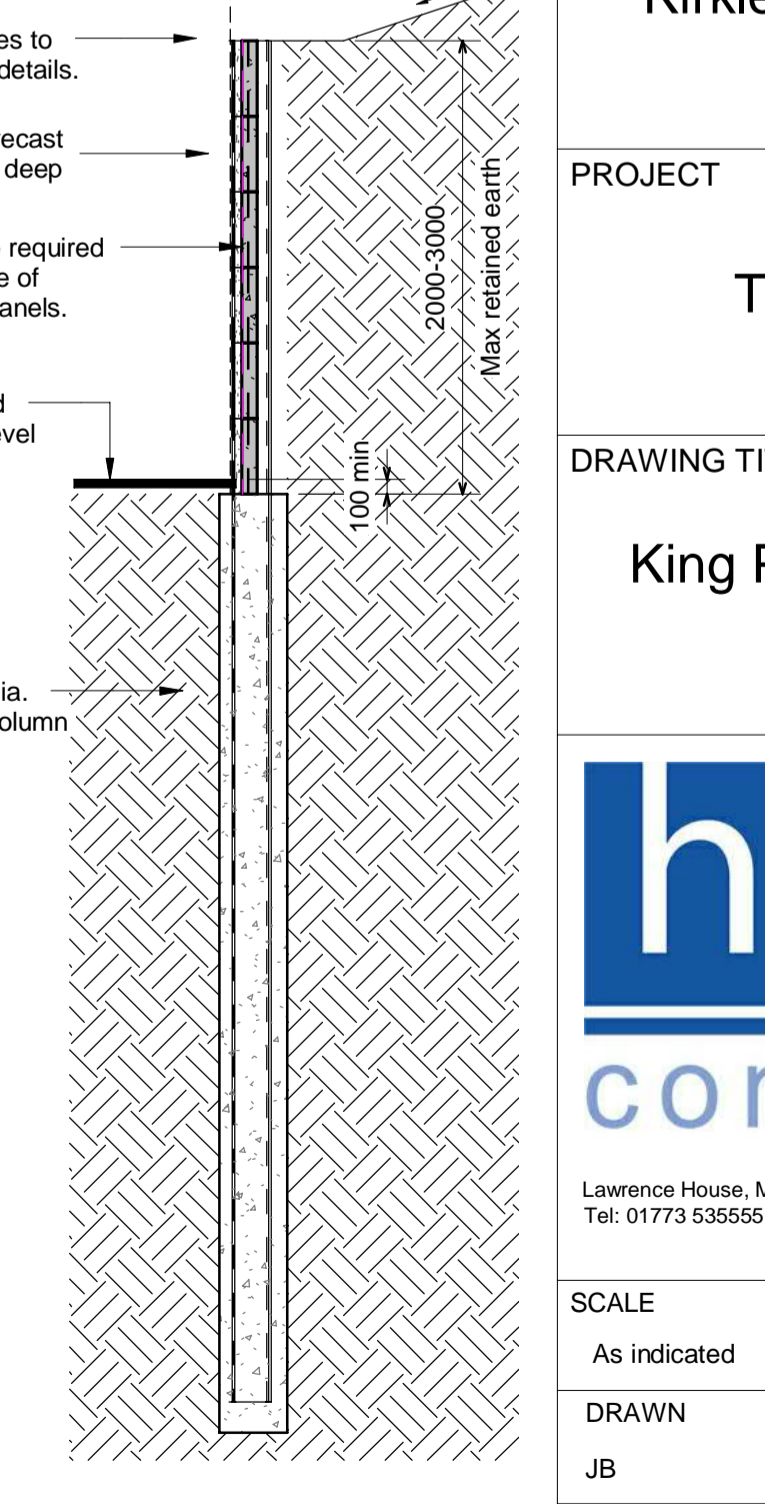
2.5m Deep Post Section

Scale 1 : 50



4.5m Deep Post Section

Scale 1 : 50



6m Deep Post Section

Scale 1 : 50