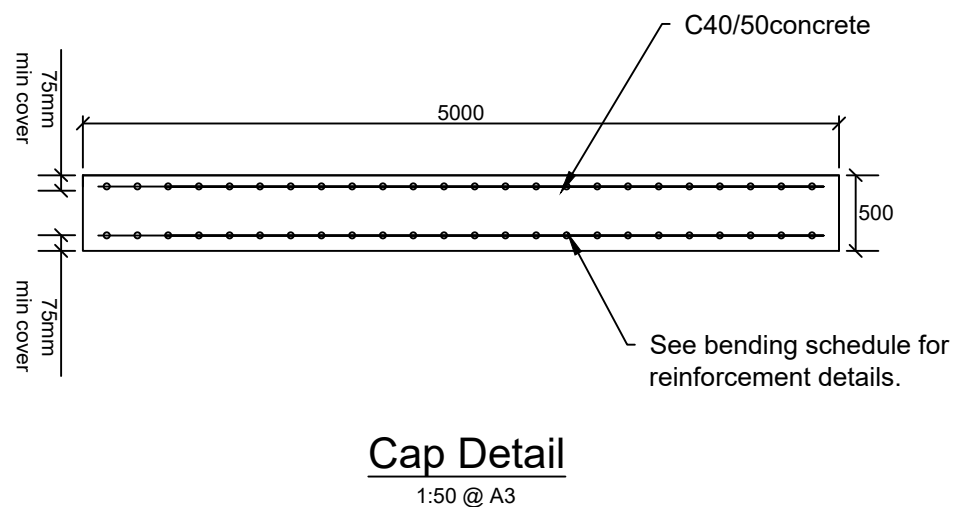




1. The contractor shall form a safe excavation to construct the shaft cap. A temporary works design will be required for the shoring.
2. Gas monitoring shall be undertaken during the excavation of the cap.
3. A 500mm thick cap shall be founded on bedrock, which comprises orange sandstone and grey mudstone.
4. The cap shall be 5000 x 5000mm in area.
5. The reinforcement is detailed on Drawing No. 2575/CD/002 Rev C1.
6. The minimum steel grade shall be 500N/mm².
7. The concrete grade shall be a minimum of C40/50.
8. The reinforcement shall have a minimum of 75mm cover.
9. 1 No. set (4 cubes) shall be taken and tested at 3 day, 7 day and 28 day age.
10. No plug or grouting of the shaft is required.
11. The material above the shaft shall be constructed from site won material compacted in accordance with a suitable earthworks specification.

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Bonc Wen

Shaft Cap

Drawing Scale	Drawn By	Approved By
Various	ALB	DAS
Drawing Status	Date of Issue	
CONSTRUCTION		26/01/22
Drawing No		Revision
2575/CD/001		C1

Designers Risk Register