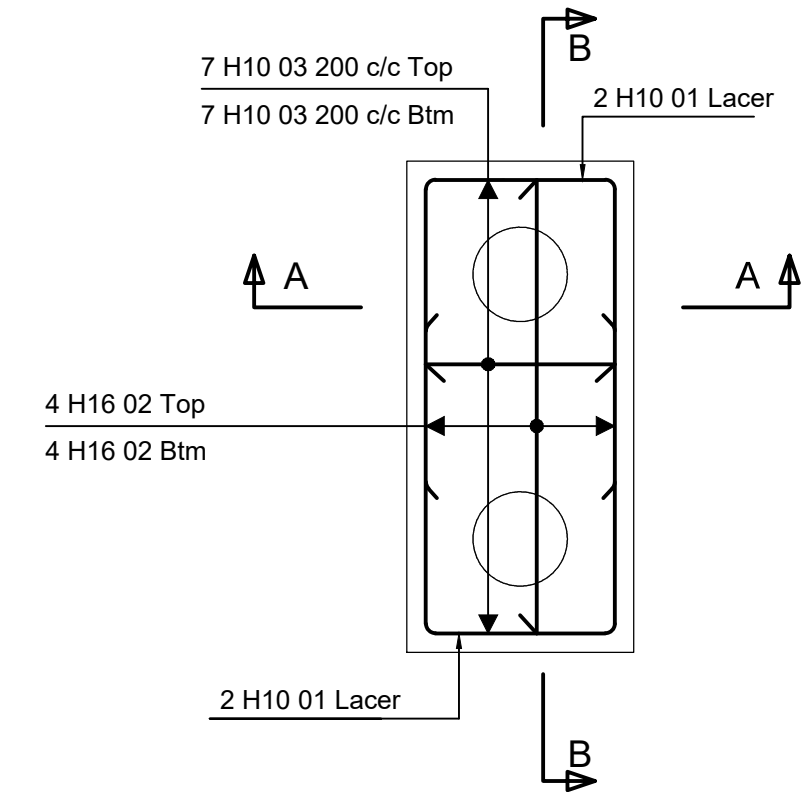
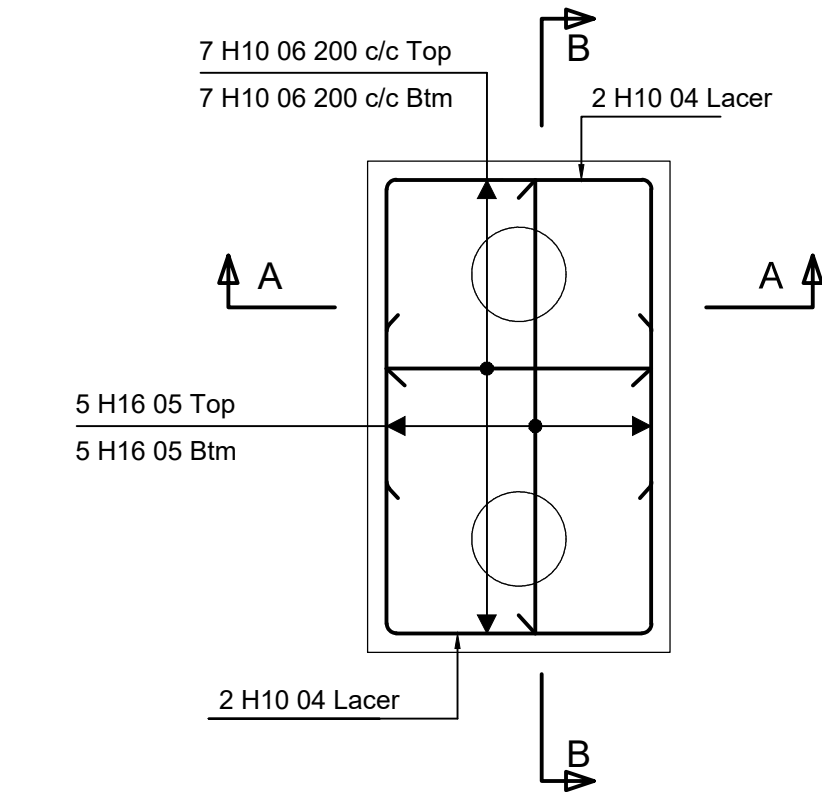
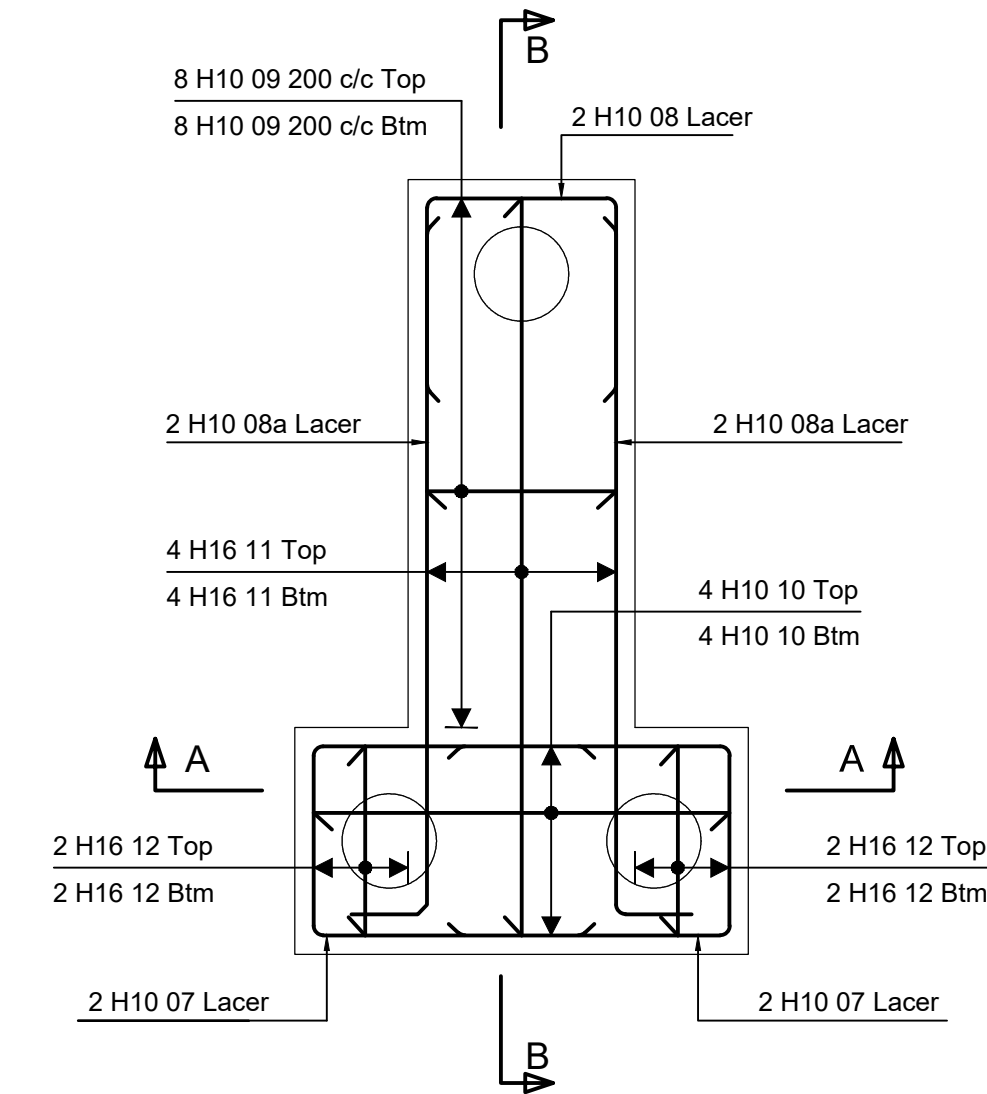




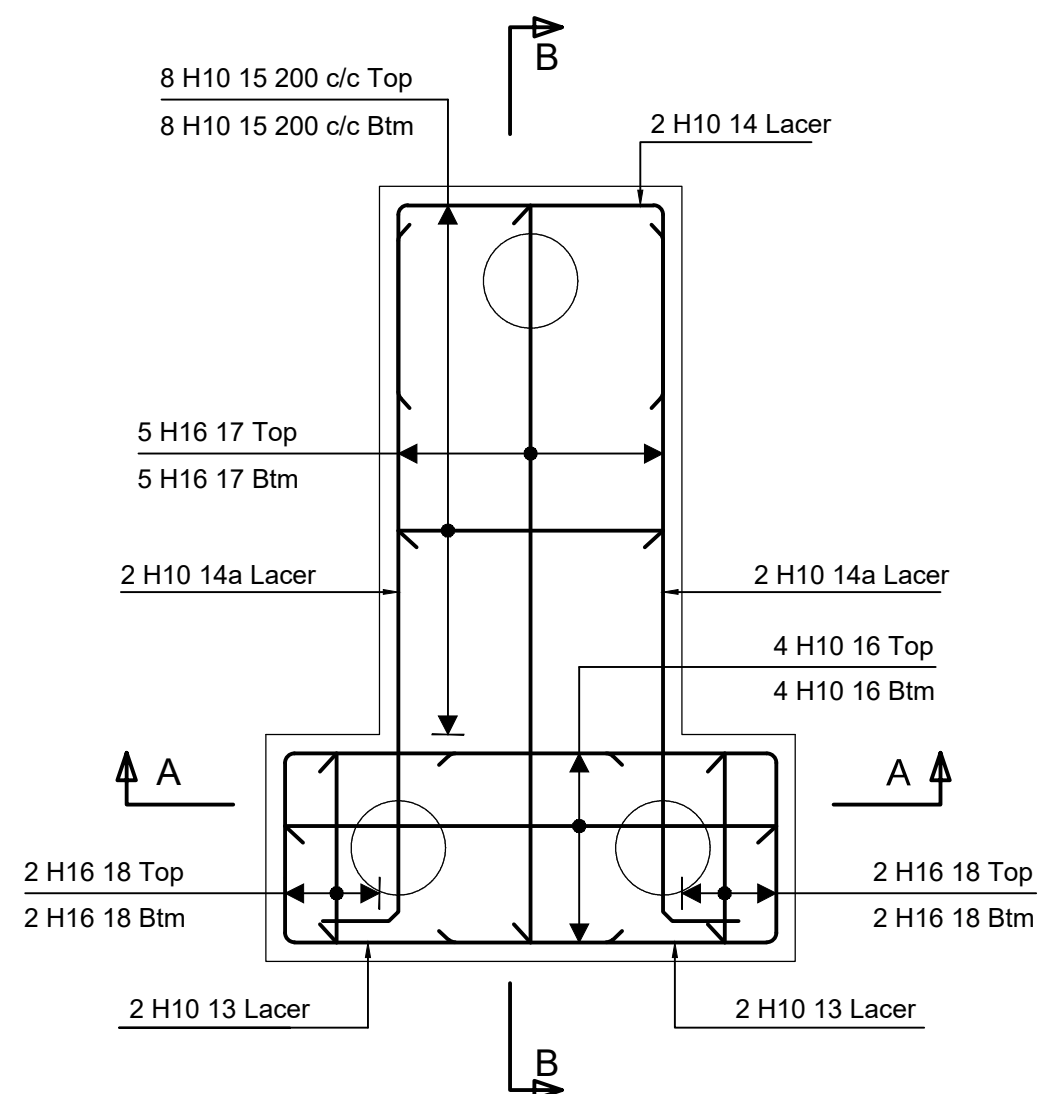
Plan on Reinforcement for Pile Cap Type 1a



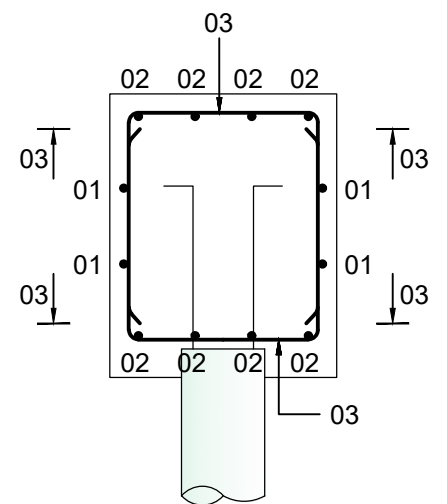
Plan on Reinforcement for Pile Cap Type 1b



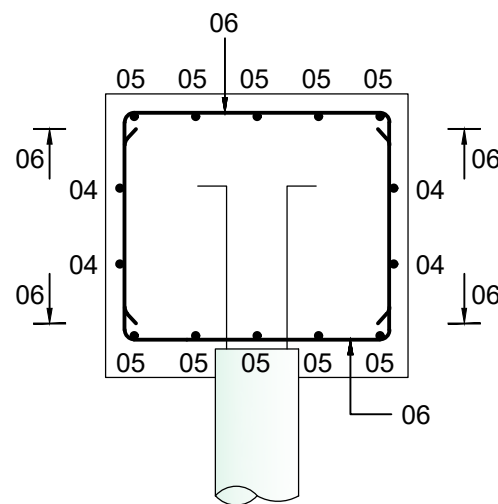
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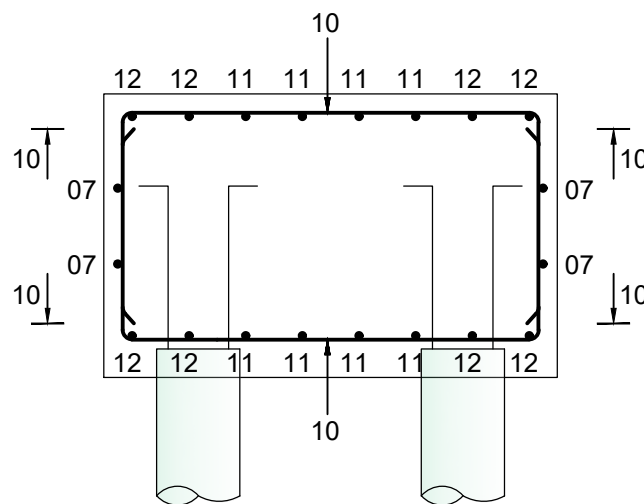
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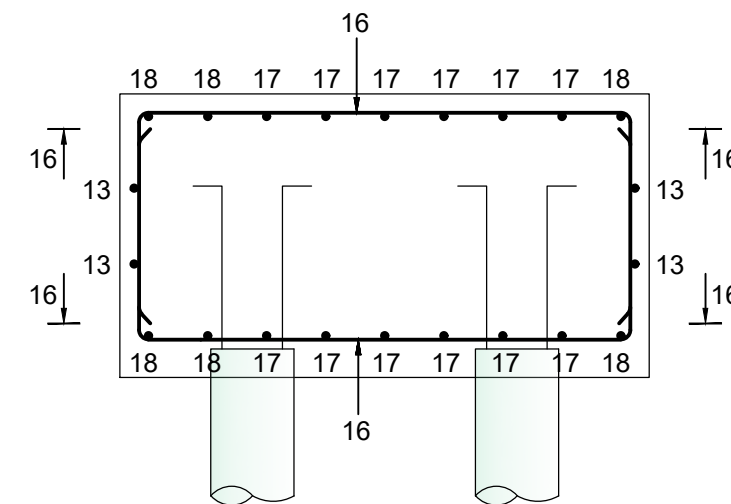
Pile Cap Type 1a
Section A-A



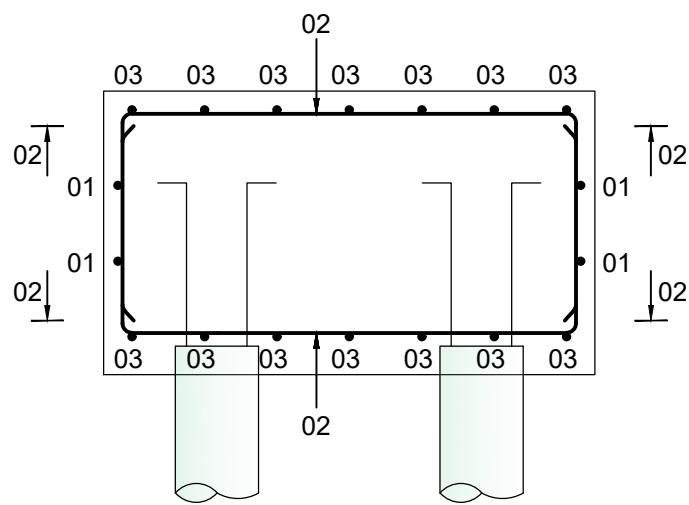
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Section A-A



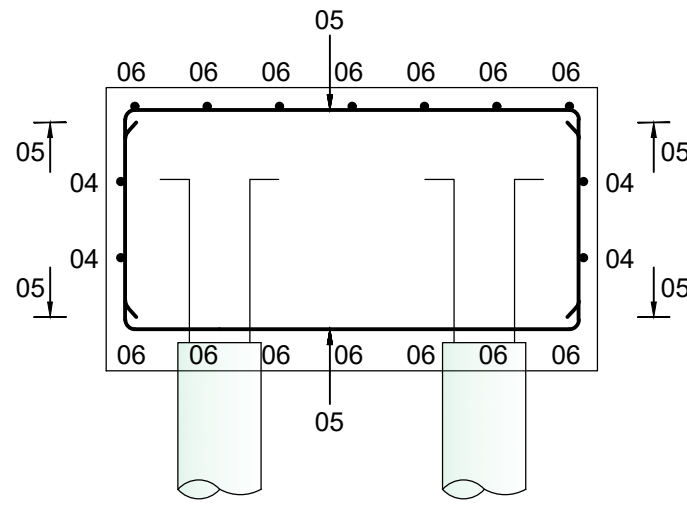
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Section A-A



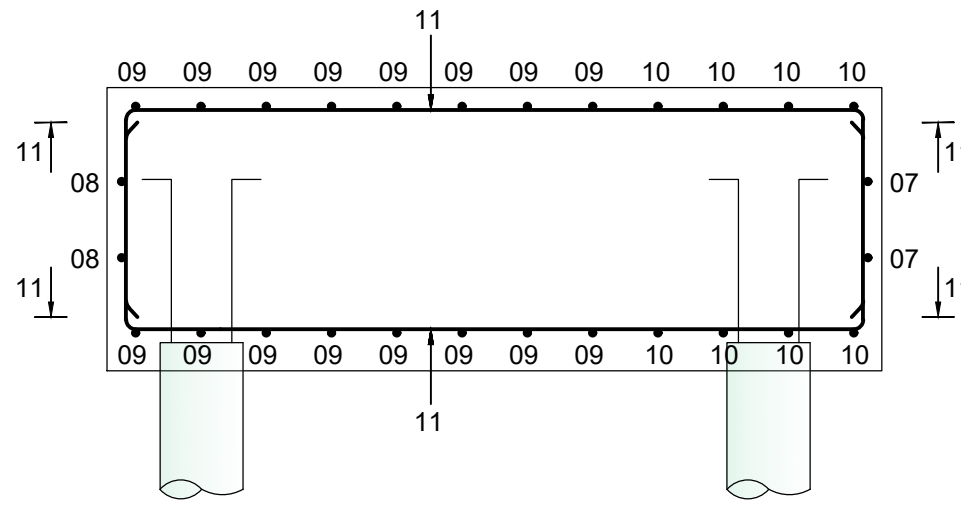
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Section A-A



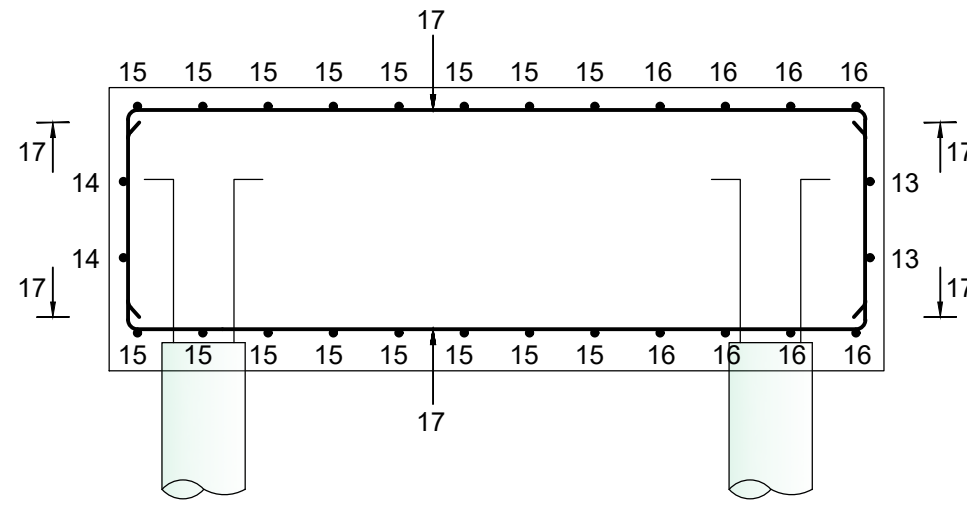
Pile Cap Type 1a
Section B-B



Pile Cap Type 1b
Section B-B



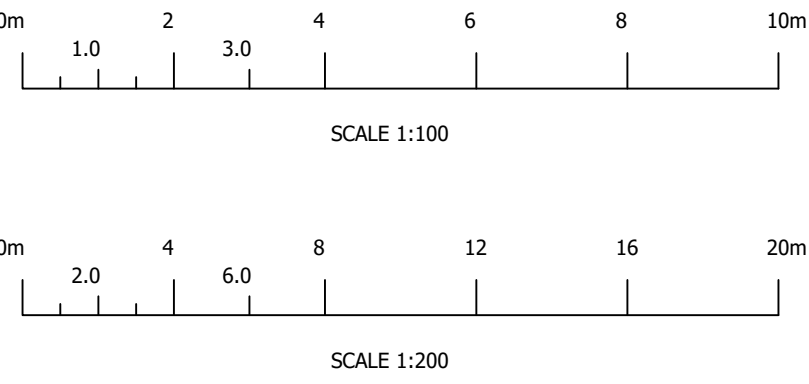
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Section B-B



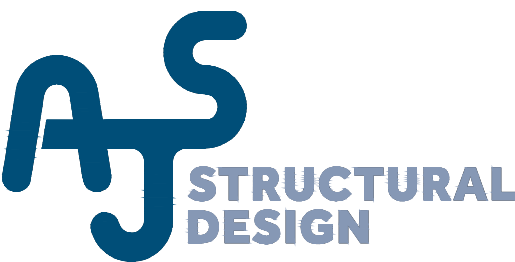
Pile Cap Type 2b
Section B-B

REINFORCEMENT NOTES

- DO NOT SCALE, IF IN DOUBT ASK.
- TO BE READ IN CONJUNCTION WITH THE ARCHITECTS DRAWINGS.
- PILE CAPS & GROUND BEAMS TO BE CONSTRUCTED IN MIN SULPHATE RESISTANT CONCRETE, GRADE DS-3/ AC-5 . MIN GRADE C35.
- TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DETAILS.
- COVER TO REINFORCEMENT TO BE 50mm TOP & 75mm BOTTOM UNLESS STATED OTHERWISE.
- BARS PREFIXED 'H' ARE GRADE 460 TYPE 2 DEFORMED STEEL BARS IN ACCORDANCE WITH BS 8666 : 2005.
- MINIMUM LAP LENGTHS :-
10mm Ø BARS - 500mm
12mm Ø BARS - 600mm
16mm Ø BARS - 800mm
20mm Ø BARS - 1000mm
25mm Ø BARS - 1250mm
- FOR BAR BENDING DIMENSIONS REFER TO THE RELEVANT REINFORCEMENT SCHEDULE A6441 - 109/109/P0.
- ALL CONCRETE TO HAVE A CHARACTERISTIC COMPRESSIVE STRENGTH OF 40 N/mm² AT 28 DAYS. MINIMUM CEMENT CONTENT = 380 kg/m³. MAXIMUM FREE WATER / CEMENT RATIO = 0.40. NOMINAL MAXIMUM AGGREGATE SIZE = 20mm.
- ALL CONCRETE TO BE PLACED IN ACCORDANCE WITH THE RECOMMENDATIONS OF BS 8110 : PART 1 : 1997.
- SURFACE FINISH TO CONCRETE TO BE A FINE SMOOTH FINISH TO EXPOSED FACES AND A BASIC FINISH TO ALL OTHER FACES IN ACCORDANCE WITH THE SPECIFICATION.
- SHOULD THE AIR TEMPERATURE FALL TO 4° C OR LESS, SPECIAL PRECAUTIONS ARE TO BE TAKEN. ALL TO THE APPROVAL OF THE ENGINEER.



Rev.	Revision Description	Drm	Date
P0	Initial Issue	JL	20/06/25
P1	Pile Cap Sizes Amended	JL	05/08/25



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Contract Title:
**Valley Wholesale Carpets
Phase 1 Side Extension and Loading Dock**

Drawing Contents:
**Typical Details of Pile Cap
Sheet No. 2 of 2**

Drawing Status:
PRELIMINARY

Drawn by: MW	Date: June 2025	Scale: as shown @ A1
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Drawing No:
A8763 - 162 **P1**