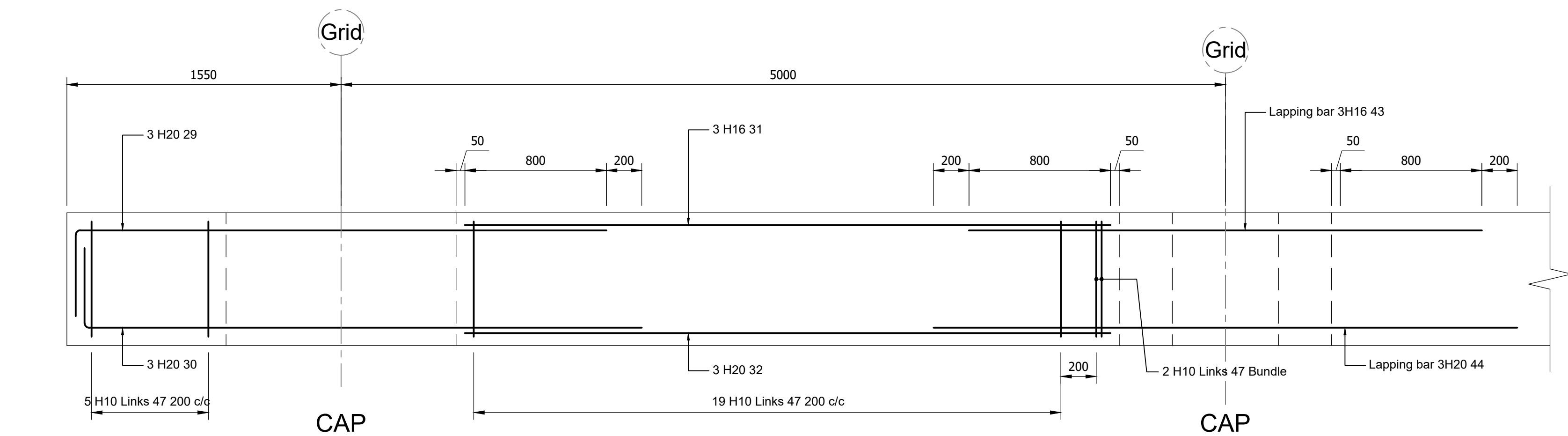
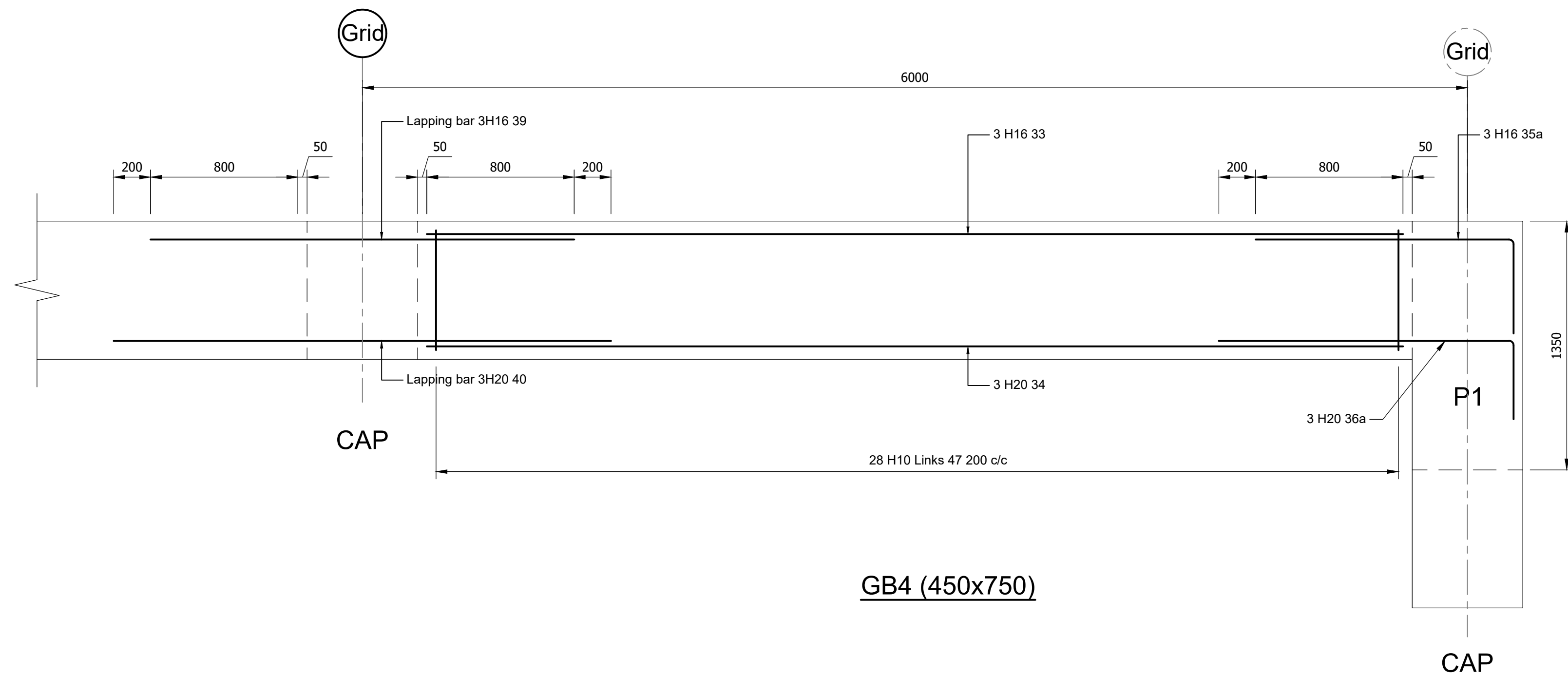


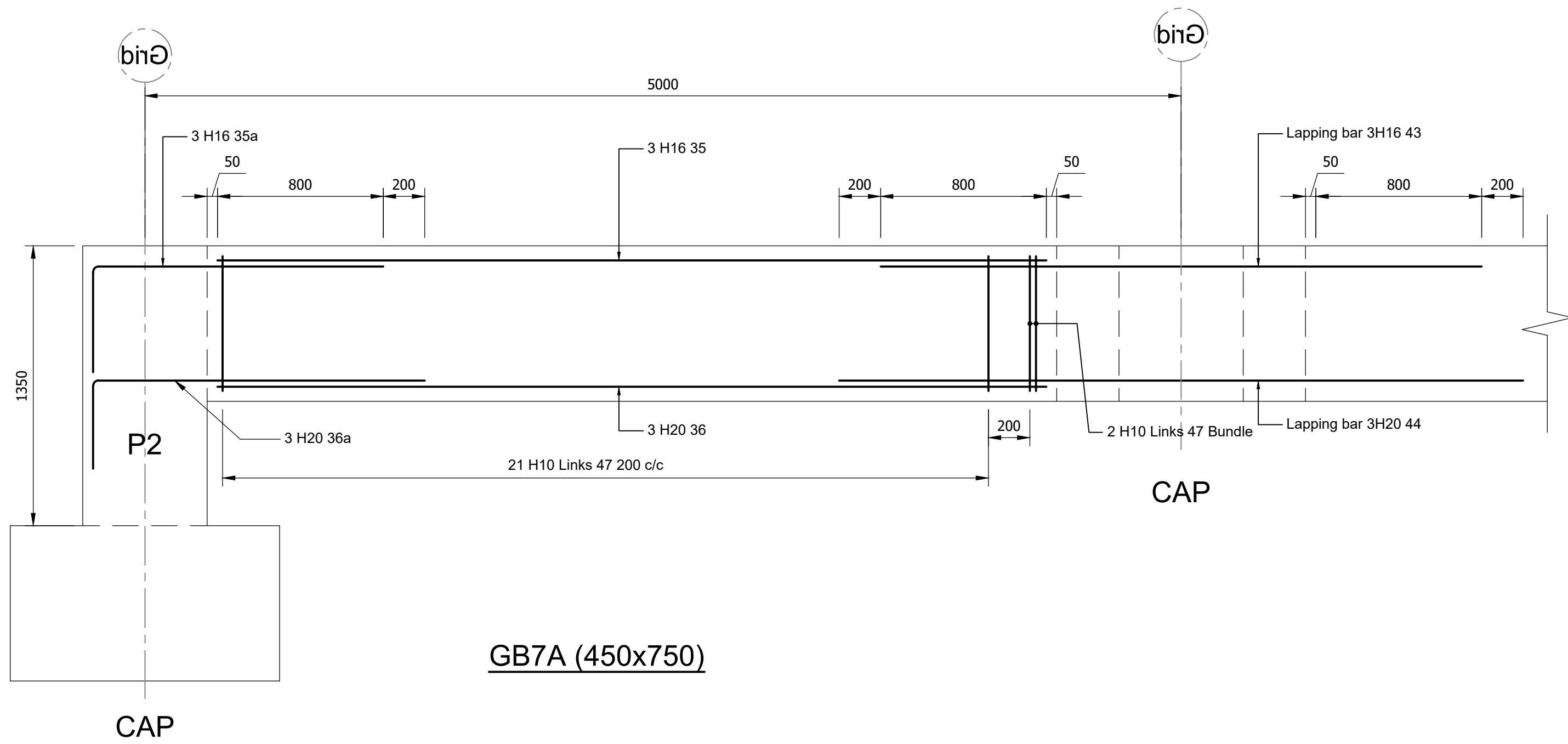


CGB7B (450x750)

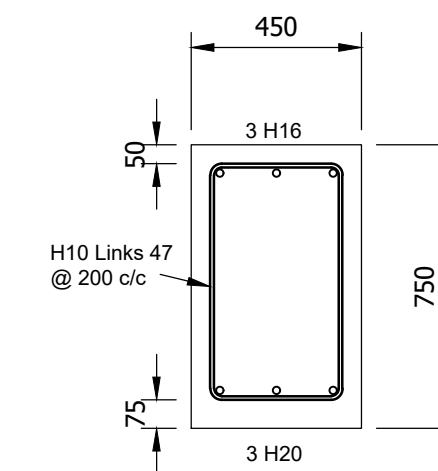
GB7 (450x750)



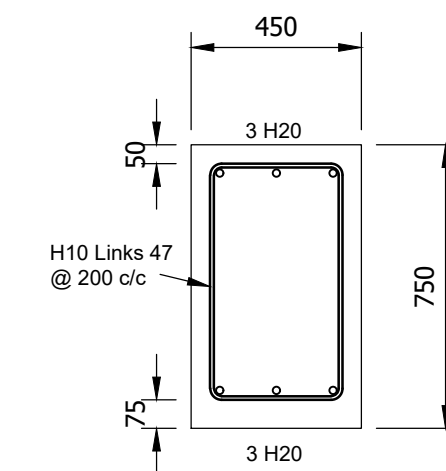
GB4 (450x750)



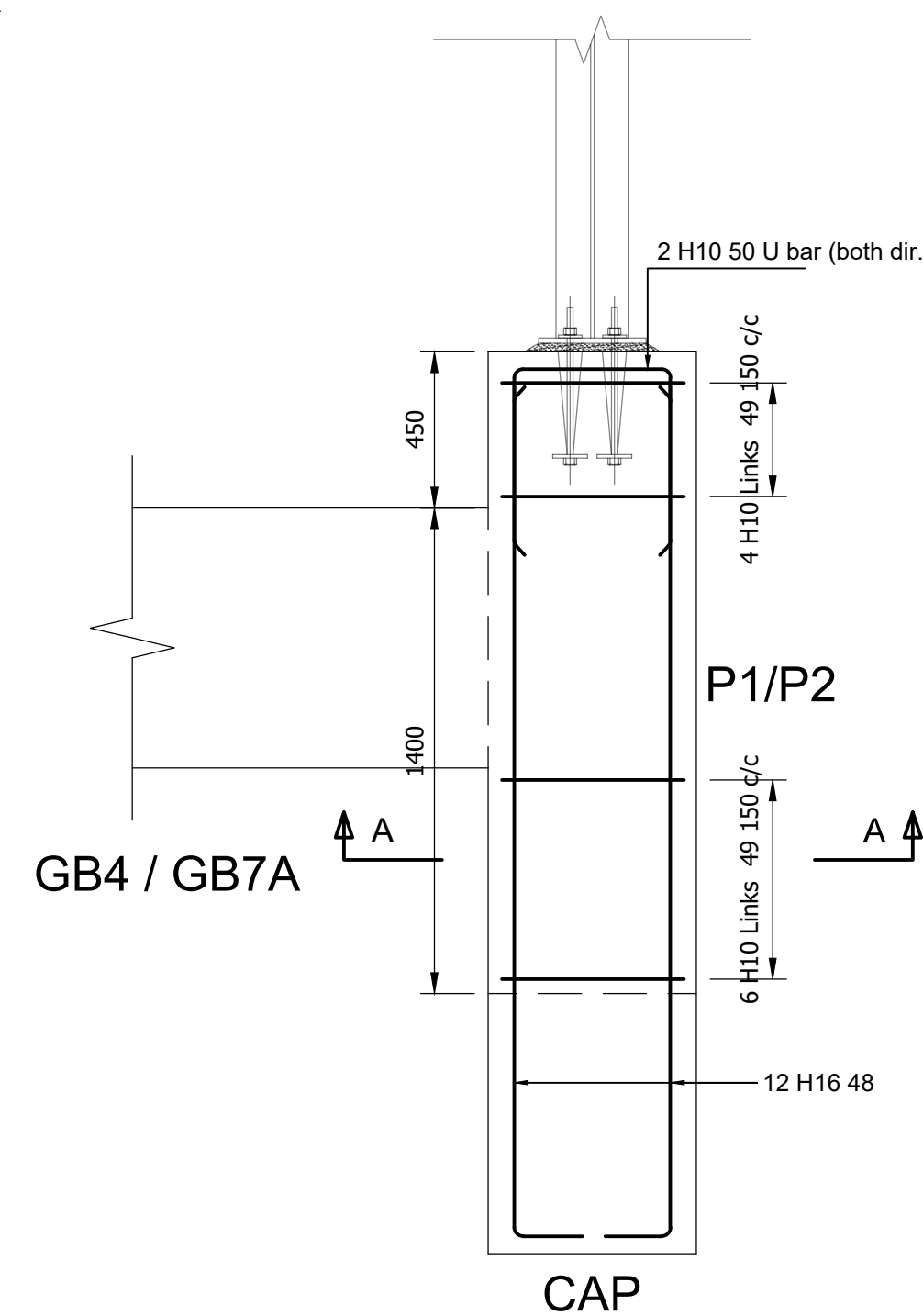
GB7A (450x750)



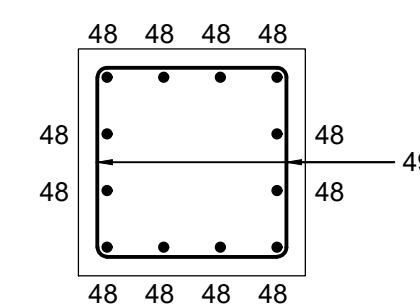
Typical Ground Beam Section
(Excluding CGB7B)
Scale 1 : 20



Ground Beam Section
(CGB7B)
Scale 1 : 20



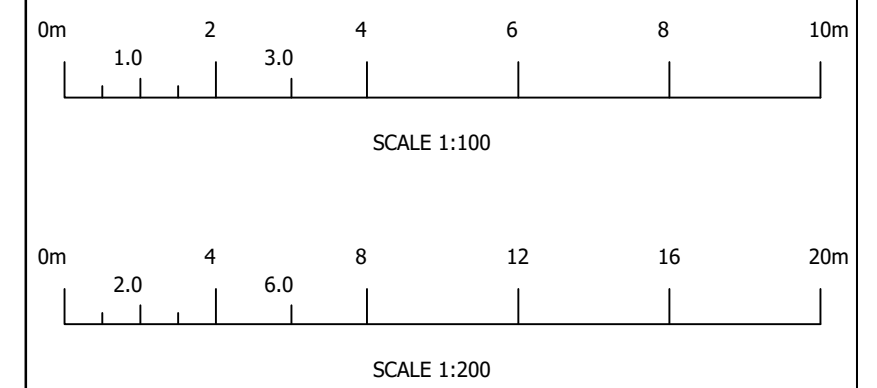
Typical Details for Post
(P1 & P2)



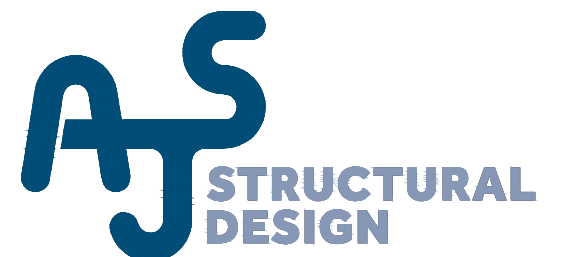
Section A-A

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	Ground Beams Amended	JL	05/08/25



Uttoxeter Office: 2 Church Street, Uttoxeter, Staffs, ST14 8AG
Derby Office: Durham House, Stanier Way, Wyvern Business Park DE21 6BF
Uttoxeter Tel: 01889 723003 Derby Tel: 01332 913011

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

Drawing Contents:
Typical Details of Ground Beam Sheet No. 2 of 2

Drawing Status:
PRELIMINARY

Drawn by:	Date:	Scale:
MW	June 2025	as shown @ A1

Drawing No:	A8763 - 164	P1
-------------	-------------	----