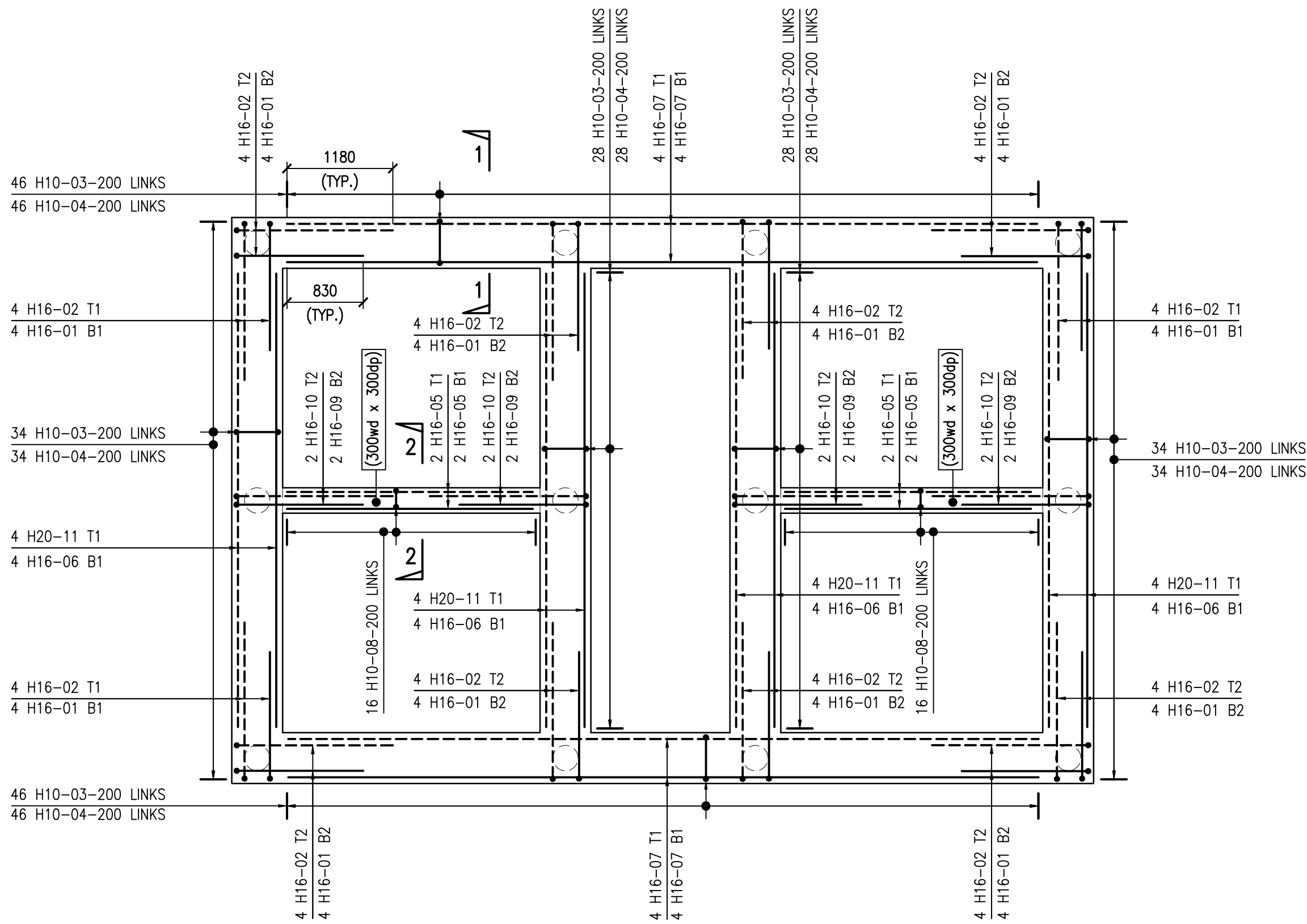
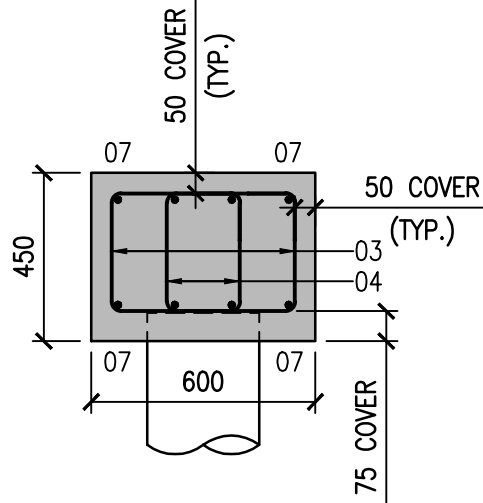


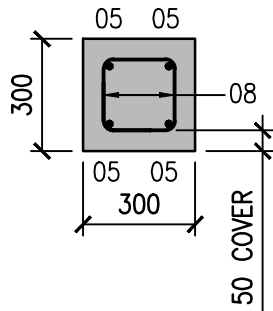
DO NOT SCALE



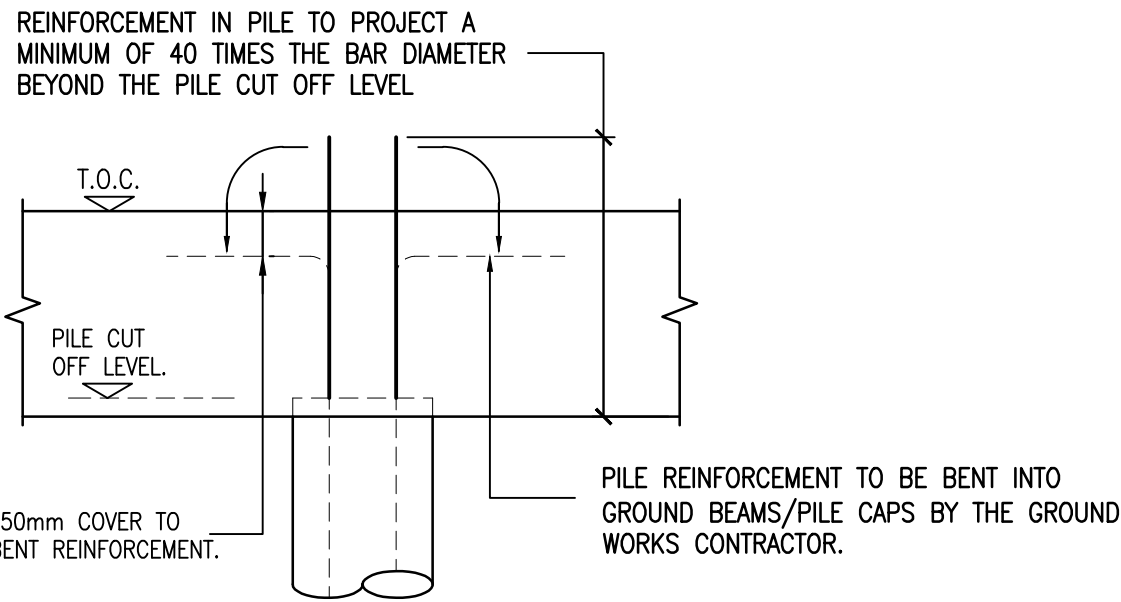
(600wd x 450dp U.N.O)
PLOT- 668 'AMBERLEY'
SCALE 1:50



SECTION 1-1
SCALE 1:20



SECTION 2-2
SCALE 1:20



**TYPICAL PILE TO GROUND BEAM
CONNECTION DETAIL**
SCALE 1:20

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SUBCONTRACTORS DRAWINGS AND DETAILS AND THE PROJECT SPECIFICATION.

WHERE ANY DISCREPANCY MAY EXIST BETWEEN THESE NOTES AND THE SPECIFICATION, THE SPECIFICATION SHALL PREVAIL.

2. ALL SETTING-OUT TO BE VERIFIED WITH THE ARCHITECT PRIOR TO COMMENCEMENT OF STEELWORK FABRICATION AND SITE CONSTRUCTION.

3. ALL WORKMANSHIP, MATERIALS AND LOADINGS TO BE IN STRICT ACCORDANCE WITH THE LATEST EDITIONS OF:
• EC1 – ACTION OF STRUCTURES
• EC2 – DESIGN OF CONCRETE STRUCTURES
• EC3 – DESIGN OF STEEL STRUCTURES
• EC5 – DESIGN OF TIMBER STRUCTURES
• EC6 – DESIGN OF MASONRY STRUCTURES
THE BUILDING REGULATIONS, MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

4. GROUND BEAMS CONCRETE TO BE GRADE RC28/35.

5. STEEL GRADE TO BE fy500N/mm².

6. MINIMUM COVER TO REINFORCEMENT :-
GROUND BEAMS:
TOP & SIDES – 50mm
BOTTOM – 75mm

7. REBAR LISTED ON BAR SCHEDULE
P21-508-R668_BBS 01 & 02

8. MINIMUM LAP & ANCHORAGE FOR REINFORCEMENTS TO BE (U.N.O)

Bar dia (mm)	10	12	16	20	25	32	40
BOTTOM (100%)	440	570	830	1090	1410	1800	2450
TOP (100%)	630	810	1180	1550	2010	2570	3470

ANCHORAGE

Bar dia (mm)	10	12	16	20	25	32	40
BOTTOM	380	450	600	750	940	1200	1630
TOP	540	650	860	1070	1340	1720	2330

9. ABBREVIATIONS:

T1	–	TOP FIRST LAYER
T2	–	TOP SECOND LAYER
B1	–	BOTTOM FIRST LAYER
B2	–	BOTTOM SECOND LAYER
TYP.	–	TYPICAL
Wd	–	WIDE
Op	–	DEPTH
TOC	–	TOP OF CONCERT

TYPICAL REBAR CALL UP

3X10 H32-01-100 T	L	NOTES
		SPACING OF BAR
		BAR MARK REFERENCE
		DIA OF BAR
		GRADE OF STEEL
		QUANTITY OF BAR
		MULTIPLES

C2	HOUSE TYPE UPDATED	SMS	24.01.25
C1	CONSTRUCTION ISSUE	SMS	05.06.23
MR	REVISION	BY	DATE

DRAWING STATUS

CONSTRUCTION

DRAWING TITLE

AMBERLEY (8688G_
AMBY_DM.1)
GROUND BEAM
REINFORCEMENT

PROJECT

NETHERMAYNE,
PHASE 4B
FOR
REDROW HOMES

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London, Henley-on Thames, Gloucester and Exeter

Drawn SMS	Ch'kd VMB	Scales 1:50 & 1:20	Date 05/06/23
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Purpose of Issue

CONSTRUCTION

Project Number P21-508	Drawing Number R668	Revision C2
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