

A1

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

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

- EC1 – ACTION OF STRUCTURES
- EC2 – DESIGN OF CONCRETE STRUCTURES
- EC3 – DESIGN OF STEEL STRUCTURES
- EC5 – DESIGN OF TIMBER STRUCTURES
- EC6 – DESIGN OF MASONRY STRUCTURES

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

5. STEEL GRADE TO BE $f_y 500 \text{ N/mm}^2$.

6. MINIMUM COVER TO REINFORCEMENT :-

GROUND BEAMS:
TOP & SIDES - 50mm
BOTTOM - 75mm

7. REBAR LISTED ON BAR SCHEDULE
P21-508-R667_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 |
| Dp | - | DEPTH |
| TOC | - | TOP OF CONCRET |

TYPICAL REBAR CALL UP

3X10 H32-01-100 T

NOTES
SPACING OF BAR
BAR MARK REFERENCE
DIA OF BAR
GRADE OF STEEL
QUANTITY OF BAR
MULTIPLES

C2	HOUSE TYPE HANDLED	SMS	24.01.25
C1	CONSTRUCTION ISSUE	SMS	05.05.23
MK	REVISION	BY	DATE

DRAWING STATUS

CONSTRUCTION

DRAWING TITLE

AMBERLEY (8688G_ AMBY_DM.1)
GROUND BEAM
REINFORCEMENT

PROJECT

NETHERMAYNE,
PHASE 4B
FOR
REDROW HOMES



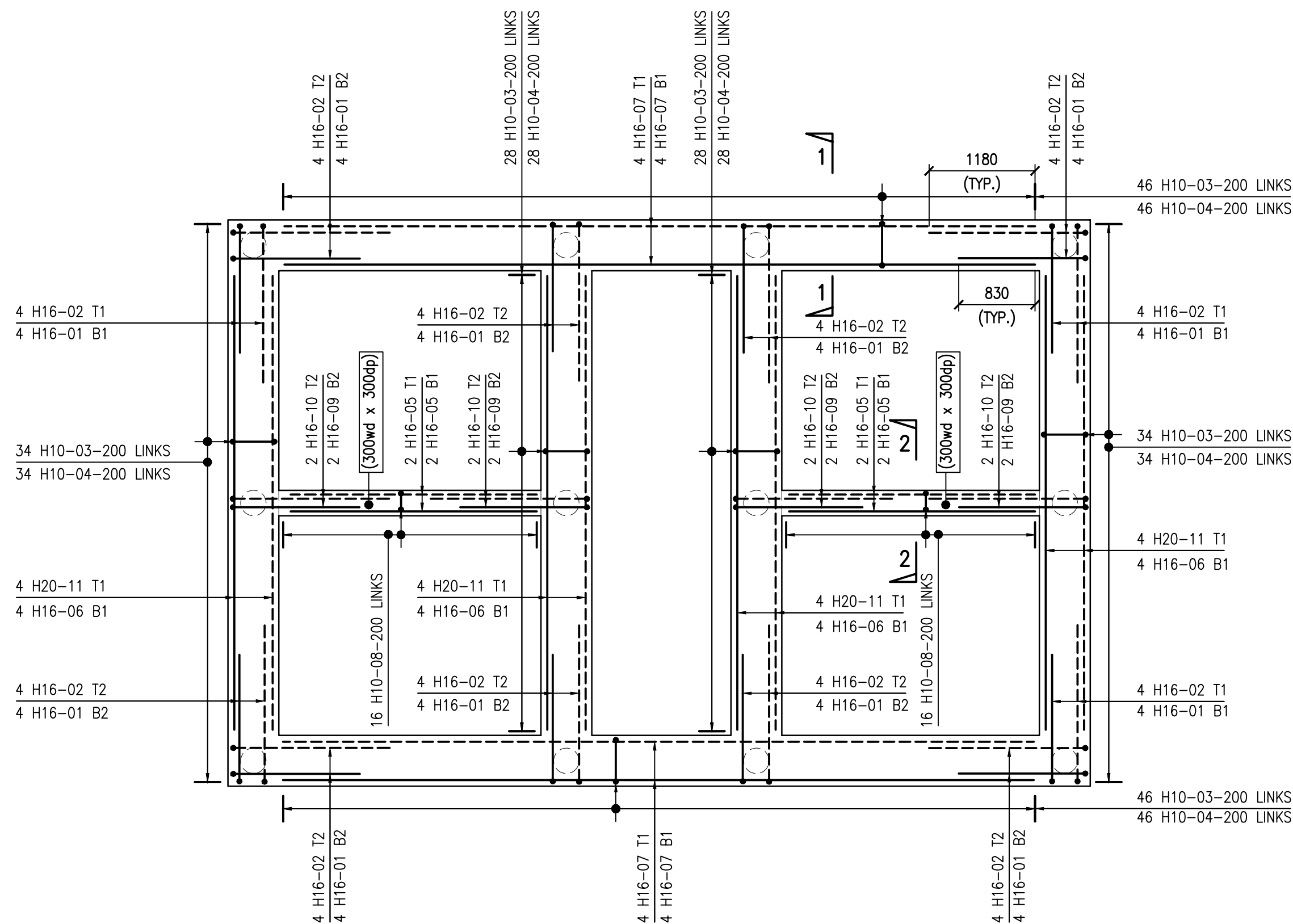
London, Henley-on Thames, Gloucester and Exeter

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

Project Number	Drawing Number	Revision
P21-508	R667	C2

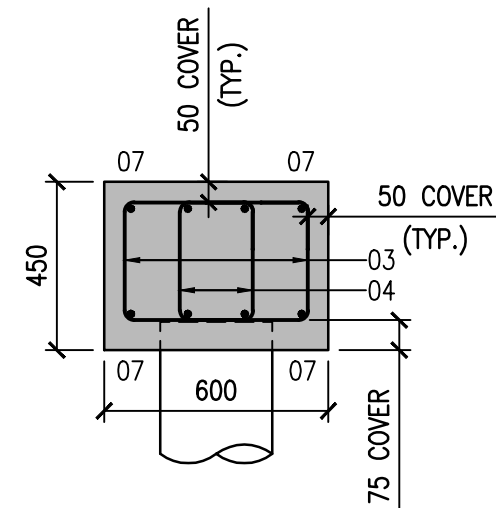


(600wd x 450dp U.N.O.)

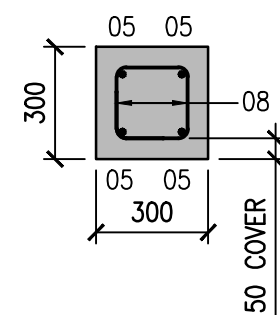
PLOT- 667 'AMBERLEY'

SCALE 1:50

C2

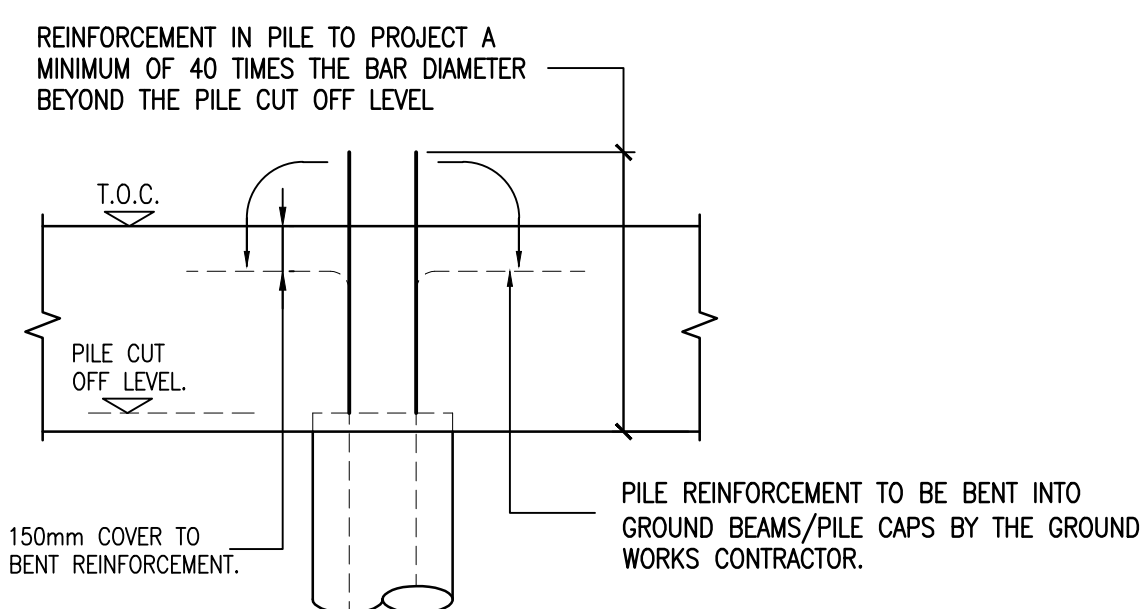


SECTION 1-1
SCALE 1:20



SECTION 2-2

SCALE 1:20



TYPICAL PILE TO GROUND BEAM CONNECTION DETAIL