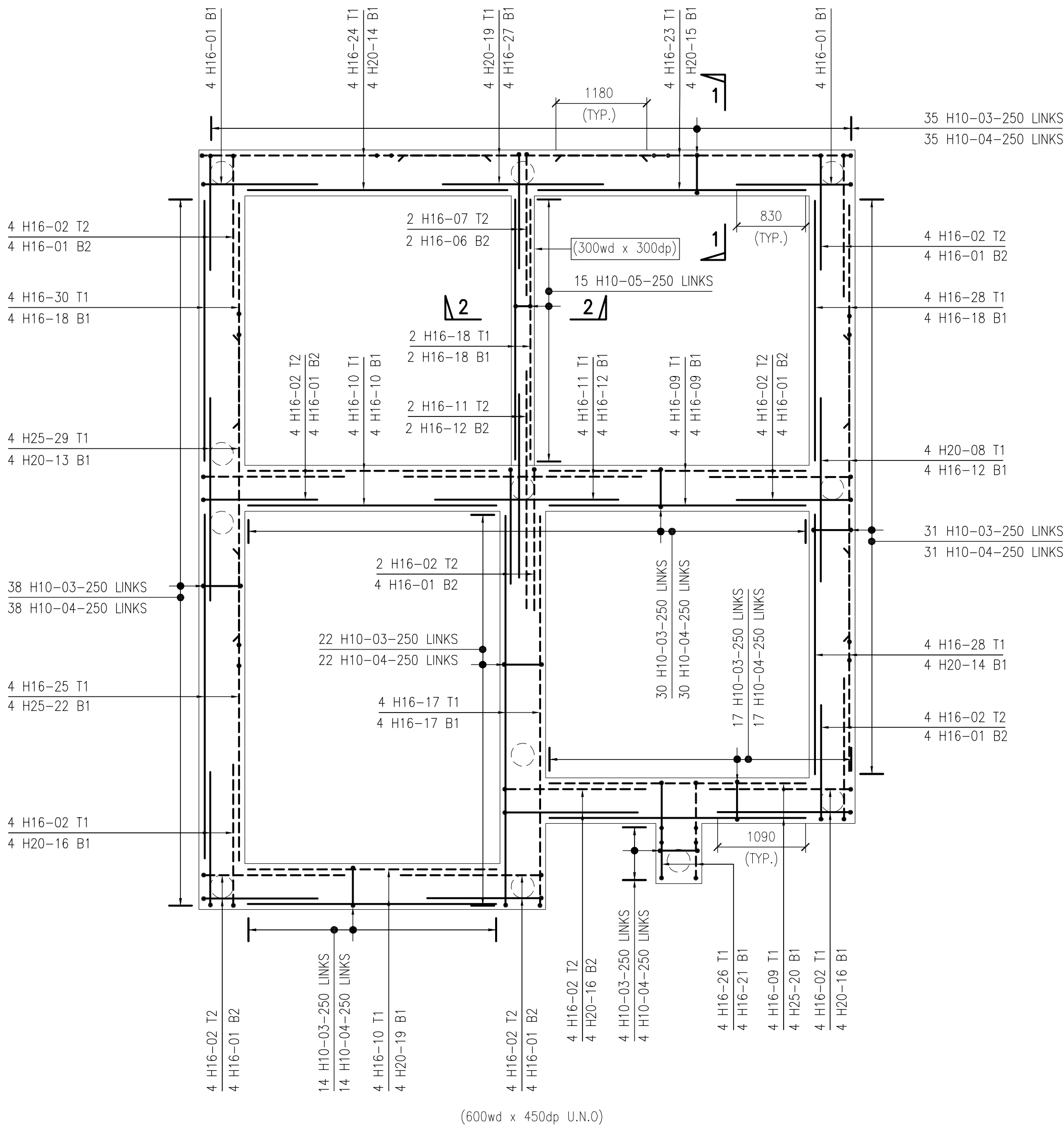
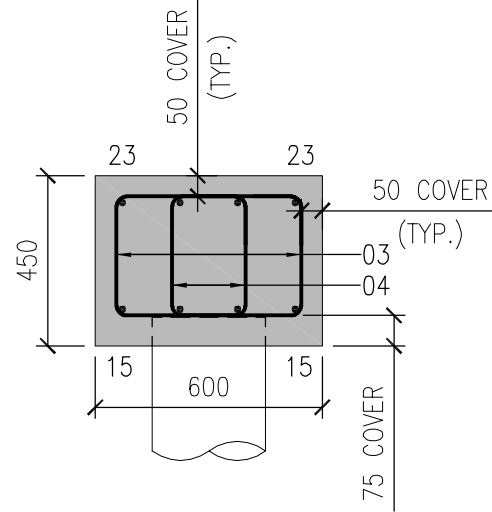


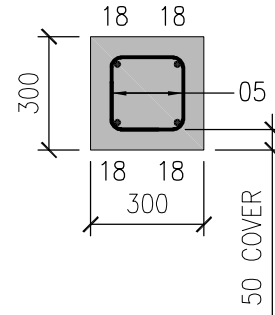
DO NOT SCALE



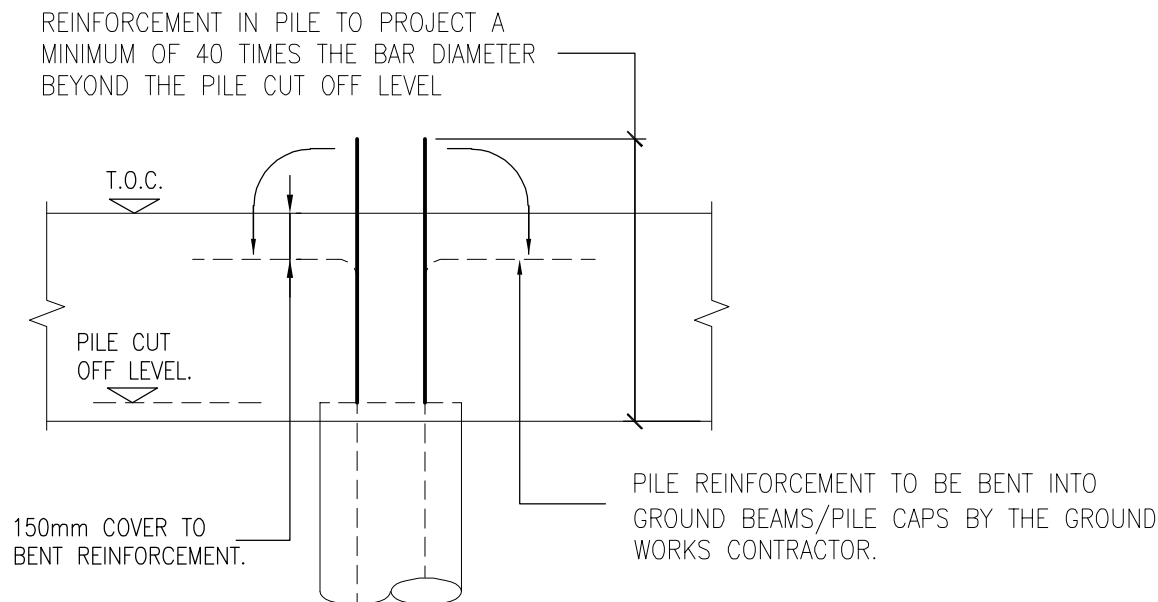
PLOT-656 'CAMBRIDGE'
SCALE 1:50



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-R656_BES 01 TO 03

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

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

ANCHORAGE		Bar dia (mm)	10	12	16	20	25	32	40
BOTTOM	TOP	380	450	600	750	940	1200	1630	
		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 CONCRETE

TYPICAL REBAR CALL UP

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

C1	CONSTRUCTION ISSUE	SMS	07.07.23
1/K	REVISION	BY	DATE

DRAWING STATUS

CONSTRUCTION

DRAWING TITLE

PLOT 656 CAMBRIDGE
(8688G_CAMB_DM.1)
GROUND BEAM
REINFORCEMENT

PROJECT

NETHERMAYNE,
PHASE 4B
FOR
REDROW HOMES

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Drawn SMS	Chkd VMB	Scales 1:50 & 1:20	Date 07/07/23
Purpose of Issue CONSTRUCTION			
Project Number P21-508	Drawing Number R656	Revision C1	