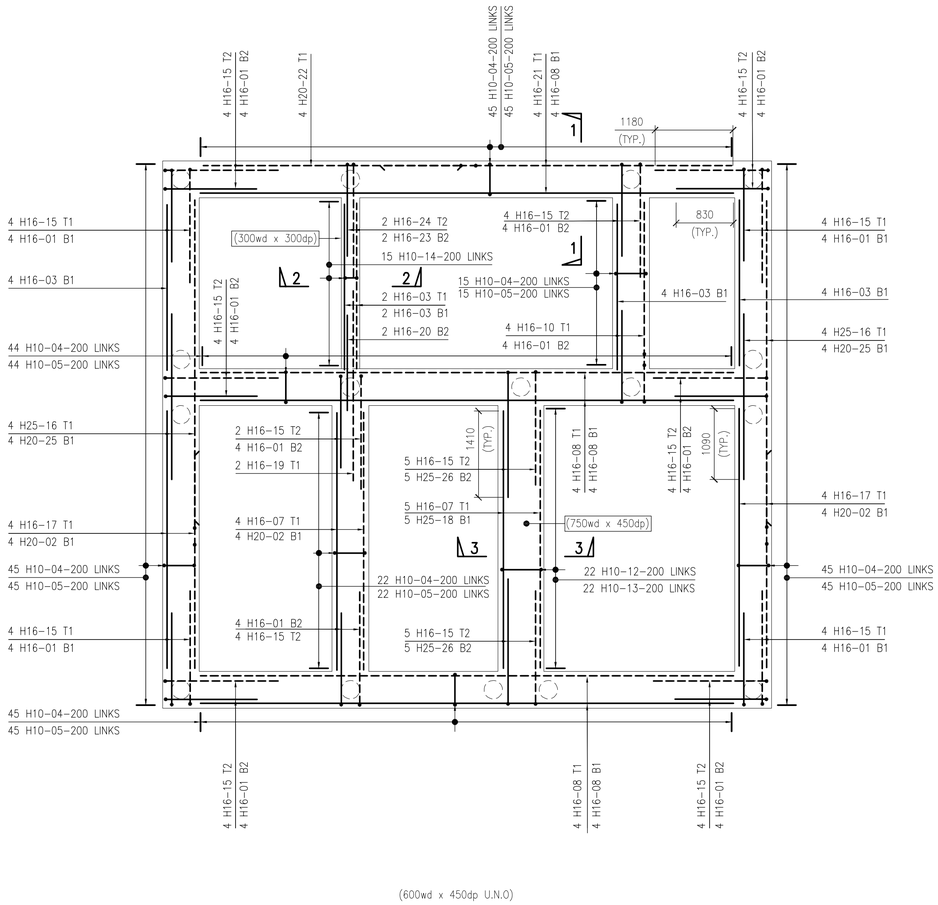
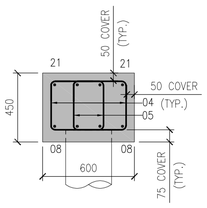
DO NOT SCALE



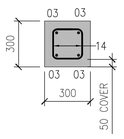
PLOT-657 'HARROGATE'

SCALE 1:50



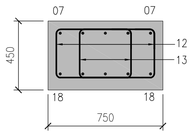
SECTION 1-1

SCALE 1:20



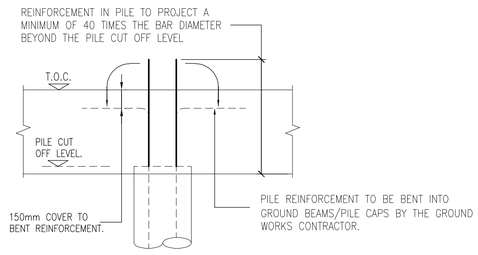
SECTION 2-2

SCALE 1:20



SECTION 3-3

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 MASONARY 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-R657_BBS 01 & 02

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

LAP

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 CONCRETE

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

MK	REVISION	BY	DATE
C1	CONSTRUCTION ISSUE	SMS	07/07/23

DRAWING STATUS

CONSTRUCTION

DRAWING TITLE

PLOT 657 HARROGATE
(8688G_HARR_DM.1)
GROUND BEAM
REINFORCEMENT

PROJECT

NETHERMAYNE,
PHASE 4B
FOR
REDROW HOMES

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Drawn	Ch'kd	Scales	Date
SMS	VMB	1:50 & 1:20	07/07/23

Purpose of Issue
CONSTRUCTION

Project Number	Drawing Number	Revision
P21-508	R657	C1

A1