

DO NOT SCALE

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-R678_BBS 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%)		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
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	07.07.23
MR	REVISION	BY	DATE

DRAWING STATUS

CONSTRUCTION

DRAWING TITLE

LEDSHAM
(8688G_LEDH_DM.1)
GROUND BEAM
REINFORCEMENT

PROJECT

NETHERMAYNE,
PHASE 4B
FOR
REDROW HOMES

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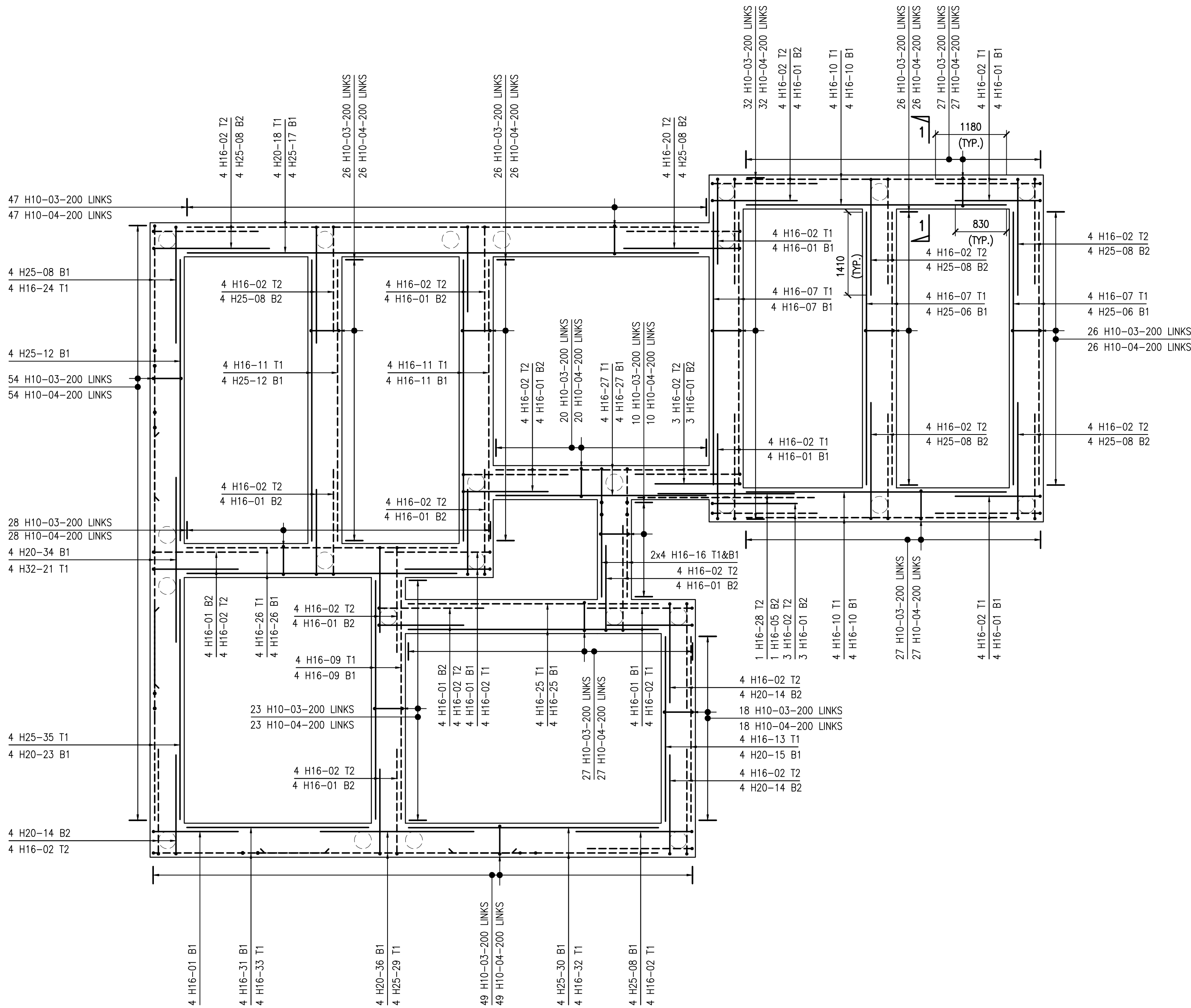
London, Henley-on Thames, Gloucester and Exeter

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

Purpose of Issue

CONSTRUCTION

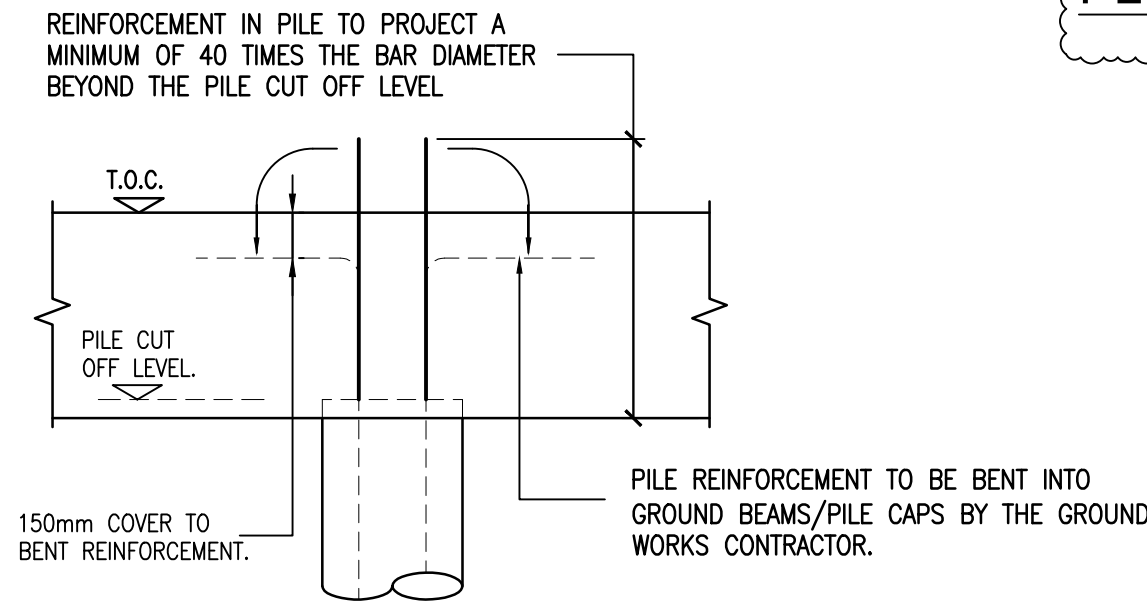
Project Number	Drawing Number	Revision
P21-508	R678	C2



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

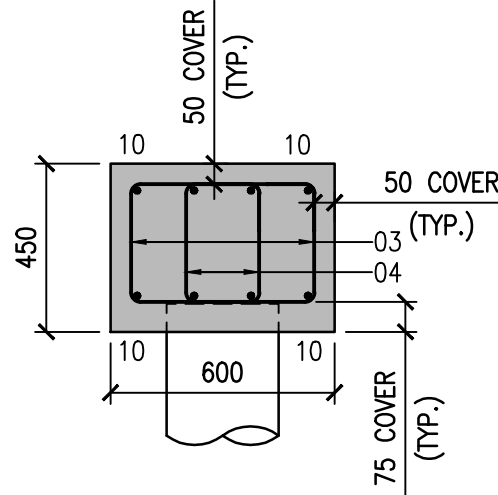
PLOT-678 'LEDHAM'

SCALE 1:50



TYPICAL PILE TO GROUND BEAM
CONNECTION DETAIL

SCALE 1:20



SECTION 1-1

SCALE 1:20