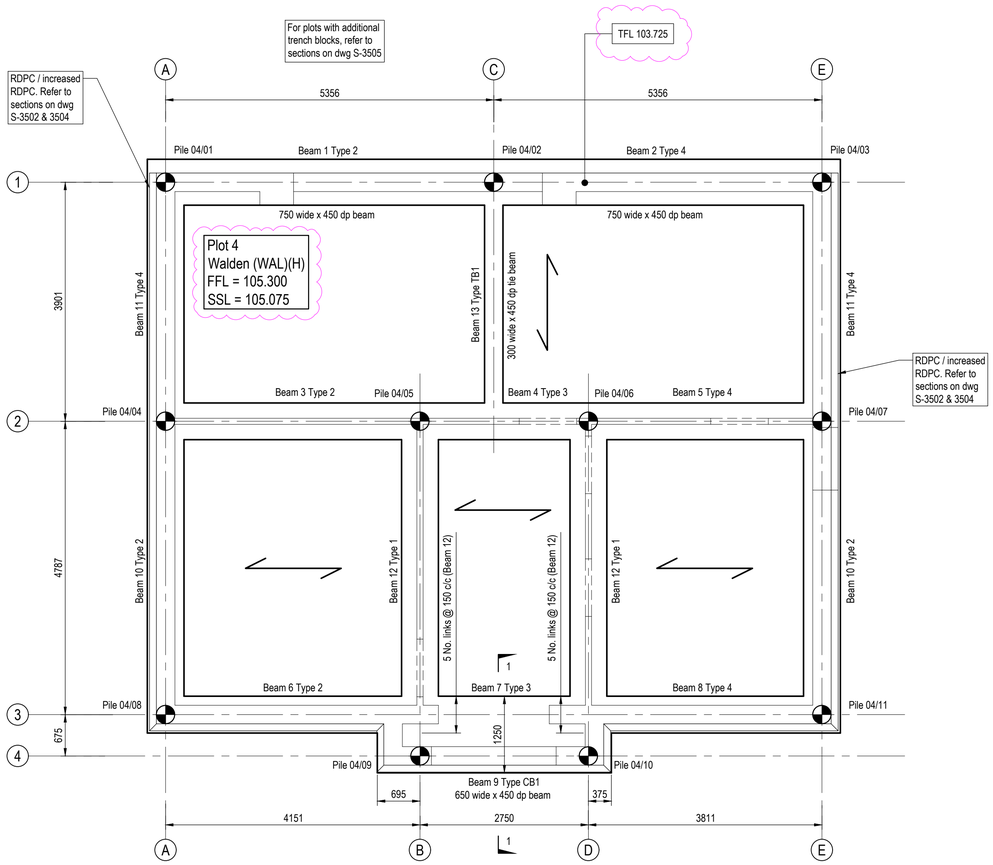
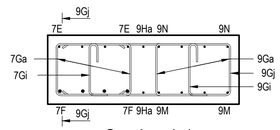


Plot 4 foundation plan

(Scale 1:50)



Section 1-1

(Scale 1:20)

It shall be the responsibility of the contractor to check bending schedules against the drawings prior to the ordering of the reinforcement and to notify the engineer of any discrepancies.

Reinforcement listed on schedule no. 2552 sheets 1-4 inc.

Pile Data - Plot 4

Pile No.	Pile Load (kN)	Pile Dia. (mm)	Pile cut-off Level (m)	Pile Length (m)	Eastings (m)	Northings (m)
Pile 4/01	175		103.325		554478.565	227874.520
Pile 4/02	375		103.325		554483.661	227876.170
Pile 4/03	175		103.325		554488.757	227877.820
Pile 4/04	300		103.325		554479.767	227870.809
Pile 4/05	250		103.325		554483.716	227872.088
Pile 4/06	250		103.325		554486.333	227872.935
Pile 4/07	300		103.325		554489.958	227874.109
Pile 4/08	200		103.325		554481.241	227866.255
Pile 4/09	200		103.325		554485.399	227866.892
Pile 4/10	275		103.325		554488.015	227867.739
Pile 4/11	275		103.325		554491.433	227869.555

Note:
1. Pile length to be completed by Contractor.
2. The design of the foundations and loadings to the piles is based upon a pile diameter of 300mm.
The piling tenderer/contractor is to inform The Engineer of any proposed variation to this pile diameter.

Legend

- Denotes span of 150 Jet floor
- Denotes span of 150 beam & block floor
- Denotes location of 50mm Heaveguard.
- Denotes location of step in soffit of foundation.
- 300 step — Denotes location of step in top of foundation.
- TFL — Denotes top of foundation level
- BFL — Denotes bottom of foundation level

For typical sections, RDPC, exposed brickwork & heaveguard, refer to jnp dwg. nos. C86840-JNP-10-00-DR-S-3510-3514

For construction notes refer to jnp dwg. no. C86840-JNP-XX-XX-DR-S-1001

Note: All blockwork strength below DPC to be 7.3N/mm² (see Masonry Notes - note 16 on dwg C86840-JNP-XX-XX-DR-S-1001) unless noted otherwise.

Refer to Architect's drawings for setting out of walls and foundations.

For location/setting out of service lintels, RWPs and SVPs and other services refer to Architect's drawings.

Note: Cover to all reinforcement to be 50mm unless noted otherwise

Note: All R.C. ground beams to be 600mm wide x 450 dp. unless noted otherwise

Note: All R.C. ground beams to be located centrally under walls unless noted otherwise

Note: For Standard Reinforcement Details refer to dwg. C86840-JNP-10-00-DR-S-3520

Top of foundation Houses Private (TFL) derived from:
Finishes = 250mm
Beam & block floor = 150mm
Sub floor wall = 525mm*

FFL - TFL (houses) = 925mm*

Top of foundation Houses Affordable (TFL) derived from:
Finishes = 225mm
Beam & block floor = 150mm
Sub floor wall = 525mm*

FFL - TFL (houses) = 900mm*

* Minimum dimension. This will increase to ensure TFL is minimum 150mm below existing ground level. Levels to be built up equally either side of wall.

Site layout based on Manorhouse Architecture Site Layout, drg. no 24403-1000 Rev P6 received 15/7/2024.

External levels based on drg. nos C86840-JNP-XX-XX-DR-C-2000-2004

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The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

Rev.	Date	Description	Drn / Chk'd / App'd
C1	22/11/2024	Depth of finishes revised and levels amended.	EML / TV / AB
T1	27/09/2024	First issue for Tender	EML / TV / AB

Suitability: A4 - Approved/Stage Complete

Client Logo: Bellway

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Client: Bellway Homes Ltd (North London)

Job: Hares Leap, Henham, Essex

Title: Plot 4 Pile & ground beam Foundation plan

Classification: FI_60_20
Scale @ A1: As Shown

Site - Drawing Number - Consultant Type - Subject: C86840 - JNP - 10 - 00 - DR - S - 2552 (Document/Drawing Number)
Revision: C1

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