

Pile Schedule		
No.	Load (Kn)	Cut Off Level (m)
P1	200	
P2	200	
P3	200	
P4	275	
P5	275	
P6	200	
P7	200	
P8	300	
P9	300	
P10	300	
P11	300	
P12	300	
P13	300	
P14	250	
P15	200	
P16	200	
P17	300	
P18	300	
P19	275	
P20	275	
P21	200	
P22	200	
P23	300	
P24	175	
P25	200	
P26	200	
P27	200	
P28	300	

Pile Schedule		
No.	Load (Kn)	Cut Off Level (m)
P29	300	
P30	300	
P31	300	
P32	200	
P33	250	
P34	250	
P35	200	
P36	175	
P37	175	

Ingleton Wood LLP shall have no liability to the Employer arising out of any unauthorized modification or amendment to, or any transmission, copy or use of the material, or any proprietary work contained therein, by the Employer, Other Project Team Member, or any other third party.

All dimensions are to be checked and verified on-site by the Main Contractor prior to commencement; any discrepancies are to be reported to the Contract Administrator.

This drawing is to be read in conjunction with all other relevant drawings and specifications

Do Not Scale

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Piled Foundation Notes

- The Contractor shall verify all site and setting out dimensions before putting work in hand. Where dimensions are shown on the Engineers drawings, any discrepancies shall be reported to him.
- Pile loads shown are unfactored in Kilonewtons (kN). Piles shall be designed by the piling specialist in accordance with the requirements of the project specification and associated documents using recognised empirical formula and the satisfaction of the checking authority. Design to include for 10kN lateral load/pile and to overcome the risk of heave.
- Maximum pile diameter to be 300mm unless noted otherwise.
- Bottoms of all foundation excavations shall be trimmed, levelled and protected from inclement weather.
- Bottoms of excavations to receive reinforced concrete, shall be blinded with not less than 50mm of designated concrete GEN1 to BS8500-1:2005.
- All ground beams to be shuttered using SIDEFORM or equivalent permanent formwork unless ground conditions provide good stability of trench sides. Where foundations are cast against an earth face, increase foundation widths to achieve min. 75mm cover.
- Excavations and the surrounding site shall be kept free of water.
- The contractor is responsible and liable for ensuring the stability of the works and services at all stages of construction. Unless shown on the project drawings, we have no knowledge of existing underground services or obstructions.
- No existing or proposed services to pass through ground beams unless written approval is obtained from Ingleton Wood.
- Reinforced concrete shall be compacted by means of a mechanical vibrating poker and the workability shall be such that, when compacted, a dense concrete, free from voids shall be produced.
- Construction joints in ground beams shall be formed against a vertical grout tight shutter and shall be located in the middle third of any beam span between piles, subject to being a minimum of 1.5m from any junction with other ground beams.
- The type and grade of steel reinforcement shall be designated as follows:

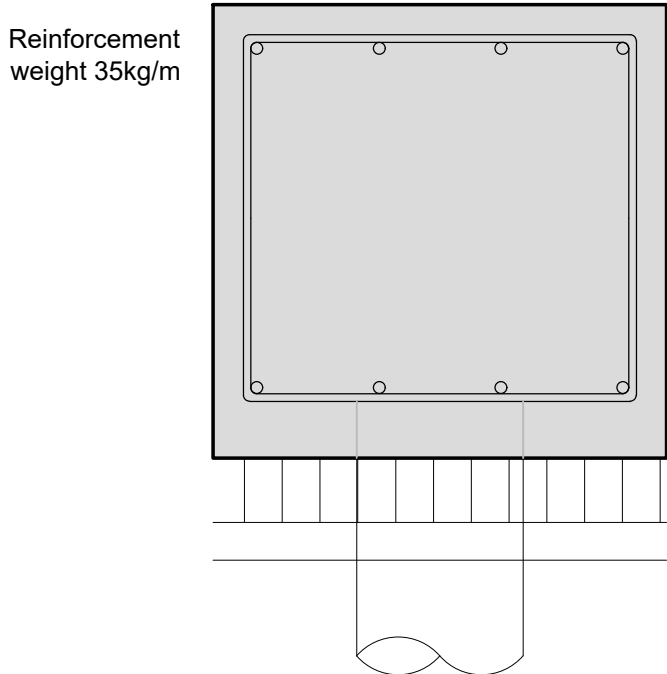
Type of steel reinforcement*	Notation
Grade B500A, Grade B500B or Grade B500C conforming to BS 4449:2005	H
Grade B500A conforming to BS 4449:2005	A
Grade B500B or Grade B500C conforming to BS 4449:2005	B
Grade B500C conforming to BS 4449:2005	C
A specified grade and type of ribbed stainless steel conforming to BS 6744:2001	S
Reinforcement of a type not included in the above list having material properties that are defined in the design or contract specification.	X
NOTE: In the Grade description B500A, etc., "B" indicates reinforcing steel.	

- Concrete grade in accordance with BS8500-1:2005 as follows:

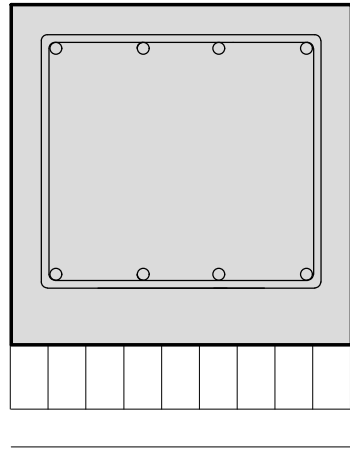
Location	Designated concrete	Max. size of agg.	Consistence Class
Blinding	GEN1	20	S3
Foundations	RC40	20	S3

- Continuity reinforcement is to be provided between each pile and capping beam above. Details of pile anchorage to be confirmed by piling contractor to achieve minimum anchorage lengths etc to ground beams. Pile reinforcement to be turned into ground beam cages and lapped with top reinforcement.
- Any unexpected site conditions are to be reported to the Engineer immediately so that the design can be reviewed and altered if necessary.
- Designs are based on on a maximum pile deviation position of 75mm. Any piles out of position greater than 75mm to be reported to the Engineer immediately.
- All piles to be 100% integrity tested.
- No static load tests to be provided based upon all piles being designed for a factor of safety of 3 x working pile loads specified.

PLEASE NOTE THAT THE EXISTING FOUNDATIONS FOR THE EXISTING STRUCTURE ARE TO BE REMOVED BEFORE PLACING NEW FOUNDATIONS. CONTRACTOR TO ALLOW FOR THE REMOVAL OF EXISTING FOUNDATIONS, FOR AREAS OF EXISTING FOUNDATION REFER TO RECORD & EXISTING DRAWINGS



600sq Ground-beam
(Scale 1:10)



450sq Tie-beam
(Scale 1:10)

Reinforcement weight 25kg/m
85mm cellcore HX-B beneath all foundations.
50mm concrete blinding below all reinforced concrete works.

P4	-Issued for Tender	08/02/19	XX	XX
P3	-Revised to Arch's drawings	19/12/18	XX	XX
P2	-Additional Details Added	30/11/18	XX	XX
P1	-Issue for Comment	23/11/18	XX	XX
Rev	Description	Date	CHK	Apr
Project No:	600682	Scale @ A1:	As Indicated	Drawn By: A.J.W

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Vision, form and function

Project:
Chantry Community Centre
Chantry Way
Billericay, Essex
CM11 2BB

Client:
Billericay Town Council

Title:
Piling layout

Drawing Number: CHNTRY - IW -XX-XX-DR-S-7000		
Status: D2	Purpose of Issue: Tender	Revision: P4