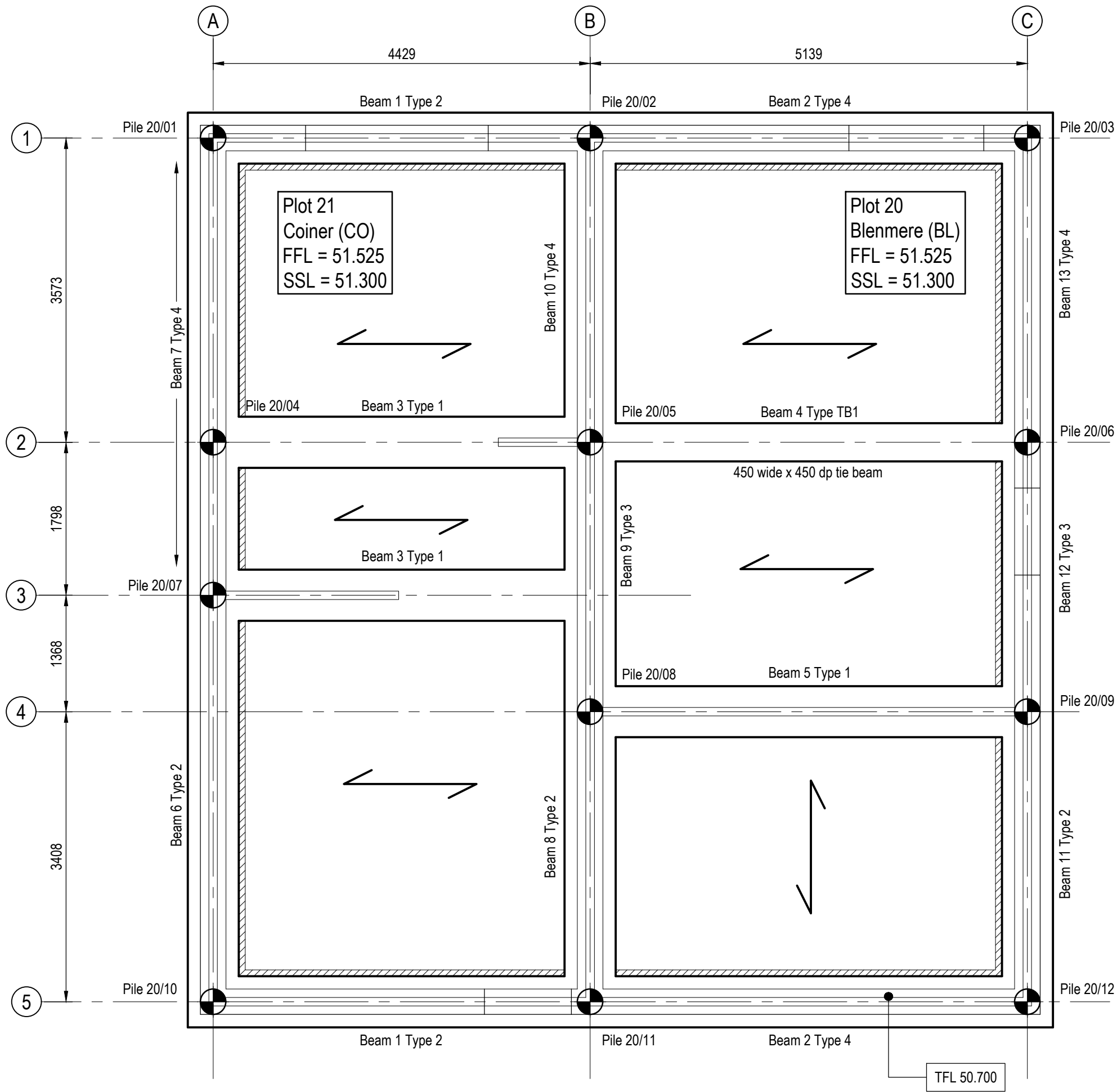




Plot 20-21 foundation plan
(Scale 1:50)

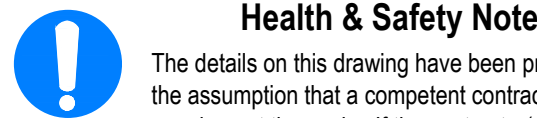
It shall be the responsibility of the contractor to check bending schedules against the drawings prior to the ordering of the reinforcement and to notify the engineer of any discrepancies. Reinforcement listed on schedule no. 2569 sheets 1-4 inc.

Pile Data - Plots 20-21						
Pile No.	Pile Load (kN)	Pile Dia. (mm)	Pile cut-off Level (m)	Pile Length (m)	Eastings (m)	Northings (m)
Pile 20/01	250		50.300		499102.372	166483.303
Pile 20/02	500		50.300		499105.986	166485.862
Pile 20/03	250		50.300		499110.180	166488.833
Pile 20/04	250		50.300		499104.437	166480.386
Pile 20/05	450		50.300		499108.052	166482.946
Pile 20/06	275		50.300		499112.245	166485.916
Pile 20/07	375		50.300		499105.476	166478.920
Pile 20/08	475		50.300		499109.881	166480.363
Pile 20/09	375		50.300		499114.075	166483.333
Pile 20/10	250		50.300		499108.237	166475.022
Pile 20/11	500		50.300		499111.851	166477.581
Pile 20/12	250		50.300		499116.045	166480.552

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.

General Notes

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Health & Safety Note

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HAZARD IDENTIFICATION BOX

This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015

Hazard Ref	Hazard Type (Construction/Maintenance/ Cleaning/Operation/Adaptation)	Hazard Description	Mitigation Measures/ Residual Risk
1	Excavation & Construction Phases	High ground water table	Dewatering ground water above basement slab level. Pumps failing / flooding. Dewater until completion of construction of the reinforced concrete basement & ground floor slab box.

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.
	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. C86828-JNP-10-00-DR-S-3501-3504

For construction notes refer to jnp dwg. no. C86828-JNP-XX-XX-DR-S-1001

Note: All blockwork strength below DPC to be 7.3N/mm² (see Masonry Notes - note 16 on dwg C86828-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, RWP's and SVP's 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. C86828-JNP-10-00-DR-S-3520

For ground levels refer to Withers dwg. nos. 24-003/130-132 & 136

Top of foundation (TFL) derived from:
Houses
Finishes = 225mm
Beam & block floor = 150mm
Soffit of B&B floor to TOGB = 450mm
FFL to TFL = 825mm
FFL to pile cut off = 1225mm
Apartments
Finishes = 225mm
Beam & block floor = 150mm
Soffit of B&B floor to TOGB = 525mm
FFL to TFL = 900mm
FFL to pile cut off = 1300mm

C3	21/05/2025	Pile co-ordinates corrected	RJ / AB
C2	15/05/2025	House Types changed	RJ / AB
C1	22/11/2024	Issued for Construction	RJ / AB
T2	22/05/2024	Layout revised to latest Architect plans	SJB / AB / AB
T1	26/04/2024	First issue for Tender	EML / AB
Rev	Date	Description	Dim / Check / App'd

Stability:
A4 - Approved/Stage Complete



Client: Bellway Homes Ltd South London		Reason: C3	
Job: Regents Gate, Virginia Water		Title: Plots 20-21 Pile & ground beam Foundation plan	
Classification: FL 60_20 Scale @ A1: As Shown	Constructionline Accredited Contractor	Constructionline Supplier No. 000000	Document/Drawing Number C86828 - JNP - 10 - 00 - DR - S - 2569
Site - Drawing Number - Consultant Type - Subject			



Legend

- Denotes concrete trench footings where top of foundation level has been lowered further, below existing ground levels.
- Denotes concrete trench footings outside the influence zone of existing trees. Depth of concrete footing up to 1.5m below proposed ground level to extend into firm clay.
- Denotes concrete trench footings where foundation deepening is required due to trees and/or levels raising. Depth of concrete footing typically 1.5m - 2.0m below proposed ground level.
- Denotes concrete trench footings where foundation deepening is required due to trees and/or levels raising. Depth of concrete footing typically 2.0m - 2.5m below proposed ground level.
- Denotes piled foundations either in areas close to existing trees, or where the required depth due to trees and levels raising is greater than 2.5m depth.
TOPM - XX.XXX Denotes top of pile mat level (taken approx. 450mm above pile cut off levels, to be confirmed by Piling Contractor).

For 1:100 detailed foundation site layouts refer to jnp dwg. nos. C86828-JNP-10-00-DR-S-2501-2505

For construction notes refer to jnp dwg. no. C86828-JNP-XX-XX-DR-S-1001

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Y1	Excavation & Construction Phases	High ground water table	De-watering ground water above basement slab level. Pumps failing / flooding. De-water until completion of construction of the reinforced concrete basement & ground floor slab box.
Y2	Excavation & Construction Phases	Existing Foul Sewer running across site	Contractor to confirm location of existing foul sewer horizontally & vertically. Foundations must bear in to undisturbed virgin ground, any excavating may require locally lowering of bottom of foundation levels.

Rev	Date	Description	Drawn / Checked / Approved
P3	28/02/2025	Foundations hatching amended to suit foundation changes.	EML / AB
P2	22/05/2024	Legend added to highlight foundation types. Approx pile mat levels added.	RJ / AB
P1	02/05/2024	For information	RJ / AB

Subsidiary: S3 - Suitable for Review & Comment

Client Logo:

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CONSULTING ENGINEERS

Amersham • Brighouse • Bristol • Glasgow
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Client: Bellway Homes Ltd
South London

Address: Regents Gate,
Virginia Water

Title: Foundation Site Plan

Classification: FL_60_20
Scale @ A1: NTS

Project: Originator - Volume/System - Level/Location - Type - Discipline - Number
C86828 - JNP-10-00- SK -S- 7001

Revision: P3