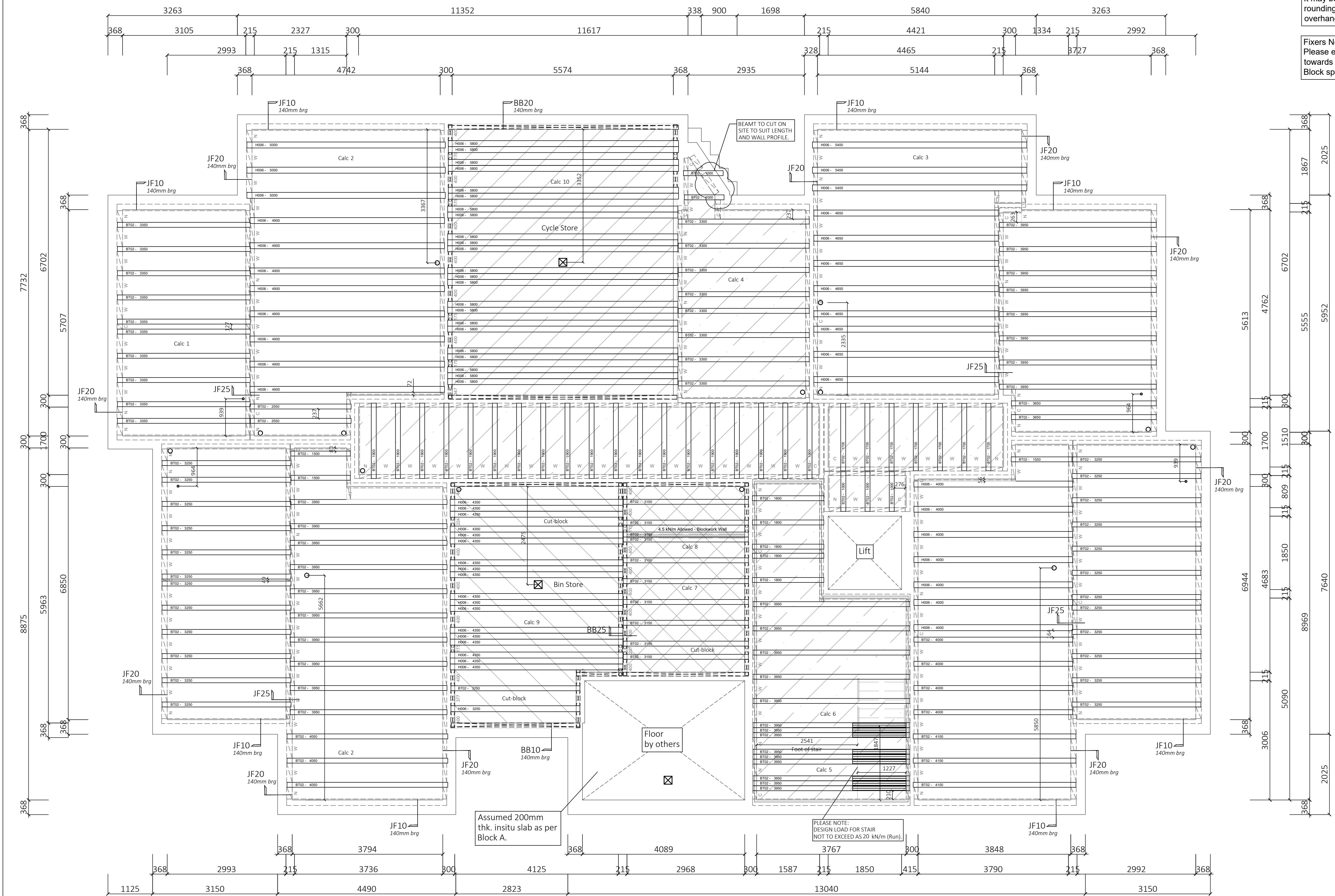


A1 See drawing "Jetfloor 150 Details" for sections and notes



GROUND FLOOR LAYOUT
HT-Block C

	Denotes: LV Store Live Load of 5.0kN/m ²		Denotes: Cycle Store Area Live Load of 2.5kN/m ²
	Denotes: Water tank Area Live Load of 4.0kN/m ²		Denotes: Bin Store Area Live Load of 5.0kN/m ²
	Denotes: Communal Area Live Load of 3.0kN/m ²		

Fixers Note:
Infill beams are manufactured in 50mm increments.
It may be necessary to shorten beams where
rounding up to beam length creates excessive
overhang into wall cavities

Fixers Note:
Please ensure that when laying beams, please work
towards cut rows. Cut row is the tolerance. See
Block spacing key on layout for information

Dimensions are to
substructure blockwork

Revisions			
SFX	DATE	Comment	Initial
A	20/04/24	Stair load confirmation note updated. Design loads note updated.	NS
B	14/02/25	Svp updated & layout altered to suit.	NS
C	01/04/25	Bay dims. updated as comments. Foot of stair updated and beam layout altered below stair.	NS

Beam and Block floor specifications		
Bin & Cycle store Floor Makeup		
Beam	150mm	Beam and Block
Topping	75mm	Reinforced Topping

Beam and Block Spacing Key		
Block size is 440x215x100		
400mm between beams	Blocks laid length ways	
175mm between beams	Blocks rotated 90 degrees	
Any other spacing	Tolerance Cut	

Loading Allowances		
Live Load	2.50	kN/m ²
Dead Load	2.40	kN/m ²
Blanket Partition Load	0.00	kN/m ²
Partition Load (U.N.O)	0.00	kN/m
	Timber stud	

Jet floor Specifications		
Loading Allowances		
Live Load	1.50	kN/m ²
Dead Load	1.68	kN/m ²
Blanket Partition Load	0.60	kN/m ²
Partition Load (U.N.O)	0.00	kN/m
	Timber Stud	

JetFloor Make Up			
Beam	150mm	Jetfloor	Grey
Insulation	80mm	EPS Overlay	Grey
Topping	70mm	Structural Topping	
Bearing	FFL - 300		
U Value	0.138	W/m ² k	

Jetfloor Block Key		
Wide Block	W	485mm Beam Spacings
Narrow Block	N	295mm Beam Spacings
Cut Sheet	C	Tolerance Cut Sheet. No greater than 294mm

Bill of material	
NR.	ITEM
5	BT02 BEAM 1000mm
2	BT02 BEAM 1500mm
1	BT02 BEAM 1550mm
7	BT02 BEAM 1700mm
5	BT02 BEAM 1800mm
19	BT02 BEAM 1900mm
2	BT02 BEAM 2500mm
10	BT02 BEAM 3150mm
25	BT02 BEAM 3250mm
1	H006 BEAM 3250mm
6	BT02 BEAM 3300mm
10	BT02 BEAM 3350mm
2	BT02 BEAM 3650mm
32	BT02 BEAM 3950mm
4	BT02 BEAM 4000mm
7	H006 BEAM 4000mm
3	BT02 BEAM 4050mm
3	BT02 BEAM 4100mm
18	H006 BEAM 4350mm
8	H006 BEAM 4650mm
8	H006 BEAM 4900mm
3	H006 BEAM 5000mm
3	H006 BEAM 5400mm
23	H006 BEAM 5800mm

T100P (grey EPS 18kg/m³)		3.16	
J82 Forterra - External (1500 kg/m³)		548	
JPK (grey EPS 26kg/m³)		90.75	
JPM (grey EPS 26kg/m³)		291.96	
Coursing blocks			
SC0H 20N	: N/A	BR100L 3.6N	: N/A
SC0P 10N	: 151	BR100W 3.6N	: N/A
SC0P 20N	: N/A	BR100L 3.6N	: N/A
TS100W 7.3N	: 190	PS100W 7.3N	: N/A
TS100H 7.3N	: 78	PS100H 7.3N	: N/A
JL100 7.3N	: 140	PS140W 7.3N	: N/A
TS140W 7.3N	: 42	PS140H 7.3N	: N/A
TS140H 7.3N	: 23	TCBL	: 36
JL140 7.3N	: 77	PM10L	: N/A
EX100L	: N/A	PM10W	: N/A
EX140L	: N/A	PM10H	: N/A
EX100W	: N/A	EX140W	: N/A
EX100H	: N/A	EX140H	: N/A

Total Floor weight : 36.10 tonnes	
Total Floor Area : 393 m ²	
Total m ³ poly block : 170,596 m ³	
Floor weight ex blocks: 28.11 tonnes	
Heaviest unit : 294.13 kg	

Overlay sheets:	
380P: 98.96 pc	

Ancillary items	
Airbrick Template	: N/A
Airbrick Manthorpe	: N/A
BC1100	: N/A
BC1140	: N/A
BC3100	: N/A
BC3140	: N/A



BISON PRECAST

a Forterra brand

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Housebuilder

Houlihan & Co Excavations Ltd

Site Address

Cala Homes- Brooklands College
Old Heath Road

Date **09/08/24** Scale **1:50** Dwn. **NS**

Project Number **2407053**

Type Description **Block C**

Rev **C**