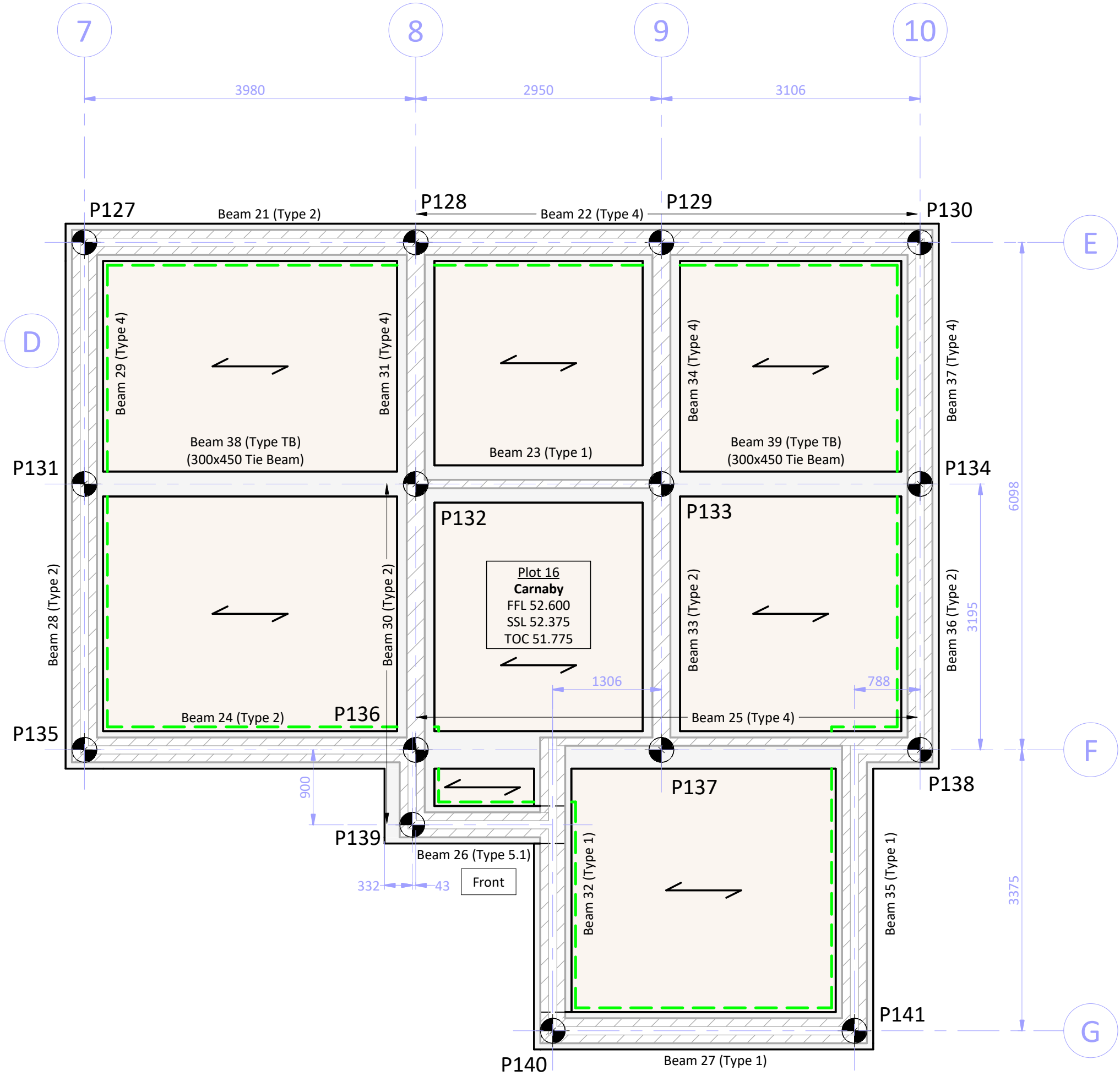
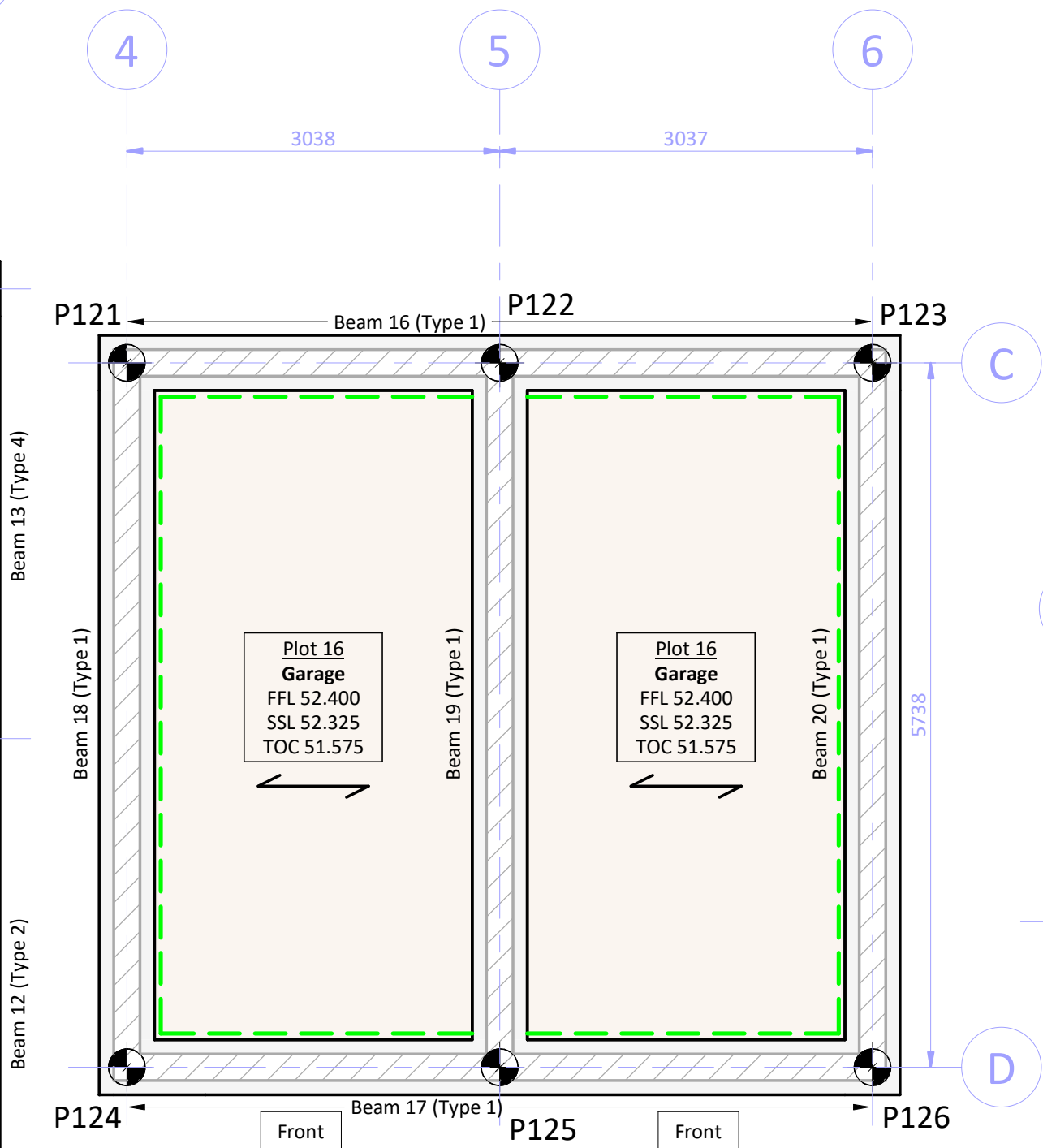
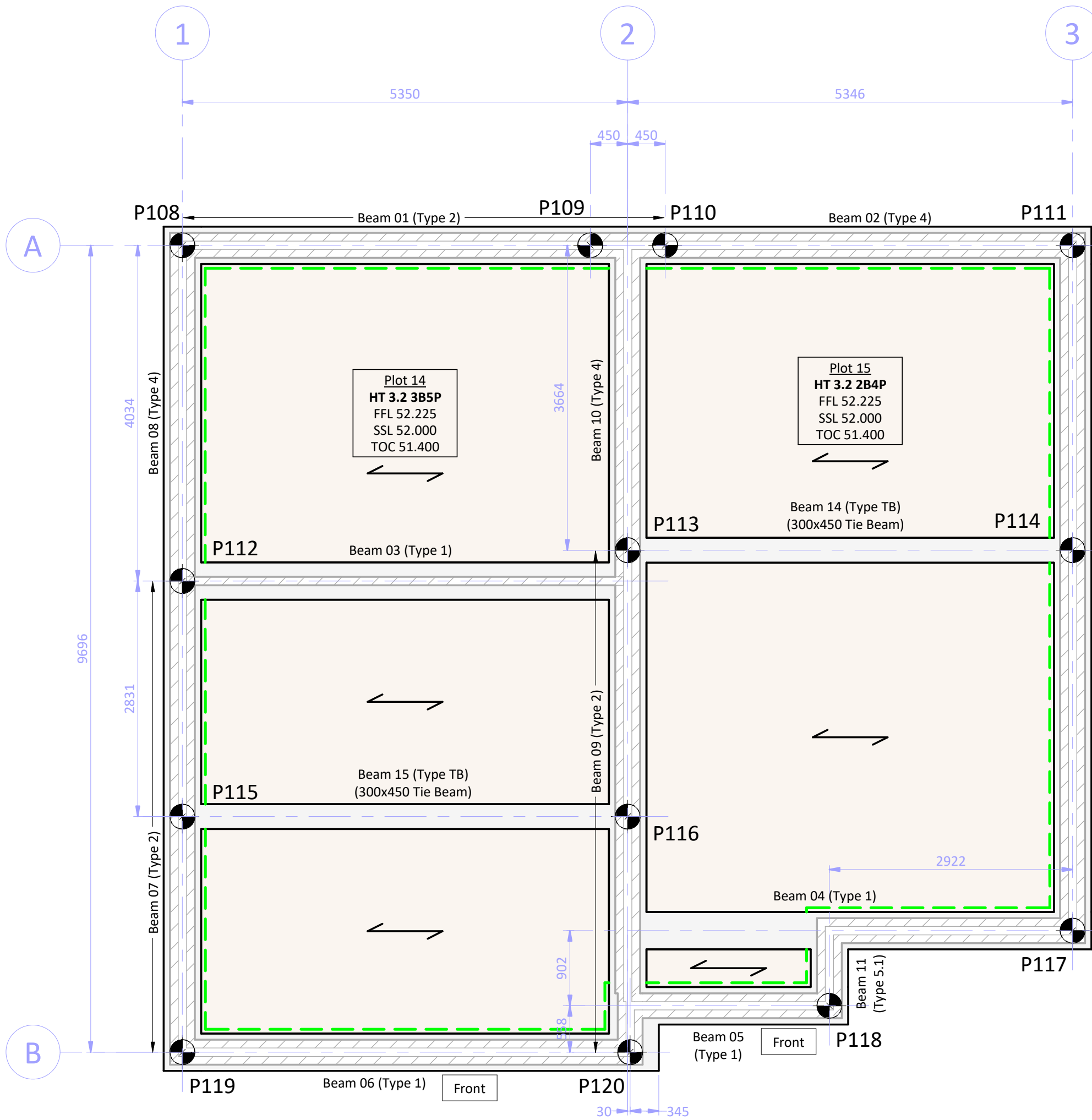


Plots 14-15 Pile Data Table				
Pile No.	Pile Load (kN)	Pile Cut Off Level (m)	Easting (m)	Northing (m)
P108	230	51.000	570627.932	140427.022
P109	270	51.000	570632.426	140428.974
P110	270	51.000	570633.252	140429.332
P111	195	51.000	570637.742	140431.282
P112	370	51.000	570629.539	140423.321
P113	430	51.000	570634.299	140425.793
P114	340	51.000	570639.202	140427.922
P115	210	51.000	570630.666	140420.725
P116	360	51.000	570635.574	140422.856
P117	220	51.000	570641.023	140423.729
P118	100	51.000	570638.702	140421.736
P119	220	51.000	570631.794	140418.129
P120	270	51.000	570636.729	140420.272

Plot 16 Pile Data Table				
Pile No.	Pile Load (kN)	Pile Cut Off Level (m)	Easting (m)	Northing (m)
P121	140	51.175	570639.138	140431.231
P122	210	51.175	570641.924	140432.441
P123	140	51.175	570644.710	140433.651
P124	150	51.175	570641.424	140425.969
P125	160	51.175	570644.210	140427.179
P126	150	51.175	570646.996	140428.389
P127	150	51.375	570648.067	140430.146
P128	240	51.375	570651.717	140431.731
P129	170	51.375	570654.423	140432.907
P130	130	51.375	570657.272	140434.144
P131	250	51.375	570649.224	140427.482
P132	240	51.375	570652.874	140429.068
P133	200	51.375	570655.580	140430.243
P134	240	51.375	570658.429	140431.480
P135	160	51.375	570650.496	140424.552
P136	310	51.375	570654.147	140426.138
P137	270	51.375	570656.853	140427.313
P138	190	51.375	570659.701	140428.550
P139	100	51.375	570654.466	140425.295
P140	180	51.375	570657.000	140423.697
P141	180	51.375	570660.324	140425.141



LEGEND

Span direction of precast floor to supplier's design and detail

Pile position and reference number.  
Maximum pile load 450kN (SLS)

Reinforced concrete ground beam  
450mm wide x 450mm deep unless noted otherwise. Allow for 160kg/m³ reinforcement

Retaining wall and RC base with A393 top and bottom

Substructure Blockwork  
Minimum compressible strength 7.3N/mm²  
Class (ii) mortar designation below dpc

Claymaster compressible material to inside face of foundation as noted on plan. Refer to Structa drawing 3902-2005 for details

FFL Finished Floor Level

SSL Structural Slab Level

TOC Top of Concrete level

Front Front entrance door location

**HEALTH, SAFETY & ENVIRONMENT:**

It is the responsibility of the client to ensure that those undertaking the works are competent and experienced in the type of work to be undertaken.

In addition to the hazards usually associated with the types of work detailed on this drawing, the following specific hazards have been identified through design risk assessment. The planning and execution of the works should take into account all usual and specific hazards.

Hazards should also be taken into account in the maintenance, operation, decommissioning and demolition of the works.

- Live services may be present on site
- Existing ground is/may be contaminated
- Deep excavations necessary
- Ground conditions may be unstable during excavation
- The stability of adjacent foundations will need to be considered during excavation works
- Piling rig and working platform on sloping site

- NOTES:**
- All dimensions are in millimetres (mm) and levels in metres (m) Above Ordnance Datum (mAOD) unless noted otherwise.
  - Do not scale from this drawing.
  - The copyright in this drawing belongs to Structa LLP; the designs and details may not be used on any project other than that indicated in the titleblock.
  - Where CAD and Revit files of the drawings are issued, they are provided for the convenience of others, and shall not be used for construction purposes or relied upon for accuracy or completeness.
  - The Engineer is not responsible for dimensional information except where shown on these drawings. All setting out information, dimensions etc. shall be calculated from the Architects drawings.
  - For foundation sections, details and construction notes refer to Structa drawing 3902-2005.
  - For additional retaining walls and retaining wall setting out refer to relevant Civil Engineering drawings.
  - For retaining wall construction details including spacing of movement joints, refer to Structa drawings 3902-2025 and 3902-2026.
  - For ground beam general notes and reinforcement details refer to Structa drawings 3902-2006 and bar bending schedule 3902-B2014.
  - For material and workmanship requirements refer to notes on relevant drawings and structural specification 3902-S5001.

C1	11.12.24	CONSTRUCTION ISSUE	GB	NW	TJS
P2	14.03.24	RETAINING WALLS UPDATED AND REFERENCES ADDED	GB	NW	TJS
P1	23.02.24	FIRST ISSUE	GB	NW	TJS
Rev	Date	Description	Drawn	Checked	Approved

FOR CONSTRUCTION



BASSETTS FARM, HORSMONDEN

PLOTS 14-16  
FOUNDATION GENERAL ARRANGEMENTS

- Structural
- Civil
- Geo-environmental

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Drawing No:  
3902-2014

Revision:  
C1

Plots 14-16 Foundation General Arrangements  
(Scale 1 : 50)

SCALE 1:50 @ A1

0m

1

2

3

4

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