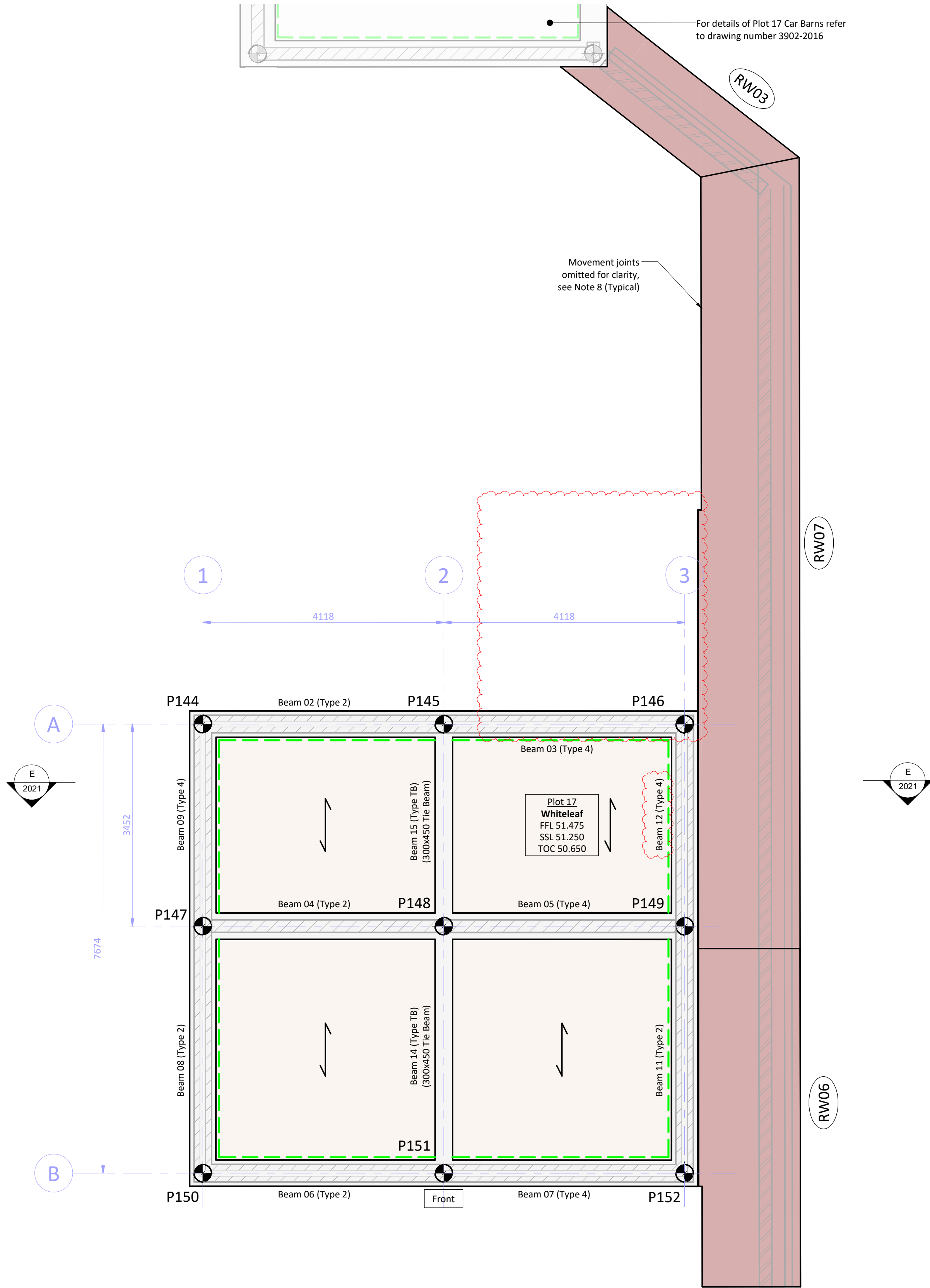


Plot 17 Pile Data Table				
Pile No.	Pile Load (kN)	Pile Cut Off Level (m)	Easting (m)	Northing (m)
P144	150	50.250	570657.186	140405.583
P145	360	50.250	570655.546	140409.360
P146	260	50.250	570653.905	140413.137
P147	320	50.250	570660.353	140406.959
P148	270	50.250	570658.712	140410.737
P149	310	50.250	570657.072	140414.513
P150	180	50.250	570664.225	140408.640
P151	320	50.250	570662.584	140412.419
P152	180	50.250	570660.944	140416.195

Piles P142 and P143 removed



Plot 17 Foundation General Arrangement
(Scale 1:50)

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-B2015.
- For material and workmanship requirements refer to notes on relevant drawings and structural specification 3902-S5001.

C2	28.02.25	REVISED AS CLOUDED	CDJ	NW	TJS
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

PLOT 17
FOUNDATION GENERAL ARRANGEMENTS

- Structural
- Civil
- Geo-environmental

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Drawing No:
3902-2015

Revision:
C2

SCALE 1:50 @ A1

