

LEGEND

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

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

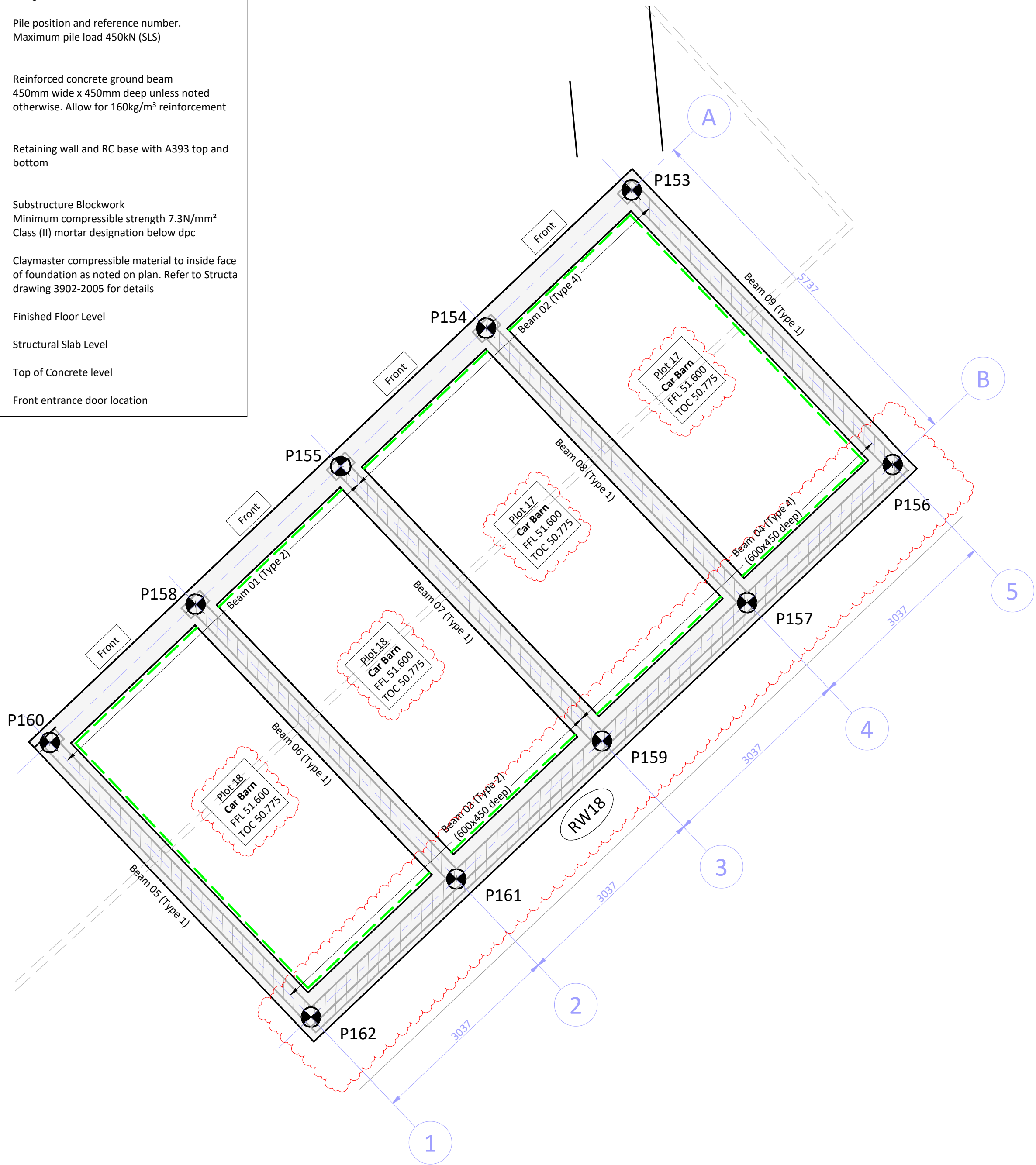
Reinforced concrete ground beam
450mm wide x 450mm deep unless noted otherwise. Allow for 160kg/m³ reinforcement

RW01 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

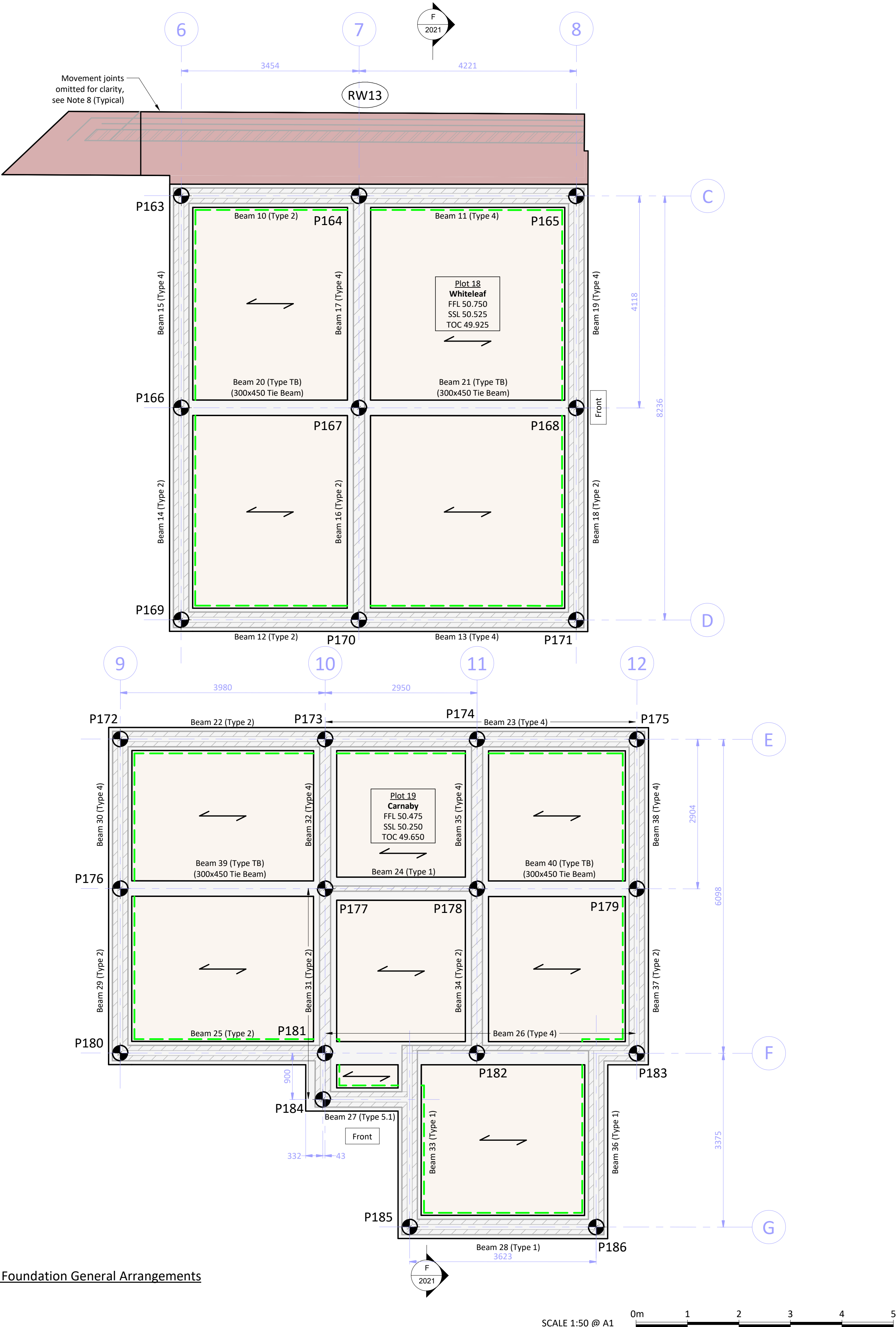


Plots 17-18 Car Barns Pile Data Table				
Pile No.	Pile Load (kN)	Pile Cut Off Level (m)	Easting (m)	Northing (m)
P153	170	50.375	570644.018	140407.139
P154	150	50.375	570641.233	140405.926
P155	260	50.375	570638.448	140404.714
P156	150	50.375	570646.309	140401.878
P157	200	50.375	570643.524	140400.666
P158	150	50.375	570635.668	140403.503
P159	230	50.375	570640.740	140399.449
P160	170	50.375	570632.878	140402.289
P161	200	50.375	570637.953	140398.241
P162	150	50.375	570635.168	140397.029

Plot 18 Pile Data Table				
Pile No.	Pile Load (kN)	Pile Cut Off Level (m)	Easting (m)	Northing (m)
P163	260	49.525	570652.573	140402.462
P164	310	49.525	570655.817	140401.279
P165	180	49.525	570659.783	140399.832
P166	360	49.525	570651.161	140398.593
P167	270	49.525	570654.406	140397.410
P168	320	49.525	570658.372	140395.963
P169	150	49.525	570649.750	140394.725
P170	320	49.525	570652.995	140393.541
P171	180	49.525	570656.961	140392.095

Plot 19 Pile Data Table				
Pile No.	Pile Load (kN)	Pile Cut Off Level (m)	Easting (m)	Northing (m)
P172	150	49.250	570647.849	140392.953
P173	240	49.250	570651.588	140391.589
P174	170	49.250	570654.359	140390.578
P175	130	49.250	570657.277	140389.514
P176	250	49.250	570646.854	140390.225
P177	240	49.250	570650.593	140388.861
P178	200	49.250	570653.364	140387.850
P179	240	49.250	570656.282	140386.786
P180	160	49.250	570645.759	140387.224
P181	310	49.250	570649.498	140385.860
P182	270	49.250	570652.269	140384.849
P183	190	49.250	570655.187	140383.785
P184	100	49.250	570649.150	140385.029
P185	180	49.250	570649.887	140382.125
P186	180	49.250	570653.291	140380.884

Plots 18-19 Foundation General Arrangements
(Scale 1:50)



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-B2016.
- For material and workmanship requirements refer to notes on relevant drawings and structural specification 3902-S5001.

Rev.	Date	Description	Drawn	Checked	Approved
C2	15.08.25	RETAINING WALL ADDED TO PLOTS 18-19 CAR PORT	MMcG	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

FOR CONSTRUCTION



BASSETTS FARM, HORSMONDEN

LOTS 18-19
FOUNDATION GENERAL ARRANGEMENTS

Structural
Civil
Geo-environmental

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Drawing No:
3902-2016

Revision:
C2