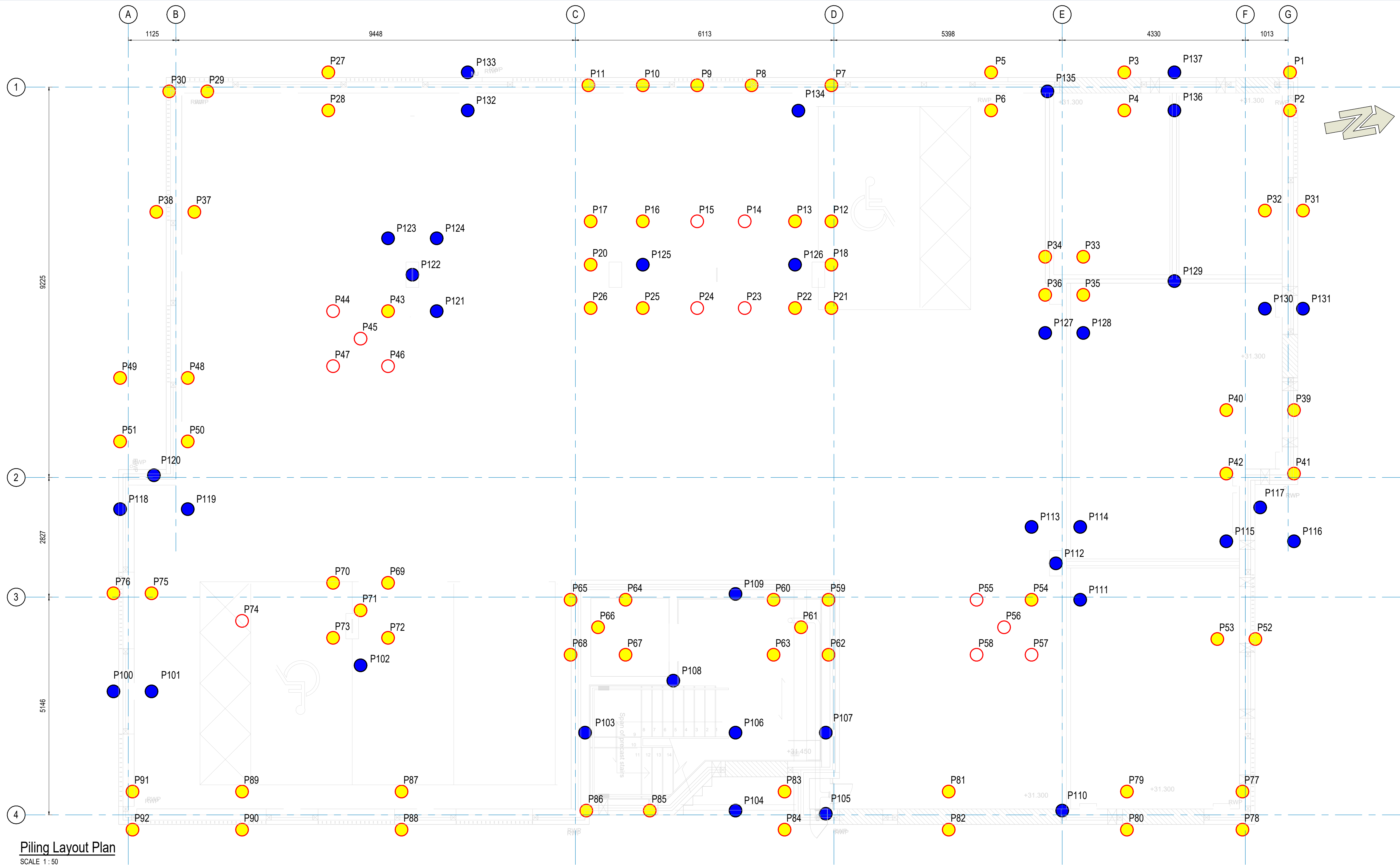




Piling Layout Plan
SCALE 1 : 50

Additional Pile Schedule				
Ref	Vert. Load (Unfactored)	Easting	Northing	Cut-off Level
P100	250 kN	507071608	163922303	+29.875 m
P101	250 kN	507071765	163923189	+29.875 m
P102	430 kN	507072017	163928164	+29.725 m
P103	375 kN	507074507	163933114	+29.125 m
P104	375 kN	507076940	163936297	+29.125 m
P105	375 kN	507077385	163938386	+29.125 m
P106	350 kN	507075126	163938618	+29.125 m
P107	375 kN	507075497	163938720	+29.125 m
P108	400 kN	507073660	163935383	+29.125 m
P109	400 kN	507071897	163937198	+29.125 m
P110	450 kN	507078283	163943905	+29.725 m
P111	400 kN	507073449	163945190	+29.725 m
P112	400 kN	507072502	163944773	+29.725 m
P113	400 kN	507071554	163944356	+29.725 m
P114	400 kN	507071754	163945489	+29.725 m
P115	425 kN	507072689	163948832	+29.725 m
P116	425 kN	507072967	163950408	+29.725 m
P117	425 kN	507072040	163949759	+29.725 m
P118	400 kN	507067393	163923206	+29.725 m
P119	400 kN	507067671	163924782	+29.725 m
P120	400 kN	507066745	163924133	+29.725 m
P121	400 kN	507064087	163931392	+29.725 m
P122	400 kN	507063140	163930975	+29.725 m
P123	400 kN	507062192	163930558	+29.725 m
P124	400 kN	507062392	163931691	+29.725 m

Additional Pile Schedule				
Ref	Vert. Load (Unfactored)	Easting	Northing	Cut-off Level
P125	400 kN	507063854	163936382	+29.725 m
P126	400 kN	507064479	163939926	+29.725 m
P127	400 kN	507067096	163945471	+29.725 m
P128	400 kN	507067253	163946357	+29.725 m
P129	275 kN	507066420	163948692	+30.175 m
P130	400 kN	507067435	163950686	+29.875 m
P131	400 kN	507067591	163951573	+29.875 m
P132	250 kN	507065943	163932939	+29.875 m
P133	250 kN	507058657	163933095	+29.875 m
P134	275 kN	507060909	163940637	+29.875 m
P135	350 kN	507061483	163946515	+29.875 m
P136	300 kN	507062448	163949394	+29.875 m
P137	300 kN	507061562	163949550	+29.875 m

- Key Legend**
- Denotes new pile
 - Denotes existing pile (reused)
 - Denotes existing pile (not used)

As-Built Pile Schedule				
Ref	Vert. Load (Unfactored)	Easting	Northing	Cut-off Level
P1	225 kN	507062037	163952242	+29.875 m
P2	225 kN	507062924	163952086	+29.875 m
P3	300 kN	507061356	163948384	+29.875 m
P4	300 kN	507062242	163948228	+29.875 m
P5	300 kN	507060809	163945282	+29.875 m
P6	300 kN	507061695	163945126	+29.875 m
P7	275 kN	507060454	163941510	+29.875 m
P8	275 kN	507060125	163939652	+29.875 m
P9	275 kN	507059902	163938385	+29.875 m
P10	300 kN	507059678	163937119	+29.875 m
P11	325 kN	507059455	163935852	+29.875 m
P12	350 kN	507063619	163940951	+29.725 m
P13	350 kN	507063470	163940105	+29.725 m
P16	375 kN	507062844	163936560	+29.725 m
P17	375 kN	507062630	163935346	+29.725 m
P18	375 kN	507064629	163940773	+29.725 m
P20	400 kN	507063639	163935167	+29.725 m
P21	450 kN	507063638	163940595	+29.725 m
P22	450 kN	507065489	163939748	+29.725 m
P25	450 kN	507064863	163936204	+29.725 m
P26	450 kN	507064649	163934989	+29.725 m
P27	400 kN	507058904	163929850	+29.725 m
P28	400 kN	507058076	163929693	+29.725 m
P29	300 kN	507058030	163926953	+29.725 m
P30	300 kN	507057873	163926067	+29.725 m
P31	300 kN	507065308	163951976	+29.875 m

As-Built Pile Schedule				
Ref	Vert. Load (Unfactored)	Easting	Northing	Cut-off Level
P32	300 kN	507065152	163951089	+29.875 m
P33	375 kN	507065480	163946670	+29.725 m
P34	375 kN	507065324	163945784	+29.725 m
P35	375 kN	507066366	163946514	+29.725 m
P36	375 kN	507066210	163945627	+29.725 m
P37	325 kN	507060781	163926157	+29.725 m
P38	325 kN	507060625	163925270	+29.725 m
P39	425 kN	507069914	163950947	+29.725 m
P40	425 kN	507069636	163949371	+29.725 m
P41	425 kN	507071392	163950866	+29.725 m
P42	425 kN	507071113	163949110	+29.725 m
P43	400 kN	507063887	163930259	+29.725 m
P48	400 kN	507064619	163925320	+29.725 m
P49	400 kN	507064341	163923745	+29.725 m
P50	400 kN	507066096	163925060	+29.725 m
P51	400 kN	507065818	163923484	+29.725 m
P52	400 kN	507075083	163949108	+29.725 m
P53	400 kN	507074927	163948221	+29.725 m
P54	400 kN	507073249	163944057	+29.725 m
P59	375 kN	507072415	163939330	+29.125 m
P60	375 kN	507072189	163938050	+29.125 m
P61	375 kN	507072942	163938577	+29.125 m
P62	375 kN	507073695	163939104	+29.125 m
P63	375 kN	507073469	163937824	+29.125 m
P64	400 kN	507071580	163934603	+29.125 m
P65	400 kN	507071354	163933323	+29.125 m

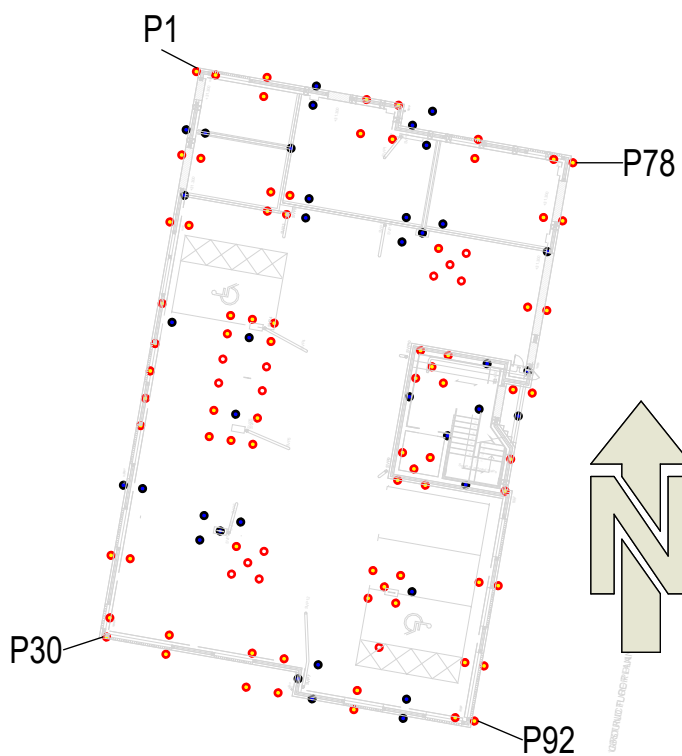
As-Built Pile Schedule				
Ref	Vert. Load (Unfactored)	Easting	Northing	Cut-off Level
P66	400 kN	507072107	163933850	+29.125 m
P67	400 kN	507072860	163934377	+29.125 m
P68	400 kN	507072634	163933097	+29.125 m
P69	430 kN	507070210	163929143	+29.725 m
P70	430 kN	507069964	163927863	+29.725 m
P71	430 kN	507070737	163928390	+29.725 m
P72	430 kN	507071490	163928917	+29.725 m
P73	430 kN	507071264	163927637	+29.725 m
P75	425 kN	507069481	163923593	+29.875 m
P76	425 kN	507069325	163922706	+29.875 m
P77	225 kN	507078580	163948179	+29.725 m
P78	225 kN	507079467	163948023	+29.725 m
P79	300 kN	507078105	163945490	+29.725 m
P80	300 kN	507078992	163945333	+29.725 m
P81	325 kN	507077373	163941340	+29.725 m
P82	325 kN	507078259	163941184	+29.725 m
P83	325 kN	507076698	163937518	+29.125 m
P84	325 kN	507077584	163937361	+29.125 m
P85	375 kN	507076587	163934301	+29.125 m
P86	375 kN	507076326	163932824	+29.125 m
P87	375 kN	507075124	163928599	+29.725 m
P88	375 kN	507076010	163928443	+29.725 m
P89	350 kN	507074468	163924885	+29.725 m
P90	350 kN	507075354	163924729	+29.725 m
P91	300 kN	507074018	163922335	+29.875 m
P92	300 kN	507074904	163922178	+29.875 m

General Notes

- These notes are to be read in conjunction with all relevant ECE drawings and specifications.
- All dimensions in millimetres (unless noted otherwise) all levels in metres Above Ordnance Datum (unless noted otherwise).
- All dimensional setting out and level information is to be confirmed by the Architect.
- All dimensions are to be verified by the Contractor prior to fabrication or construction.
- The contractor shall be responsible for the design, fabrication, erection and removal of all temporary bracing and back propping necessary to maintain stability during the construction phase.

Piling Notes

- The piling contractor is to choose the method of piling best suited to the ground conditions or any environmental restrictions imposed by the Local Authority and its statutory consultees.
- Concrete in the piles is to meet design chemical class DC-2.
- All piles are to be to the piling contractor's design and to carry the safe working load (unfactored) as shown on the pile table.
- All piling works are to be executed in strict accordance with the contract specification and the latest edition of the ICE Specification for Piling and Embedded Retaining Walls.
- All piles to be designed for a minimum horizontal force of 10kN (unfactored)
- Design of piles to be in accordance with BS EN 1997-1 and pile design life of 50 years minimum.
- As-built pile coordinates (Piles P1 ~ P92 incl.) to be confirmed on site prior to commencement of additional piles.



Pile Key Plan

SCALE 1 : 350

E	Substructure redesign to reflect as-built pile arrangement	M.J.	AJS	15.08.2025
D	Updated to suit revised lift shaft size	M.J.	AMC	08.04.2025
C	Construction Issue. Pile loads updated and cut off levels added	M.J.	N.C.	18.04.24
B	Pile loads indicated. P19 removed	M.J.	N.C.	16.02.24
A	Tender Issue	M.J.	N.C.	20.12.23
REV	DESCRIPTION	SIG	CHK	DATE

CALA HOMES (THAMES) LTD

BROOKLANDS COLLEGE, WEYBRIDGE

BLOCK B
PLOTS: 19 - 33
PILING LAYOUT AND SCHEDULE



ECE PROJECT No SCALE At A1 DRAWING STATUS REV

48176 As indicated Construction E

DRAWING NUMBER

SA00394 - 5101 - S - BLOCKB - FND