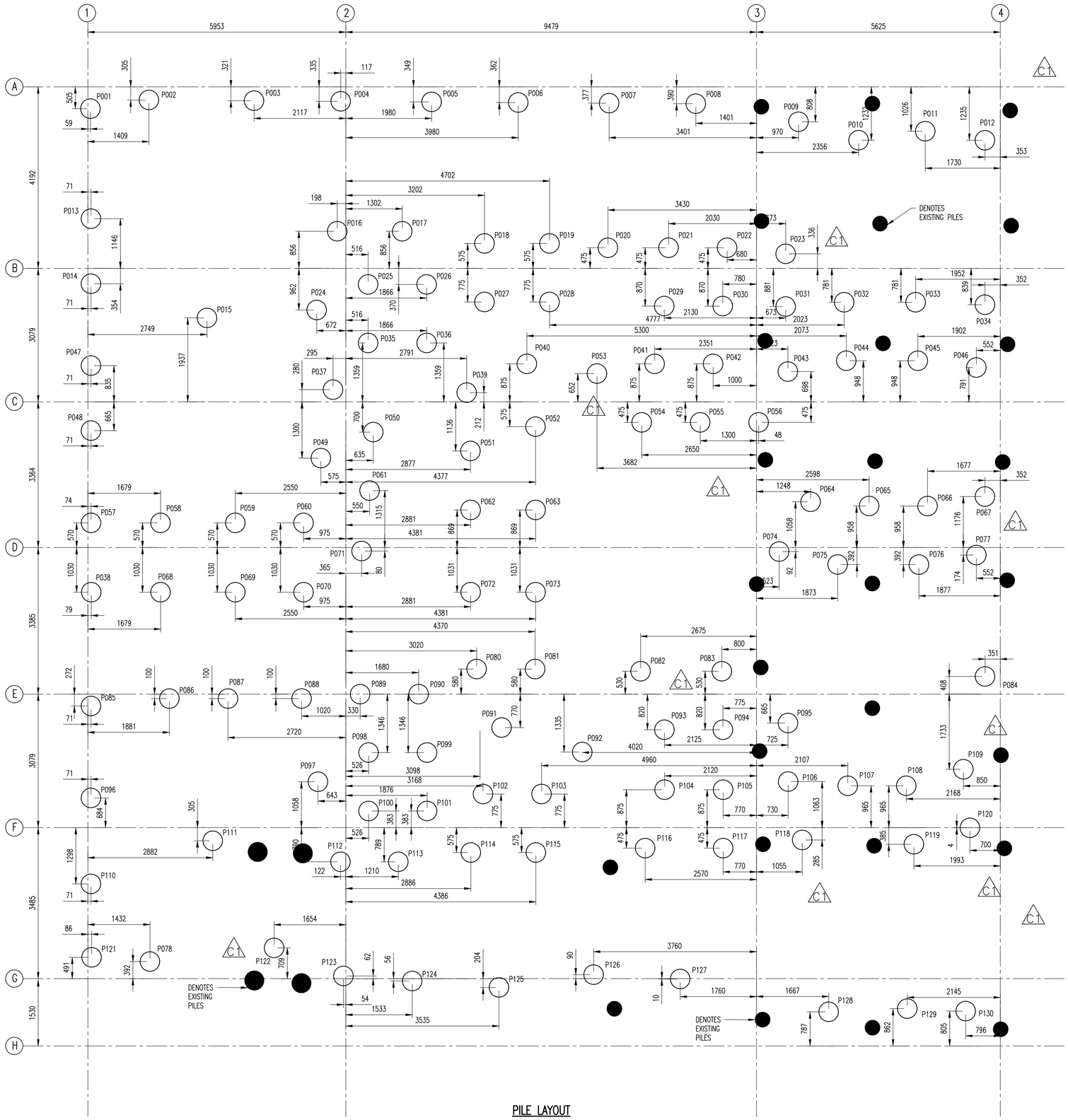

PILE LAYOUT
SCALE 1:50

NOTE:
ALL PILES CARRY SAFE WORKING LOAD AS NOTED IN THE SCHEDULE, EXCLUDING NEGATIVE SKIN FRICTION AND SELF WEIGHT. ALLOW 2% HORIZONTAL LOAD AT HEAD OF ALL PILES. ALL SETTING OUT, CUT OFF LEVELS ETC. TBC BY ARCHITECT.

NOTE:
PILE LOCATIONS ARE SUBJECT TO CHANGE FOLLOWING DEMO AND SURVEY OF EXISTING PILES. INTEGRITY TESTING OF EXISTING PILES SHOULD BE ALLOWED FOR.

PILE SCHEDULE		
PILE Ref.	LOAD (kN)	CUT-OFF LEVEL
P001	450	42.182
P002	175	42.182
P003	450	42.182
P004	450	42.182
P005	425	42.182
P006	375	42.182
P007	425	42.182
P008	425	42.182
P009	450	42.182
P010	350	42.182
P011	425	42.182
P012	375	42.182
P013	425	42.182
P014	450	42.182
P015	125	42.182
P016	175	42.182
P017	150	42.182
P018	275	42.182
P019	350	42.182
P020	350	42.182
P021	375	42.182
P022	350	42.182
P023	100	42.182
P024	250	42.182
P025	425	40.732
P026	375	40.732
P027	275	42.182
P028	400	42.182
P029	375	42.182
P030	450	42.182
P031	450	42.182
P032	275	42.182
P033	250	42.182
P034	300	42.182
P035	425	40.732
P036	350	40.732
P037	450	42.182
P038	150	41.682
P039	350	41.682
P040	275	41.682
P041	375	42.182
P042	450	42.182
P043	375	42.182
P044	300	42.182
P045	275	42.182
P046	300	42.182
P047	325	42.182
P048	350	42.182
P049	325	42.182
P050	400	42.182
P051	325	41.682
P052	400	42.182
P053	450	42.182
P054	350	42.182
P055	325	42.182
P056	275	42.182
P057	450	42.182
P058	375	42.182
P059	400	42.182
P060	450	42.182
P061	350	42.182
P062	325	41.682
P063	375	42.182
P064	325	42.182
P065	400	42.182

PILE SCHEDULE		
PILE Ref.	LOAD (kN)	CUT-OFF LEVEL
P066	350	42.182
P067	425	42.182
P068	400	41.682
P069	400	41.682
P070	350	41.682
P071	425	42.182
P072	250	41.682
P073	275	42.182
P074	300	42.182
P075	325	42.182
P076	300	42.182
P077	425	42.182
P078	250	42.182
P079	DOES NOT EXIST	–
P080	325	41.682
P081	450	42.182
P082	400	42.182
P083	400	42.182
P084	450	42.182
P085	325	42.182
P086	375	42.182
P087	325	42.182
P088	400	42.182
P089	450	42.182
P090	425	42.182
P091	300	41.682
P092	325	42.182
P093	425	42.182
P094	250	41.682
P095	275	42.182
P096	325	42.182
P097	300	42.182
P098	300	42.182
P099	275	42.182
P100	400	42.182
P101	325	40.732
P102	250	42.182
P103	350	42.182
P104	325	42.182
P105	450	42.182
P106	450	42.182
P107	350	42.182
P108	350	42.182
P109	400	42.182
P110	350	42.182
P111	125	42.182
P112	125	42.182
P113	125	42.182
P114	175	42.182
P115	250	42.182
P116	300	42.182
P117	300	42.182
P118	350	42.182
P119	250	42.182
P120	450	42.182
P121	450	42.182
P122	300	42.182
P123	325	42.182
P124	325	42.182
P125	350	42.182
P126	450	42.182
P127	450	42.182
P128	450	42.182
P129	450	42.182
P130	300	42.182

PILING

11. THE PILING CONTRACTOR IS TO VISIT SITE TO FULLY ACQUAINT HIMSELF WITH ALL ASPECTS AND CONDITIONS RELATING TO THE PROJECT. ALL SERVICES ARE TO BE LOCATED PRIOR TO THE SETTING OUT OF THE PILES. MODIFICATION TO THE PILING LAYOUT MAY BE REQUIRED.

12. REINFORCEMENT TO BE HIGH YIELD STEEL TO BS 4449. CONCRETE FOR PILES TO BE A MINIMUM DESIGNATED RC35 MIX IN ACCORDANCE WITH BS 5328.

13. PILES TO BE DESIGNED FOR A MAXIMUM OF 450 kN / THE CAPACITIES SHOWN. THE CAPACITIES ARE THE LOADS THAT SUBSTRUCTURE AND SUPERSTRUCTURE WILL IMPOSE UPON THE PILE AND DOES NOT INCLUDE FOR NEGATIVE SKIN FRICTION OR OTHER FACTORS.

14. PILES TO BE DESIGNED FOR A FACTOR OF SAFETY OF 3.0.

15. PILES ARE TO BE DRIVEN/AUGERED AND ARE TO HAVE MAXIMUM DIAMETER OF 450 mm.

16. TOTAL SETTLEMENTS UNDER WORKING LOAD SHALL NOT EXCEED 10mm FOR AN INDIVIDUAL PILE.

17. FOR THE PURPOSE OF DESIGN FOR HORIZONTAL LOADS, THE PILES MAY BE CONSIDERED AS HAVING FIXED HEADS.

18. COMMENCING SURFACE TO BE CONFIRMED.

19. THE SPECIFICATION SHALL BE "THE SPECIFICATION FOR LOAD BEARING PILES".

20. COMPLETED PILES SHALL BE LEFT PROJECTING A MINIMUM OF 600mm ABOVE THE STATED CUT OFF LEVEL.

21. THE SUCCESSFUL TENDERER WILL BE REQUIRED TO SUBMIT CALCULATIONS TO SUPPORT THEIR PROPOSAL FOR THE WORK FOR APPROVAL BY THE STRUCTURAL ENGINEER AND BUILDING CONTROL DEPARTMENT.

22. A PRICE FOR CARRYING OUT MAINTAINED LOAD TESTS IS TO BE INCLUDED.

23. TENDERERS SHOULD PROVIDE PRICES FOR ADDITIONAL OR REDUCTION IN THE NUMBER OF PILES FOR EACH DIFFERENT LENGTH WHICH WILL DEPEND ON CUT OFF LEVEL.

24. ALL PILING WORKS ARE TO BE IN ACCORDANCE WITH THE SPECIFICATION FOR PILING WORKS AS PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.

25. TESTING OF PILES:-
25a. INTEGRITY TESTING SHOULD BE CARRIED OUT ON 100% OF THE PILES.

25b. DYNAMIC TESTING TO BE CARRIED OUT ON A MINIMUM OF 3% OF THE PILES.

25c. THE ENGINEER SHALL BE INFORMED IMMEDIATELY SHOULD ANY PILES MEET AN REFUSAL, BE OUT OF PLUMB OR OUTSIDE OF PLAN TOLERANCE BY 75mm

CONSTRUCTION

Rev	Amendments	Drawn	Approved	Date
C1	CONSTRUCTION ISSUE	BA	MR	05.11.2018
T2	PILE LAYOUT UPDATED	JM	MR	13.09.2018
T1	TENDER ISSUE	SN	MR	29.08.2018
P1	INITIAL ISSUE	BA	MR	13.07.2018

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Project
246-248 KILBURN HIGH ROAD, NW6 2BS

Drawing Title
PILE LAYOUT
BLOCK B

Client
PLANNING AND CONSULTING

Drawn by	Designed by
BA	JM
Approved by	Checked by
JMS	JM
Scale	Date
AS SHOWN	JULY 2018

Drawing No. L18_064_04 / 500
Rev. C1

ORIGINAL SHEET SIZE A1