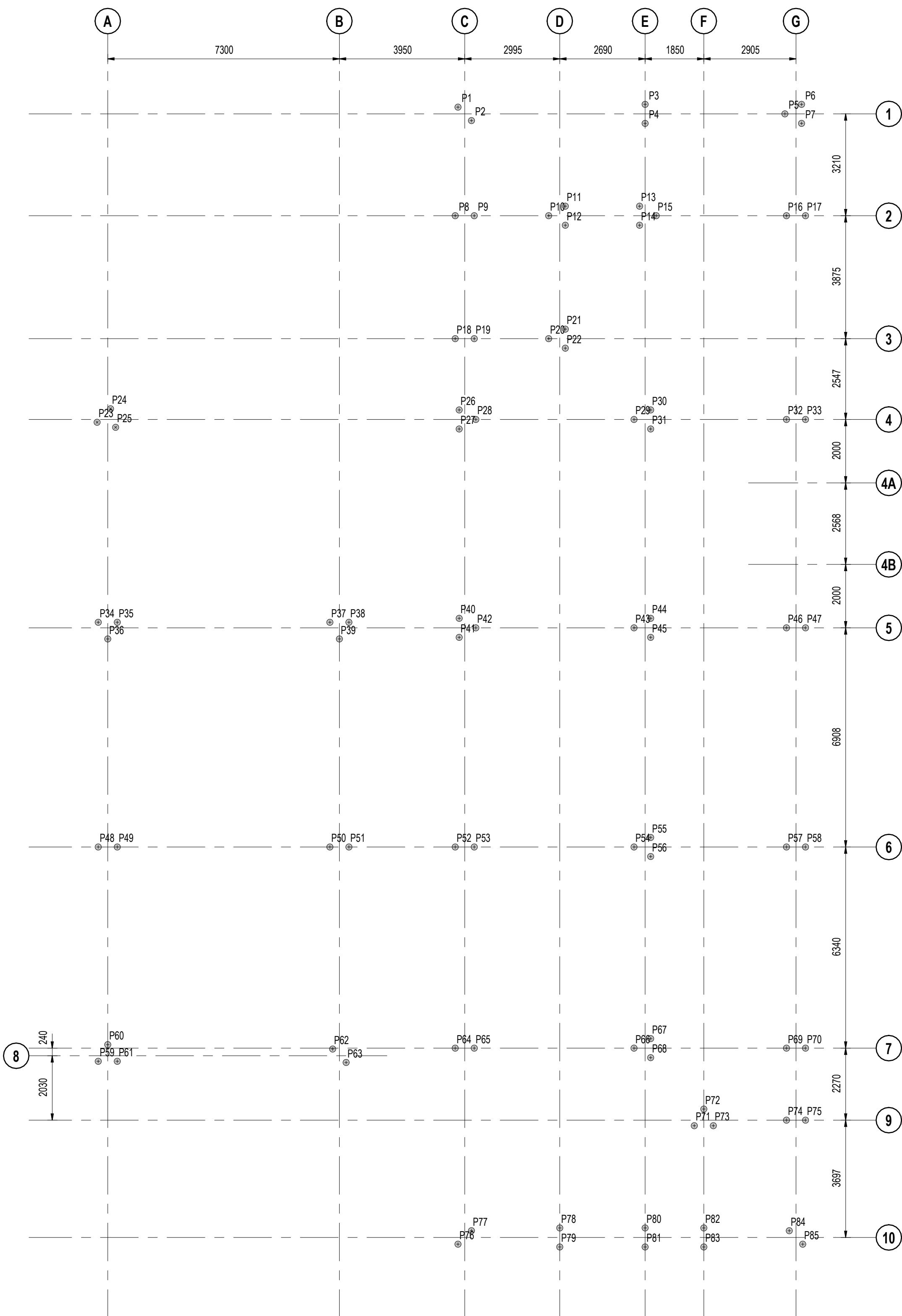




PLAN ON PILING LAYOUT - ALL PILES TO BE CONTRACTOR DESIGNED

1 : 100

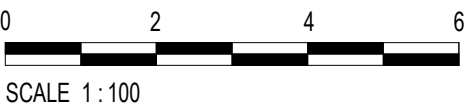
NOTE : PILING LAYOUT IS BASED UPON :

1. NO PLANT LOADING TO THE ROOF (PV ONLY)
2. GREEN ROOF ON APPLIANCE BAY ONLY
3. NORMAL ROOF ON ACCOMMODATION BLOCK I.E. NO GREEN ROOF

NOTE : DESIGN IS BASED ON THE USE OF 200mm DIAMETER STEEL MINI PILES

NOTE : PILE CUT OFF LEVELS ARE BASED UPON A FFL OF 103.100m OSGB

PILE SCHEDULE					
PILE REF	CUT OFF LEVEL	EASTING	NORTHING	UNFACTORED DEAD LOAD kN	UNFACTORED WIND LOAD kN (SHEAR)
P1	102.125m	380494452	406470220	200 kN	10 kN
P2	102.125m	380493906	406469971	200 kN	10 kN
P3	102.125m	380492472	406464665	200 kN	50 kN
P4	102.125m	380491910	406464875	200 kN	50 kN
P5	102.125m	380490650	406460643	200 kN	50 kN
P6	102.125m	380490747	406460046	200 kN	50 kN
P7	102.125m	380490185	406460256	200 kN	50 kN
P8	102.125m	380491277	406471500	200 kN	50 kN
P9	102.125m	380491067	406470937	200 kN	50 kN
P10	102.125m	380490247	406468741	200 kN	10 kN
P11	102.125m	380490344	406468144	200 kN	10 kN
P12	102.125m	380489782	406468354	200 kN	10 kN
P13	102.125m	380489526	406465952	200 kN	10 kN
P14	102.125m	380488964	406466162	200 kN	10 kN
P15	102.125m	380489061	406465565	200 kN	10 kN
P16	102.125m	380487625	406461719	200 kN	10 kN
P17	102.125m	380487415	406461157	200 kN	10 kN
P18	102.125m	380487647	406472855	200 kN	50 kN
P19	102.125m	380487437	406472283	200 kN	50 kN
P20	102.125m	380486617	406470096	200 kN	10 kN
P21	102.125m	380486714	406469499	200 kN	10 kN
P22	102.125m	380486152	406469709	200 kN	10 kN
P23	102.125m	380489125	406484350	200 kN	10 kN
P24	102.125m	380489374	406483804	200 kN	10 kN
P25	102.125m	380488772	406483859	200 kN	10 kN
P26	102.125m	380485498	406473524	200 kN	10 kN
P27	102.125m	380484936	406473734	200 kN	10 kN
P28	102.125m	380485033	406473137	200 kN	10 kN
P29	102.125m	380483290	406468467	200 kN	10 kN
P30	102.125m	380483387	406467870	200 kN	10 kN
P31	102.125m	380482825	406468080	200 kN	10 kN
P32	102.125m	380481609	406463965	200 kN	50 kN
P33	102.125m	380481399	406463403	200 kN	50 kN
P34	102.125m	380483206	406486521	200 kN	10 kN
P35	102.125m	380482996	406485959	200 kN	10 kN
P36	102.125m	380482610	406486424	200 kN	10 kN
P37	102.125m	380480653	406479682	200 kN	10 kN
P38	102.125m	380480443	406479120	200 kN	10 kN
P39	102.125m	380480056	406479585	200 kN	10 kN
P40	102.125m	380479345	406475821	200 kN	10 kN
P41	102.125m	380478783	406476031	200 kN	10 kN
P42	102.125m	380478880	406475434	200 kN	10 kN
P43	102.125m	380477136	406470764	200 kN	10 kN
P44	102.125m	380477234	406470167	200 kN	10 kN
P45	102.125m	380476672	406470377	200 kN	10 kN
P46	102.125m	380475456	406466263	200 kN	50 kN
P47	102.125m	380475246	406465701	200 kN	50 kN
P48	102.125m	380476571	406488999	200 kN	50 kN
P49	102.125m	380476361	406488437	200 kN	50 kN
P50	102.125m	380474018	406482160	200 kN	10 kN
P51	102.125m	380473808	406481598	200 kN	10 kN
P52	102.125m	380472636	406478459	200 kN	10 kN
P53	102.125m	380472426	406477897	200 kN	10 kN
P54	102.125m	380470665	406473180	200 kN	10 kN
P55	102.125m	380470763	406472583	200 kN	10 kN
P56	102.125m	380470201	406472793	200 kN	10 kN
P57	102.125m	380468985	406468679	200 kN	10 kN
P58	102.125m	380468775	406468117	200 kN	10 kN
P59	102.125m	380470243	406491361	200 kN	50 kN
P60	102.125m	380470630	406490897	200 kN	50 kN
P61	102.125m	380470033	406490799	200 kN	50 kN
P62	102.125m	380468021	406484305	200 kN	10 kN
P63	102.125m	380467476	406484056	200 kN	10 kN
P64	102.125m	380466697	406480677	200 kN	10 kN
P65	102.125m	380466487	406480115	200 kN	10 kN
P66	102.125m	380464726	406475398	200 kN	10 kN
P67	102.125m	380464823	406474801	200 kN	10 kN
P68	102.125m	380464261	406475011	200 kN	10 kN
P69	102.125m	380463045	406470896	200 kN	10 kN
P70	102.125m	380462835	406470334	200 kN	10 kN
P71	102.125m	380461771	406474473	200 kN	10 kN
P72	102.125m	380462157	406474008	200 kN	10 kN
P73	102.125m	380461561	406473911	200 kN	10 kN
P74	102.125m	380460918	406471690	200 kN	10 kN
P75	102.125m	380460709	406471128	200 kN	10 kN
P76	102.125m	380460877	406482756	200 kN	10 kN
P77	102.125m	380461126	406482210	200 kN	10 kN
P78	102.125m	380460235	406479572	200 kN	50 kN
P79	102.125m	380459673	406479782	200 kN	50 kN
P80	102.125m	380459294	406477052	200 kN	50 kN
P81	102.125m	380458732	406477262	200 kN	50 kN
P82	102.125m	380458647	406475319	200 kN	10 kN
P83	102.125m	380458085	406475529	200 kN	10 kN
P84	102.125m	380457623	406472827	200 kN	10 kN
P85	102.125m	380457077	406472578	200 kN	10 kN



status PRELIMINARY

This drawing is © Bradshaw Gass & Hope LLP and is not to be copied, reproduced or re-distributed either in whole or in part without the prior written permission of the originator.

The originator shall have no responsibility for any liability, loss, cost, damage or expense arising from or relating to any use of this document other than for its intended purpose on this project.

This drawing shall be read in conjunction with all other relevant drawings, specifications and associated documentation. Any discrepancies, errors or omissions are to be reported to the originator before proceeding with work.

All dimensions are to be checked on site by the contractor prior to proceeding with any work.

Hazard Identification			
ref	hazard	date	

NOTES - PILES

DO NOT SCALE FROM THIS DRAWING. ANY DIMENSIONAL DISCREPANCIES TO BE REPORTED TO THE ENGINEERS

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS

ALL EXCAVATION WORK TO BE CARRIED OUT IN ACCORDANCE WITH BS8000.1:1989 CODE OF PRACTICE FOR EXCAVATION AND FILLING.

PILE LOADS SHOWN ARE IMPOSED FROM THE STRUCTURE AND GROUND BEAMS AND DO NOT INCLUDE FOR ANY LOADS IMPOSED BY THE OVERBURDEN FRICTION ON THE PILES

PILE DESIGN, INSTALLATION AND TESTING IS TO COMPLY WITH THE CURRENT EDITION OF THE SPECIFICATION FOR PILING AND EMBEDDED RETAINING WALLS

PILE DESIGN IS BY THE PILING CONTRACTOR TO THE LOADS SHOWN. PILE INTEGRITY AND DYNAMIC TESTING IS AS LAID OUT IN THE SPECIFICATION

TOPS OF ALL GROUND BEAMS TO BE LEVEL UNLESS NOTED OTHERWISE

CONTRACTOR TO ALLOW FOR PROVIDING CRUSHER RUN PILING MAT ON A GEOMEMBRANE

PILES TO BE GRUBBED DOWN USING SPECIALIST EQUIPMENT. METHOD TO BE REVIEWED BY THE ENGINEERS PRIOR TO COMMENCEMENT

THE CONTRACTOR SHALL ENSURE THE STABILITY OF THE STRUCTURE & ANY ADJOINING STRUCTURES IS MAINTAINED AT ALL STAGES DURING CONSTRUCTION. THE CONTRACTOR SHALL DESIGN, INSTALL & MAINTAIN ANY NECESSARY TEMPORARY WORKS. THE PILING METHOD SHOULD TAKE DUE CONSIDERATION OF THE STABILITY AND OCCUPATION OF ADJOINING STRUCTURES.

FOR GROUND INVESTIGATION REFER TO REPORT

P1	STAGE 4 DRAWING ISSUE	DMC	25.09.23
ref	revision	by	date

B

G

&

H

Architects
Consulting Engineers
Quantity Surveyors

21 Silvenwell Street
Bolton
BL1 1PR
t: 01204 525321
email@bghbolton.co.uk
www.bghbolton.co.uk

Bradshaw Gass & Hope LLP

client	ISG CONSTRUCTION		
project	WHITEFIELD FIRE STATION		
drawing	PLAN ON PILING LAYOUT		
drawn by	DMC	date	SEPT 2023
checked by		date	
scale	As indicated @		A1
dwg no	WFSBGH-01-GF-DR-S-0101		rev
			P1