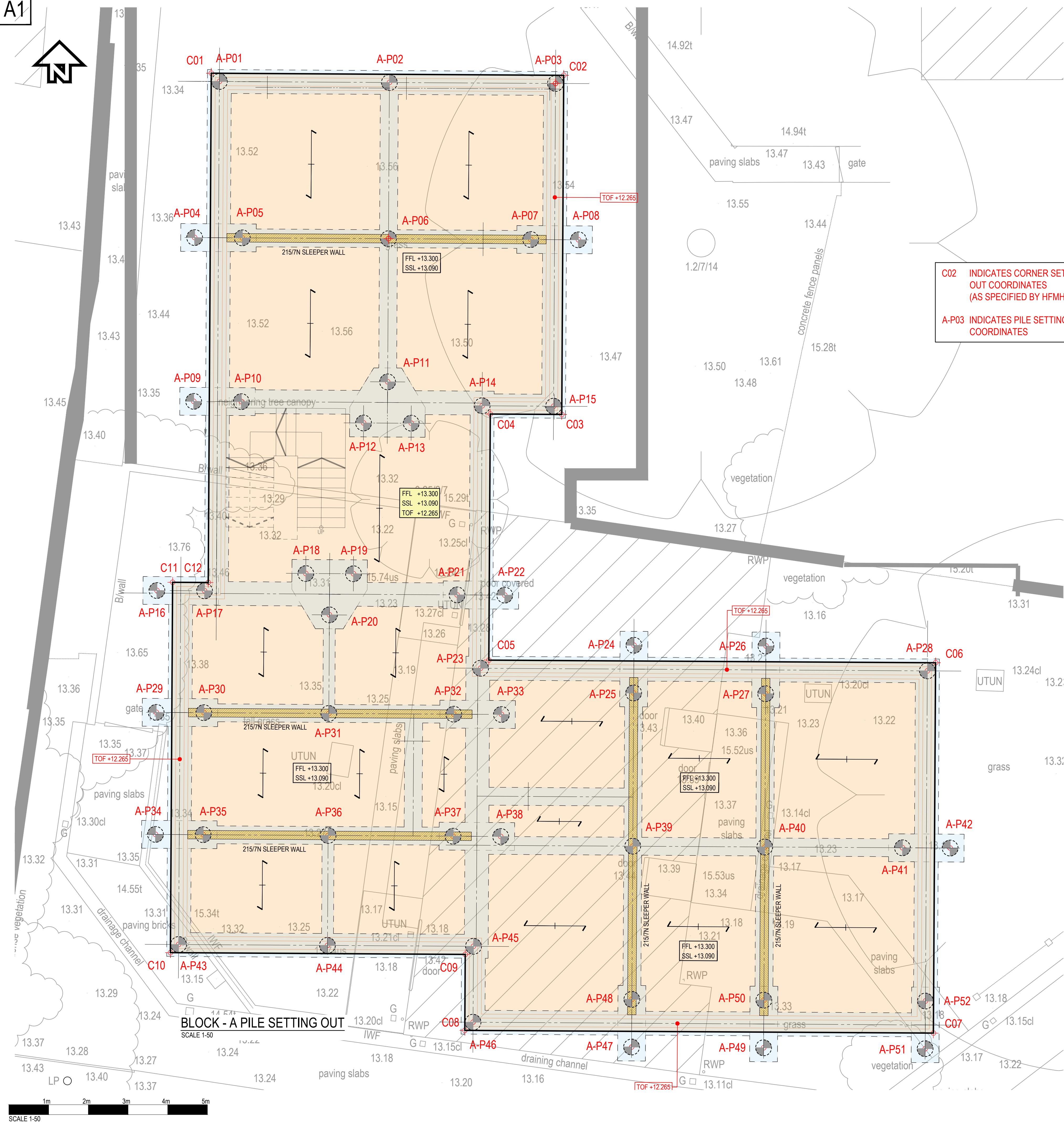
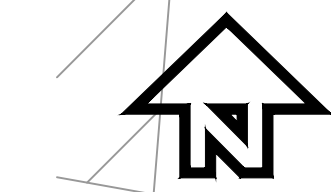


A1



C02 INDICATES CORNER SETTING OUT COORDINATES (AS SPECIFIED BY HFMHK)

A-P03 INDICATES PILE SETTING OUT COORDINATES

BLOCK-A SETTING OUT

#	NORTHING	EASTING
A-P01	533021.434	189041.319
A-P02	533025.715	189041.294
A-P03	533029.898	189041.269
A-P04	533020.81	189037.389
A-P05	533022.01	189037.382
A-P06	533025.692	189037.36
A-P07	533029.275	189037.339
A-P08	533030.475	189037.332
A-P09	533020.786	189033.264
A-P10	533021.986	189033.257
A-P11	533025.67	189033.755
A-P12	533025.064	189032.719
A-P13	533026.264	189032.715
A-P14	533028.051	189033.153
A-P15	533029.851	189033.142
A-P16	533019.86	189028.501
A-P17	533021.06	189028.494
A-P18	533023.61	189028.927
A-P19	533024.81	189028.923
A-P20	533024.204	189027.887
A-P21	533027.42	189028.39
A-P22	533028.62	189028.383
A-P23	533028.012	189026.543
A-P24	533031.874	189027.121
A-P25	533031.867	189025.921
A-P26	533035.199	189027.101
A-P27	533035.192	189025.902
A-P28	533039.264	189026.477
A-P29	533019.841	189025.432
A-P30	533021.041	189025.425
A-P31	533024.189	189025.405
A-P32	533027.336	189025.386
A-P33	533028.536	189025.379
A-P34	533019.823	189022.359
A-P35	533021.023	189022.352
A-P36	533024.171	189022.331
A-P37	533027.318	189022.313
A-P38	533028.518	189022.306
A-P39	533031.844	189022.062
A-P40	533035.169	189022.042
A-P41	533038.638	189022.022
A-P42	533039.838	189022.015
A-P43	533020.406	189019.586
A-P44	533024.155	189019.563
A-P45	533027.833	189019.541
A-P46	533027.822	189017.628
A-P47	533031.814	189017.004
A-P48	533031.822	189018.204
A-P49	533035.139	189016.985
A-P50	533035.146	189018.185
A-P51	533039.208	189016.962
A-P52	533039.215	189018.162
C01	533021.229	189041.527
C02	533030.106	189041.474
C03	533030.056	189032.935
C04	533028.256	189032.945
C05	533028.219	189026.748
C06	533039.472	189026.682
C07	533039.417	189017.354
C08	533027.614	189017.424
C09	533027.626	189019.336
C10	533020.201	189019.38
C11	533020.256	189028.707
C12	533021.153	189028.702

- CDM REGULATIONS 2015 - DESIGNER'S SIGNIFICANT RISKS
- SHORING/PROPPING TO DEEP EXCAVATIONS TO DESIGNED BY OTHERS.
 - EDGES OF EXCAVATIONS SHOULD BE PROTECTED WITH SUBSTANTIAL BARRIERS WHERE PEOPLE ARE LIABLE TO FALL INTO THEM.
 - UNKNOWN EXISTING SERVICES.
 - TEMPORARY PROPPING UNTIL ALL STEEL or LINTELS ARE FULLY SECURED, BOLTED AND/OR DRY PACKED.

- Notes:
- PILING NOTES**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS & SPECIFICATIONS.
 - DIMENSIONS MUST NOT BE SCALED FROM THIS DRAWING. ALL DIMENSIONS ARE TO BE CHECKED AGAINST LATEST SITE LAYOUT PRIOR TO PILING. ANY ANOMALIES TO BE RAISED IMMEDIATELY WITH THE ENGINEER.
 - THE PILING DESIGN AND INSTALLATION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PILES TO BE DESIGNED AND INSTALLED TO SUIT THE SAFE WORKING LOADS GIVEN ON THE LAYOUTS. PILING DESIGN IS TO INCORPORATE A SAFETY FACTOR OF 1.0. IF A LOWER FACTOR OF SAFETY IS PROPOSED BY THE PILING SPECIALIST, PILE LOAD TESTING MUST BE UNDERTAKEN AT A RATE OF 1 IN EVERY 100 PILES FOR THE FIRST 300 PILES AND 1 IN EVERY 300 PILES THEREAFTER. TO JUSTIFY THE LOWER FACTOR OF SAFETY. LOAD TESTS MUST BE ACCOMPANIED WITH PROPOSALS FOR ULTIMATE LOAD TESTS AS REQUIRED FOR THE PROPOSED DESIGN. INTEGRITY TESTING IS TO BE CARRIED OUT ON ALL CFA PILES.
 - ALL PILE LOADS SHOWN ARE IN KILONEWTONS (kN) AND ARE UNFACTORED LOADS ARE FOR THE SUPPORT OF THE STRUCTURE ABOVE ONLY AND DO NOT INCLUDE ANY ALLOWANCE FOR SOIL CONSOLIDATION OR HEAVE. NOR FOR ANY LATERAL LOADS THAT MAY BE APPLIED. THE PILING CONTRACTOR IS TO ALLOW FOR ADDITIONAL FUTURE LOADING FROM CONSOLIDATING FILL OR HEAVE FROM CLAY SOILS AS DETERMINED BY SITE CONDITIONS. FOR TENSILE HEAVE FORCES, PILES TO BE DESIGNED WHERE REQUIRED BY SITE CONDITIONS, OVER THE TOP 3m, OR THE DEPTH OF DESICCATED MATERIAL PLUS 0.5m, WHICHEVER IS THE GREATER.
 - ALL PILING SHALL BE IN ACCORDANCE WITH THE I.C.E. MODEL PILING SPECIFICATION AND LATEST AMENDMENTS. PILING DESIGN TO BE SUBMITTED TO ENGINEER FOR COMMENT AT LEAST 14 DAYS PRIOR TO PILING WORKS BEING UNDERTAKEN.
 - ALL PILES TO BE INSTALLED WITH A MINIMUM OF 300mm OF PILE REMAINING ABOVE THE CUT-OFF LEVEL GIVEN ON THE DRAWINGS. PILES TO BE BROKEN DOWN AFTER INSTALLATION AND THE REINFORCEMENT TO BE BENT INTO GROUND BEAM OVER.
 - PILES TO BE INSTALLED TO DIMENSIONS GIVEN. CO-ORDINATES ARE GIVEN FOR ASSISTANCE ONLY AND MUST BE CHECKED AGAINST DIMENSIONS GIVEN PRIOR TO PILING. MAXIMUM TOLERANCE FOR OUT OF POSITION ± 75 mm. WHERE PILES ARE INSTALLED OUTSIDE THIS TOLERANCE, PILING CONTRACTOR TO PROPOSE AND IMPLEMENT ALL REMEDIAL WORK INCLUDING ADDITIONAL PILING IF NECESSARY AT NO EXTRA COST UNLESS AGREED OTHERWISE.
 - F.L.S. ARE GIVEN FOR GUIDANCE ONLY. ALWAYS REFER TO LATEST ROAD AND DRAINAGE LAYOUT DRAWINGS FOR APPROVED F.L.S. ADJUST TOP OF GROUND BEAM ACCORDINGLY TO SUIT IF FLOOR LEVELS VARY.
 - PILES SHALL BE EITHER CONTINUOUS FLIGHT AUGER OR BORED, AS RECOMMENDED BY THE PILING SPECIALIST. PILES TO BE DESIGNED IN ACCORDANCE WITH BS 8004 FOUNDATIONS, WITH A SAFETY FACTOR AGAINST FAILURE TO THE APPROVAL OF THE LOCAL AUTHORITY, NHBC AND THE ENGINEER.
 - THE CONTRACTOR IS TO ENSURE THAT ALL PILES FOUND IN THE SAME STRATA.
 - PILING CONCRETE SHALL BE A MINIMUM CLASS DS-2, IN ACCORDANCE WITH BRE SPECIAL DIGEST NO. 1 UNLESS NOTED OTHERWISE.
 - THE MINIMUM PILE DIAMETER IS ASSUMED TO BE 250mm, TO A MAXIMUM OF 150mm LESS THAN GROUND BEAM WIDTH. THE ENGINEER IS TO BE INFORMED IF THIS IS LIKELY TO BE EXCEEDED.
 - ALL PILES ARE TO BE CENTRAL ABOUT GRID LINES UNLESS NOTED OTHERWISE. THE ENGINEER IS TO BE INFORMED OF ANY VARIATION REQUIRED ON SITE TO ALLOW FOR REVISION OF THE PILE LAYOUT.
 - ANY EXISTING PILES EXPOSED ON SITE WHICH ARE LOCATED WITHIN 300mm PILE DIAMETERS OR 2.0m (WHICHEVER IS THE GREATER, CALCULATED USING THE LARGEST PILE) OF ANY NEW PILE, ARE TO BE REPORTED TO THE ENGINEER PRIOR TO WORK COMMENCING ON SITE.
 - ANY EXISTING PILES LOCATED WITHIN THE BOUNDARY OF THE SITE/PILOT ARE TO BE CUT DOWN TO A MINIMUM 300mm BELOW THE UNDERSIDE OF ANY NEW GROUND BEAMS. EXISTING PILES LOCATED WITHIN THE PERIMETER OF ANY GROUND BEAM LAYOUT ARE TO BE CUT DOWN SIMILARLY AND CAPPED WITH A MINIMUM 300mm OF COMPRESSIBLE MATERIAL PRIOR TO COSSING OF THE GROUND BEAMS.
 - A FULL LOG OF THE PILING WORKS IN ACCORDANCE WITH THE REQUIREMENTS OF THE I.C.E. MODEL PILING WORKS SHALL BE MADE AND COPIES DISTRIBUTED AT THE END OF EACH WORKING WEEK TO THE LOCAL AUTHORITY, NHBC, THE ENGINEER AND THE CLIENT.
 - (REFER TO ENGINEER'S GROUND BEAM NOTES ON REINFORCEMENT DRAWINGS).

A	INITIAL PRELIMINARY ISSUE	TGH	SMB	26.07.24
Rev	Description	Dm	Chk	Date

BdR

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Client

SBC
SELSDON
Building Contractors
LIMITED

Project
**BRUNEL WALK
BLOCK A**

Drawing
PILE COORDINATE SETTING OUT

FOR CONSTRUCTION

Scale @ A1 AS SHOWN	Date 22.02.24	Drawn by TGH	Checked SMB
BdR Project & Drawing No. 24-0008 S011			Rev A
DRAWING No.(PROJECT - ORIGINATOR - ZONE - LEVEL - TYPE - DISCIPLINE - NUMBER) 0053-BdR-B1-FN-DR-S-2011			