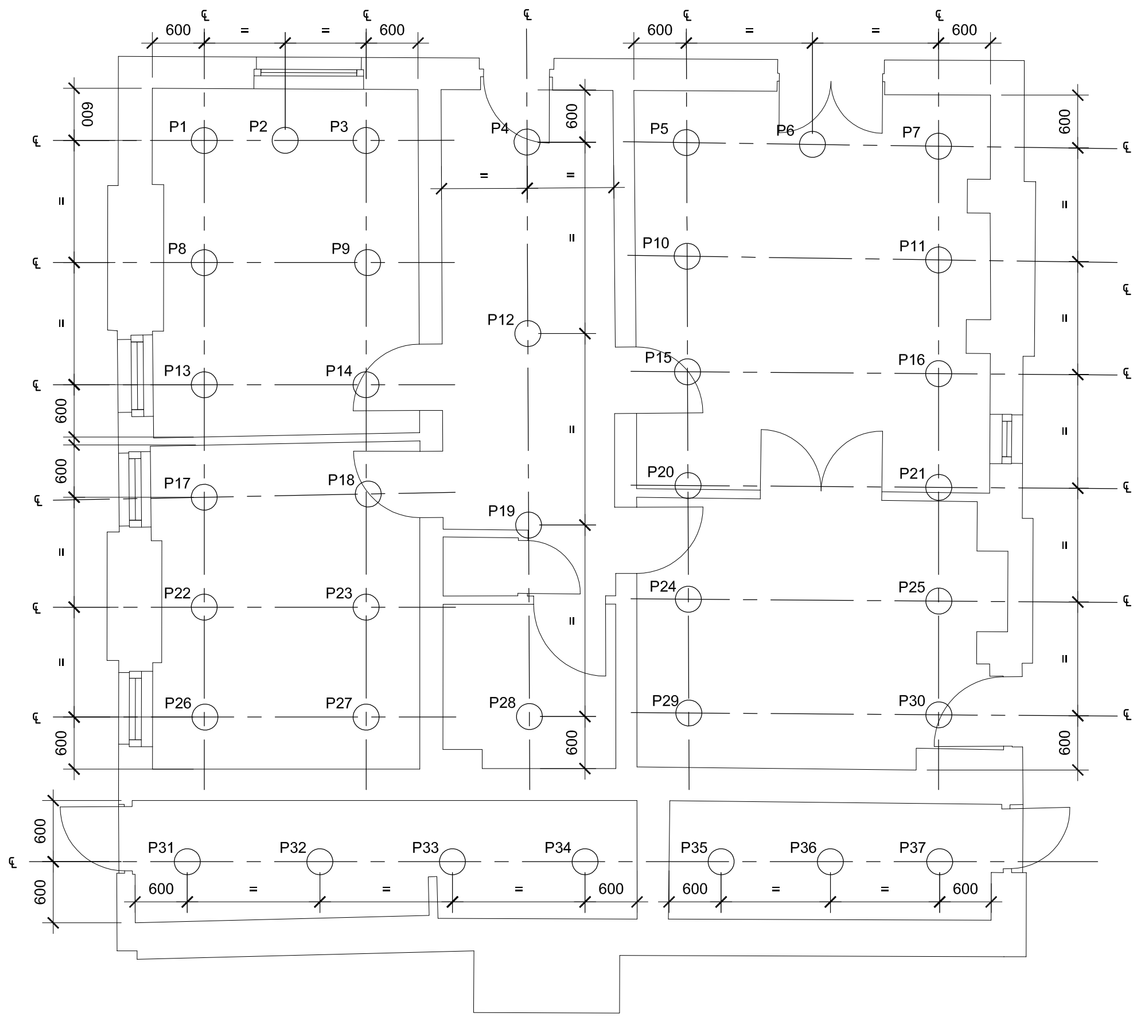
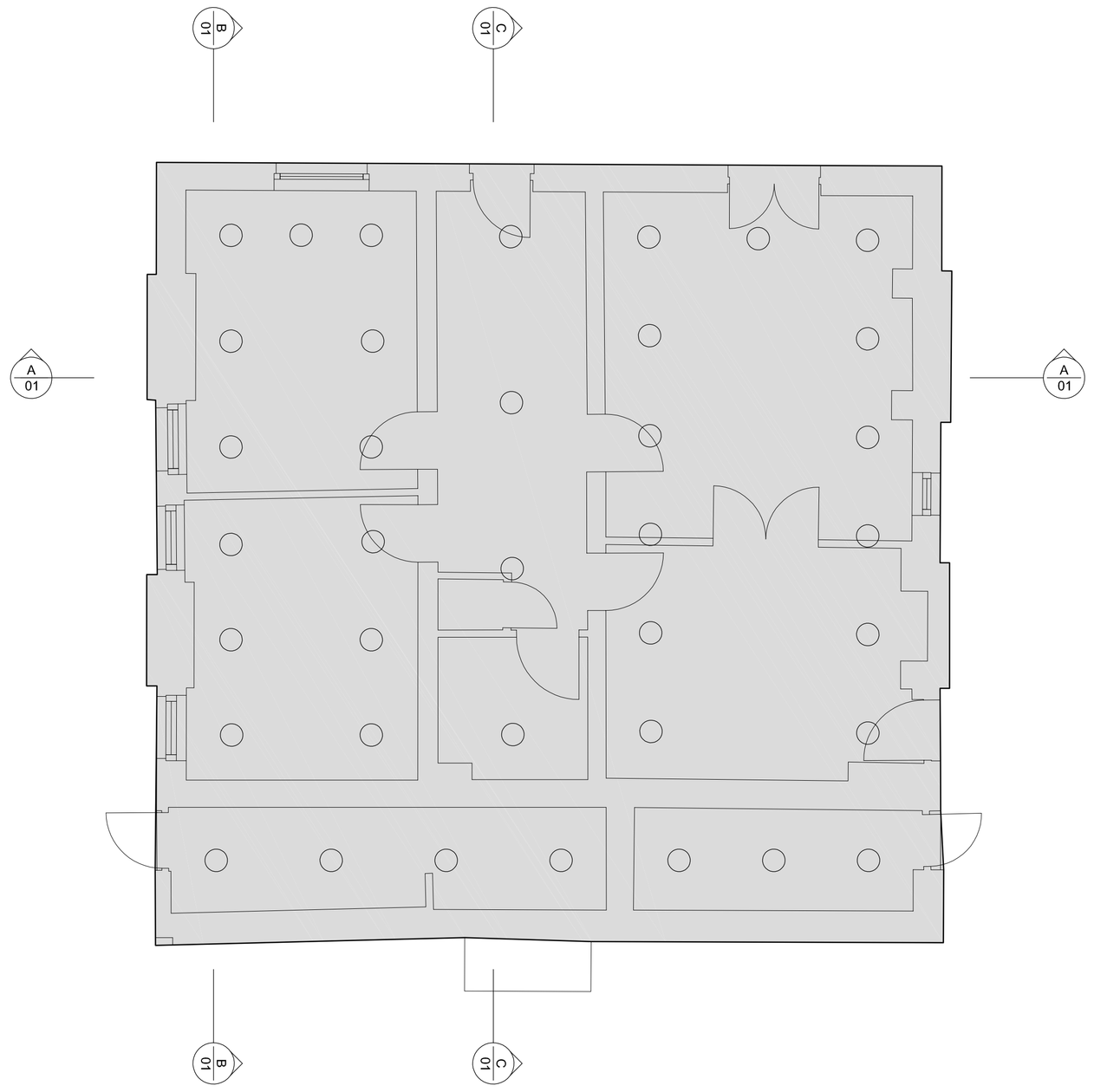
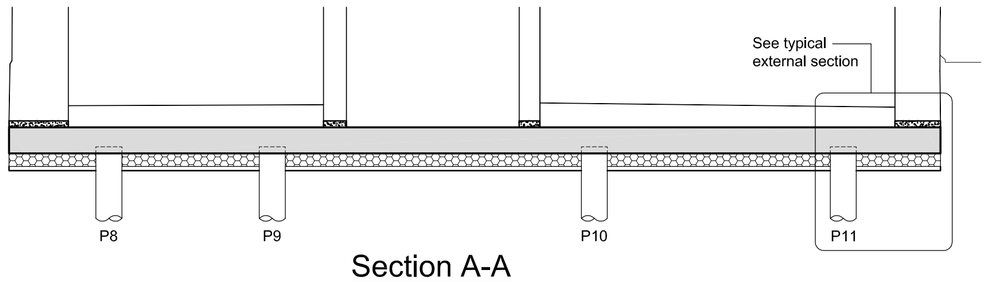
DEMOLISH EXISTING STEPS AND DISPOSE OF RISINGS, REPLACEMENT STEEL STAIR SPECIFIED ELSEWHERE.

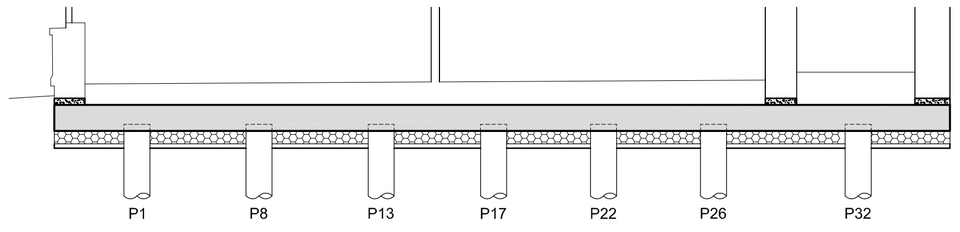






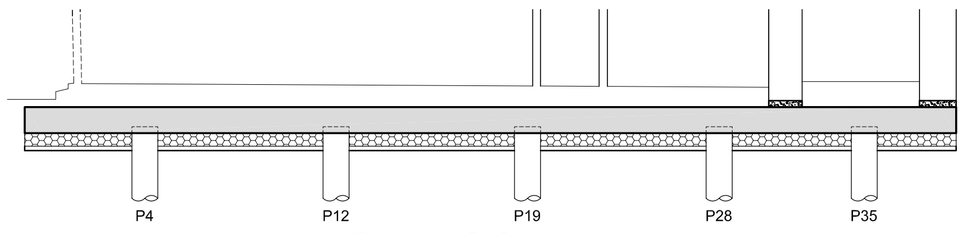
Section A-A

1:50



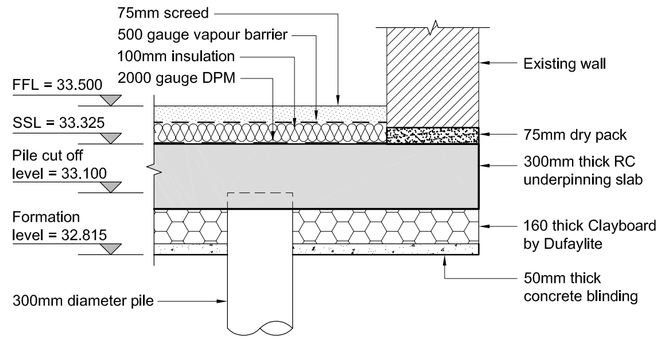
Section B-B

1:50



Section C-C

1:50



Typical External Wall Section

1:20

PILE No	AXIAL LOAD (kN)	CUT OFF LEVEL (m)	DESIGN LENGTH (m)	ACTUAL LENGTH (m)
P1	210	33.100		
P2	200	33.100		
P3	200	33.100		
P4	180	33.100		
P5	200	33.100		
P6	180	33.100		
P7	210	33.100		
P8	210	33.100		
P9	200	33.100		
P10	200	33.100		
P11	210	33.100		
P12	180	33.100		
P13	200	33.100		
P14	190	33.100		
P15	190	33.100		
P16	200	33.100		
P17	200	33.100		
P18	190	33.100		
P19	190	33.100		
P20	200	33.100		
P21	180	33.100		
P22	210	33.100		
P23	200	33.100		
P24	200	33.100		
P25	210	33.100		
P26	190	33.100		
P27	180	33.100		
P28	160	33.100		
P29	140	33.100		
P30	130	33.100		
P31	130	33.100		
P32	130	33.100		
P33	130	33.100		
P34	130	33.100		
P35	130	33.100		
P36	130	33.100		
P37	130	33.100		
P38	130	33.100		

General Notes

1. All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of sub-contractors.
2. Report any discrepancies to the Contract Administrator at once.
3. This drawing is to be read with all relevant Architect's and Engineer's drawings and other relevant information.
4. Dimensions and level datum are based on EDI Surveys Ltd drawing number 13274/T/01-01 dated December 2012.

Piled Foundation Notes

1. Pile loads shown are unfactored in Kilonewtons (kN). Piles shall be designed by the pilling specialist with factor of safety of 3.0 for skin friction and 2.0 for end bearing using recognised empirical formula and to the satisfaction of the checking authority.
2. Maximum pile diameter to be 300mm unless noted otherwise.
3. Bottoms of all foundation excavations shall be trimmed, levelled and protected from inclement weather.
4. Bottoms of excavations to receive reinforced concrete, shall be blinded with not less than 50mm of designated concrete GEN1 to BS8500-1:2005 and 160mm thick Clayboard as shown on this drawing.
5. Foundation excavations and the surrounding site shall be kept free of water.
6. The contractor is responsible and liable for ensuring the stability of the works and services at all stages of construction. Unless shown on the project drawings, we have no knowledge of existing underground services or obstructions.
7. Reinforced concrete shall be compacted by means of a mechanical vibrating poker and the workability shall be such that, when compacted, a dense concrete, free from voids shall be produced.
8. Construction joints shall be formed against a vertical grout tight shutter and shall be located at approx. 1/3 points along each elevation, and a minimum of 300mm from any pile face.
9. Pile reinforcement to be turned into reinforcement cages and lapped with top reinforcement.
10. The type and grade of steel reinforcement shall be designated as follows:

Type of steel reinforcement	Notation
Grade B500A, B500B or B500C confirming to BS 4449:2005	H
Grade B500A conforming to BS 4449:2005	A
Grade B500B or Grade B500C conforming to BS 4449:2005	B
Grade B500C conforming to BS 4449:2005	C
A specified grade and type of ribbed stainless steel conforming to BS 6744:2001	S

11. Concrete grade in accordance with BS8500-1:2005 as follows:

Location	Designated concrete	Max. size of agg.	Consistence Class
Blinding	GEN 1	20	S3
Foundations	RC40	20	S3

12. Any unexpected site conditions are to be reported to the Engineer immediately so that the design can be reviewed and altered if necessary.
13. Piles have been designed on a maximum deviation position of 75mm. Any piles out of position greater than 75mm to be reported to the Engineer immediately.
14. All piles to be 100% integrity tested. Provide one static load test to 1.5 x working pile load. Test pile to be nominated upon receipt of daily piling logs, by Engineer. Piling Contractor to include for the construction of all anchor piles for the static load test.

Underpinning Notes

1. No more than one third of any wall is to be underpinned at any one time. A mimimum period of 24 hours is to pass between the casting of one section and the excavation of the following section.
2. Refer to reinforcement drawing LD15006 for guidance on where to locate joints based on reinforcement bar lengths running parallel with the walls.
3. The Contractor is responsible for the stability of the works at all times, including temporary support of structural walls using stools.

Rev	Details	Drn

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Client:
LONDON BOROUGH OF CAMDEN

Project Address:
1 GREVILLE PLACE, LONDON

Description:
OPTION 2 PILED RAFT UNDERPINNING
PILE LAYOUT AND GA

Architect / Contractor:

Drawn:	Date:	Scales:	
K Jones	April 2015	1:50 & 1:20	
Designed: M L Smith	Job No: LD15006	Sheet No: 03	Rev:
Checked:			

APPROVAL ☐ INFORMATION ☐ TENDER ☐ CONTRACT ☐ CONSTRUCTION ☐