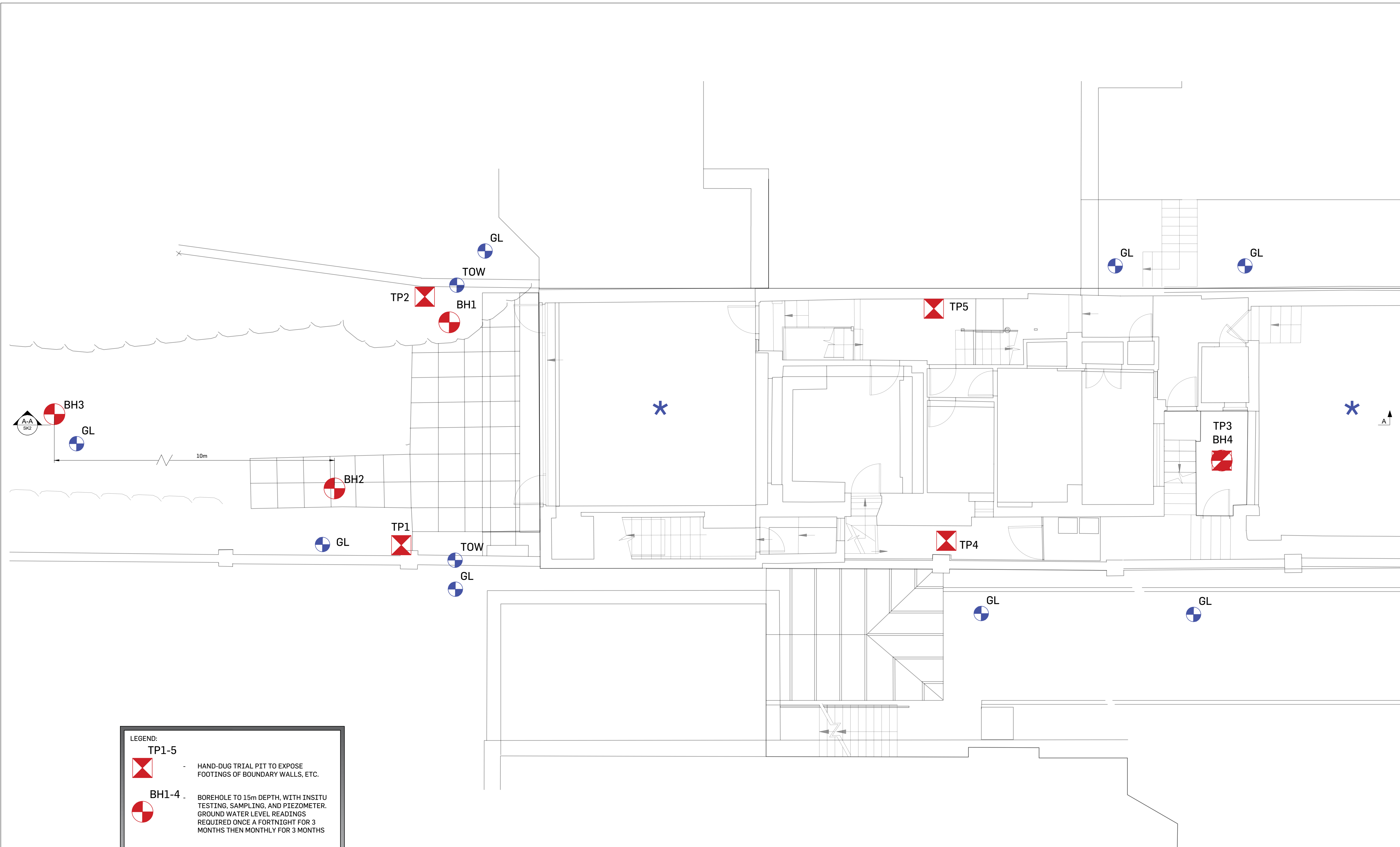


## Appendix E

### Site Investigation GA Plan and Schematic Section



**LEGEND:**

- TP1-5** - HAND-DUG TRIAL PIT TO EXPOSE FOOTINGS OF BOUNDARY WALLS, ETC.
- BH1-4** - BOREHOLE TO 15m DEPTH, WITH INSITU TESTING, SAMPLING, AND PIEZOMETER. GROUND WATER LEVEL READINGS REQUIRED ONCE A FORTNIGHT FOR 3 MONTHS THEN MONTHLY FOR 3 MONTHS
- GL/TOW** - SPOT LEVELS TO BE SURVEYED (BY OTHERS)
- \*** - RECORD DRAWINGS TO BE REVIEWED BY ELITE DESIGNERS

**SITE INVESTIGATION- LOWER GROUND FLOOR PLAN**  
SCALE 1:50

- Notes:**
- This drawing is to be read in conjunction with all relevant architects, engineers & specialist sub-contractors drawings and the specification.
  - Any discrepancies between the site conditions and these drawings to be reported to Elite Designers. Dimensions must not be scaled and should be checked on site.
  - All dimensions are in millimetres, levels are in metres a.o.d. (above ordnance datum).
  - Foundations have been designed on a safe increase in bearing pressure of 150kN/m<sup>2</sup> bearing 200mm into sandy gravel strata.
  - All new steelwork to be grade S355 and be supplied to site blast cleaned to Swedish standard SA2.3 painted with high build zinc phosphate alkyl primer to 80 microns after fabrication. Any mechanical damage to coating to be touched up on site in accordance with the specification.
  - All new steel beams to have a minimum of 100mm bearing either end.
  - Lengths of all members are to be verified on site by the Contractor.
  - Catnic type lintels to have a minimum bearing of 150mm either end.
  - All temporary works to ensure the structural stability of all elements in the temporary state during construction are to be the responsibility of the contractor.
  - Cover to reinforcement to be 25mm to all bars unless noted otherwise.
  - Checking the location of the existing services in relation to the elements of the new construction works is the responsibility of the principal contractor. Any discrepancy between the existing services and the new construction works should be reported to Elite Designers before the commencement of the works.
  - The principal contractor is to provide all necessary flexible sleeves or lintels where drainage pipes pass through walls or foundations.
  - The principal contractor is to ensure that at all times the excavations shall remain free from standing water.
  - Movement joints to be positioned @ 6m c/c in blockwork and @ 12m c/c in brickwork.
  - Movement joints to be 15mm hydrocell or similar joint filler with a 15x15mm two part polysulphate sealant. (colour and fire resistance of sealant to be advised by architect).
  - All load bearing blockwork below DPC to be 7N/mm<sup>2</sup> dense concrete block.
  - Provide Ancon ST1 wall ties in accordance with DD140 @ 450 c/c vertically and @ 900 c/c horizontally, staggered u.n.c.
  - All bolts to be Grade 8.8 M20 unless noted otherwise.
  - All insulation details have been produced to comply with relevant regulations where possible. However, the responsibility for checking the compliance and execution of insulation details lies with the main contractor.
  - Floor joists spanning in excess of 2.5m should be strutted by one or more rows of solid or herringbone strutting as follows:  
Joists <2.5m - None required  
Joists 2.5 - 4.5m - One row required  
Joists >4.5m - Two rows required
  - All beam end reactions shown are unfactored unless noted otherwise.

**FOR PLANNING**


Rev.	Date	Description	by	ch'd	app'd
B	17/09/18	ISSUED FOR INFORMATION	OT	BH	BH
A	06/09/18	ISSUED FOR COMMENTS	OT	BH	BH

Project: **SBA REDINGTON ROAD LONDON NW3**

Title: **SITE INVESTIGATION- LOWER GROUND FLOOR PLAN**

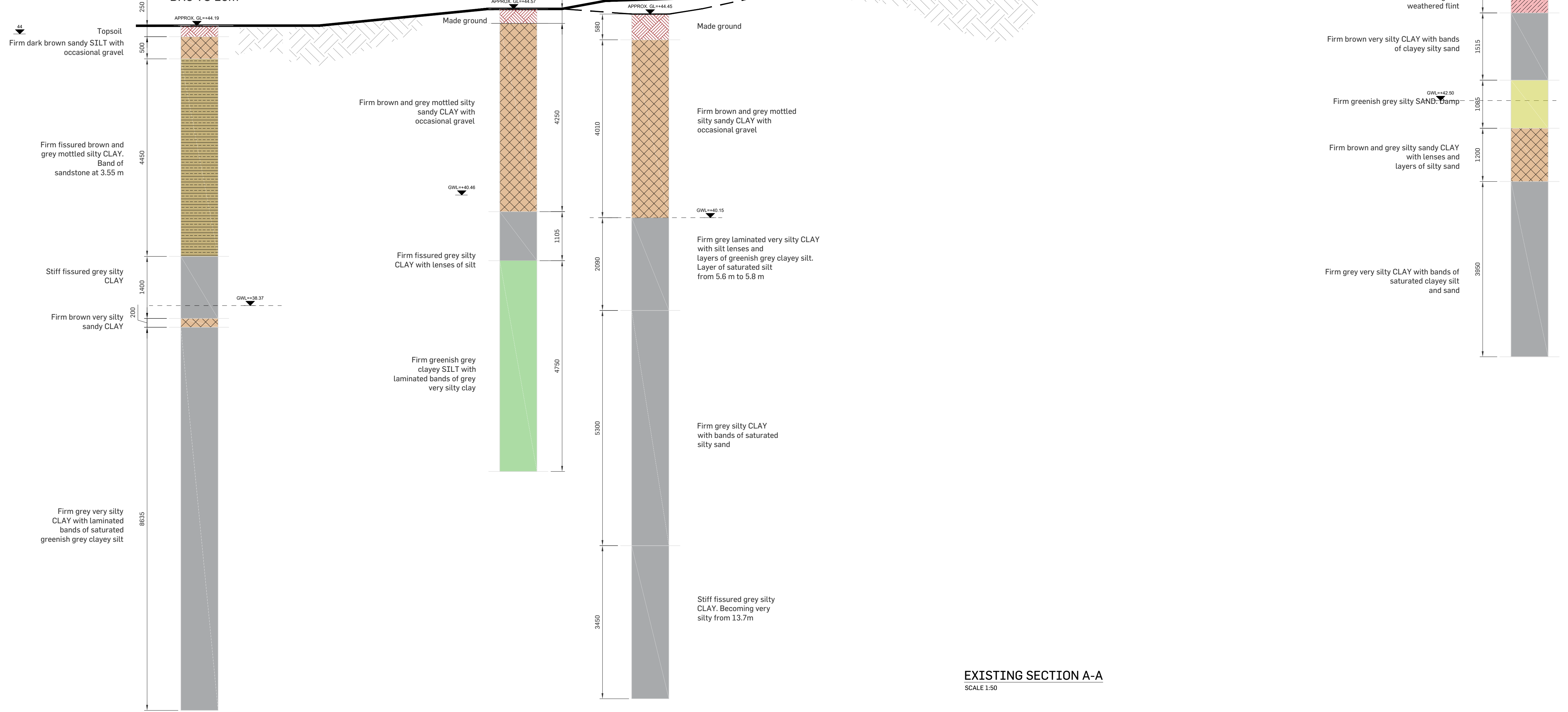
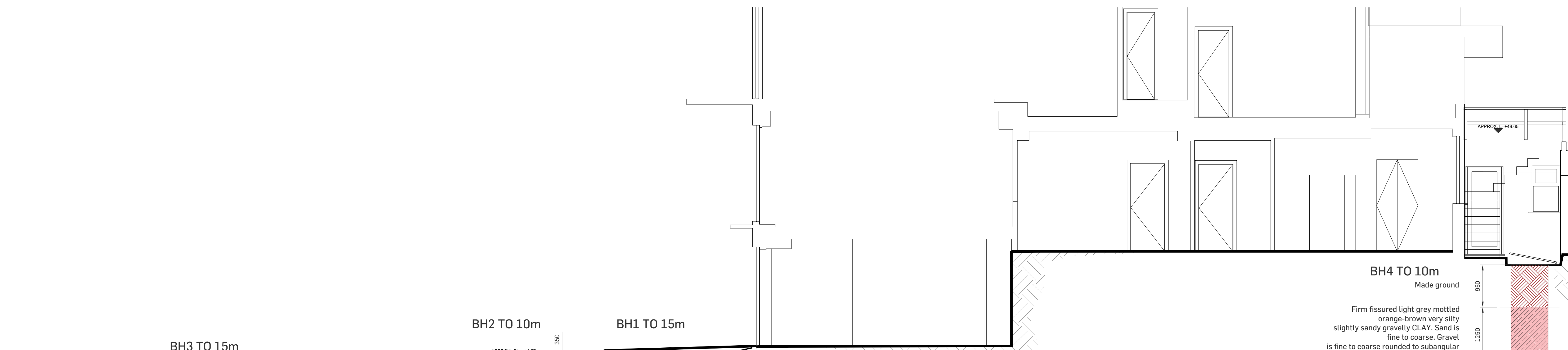
C/A: **MR DANIEL BELOV**

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Drawn	OT	06/09/2018	Dwg. No.	2018-059-SK1	Rev.	B
Chd/Eng	BH	06/09/2018				
Approved	BH	06/09/2018				





**EXISTING SECTION A-A**  
SCALE 1:50

- Notes:**
1. This drawing is to be read in conjunction with all relevant architects, engineers & specialist sub-contractors drawings and the specification.
  2. Any discrepancies between the site conditions and these drawings to be reported to Elite Designers. Dimensions must not be scaled and should be checked on site.
  3. All dimensions are in millimetres, levels are in metres a.o.d. (above ordnance datum).
  4. Foundations have been designed on a safe increase in bearing pressure of 150kN/m<sup>2</sup> bearing 200mm into sandy gravel strata.
  5. All new steelwork to be grade S355 and be supplied to site blast cleaned to Swedish standard SA2.3 painted with high build zinc phosphate alkyl primer to 80 microns after fabrication. Any mechanical damage to coating to be touched up on site in accordance with the specification.
  6. All new steel beams to have a minimum of 100mm bearing either end.
  7. Lengths of all members are to be verified on site by the Contractor.
  8. Catnic type lintels to have a minimum bearing of 150mm either end.
  9. All temporary works to ensure the structural stability of all elements in the temporary state during construction are to be the responsibility of the contractor.
  10. Cover to reinforcement to be 25mm to all bars unless noted otherwise.
  11. Checking the location of the existing services in relation to the elements of the new construction works is the responsibility of the principal contractor. Any discrepancy between the existing services and the new construction works should be reported to Elite Designers before the commencement of the works.
  12. The principal contractor is to provide all necessary flexible sleeves or lintels where drainage pipes pass through walls or foundations.
  13. The principal contractor is to ensure that at all times the excavations shall remain free from standing water.
  14. Movement joints to be positioned @ 6m c/c in blockwork and @ 12m c/c in brickwork.
  15. Movement joints to be 15mm hydrocoll or similar joint filler with a 15x15mm two part polysulphate sealant. (colour and fire resistance of sealant to be advised by architect).
  16. All load bearing blockwork below DPC to be 7N/m<sup>2</sup> dense concrete block.
  17. Provide Ancon ST1 wall ties in accordance with DD140 @ 450 c/c vertically and @ 900 c/c horizontally, staggered u.n.c.
  18. All bolts to be Grade 8.8 M20 unless noted otherwise.
  19. All insulation details have been produced to comply with relevant regulations where possible. However, the responsibility for checking the compliance and execution of insulation details lies with the main contractor.
  20. Floor joists spanning in excess of 2.5m should be strutted by one or more rows of solid or herringbone strutting as follows:  
Joists <2.5m - None required  
Joists 2.5 - 4.5m - One row required  
Joists >4.5m - Two rows required
  21. All beam end reactions shown are unfactored unless noted otherwise.

**FOR PLANNING**

Rev.	Date	Description	by	chk'd	app
B	17/09/18	ISSUED FOR INFORMATION	OT	BH	BH
A	06/09/18	ISSUED FOR COMMENTS	OT	BH	BH

Project: **SBA REDINGTON ROAD LONDON NW3**  
 Title: **EXISTING SECTION A-A**  
 C/A: **MR DANIEL BELOV**

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Scales (A1)	AS SHOWN	Dwg No.	Rev.
Drawn	OT	06/09/2018	
Chk'd/Eng	BH	06/09/2018	
Approved	BH	06/09/2018	

2018-059-SK2 B



## Appendix F

### Interpretive Site Investigation Report