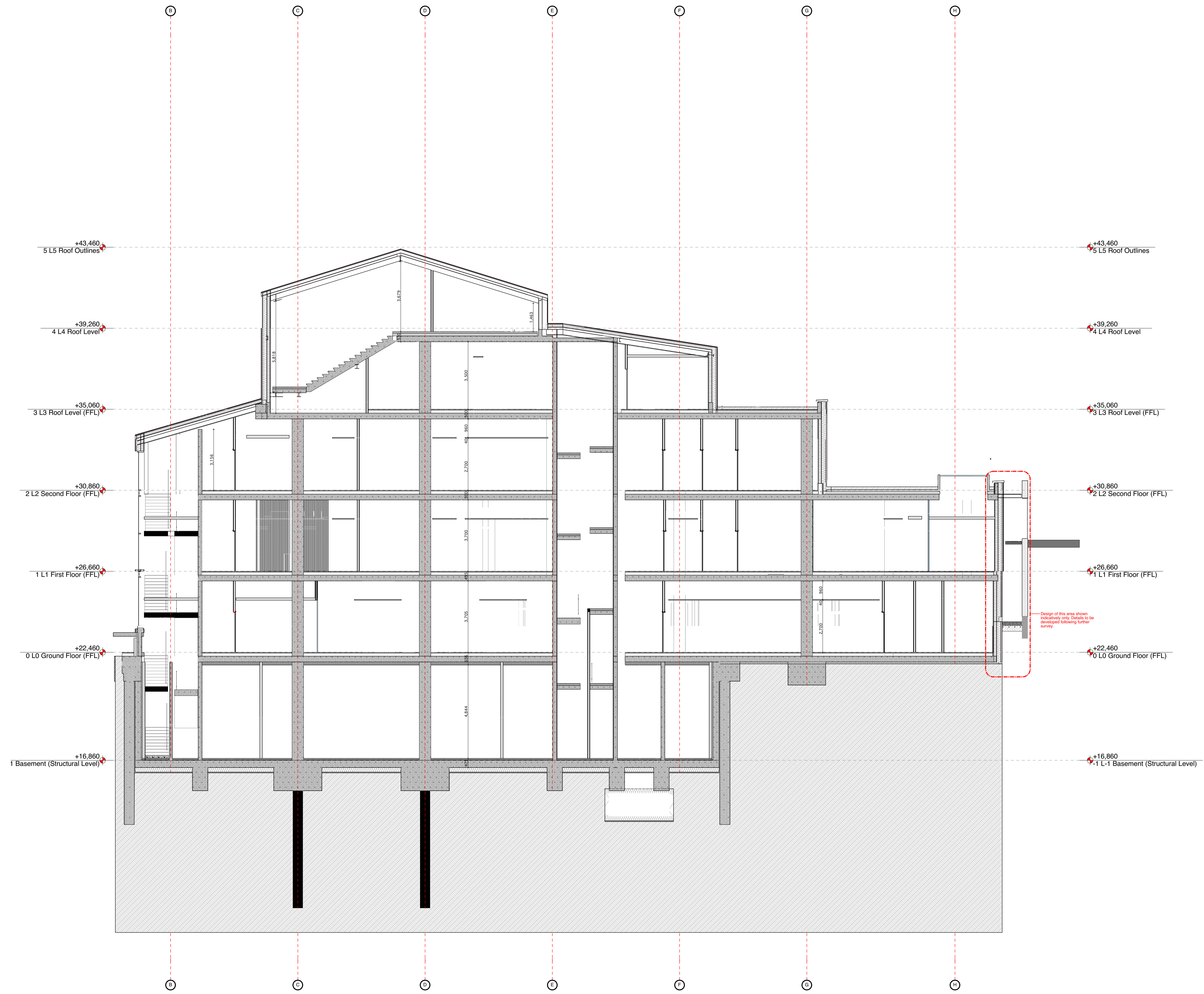


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P02	Stage 3 Issue	DM	DM	SW	21.12.2017
P01	Stage 3 Issue	SS	DM	SW	15.12.2017
Rev	Description	Dm	Chk	Apr	Date

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Client
London School of Hygiene & Tropical Medicine

Project
TP2 Tavistock Place

Document Title
General Arrangement Section Section JJ

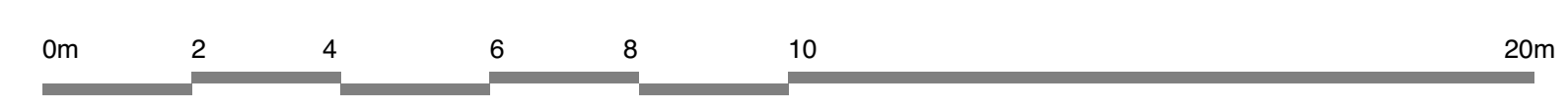
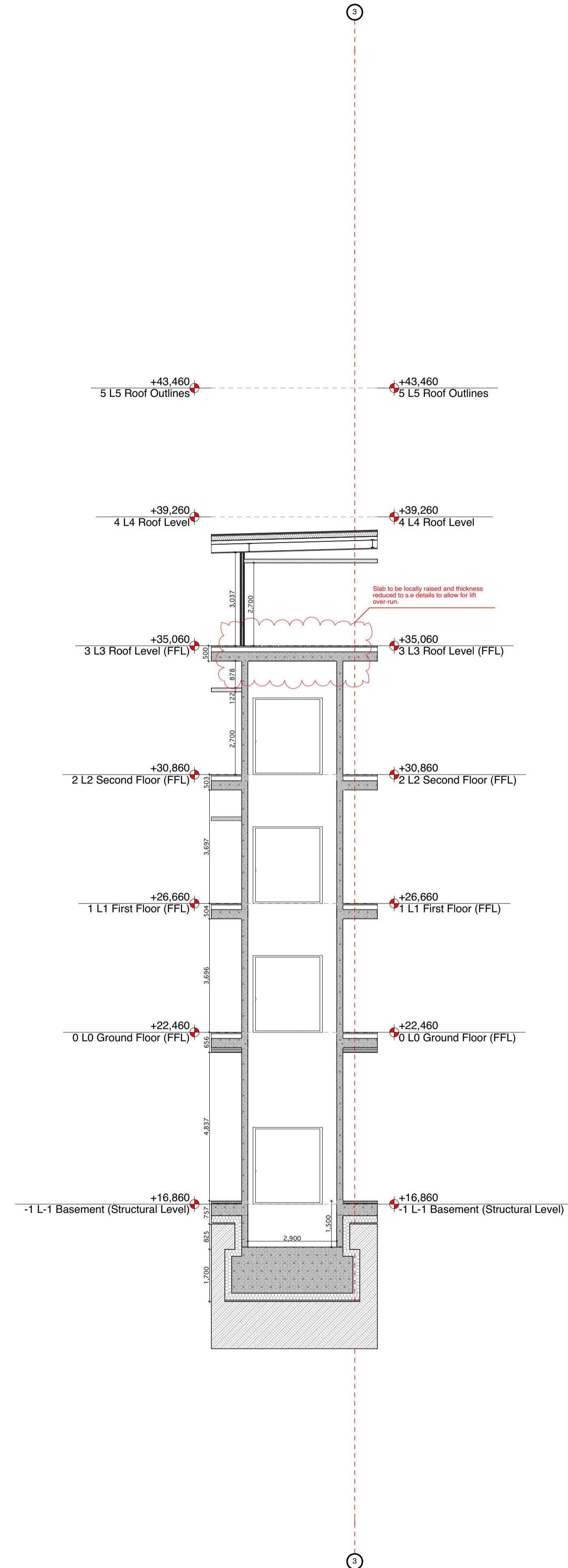
Scale(s) @A1 1:100 BMJ Project Ref: [2924/AW10]

File Name
 Project Originator Vol. Level Type Role Number
TP2 -BMJ -ZZ -ZZ DR -A-0035

Status Code Suitable for
S4 Stage Approval
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P01	Stage 3 Issue	SS	DM	SW	15.12.2017
Rev	Description	Dm	Chk	Apr	Date

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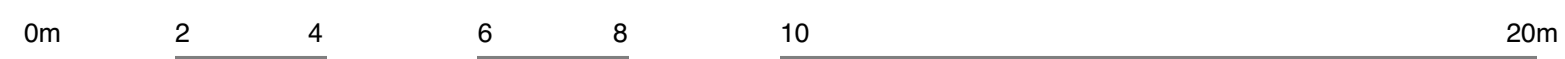
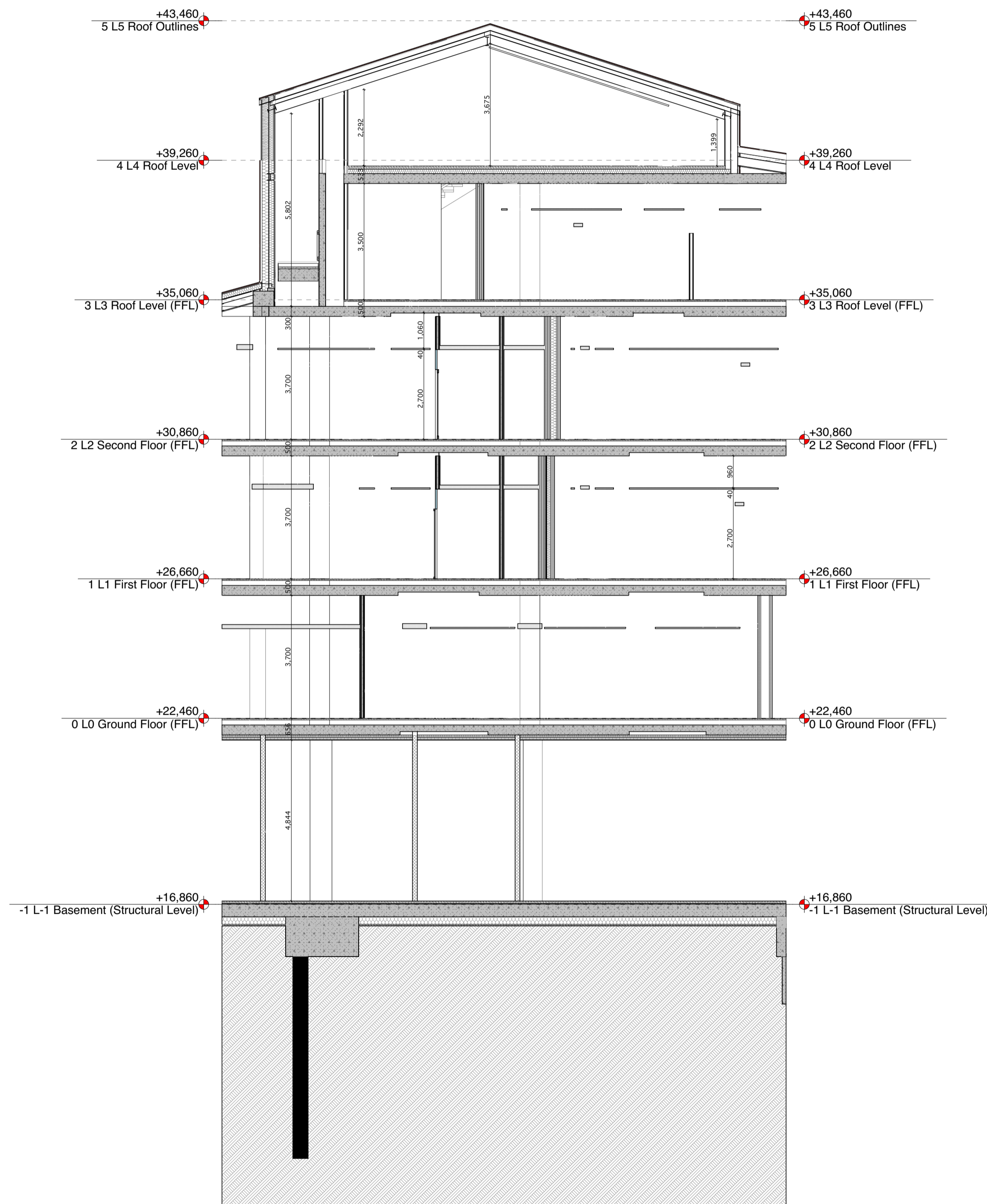
Document Title
General Arrangement Section Section KK

Scale(s) @A1 1:100 BMJ Project Ref: [2924/AW10]

File Name
 Project Originator Vol. Level Type Role Number
TP2 -BMJ -ZZ -ZZ DR -A-0036

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P02	Stage 3 Issue	DM	DM	SW	21.12.2017
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Rev	Description	Dm	Chk	Apr	Date

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Client
**London School of
 Hygiene & Tropical Medicine**

Project
**TP2
 Tavistock Place**

Document Title
**General Arrangement Section
 Section LL**

Scale(s) @A1 1:100 BMJ Project Ref: [2924/AW10]

File Name
 Project Originator Vol. Level Type Role Number
TP2 -BMJ -ZZ -ZZ DR -A-0037

Status Code Suitable for
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Martin Cooper

From: Martin Cooper
Sent: 23 February 2018 14:15
To: 'GrahamKite@campbellreith.com'
Cc: 'Tim Smith'; Steve Branch
Subject: Tavistock Place
Attachments: Vent Shaft Location.pdf

Graham

Thanks for the call just now; just for clarification we attach a copy of the Damage Category Plan with the location of the small vent shaft marked on in red. This is a very small structure, less than 3.0 m across but with a small length of bored pile wall to limit any effects beyond the boundary. On the previous scheme which comprised a deeper basement closer to Wall Nos 12 to 15 on the plan, the damage categories were Cat 0 or Cat 1. This new small section of wall, with additional stiffness provided by the short returns is considered to be of negligible consequence to the structures surrounding the site.

Kind regards

Martin



Geotechnical & Environmental Associates

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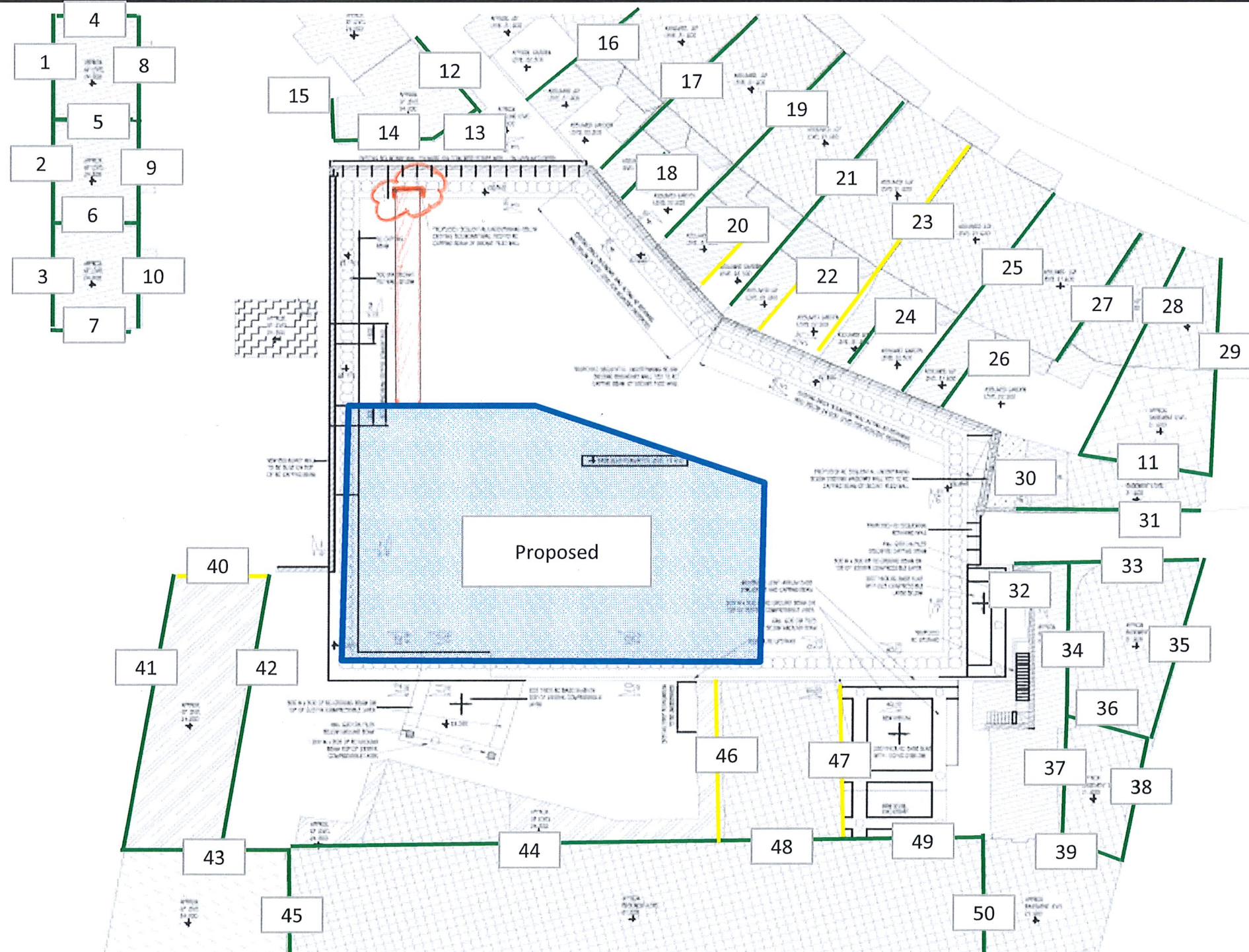
Site 15-17 Tavistock Place, London Borough of Camden, WC1H 9SH



Client University College London

Engineer Wilde Carter Clack

Job Number
J13113A

Sheet
1 / 1



 Category 1 Very Slight
 Category 0 Negligible

30 April 2018

Our ref: J13113 B/JF/02

Justin Willison
justin.willison@kier.co.uk



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Ware SG12 7QE

01727 824666
mail@gea-ltd.co.uk
www.gea-ltd.co.uk

Dear Justin

Re: LSHTM, 15-17 TAVISTOCK PLACE, LONDON

As you are aware we have carried out a desk study and ground investigation along with a ground movement assessment for the above site with regard to the proposed redevelopment to include the construction of a new four-storey building with a single level basement over the central part of the site. The basement will extend to roughly 6.0 m below the existing ground level, to be used for plant.

We are currently undertaking a programme of groundwater monitoring of our previously installed standpipes to obtain further information on seasonal fluctuations. Please find below a table of all of the groundwater monitoring results that we hold for the site, including our most recent visits from 2018.

Date	Depth to water (m)				
	BH1	BH3	BH4a	BH14	BH15
07/06/13	5.59	4.41	3.11	Not installed	Not installed
16/07/13	2.84	4.31	2.60	Not installed	Not installed
18/11/15	Not accessible	4.12	1.70	Not installed	Not installed
26/01/18	3.07	4.48	1.79	Not installed	Not installed
06/02/18	2.72	4.24	2.16	Not installed	Not installed
27/03/18	2.78	4.25	2.48	4.64	2.87
23/04/18	4.20	2.68	2.40	4.10	2.90

We propose to continue groundwater monitoring during and after construction of the basement. We understand that demolition will take place early in 2019 and we will continue to monitor at monthly intervals. When the retaining walls are being installed we will increase the monitoring visits to fortnightly and will continue for two months after the basement has been excavated. After this time we will carry out a review of the findings to determine whether monitoring needs to be continued.

During construction, at least two of the five standpipes will no longer be in service as the pipes fall within the footprint of the development. However, we have requested that the contractor protects the standpipes that will fall outside of the basement footprint for the duration of the project.

We will be reporting our groundwater readings at quarterly intervals by email. If there is a significant change in groundwater levels over the period of monitoring we will produce a letter report.

Yours sincerely
GEOTECHNICAL & ENVIRONMENTAL ASSOCIATES

Juliet Fuller

Geotechnical & Environmental Associates
(GEA) is an engineer-led and client-focused independent specialist providing a complete range of geotechnical and contaminated land investigation, analytical and consultancy services to the property and construction industries.

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