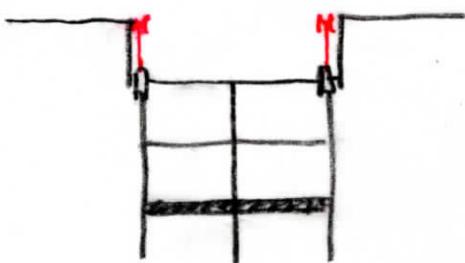
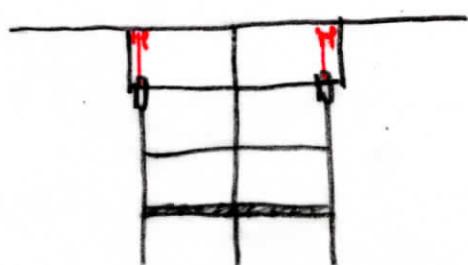


17

18



REMOVE B1 PROPS

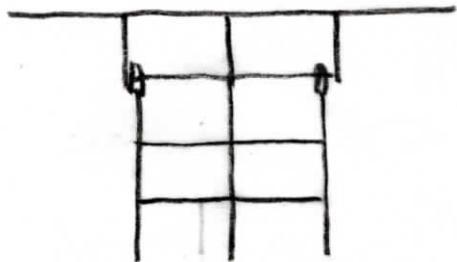


CAST GROUND FLOOR SLAB

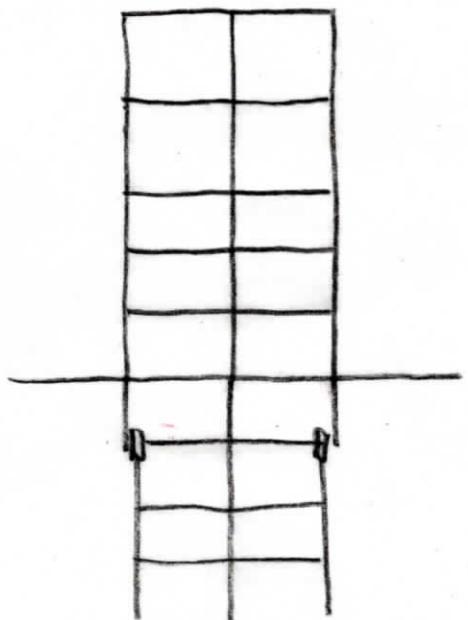
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19

20



REMOVE KING POSTS AND  
WALING BEAMS



BUILD NEW SUPERSTRUCTURE

# **Appendix H.3**

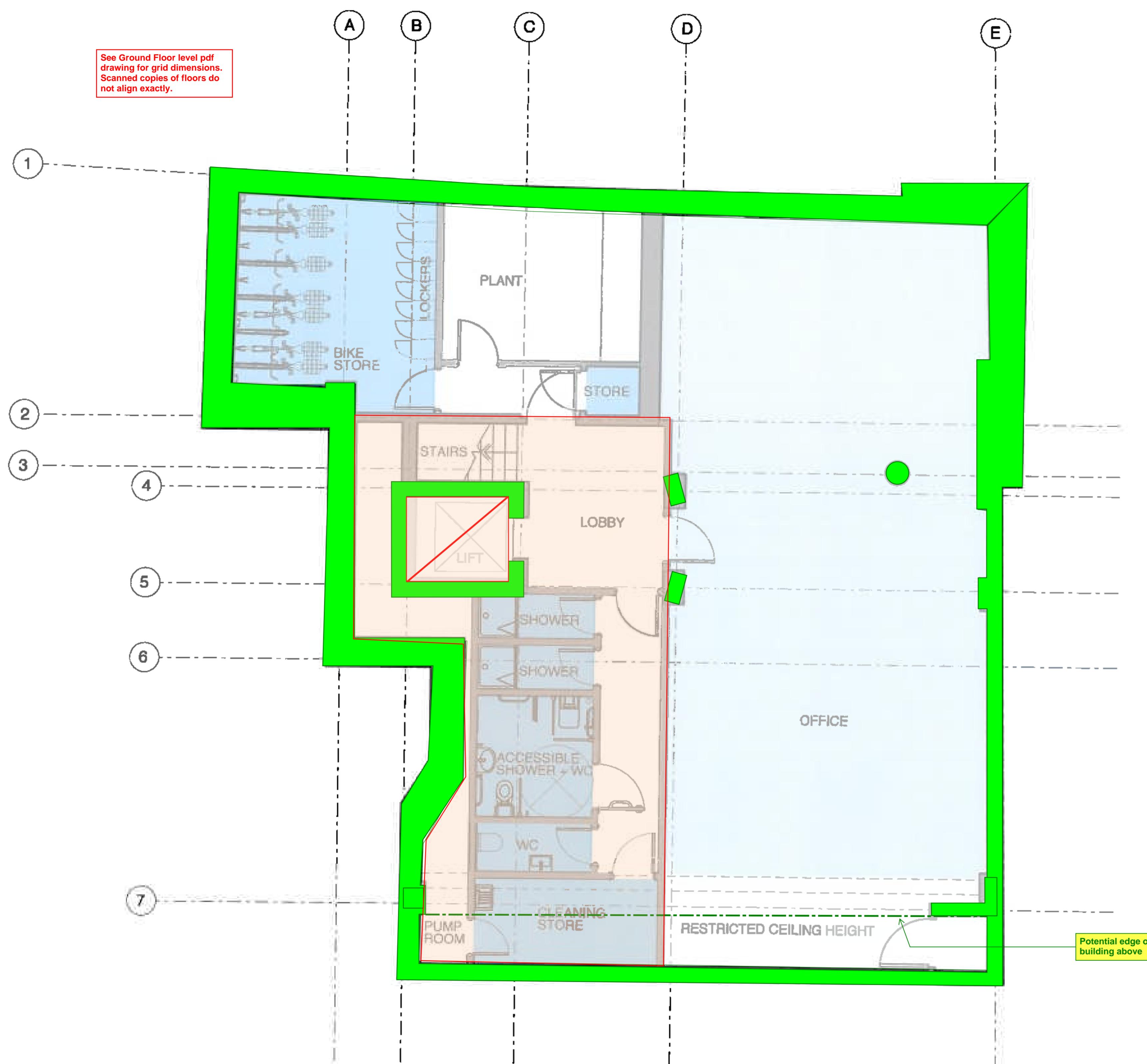
## **STRUCTURAL LOADS**



**GENERAL NOTES**  
 • DO NOT SCALE. USE FIGURED DIMENSIONS ONLY  
 • CONFIRM ALL DIMENSIONS AND LEVELS ON SITE



The London Tunnels  
 40 Furnival Street Assumed Structure  
 Rev 02  
 70087403 | DDNS 006 | OG | 18.07.23



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 Website www.manser.co.uk

**Drawings from 2015 planning application**

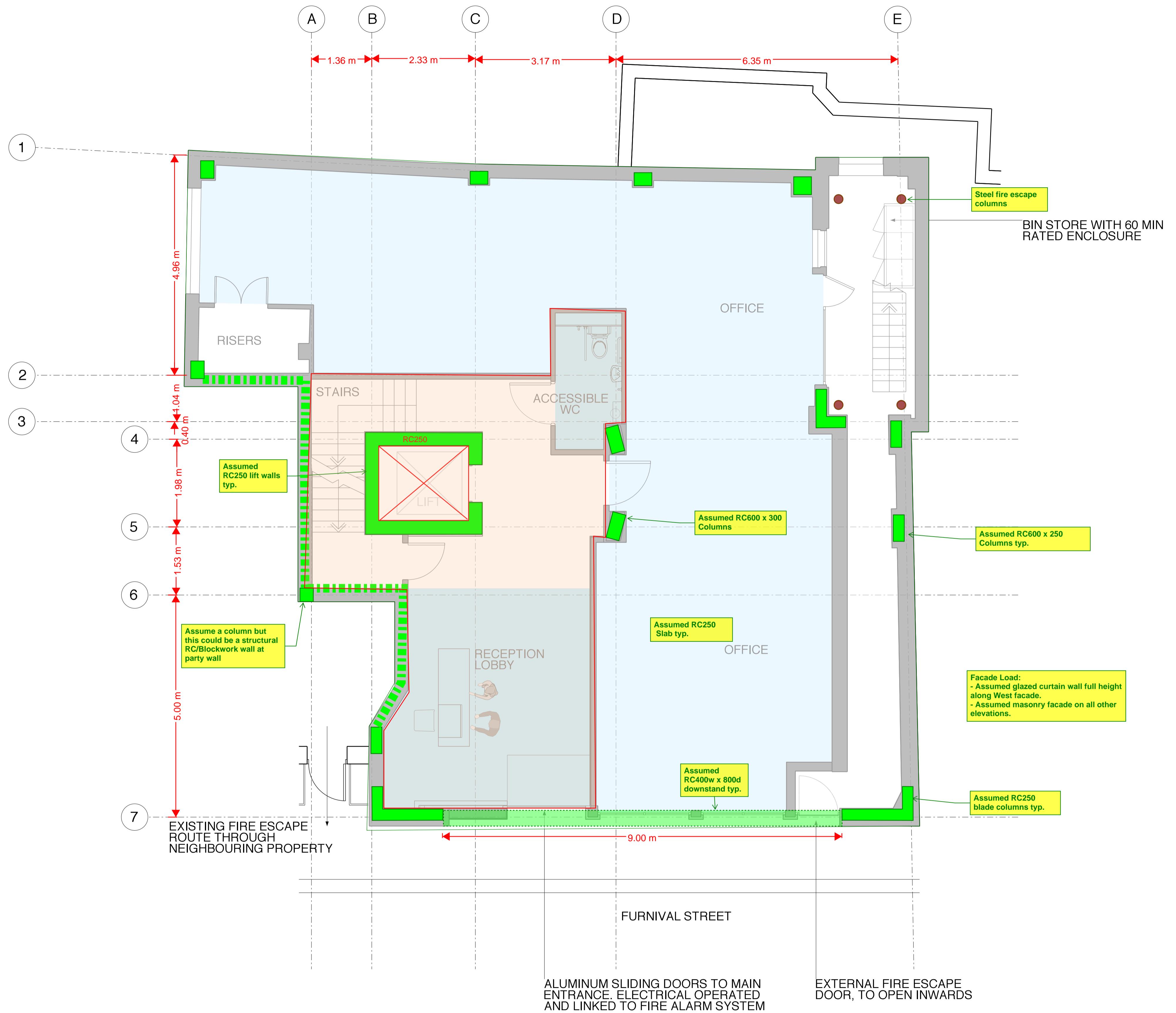
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D	27.07.15	GENERAL UPDATE	
C	24.07.15	GENERAL UPDATE	
B	11.06.15	GENERAL UPDATE	
A	09.06.15	GENERAL UPDATE	
Revolution	Date	#9	
Status			

**PLANNING**  
 Project 40-41 FURNIVAL STREET  
 Drawing PROPOSED BASEMENT PLAN  
 Sheet 50 @ A1 Date MAY 2015  
 Drawing number 1310\_029 Revision F

CADWELL/CLIFFORD DDNS 006/2015/02



Note: This DDNS does not show the actual structural frame, which should be obtained through record information and surveys. All structural information shown is based on assumptions for the purpose of developing a WLC assessment and load balancing exercise.



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 Website www.manser.co.uk

**Drawings from 2015 planning application**

L	15.01.16	AMENDMENT TO DOOR
K	23.11.15	PLANNING ISSUE
J	10.08.15	GENERAL UPDATE
H	06.08.15	GENERAL UPDATE
G	24.07.15	GENERAL UPDATE
F	17.07.15	GENERAL UPDATE
E	07.07.15	GENERAL UPDATE
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A	09.06.15	GENERAL UPDATE
Revision	Date	Notes

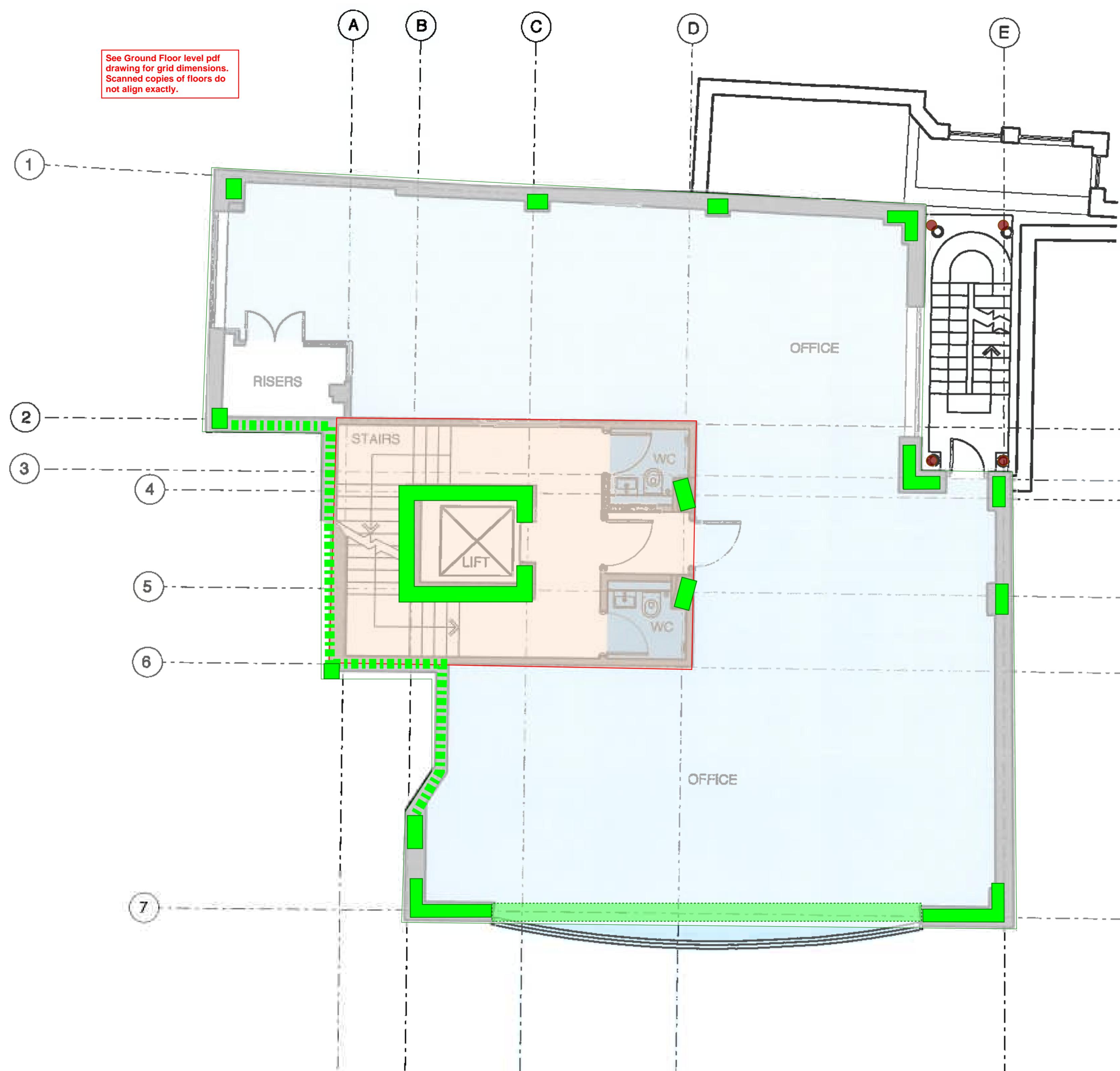
**PLANNING**

Project 40-41 FURNIVAL STREET  
 Drawing PROPOSED GROUND FLOOR PLAN  
 Scale 1:50 @ A1 Date MAY 2015  
 Drawing number 1310\_030 Revision L

CAD0109P0/FILEB310\_030/PO

**GENERAL NOTES**  
 - DO NOT SCALE, USE FIGURED DIMENSIONS ONLY  
 - CONFIRM ALL DIMENSIONS AND LEVELS ON SITE


The London Tunnels  
 40 Furnival Street Assumed Structure  
 Rev 02  
 70087403 | DDNS 006 | OG | 18.07.23



Note: This DDNS does not show the actual structural frame, which should be obtained through record information and surveys. All structural information shown is based on assumptions for the purpose of developing a WLC assessment and load balancing exercise.

25 NOV 2015

1:100 @ A3  
 1mi 2mi 3mi 4mi 5mi



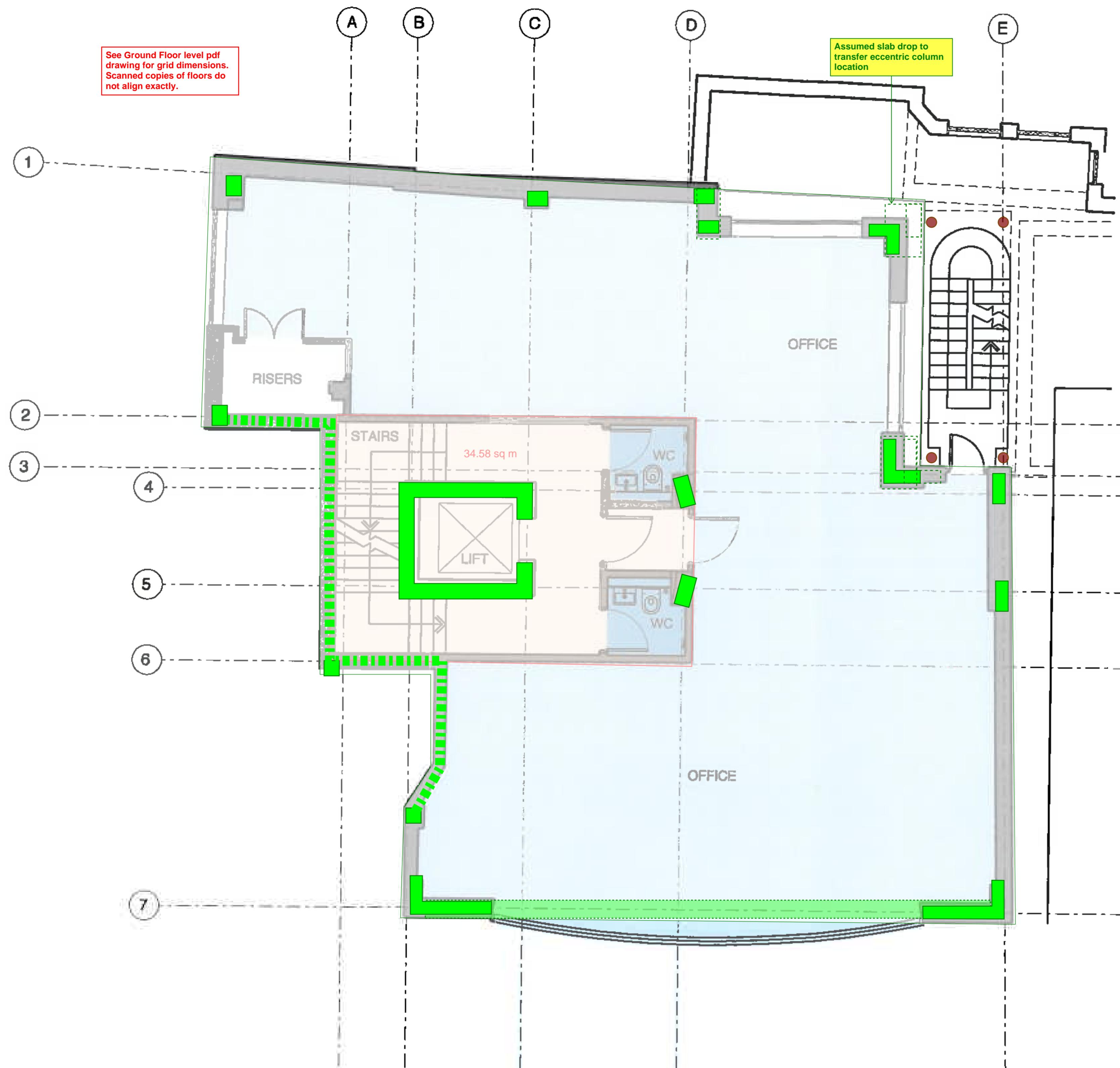
THE MANSEY PRACTICE																									
Bridge Studios	Telephone +44 (0)20 8741 4881																								
Hammersmith Bridge	Fax/Faxline +44 (0)20 8741 2773																								
London	Email mansey@manser.co.uk																								
W6 9DA	Website www.manser.co.uk																								
Drawings from 2015 planning application																									
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G	29.11.15	PLANNING ISSUE																							
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D	26.07.15	GENERAL UPDATE																							
C	17.07.15	GENERAL UPDATE																							
B	11.08.15	GENERAL UPDATE																							
A	08.08.15	GENERAL UPDATE																							
Revolution	Date	Notes																							
Status																									
<b>PLANNING</b>																									
Project																									
40-41 FURNIVAL STREET																									
Drawing																									
PROPOSED FIRST FLOOR PLAN																									
Ref no:	Date																								
150 @ A1	MAY 2015																								
Drawing number	Revolution																								
1310_031	G																								

## GENERAL NOTES

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY  
- CONFIRM ALL DIMENSIONS AND LEVELS ON SITE



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PROPOSED SECOND FLOOR PLAN

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Hammermith Bridge Facsimile +44 (0)20 8741 2773  
London Email manser@manser.co.uk  
W6 8DA Website www.manser.co.uk

**Drawings from 2015 planning application**

Date	Description	
G	29.11.15	PLANNING ISSUE
F	10.08.15	GENERAL UPDATE
E	28.07.15	GENERAL UPDATE
D	24.07.15	GENERAL UPDATE
C	17.07.15	GENERAL UPDATE
B	11.08.15	GENERAL UPDATE
A	09.08.15	GENERAL UPDATE
Revision Date		

**Status**

**PLANNING**

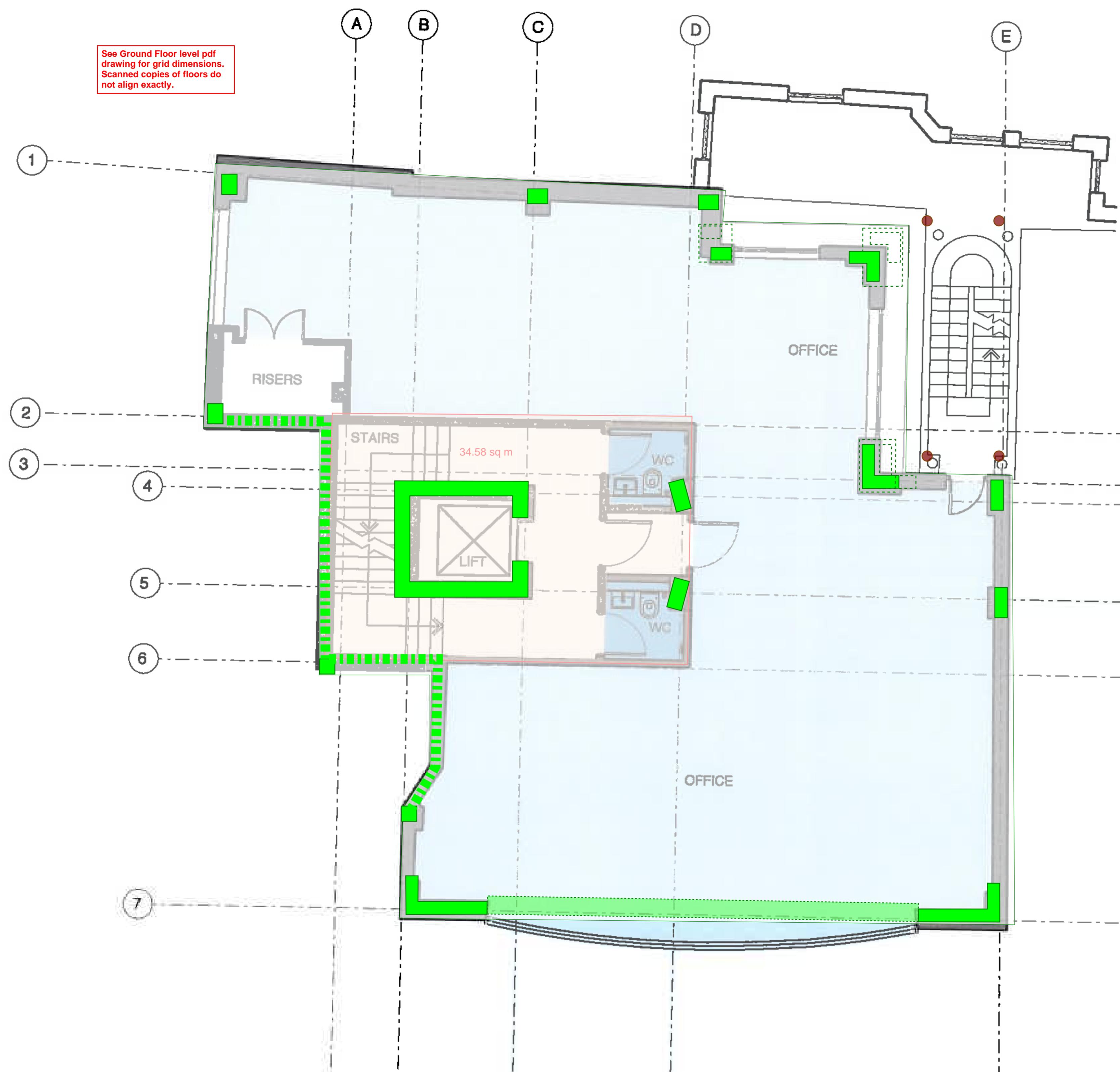
Project 40-41 FURNIVAL STREET

Drawing PROPOSED SECOND FLOOR PLAN

Scale 1:50 @ A1 Date MAY 2015

Drawing number 1310\_032 Revision G

CAD 1310\_032.dwg



**GENERAL NOTES**

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY
- CONFIRM ALL DIMENSIONS AND LEVELS ON SITE



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40 Furnival Street Assumed Structure  
Rev 02  
70087403 | DDNS 006 | OG | 18.07.23

25 NOV 2015

Note: This DDNS does not show the actual structural frame, which should be obtained through record information and surveys. All structural information shown is based on assumptions for the purpose of developing a WLC assessment and load balancing exercise.

1:100 @ A3

1m 2m 3m 4m 5m

N

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Email mander@mander.co.uk  
Website www.mander.co.uk

**PLANNING**

Project 40-41 FURNIVAL STREET

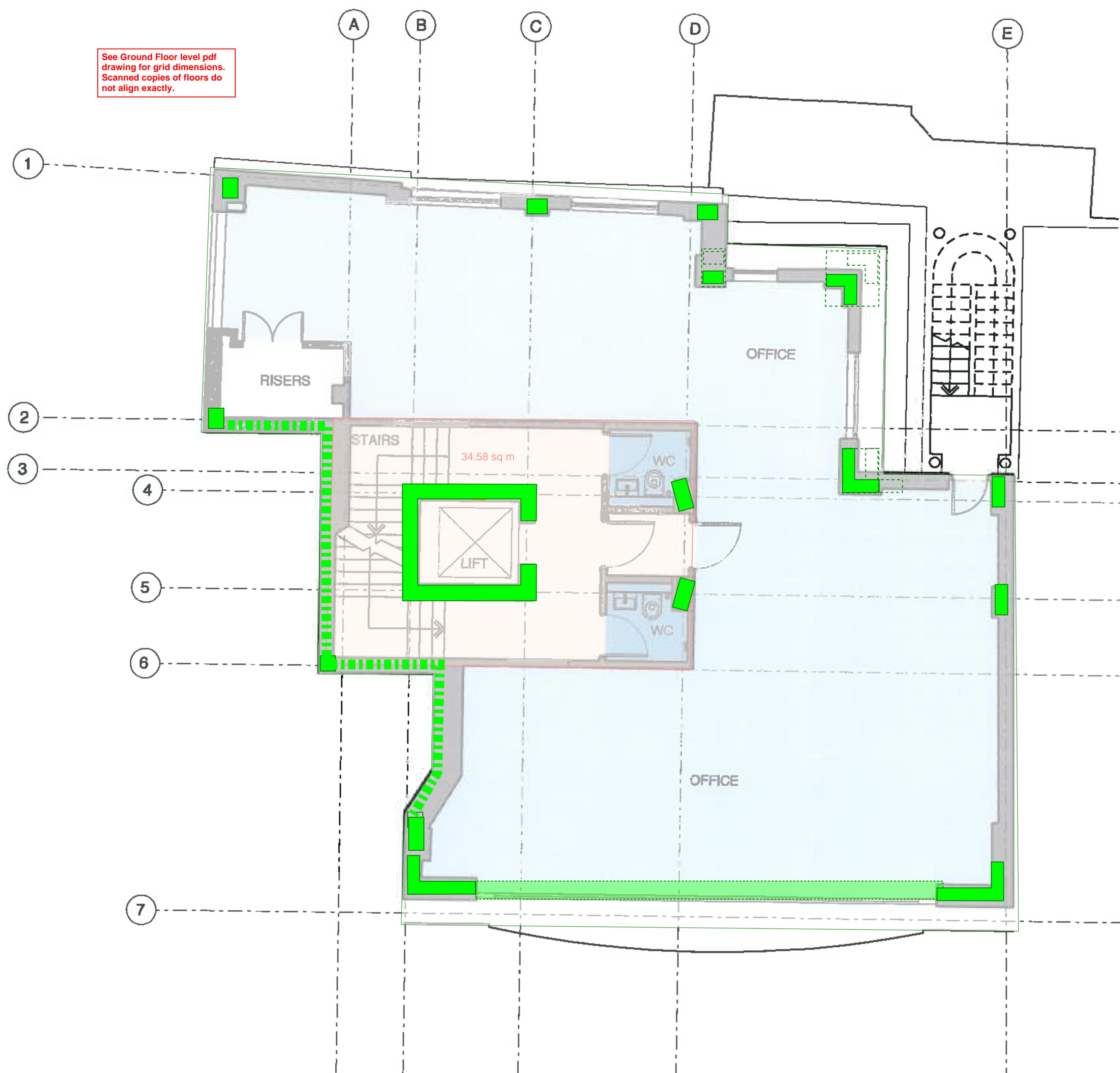
Drawing PROPOSED THIRD FLOOR PLAN

Scale 1:50 @ A1	Date MAY 2015
Drawing number 1310_033	Revision G

**Drawings from 2015 planning application**



The London Tunnels  
 40 Furnival Street Assumed Structure  
 Rev 02  
 70087403 | DDNS 006 | OG | 18.07.23



**PROPOSED FOURTH FLOOR PLAN**

1:100 @ A3

1m 2m 3m 4m 5m

N

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W6 0DA	Website www.manser.co.uk

**Drawings from 2015 planning application**

Revision	Date	Notes
G	28.11.15	PLANNING ISSUE
F	10.08.15	GENERAL UPDATE
E	28.07.15	GENERAL UPDATE
D	24.07.15	GENERAL UPDATE
C	17.07.15	GENERAL UPDATE
B	11.06.15	GENERAL UPDATE
A	09.06.15	GENERAL UPDATE

**Status**

**PLANNING**

**Project**  
**40-41 FURNIVAL STREET**

**Drawing**  
**PROPOSED FOURTH FLOOR PLAN**

**Scale**  
**1:50 @ A1**

**Date**  
**MAY 2015**

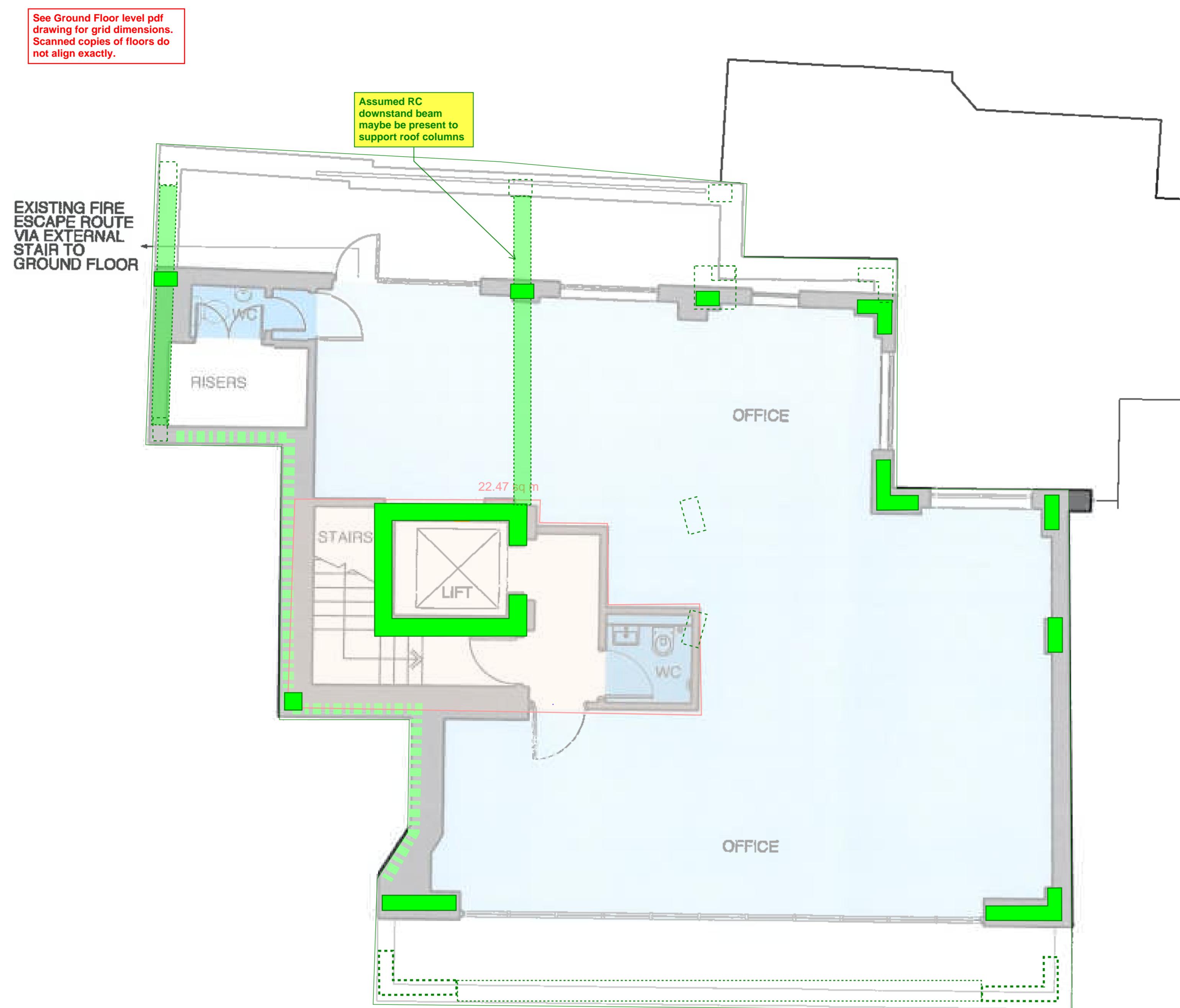
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**Revision**  
**G**

**GENERAL NOTES**  
 - DO NOT SCALE. USE FIGURED DIMENSIONS ONLY  
 - CONFIRM ALL DIMENSIONS AND LEVELS ON SITE



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 40 Furnival Street Assumed Structure  
 Rev 02  
 70087403 | DDNS 006 | OG | 18.07.23



### PROPOSED FIFTH FLOOR PLAN

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**Drawings from 2015 planning application**

H	23.11.15	PLANNING ISSUE
G	10.06.15	GENERAL UPDATE
F	24.07.15	GENERAL UPDATE
E	17.07.15	GENERAL UPDATE
D	08.07.15	GENERAL UPDATE
C	12.06.15	GENERAL UPDATE
B	11.06.15	GENERAL UPDATE
A	09.06.15	GENERAL UPDATE
Revolution	Date	Issue

**PLANNING**

Project	40-41 FURNIVAL STREET
Drawing	PROPOSED FIFTH FLOOR PLAN
Scale	1:100 @ A1
Date	MAY 2015
Drawing number	1310_035
Revision	H

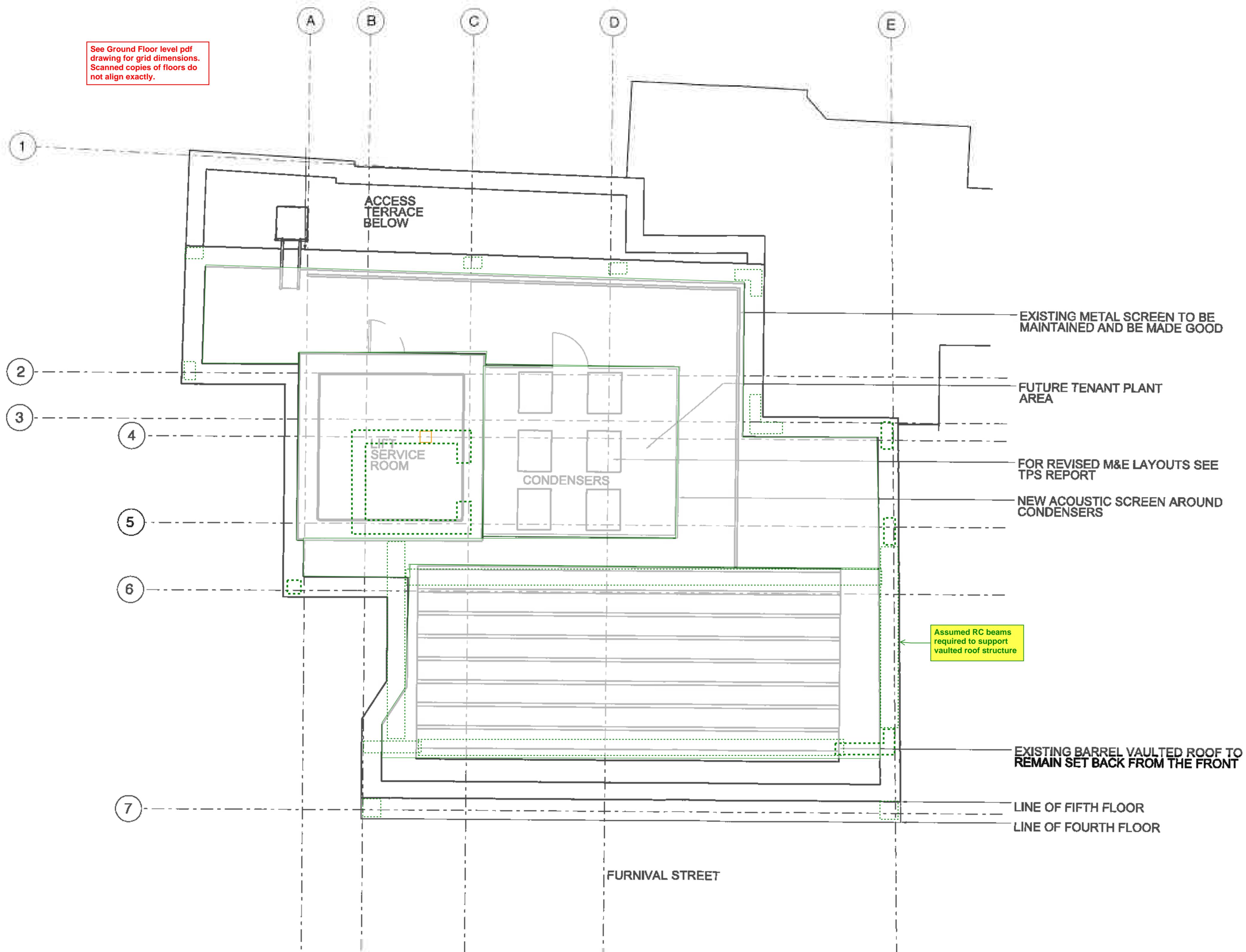
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## GENERAL NOTES

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY  
- CONFIRM ALL DIMENSIONS AND LEVELS ON SITE



The London Tunnels  
40 Furnival Street Assumed Structure  
Rev 02  
70087403 | DDNS 006 | OG | 18.07.23



## PROPOSED ROOF PLAN

*25 Nov 2015*

THF MANSER PRACTICE	
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Hammersmith Bridge	Fax/faxline +44 (0)20 8741 2773
London	Email manser@manser.co.uk
W6 9DA	Website www.manser.co.uk
Drawings from 2015 planning application	
J	28.11.15 PLANNING ISSUE
H	13.08.15 GENERAL UPDATE
G	10.08.15 GENERAL UPDATE
F	07.07.15 GENERAL UPDATE
E	06.07.15 GENERAL UPDATE
D	17.08.15 GENERAL UPDATE
C	18.08.15 GENERAL UPDATE
B	11.08.15 GRID UPDATED
A	09.08.15 GENERAL UPDATE
Revision	Date Note
Status	
PLANNING	
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Drawing	PROPOSED ROOF PLAN
Scale	1:50 @ A1
Date	MAY 2015
Drawing number	1310_036
Revision	J

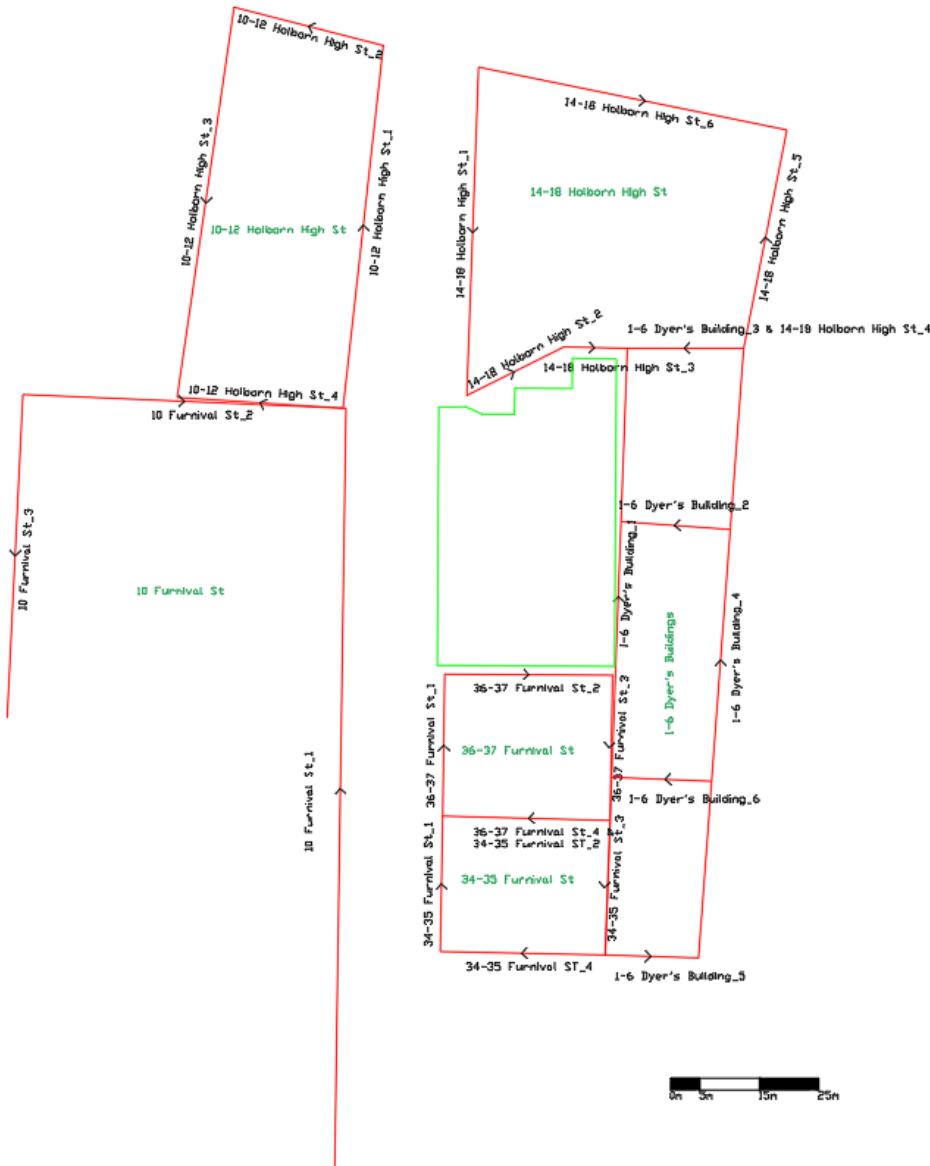
# Appendix I

## **BUILDING IMPACT ASSESSMENT – GRAPH PLOTS**



**Notes:**

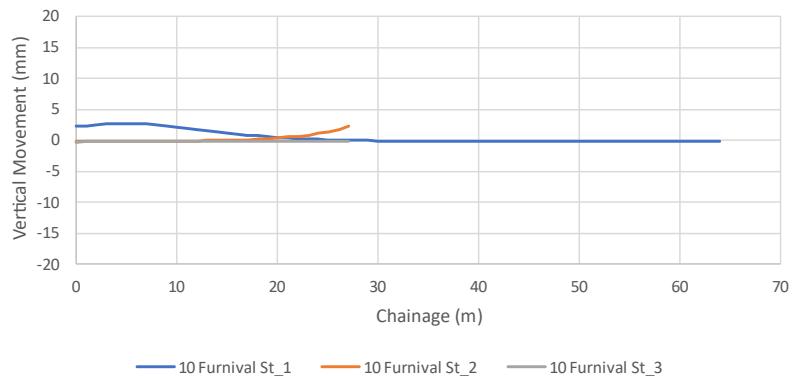
- Chainage for every calculation follows the direction of the arrow along each façade.



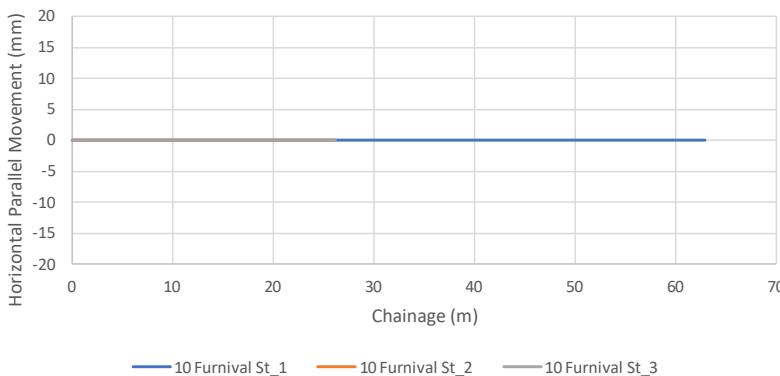
**WSP**

Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.1
Project	TLT - The London Tunnels	Drawn by	RC
Title	Impact Assessment – Location of Analysed Sections	Checked by	MS

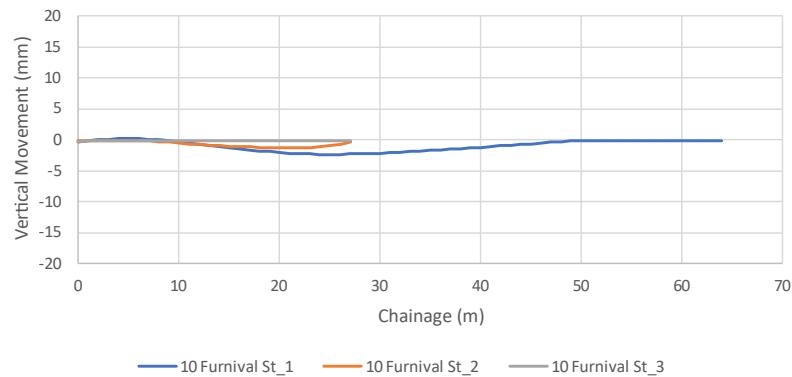
10 Furnival St - Post Demolition



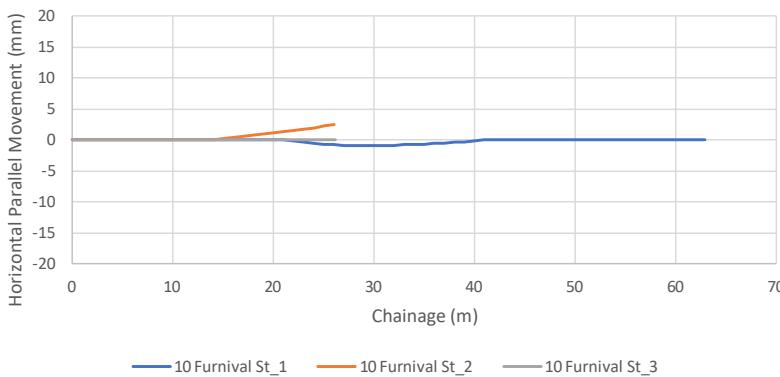
10 Furnival St - Post Demolition



10 Furnival St - Post Wall Installation



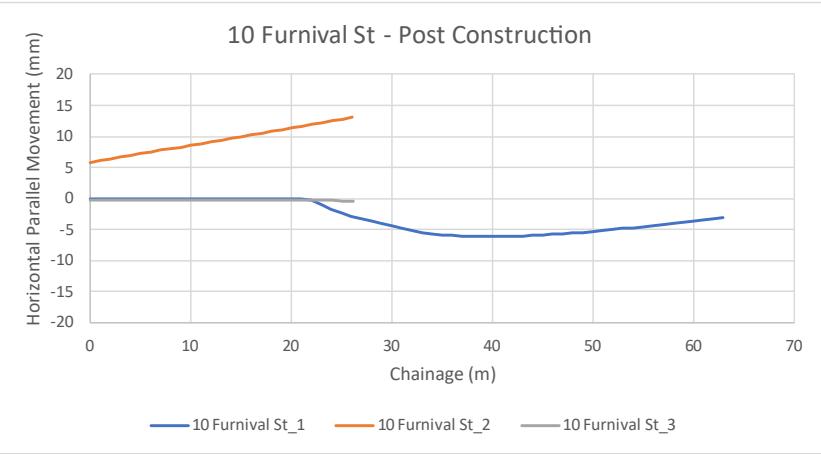
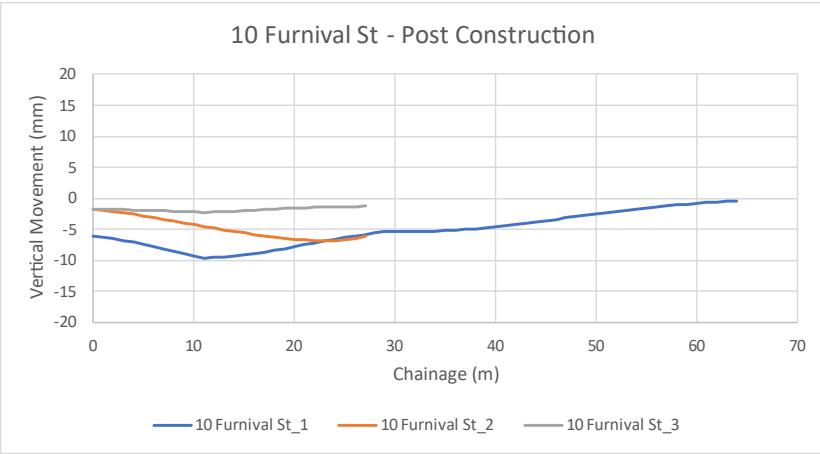
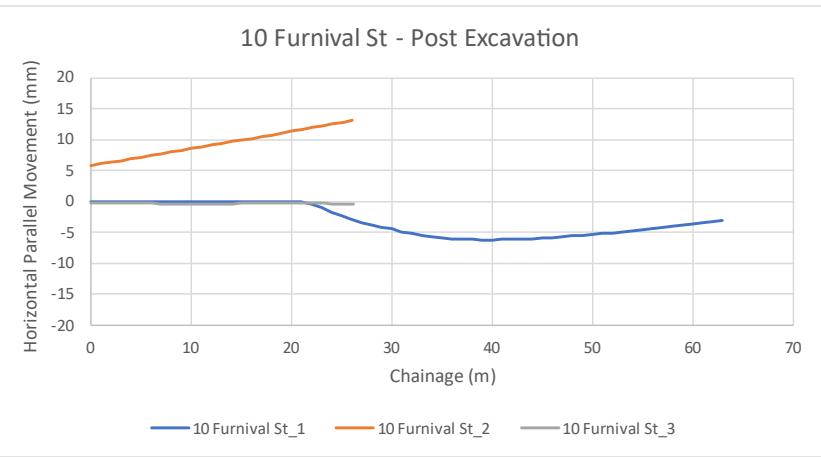
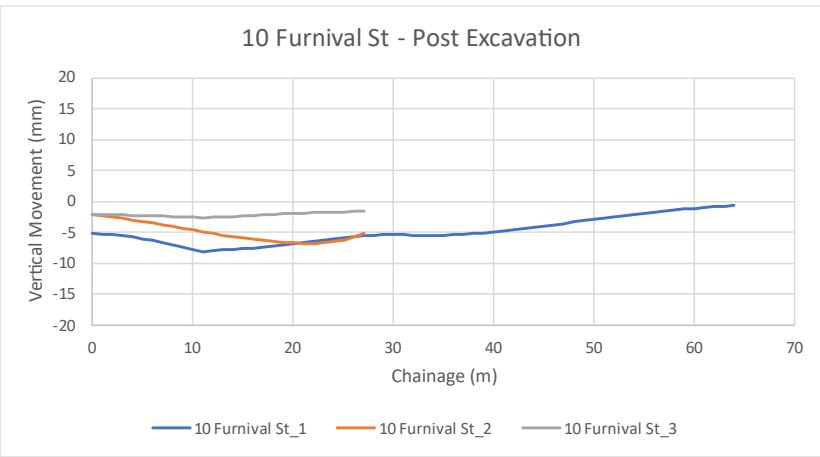
10 Furnival St - Post Wall Installation

**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.2
Project	TLT - The London Tunnels	Drawn by	RC
Title	10 Furnival St Ground Movements – Post Demolition and Wall Installation	Checked by	MS

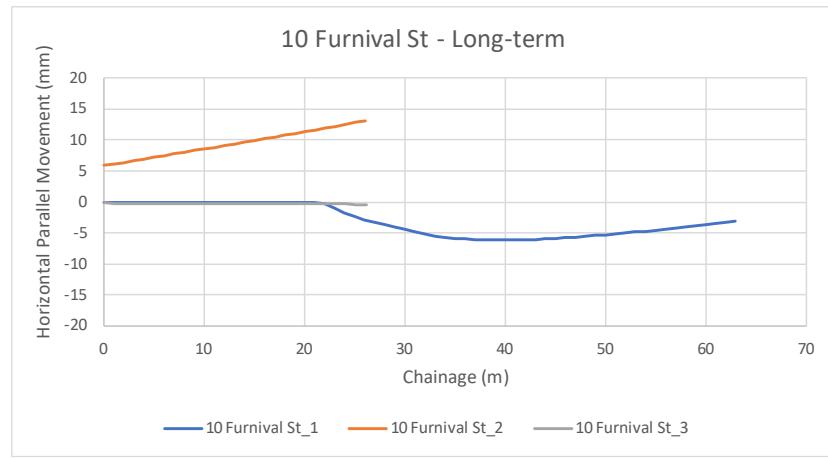
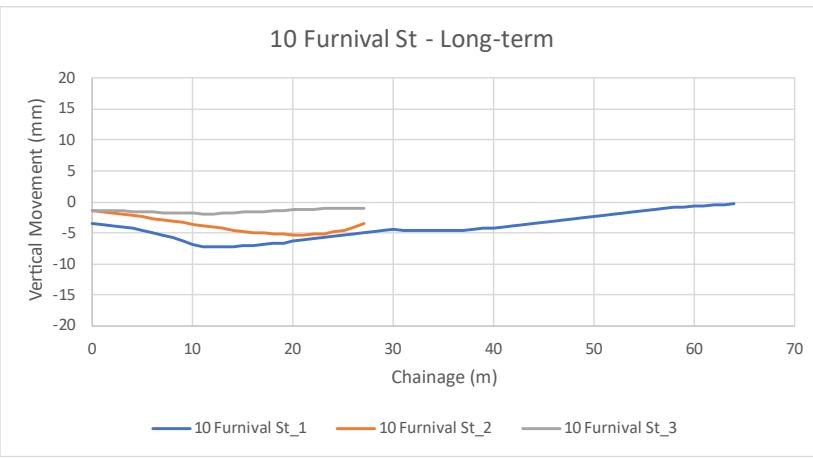


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.3
Project	TLT - The London Tunnels	Drawn by	RC
Title	10 Furnival St Ground Movements – Post Excavation and Construction	Checked by	MS



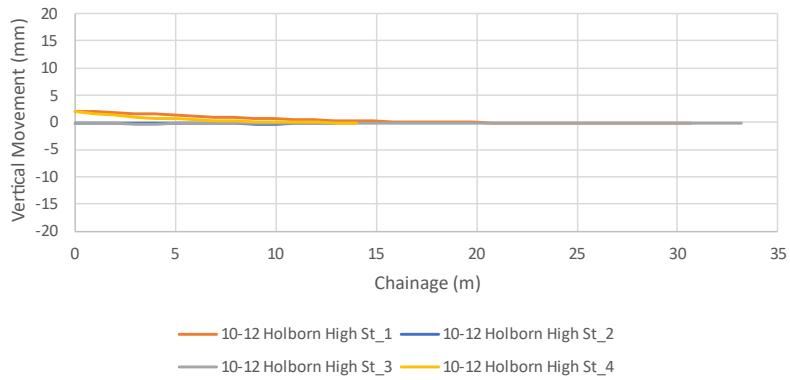
**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

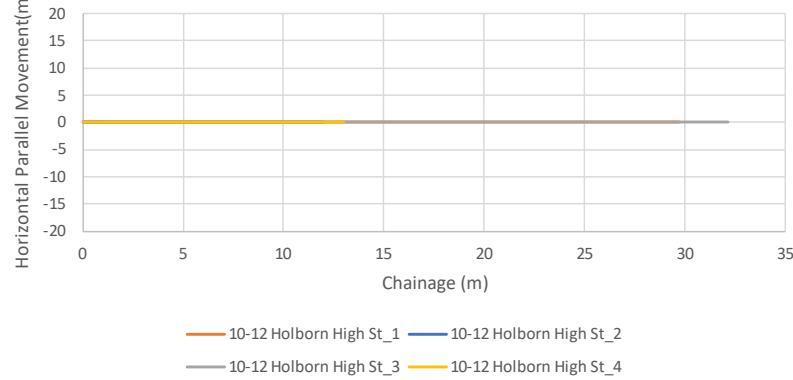


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.4
Project	TLT - The London Tunnels	Drawn by	RC
Title	10 Furnival St Ground Movements – Long-term	Checked by	MS

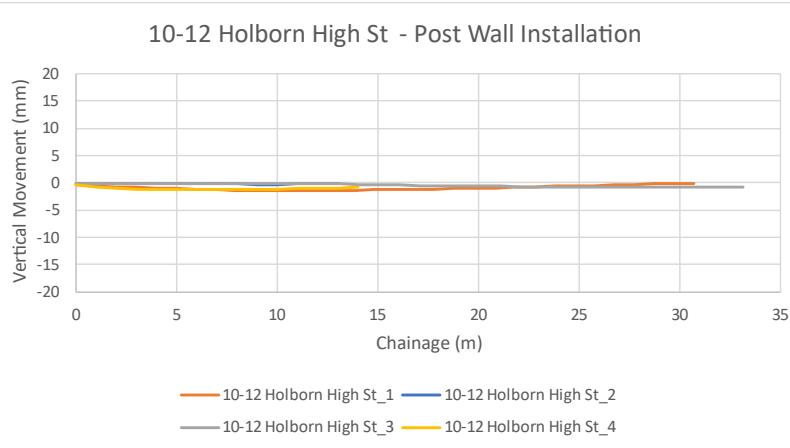
10-12 Holborn High St - Post Demolition



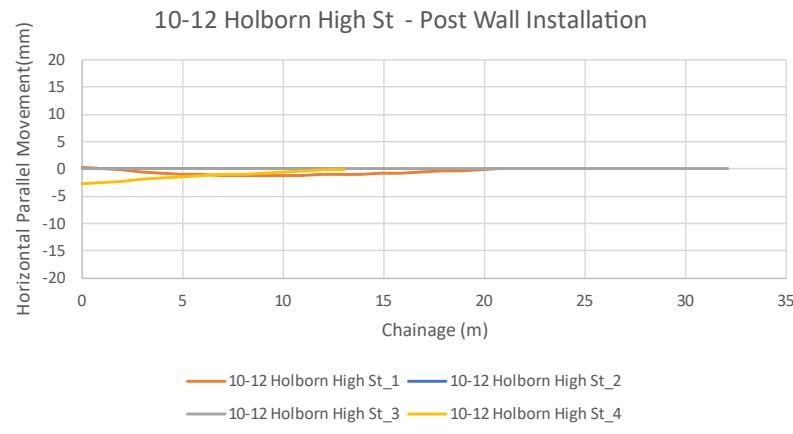
10-12 Holborn High St - Post Demolition



10-12 Holborn High St - Post Wall Installation



10-12 Holborn High St - Post Wall Installation



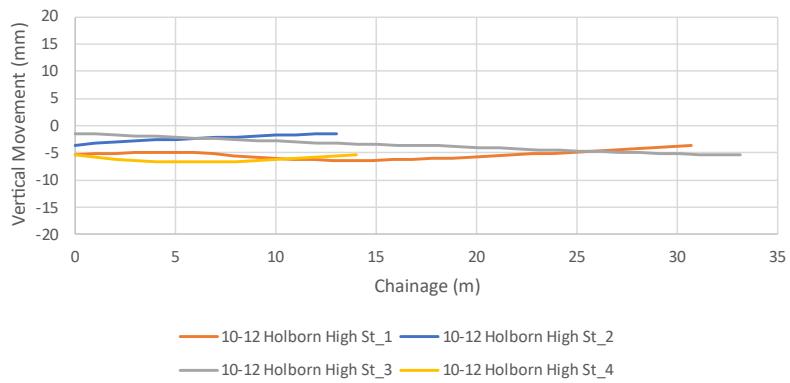
Notes:

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

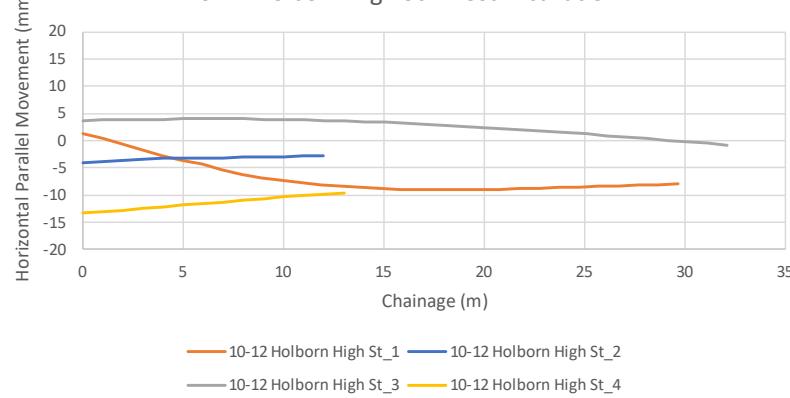


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.5
Project	TLT - The London Tunnels	Drawn by	RC
Title	10-12 Holborn High St Ground Movements – Post Demolition and Wall Installation	Checked by	MS

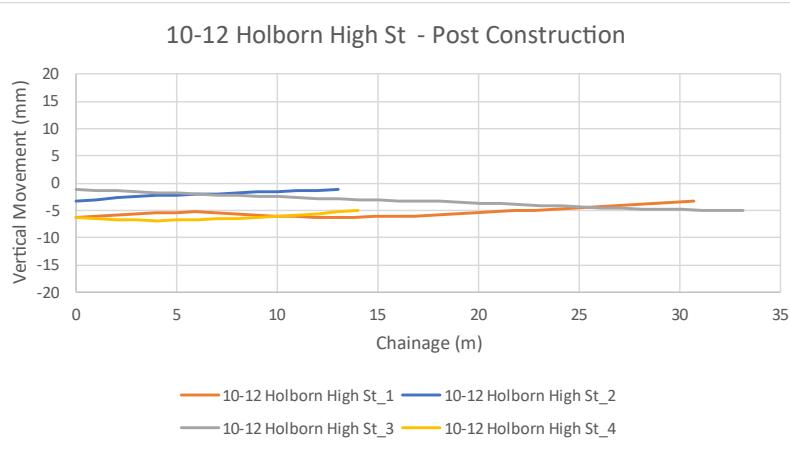
### 10-12 Holborn High St - Post Excavation



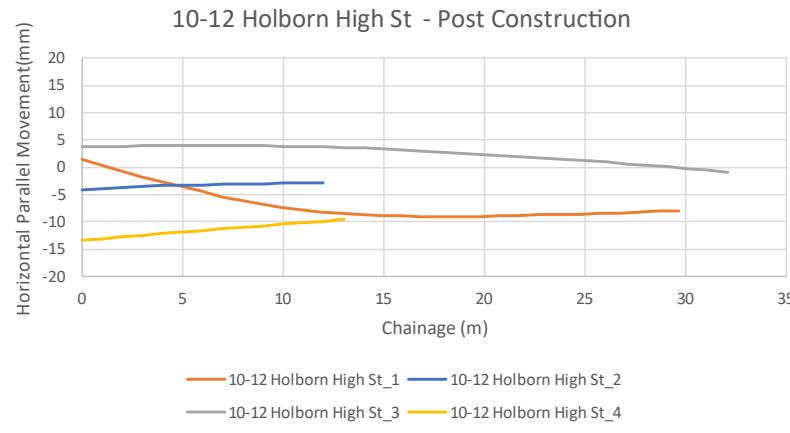
### 10-12 Holborn High St - Post Excavation



### 10-12 Holborn High St - Post Construction



### 10-12 Holborn High St - Post Construction



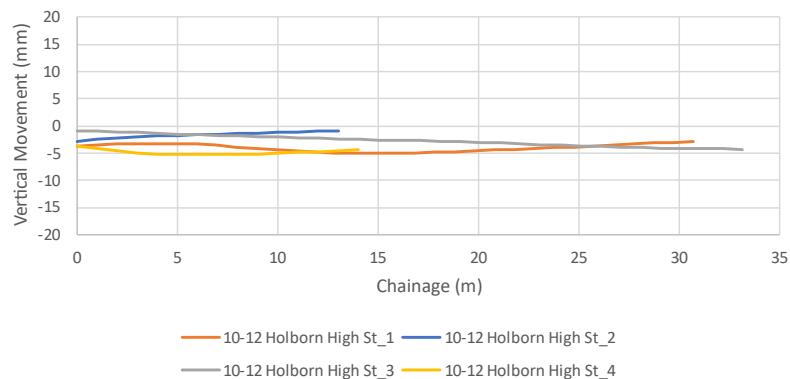
#### Notes:

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

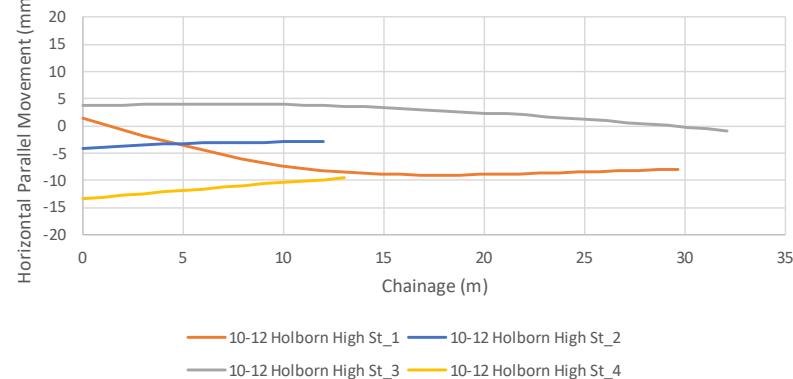


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.6
Project	TLT - The London Tunnels	Drawn by	RC
Title	10-12 Holborn High St Ground Movements – Post Excavation and Construction	Checked by	MS

10-12 Holborn High St - Long-term



10-12 Holborn High St - Long-term



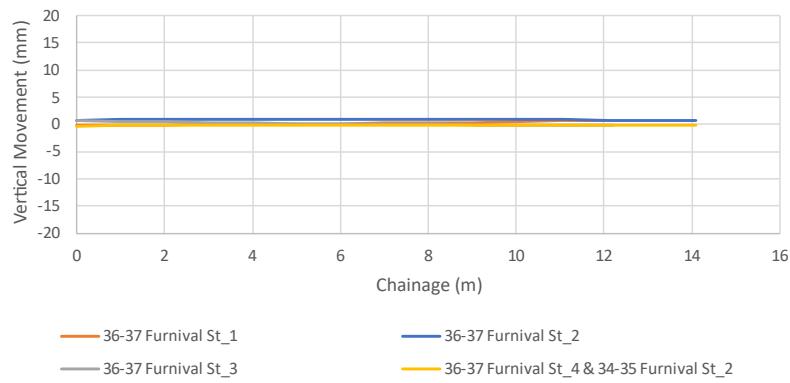
Notes:

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

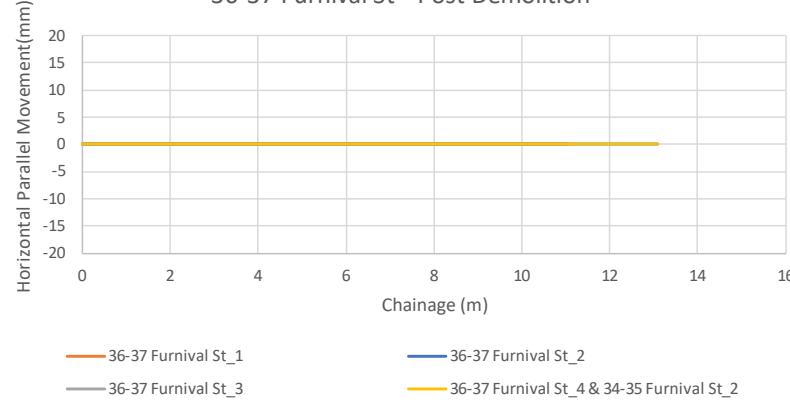


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.7
Project	TLT - The London Tunnels	Drawn by	RC
Title	10-12 Holborn High St Ground Movements – Long-term	Checked by	MS

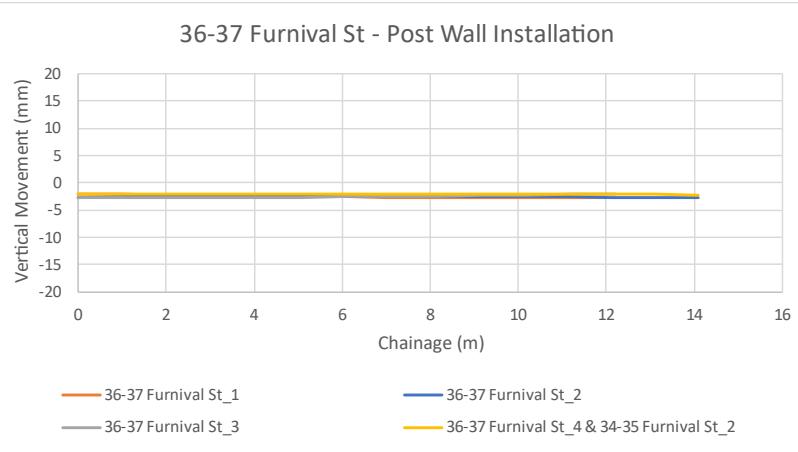
36-37 Furnival St - Post Demolition



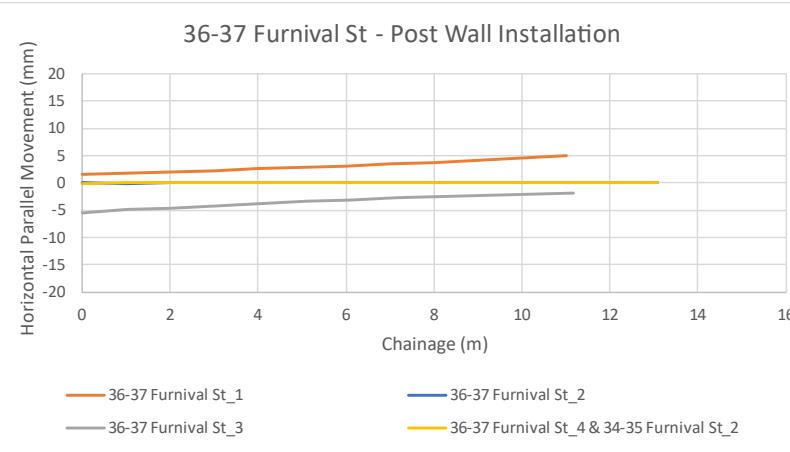
36-37 Furnival St - Post Demolition



36-37 Furnival St - Post Wall Installation



36-37 Furnival St - Post Wall Installation

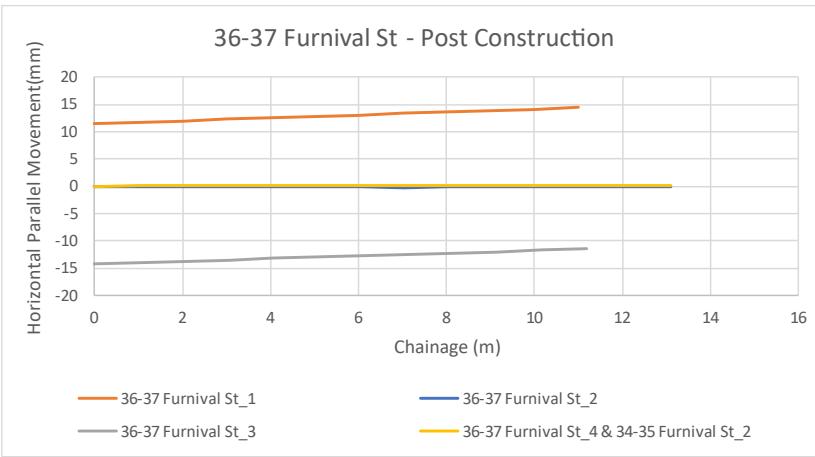
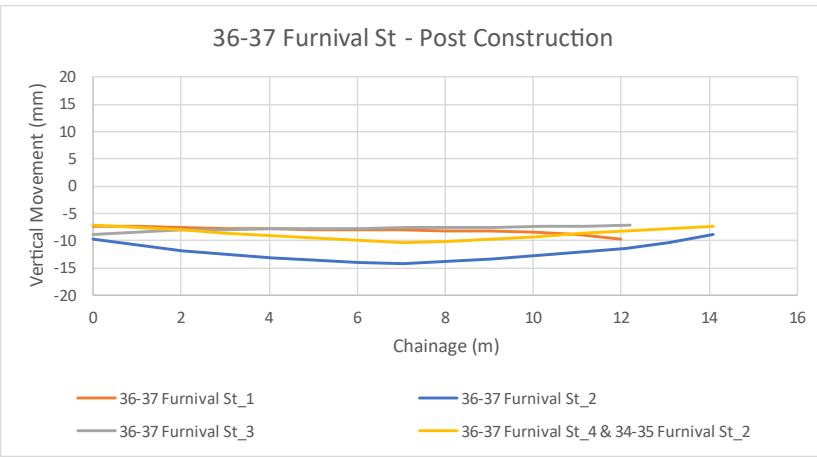
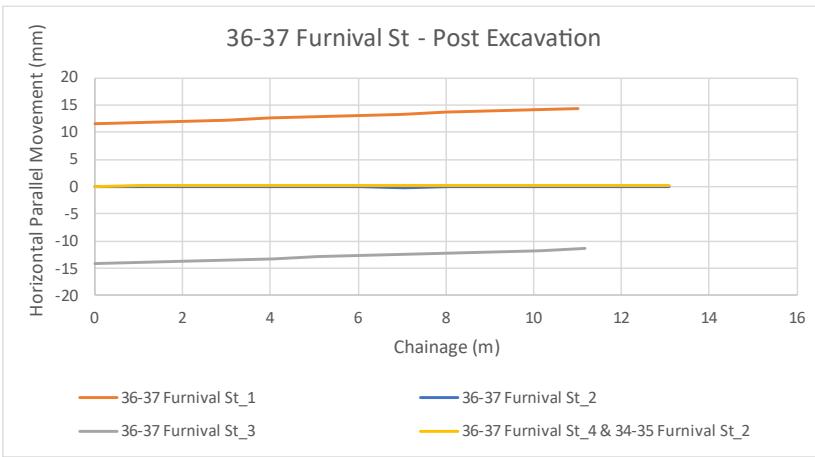
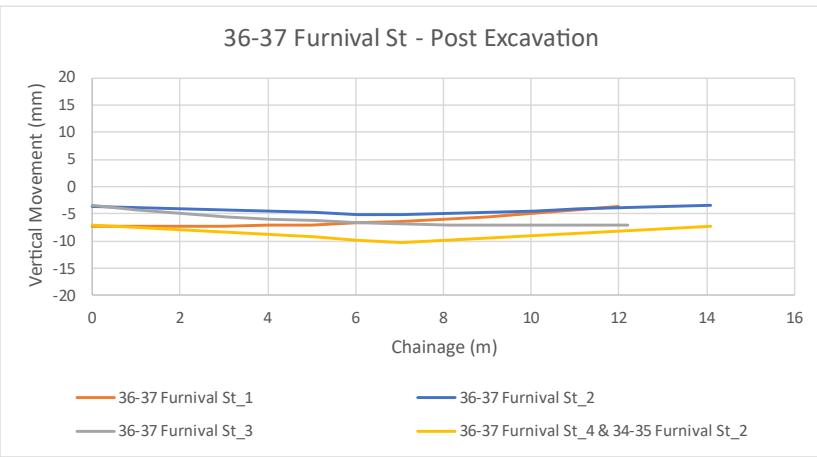


Notes:

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.8
Project	TLT - The London Tunnels	Drawn by	RC
Title	36-37 Furnival St Ground Movements – Post Demolition and Wall Installation	Checked by	MS

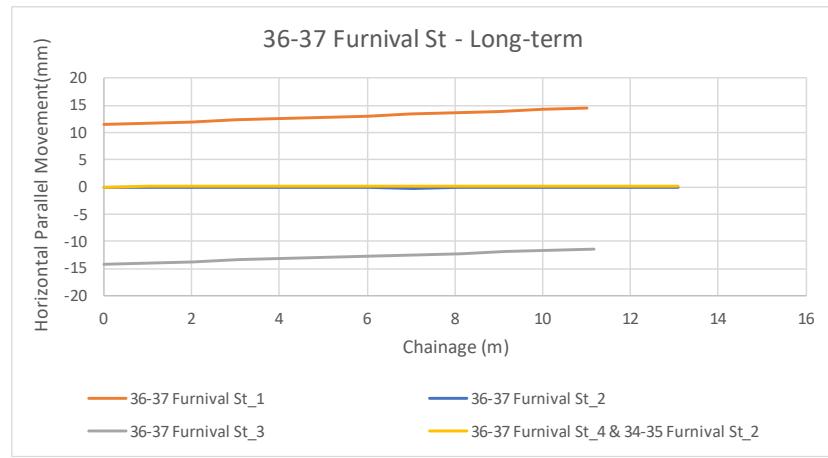
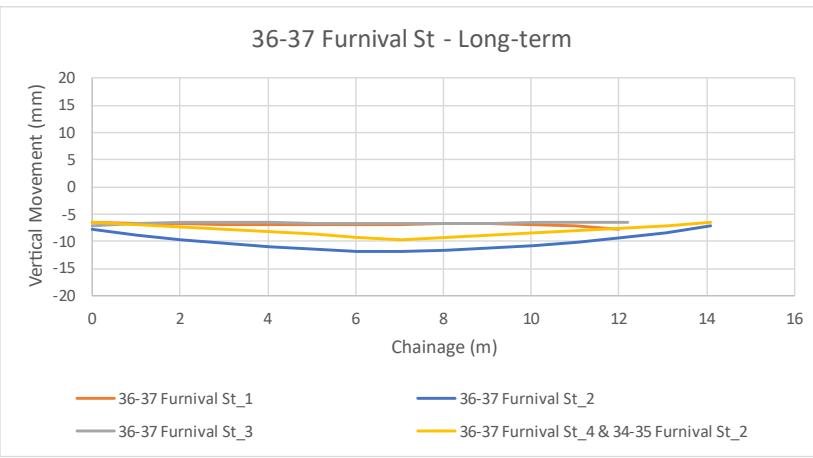


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.9
Project	TLT - The London Tunnels	Drawn by	RC
Title	36-37 Furnival St Ground Movements – Post Excavation and Construction	Checked by	MS

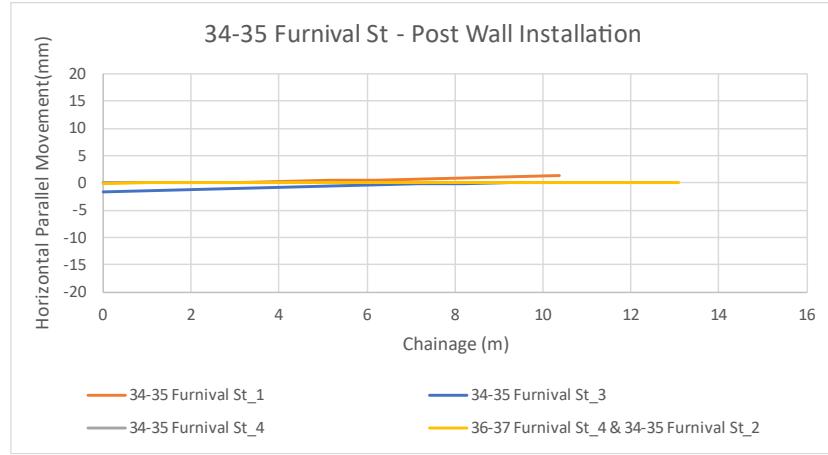
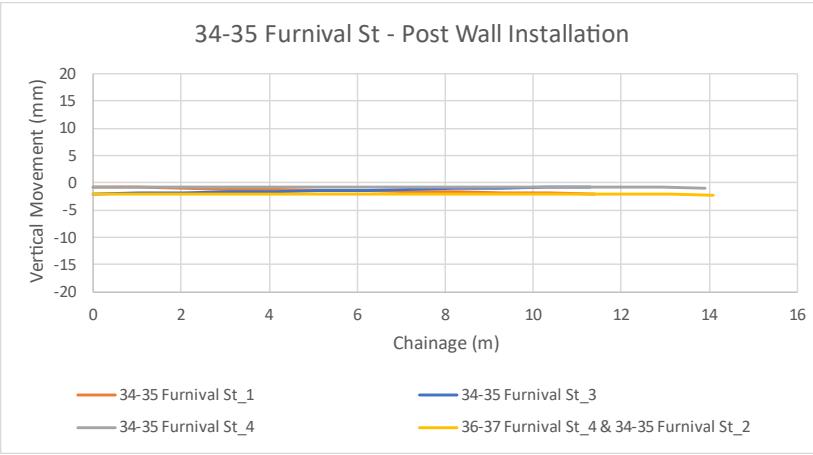
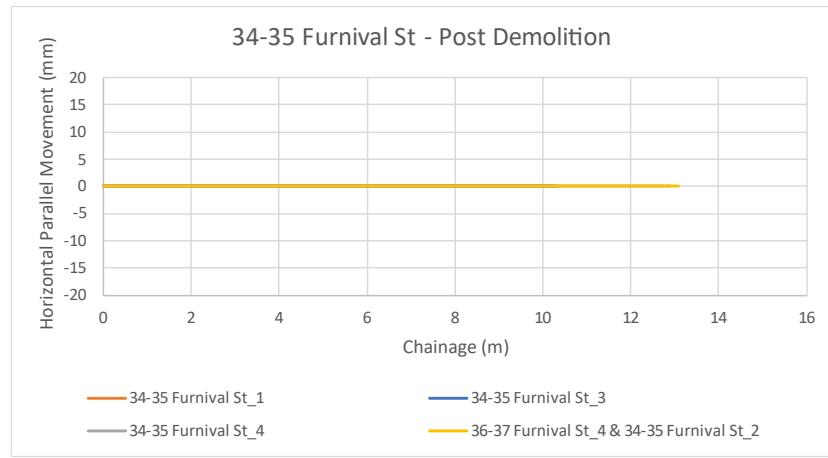
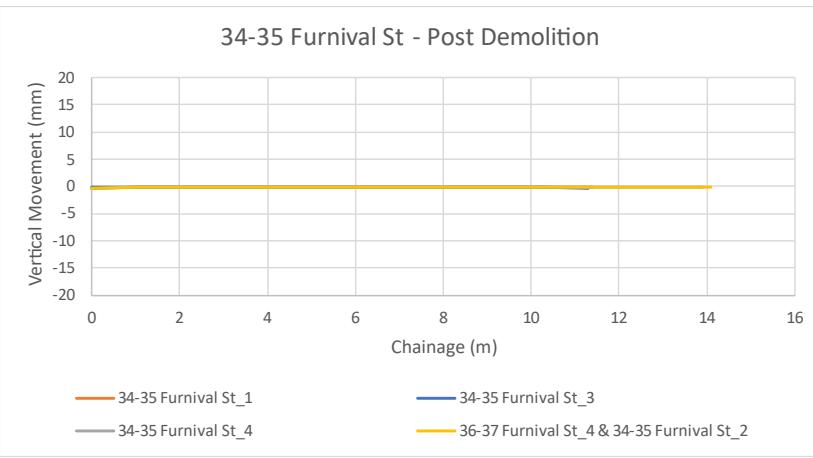


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.10
Project	TLT - The London Tunnels	Drawn by	RC
Title	36-37 Furnival St Ground Movements – Long-term	Checked by	MS

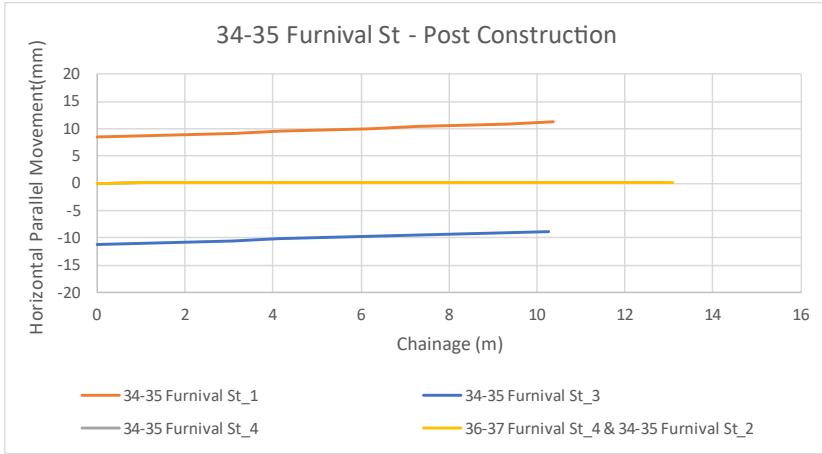
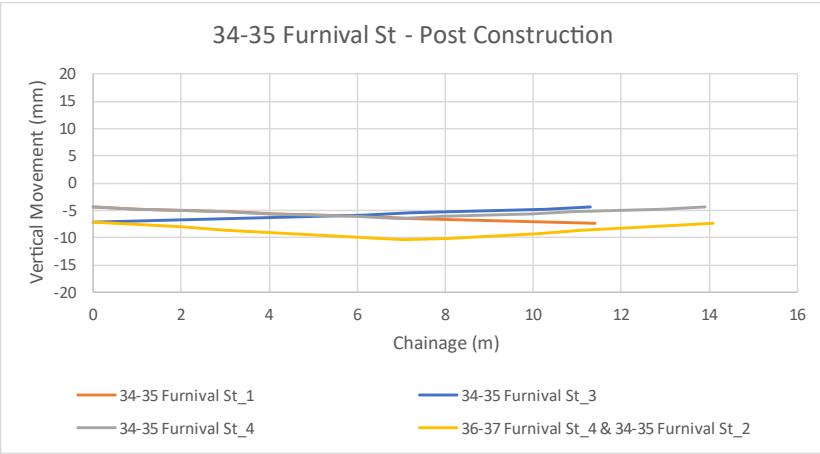
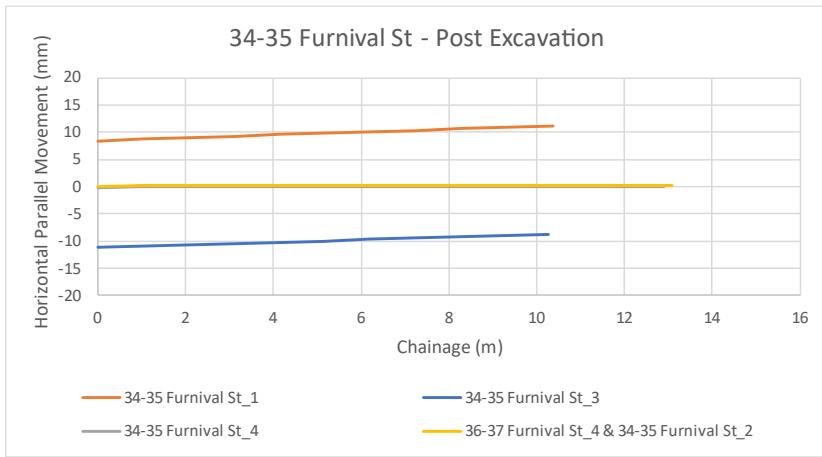
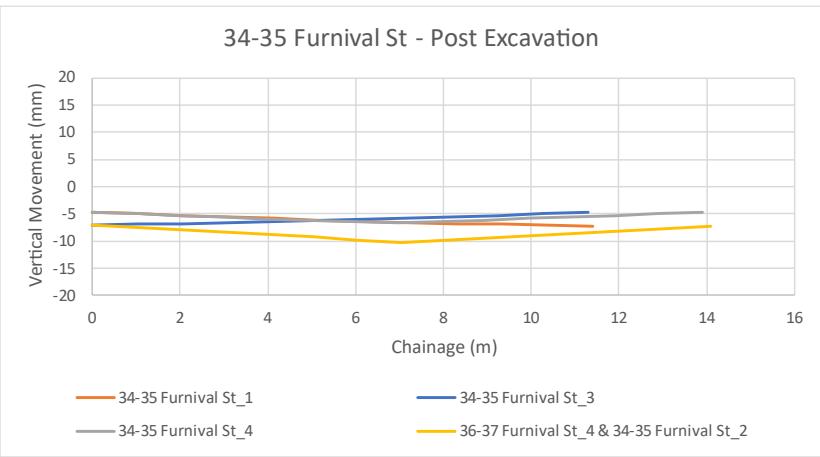


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.11
Project	TLT - The London Tunnels	Drawn by	RC
Title	34-35 Furnival St Ground Movements – Post Demolition and Wall Installation	Checked by	MS

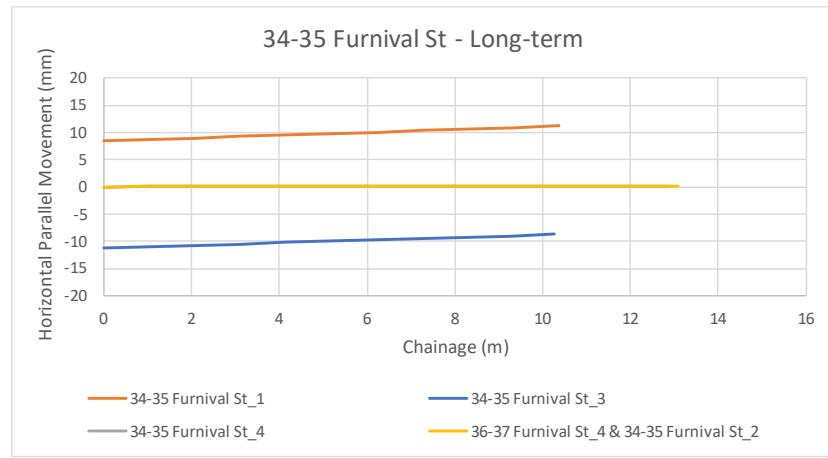
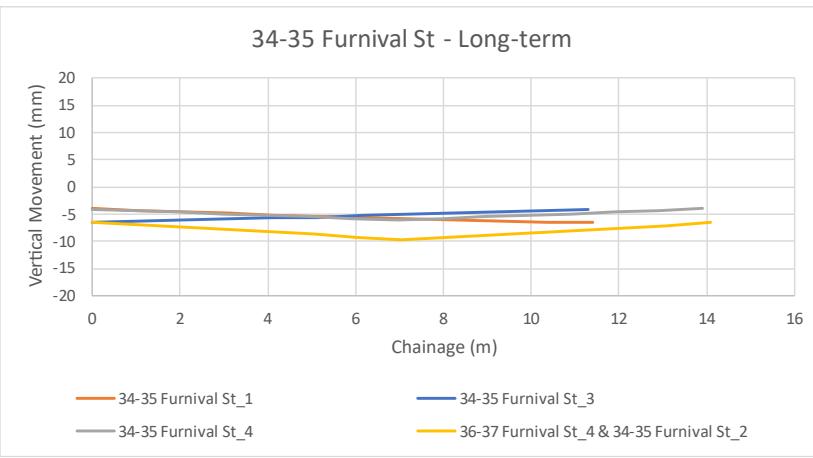


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.12
Project	TLT - The London Tunnels	Drawn by	RC
Title	34-35 Furnival St Ground Movements – Post Excavation and Construction	Checked by	MS

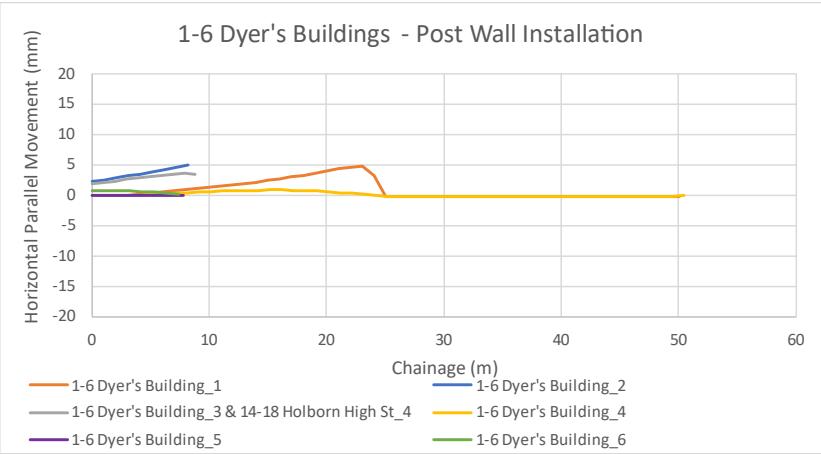
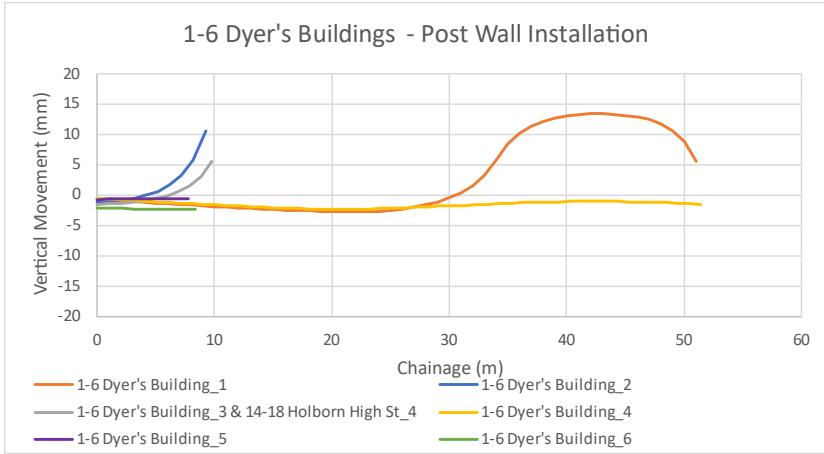
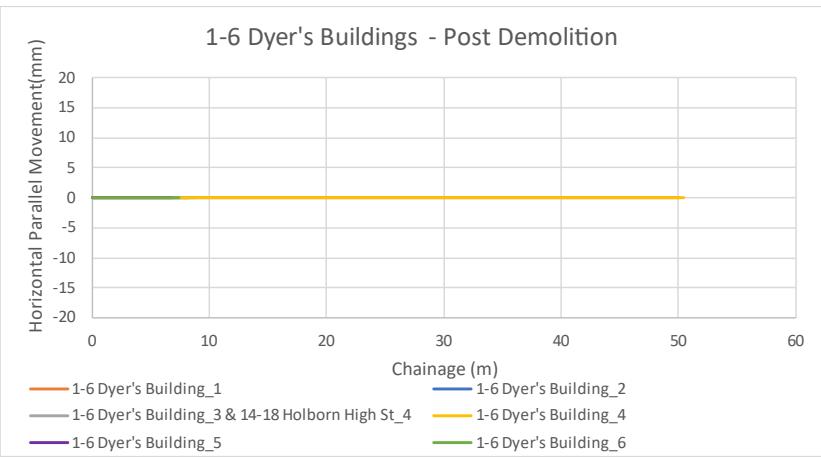
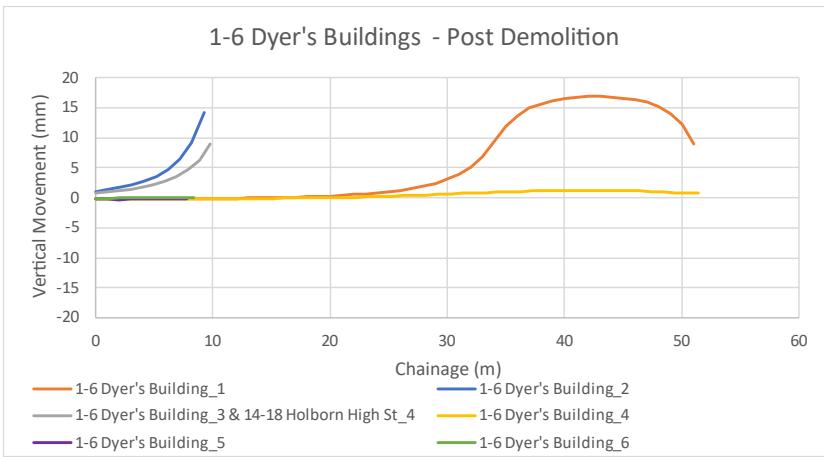


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.13
Project	TLT - The London Tunnels	Drawn by	RC
Title	34-35 Furnival St Ground Movements – Long-term	Checked by	MS

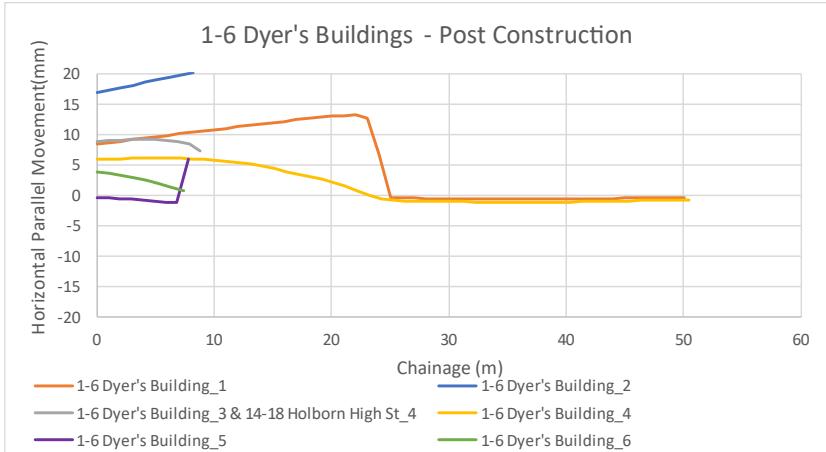
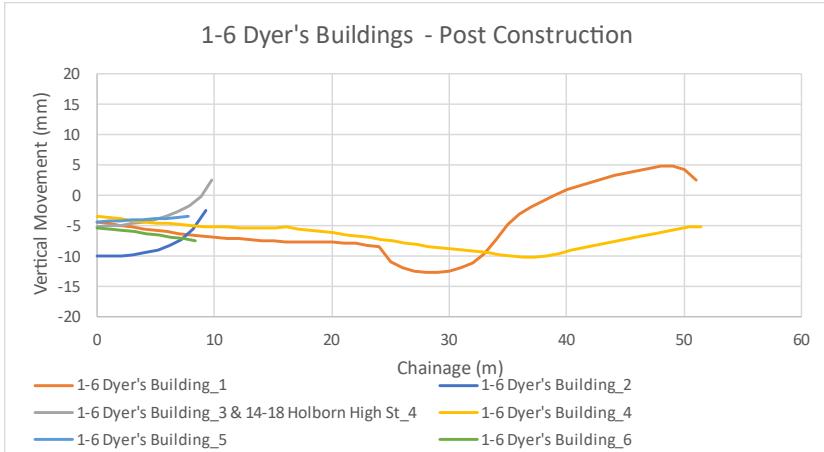
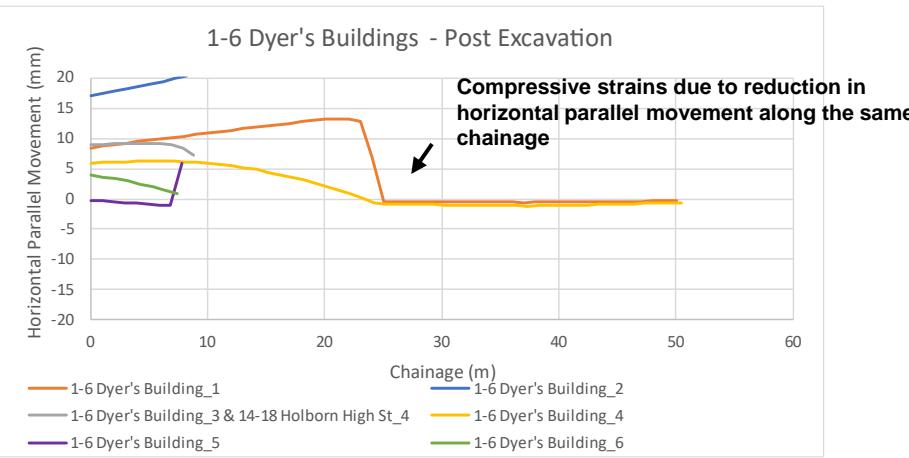
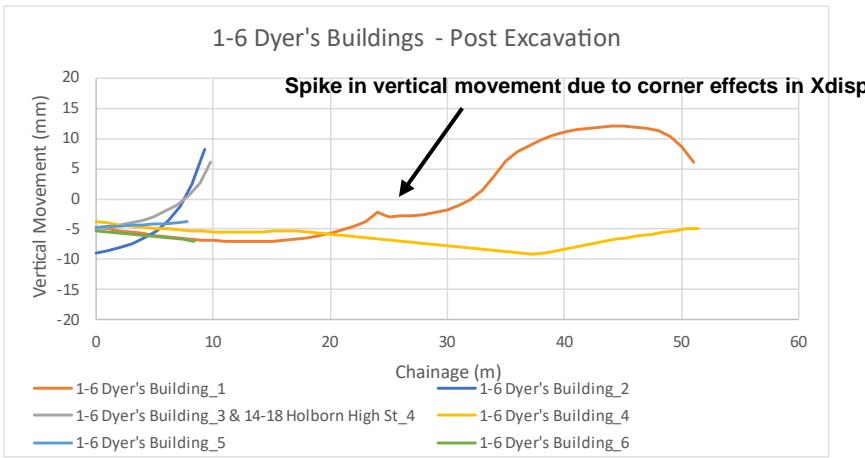


**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.14
Project	TLT - The London Tunnels	Drawn by	RC
Title	1-6 Dyer's Building Ground Movements – Post Demolition and Wall Installation		



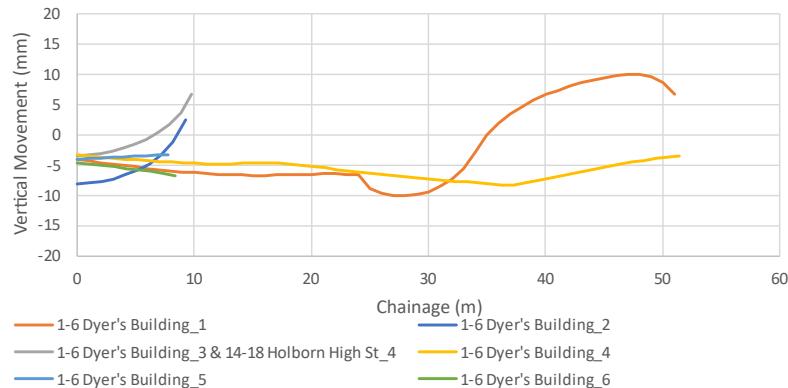
**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

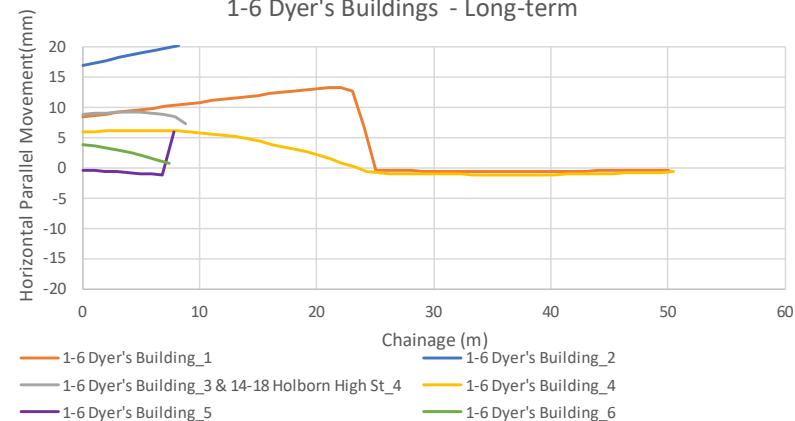


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.15
Project	TLT - The London Tunnels	Drawn by	RC
Title	1-6 Dyer's Building Ground Movements – Post Excavation and Construction		
			Checked by MS

1-6 Dyer's Buildings - Long-term



1-6 Dyer's Buildings - Long-term



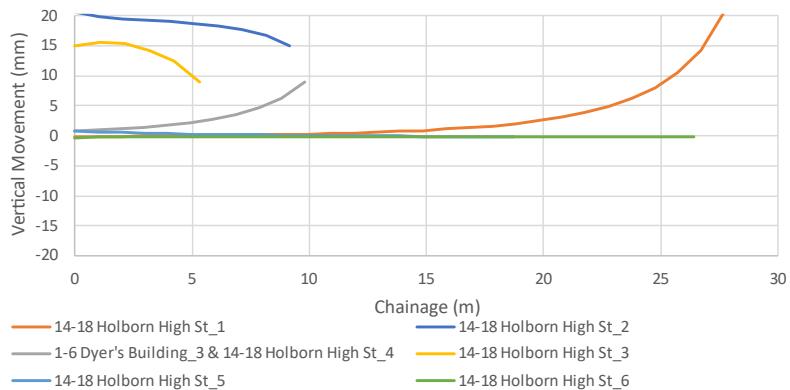
Notes:

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

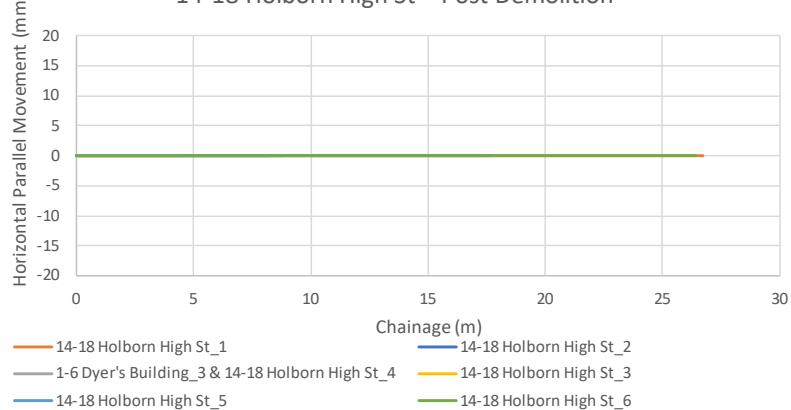


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.16
Project	TLT - The London Tunnels	Drawn by	RC
Title	1-6 Dyer's Building Ground Movements – Long-term	Checked by	MS

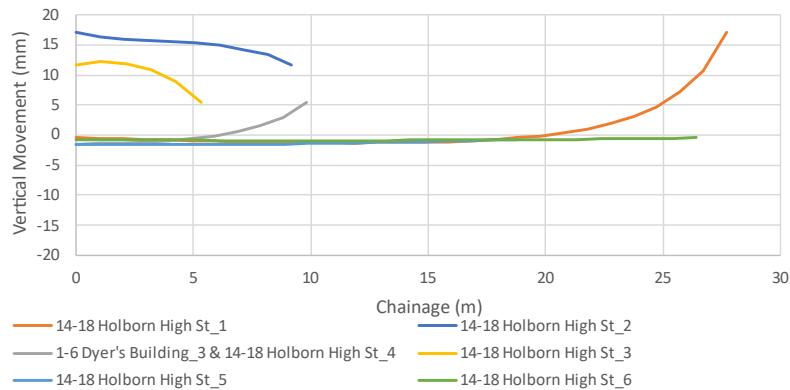
14-18 Holborn High St - Post Demolition



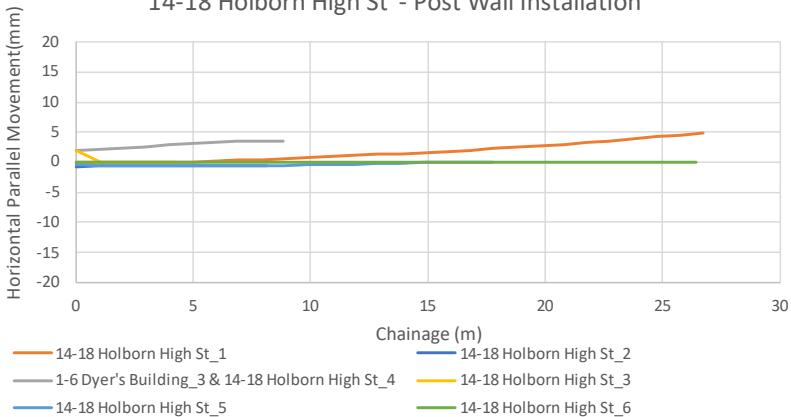
14-18 Holborn High St - Post Demolition



14-18 Holborn High St - Post Wall Installation



14-18 Holborn High St - Post Wall Installation

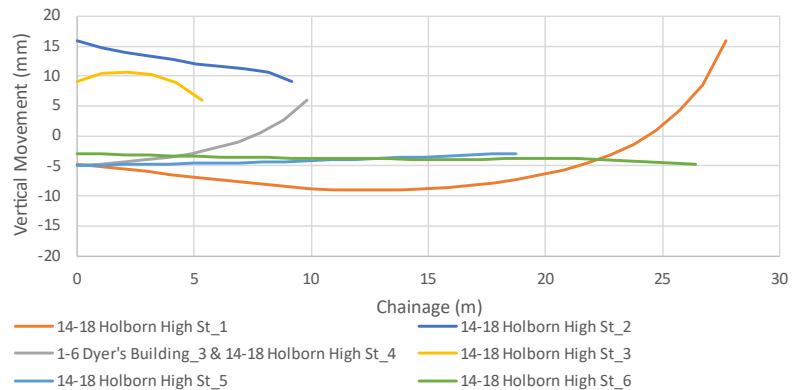
**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

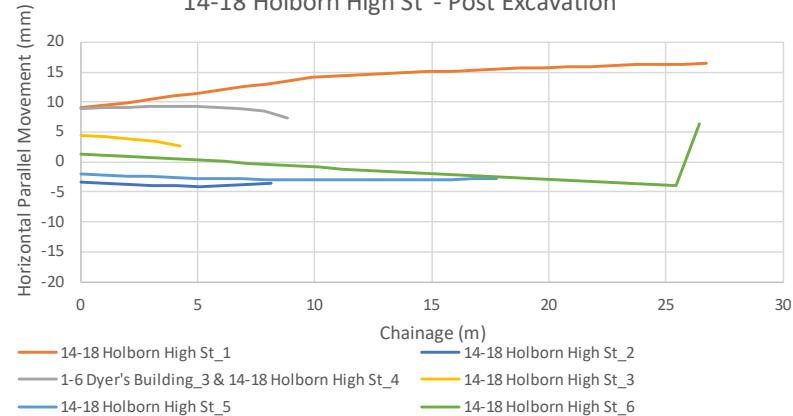


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.17
Project	TLT - The London Tunnels	Drawn by	RC
Title	14-18 Holborn High St Ground Movements – Post Demolition and Wall Installation		
			Checked by MS

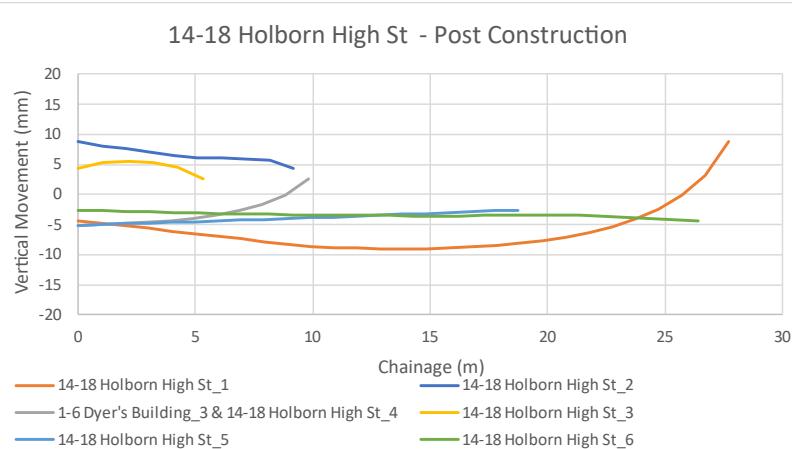
14-18 Holborn High St - Post Excavation



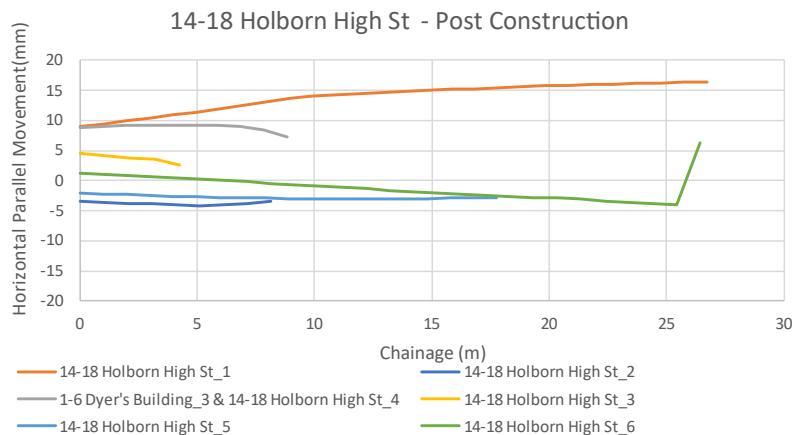
14-18 Holborn High St - Post Excavation



14-18 Holborn High St - Post Construction



14-18 Holborn High St - Post Construction

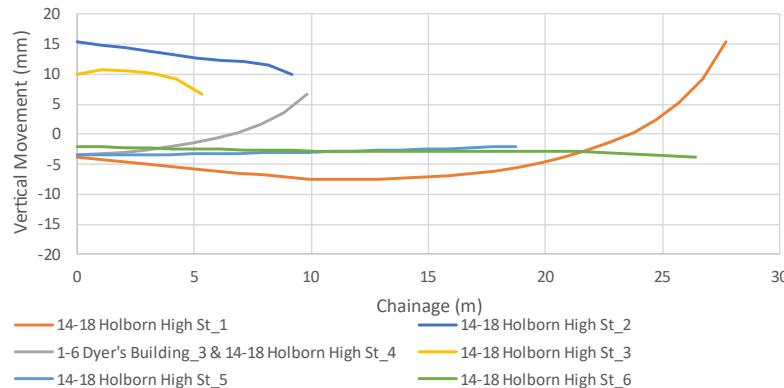
**Notes:**

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.

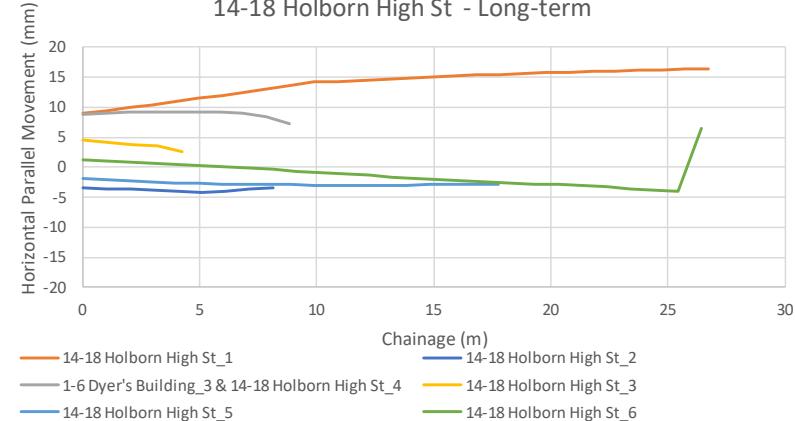


Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.18
Project	TLT - The London Tunnels	Drawn by	RC
Title	14-18 Holborn High St Ground Movements – Post Excavation and Construction	Checked by	MS

### 14-18 Holborn High St - Long-term



### 14-18 Holborn High St - Long-term



#### Notes:

- Positive vertical displacements indicate heave and negative refers to settlement;
- Positive horizontal parallel movement refers to displacements along the chainage orientation.



Project No.	70106185	Scale	NTS
Date	November 2023	Figure No.	Appendix I.19
Project	TLT - The London Tunnels	Drawn by	RC
Title	14-18 Holborn High St Ground Movements – Long-term	Checked by	MS



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