EPR Architects

Lincoln House, High Holborn Design and Access Statement

Lincoln House, High Holborn

9.0 **DEMOLITION PLANS**



- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
- 2 Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm long
- 4 Assume all edges of RC are to be disc-cut UNO Where edges of slab are to be demolished, floors are to be disc cut to face of nearest beam if applicable.
- 5 Care to be taken not to cut / adversely affect existing retained beams / columns while demolition is taking place. Contractor to undertake careful exploratory works and submit appropriate method statement to ensure retained structure is not damaged undertaking areas of demolition
- 7 Temporary bracing required prior to demolition of existing stability cores and until the new stability structure is in place. Contractor to submit full temporary works and sequencing proposal to the CA for review prior to commencing work
- The foundations of the existing structure must not be undermined. Upon exposing the retained structures the contractor should identify if any proposed excavation levels are deeper than the existing founding levels and notify the engineer accordingly
- 9 All existing structure is to be identified before any demolition is to take place.
- 10 The contractor is responsible for the temporary stability of the existing structure and those adjacent to it. The contractor is to design and construct all necessary temporary support systems.

The existing structural information shown on these drawings is based on visual inspection of the building, limited opening is works and relevent archive information. All details of the existing construction are subject to confirmation by the contractor during the works on site. No materials are to be ordered until the relevant details and conditions are confirmed by the contractor of site. Should the contractor discover any discrepancies between the assumed existing structure and what is found on site they should notify the engineer immediately, and await further instruction

Demolition legend

		Area of floor to be demolished
		Beam demolished / removed
	I	Column demolished / removed
		RC / Masonry wall demolished

 P1
 16.12.16
 MC
 RB
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 Rev
 Date
 By
 Eng
 Amendments



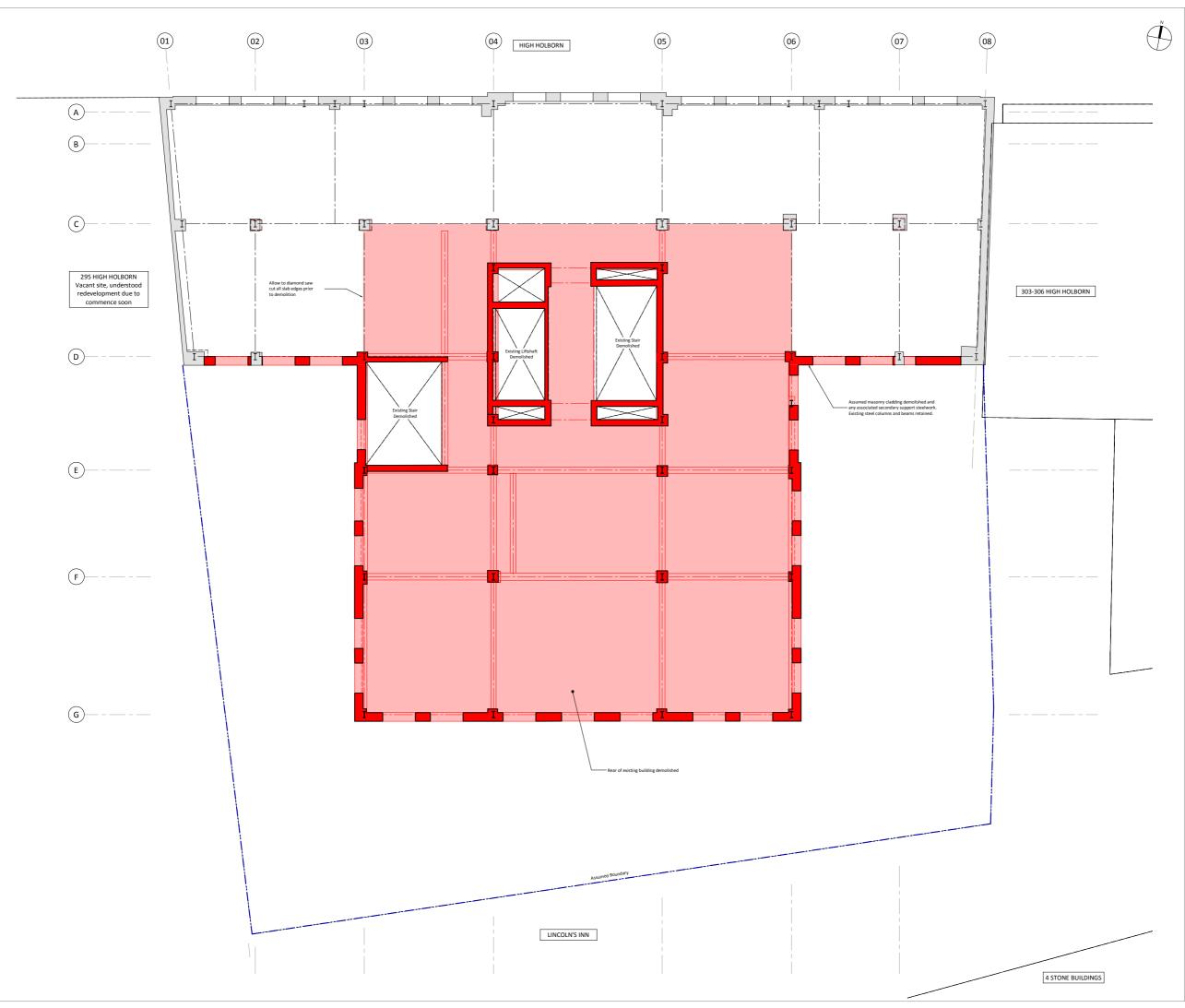
STRUCTURAL ENGINEERS

Job Name 296-302 Lincoln House High Holborn, WC1

Ground Floor Demolition Plan

Purpose of Issue **Preliminary** Scale at A0 1:50

Drawing No 1392 / D100 Rev P1



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- 9 All existing structure is to be identified before any demolition is to take place.
- 10 The contractor is responsible for the temporary stability of the existing structure and those adjacent to it. The contractor is to design and construct all necessary temporary support systems.
- 11 This drawing shows structure to be demolished. All non structural items are not shown for clarity. Refer to the Architect's drawings for non-structural demolition elements.

The existing structural information shown on these drawings is based on visual inspection of the building, limited opening up works and relevent archive information. All details of the existing construction are subject to confirmation by the Contractor during the works on site. No materials are to be ordered until the relevant details and conditions are confirmed by the Contractor of usings. Should the contractor discover any discrepancies between the assumed existing structure and what is found on site they should notify the engineer immediately, and await further instruction

Demolition legend

	Area of floor to be demolished
	Beam demolished / removed
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HEYNE TILLETT STEEL

STRUCTURAL ENGINEERS

^{Job Name} 296-302 Lincoln House High Holborn, WC1

3rd Floor Demolition Plan

Purpose of Issue **Preliminary** Scale at A0 1:50

Drawing No 1392 / D130 Rev P1





100mm @ A0 (50mm @ A2)

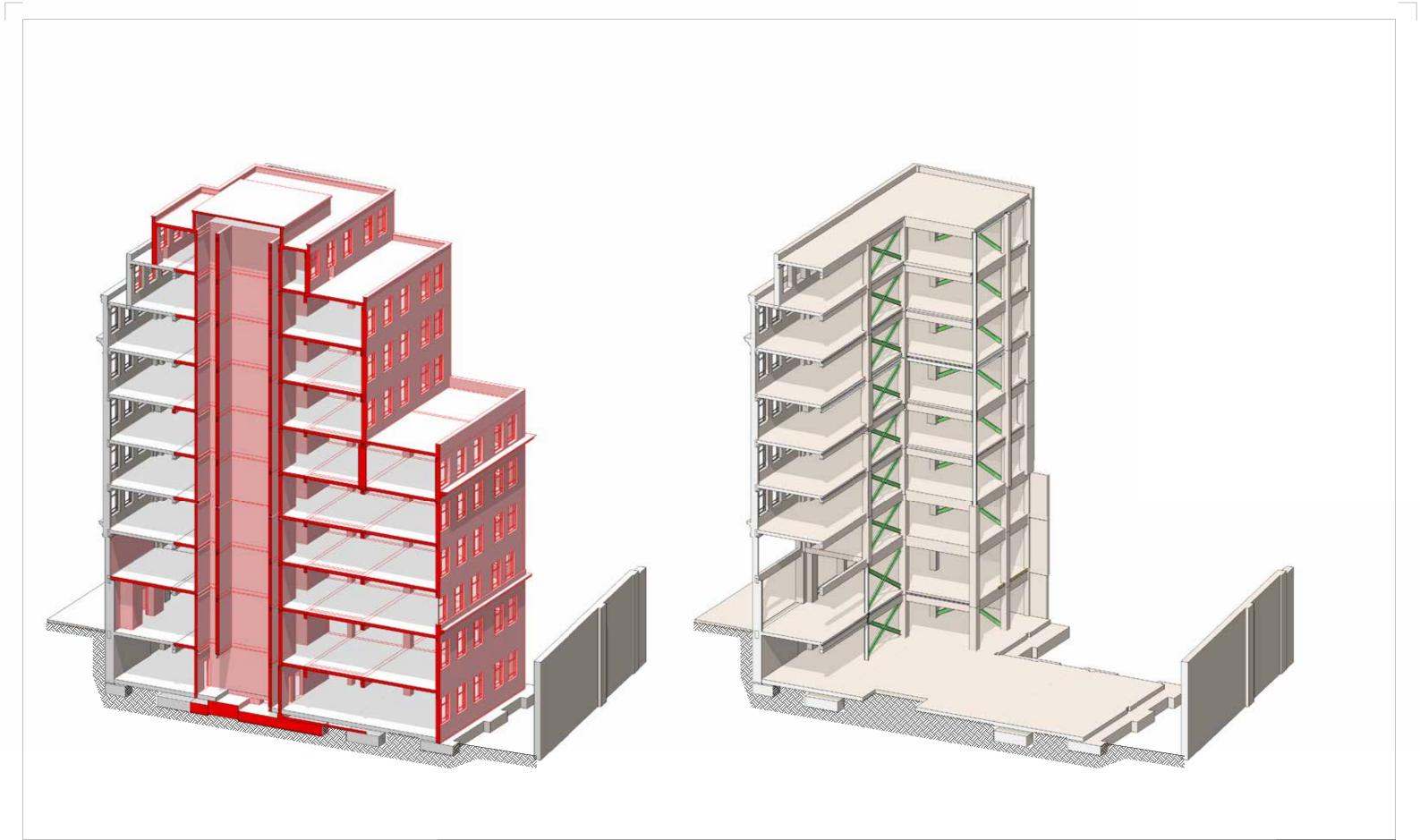


STRUCTURAL ENGINEERS

^{Job Name} 296-302 Lincoln House High Holborn, WC1

Drawing Title
Perspective views of
Demolition and
Post-demolition

Purpose of Issue **Preliminary** Scale at



100mm @ A0 (50mm @ A2)



STRUCTURAL ENGINEERS

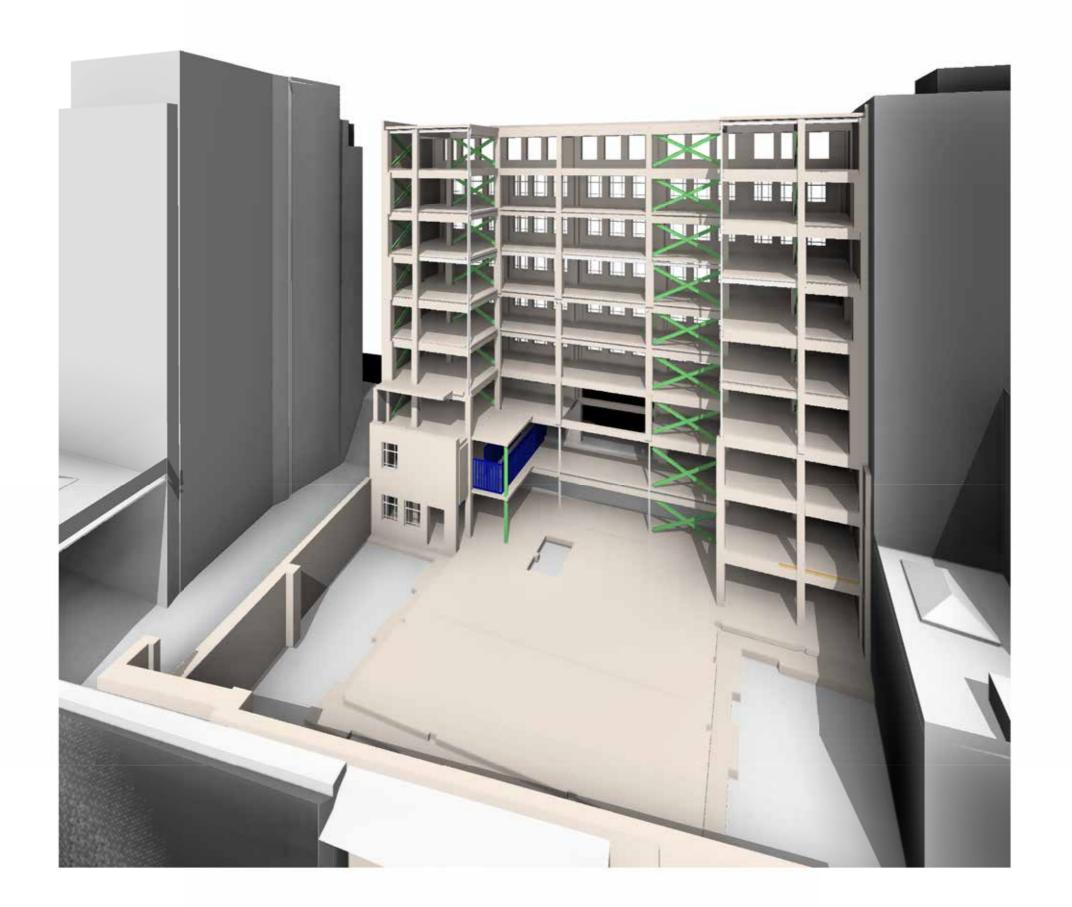
^{Job Name} 296-302 Lincoln House High Holborn, WC1

Isometric views of Demolition and Post-demolition

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Drg No 1392/TW003



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HEYNE TILLETT STEEL

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Perspective view
Post-demolition

Purpose of Issue **Preliminary** Scale at A0

Drg No 1392/TW004 Rev 1



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Perspective View
Core Construction

Purpose of Issue **Preliminary** Scale at A0

Drg No 1392/TW005

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Temporary Works Notes

These drawings are issued as a guide only to aid preliminary pricing.

The temporary works and demolition will need to be coordinated with the build of the new sub and super structures.

Temporary works are to be designed to limit any clashes with the permanent works.

The contractor is responsible for the following:
Determination of all structures requiring
temporary support as a result of the demolition.
Design of the temporary works and sequence.
Determination of all wind leads to B65399 which
the temporary works are to be designed for.
Determination of all wireful andas which the
temporary works are to be designed for.

The temporary works design and method of construction will be subject to the following approvals:
Approval by the client team - allow 4 weeks
Approval by the adjoining owners - allow 6 weeks
Approval by the Council - Contract to 16 isse with Council and allow sufficient time for approvals.

The temporary works are to be designed in accordance with the following:
-85 EN 1281-1 & 855975 temporary works.
-85 EN 1995-1-1 masonry.
-85 EN 1993-1-1 steelwork.
-85 EN 1993-1-1 temporary.
-85 EN 1993-1-1 temporary.
-85 EN 1993-1-1 temporary.
-85 EN 1993-1-1 timber.
-85 EN 1993-1-1 timber.
-61 EN 1993-1-1 timber.
-61 EN 1993-1-1 timber.

The temporary works are to limit movexisting structure to the following:
Slabs -span/500
Columns -height/800
party walls -maximum10mm ovex

Temporary Works Legend				
	Bay to have full height lateral diagonal bracing.			
+	Slab / beam to be propped for vertical load or indicative temporary works column .			
→	Lateral restraints to column or			

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STRUCTURAL ENGINEERS

Job Name 296-302 Lincoln House High Holborn, WC1

Ground Floor Demolition Plan

Purpose of Issue **Preliminary** Scale at A0 1:50

Drawing No 1392 / TW100 Rev P1



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Temporary Works Notes

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The temporary works and demolition will need to be coordinated with the build of the new sub and super structures.

Temporary works are to be designed to limit any clashes with the permanent works.

I The contractor is responsible for the following:

Determination of all structures requiring temporary upont as a result of the demolition. Design of the temporary works and sequence. Determination of all wind loads to 865399 which the temporary works are to be designed for. Determination of all vertical loads which the temporary works are to be designed for.

The temporary works design and method of construction will be subject to the following approvals:
Approval by the client team - allow 4 weeks
Approval by the adjoining owners - allow 6 weeks
Approval by the Council - Contract to to liase with Council and allow sufficient time for approvals.

The temporary works are to be designed in accordance with the following:
-85 EN 1281-1 & ESS997 Stemporary works.
-85 EN 1996-1 -1 masonry.
-85 EN 1996-1 -1 relinforced concrete.
-85 EN 1995-1 -1 tembored.
-85 EN 1991-1 -1 lembored concrete.
-85 EN 1991-1 lembored.
-85 EN 1991-1 loading.
-Ciria CS79 retention of facades.

The temporary works are to limit more existing structure to the following: Slabs - span/500 Columns - height/800 party walls - maximum10mm over

Temporary Works Legend

	Bay to have full height lateral diagonal bracing.			
+	Slab / beam to be propped for vertical load or indicative temporary works column .			
 →	Lateral restraints to column or wall required			

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STRUCTURAL ENGINEERS

Job Name 296-302 Lincoln House High Holborn, WC1

3rd Floor Demolition Plan

Purpose of Issue **Preliminary** Scale at A0

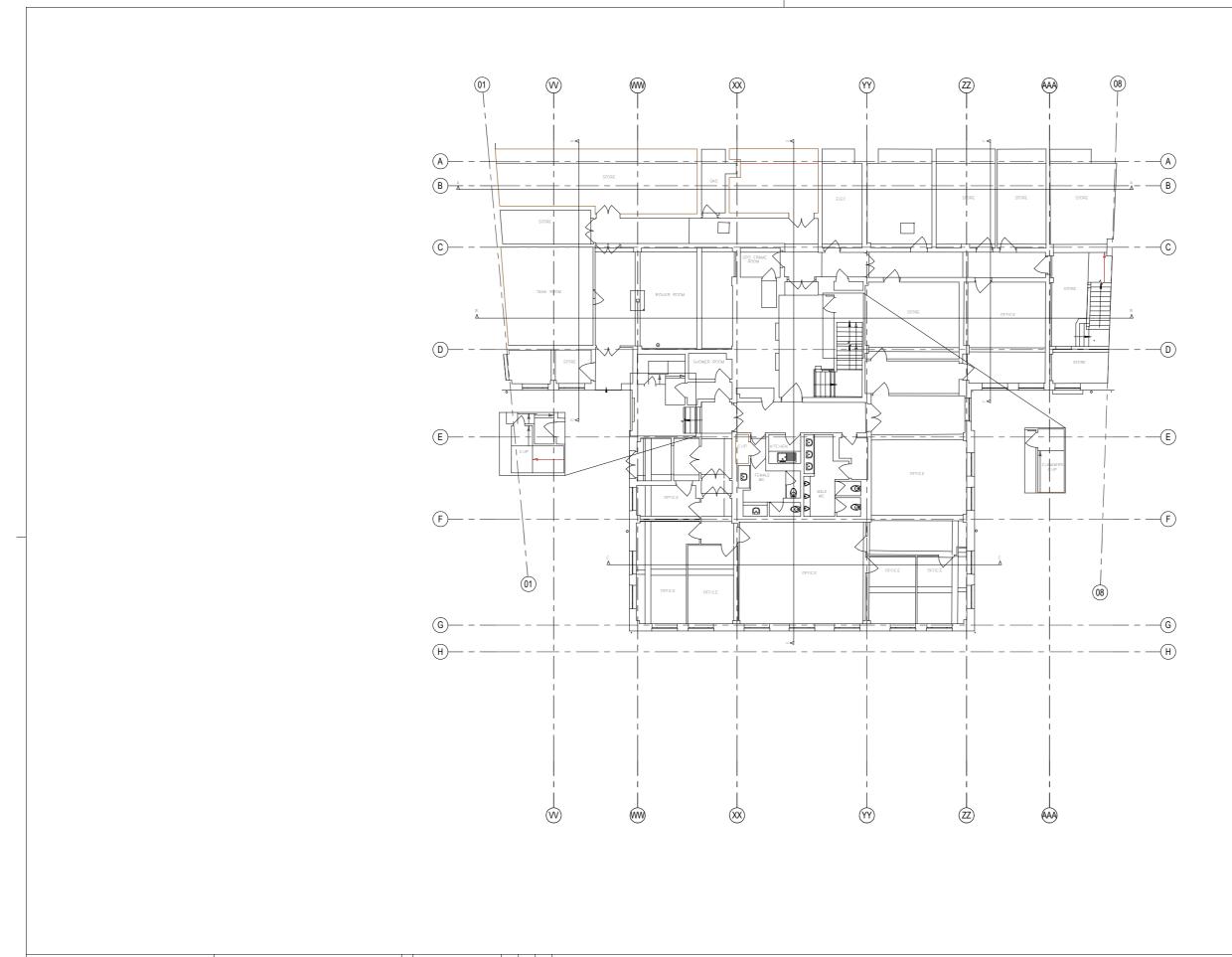
Drawing No 1392 / TW130 Rev

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Lincoln House, High Holborn Design and Access Statement

Lincoln House, High Holborn

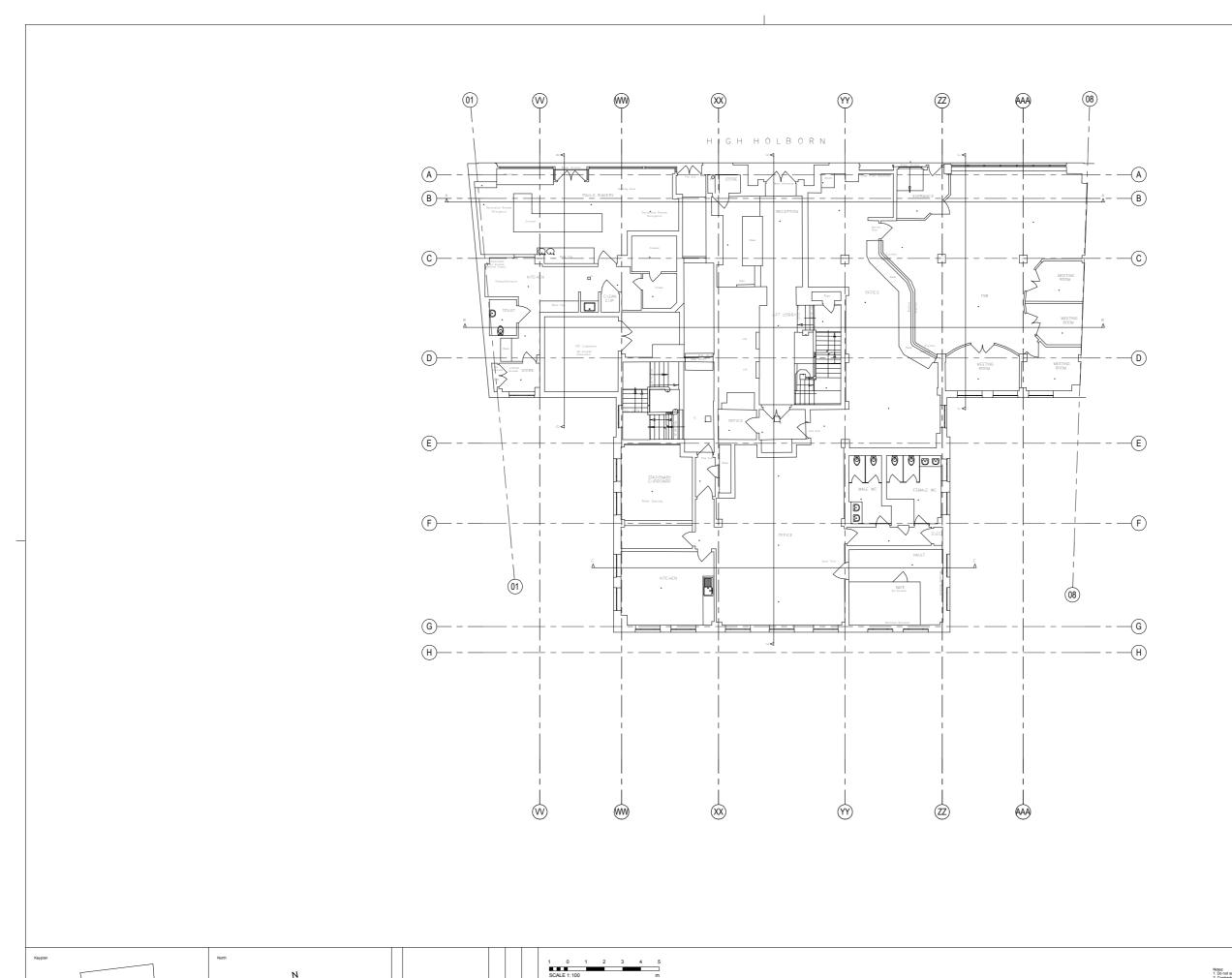
10.0 **EXISTING PLANS**



Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Basement Plan

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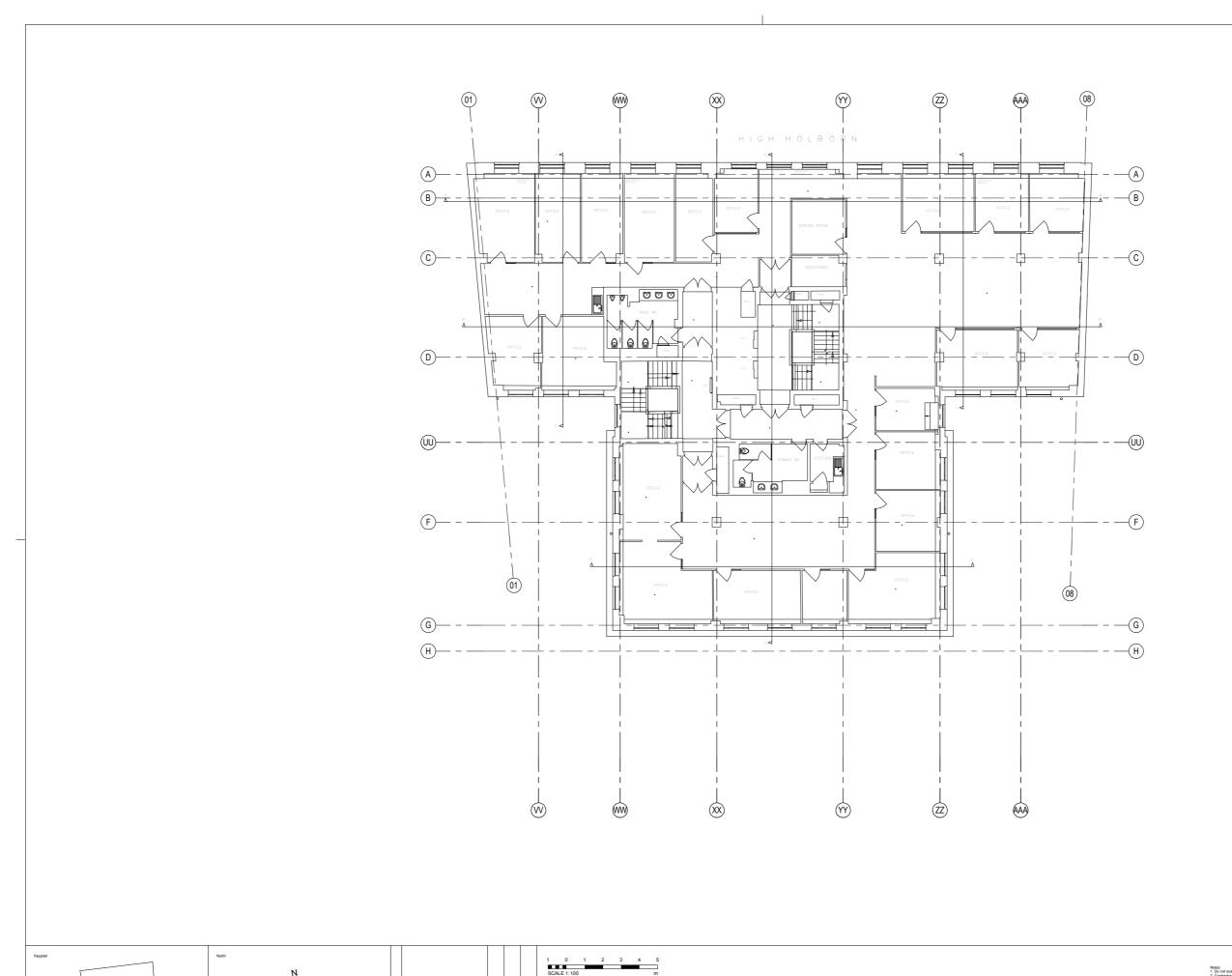
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Lincoln House 296-302 High Holborn WC1V-7JH London

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Existing Ground Floor Plan

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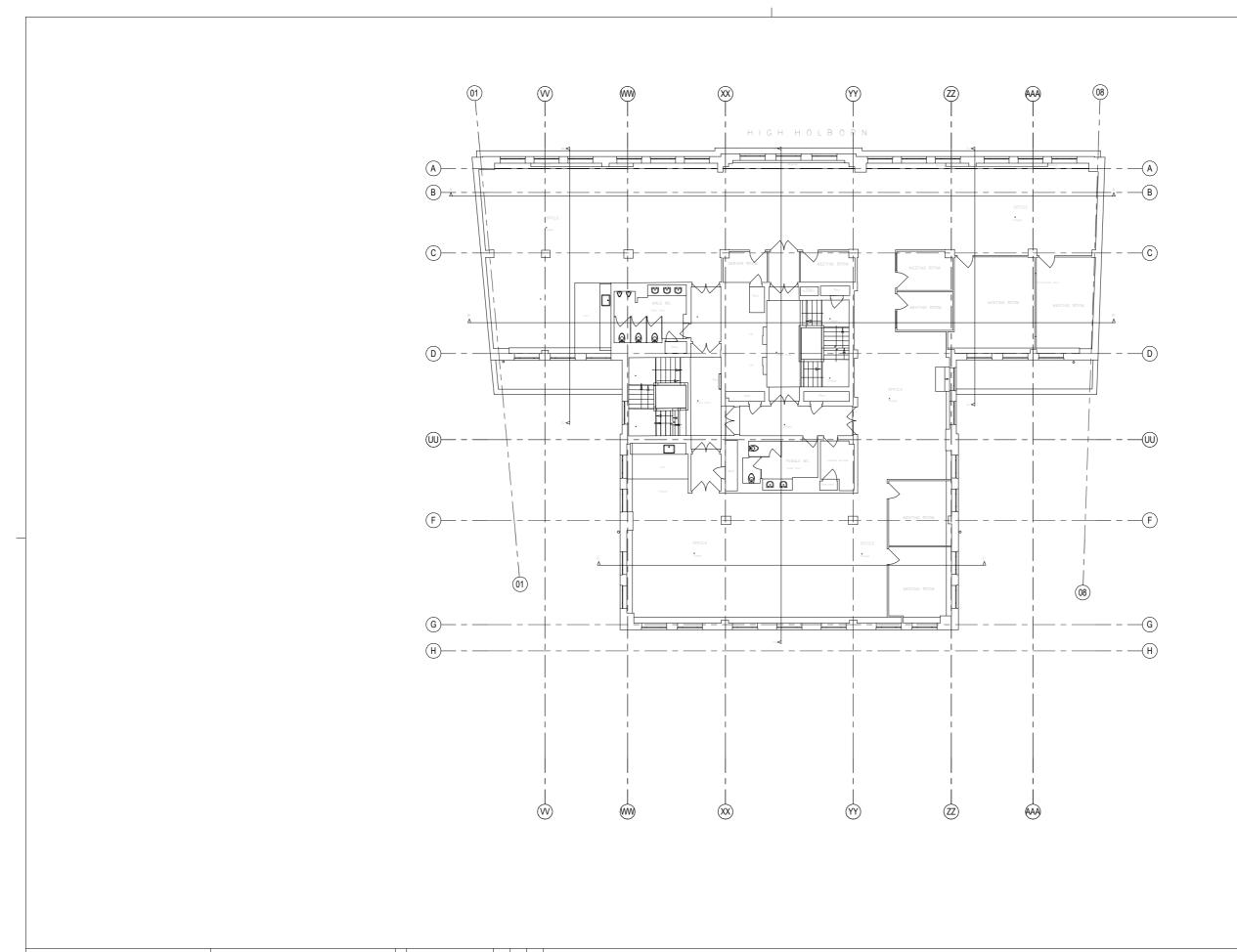
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Lincoln House 296-302 High Holborn WC1V-7JH London

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Existing First Floor Plan

For Planning 1:100 @ A1 11/21/16
Project No Originator Zone Level Type Role Number Rev
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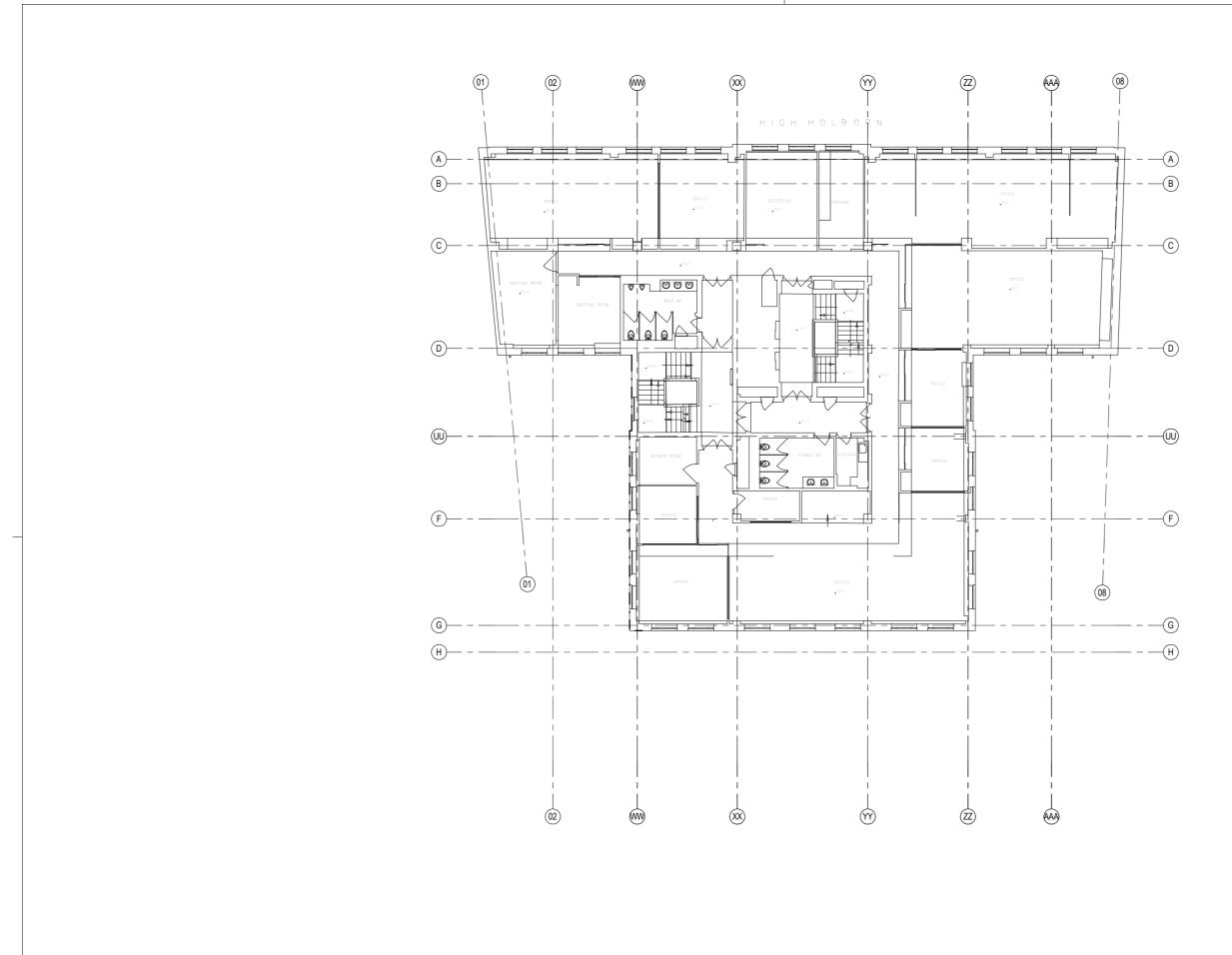


1 0 1 2 3 4 5 SCALE 1:100 m

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Lincoln House 296-302 High Holborn WC1V-7JH London

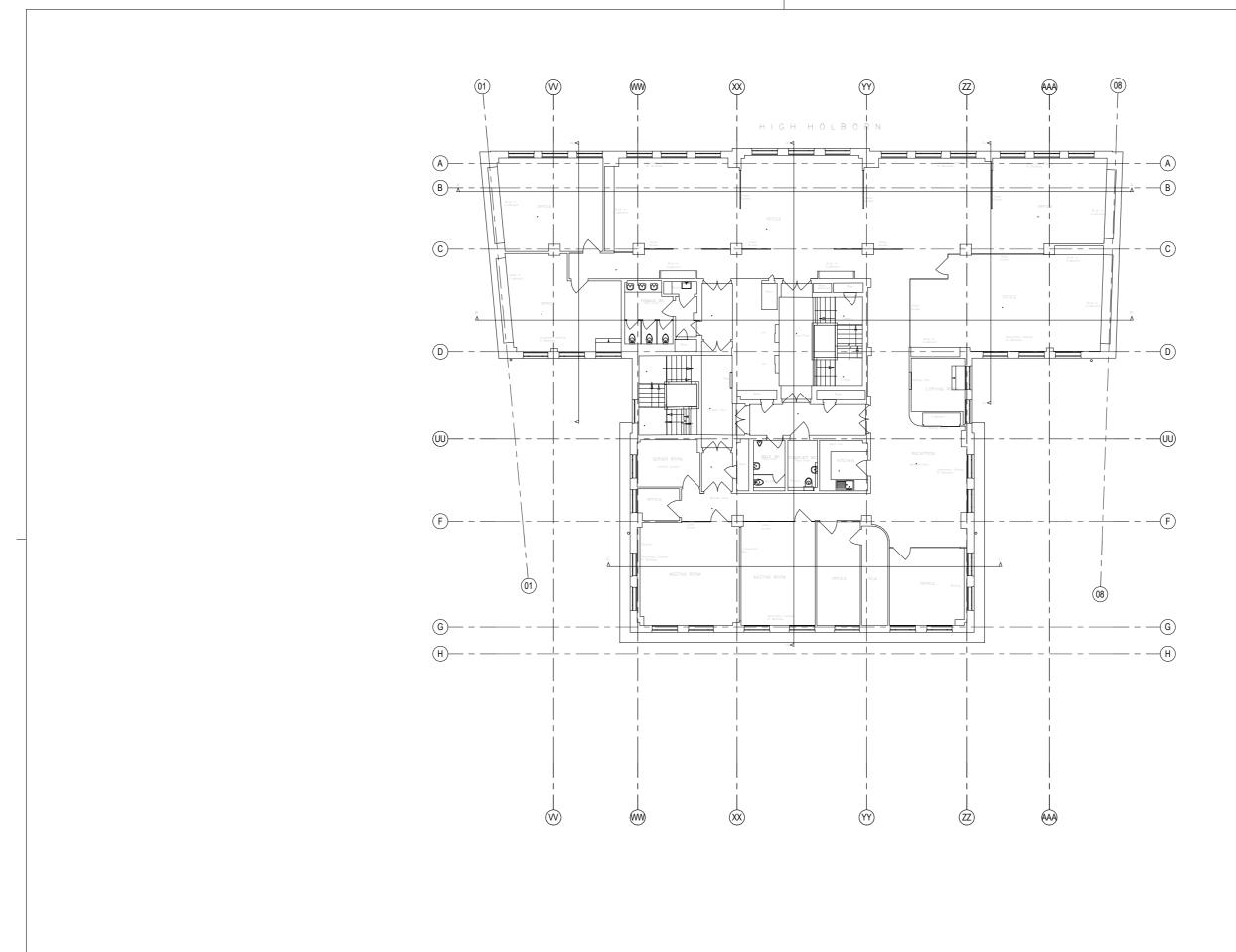
Existing Second Floor Plan



Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Third Floor Plan

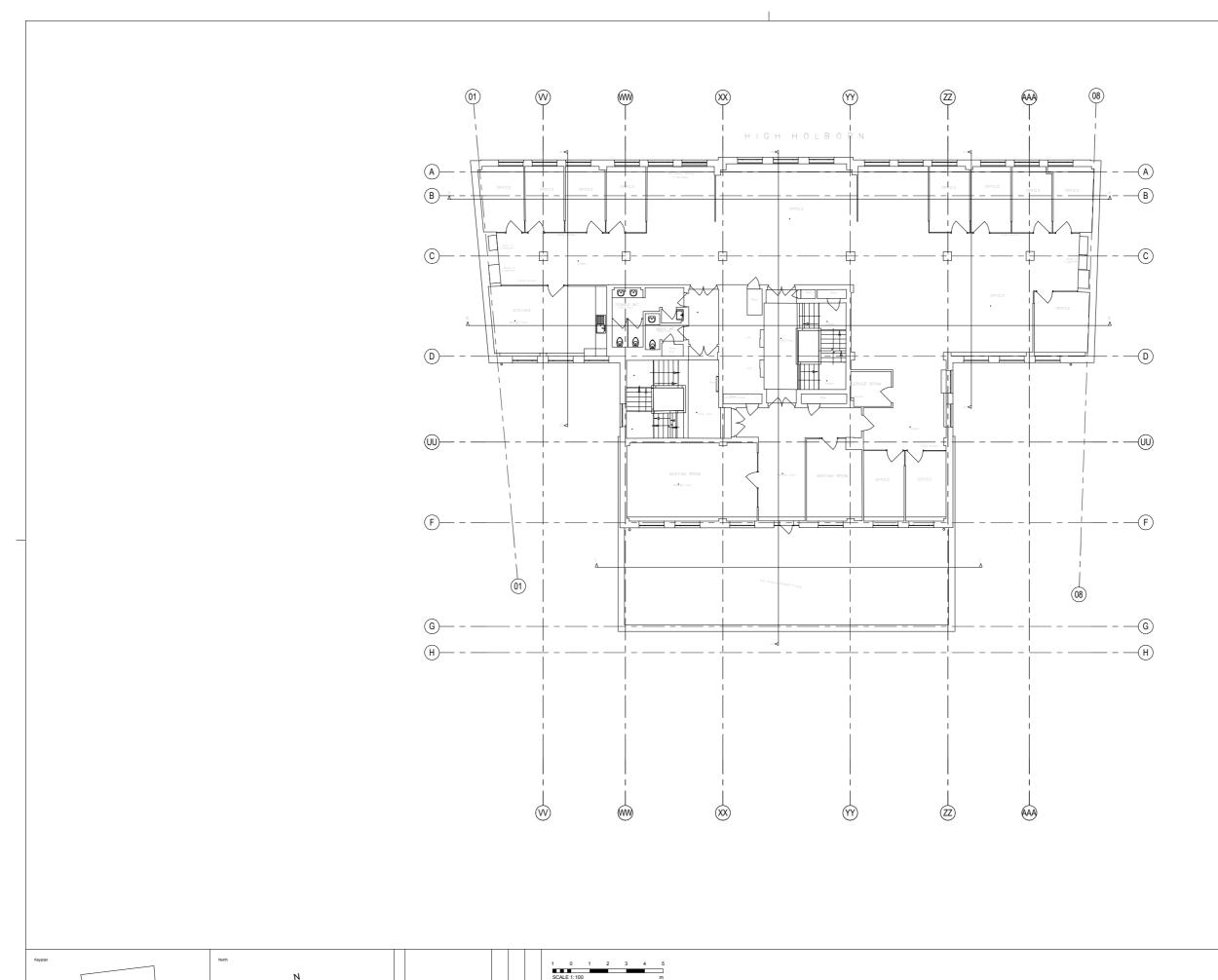
1 0 1 2 3 4 5 SCALE 1:100 m



1 0 1 2 3 4 5 SCALE 1:100 m

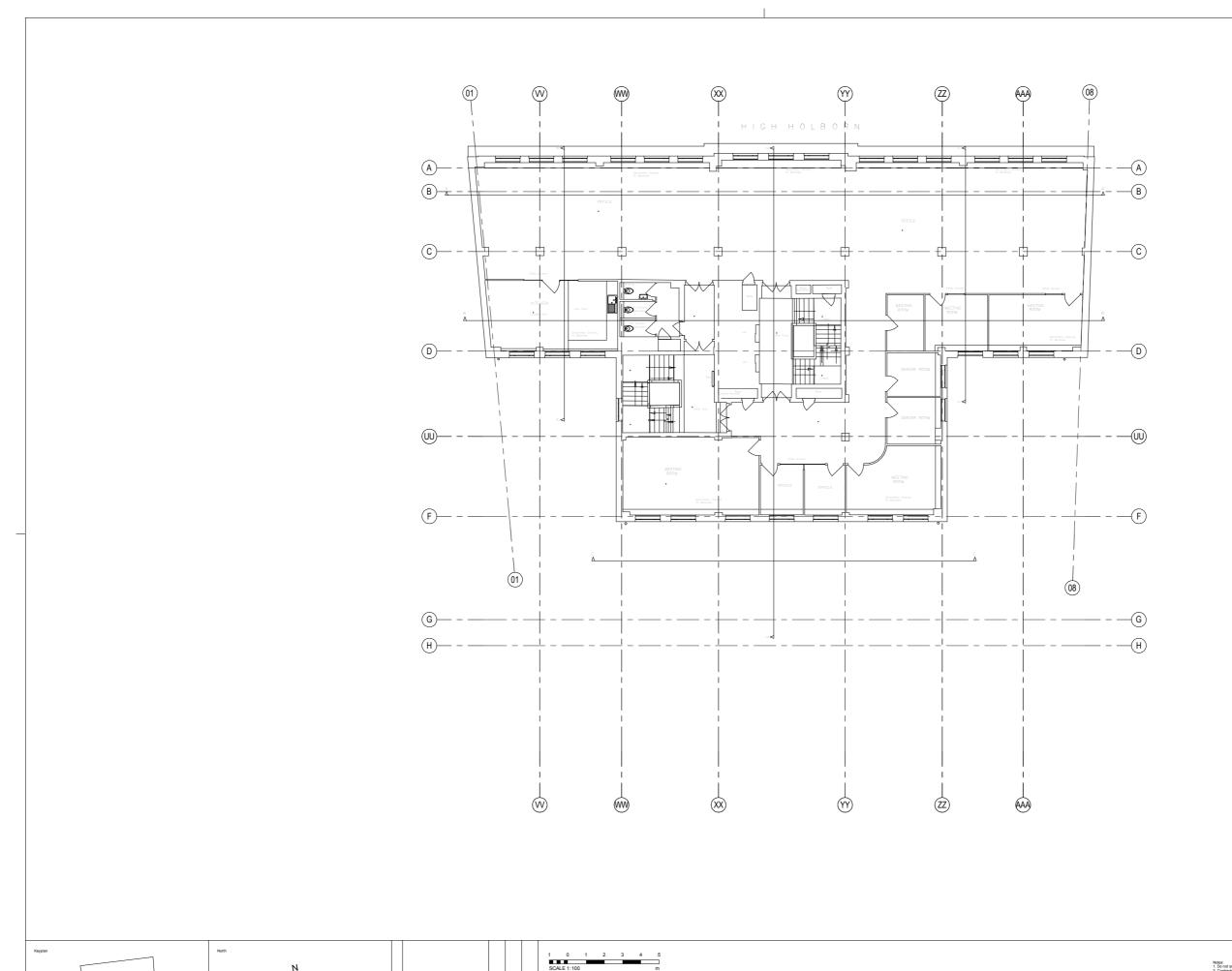
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Lincoln House 296-302 High Holborn WC1V-7JH London Existing Fourth Floor Plan



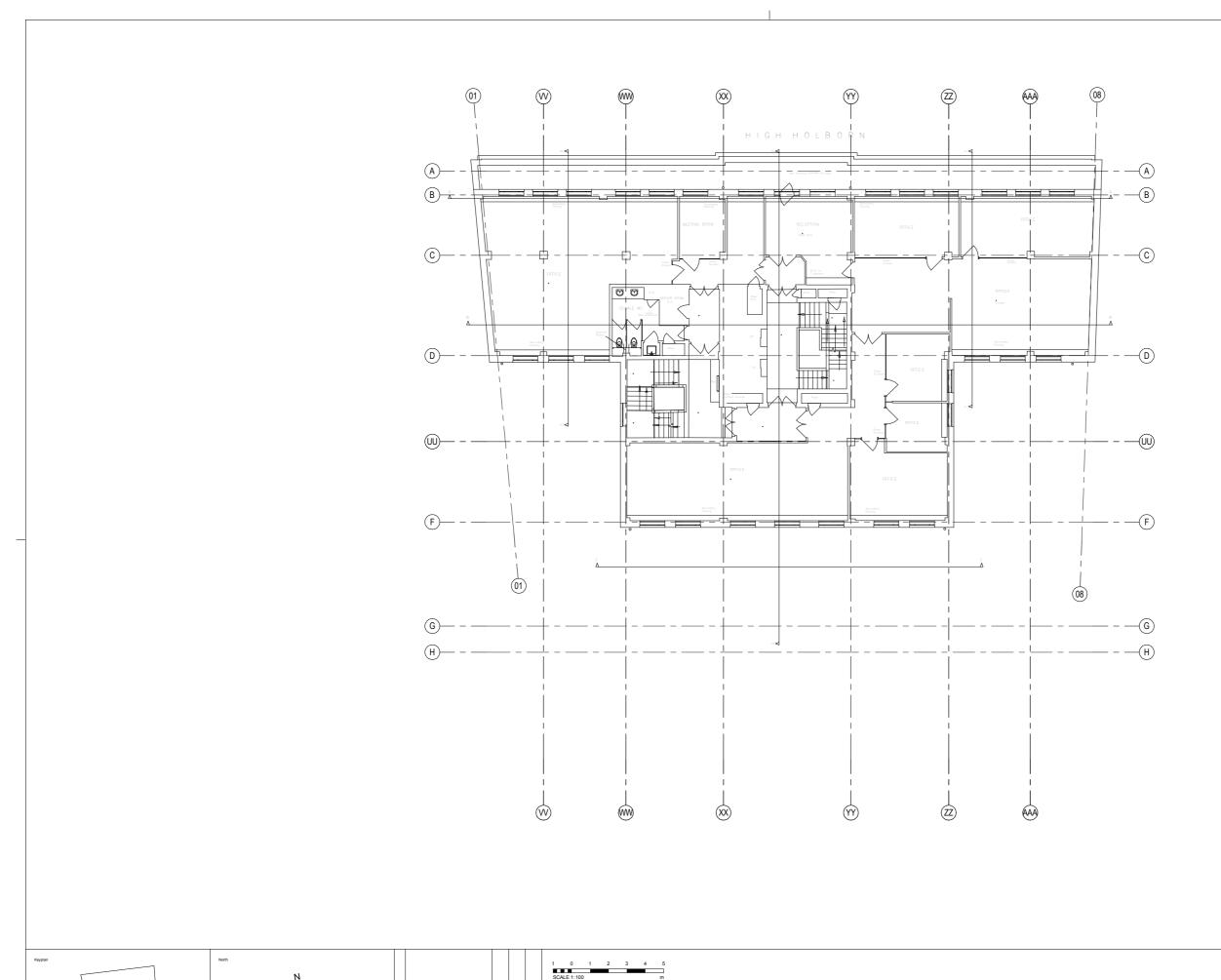
Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Fifth Floor Plan



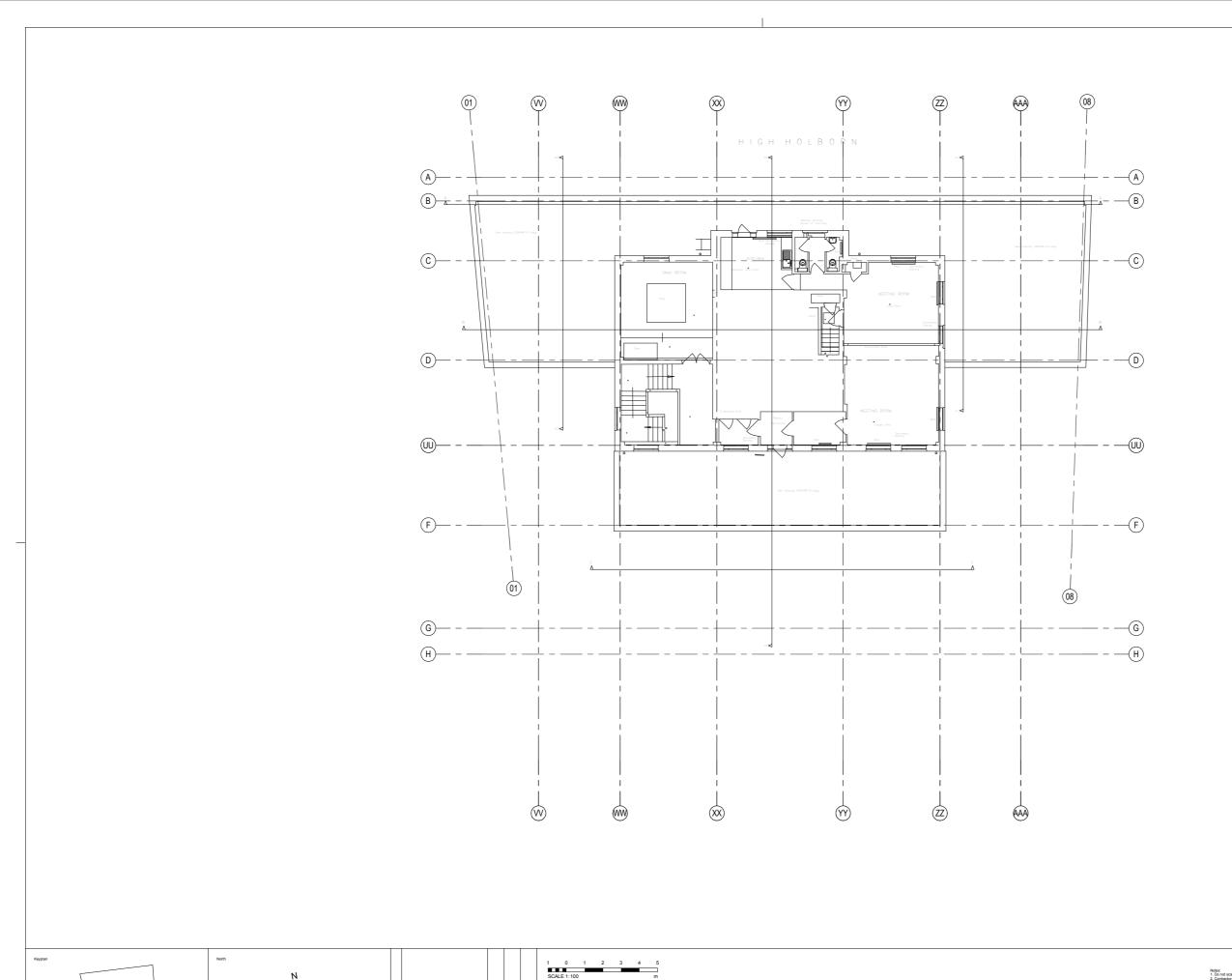
Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Sixth Floor Plan

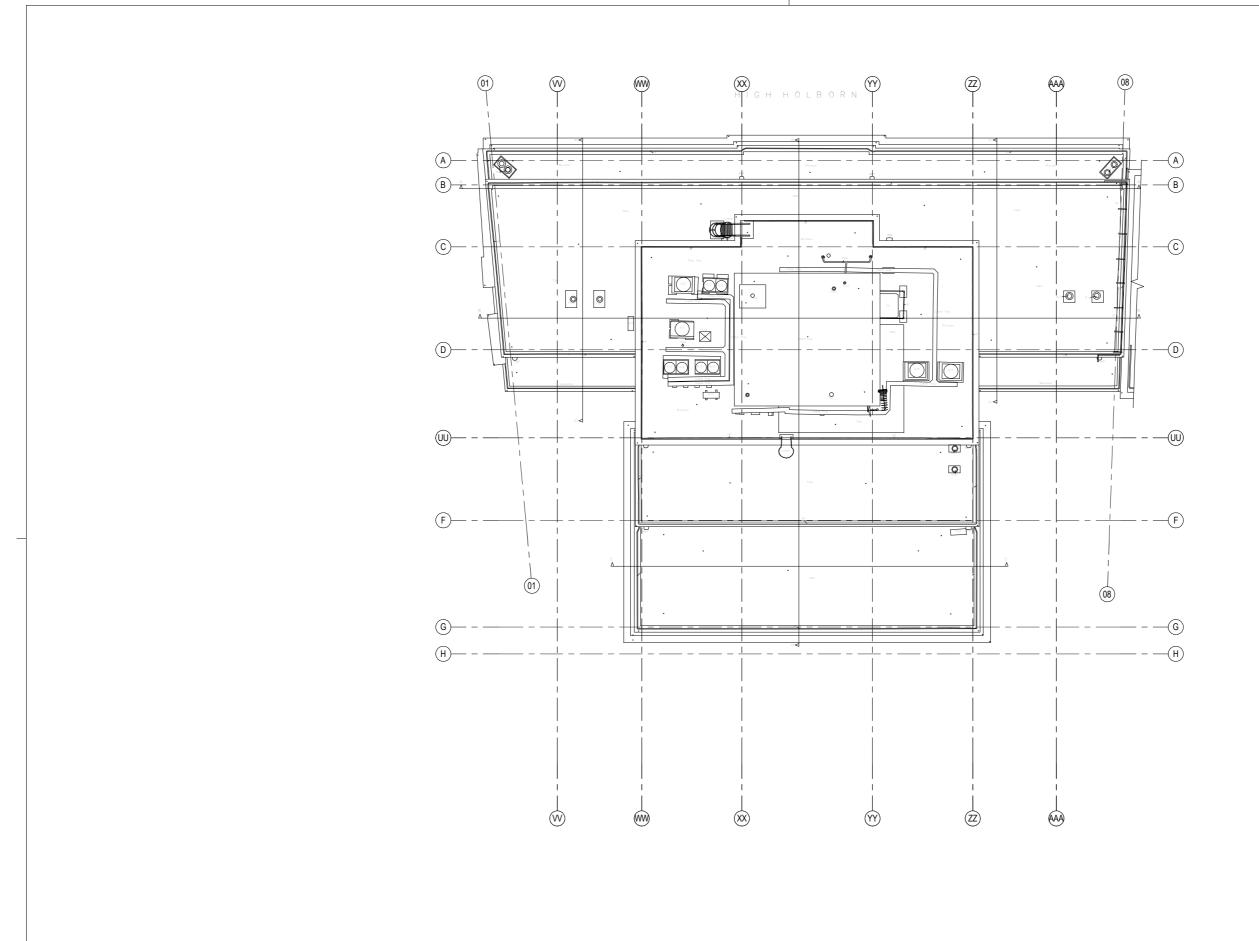


Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Seventh Floor Plan



Lincoln House 296-302 High Holborn WC1V-7JH London Existing Eight Floor Plan



1 0 1 2 3 4 5 SCALE 1:100 m

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Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Roof Top Plan



1 0400-NO-Existing Elevation 1:100

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296-302 High Holborn WC1V-7JH London Existing Elevation North



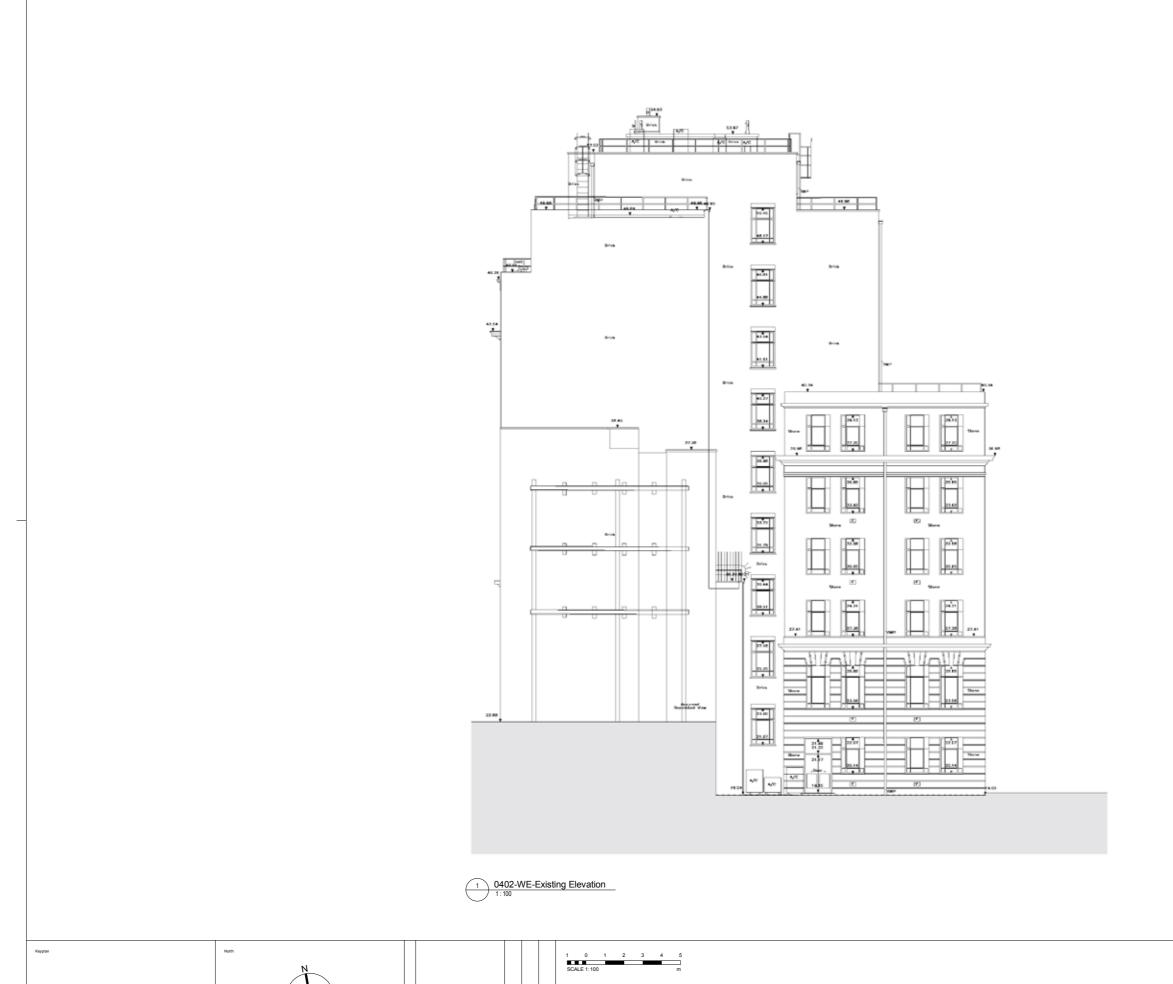
1 0401-SO-Existing Elevation

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Existing Elevation South



Lincoln House 296-302 High Holborn WC1V-7JH London

Existing Elevation West

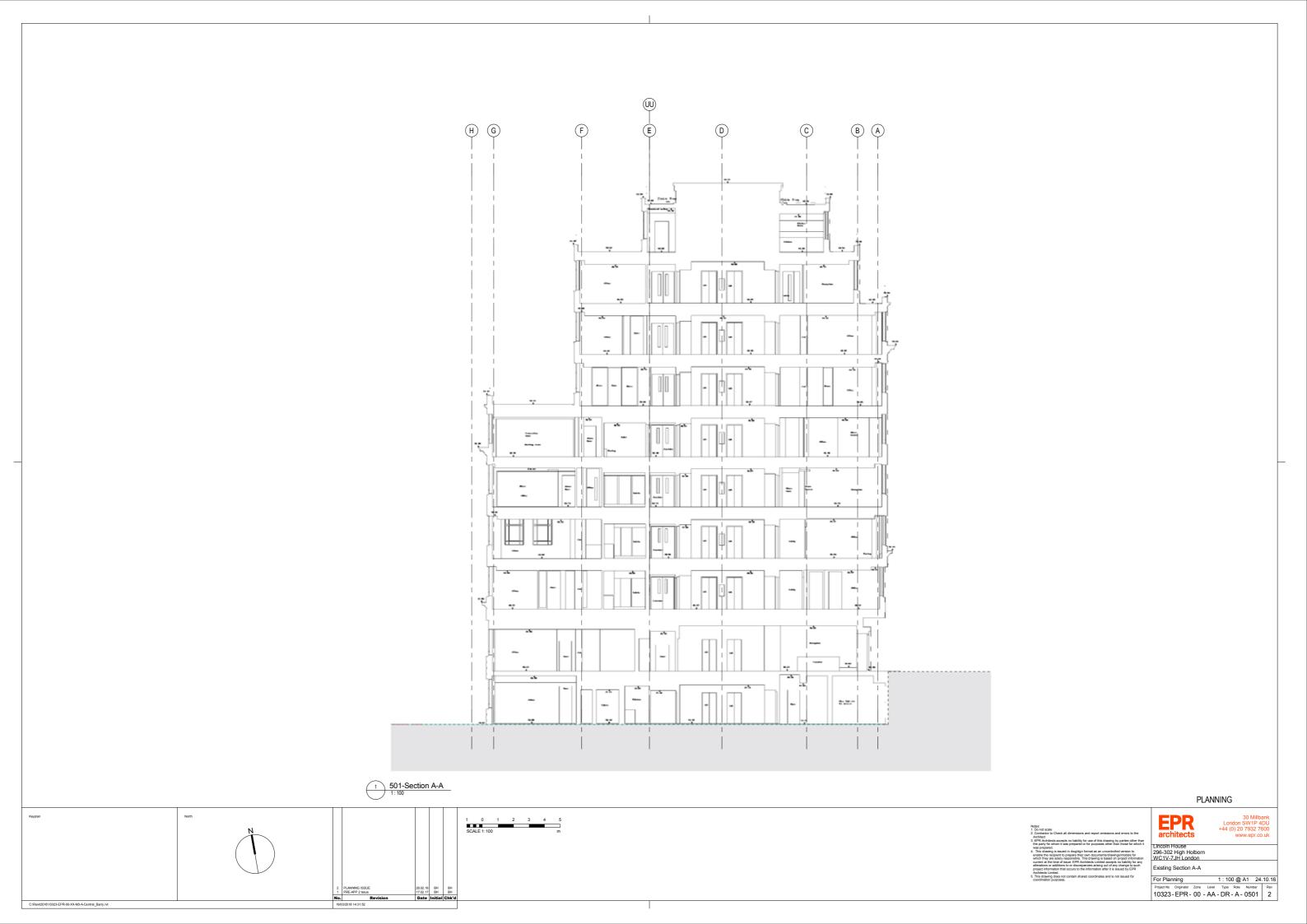


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Existing Elevation East

1 0 1 2 3 4 5 SCALE 1:100 m





Existing Section B-B