













- ### Column Schedule

C1	203x203x16 UC
C2	152x152x30 UC
C3	100x100x8 SHS
RC1	350 x 500 RC
RC3	250 x 600 RC
RC4	250 x 400 RC
RC5	350 x 850 RC

Beam Schedule

B1	203x133x25 UB
B2	305x165x46 UB
B3	203x133x30 UB
B4	254x102x28 UB
B5	254x146x37 UB
B6	305x165x54 UB
B7	356x171x67 UB
B8	457x191x98 UB
B9	356x127x33 UB
B10	203x203x71 UC
B11	254x254x132 UC
B12	254x146x43 UB
B13	203x203x46 UC
B14	406x178x85 UKB

Legend

	2004 x 50w S24c joists at 400 ctrs with 18 thick plywood screwed to top face of joists
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	PSK P51 - 450lg x 215wd x 150dp MC padstone P51 - 600lg x 215wd x 215dp MC padstone
	Connection Strengthening
	Moment connection
	B1 (25mm) Pre-camber
	C Crank
	S Splice
	TB Thermal Break
	BR Break in beam

Wall Notation

All RC walls to be 200thk U.N.O

Lintel Notation

All brickwork above windows, if not supported by proprietary support system, to receive Catnic standard duty angle lintels

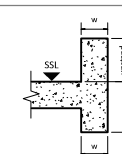
Lintels to internal blockwork walls (U.N.O) to be:

Up to 1500 span	=	100dp prestressed lintel
1501 to 2500 span	=	140dp prestressed lintel
2501 to 3500 span	=	215dp prestressed lintel

Staircase Notation

All internal staircases to be in-situ concrete on stairmaster permanent formwork with 150mm thick waist & 200mm thick landing

Upstand/Downstand Notation



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

**HEYNE
TILLET
STEEL**

Job Name
3 - 6 Spring Place, London

Drawing Title
Proposed Ground Floor

Purpose of Issue	BIA Issue	Scale at A0	1 : 10
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Drawing No **1399 / P110** Rev **P1**

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Drawing No **1399 / P130** Rev **P1**

- 1 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
- 3 All steelwork to be S355 grade unless noted otherwise
- 4 Secondary steelwork for facade support by others

Column Schedule

C1	203x203x46 UC
C2	152x152x30 UC
C3	100x100x8 SHS
RC1	350 x 500 RC
RC3	250 x 600 RC
RC4	250 x 400 RC
RC5	350 x 850 RC

Beam Schedule

B1	203x133x25 UB
B2	305x165x46 UB
B3	203x133x30 UB
B4	254x102x28 UB
B5	254x146x37 UB
B6	305x165x54 UB
B7	356x171x67 UB
B8	457x191x98 UB
B9	356x177x93 UB
B10	203x203x71 UC
B11	254x254x132 UC
B12	254x146x43 UB
B13	203x203x46 UC
B14	406x178x85 UKB

Legend

	200d x 50w C24 joists at 400 crs with 18 thk plywood screwed to top face of joists
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	PSx - 450lg x 215wd x 150dp MC padstone PS1 - 600lg x 215wd x 215dp MC padstone
	Connection Strengthening
	Crank
	Splice
	Moment connection
	Thermal Break
	B1 / 25mm / Pre-camber
	BR Break in beam

Wall Notation

All RC walls to be 200thk U.N.O

Lintel Notation

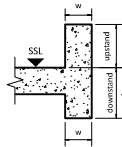
All brickwork above windows, if not supported by proprietary support system, to relieve Catnic standard duty angle lintels.

Lintels to internal blockwork walls (U.N.O) to be:
Up to 1500 span = 100dp prestressed lintel
1501 to 2500 span = 140dp prestressed lintel
2501 to 3500 span = 215dp prestressed lintel

Staircase Notation

All internal staircases to be In-situ concrete on stairmaster permanent formwork with 150mm thick waist & 200mm thick landing

Uprand/Downstand Notation



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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Job Name
3 - 6 Spring Place, London

Drawing Title
Proposed Third Floor

Purpose of Issue **BIA Issue** Scale at A0 **1 : 100**

Drawing No **1399 / P140** Rev **P1**

- 1 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
- 3 All steelwork to be S355 grade unless noted otherwise
- 4 Secondary steelwork for facade support by others

Column Schedule

C1	203x203x46 UC
C2	152x152x30 UC
C3	100x100x8 SHS
RC1	350 x 500 RC
RC3	250 x 600 RC
RC4	250 x 400 RC
RC5	350 x 850 RC

Beam Schedule

B1	203x133x25 UB
B2	305x165x46 UB
B3	203x133x30 UB
B4	254x102x28 UB
B5	254x146x37 UB
B6	305x165x54 UB
B7	356x171x67 UB
B8	457x191x98 UB
B9	356x177x93 UB
B10	203x203x71 UC
B11	254x254x132 UC
B12	254x146x43 UB
B13	203x203x46 UC
B14	406x178x85 UKB

Legend

	200d x 50w C24 joists at 400 crs with 18 thk plywood screwed to top face of joists
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	PS1 - 450lg x 215wd x 150dp MC padstone PS1 - 600lg x 215wd x 215dp MC padstone
	Connection
	Strengthening
	Moment connection
	Pre-camber
	Crank
	Splice
	Thermal Break
	Break in beam

Wall Notation

All RC walls to be 200HK U.N.O

Lintel Notation

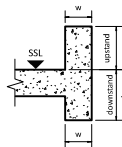
All brickwork above windows, if not supported by proprietary support system, to relieve Catnic standard duty angle lintels.

Lintels to internal blockwork walls (U.N.O) to be:
Up to 1500 span = 100dp prestressed lintel
1501 to 2500 span = 140dp prestressed lintel
2501 to 3500 span = 213dp prestressed lintel

Staircase Notation

All internal staircases to be In-situ concrete on stairmaster permanent formwork with 150mm thick waist & 200mm thick landing

Uprand/Downstand Notation



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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Job Name
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Drawing Title
Proposed Fourth Floor

Purpose of Issue: **BIA Issue** Scale at A0: **1 : 100**

Drawing No: **1399 / P150** Rev: **P1**



-

Drawing No **1399 / P160** Rev **P1**

- 1 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
- 3 All steelwork to be S355 grade unless noted otherwise
- 4 Secondary steelwork for facade support by others

Column Schedule

C1	203x203x46 UC
C2	152x152x30 UC
C3	100x100x8 SHS
RC1	350 x 500 RC
RC3	250 x 600 RC
RC4	250 x 400 RC
RC5	350 x 850 RC

Beam Schedule

B1	203x133x25 UB
B2	305x165x46 UB
B3	203x133x30 UB
B4	254x102x28 UB
B5	254x146x37 UB
B6	305x165x46 UB
B7	356x171x67 UB
B8	457x191x98 UB
B9	356x177x53 UB
B10	203x203x71 UC
B11	254x254x132 UC
B12	254x146x43 UB
B13	203x203x46 UC
B14	406x178x85 UKB

Legend

	200d x 50w C24 joists at 400 crs with 18 thk plywood screwed to top face of joists
	Proposed RC structure
	Proposed WRC structure
	Proposed Steel Framing
	PS5 - 450lg x 215wd x 150dp MC padstone
	PS1 - 600lg x 215wd x 215dp MC padstone
	Connection Strengthening
	Moment connection
	B1 / 25mm / Pre-camber
	C Crank
	S Splice
	TB Thermal Break
	BR Break in beam

Wall Notation

All RC walls to be 200HK U.N.O

Lintel Notation

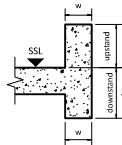
All brickwork above windows, if not supported by proprietary support system, to relieve Catnic standard duty angle lintels.

Lintels to internal blockwork walls (U.N.O) to be:
Up to 1500 span = 100dp prestressed lintel
1501 to 2500 span = 140dp prestressed lintel
2501 to 3500 span = 215dp prestressed lintel

Staircase Notation

All internal staircases to be In-situ concrete on stairmaster permanent formwork with 150mm thick waist & 200mm thick landing

Upstand/Downstand Notation



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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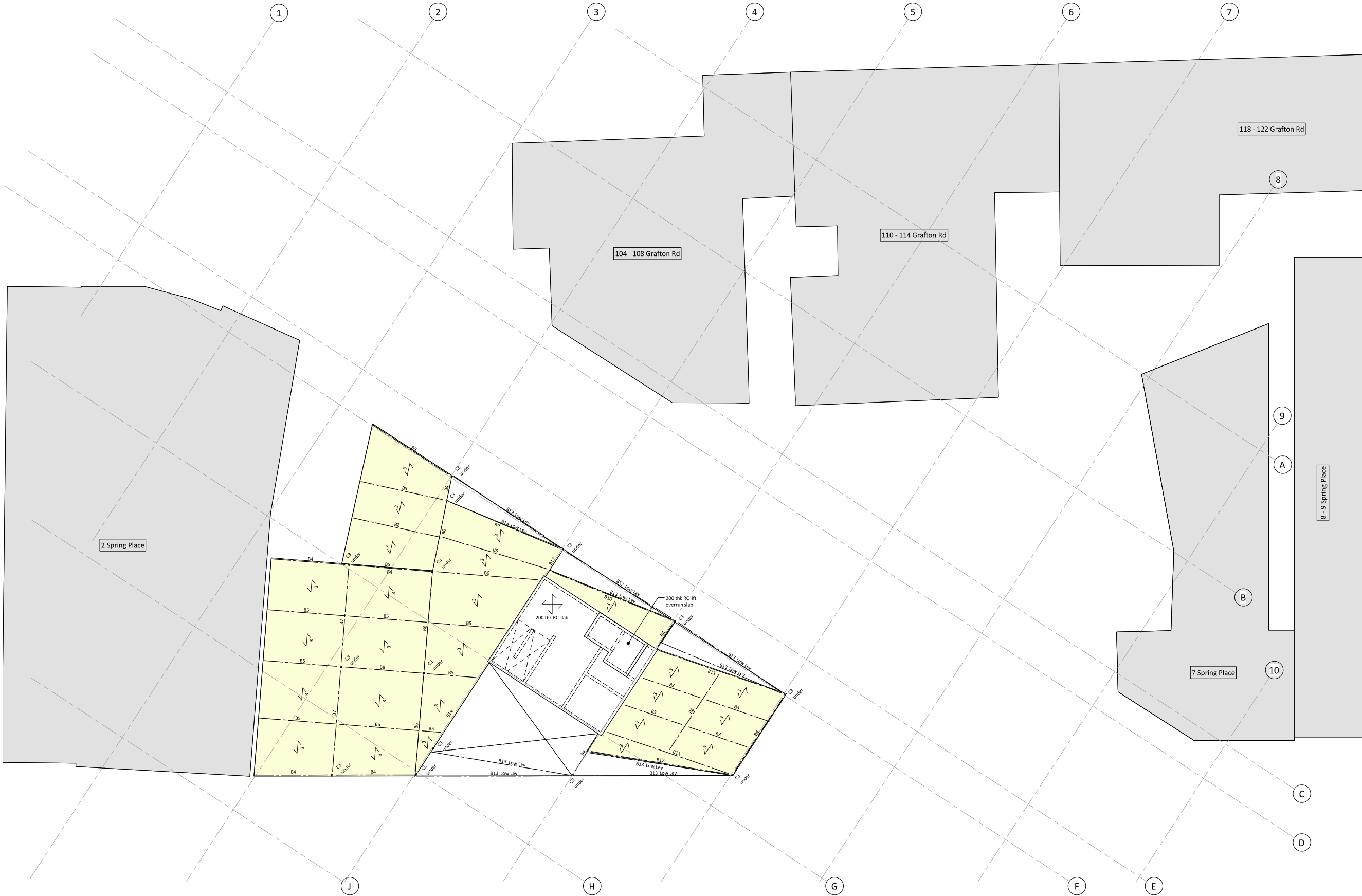
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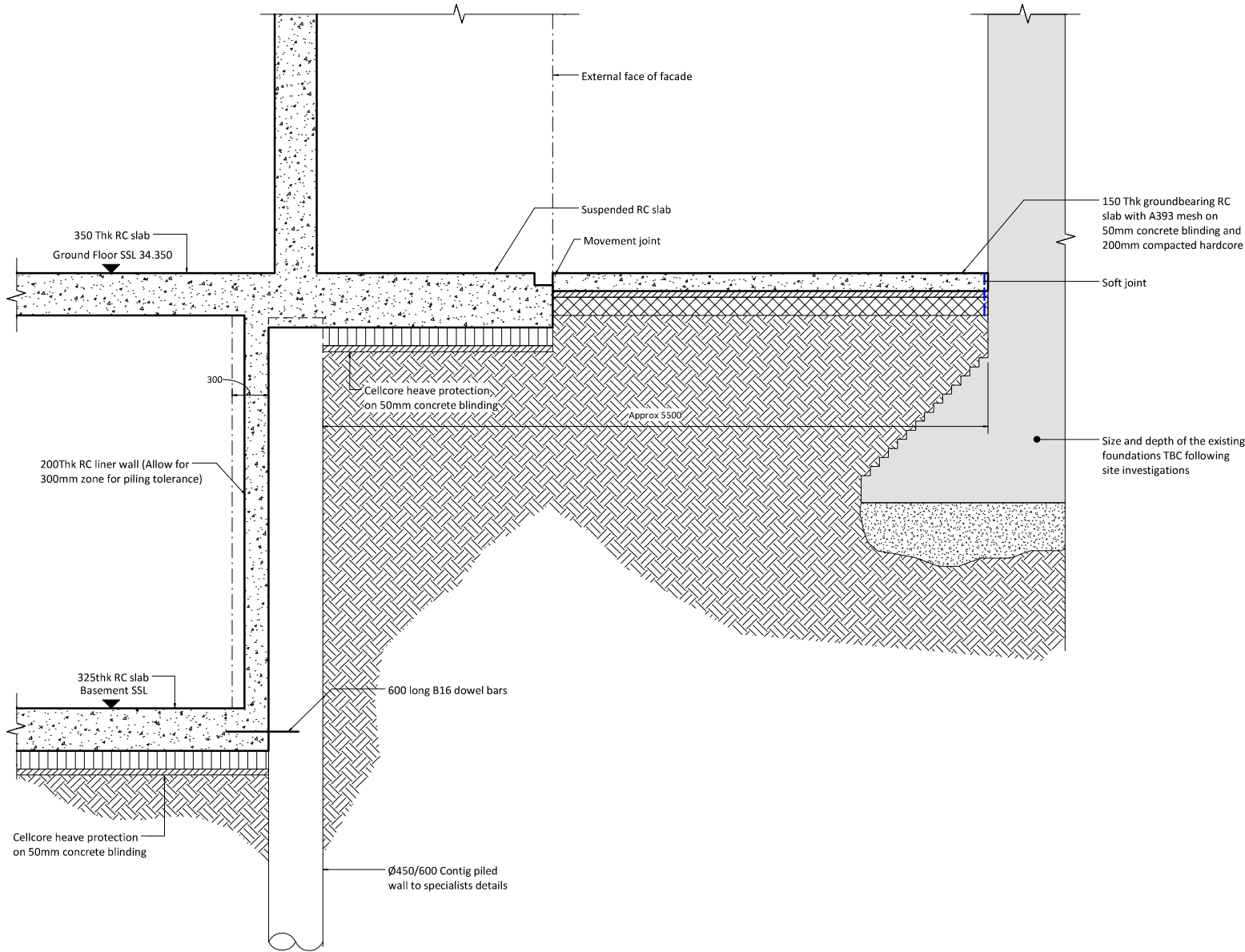
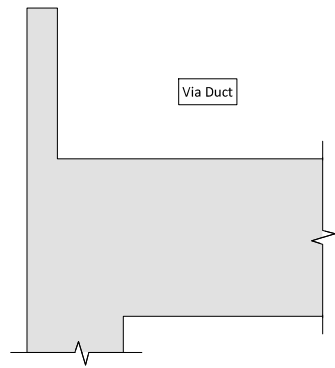
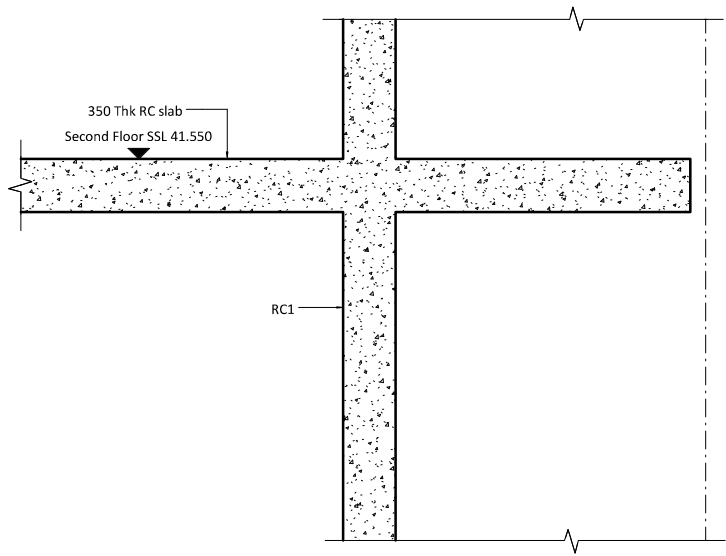
Job Name
3 - 6 Spring Place, London

Drawing Title
Proposed Roof

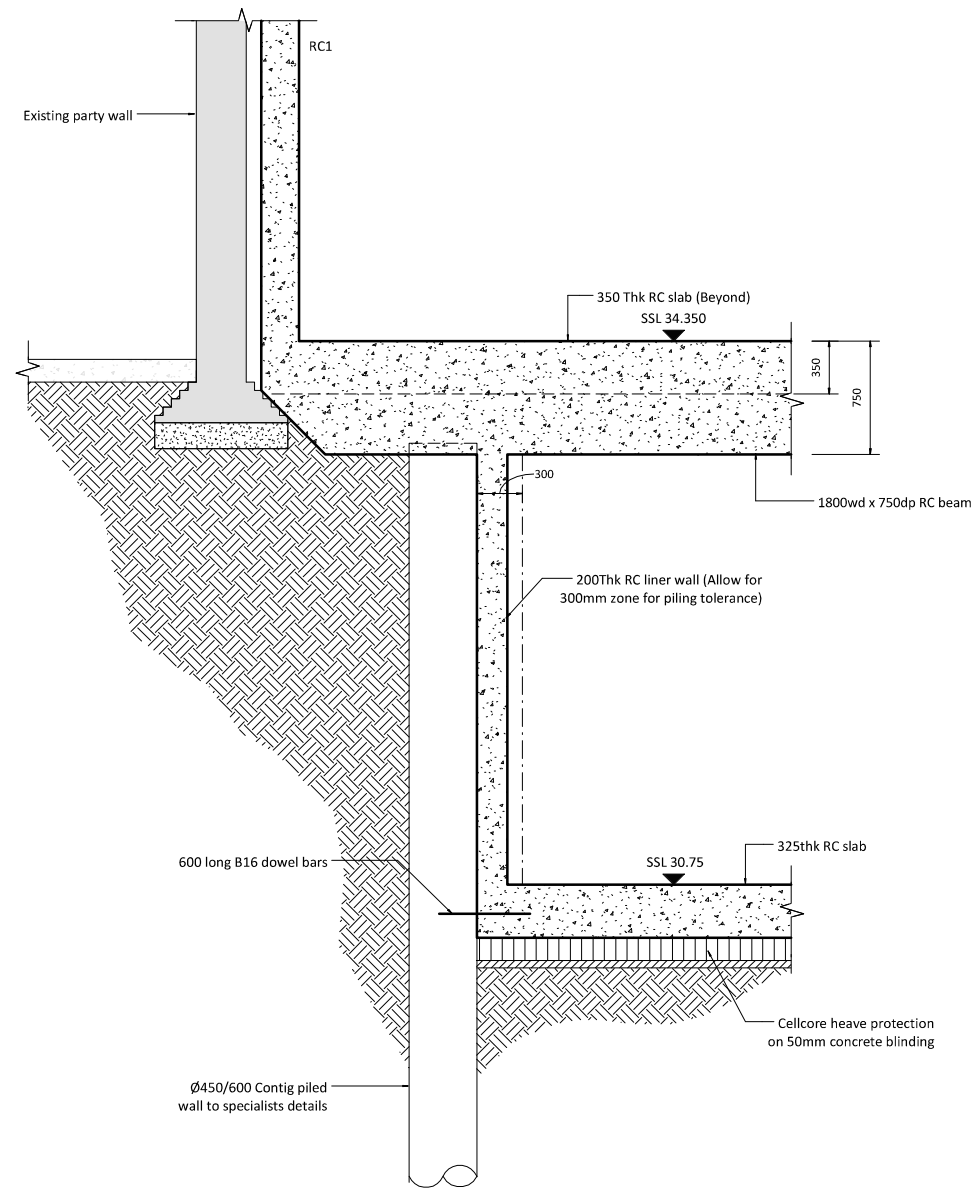
Purpose of Issue **BIA Issue** Scale at A0 **1 : 100**

Drawing No **1399/P170** Rev **P1**





DWG **Section 1-1**
P110 1 : 25



DWG **Section 2-2**
P110 1 : 25

100mm @ A1 (50mm @ A3)

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- 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

P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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Job Name
3 - 6 Spring Place, London

Drawing Title
**Proposed Basement Section
Adjacent To Network Rail
Via Duct**

Purpose of Issue **BIA Issue** Scale at A1 **1 : 25**

Drawing No **1399 / P250** Rev **P1**

- 1
- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

- 2
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P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

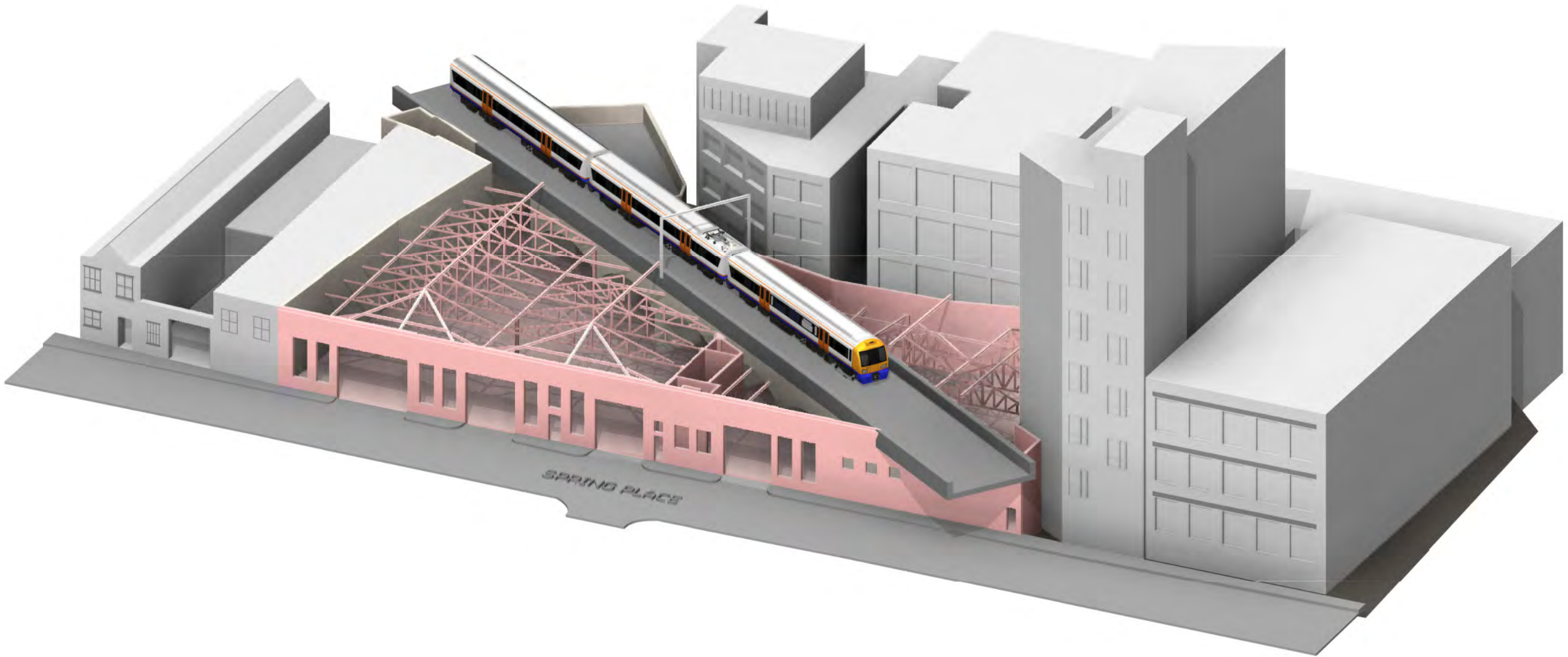
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Job Name
3 - 6 Spring Place, London

Drawing Title
Proposed Construction
Sequencing - Stage 1

Purpose of Issue: BIA Issue Scale at A0
Drawing No: 1399 / P300 Rev: P1



- 1 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

P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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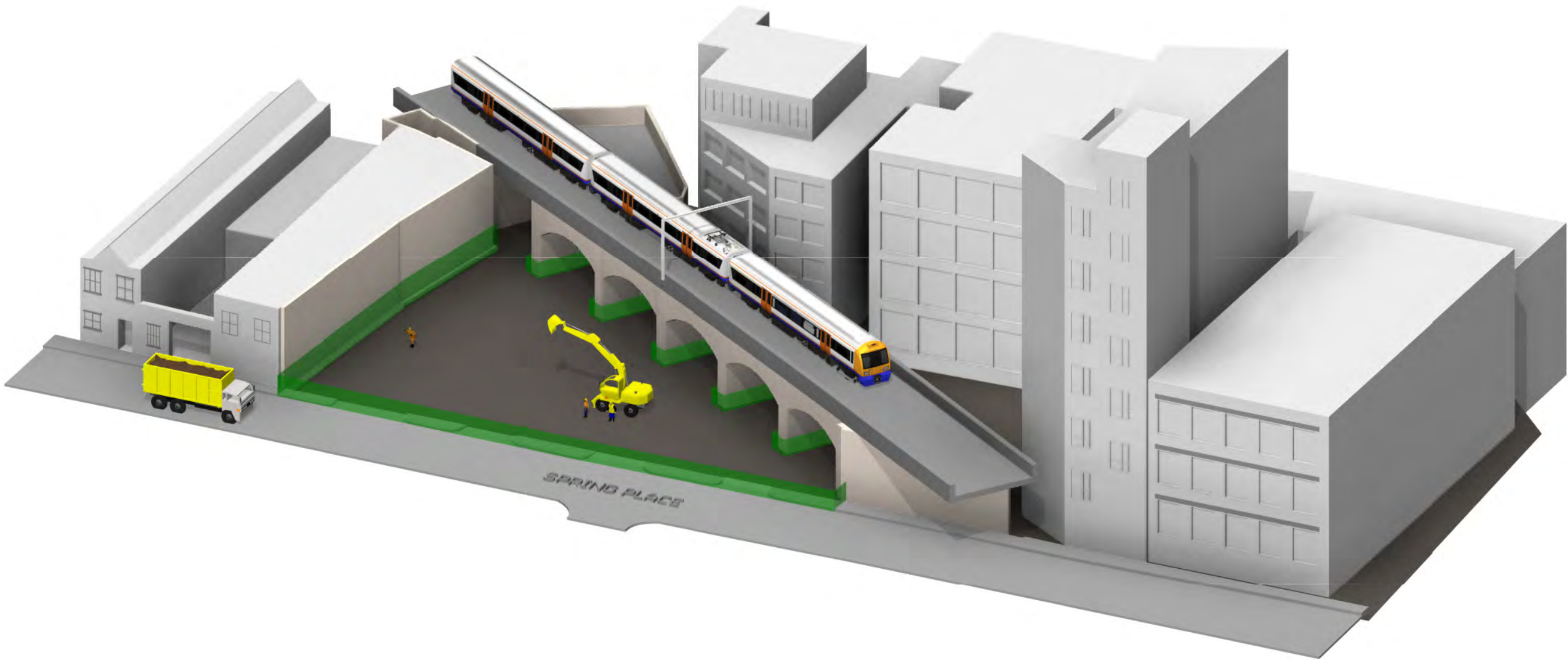
Drawing Title
**Proposed Construction
Sequencing - Stage 2**

Purpose of Issue **BIA Issue** Scale at A0

Drawing No **1399 / P301** Rev **P1**

- 1
- 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



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Rev	Date	By	Eng	Amendments

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Job Name
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Drawing Title
**Proposed Construction
Sequencing - Stage 3**

Purpose of Issue **BIA Issue** Scale at A0

Drawing No **1399 / P302** Rev **P1**

- 1 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



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

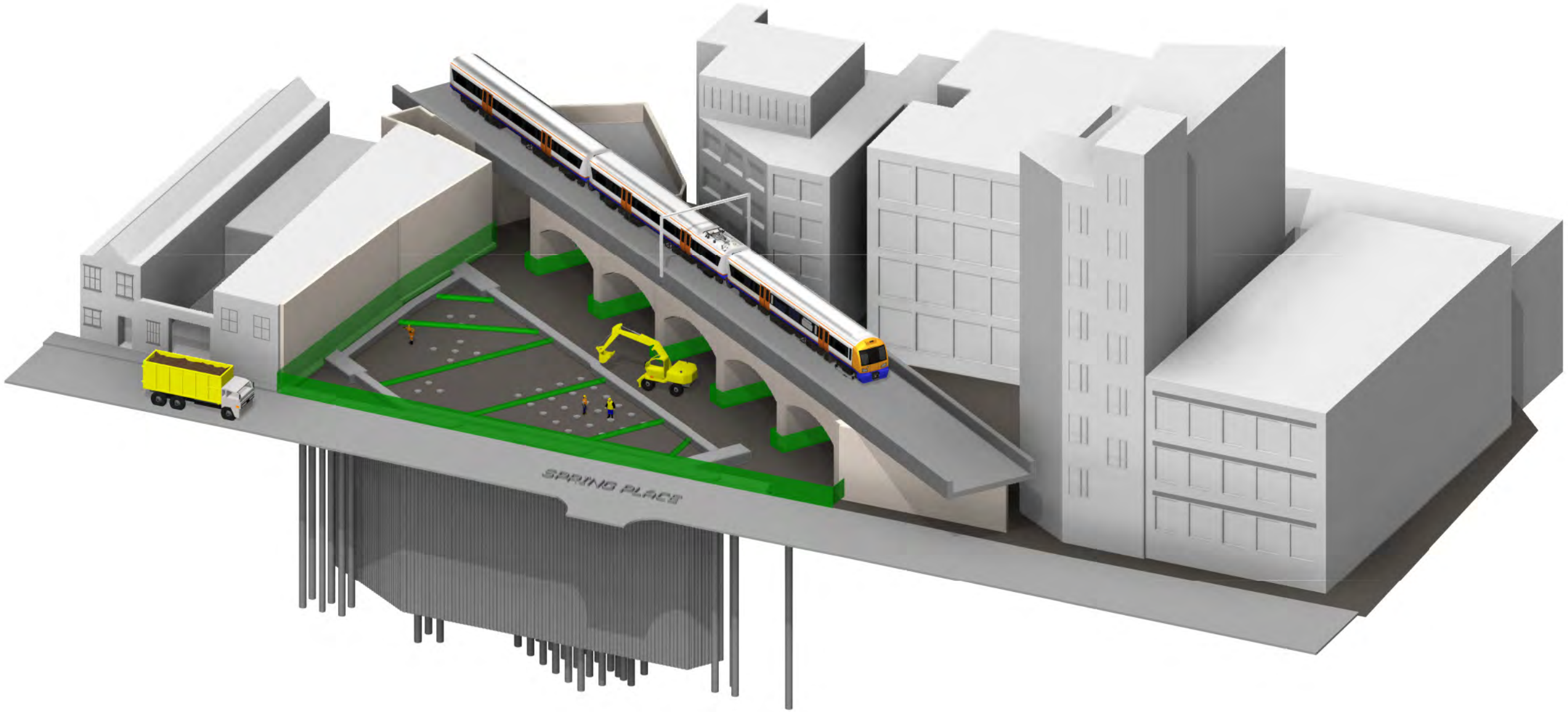
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Job Name
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Drawing Title
**Proposed Construction
Sequencing - Stage 4**

Purpose of Issue **BIA Issue** Scale at A0

Drawing No **1399 / P303** Rev **P1**



- 1 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

P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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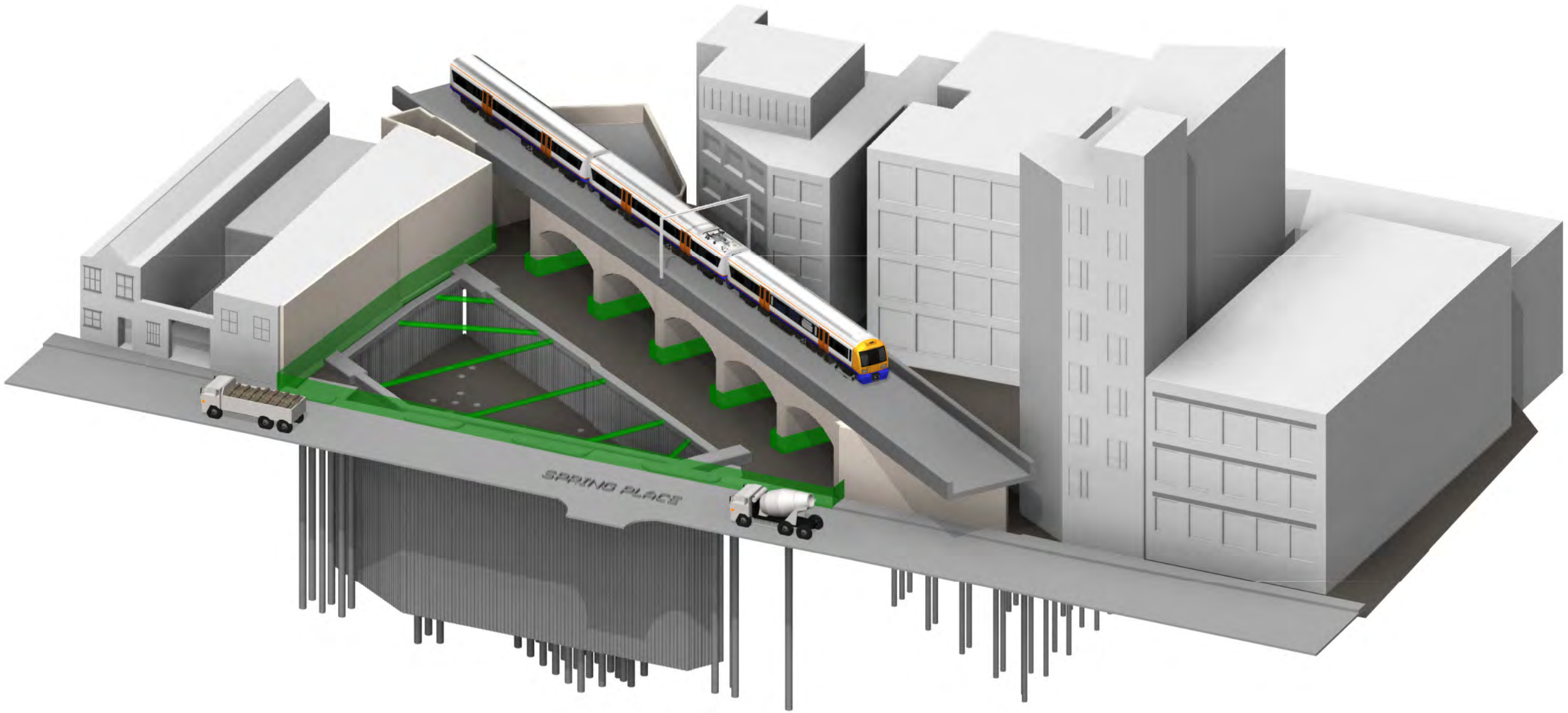
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Job Name
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Drawing Title
**Proposed Construction
Sequencing - Stage 5**

Purpose of Issue **BIA Issue** Scale at A0
Drawing No **1399 / P304** Rev **P1**



- 1 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

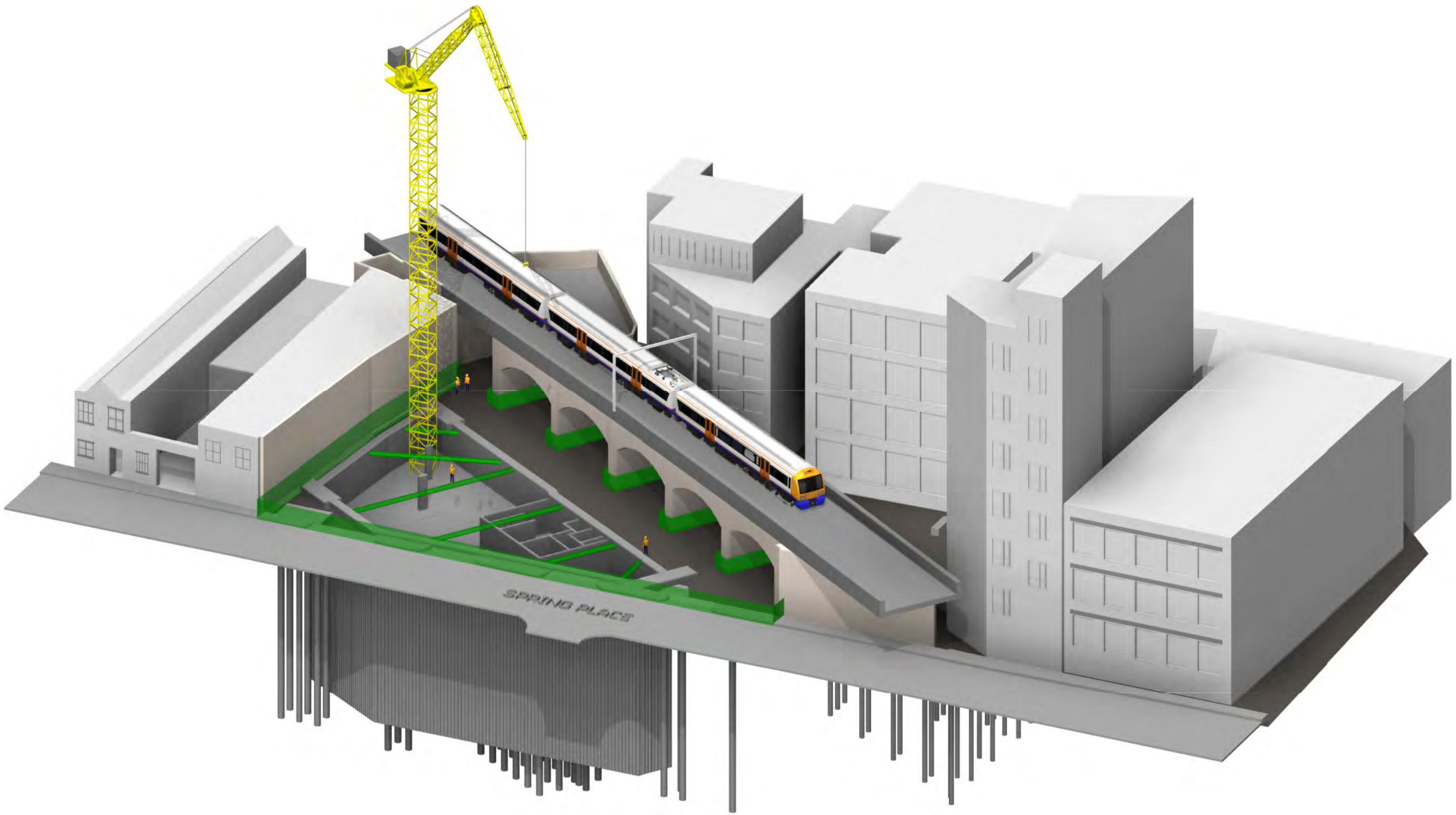
P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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Job Name
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Drawing Title
**Proposed Construction
Sequencing - Stage 6**

Purpose of Issue **BIA Issue** Scale at A0
Drawing No **1399 / P305** Rev **P1**



- 1 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

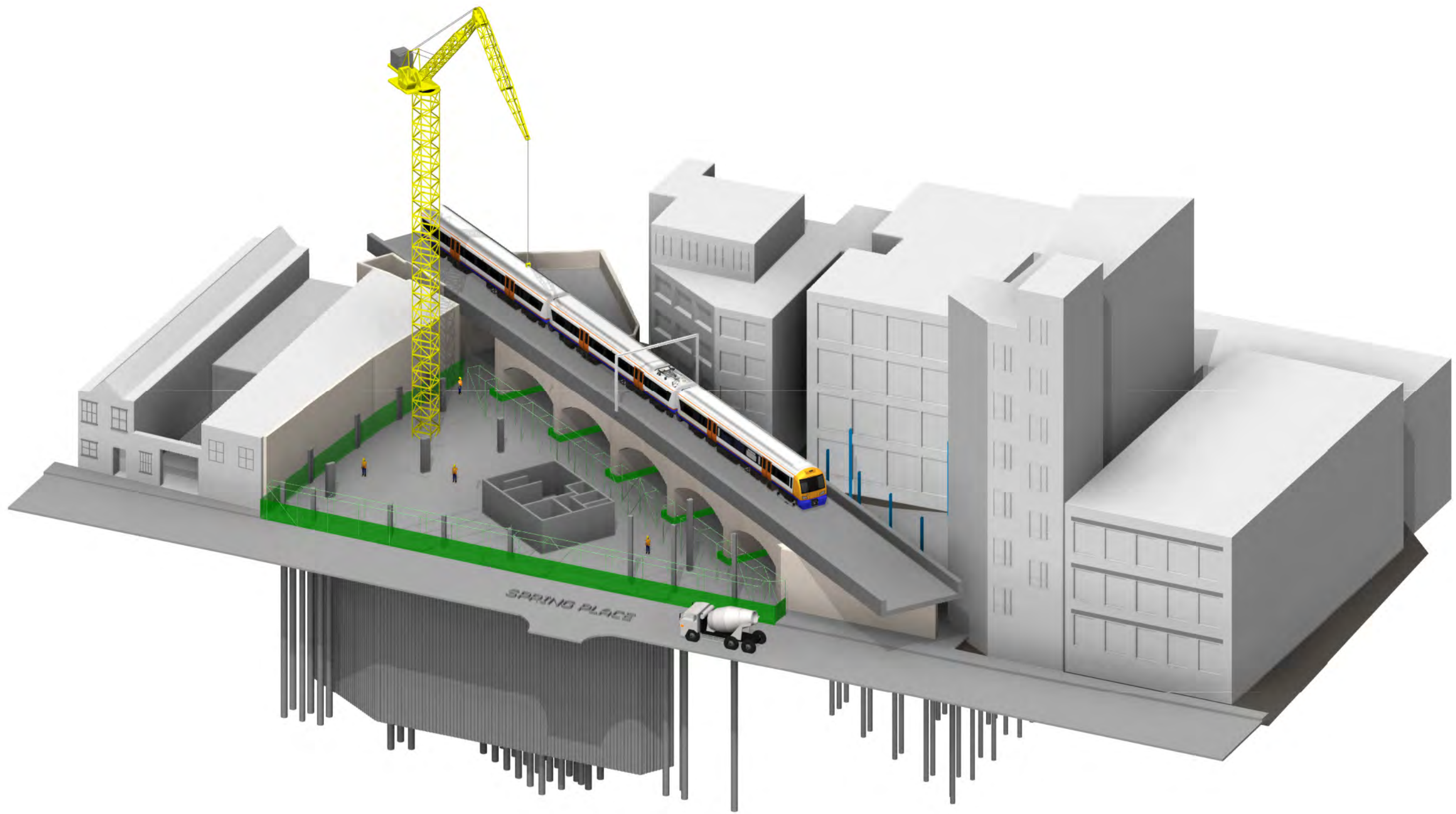
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Rev	Date	By	Eng	Amendments
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Job Name
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Drawing Title
**Proposed Construction
Sequencing - Stage 7**

Purpose of Issue **BIA Issue** Scale at A0
Drawing No **1399 / P306** Rev **P1**

- 1 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



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

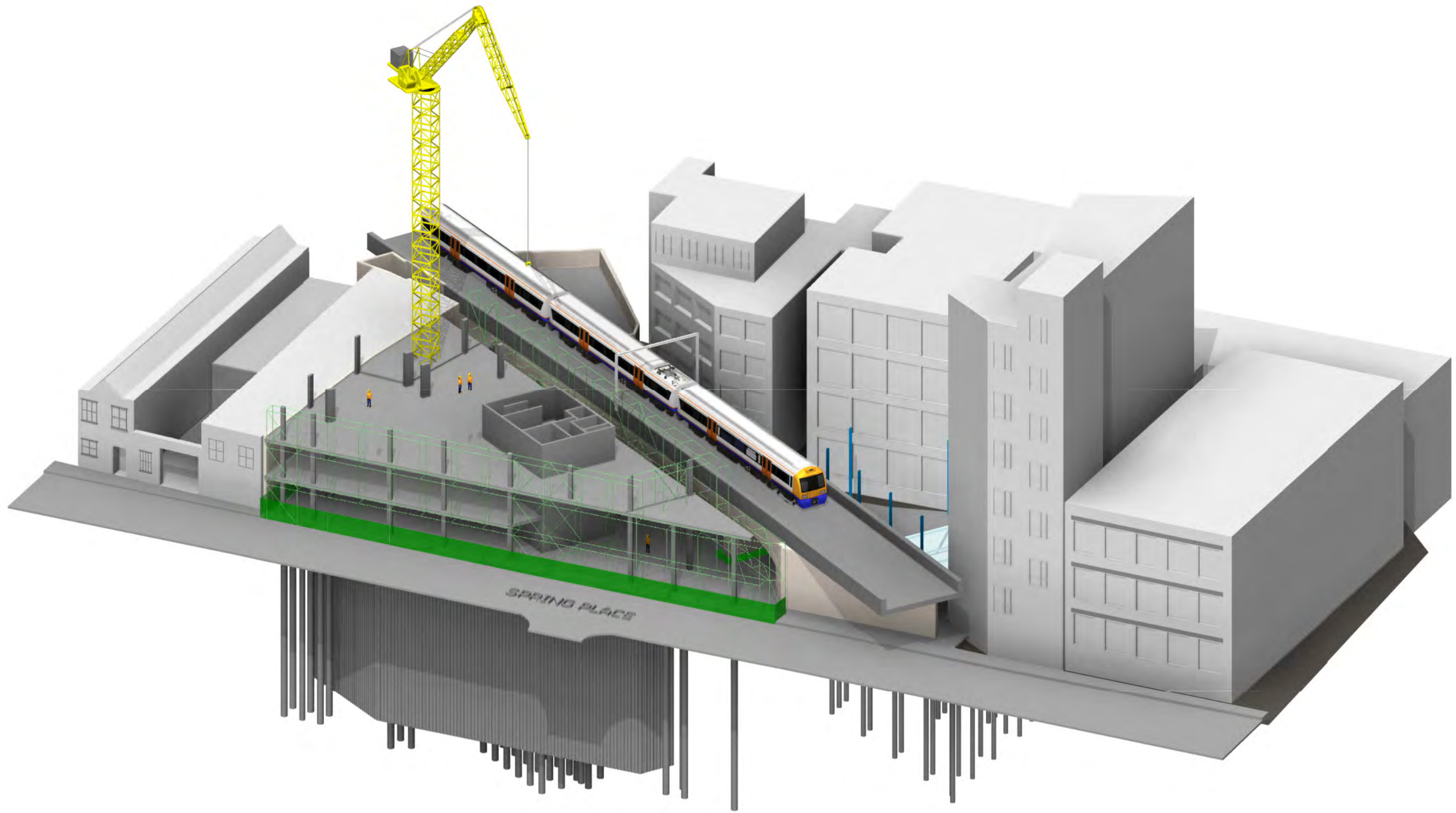
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Job Name
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Drawing Title
**Proposed Construction
Sequencing - Stage 8**

Purpose of Issue: **BIA Issue** Scale at A0

Drawing No **1399 / P307** Rev **P1**



- 1 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

P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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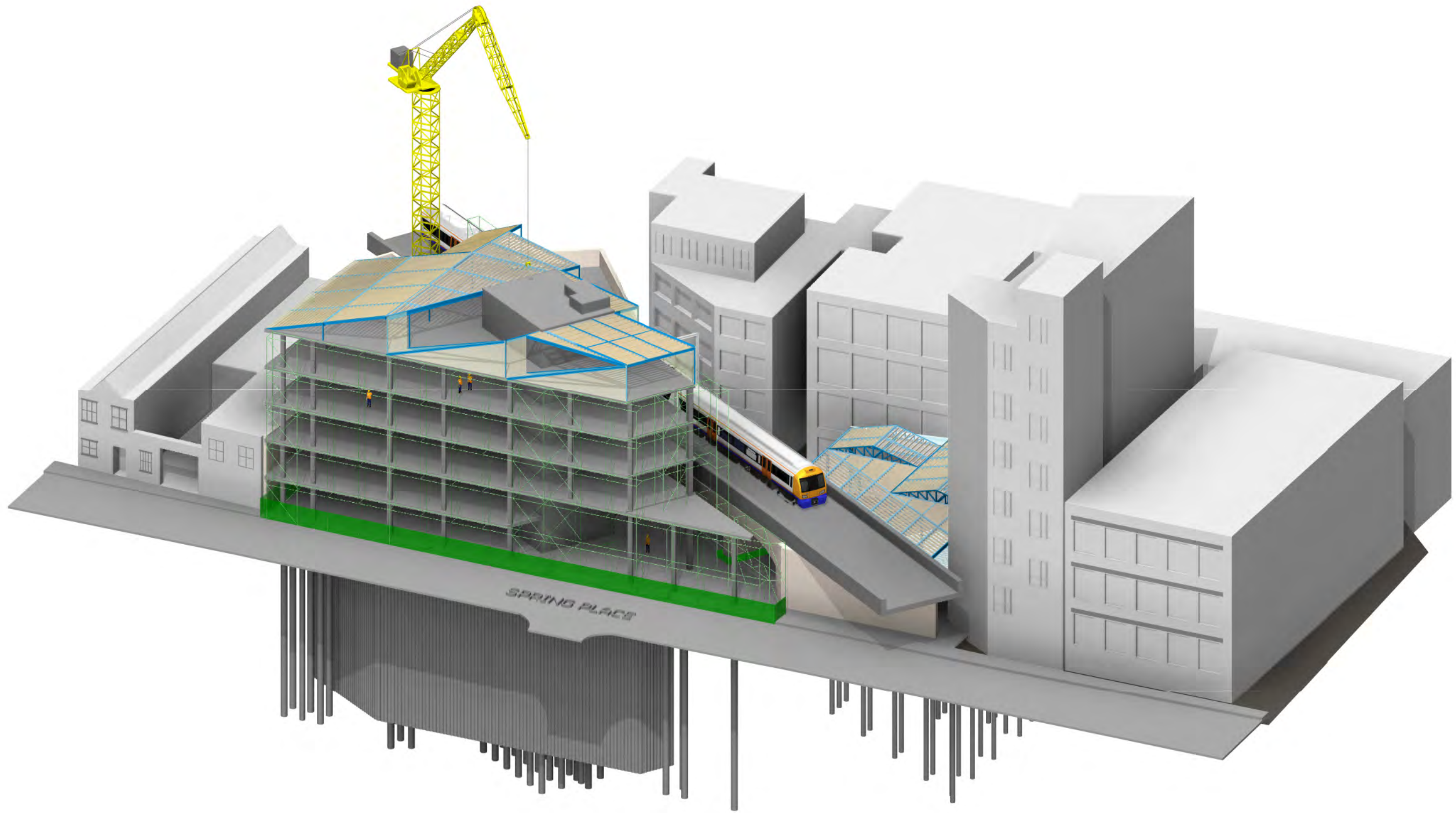
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Job Name
3 - 6 Spring Place, London

Drawing Title
**Proposed Construction
Sequencing - Stage 9**

Purpose of Issue **BIA Issue** Scale at A0

Drawing No **1399 / P308** Rev **P1**



- 1 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

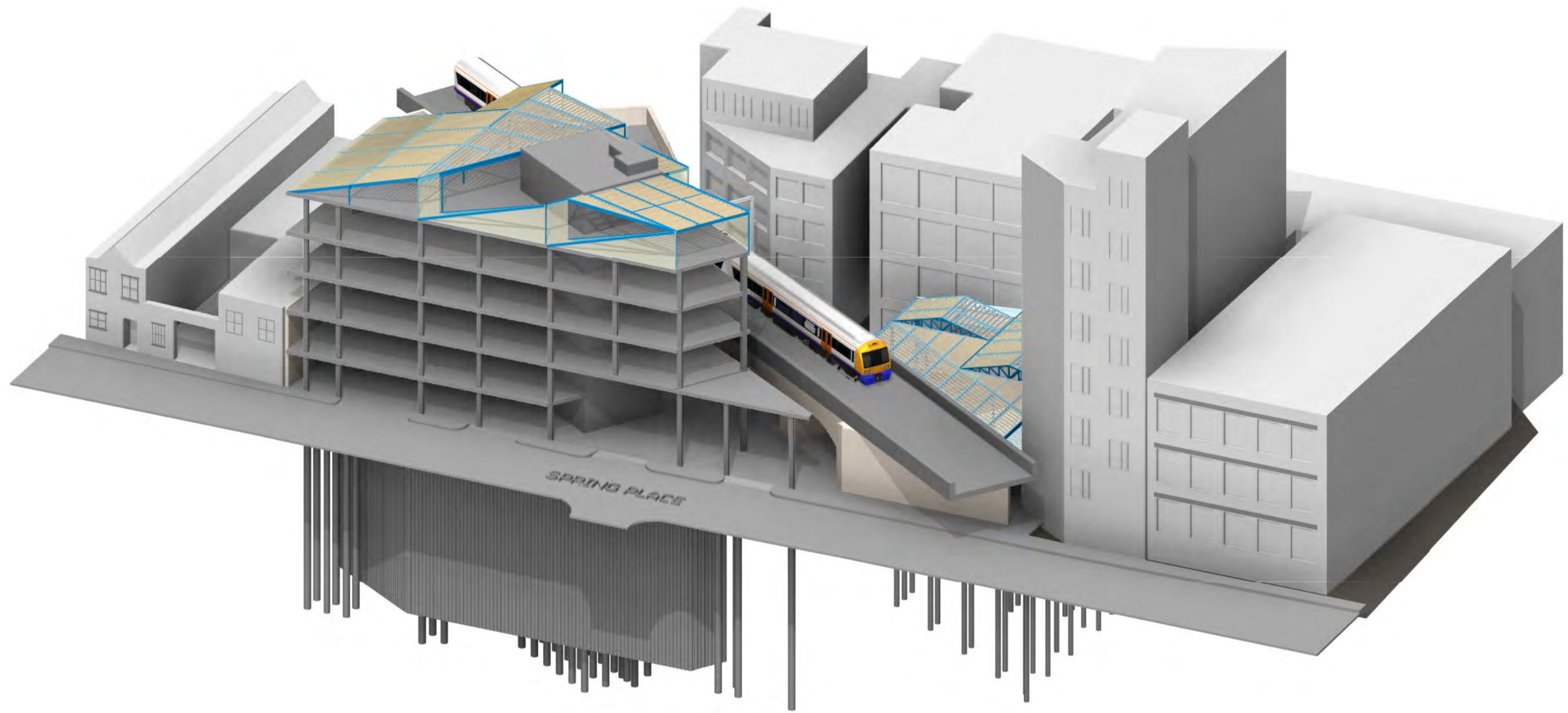
P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments
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Job Name
3 - 6 Spring Place, London

Drawing Title
**Proposed Construction
Sequencing - Stage 10**

Purpose of Issue **BIA Issue** Scale at A0
Drawing No **1399 / P309** Rev **P1**

- 1 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



P1	02.09.16	LG	SL	BIA Issue
Rev	Date	By	Eng	Amendments

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Job Name
3 - 6 Spring Place, London

Drawing Title
**Proposed Construction
Sequencing - Stage 11**

Purpose of Issue **BIA Issue** Scale at A0

Drawing No **1399/P310** Rev **P1**



FW Package Pump
Dia - 1200Ø
Sump - 500mm
Rate - 1 1/5 (tbc)
Head - 3.00m (tbc)

Foul water rising main to connect to proposed foul water manhole at higher level. Rising main route and level to be confirmed at detailed design stage.



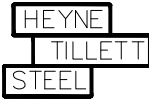
100mm @ A1 (50mm @ A3)

1. This Drawing is to be read in conjunction with all relevant Architect's Engineer's 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 @A1 or 50mm long @ A3.

Drainage Legend

- Proposed FW Drainage Pipe
- Proposed FW Rising Main
- 475Ø PPIC Inspection Chamber
- 1200Ø PPIC FW Pump Station
- FW Gully
- Stub Stack

P2	01.09.16	MDS	SL	Planning Issue
P1	19.05.16	MDS	SL	Planning Issue
Rev	Date	By	Eng	Amendments



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Job Name
3-6 Spring Place
London

Drawing Title
Proposed Drainage Strategy
Basement

Purpose of Issue Planning Scale at A1 1:200

Drawing No. 1399/DR600 Rev. P2