

A1  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10

A B C D E F G H I J K L M N O P

Key:  
— Reserved Matters Planning Application Boundary  
— Other Land within the Applicants Control

—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	22/03/20	RMA Submission	MH	GC	NB	—
P02	24/03/20	RMA Submission	KN	GC	NB	—
P03	31/03/20	RMA Submission	KN	GC	NB	—
P04.1	—	—	—	—	—	—
Rev	Date	Description	By	Chkd	Appd	Auth

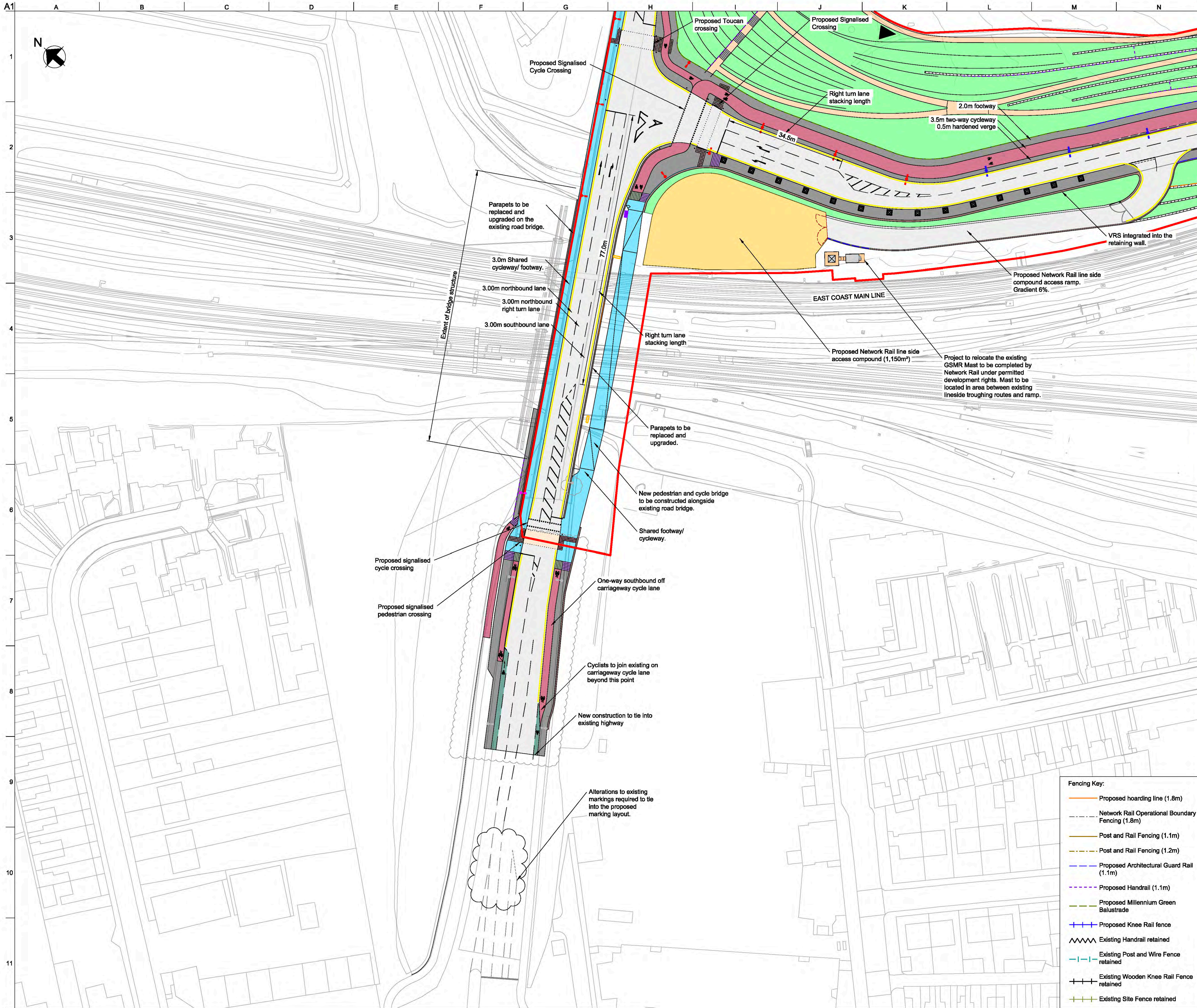
**ARUP**  
 Admiral House Rose Wharf 78 East Street  
 Leeds, LS9 8EE  
 Tel +44 113 242 8498 Fax +44 113 242 8573  
 www.arup.com  
 Client  
 CYC, Homes England and  
 Network Rail

Project Title  
 York Central  
 Drawing Title  
 Phase 1 Infrastructure RMA  
 Redline Boundary

Scale at A1	1:2500	Anup Job No	251869-00			
Role	Geo & Land Surveyor - General					
Suitability	SO - Initial status or WIP					
Rev	By	Chkd	Appd	Auth		
<b>P04.1</b>	—	—	—	—		
	Date	Date	Date	Date		
	—	—	—	—		
Name	<b>YCL - ARP - RM1 - XX - DR - GX - 1001</b>					
Project	Originator	Volume	Location	Type	Role	Number

pw:\pww-arup.com\PW\_ARUP\_UK\_2\Documents\York Central\01 Anup\GX - Geo & Land Surveyor - General\DR - Geo & Land Surveyor - General\YCL-ARP-RM1-XX-DR-GX-1001





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▭ Vehicle Crossover
  - ▭ Retaining wall
  - ▭ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▭ Pedestrian deterrent paving
  - ▭ Network Rail Lineside Access area

- Tactile Paving Key:**
- ▭ Signalised Blister Tactile paving
  - ▭ Blister Tactile paving
  - ▭ Tramline Tactile (demarcation on cycle lane)
  - ▭ Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth

**ARUP**  
 Admiral House, Rose Wharf, 78 East Street, London, E14 3BQ  
 Tel: +44 113 242 8488 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA General Arrangement Sheet 1 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways

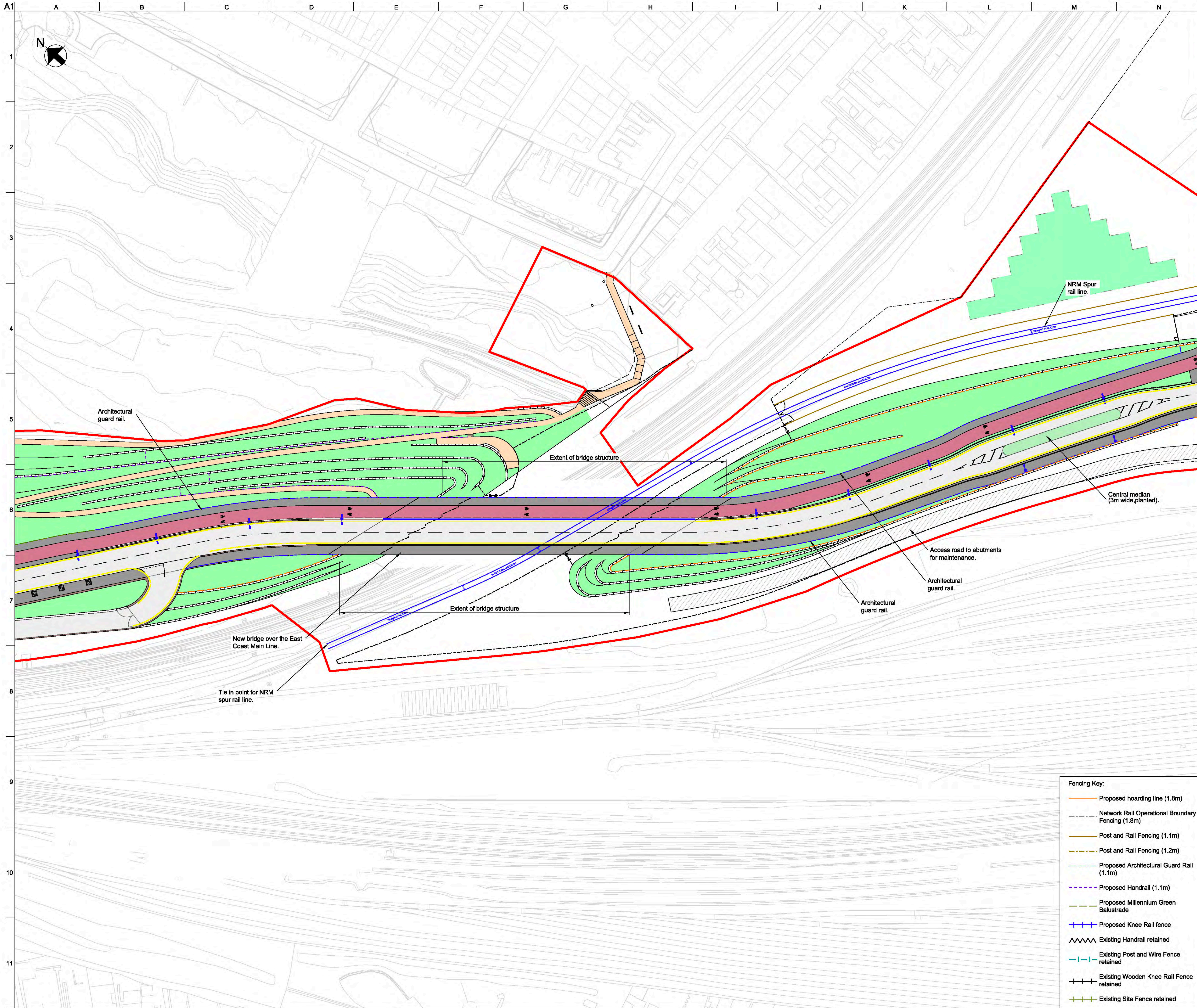
Suitability: S4 - Suitable for Stage Approval

Rev	By	SM	Chkd	GC	Appd	NB	Auth
Date	Date	Date	Date	Date	Date	Date	Date
<b>P06</b>	SM	GC	NB	—	—	—	—
13/10/20	13/10/20	13/10/20	13/10/20	—	—	—	—

Name: **YCL - ARP - RM1 - XX - DR - CH - 0101**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - Proposed Knee Rail fence
  - Existing Handrail retained
  - Existing Post and Wire Fence retained
  - Existing Wooden Knee Rail Fence retained
  - Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - Vehicle Crossover
  - Retaining wall
  - Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - Pedestrian deterrent paving
  - Network Rail Limeside Access area

- Tactile Paving Key:**
- Signalised Blister Tactile paving
  - Blister Tactile paving
  - Tramline Tactile (demarcation on cycle lane)
  - Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	24/03/20	RMA Submission	KN	GC	NB	—
P02	31/03/20	RMA Submission	KN	GC	NB	—
P03	06/04/20	RMA Submission	KN	GC	NB	—
P04	08/04/20	RMA Submission	KN	GC	NB	—
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**  
 Arup House, Rose Wharf, 78 East Street  
 Leeds, LS8 8EE  
 Tel: +44 113 242 8488 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 2 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

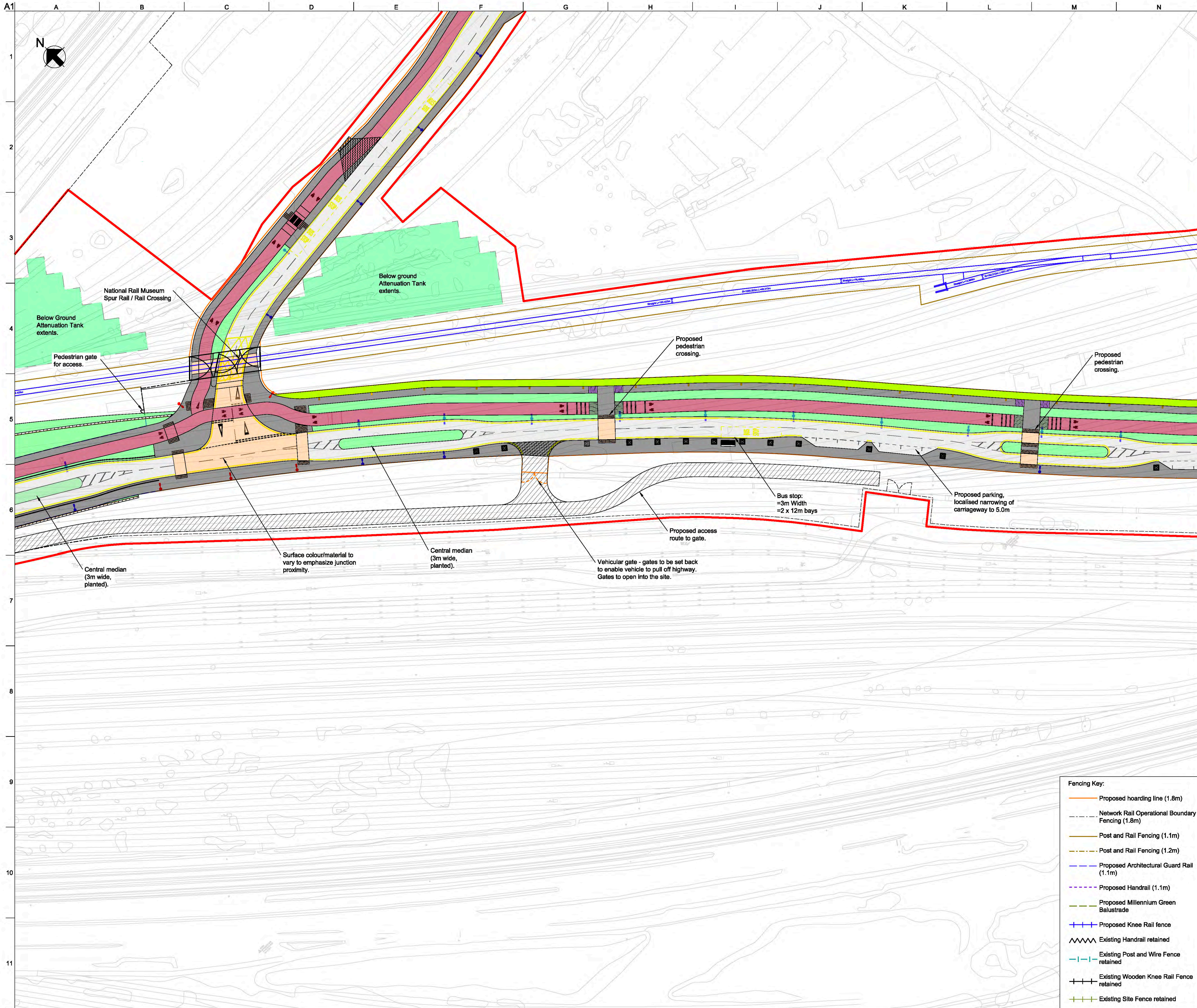
Role: Civil - Highways  
 Suitability: S4 - Suitable for Stage Approval

Rev	By	SM	Chkd	GC	Appd	RB	Auth	RB
Date	Date	Date	Date	Date	Date	Date	Date	Date
P06	SM	GC	RB	RB				
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0102**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▨ Vehicle Crossover
  - ▨ Retaining wall
  - ▨ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▨ Pedestrian deterrent paving
  - ▨ Network Rail Limeside Access area

- Tactile Paving Key:**
- ▨ Signalled Blister Tactile paving
  - ▨ Blister Tactile paving
  - ▨ Tramline Tactile (demarcation on cycle lane)
  - ▨ Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	24/03/20	RMA Submission	KN	GC	NB	—
P02	31/03/20	RMA Submission	KN	GC	NB	—
P03	06/04/20	RMA Submission	KN	GC	NB	—
P04	08/04/20	RMA Submission	KN	GC	NB	—
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**

Admiral House, Rose Wharf, 78 East Street  
 Leeds, LS2 8EE  
 Tel: +44 113 242 8488 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 3 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways

Suitability: S4 - Suitable for Stage Approval

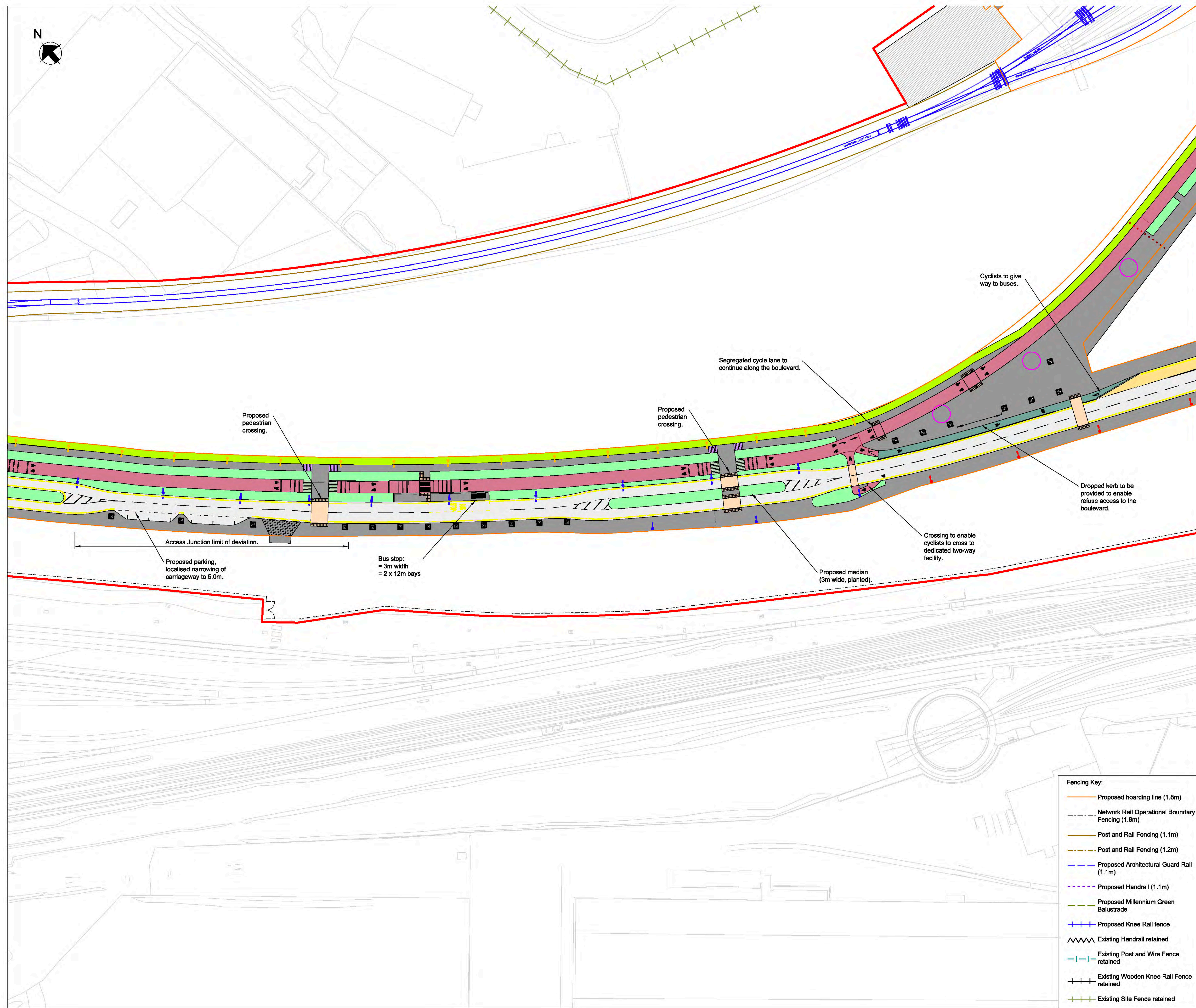
Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P06	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name: **YCL - ARP - RM1 - XX - DR - CH - 0103**

Project	Originator	Volume	Location	Type	Role	Number
YCL - ARP - RM1 - XX - DR - CH - 0103						

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - Proposed Knee Rail fence
  - Existing Handrail retained
  - Existing Post and Wire Fence retained
  - Existing Wooden Knee Rail Fence retained
  - Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▨ Vehicle Crossover
  - ▨ Retaining wall
  - ▨ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▨ Pedestrian deterrent paving
  - Network Rail Lineside Access area

- Tactile Paving Key:**
- ▨ Signalised Blister Tactile paving
  - ▨ Blister Tactile paving
  - ▨ Tramline Tactile (demarcation on cycle lane)
  - ▨ Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
P01	24/03/20	RMA Submission	MH	GC	NB	---
P02	31/03/20	RMA Submission	KN	GC	NB	---
P03	06/04/20	RMA Submission	KN	GC	NB	---
P04	08/04/20	RMA Submission	KN	GC	NB	---
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	---
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**  
 Adircol House, Rose Wharf, 78 East Street  
 Leeds, LS8 8EE  
 Tel: +44 113 242 8488 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 4 of 12**

Scale at A1: 1:2500 Ansp Job No: 251869-00

Role: Civil - Highways

Suitability: S4 - Suitable for Stage Approval

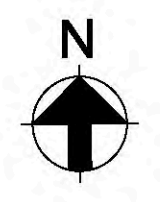
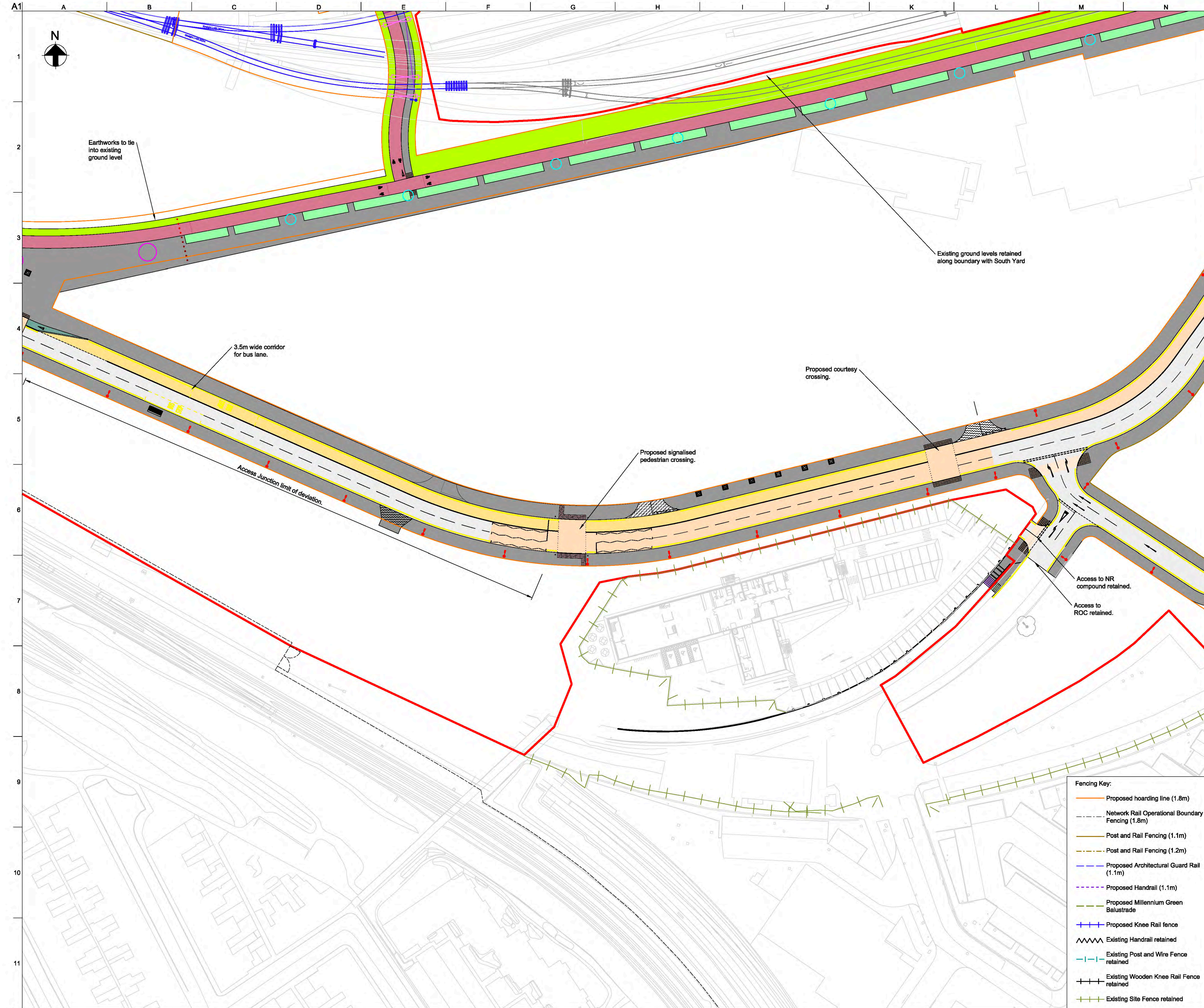
Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P06	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0104**

Project	Originator	Volume	Location	Type	Role	Number
YCL - ARP - RM1 - XX - DR - CH - 0104						

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - - - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained





Earthworks to tie into existing ground level

Existing ground levels retained along boundary with South Yard

3.5m wide corridor for bus lane.

Proposed courtesy crossing.

Proposed signalled pedestrian crossing.

Access to NR compound retained.

Access to ROC retained.

Access Junction limit of deviation.

- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - Vehicle Crossover
  - Retaining wall
  - Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - Pedestrian deterrent paving
  - Network Rail Lineside Access area

- Tactile Paving Key:**
- Signalled Blister Tactile paving
  - Blister Tactile paving
  - Tramline Tactile (demarcation on cycle lane)
  - Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**  
 Adniral House, Rose Wharf, 78 East Street,  
 Leeds, LS2 8EE  
 Tel: +44 113 242 8498 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 5 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways  
 Suitability: S4 - Suitable for Stage Approval

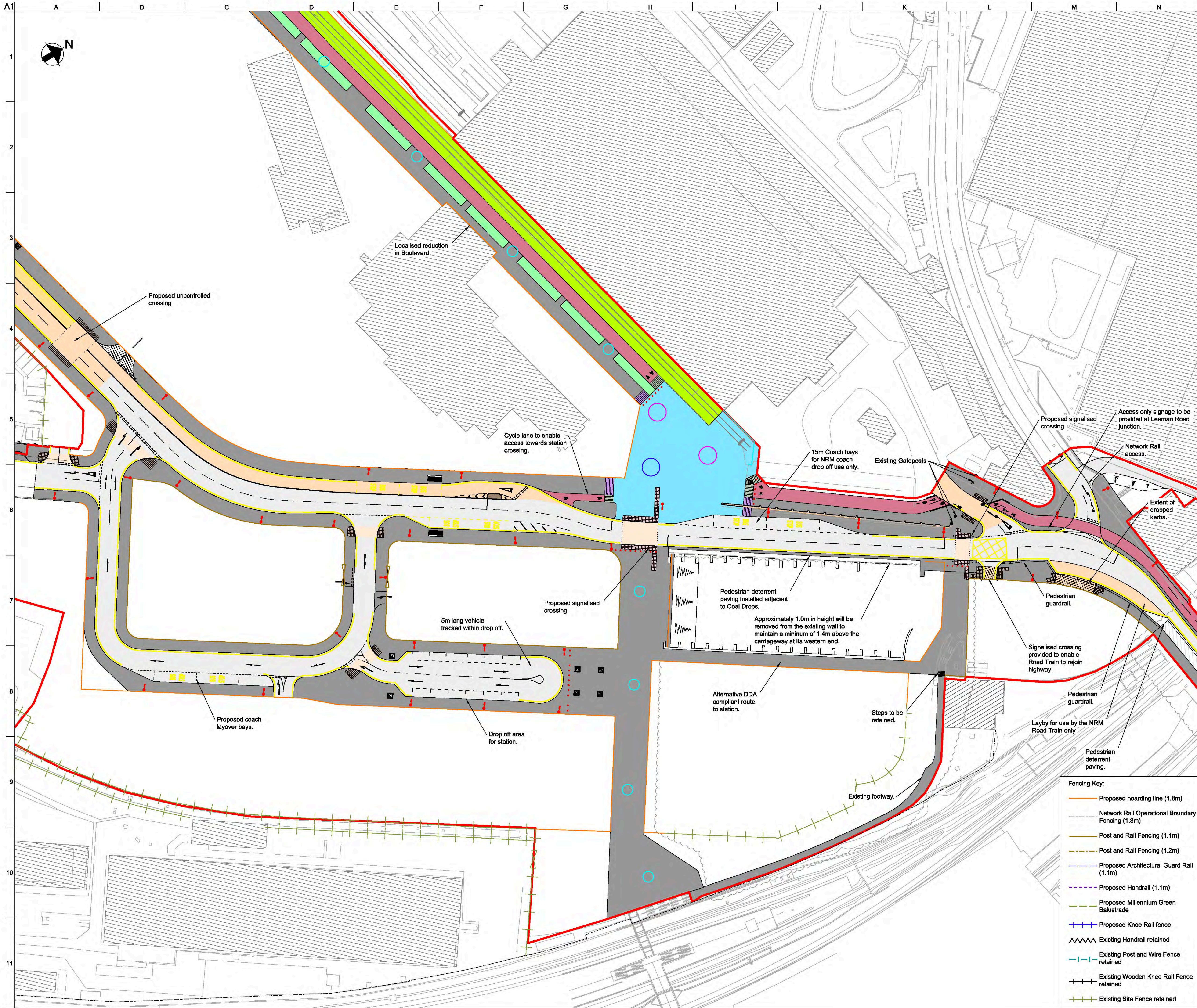
Rev	By	SM	Chkd	GC	Appd	RB	Auth	RB
Date	Date	Date	Date	Date	Date	Date	Date	Date
P06								
	11/09/19		11/09/19		11/09/19		11/09/19	

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0105**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - Proposed Knee Rail fence
  - Existing Handrail retained
  - Existing Post and Wire Fence retained
  - Existing Wooden Knee Rail Fence retained
  - Existing Site Fence retained

p:\lpw-arup.com\PIV\_ARUP\_UK\_2\documents\York Central\01 Anup\CH - Civil - Highways\DR - Drawing\YCL-ARP-RM1-XX-DR-CH-0105





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - Vehicle Crossover
  - Retaining wall
  - Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - Pedestrian deterrent paving
  - Network Rail Lineside Access area

- Tactile Paving Key:**
- Signalled Blister Tactile paving
  - Blister Tactile paving
  - Tramline Tactile (demarcation on cycle lane)
  - Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	24/03/20	RMA Submission	MH	GC	NB	—
P02	31/03/20	RMA Submission	KN	GC	NB	—
P03	06/04/20	RMA Submission	KN	GC	NB	—
P04	08/04/20	RMA Submission	KN	GC	NB	—
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**  
 Arup House, Rose Wharf, 78 East Street  
 Leeds, LS8 8EE  
 Tel: +44 113 242 8498 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 6 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways

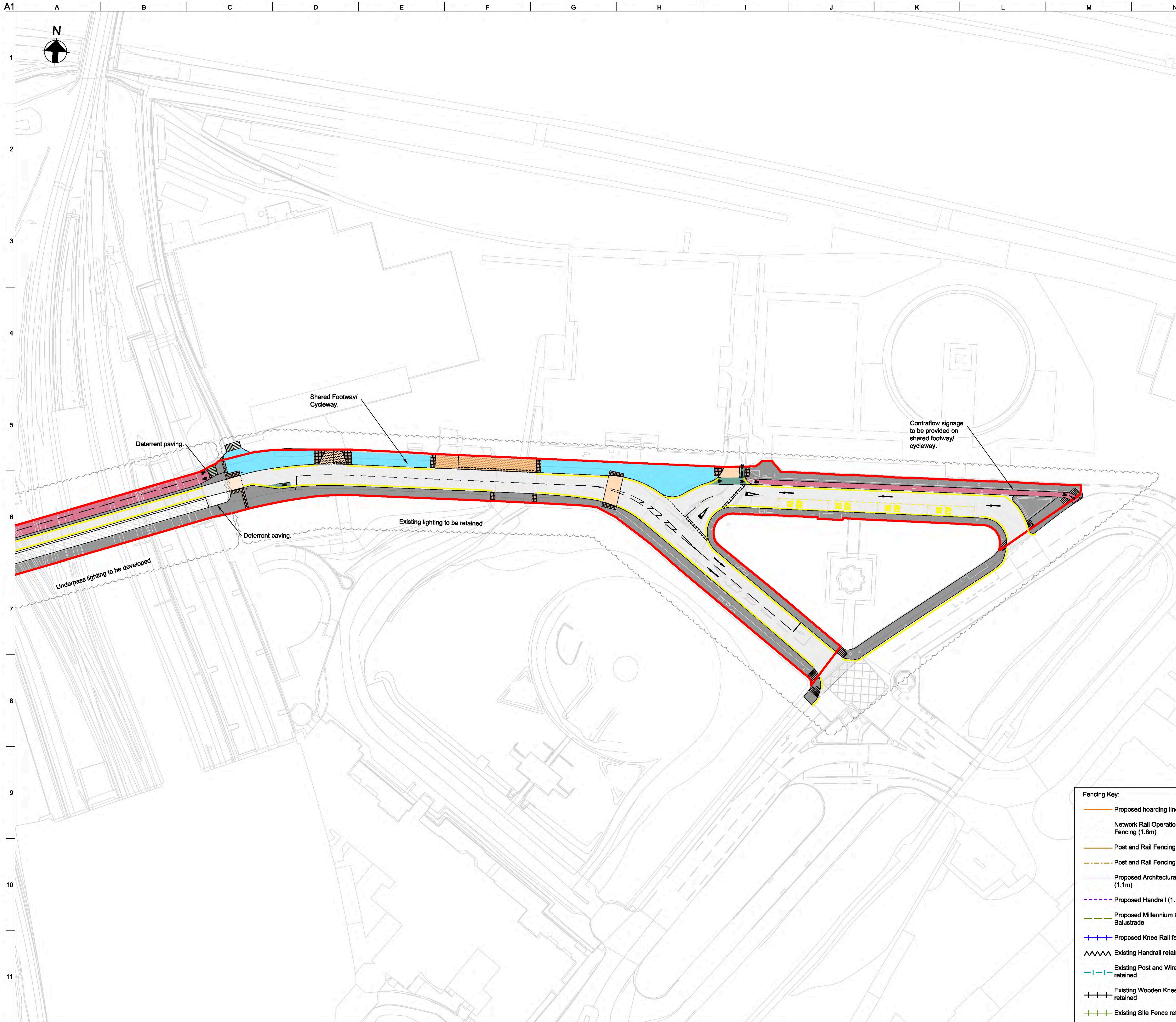
Suitability: S4 - Suitable for Stage Approval

Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P06	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name: **YCL - ARP - RM1 - XX - DR - CH - 0106**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - Vehicle Crossover
  - Retaining wall
  - Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - Pedestrian deterrent paving
  - Network Rail Lineside Access area
- Tactile Paving Key:**
- Signalised Blister Tactile paving
  - Blister Tactile paving
  - Tramline Tactile (demarcation on cycle lane)
  - Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	24/03/20	RMA Submission	MH	GC	NB	—
P02	31/03/20	RMA Submission	KN	GC	NB	—
P03	06/04/20	RMA Submission	KN	GC	NB	—
P04	08/04/20	RMA Submission	KN	GC	NB	—
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**

Admiral House, Rose Wharf, 78 East Street  
 Leeds, LS8 8EE  
 Tel: +44 113 242 8488 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 7 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

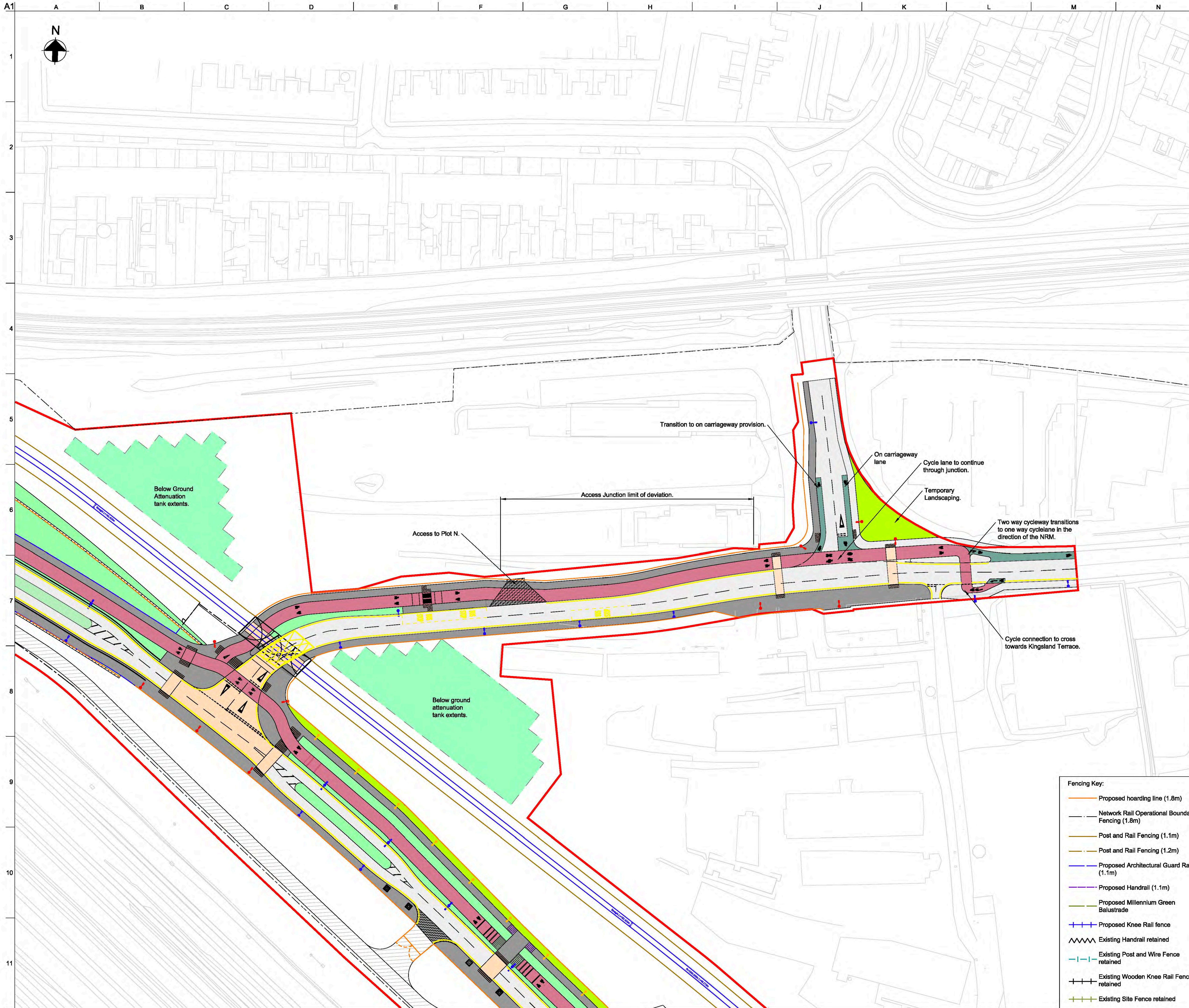
Role: Civil - Highways  
 Suitability: S4 - Suitable for Stage Approval

Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P06	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0107**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - - - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - - - Post and Rail Fencing (1.2m)
  - - - Proposed Architectural Guard Rail (1.1m)
  - - - Proposed Handrail (1.1m)
  - - - Proposed Millennium Green Balustrade
  - + + + Proposed Knee Rail fence
  - ~ ~ ~ Existing Handrail retained
  - | - | Existing Post and Wire Fence retained
  - + + + Existing Wooden Knee Rail Fence retained
  - + + + Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - Vehicle Crossover
  - Retaining wall
  - Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - Pedestrian deterrent paving
  - Network Rail Lineside Access area
- Tactile Paving Key:**
- Signalised Blister Tactile paving
  - Blister Tactile paving
  - Tramline Tactile (demarcation on cycle lane)
  - Ladder Tactile (demarcation on footway)
- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
P01	24/03/20	RMA Submission	MH	GC	NB	—
P02	06/04/20	RMA Submission	KN	GC	NB	—
P03	08/04/20	RMA Submission	KN	GC	NB	—
P04	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P05	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained

**ARUP**

Admiral House, Rose Wharf, 78 East Street, Leeds, LS2 8BE  
 Tel: +44 113 242 8498 Fax: +44 113 242 8573  
 www.arup.com

Client: **City of York Council**

Project Title: **York Central**

Drawing Title: **Phase 1 Infrastructure RMA General Arrangement Sheet 8 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: **Civil - Highways**

Suitability: **S4 - Suitable for Stage Approval**

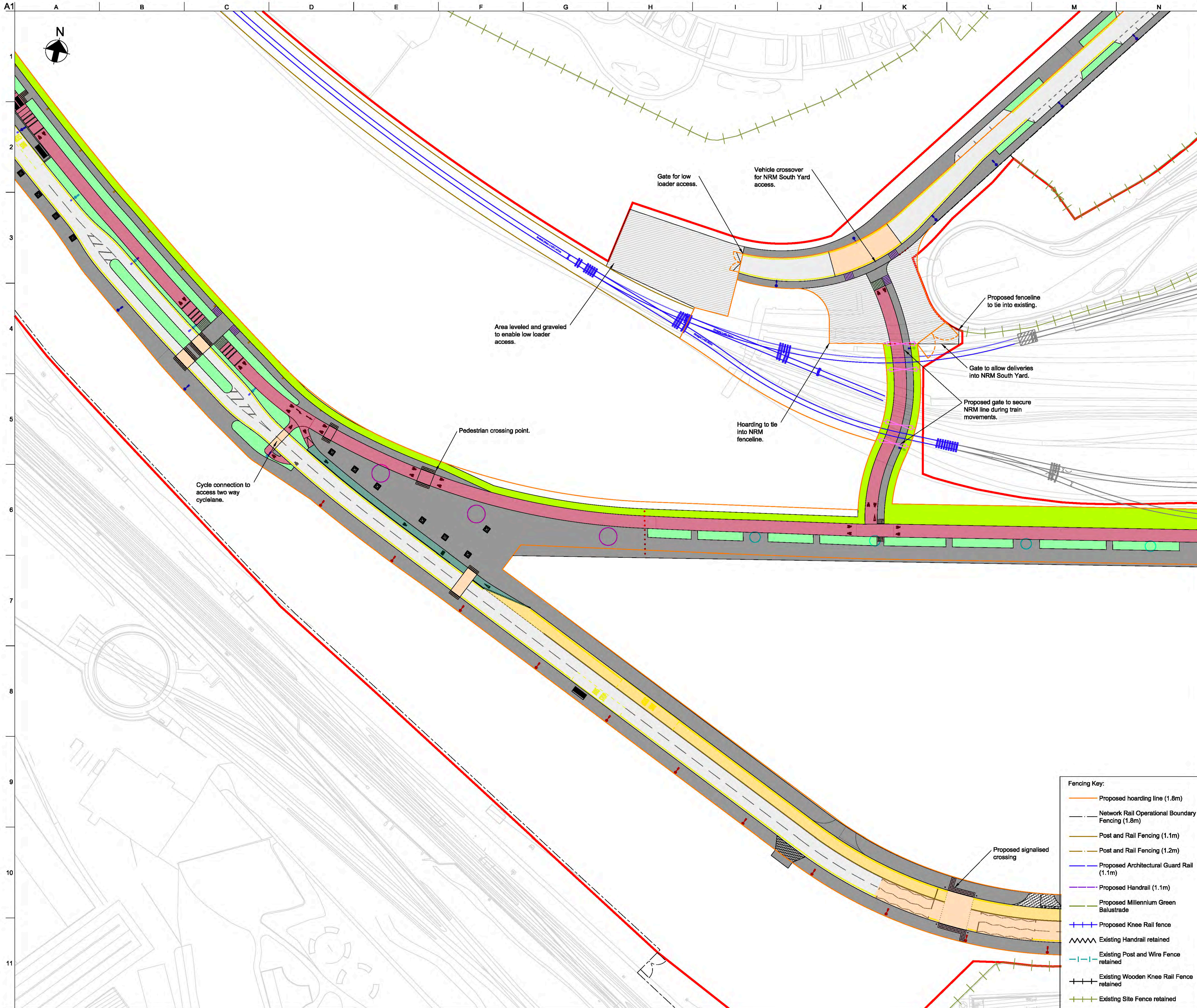
Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P05	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name: **YCL - ARP - RM1 - XX - DR - CH - 0108**

Project	Originator	Volume	Location	Type	Role	Number
YCL - ARP - RM1 - XX - DR - CH - 0108						

p:\l\w-arup.com\PIV\_ARUP\_UK\_2\Documents\York Central\01 Anup\CH - Civil - Highways\DR - Drawing\YCL-ARP-RM1-XX-DR-CH-0108





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - Vehicle Crossover
  - Retaining wall
  - Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - Pedestrian deterrent paving
  - Network Rail Lineside Access area

- Tactile Paving Key:**
- Signalled Blister Tactile paving
  - Blister Tactile paving
  - Tramline Tactile (demarcation on cycle lane)
  - Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
P01	24/03/20	RMA Submission	MH	GC	NB	---
P02	31/03/20	RMA Submission	KN	GC	NB	---
P03	06/04/20	RMA Submission	KN	GC	NB	---
P04	08/04/20	RMA Submission	KN	GC	NB	---
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	---
P06	11/09/19	Stage 3 issue for YCP Board	SM	GC	RB	RB

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained

**ARUP**

Admiral House, Rose Wharf, 78 East Street  
 Leeds, LS8 8EE  
 Tel: +44 113 242 8498 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 9 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways

Suitability: S4 - Suitable for Stage Approval

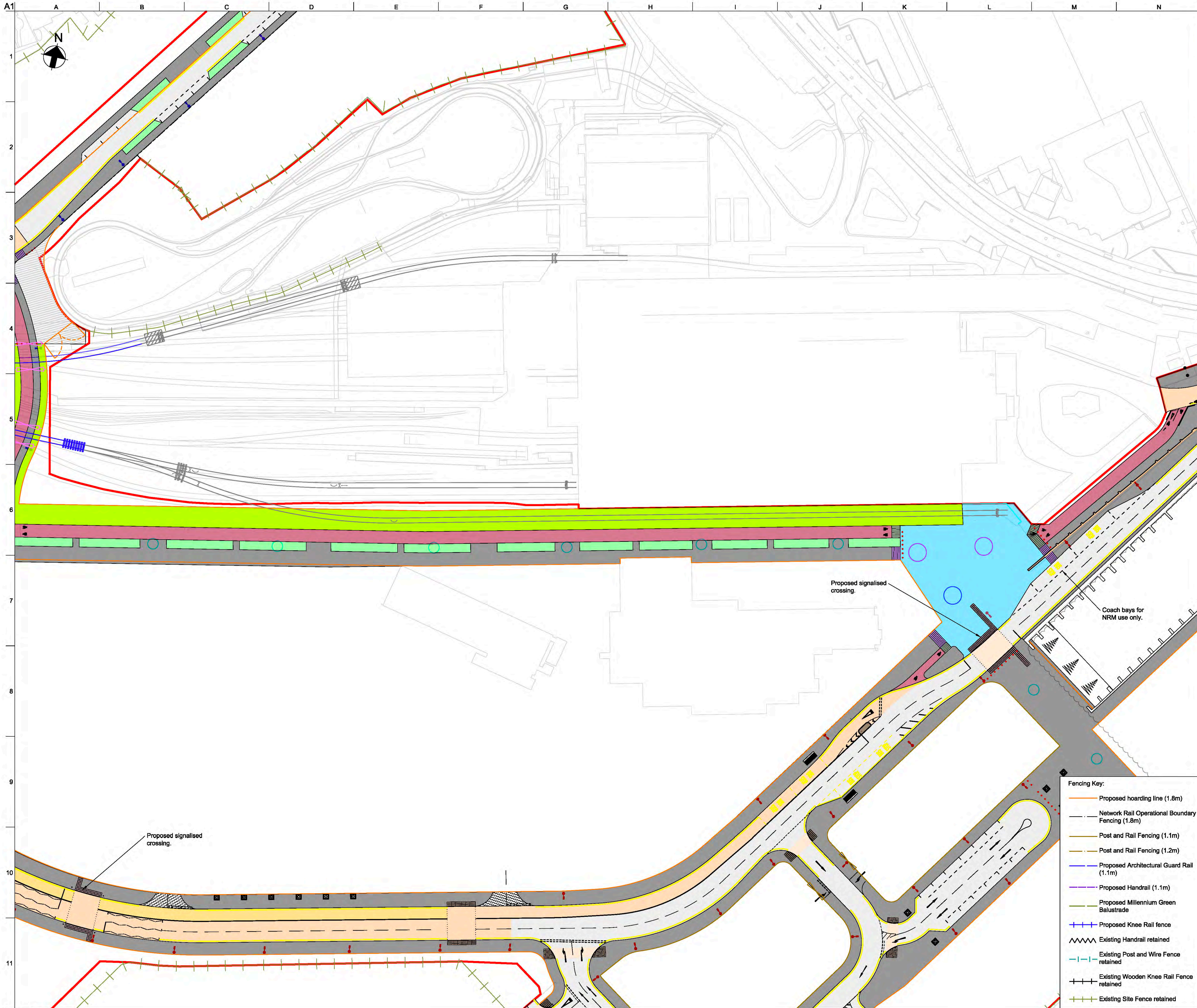
Rev	By	Chkd	Appd	Auth
P06	SM	GC	RB	RB
Date	Date	Date	Date	Date
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0109**

Project	Originator	Volume	Location	Type	Role	Number
YCL - ARP - RM1 - XX - DR - CH - 0109						

p:\work-arup.com\PIV\_ARUP\_UK\_2\Documents\York Central\01 Anup\CH - Civil - Highways\DR - Drawing\YCL-ARP-RM1-XX-DR-CH-0109





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▨ Vehicle Crossover
  - ▩ Retaining wall
  - ▨ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▨ Pedestrian deterrent paving
  - Network Rail Lineside Access area
- Tactile Paving Key:**
- ▨ Signalised Blister Tactile paving
  - ▨ Blister Tactile paving
  - ▨ Tramline Tactile (demarcation on cycle lane)
  - ▨ Ladder Tactile (demarcation on footway)
- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
P01	24/03/20	RMA Submission	MH	GC	NB	—
P02	31/03/20	RMA Submission	KN	GC	NB	—
P03	06/04/20	RMA Submission	KN	GC	NB	—
P04	08/04/20	RMA Submission	KN	GC	NB	—
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**

Admiral House, Rose Wharf, 78 East Street,  
London, E15 8BE  
Tel: +44 113 242 8498 Fax: +44 113 242 8573  
www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
General Arrangement  
Sheet 10 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways  
Suitability: S4 - Suitable for Stage Approval

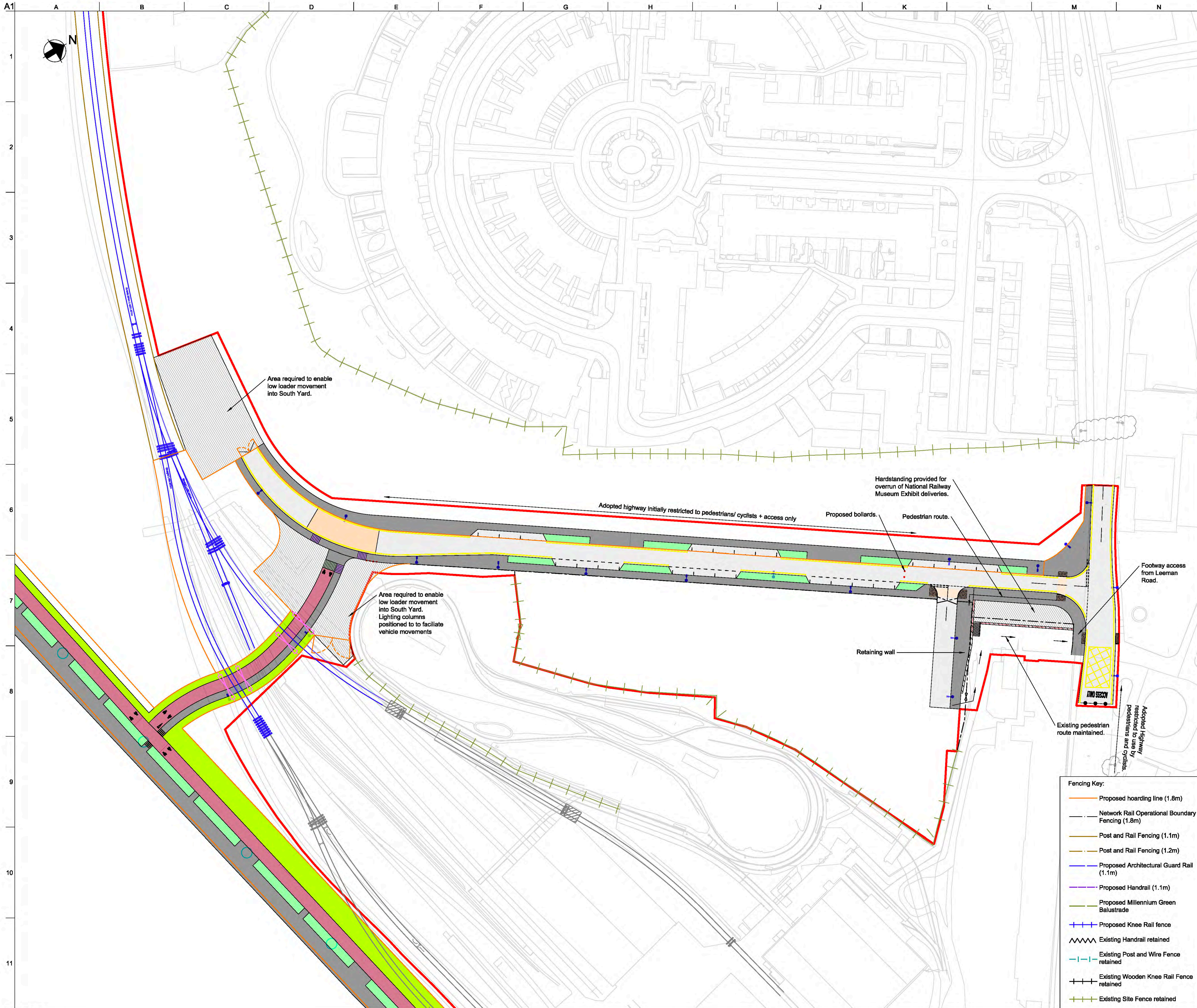
Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P06	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0110**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ▨ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained

p:\l\w-eur-arup.com\PIV\_ARUP\_UK\_2\Documents\York Central\01 Anup\CH - Civil - Highways\DR - Drawing\YCL-ARP-RM1-XX-DR-CH-0110





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▨ Vehicle Crossover
  - ▨ Retaining wall
  - ▨ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▨ Pedestrian deterrent paving
  - ▨ Network Rail Limeside Access area
- Tactile Paving Key:**
- ▨ Signalled Blister Tactile paving
  - ▨ Blister Tactile paving
  - ▨ Tramline Tactile (demarcation on cycle lane)
  - ▨ Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
---	---	---	---	---	---	---
P01	24/03/20	RMA Submission	MH	GC	NB	---
P02	31/03/20	RMA Submission	KN	GC	NB	---
P03	06/04/20	RMA Submission	KN	GC	NB	---
P04	08/04/20	RMA Submission	KN	GC	NB	---
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	---
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**  
 Adicional House, Rose Wharf, 78 East Street  
 Leeds, LS8 8EE  
 Tel: +44 113 242 8488 Fax: +44 113 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
 General Arrangement  
 Sheet 11 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

Role: Civil - Highways

Suitability: S4 - Suitable for Stage Approval

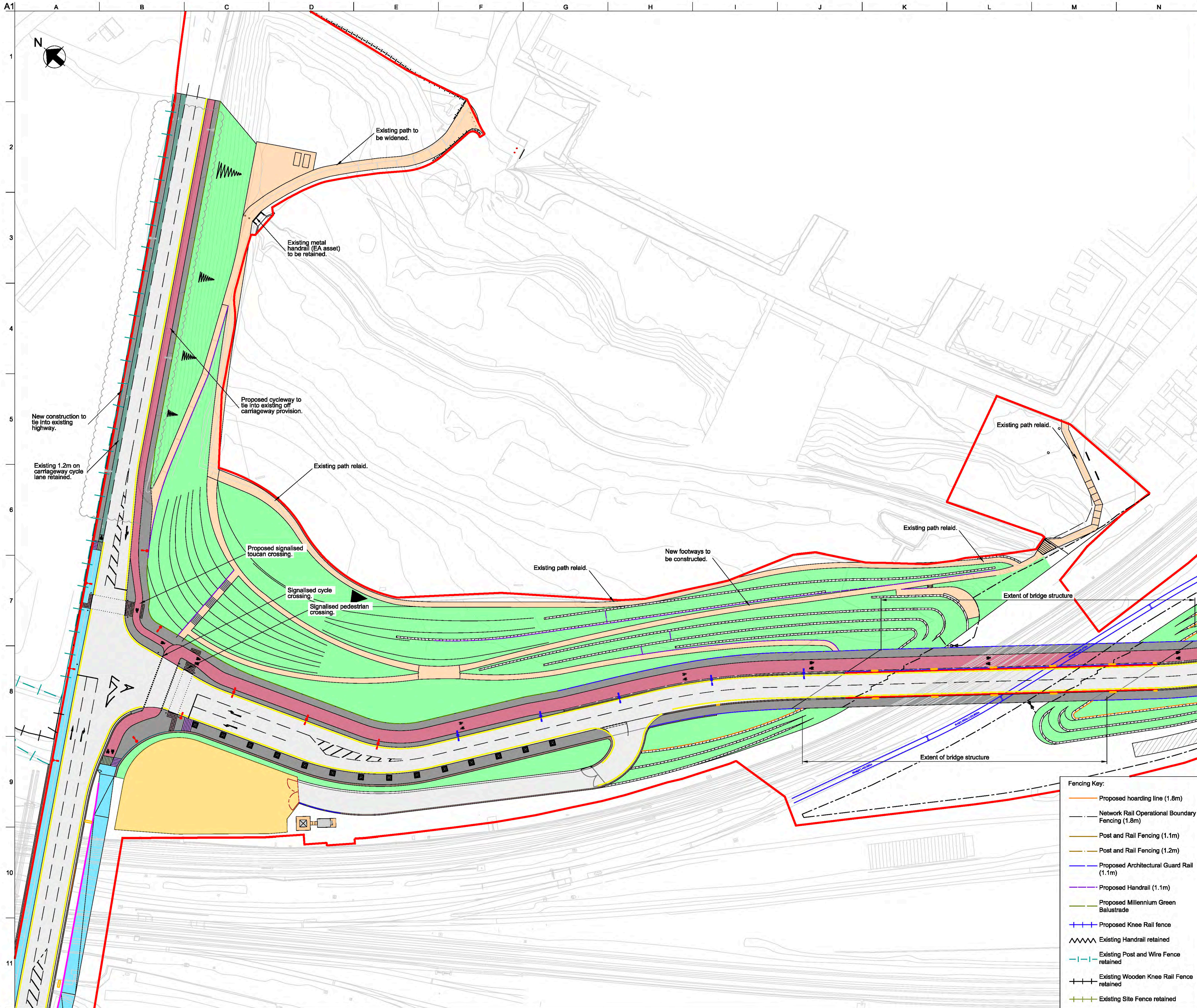
Rev	By	SM	Chkd	GC	Appd	RB	Auth	RB
Date	Date	Date	Date	Date	Date	Date	Date	Date
P06								
	11/09/19		11/09/19		11/09/19		11/09/19	

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0111**

Project	Originator	Volume	Location	Type	Role	Number
YCL	ARP	RM1	XX	DR	CH	0111

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▨ Vehicle Crossover
  - ▨ Retaining wall
  - ▨ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▨ Pedestrian deterrent paving
  - Network Rail Lineside Access area
- Tactile Paving Key:**
- ▨ Signalised Blister Tactile paving
  - ▨ Blister Tactile paving
  - ▨ Tramline Tactile (demarcation on cycle lane)
  - ▨ Ladder Tactile (demarcation on footway)

- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	24/03/20	RMA Submission	MH	GC	NB	—
P02	31/03/20	RMA Submission	KN	GC	NB	—
P03	06/04/20	RMA Submission	KN	GC	NB	—
P04	08/04/20	RMA Submission	KN	GC	NB	—
P05	11/10/20	Revised Cycle Infrastructure	MH	GC	NB	—
P06	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**  
 Arup House, Rose Wharf, 78 East Street, London, SE8 5BE  
 Tel: +44 133 242 8488 Fax: +44 133 242 8573  
 www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA General Arrangement Sheet 12 of 12**

Scale at A1: 1:2500 Anup Job No: 251869-00

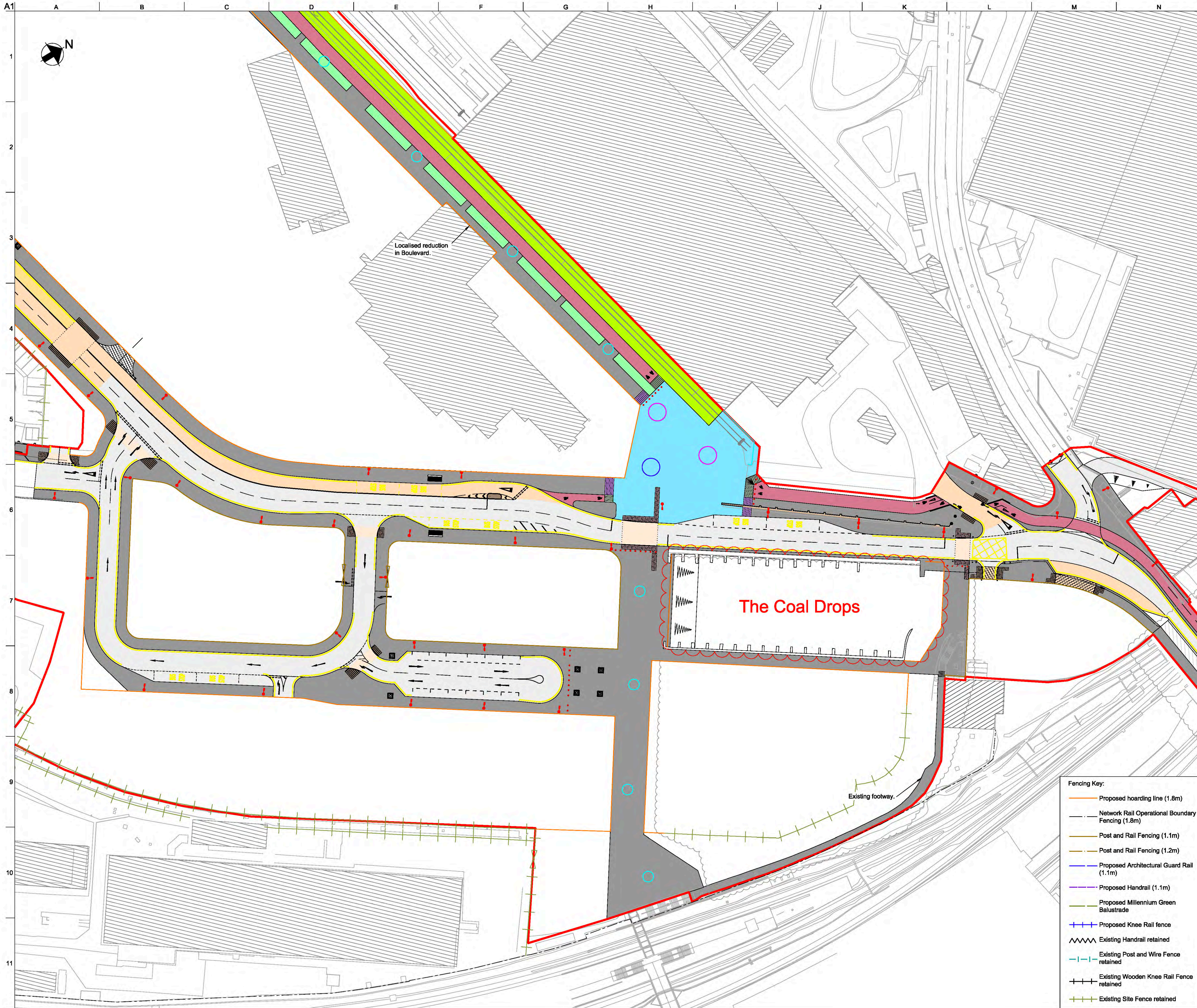
Role: Civil - Highways  
 Suitability: S4 - Suitable for Stage Approval

Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P06	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name  
**YCL - ARP - RM1 - XX - DR - CH - 0112**

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ▨ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - Existing Wooden Knee Rail Fence retained
  - Existing Site Fence retained





- General Key:**
- NRM Rail Spur
  - Landscape/ Planting
  - Vehicle Restraint System
  - Carriageway
  - Footway
  - Millennium Green Footway
  - Segregated cycle lane
  - On-carriageway cycle lane
  - Shared footway/ cycleway
  - Surface course colour contrast
  - Temporary Landscaping
  - ▨ Vehicle Crossover
  - ▨ Retaining wall
  - ▨ Unbound Area for Low Loader Access
  - Indicative traffic signal pole location
  - ▨ Pedestrian deterrent paving
  - ▨ Network Rail Lineside Access area
- Tactile Paving Key:**
- ▨ Signalled Blister Tactile paving
  - ▨ Blister Tactile paving
  - ▨ Tramline Tactile (demarcation on cycle lane)
  - ▨ Ladder Tactile (demarcation on footway)
- Lighting Key:**
- 8m column with double lantern
  - 8m column with single lantern
  - 6m column with double lantern
  - 6m column with single lantern
  - 4m column with single head
  - 8m multi-head column
  - 10m multi-head column
  - 12m multi-head column

Rev	Date	Description	By	Chkd	Appd	Auth
P01.1	11/09/19	Stage 3 Issue for YCP Board	SM	GC	RB	RB

**ARUP**

Admiral House, Rose Wharf, 78 East Street,  
London, E14 3BQ, UK  
Tel: +44 113 242 8488 Fax: +44 113 242 8573  
www.arup.com

Client  
**City of York Council**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure RMA  
Coal Drops  
Location Plan**

Scale at A1: N/A Anup Job No: 251869-00

Role: Civil - Highways

Suitability: SO - Initial status or WIP

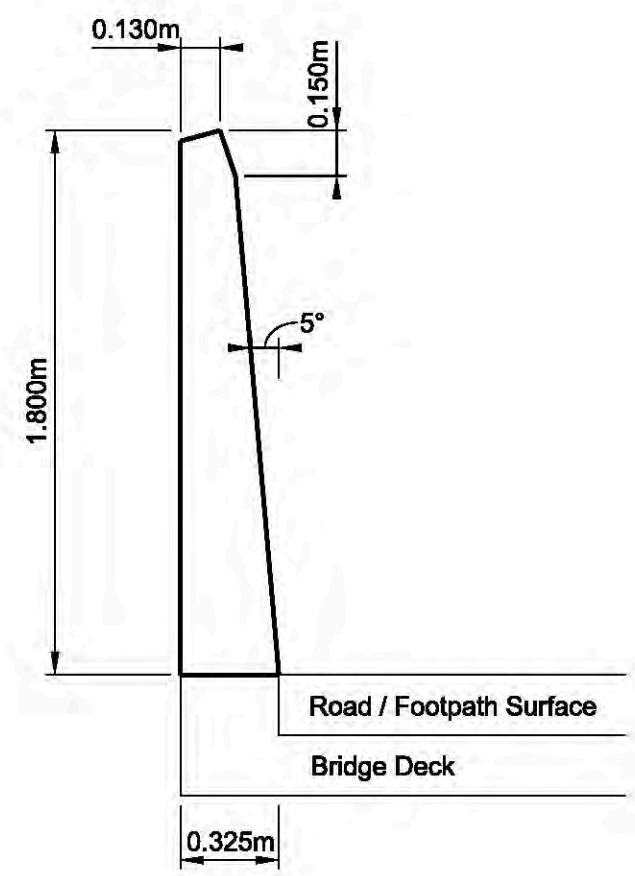
Rev	By	Chkd	Appd	Auth
Date	Date	Date	Date	Date
P01.1	SM	GC	RB	RB
11/09/19	11/09/19	11/09/19	11/09/19	11/09/19

Name: **YCL - ARP - RM1 - CD - DR - CH - 0001**

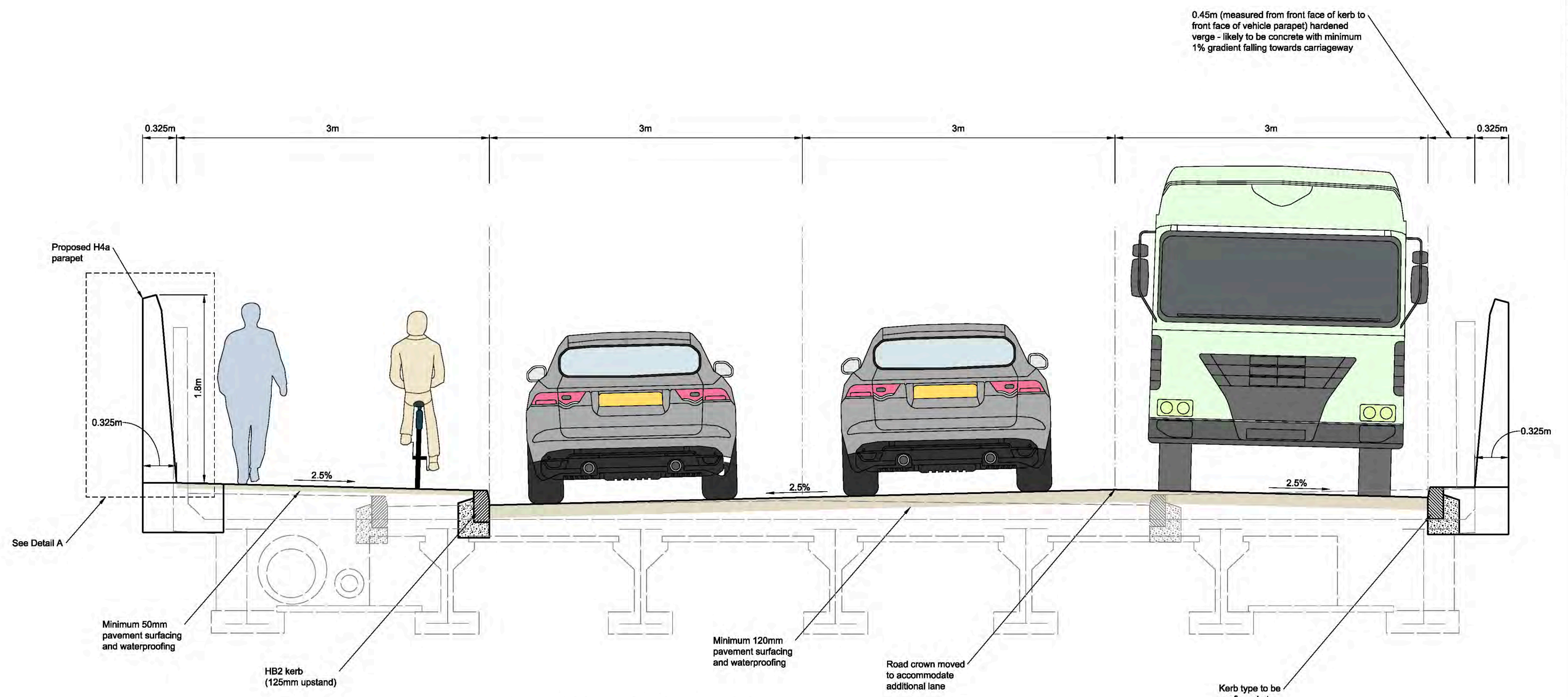
Project	Originator	Volume	Location	Type	Role	Number
YCL	ARP	RM1	CD	DR	CH	0001

- Fencing Key:**
- Proposed hoarding line (1.8m)
  - Network Rail Operational Boundary Fencing (1.8m)
  - Post and Rail Fencing (1.1m)
  - Post and Rail Fencing (1.2m)
  - Proposed Architectural Guard Rail (1.1m)
  - Proposed Handrail (1.1m)
  - Proposed Millennium Green Balustrade
  - + Proposed Knee Rail fence
  - ~ Existing Handrail retained
  - Existing Post and Wire Fence retained
  - + Existing Wooden Knee Rail Fence retained
  - + Existing Site Fence retained





**Detail A - Proposed H4a Parapet Profile**  
Scale 1:25



**Typical Bridge Deck Cross Section**  
Scale 1:25

- Notes:
- This sketch is to be read in conjunction with all relevant record drawings.
  - This sketch shows the design intent only. The design is to be coordinated with the latest road alignment design.
  - Concrete parapet is the preferred option for aesthetic reasons. Other forms of H4a proprietary products may be considered subject to the clients approval.

Rev	Date	Description	By	Chkd	Appd	Auth
P01	24/03/20	RMA Submission	KN	GC	NB	—

**ARUP**

Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

Client  
**York Central Partnership**

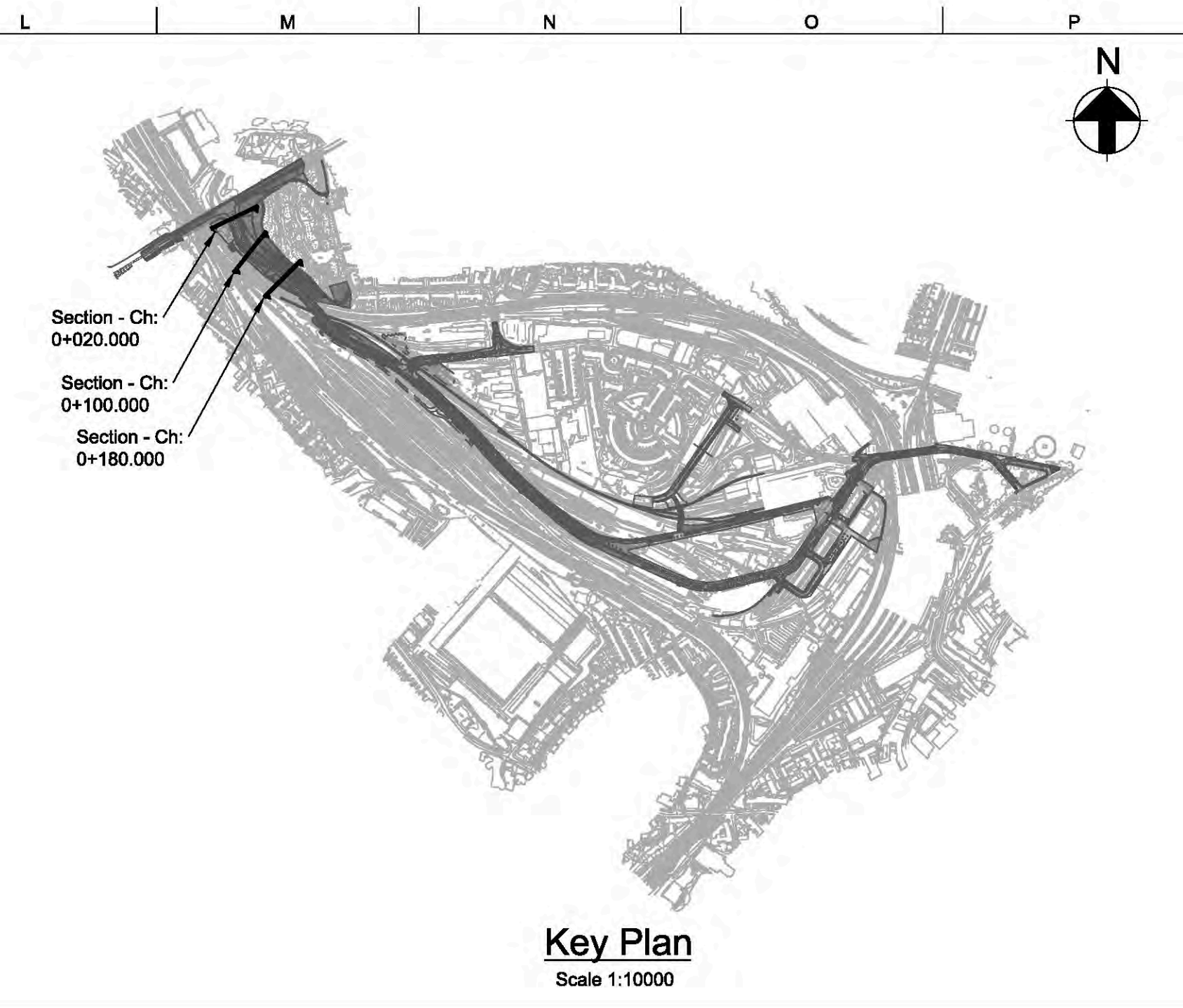
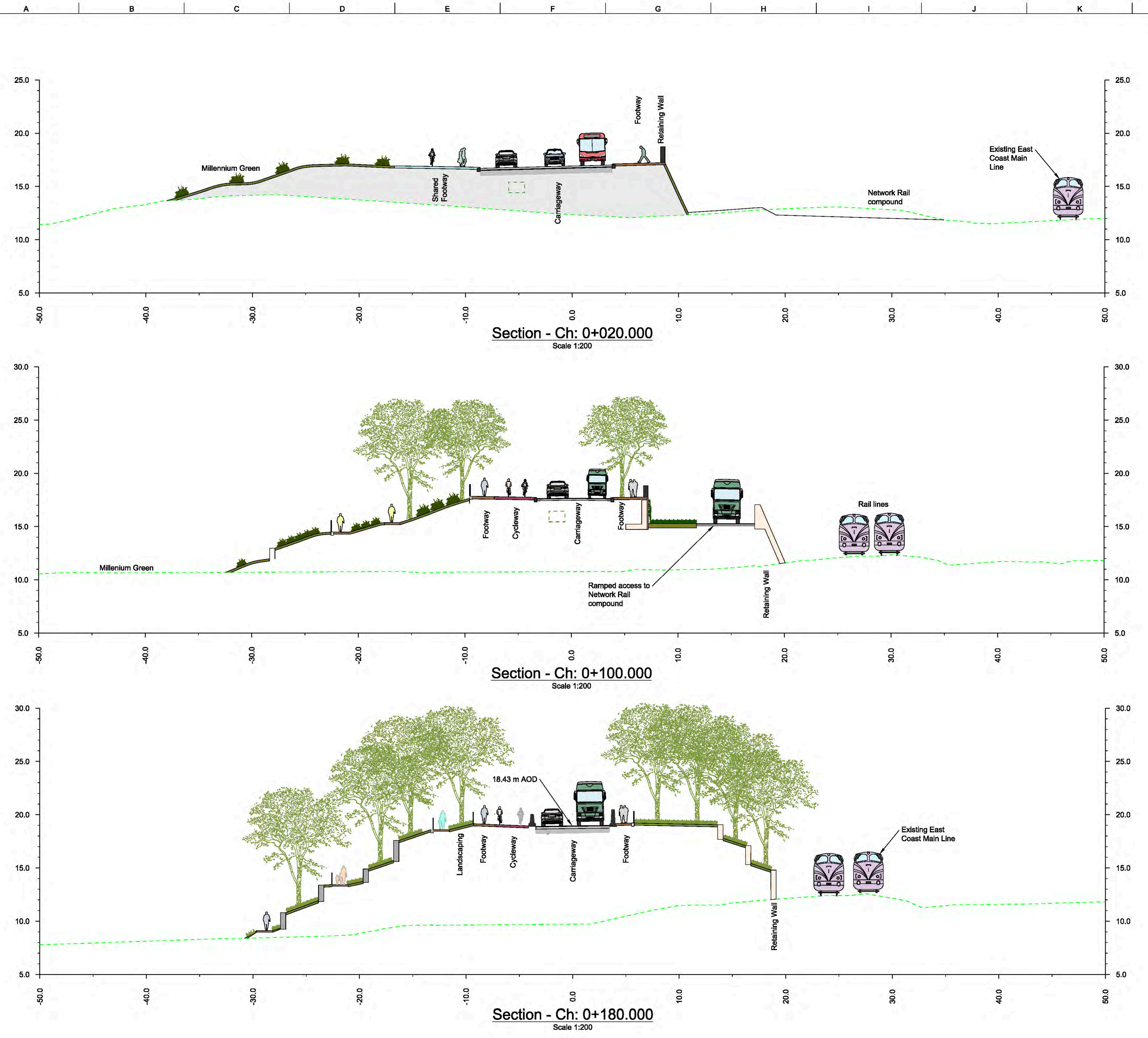
Project Title  
**York Central**

Drawing Title  
**Cross Sections**

Scale at A1	N/A		Anup Job No	251869-00	
Role	Civil - Bridges				
Suitability	S4 - Suitable for Stage Approval				
Rev	By	Chkd	Appd	Auth	
<b>P01</b>	KN	GC	NB	—	
	Date	Date	Date	Date	
	24/03/20	24/03/20	24/03/20	—	
Name	<b>YCL - ARP - RM1 - WE - DR - CB - 2001</b>				
Project	Originator	Volume	Location	Type	Role Number



A1  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10



Rev	Date	Description	By	Chkd	Appd	Auth
P01	22/03/20	RMA Submission	MH	GC	NB	---
P02	24/03/20	RMA Submission	KN	GC	NB	---
P03	31/03/20	RMA Submission	KN	GC	NB	---

**ARUP**  
 Adrial House Rose Wharf 78 East Street  
 Leeds, LS9 8EE  
 Tel +44 113 242 8498 Fax +44 113 242 8573  
 www.arup.com

Client  
**CYC, Homes England and Network Rail**

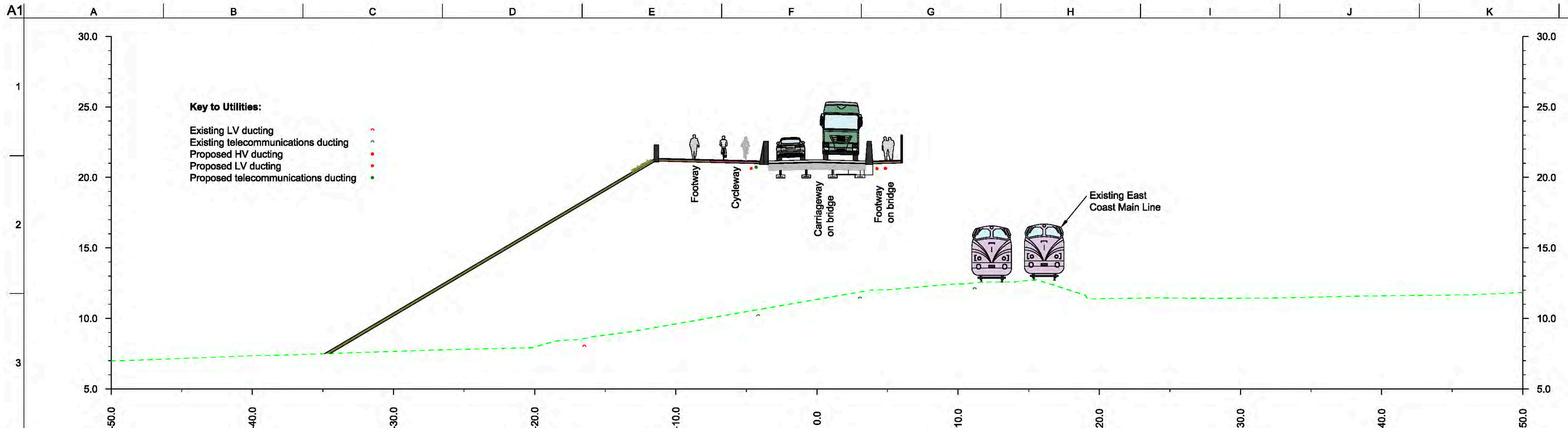
Project Title  
**York Central**

Drawing Title  
**Typical Sections  
 Highways  
 Sheet 1 of 7**

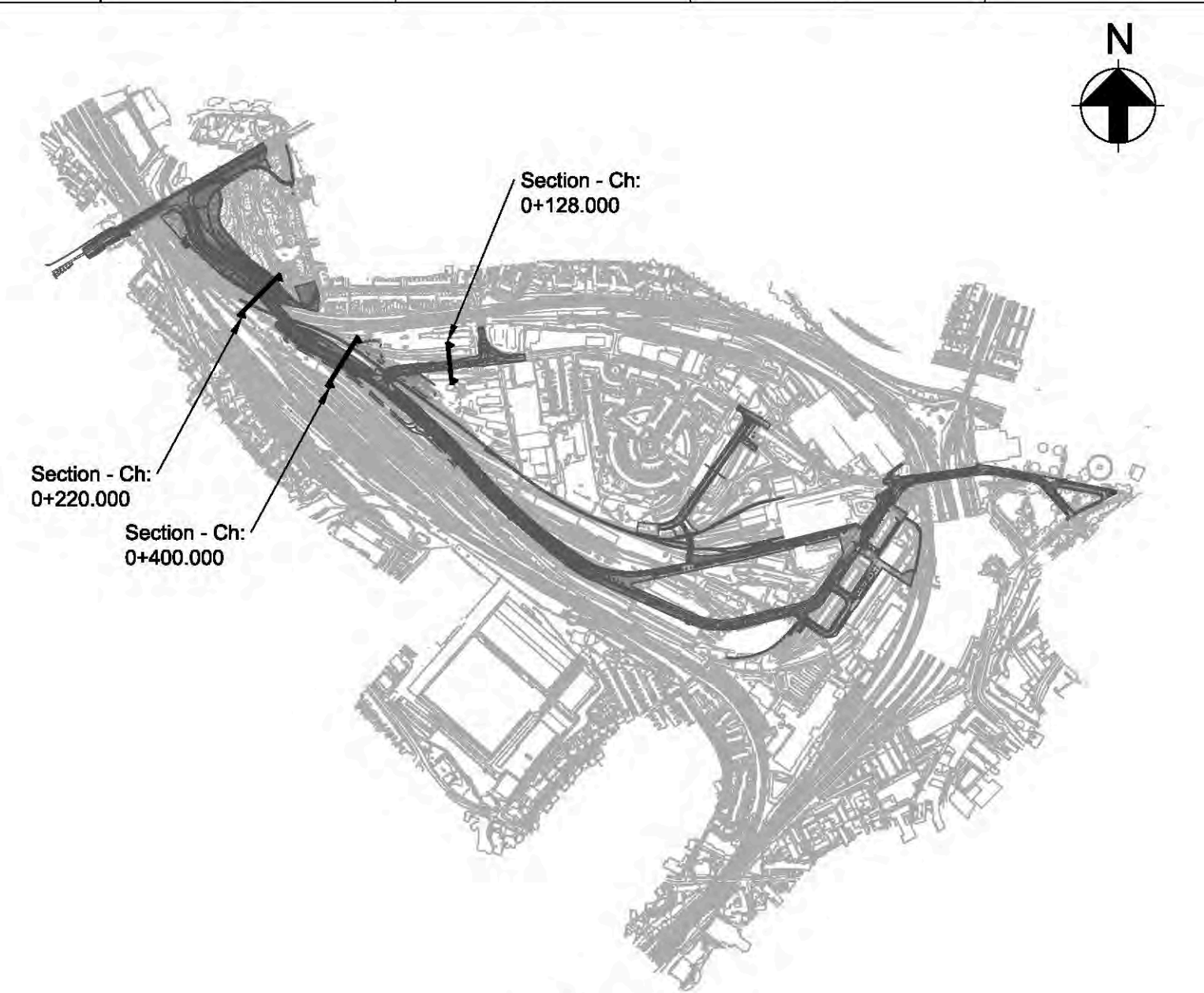
Scale at A1	N/A		Arup Job No	251869-00	
Role	Civil - Highways				
Subsidiary	S4 - Suitable for Stage Approval				
Rev	By	Chkd	Appd	Auth	---
<b>P03</b>	KN	GC	NB	---	---
Date	30/03/20	Date	31/03/20	Date	31/03/20
Name	<b>YCL - ARP - RM1 - XX - DR - CH - 0121</b>				
Project	Originator	Volume	Location	Type	Role Number

p:\w\arup.com\PW\_ARUP\_UK\_2\Documents\York Central\01 - Civil - Highways\DR - Drawing\YCL-ARP-RM1-XX-DR-CH-0121

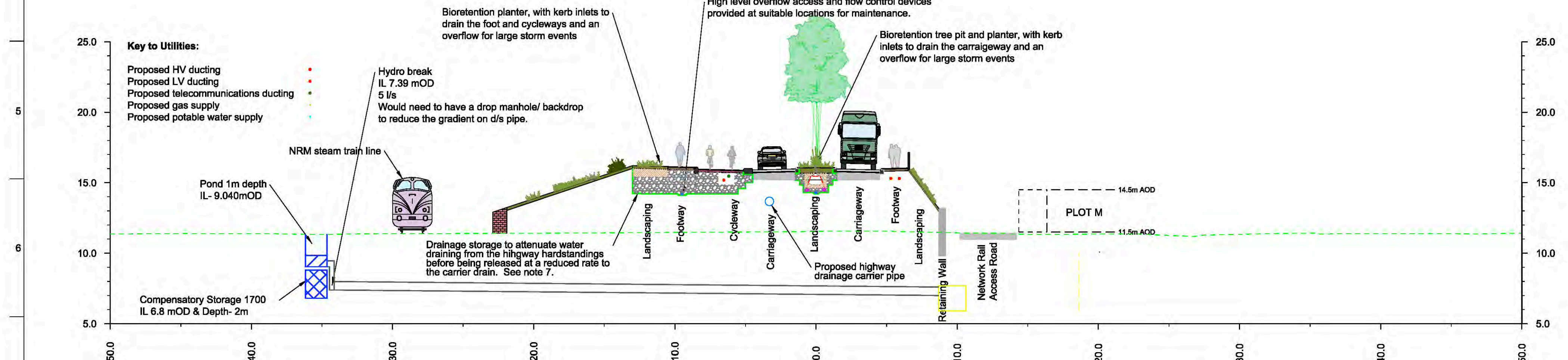




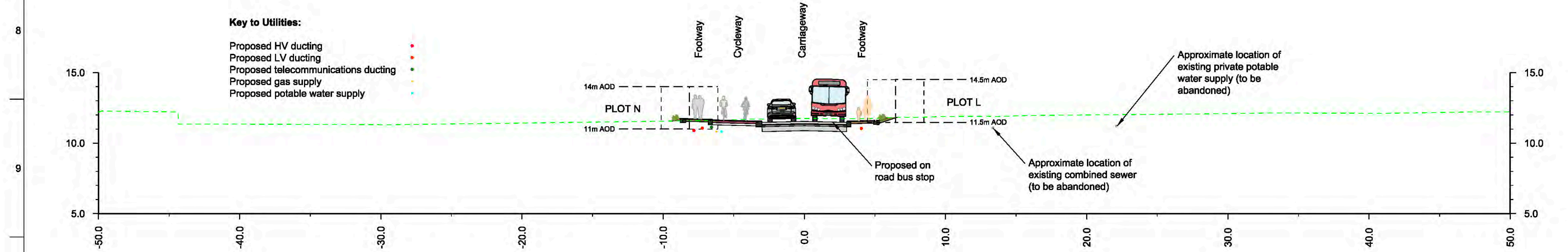
Section - Ch: 0+220.000  
Scale 1:200



Key Plan  
Scale 1:10000



Section - Ch: 0+400.000  
Scale 1:200



Section - Ch: 0+128.000  
Scale 1:200

- Notes**
- Drawing to be read in conjunction with all relevant drawings, details and specifications.
  - Cross sections are indicative only.
  - Do not scale from the drawings.
  - The development plot drainage swale design will be developed in future design phases.
  - Unless stated elsewhere the highway will be drained using trapped gullies or similar, with lateral drains to the nearest highway carrier drain.
  - Storage type to be determined during detailed design. High void ration stone or geocellular crates are being considered.
  - Contractor to allow for a 2m excavation and installation of clean fill material up to formation level.

- Design of earth retaining structure is to separate the foundation of the highway from the Millennium Green embankment.
- Limit of deviation based upon the parameters plan.
- Hatched area beneath embankments to be treated. Method and extent to be specified upon completion of GI.
- York Central embankment to be constructed first with buried bag work vertical face. Millennium Green slope to be built afterwards.
- Geogrid earth reinforcement arrangement shown is indicative only. Detailed design to be completed by supplier.

Rev	Date	Description	By	Chkd	Appd	Auth
P01	22/03/20	RMA Submission	MH	GC	NB	---
P02	24/03/20	RMA Submission	KN	GC	NB	---
P03	31/03/20	RMA Submission	KN	GC	NB	---

**ARUP**

Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

Client  
CYC, Homes England and Network Rail

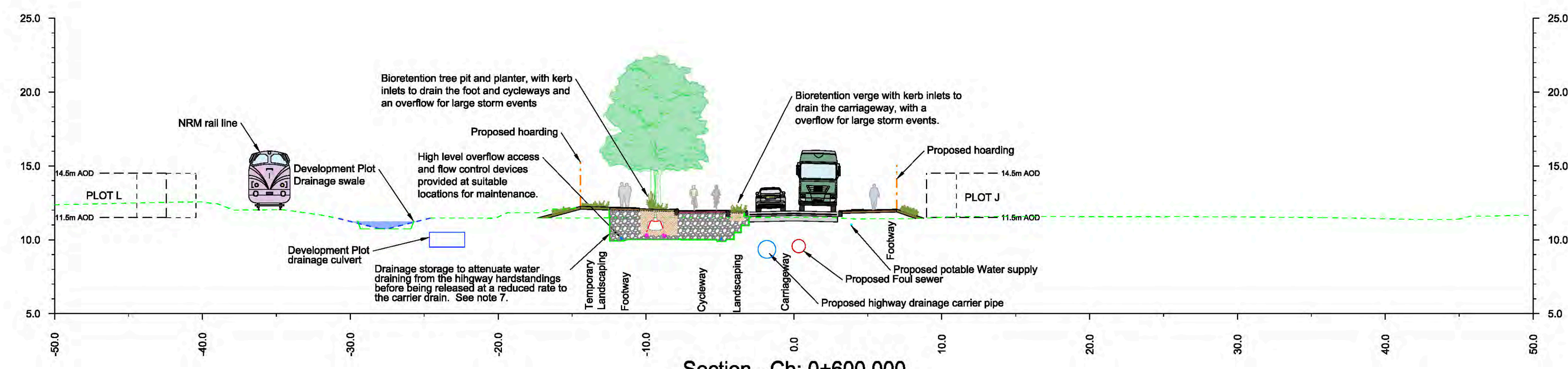
Project Title  
York Central

Project Title  
Typical Sections  
Highways  
Sheet 2 of 7

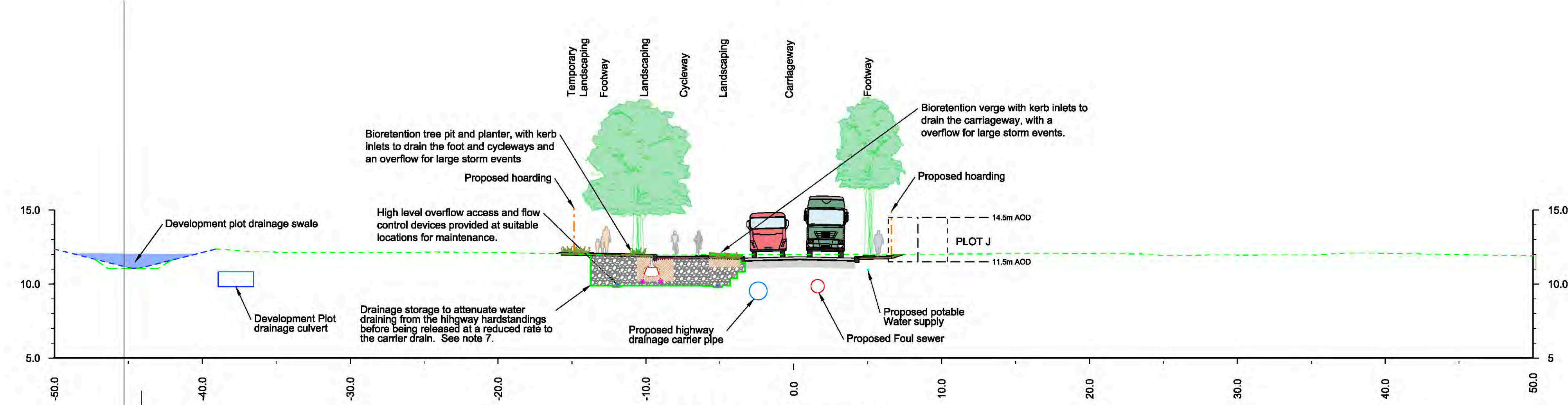
Scale at A1	N/A	Arup Job No	251869-00			
Role	Civil - Highways					
Subsidiary	S4 - Suitable for Stage Approval					
Rev	By	Chkd	Appd	Auth		
P03	KN	GC	NB	---		
	Date	Date	Date	Date		
	30/03/20	31/03/20	31/03/20	---		
Name YCL - ARP - RM1 - XX - DR - CH - 0122						
Project	Originator	Volume	Location	Type	Role	Number



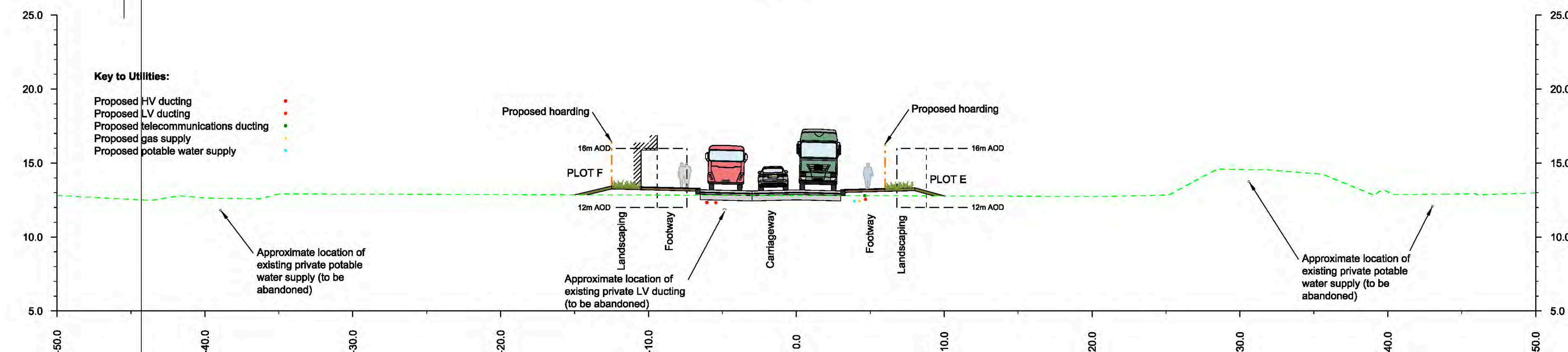
A1  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10



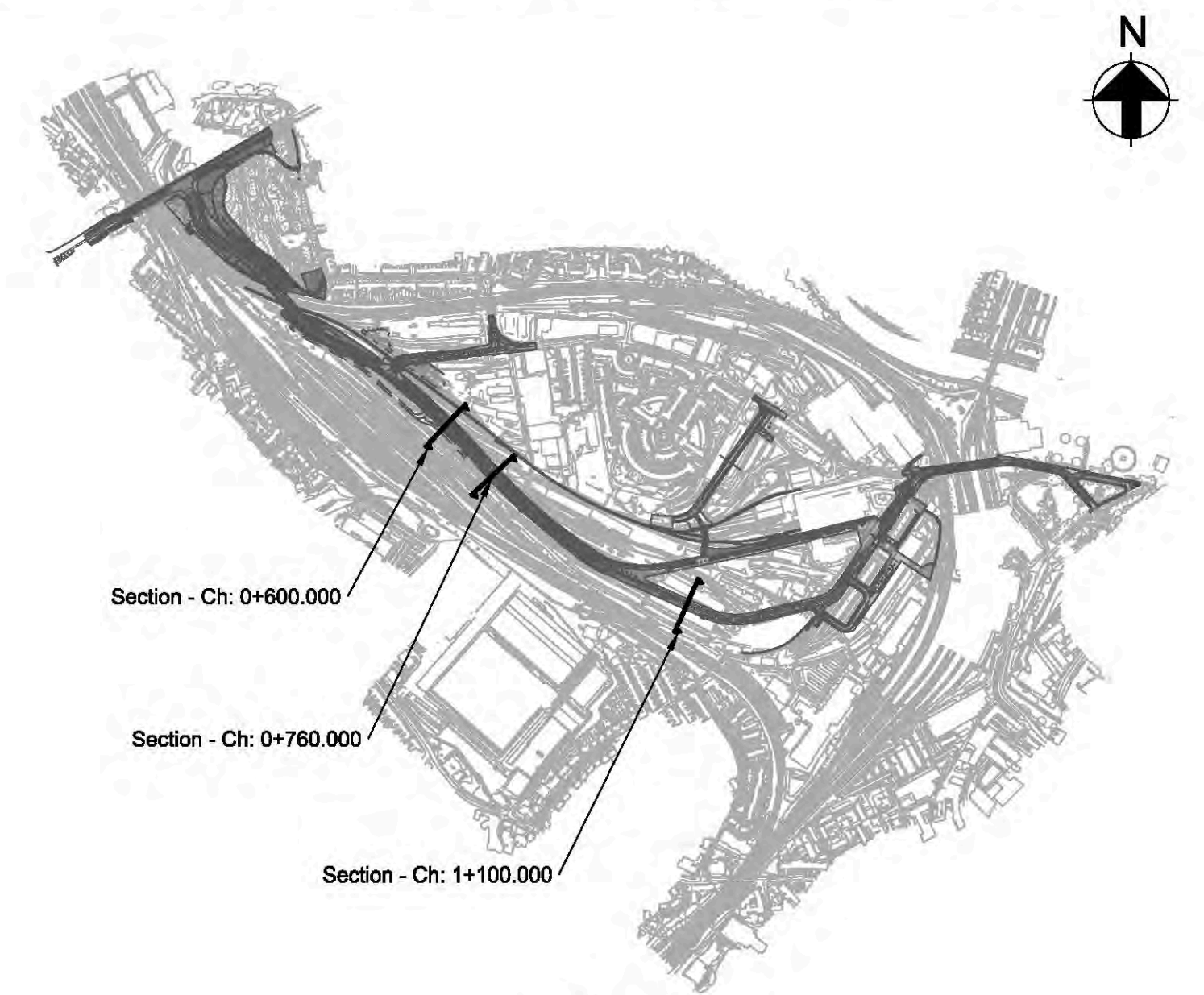
Section - Ch: 0+600.000  
Scale 1:200



Section - Ch: 0+760.000  
Scale 1:200



Section - Ch: 1+100.000  
Scale 1:200



Key Plan  
Scale 1:10000

- Notes**
- Drawing to be read in conjunction with all relevant drawings, details and specifications.
  - 
  - Cross sections are indicative only.
  - Do not scale from the drawings.
  - The development plot drainage swale design will be developed in future design phases.
  - Unless stated elsewhere the highway will be drained using trapped gullies or similar, with lateral drains to the nearest highway carrier drain.
  - Storage type to be determined during detailed design. High void ration stone or geocellular crates are being considered.
  - Contractor to allow for a 2m excavation and installation of clean fill material up to formation level.

- Design of earth retaining structure is to separate the foundation of the highway from the Millennium Green embankment.
- Limit of deviation based upon the parameters plan.
- Hatched area beneath embankments to be treated. Method and extent to be specified upon completion of GI.
- York Central embankment to be constructed first with buried bag work vertical face. Millennium Green slope to be built afterwards.
- Geogrid earth reinforcement arrangement shown is indicative only. Detailed design to be completed by supplier.

Rev	Date	Description	By	Chkd	Appd	Auth
P01	22/03/20	RMA Submission	MH	GC	NB	---
P02	24/03/20	RMA Submission	KN	GC	NB	---
P03	31/03/20	RMA Submission	KN	GC	NB	---

**ARUP**

Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

Client  
**CYC, Homes England and Network Rail**

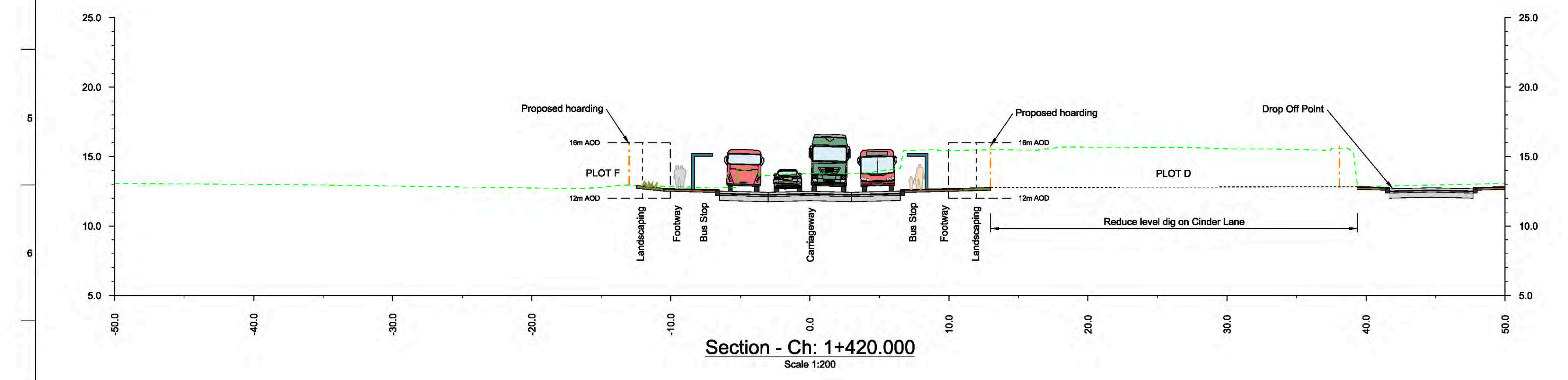
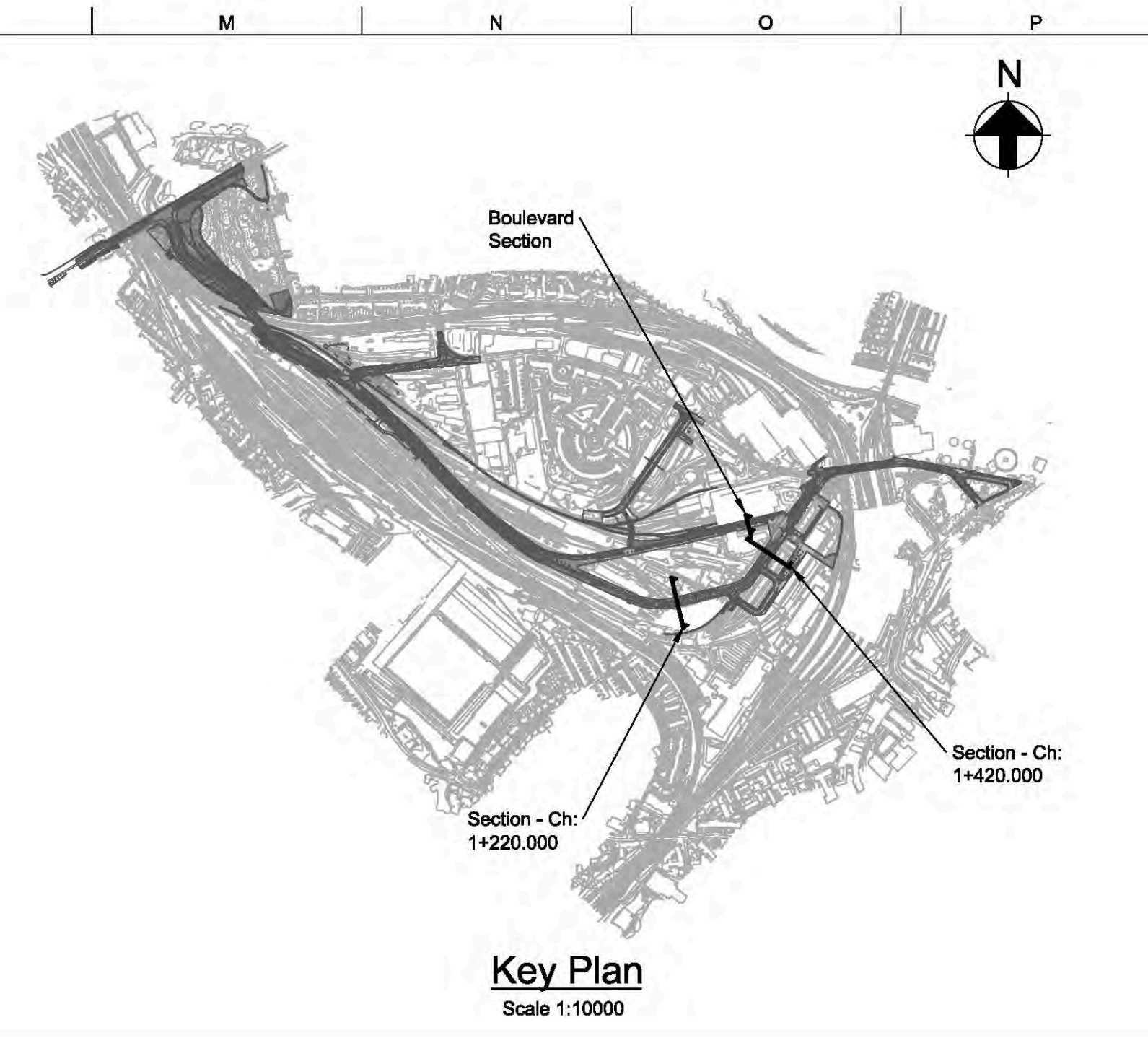
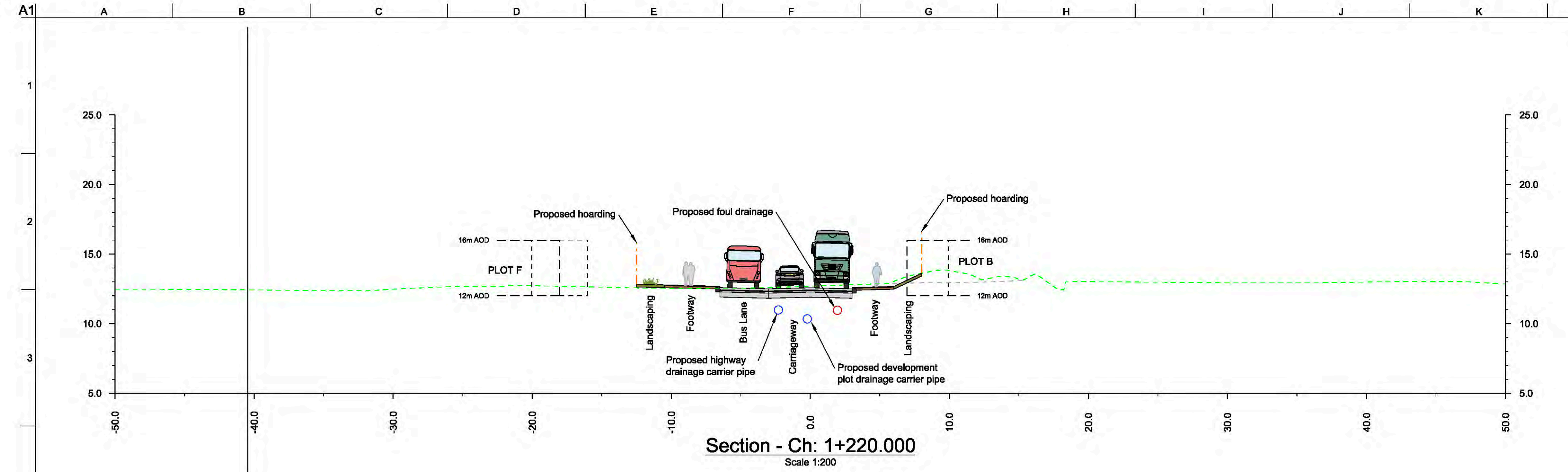
Project Title  
**York Central**

---

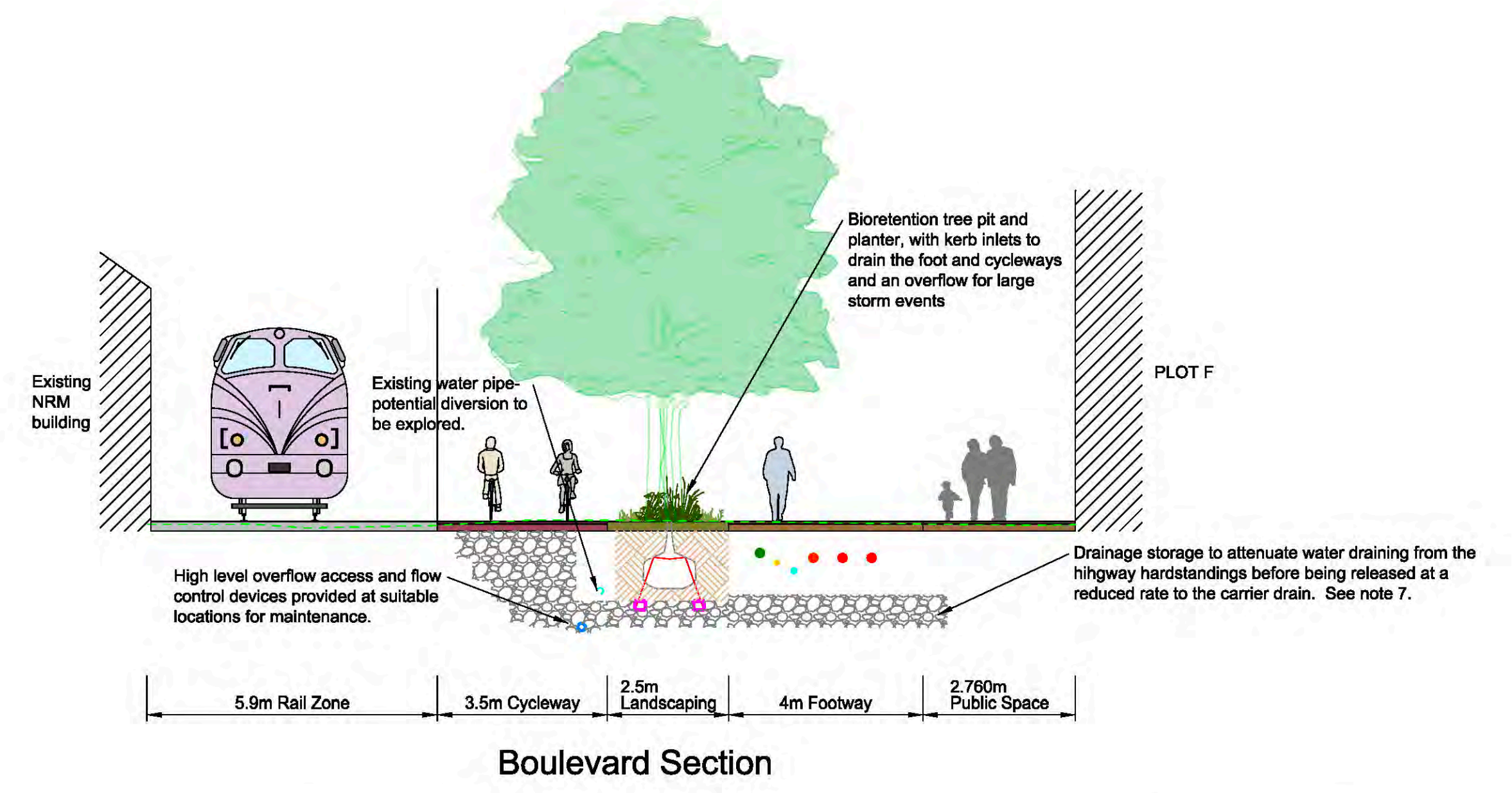
Drawing Title  
**Typical Sections  
Highways  
Sheet 3 of 7**

Scale at A1	N/A		Arup Job No	251869-00	
Role	Civil - Highways				
Subsidiary	S4 - Suitable for Stage Approval				
Rev	By	Chkd	Appd	Auth	
<b>P03</b>	KN	GC	NB	---	
Date	30/03/20	31/03/20	31/03/20		
Name <b>YCL - ARP - RM1 - XX - DR - CH - 0123</b>					
Project	Originator	Volume	Location	Type	Role Number





- Key to Utilities:**
- Existing sewer
  - Existing potable water supply
  - Proposed HV ducting
  - Proposed LV ducting
  - Proposed telecommunications ducting
  - Proposed gas supply
  - Proposed potable water supply



- Notes**
- Drawing to be read in conjunction with all relevant drawings, details and specifications.
  - Cross sections are indicative only.
  - Do not scale from the drawings.
  - The development plot drainage swale design will be developed in future design phases.
  - Unless stated elsewhere the highway will be drained using trapped gullies or similar, with lateral drains to the nearest highway carrier drain.
  - Storage type to be determined during detailed design. High void ration stone or geocellular crates are being considered.
  - Contractor to allow for a 2m excavation and installation of clean fill material up to formation level.

- Design of earth retaining structure is to separate the foundation of the highway from the Millennium Green embankment.
- Limit of deviation based upon the parameters plan.
- Hatched area beneath embankments to be treated. Method and extent to be specified upon completion of GI.
- York Central embankment to be constructed first with buried bag work vertical face. Millennium Green slope to be built afterwards.
- Geogrid earth reinforcement arrangement shown is indicative only. Detailed design to be completed by supplier.

Rev	Date	Description	By	Chkd	Appd	Auth
P01	22/03/20	RMA Submission	MH	GC	NB	---
P02	24/03/20	RMA Submission	KN	GC	NB	---
P03	31/03/20	RMA Submission	KN	GC	NB	---
P04	06/04/20	RMA Submission	KN	GC	NB	---

**ARUP**

Admiral House Rose Wharf 78 East Street  
Leeds, LS2 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

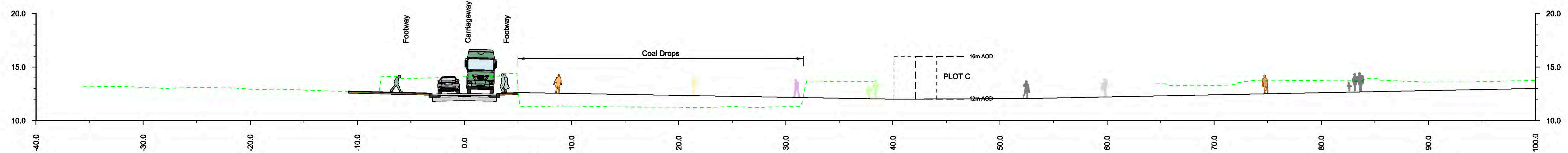
Client  
**CYC, Homes England and Network Rail**

Project Title  
**York Central**

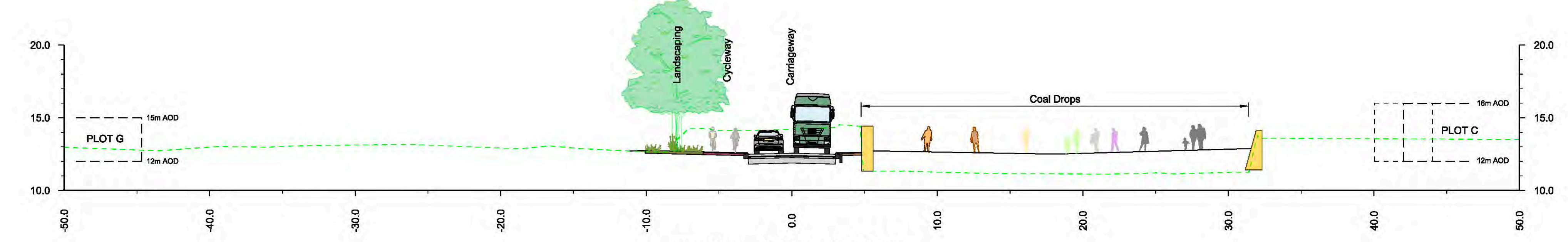
Drawing Title  
**Typical Sections Highways Sheet 4 of 7**

Scale at A1	N/A	Arup Job No	251869-00			
Role	Civil - Highways					
Subsidiary	S4 - Suitable for Stage Approval					
Rev	By	Chkd	Appd	Auth		
<b>P04</b>	KN	GC	NB	---		
Date	06/04/20	06/04/20	06/04/20	---		
Name	<b>YCL - ARP - RM1 - XX - DR - CH - 0124</b>					
Project	Originator	Volume	Location	Type	Role	Number

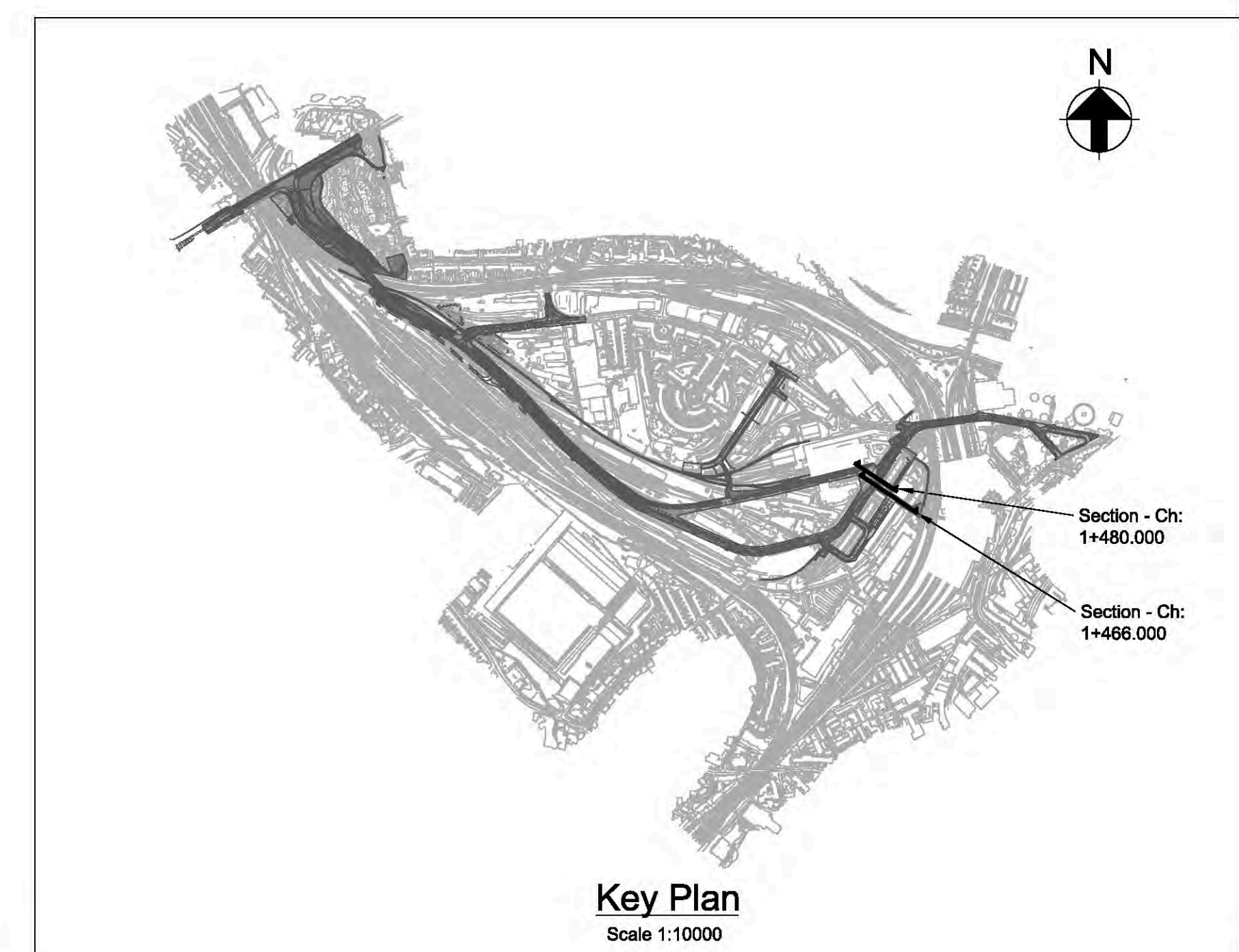




Section - Ch: 1+466.000  
Scale 1:200



Section - Ch: 1+480.000  
Scale 1:200



Key Plan  
Scale 1:10000

Rev	Date	Description	By	Chkd	Appd	Auth
P01	22/03/20	RMA Submission	MH	GC	NB	---
P02	24/03/20	RMA Submission	KN	GC	NB	---
P03	31/03/20	RMA Submission	KN	GC	NB	---

**ARUP**  
Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

Client  
**CYC, Homes England and Network Rail**

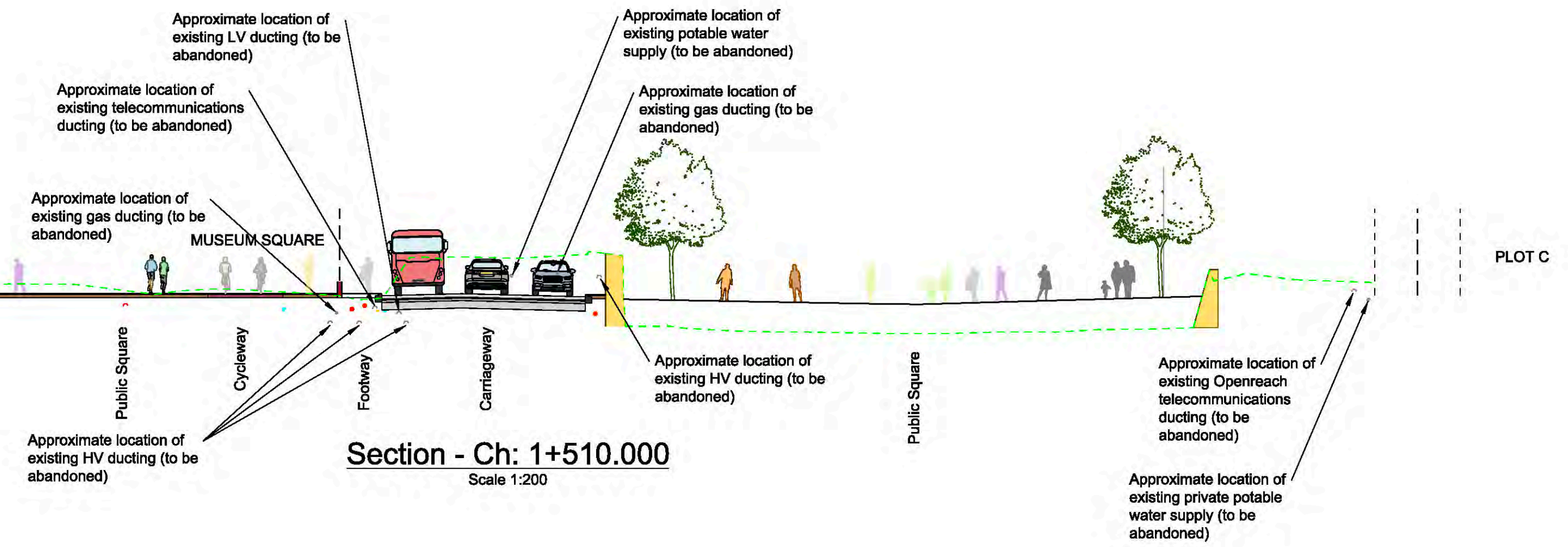
Project Title  
**York Central**

Drawing Title  
**Typical Sections  
Highways  
Sheet 5 of 7**

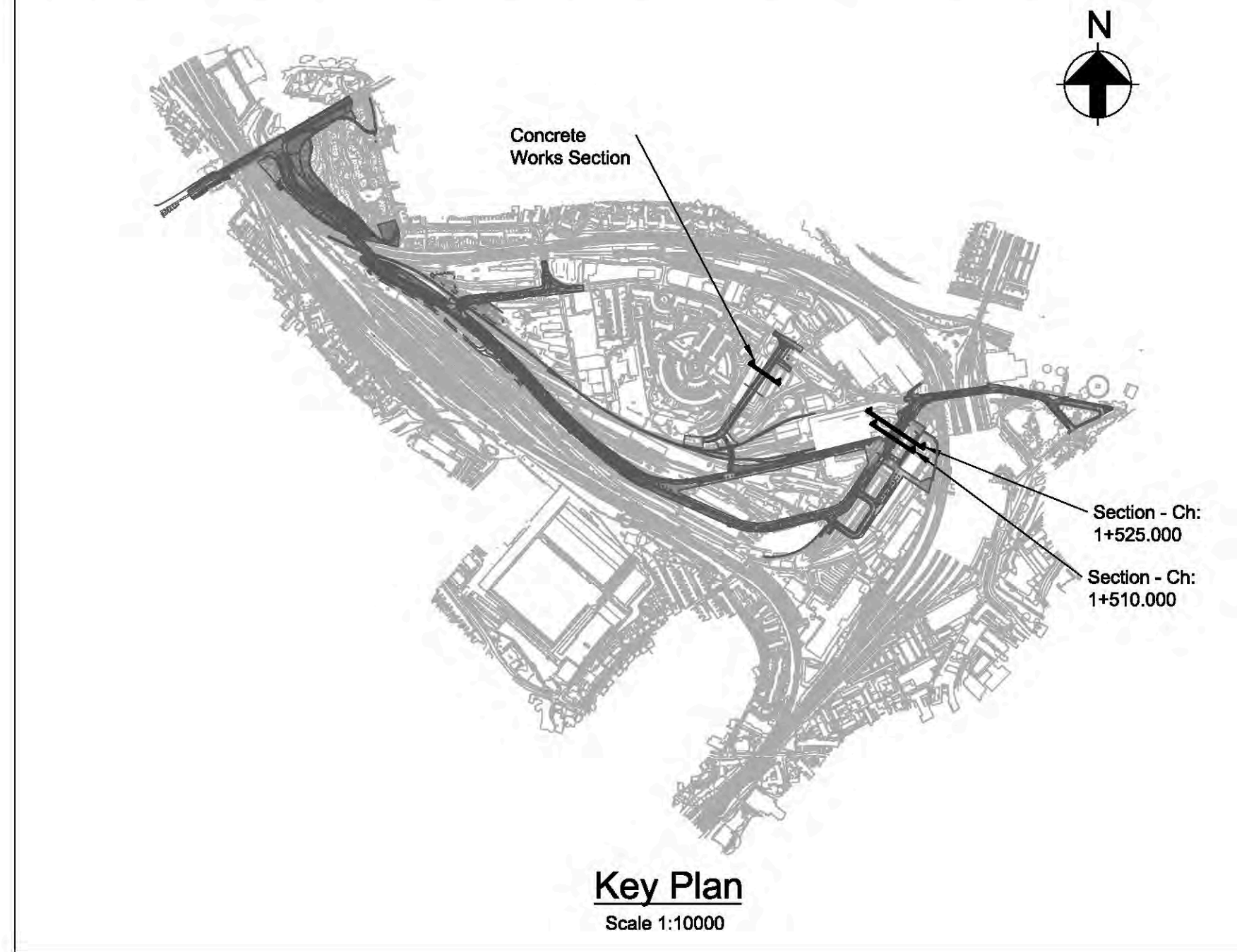
Scale at A1	N/A		Arup Job No	251869-00	
Role	Civil - Highways				
Subsidiary	S4 - Suitable for Stage Approval				
Rev	By	Chkd	Appd	Auth	
<b>P03</b>	KN	GC	NB	---	
	Date	Date	Date	Date	Date
	30/03/20	31/03/20	31/03/20	---	---
Name <b>YCL - ARP - RM1 - XX - DR - CH - 0125</b>					
Project	Originator	Volume	Location	Type	Number



**Key to Utilities:**  
 Existing HV ducting  
 Existing telecommunications ducting  
 Existing potable water supply  
 Existing combined sewer  
 Proposed HV ducting  
 Proposed LV ducting  
 Proposed telecommunications ducting  
 Proposed gas supply  
 Proposed potable water supply

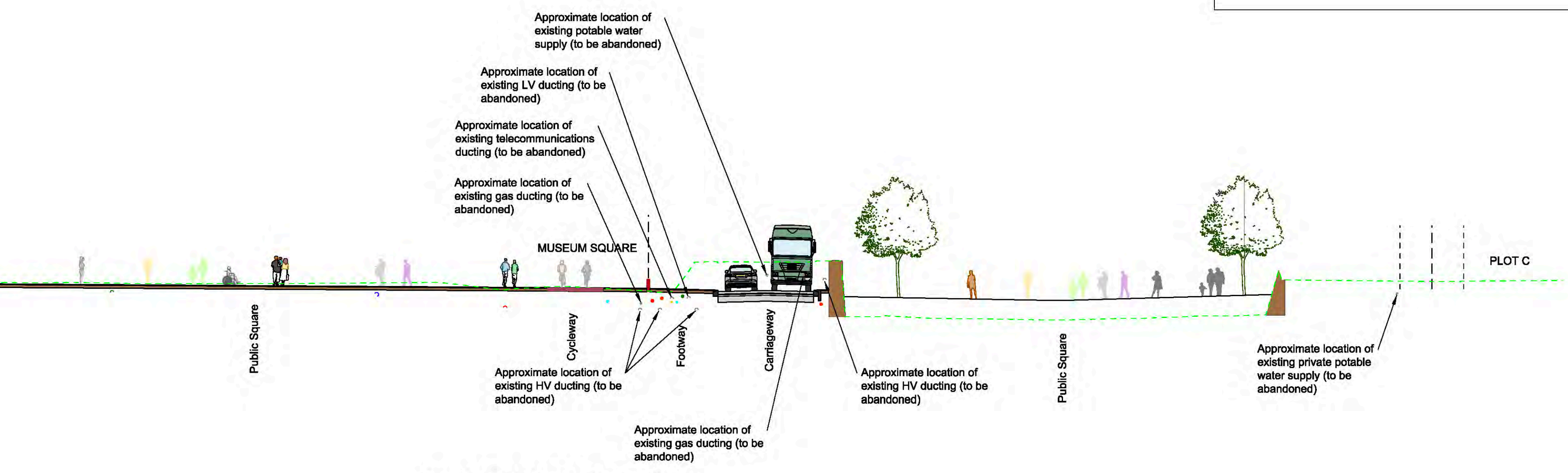


**Section - Ch: 1+510.000**  
Scale 1:200

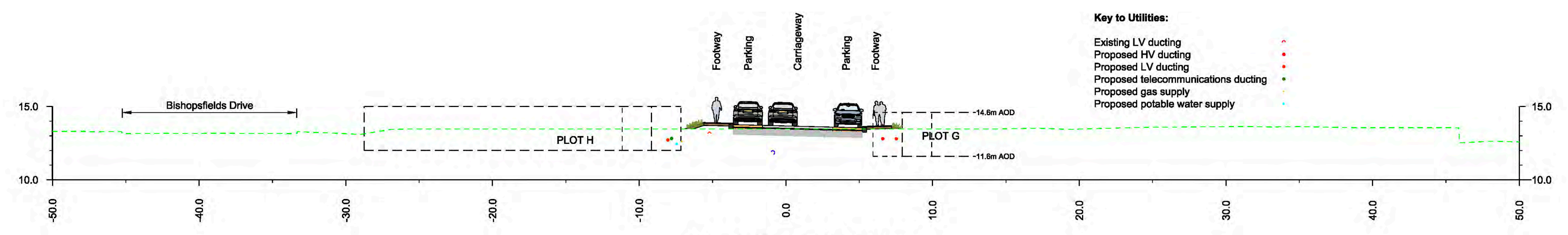


**Key Plan**  
Scale 1:10000

**Key to Utilities:**  
 Existing HV ducting  
 Existing telecommunications ducting  
 Existing potable water supply  
 Existing sewer  
 Proposed HV ducting  
 Proposed LV ducting  
 Proposed telecommunications ducting  
 Proposed gas supply  
 Proposed potable water supply



**Section - Ch: 1+525.000**  
Scale 1:200



**Concrete Depot Section**  
Scale 1:200

**Key to Utilities:**  
 Existing LV ducting  
 Proposed HV ducting  
 Proposed LV ducting  
 Proposed telecommunications ducting  
 Proposed gas supply  
 Proposed potable water supply

Rev	Date	Description	By	Chkd	Appd	Auth
P01	22/03/20	RMA Submission	MH	GC	NB	---
P02	24/03/20	RMA Submission	KN	GC	NB	---
P03	31/03/20	RMA Submission	KN	GC	NB	---

**ARUP**  
 Admiral House Rose Wharf 78 East Street  
 Leeds, LS9 8EE  
 Tel +44 113 242 8498 Fax +44 113 242 8573  
 www.arup.com

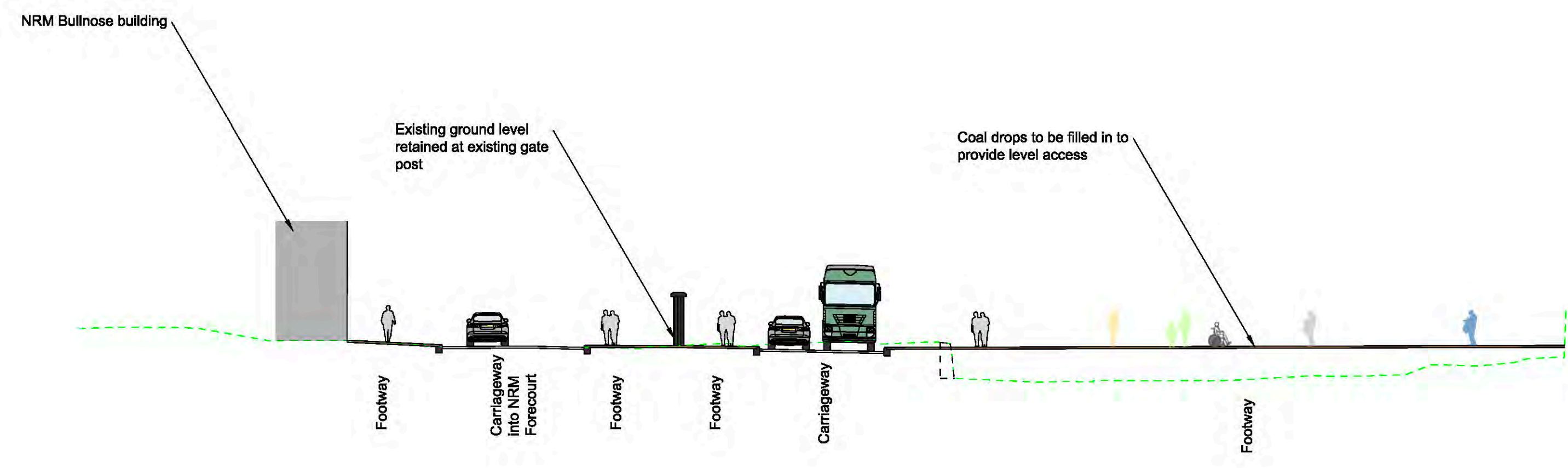
Client  
**CYC, Homes England and Network Rail**

Project Title  
**York Central**

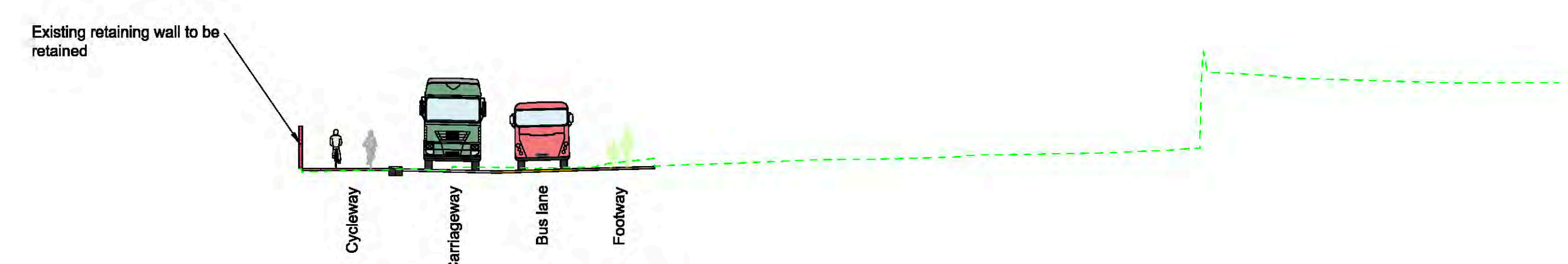
Drawing Title  
**Typical Sections  
 Highways  
 Sheet 6 of 7**

Scale at A1 N/A		Anup Job No 251869-00	
Role Civil - Highways			
Subsidiary S4 - Suitable for Stage Approval			
Rev	By	Chkd	Appd
<b>P03</b>	KN	GC	NB
Date	Date	Date	Date
31/03/20	31/03/20	31/03/20	---
Name <b>YCL - ARP - RM1 - XX - DR - CH - 0126</b>			
Project	Originator	Volume	Location
			Type
			Role
			Number

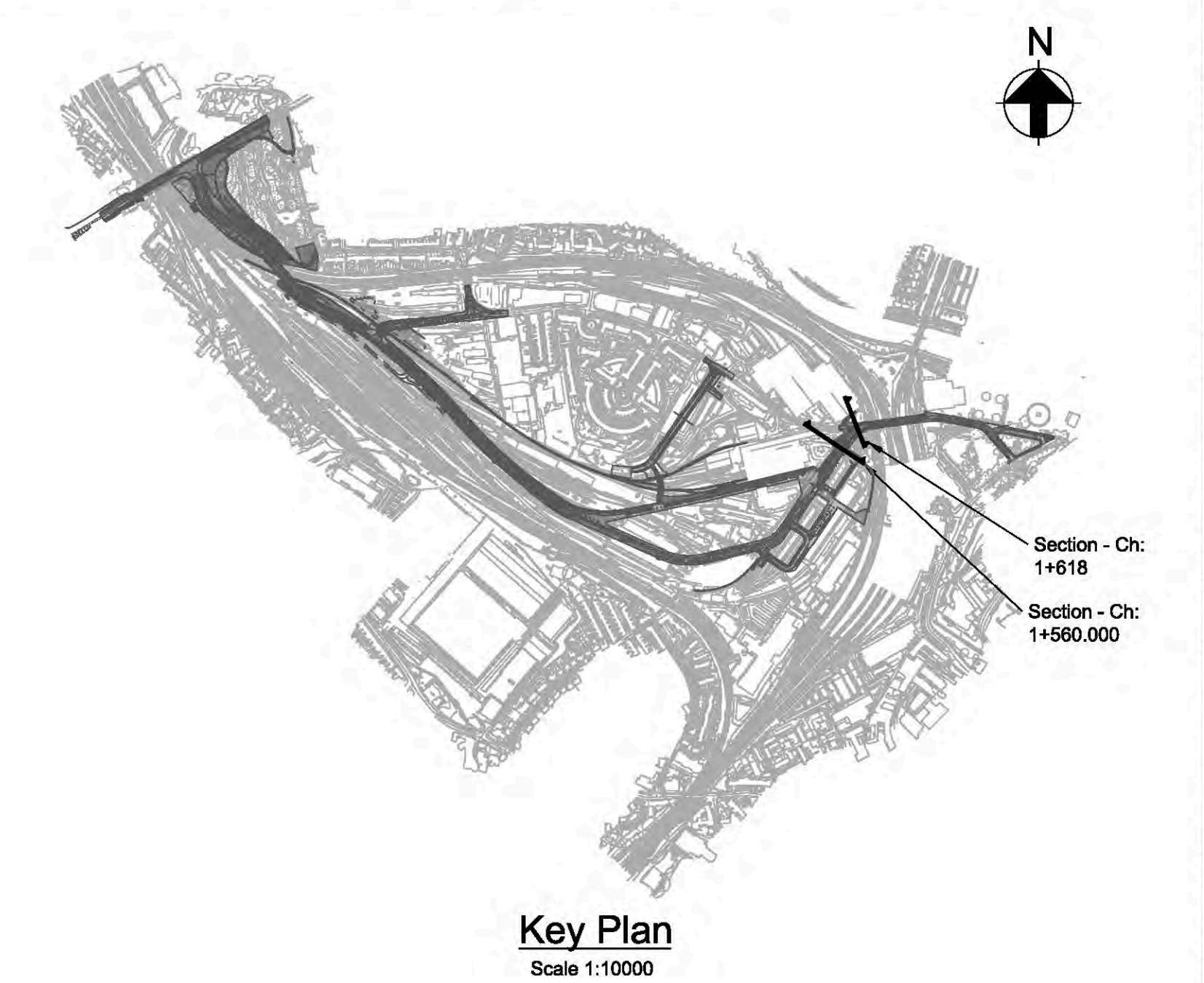




**Section - Ch: 1+560.000**  
Scale 1:200



**Section - Ch: 1+618.000**  
Scale 1:200



**Key Plan**  
Scale 1:10000

Rev	Date	Description	By	Chkd	Appd	Auth
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
P01	31/03/20	RMA Submission	KN	GC	NB	---

**ARUP**  
Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

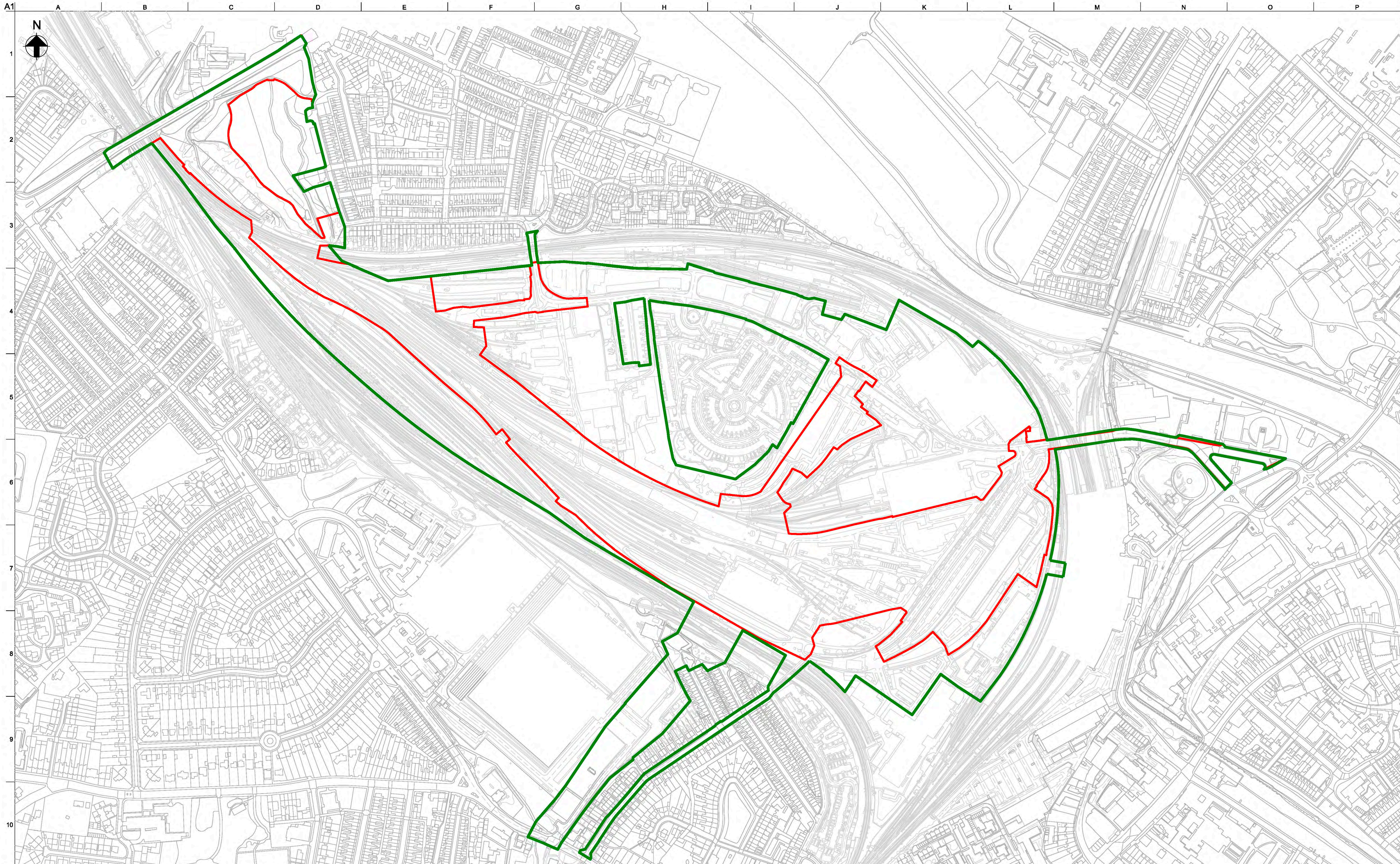
Client  
**CYC, Homes England and Network Rail**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure Typical Sections**  
Sheet 7 of 7

Scale at A1 <b>N/A</b>			Arup Job No <b>251869-00</b>		
Role <b>Civil - Highways</b>					
Subsidiary <b>S4 - Suitable for Stage Approval</b>					
Rev	By	Chkd	Appd	Auth	
<b>P01</b>	KN	GC	NB	---	---
	Date 31/03/20	Date 31/03/20	Date 31/03/20	Date ---	Date ---
Name <b>YCL - ARP - RM1 - XX - DR - CH - 0127</b>					
Project	Originator	Volume	Location	Type	Number





A1  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10



p:\p\w-arup.com\pw\_arup\_uk\_2\Documents\York Central\01 Arup\GX - Geo & Land Surveyor - General\DR - Drawing\YCL-ARP-RM1-XX-DR-GX-1002

**Key:**  
— Reserved Matters Planning Application Boundary  
— Outline Planning Application Boundary

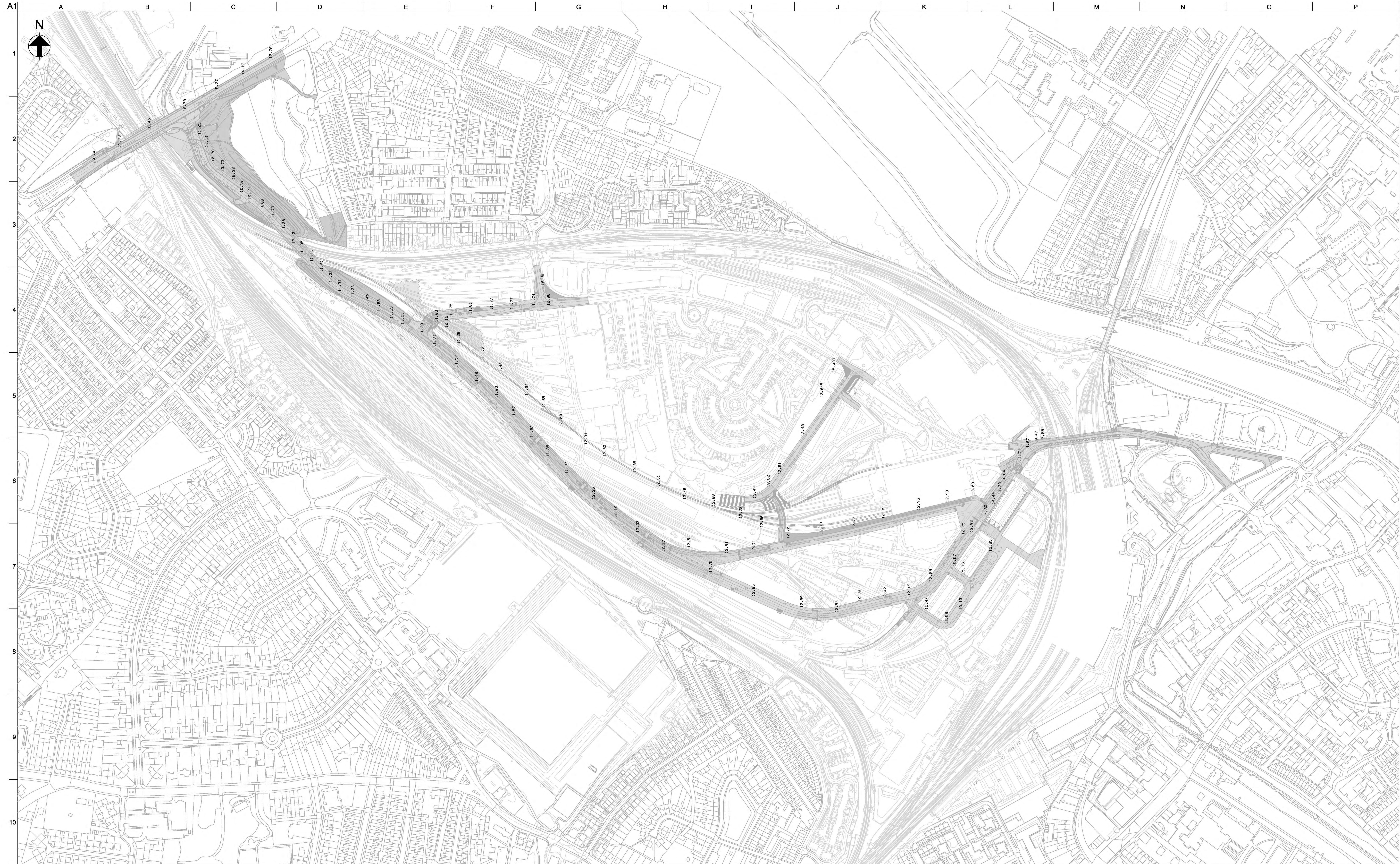
Rev	Date	Description	By	Chkd	Appd	Auth
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
P01	22/03/20	RMA Submission	MH	GC	NB	—
P02	24/03/20	RMA Submission	KN	GC	NB	—
P03	31/03/20	RMA Submission	KN	GC	NB	—

**ARUP**  
 Admiral House Rose Wharf 78 East Street  
 Leeds, LS9 8EE  
 Tel +44 113 242 8498 Fax +44 113 242 8573  
 www.arup.com  
 Client  
 CYC, Homes England and  
 Network Rail

Project Title  
 York Central  
 Drawing Title  
 Phase 1 Infrastructure RMA  
 Outline Planning Permission and

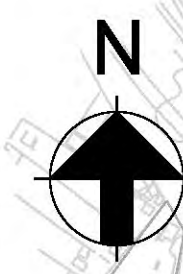
Scale at A1	1:2500	App Job No	251869-00			
Role	Geo & Land Surveyor - General					
Subsidiary	S4 - Suitable for Stage Approval					
Rev	By	Chkd	Appd	Auth		
<b>P03</b>	KN	GC	NB	—		
	Date	Date	Date	Date		
	30/03/20	30/03/20	31/03/20	—		
Name	<b>YCL - ARP - RM1 - XX - DR - GX - 1002</b>					
Project	Originator	Volume	Location	Type	Role	Number





A1  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10

A B C D E F G H I J K L M N O P



p:\proj-arup.com\pw\_arup\_uk\_2\Documents\York Central\01 Anup\CX - Geo & Land Surveyor - General\DR - Drawing\YCL-ARP-RM1-XX-DR-GX-1006

Do not scale

--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
--	--	--	--	--	--	
P01	06/04/20	RMA Submission	KN	GC	NB	
Rev	Date	Description	By	Chkd	Appd	Auth

**ARUP**

Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

Client

CYC, Homes England and Network Rail

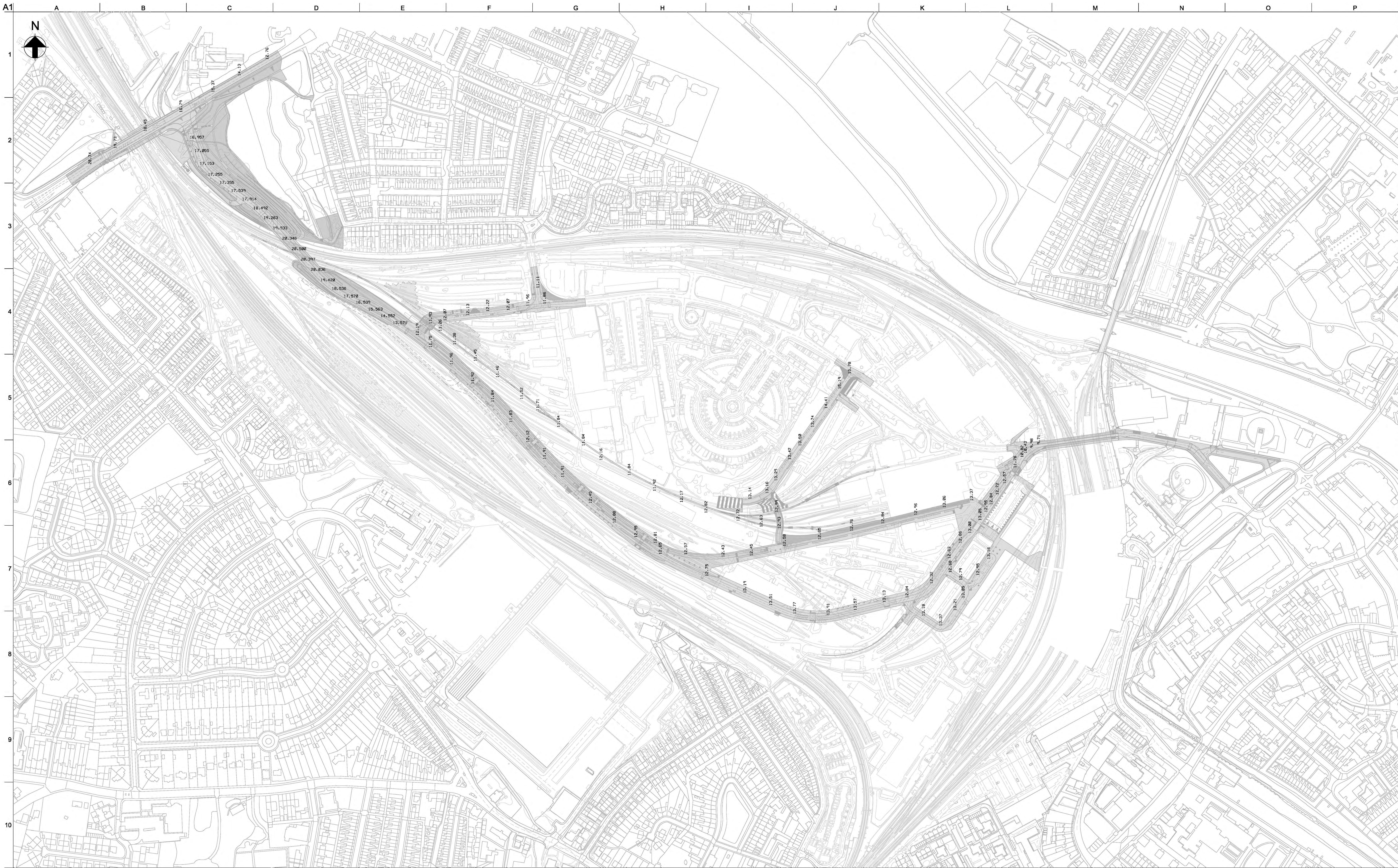
Project Title  
York Central

Drawing Title  
Phase 1 Infrastructure  
Existing Levels

Scale at A1	N/A		Anup Job No	251869-00		
Role	Geo & Land Surveyor - General					
Suitability	S4 - Suitable for Stage Approval					
Rev	By	Chkd	Appd	Auth		
<b>P01</b>	KN	GC	NB	--		
	Date	Date	Date	Date		
	06/04/20	06/04/20	06/04/20	--		
Name	YCL - ARP - RM1 - XX - DR - GX - 1006					
Project	Originator	Volume	Location	Type	Role	Number

© Arup





Do not scale

pw\p-arup.com;PW\_ARUP\_UK\_2\Documents\York Central\01 Aup\CX - Geo & Land Surveyor - General\DR - Drawing\YCL-ARP-RM1-XX-DR-GX-1007

--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
P01	31/03/20	--	MH	GC	NB	--	--
Rev	Date	Description	By	Chkd	Appd	Auth	

**ARUP**  
Admiral House Rose Wharf 78 East Street  
Leeds, LS9 8EE  
Tel +44 113 242 8498 Fax +44 113 242 8573  
www.arup.com

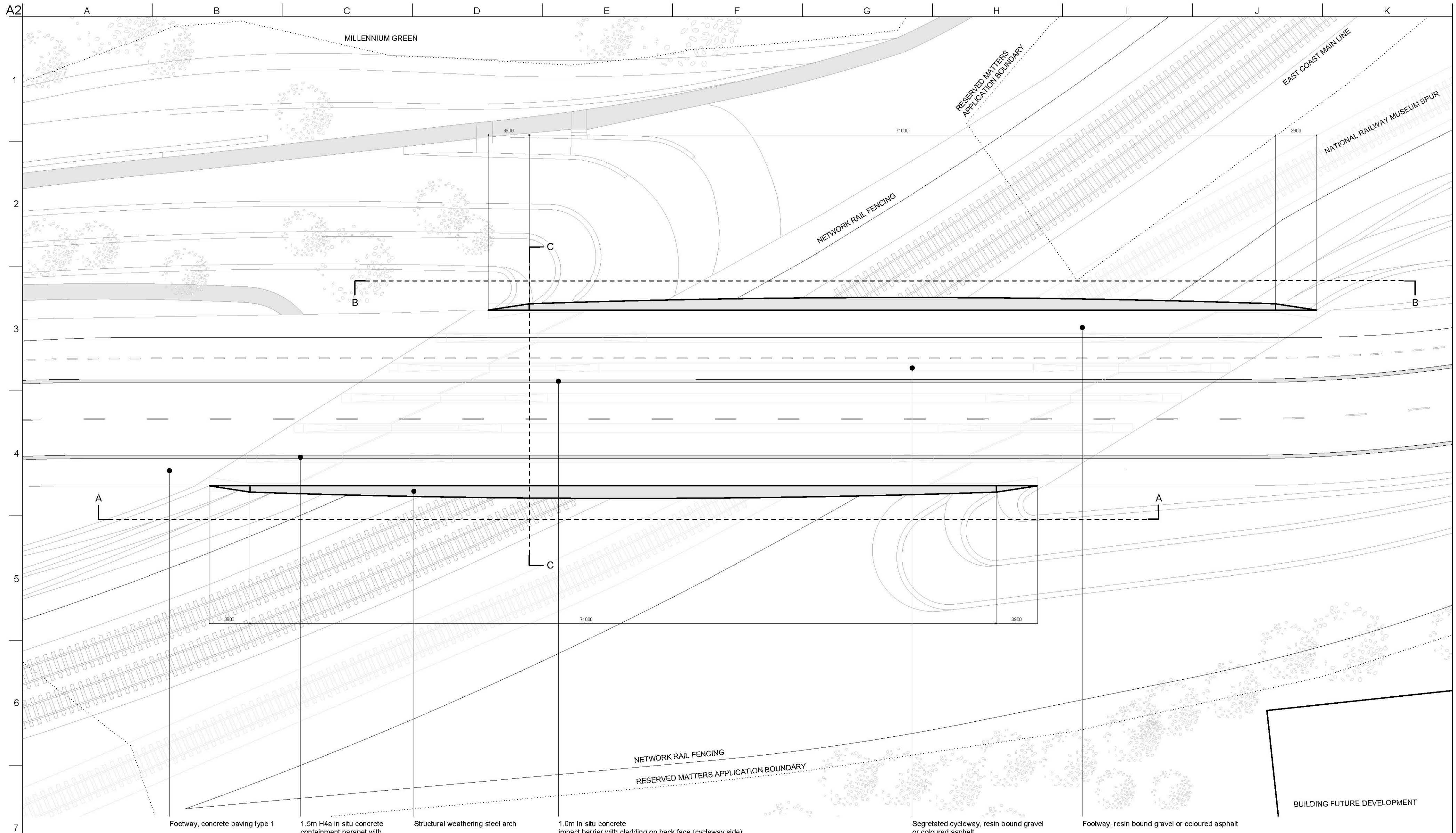
Client  
**CYC, Homes England and  
Network Rail**

Project Title  
**York Central**

Drawing Title  
**Phase 1 Infrastructure  
RMA Submission  
Proposed Levels**

Scale at A1	1:2500	Anup Job No	251869-00			
Role	Geo & Land Surveyor - General					
Suitability	S4 - Suitable for Stage Approval					
Rev	By	Chkd	Appd	Auth		
<b>P01</b>	MH	GC	NB	--		
	Date	Date	Date	Date		
	25/03/20	30/03/20	31/03/20	--		
Name	<b>YCL - ARP - RM1 - XX - DR - GX - 1007</b>					
Project	Originator	Volume	Location	Type	Role	Number





Bridge Plan  
Scale 1:250

Notes:  
All dimension in millimeters

Rev	Date	Description	By	Crkd	Appd	Auth
P02	06/04/2020	RMA Submission incl. client comments	EL	HB	MK	
P01	25/03/2020	RMA Submission	EL	HB	MK	



Thame House, 9 Castle Street  
High Wycombe, Bucks HP13 6RZ  
Tel 01494 925 500  
www.knightarchitects.co.uk

Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Phase 1 Infrastructure RMA

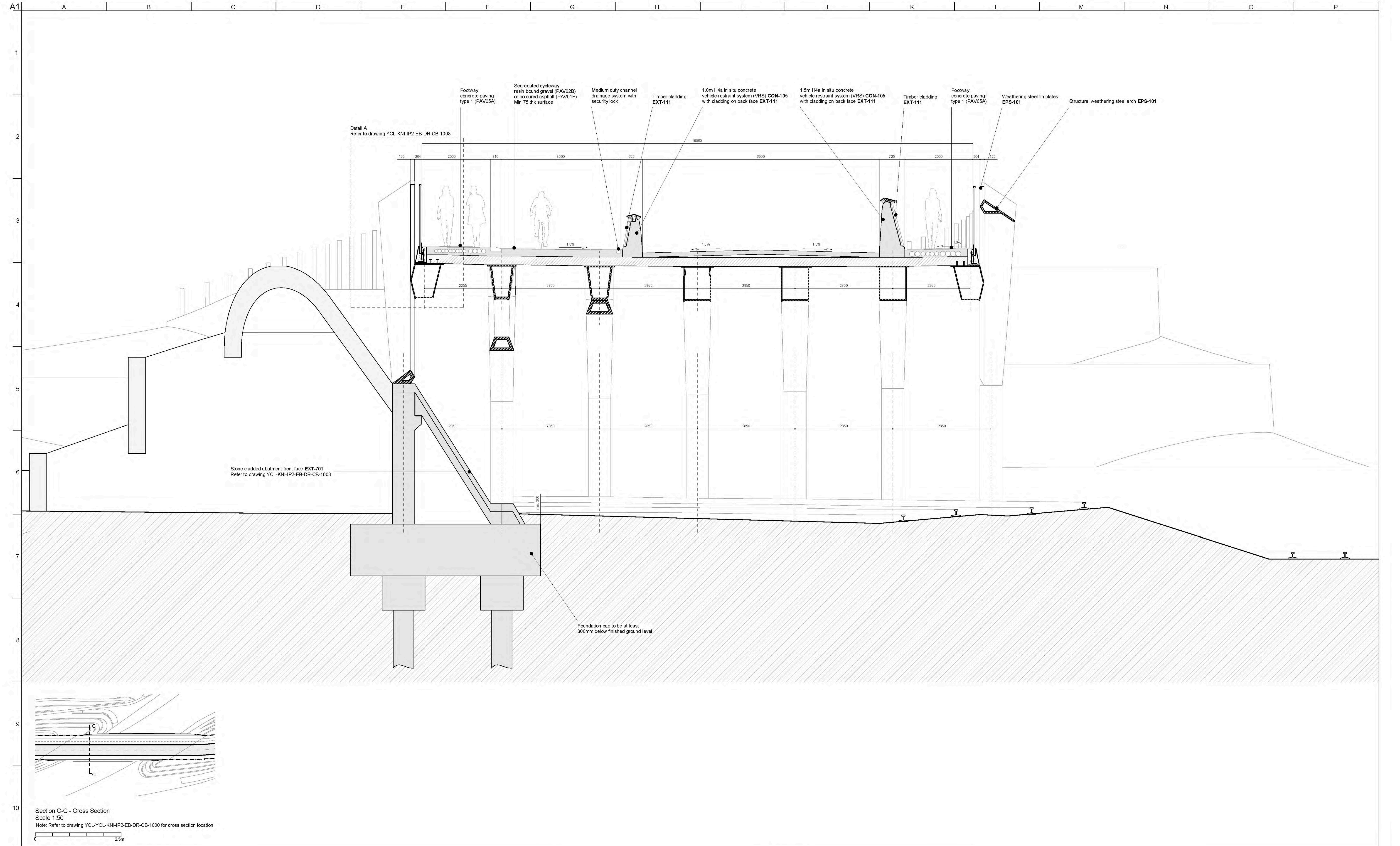
Drawing Title  
East Coast Mainline Bridge  
Bridge Plan

Scale at A2	As Shown	Knight Architects Job No	134			
Role	Bridge Architecture					
Suitability	S4 - Suitable for Stage Approval					
Rev	By	Crkd	Appd	Auth		
P02	EL	HB	MK	-		
	Date	Date	Date	Date		
	06/04/2020	06/04/2020	06/04/2020	-		
Name	YCL - KNI - RM1 - SP - DR - CB - 1000					
Project	Originator	Volume	Location	Type	Role	Number

Do not scale

© Knight Architects





- Notes:
- AM-101 Bespoke Access Plate
  - AM-105 Bespoke Stainless Steel Containment Coping
  - CON-101 Cast In-situ Concrete Finish - Ribbed
  - CON-105 Cast In-situ Concrete Finish - Plain
  - DRS-901 Hydraulic Access Door
  - EPS-101 Corten/Weathering Steel Structure - Architectural Requirements
  - EXT-111 Modified Timber Inclined Cladding
  - EXT-401 Open Rail Mid Steel Parapet
  - EXT-421 Pedestrian Parapet
  - EXT-701 Natural Stone Set Fin Wall Cladding

Rev	Date	Description	By	Chkd	Appd	Auth
P02	13/08/2020	Issue for costing	EL	HB	MK	
P01	25/08/2020	Issue for costing	EL	HB	MK	

**KA**

Thame House, 9 Castle Street  
High Wycombe, Bucks HP13 6RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

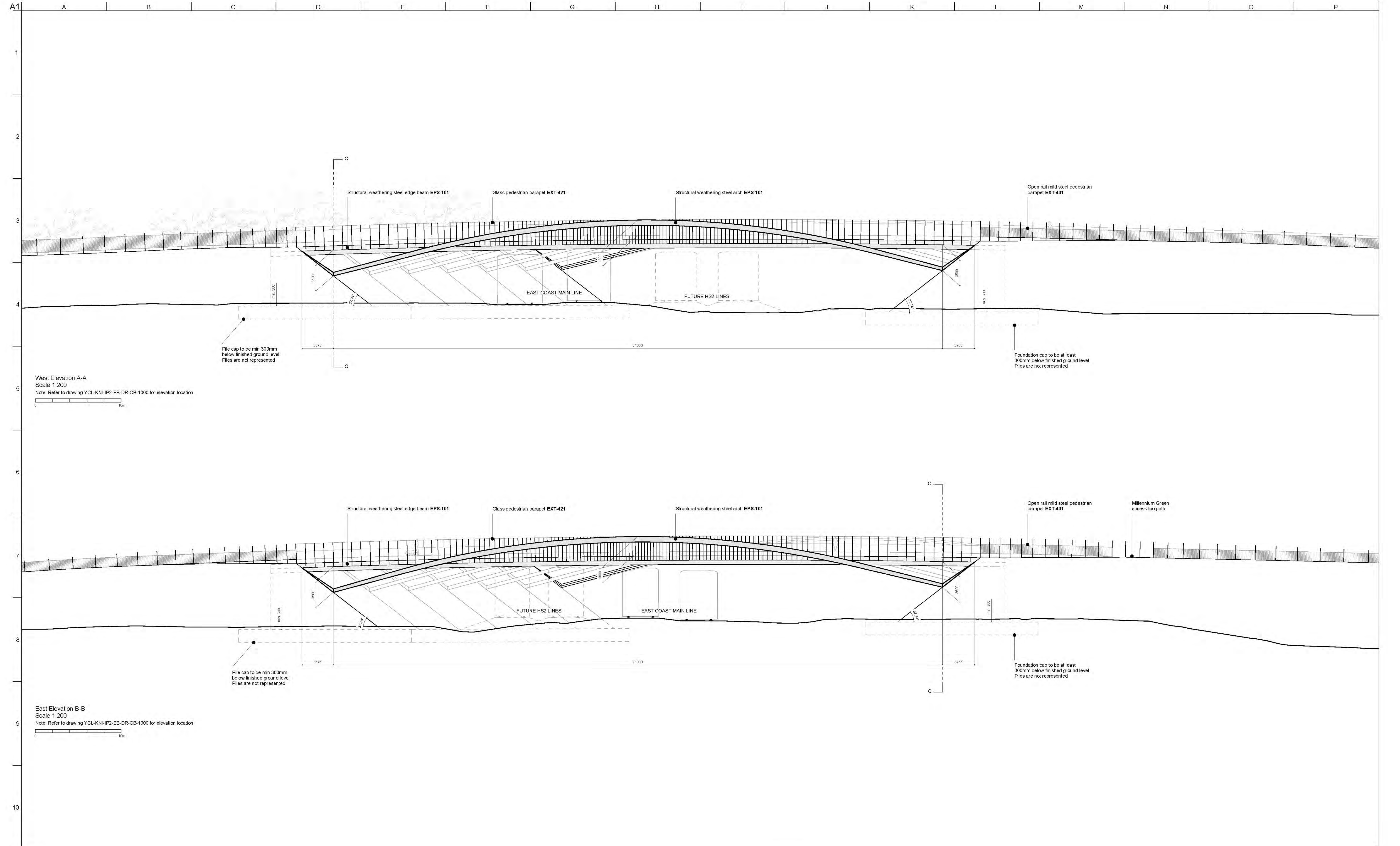
Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Infrastructure Package 2

Drawing Title  
East Coast Main Line Bridge  
Bridge Cross Section

Scale at A1	As Shown	App Job No	251869-00
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P02	EL	HB	MK
Date	Date	Date	Date
13/08/2020	13/08/2020	13/08/2020	
Name	YCL - KNI - IP2 - EB - DR - CB - 1001		
Project	Originator	Volume	Location
	Type	Role	Number





West Elevation A-A  
Scale 1:200  
Note: Refer to drawing YCL-KNI-IP2-EB-DR-CB-1000 for elevation location

East Elevation B-B  
Scale 1:200  
Note: Refer to drawing YCL-KNI-IP2-EB-DR-CB-1000 for elevation location

- Notes:
- AM-101 Bespoke Access Plate
  - AM-105 Bespoke Stainless Steel Containment Capping
  - CON-101 Cast In-situ Concrete Finish - Ribbed
  - CON-105 Cast In-situ Concrete Finish - Plain
  - DRS-901 Hydraulic Access Door
  - EPS-101 Corten/Weathering Steel Structure - Architectural Requirements
  - EXT-111 Modified Timber Inclined Cladding
  - EXT-401 Open Rail Mild Steel Parapet
  - EXT-421 Pedestrian Parapet
  - EXT-701 Natural Stone-Self Fin Wall Cladding

Rev	Date	Description	By	Chkd	Appd	Auth
P02	13/08/2020	Issue for costing	EL	HB	MK	-
P01	25/08/2020	Issue for costing	EL	HB	MK	-



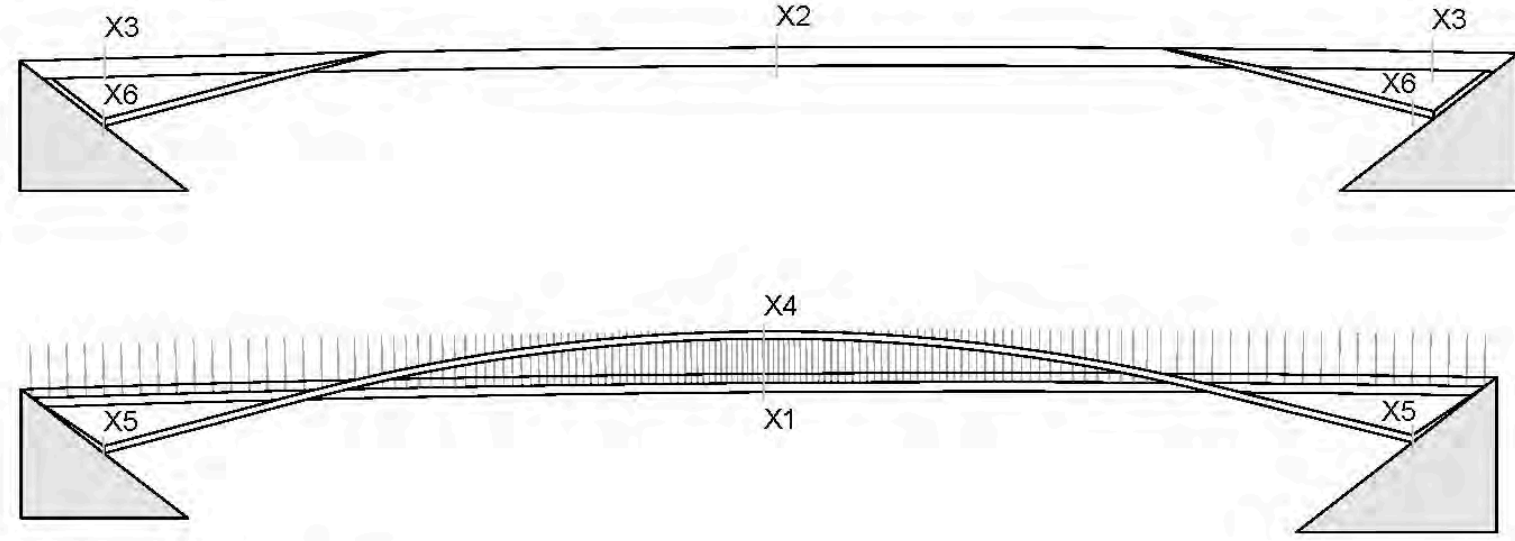
Client  
CYC / Homes England / Network Rail

Project Title  
**York Central, Infrastructure Package 2**

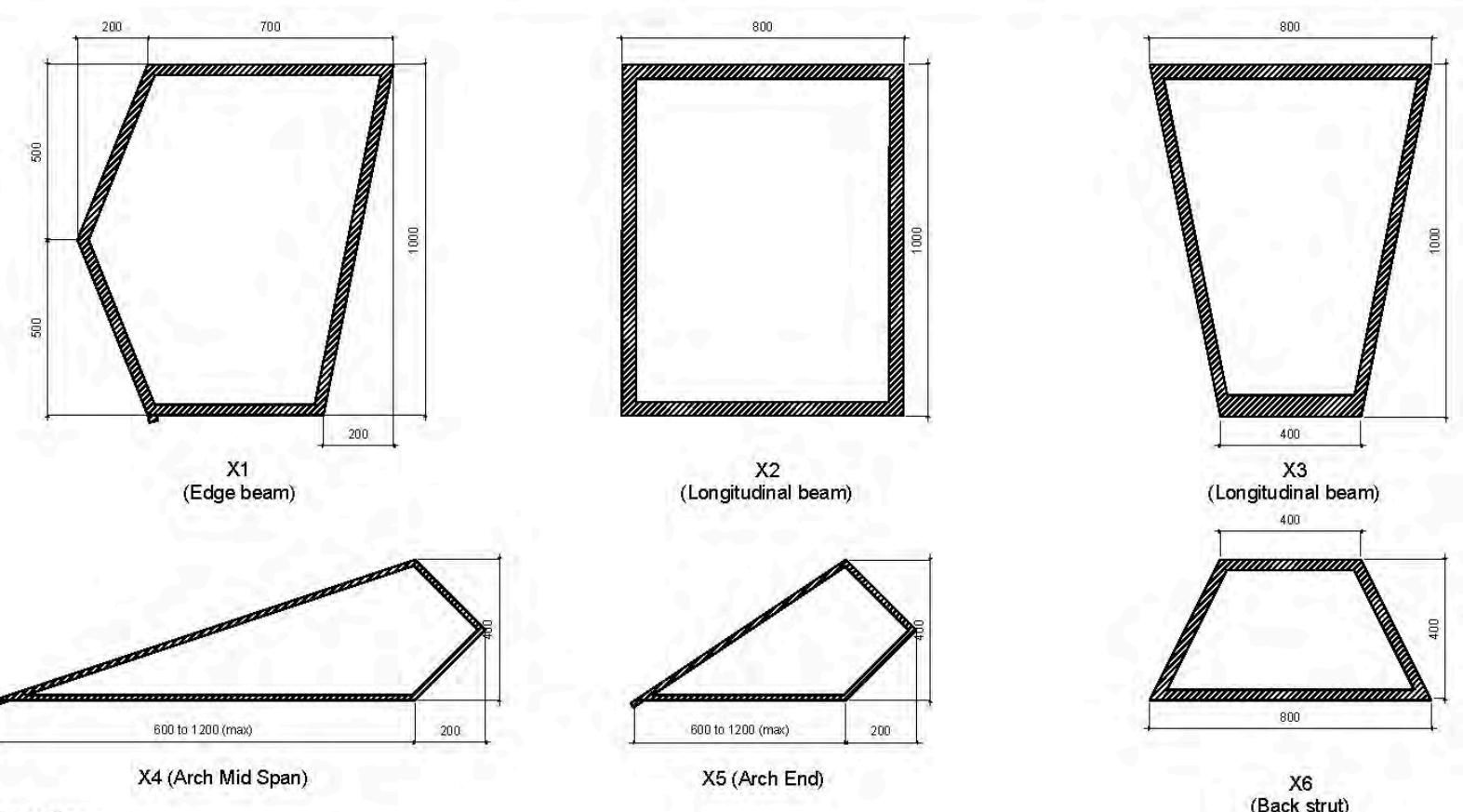
Drawing Title  
**East Coast Main Line Bridge  
Bridge Elevations**

Scale at A1 As Shown		Ansp Job No 251869-00	
Role Bridge Architecture			
Suitability S4 - Suitable for Stage Approval			
Rev	By	Chkd	Appd
P02	EL	HB	MK
Date	Date	Date	Date
13/08/2020	13/08/2020	13/08/2020	-
Name YCL - KNI - IP2 - EB - DR - CB - 1002			
Project	Originator	Volume	Location
			Type
			Role
			Number

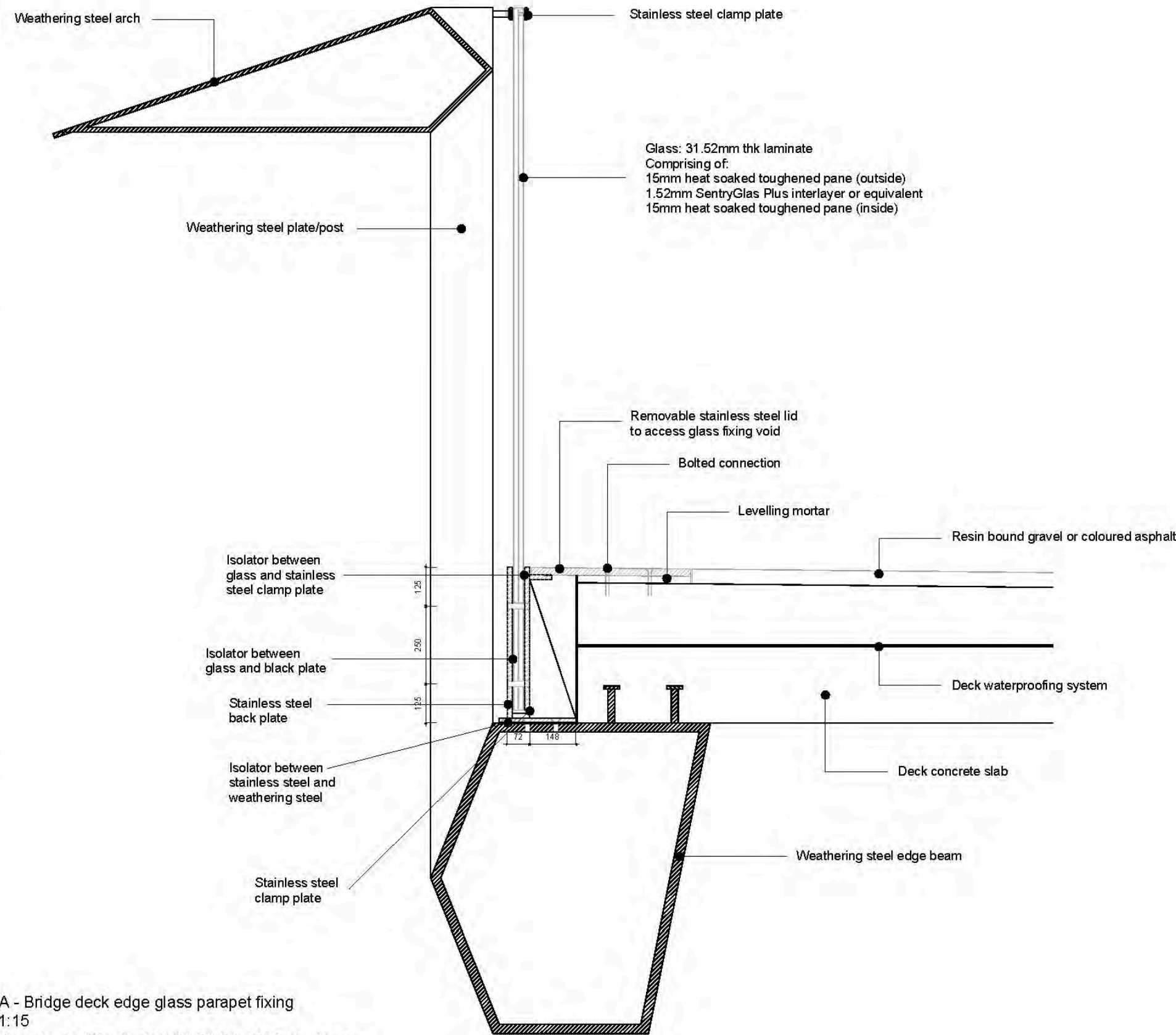




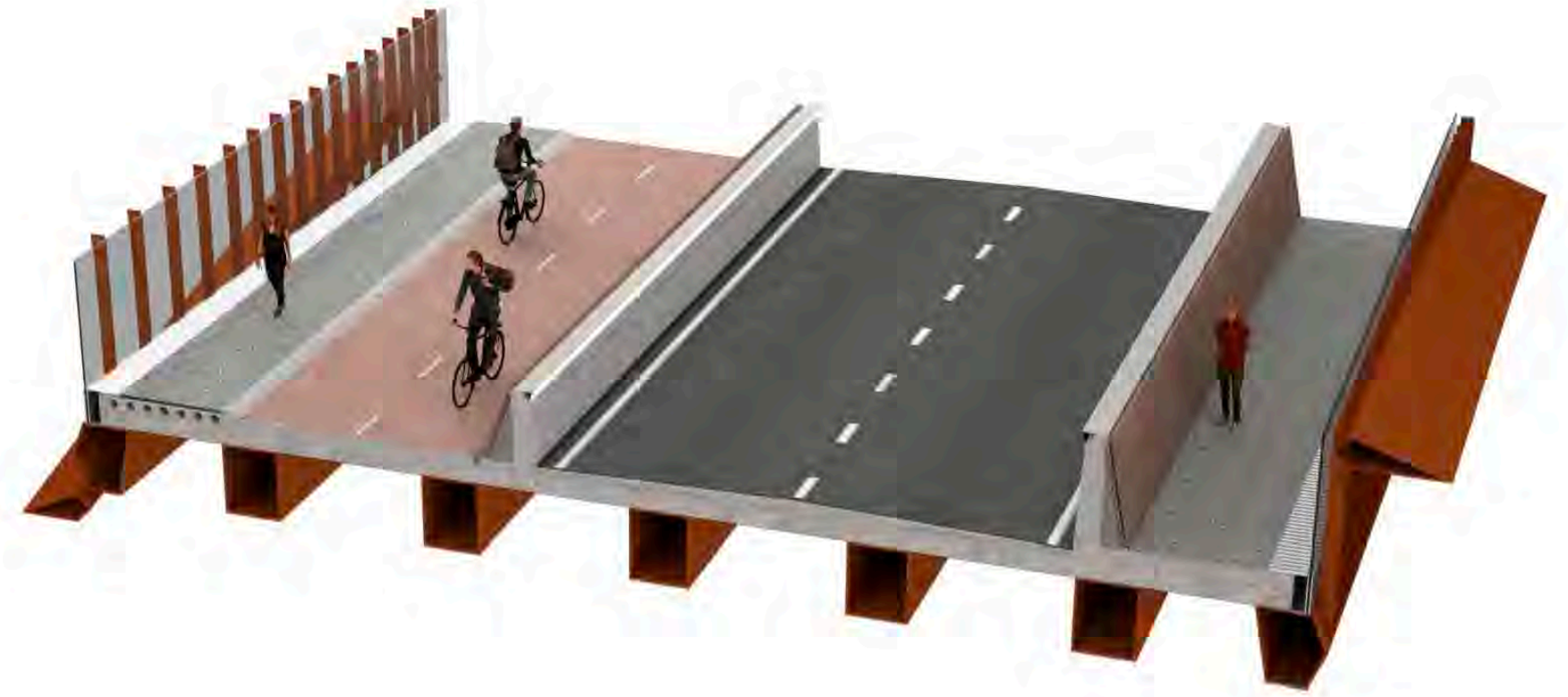
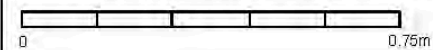
Intermediate frame and beam elevation (top)  
Edge arch and edge beam elevation (bottom)



Steel profiles  
Scale 1:20



Detail A - Bridge deck edge glass parapet fixing  
Scale 1:15  
Note: Refer to drawing YCL-KNI-RM1-SP-DR-CB-1001 for detail location



Visualisation | Typical deck arrangement

Notes:  
All dimension in millimeters

Rev	Date	Description	By	Chkd	Appd	Auth
P02	31/03/2020	RMA Submission incl. client comments	EL	HB	MK	
P01	25/03/2020	RMA Submission	EL	HB	MK	



Thame House, 9 Castle Street  
High Wycombe, Bucks HP13 6RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Phase 1 Infrastructure RMA

Drawing Title  
East Coast Mainline Bridge  
Bridge Details

Scale at A2	As Shown	Knight Architects Job No	134			
Role	Bridge Architecture					
Suitability	S4 - Suitable for Stage Approval					
Rev	By	Chkd	Appd	Auth		
P02	EL	HB	MK	-		
Date	Date	Date	Date	Date		
06/04/2020	06/04/2020	06/04/2020				
Name	YCL - KNI - RM1 - SP - DR - CB - 1003					
Project	Originator	Volume	Location	Type	Role	Number



1

2

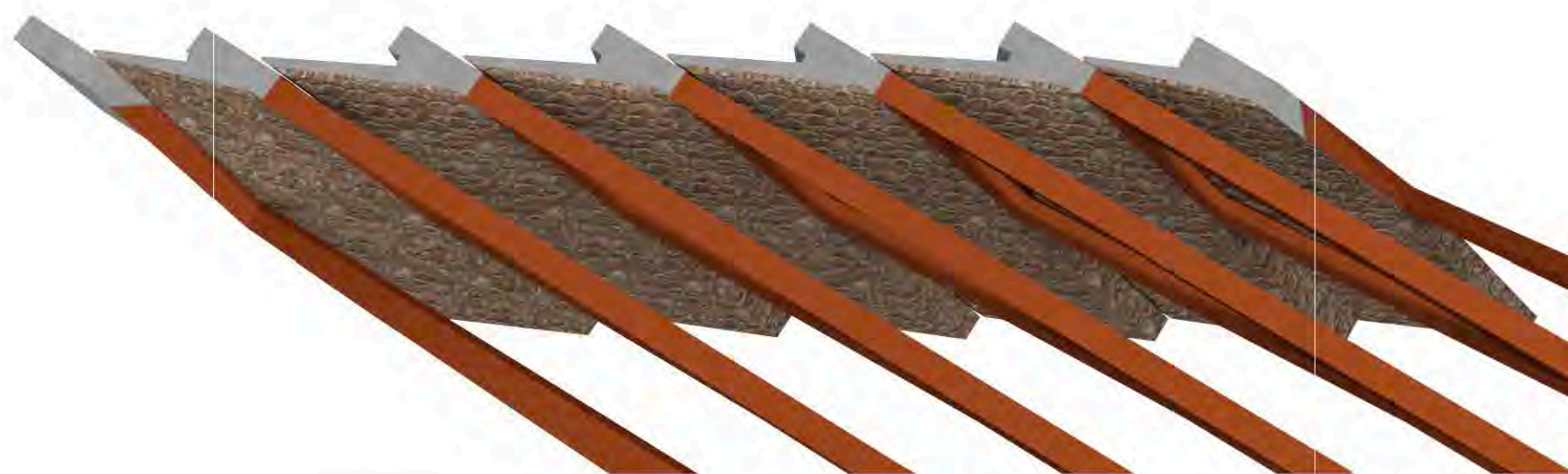
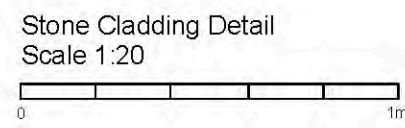
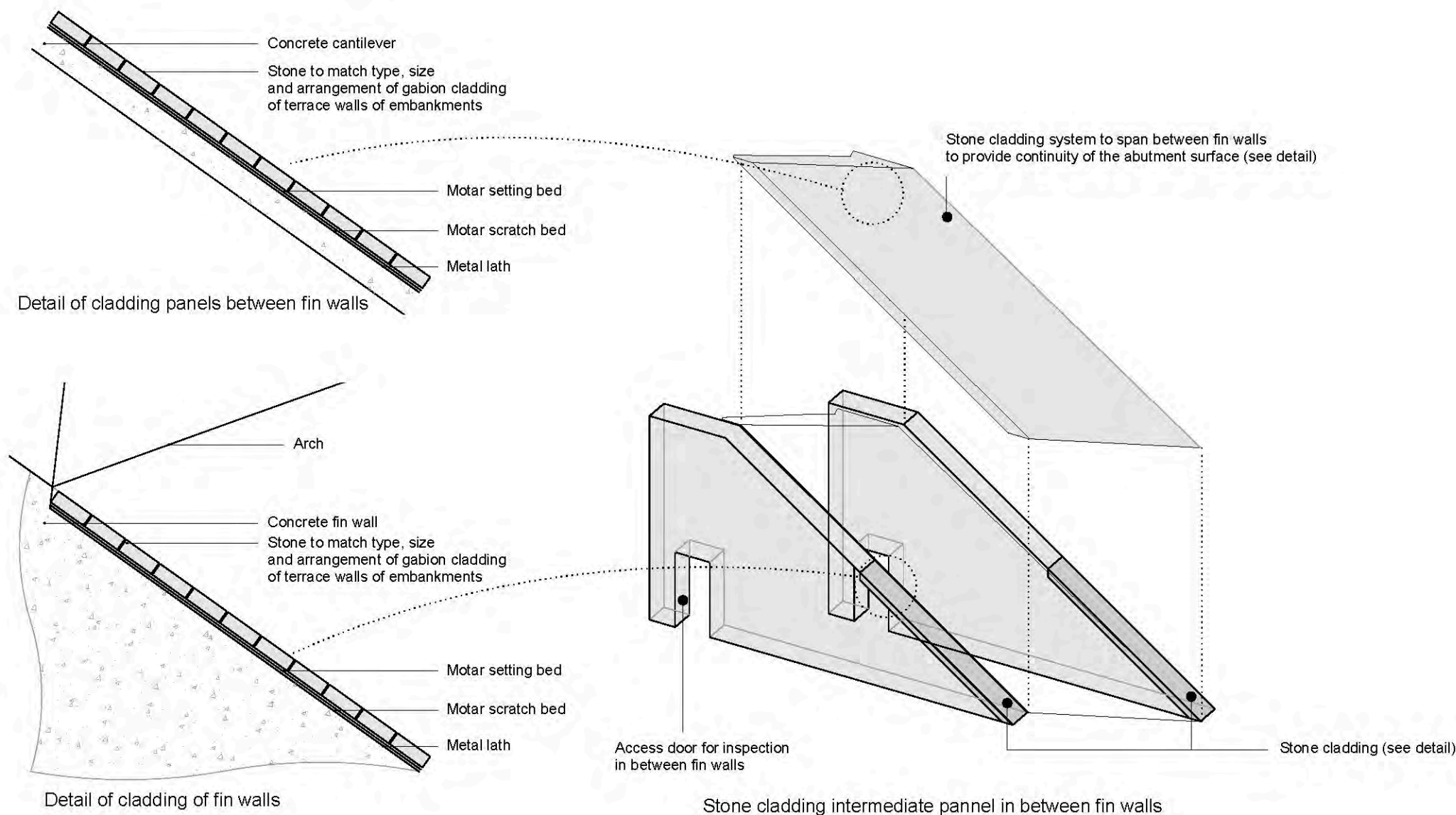
3

4

5

6

7



Visualisation | Steelwork and cladded surfaces of abutments

Notes:  
All dimension in millimeters

Rev	Date	Description	By	Crkd	Appd	Auth
P02	06/04/2020	RMA Submission incl. client comments	EL	HB	MK	-
P01	25/03/2020	RMA Submission	EL	HB	MK	-



Thame House, 9 Castle Street  
High Wycombe, Bucks HP13 6RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

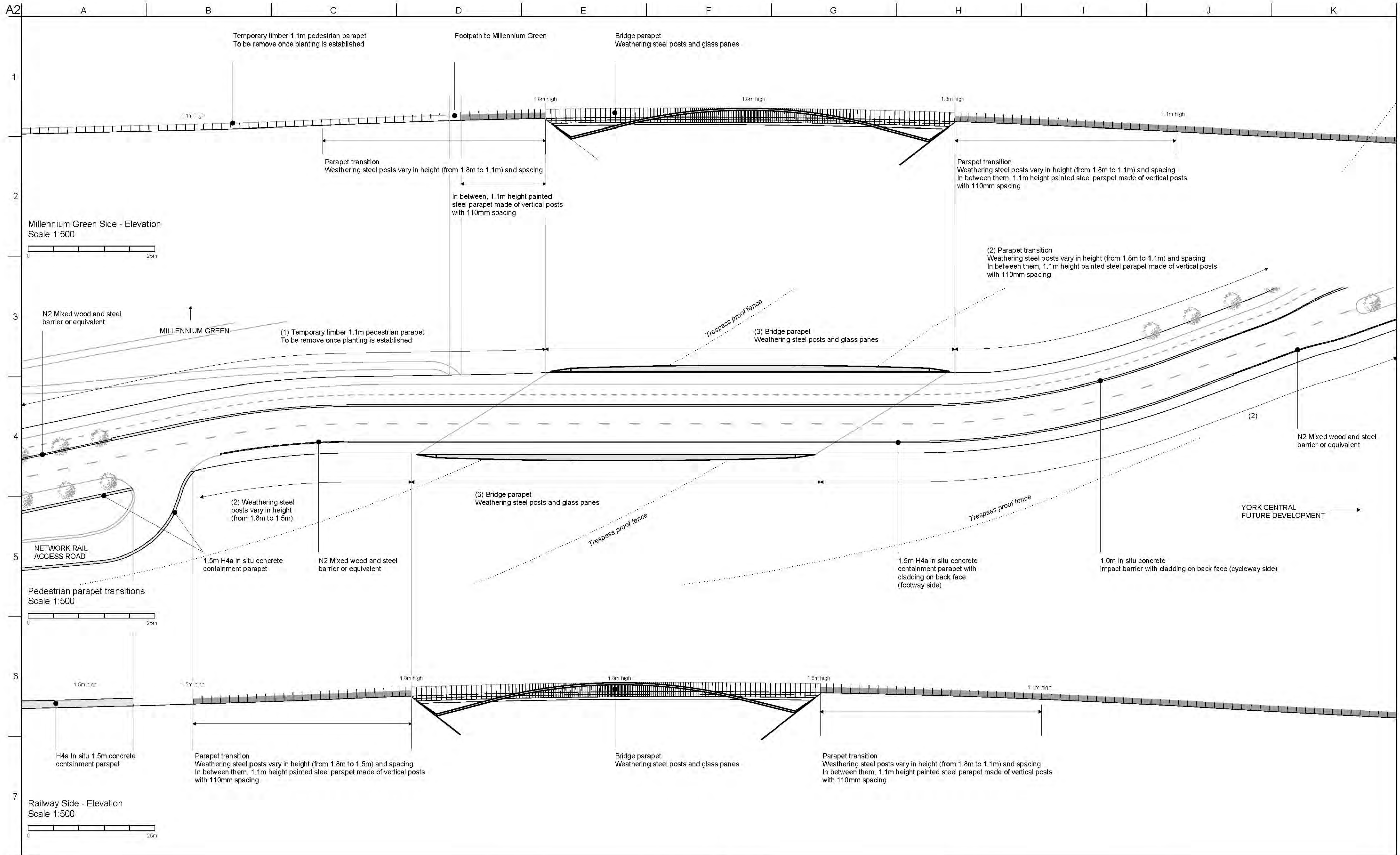
Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Phase 1 Infrastructure RMA

Drawing Title  
East Coast Mainline Bridge  
Bridge Abutments

Scale at A2	As Shown	Knight Architects Job No	134			
Role	Bridge Architecture					
Suitability	S4 - Suitable for Stage Approval					
Rev	By	Crkd	Appd	Auth		
P02	EL	HB	MK	-		
	Date	Date	Date	Date		
	06/04/2020	06/04/2020	06/04/2020	-		
Name	YCL - KNI - RM1 - SP - DR - CB - 1004					
Project	Originator	Volume	Location	Type	Role	Number





Millennium Green Side - Elevation  
Scale 1:500

Pedestrian parapet transitions  
Scale 1:500

Railway Side - Elevation  
Scale 1:500

Notes:  
All dimension in millimeters

Rev	Date	Description	By	Chkd	Appd	Auth
P03	06/04/2020	RMA Submission incl. client comments	EL	HB	MK	-
P02	31/03/2020	RMA Submission incl. client comments	EL	HB	MK	-
P01	25/03/2020	RMA Submission	EL	HB	MK	-



Thame House, 9 Castle Street,  
High Wycombe, Bucks HP13 6RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

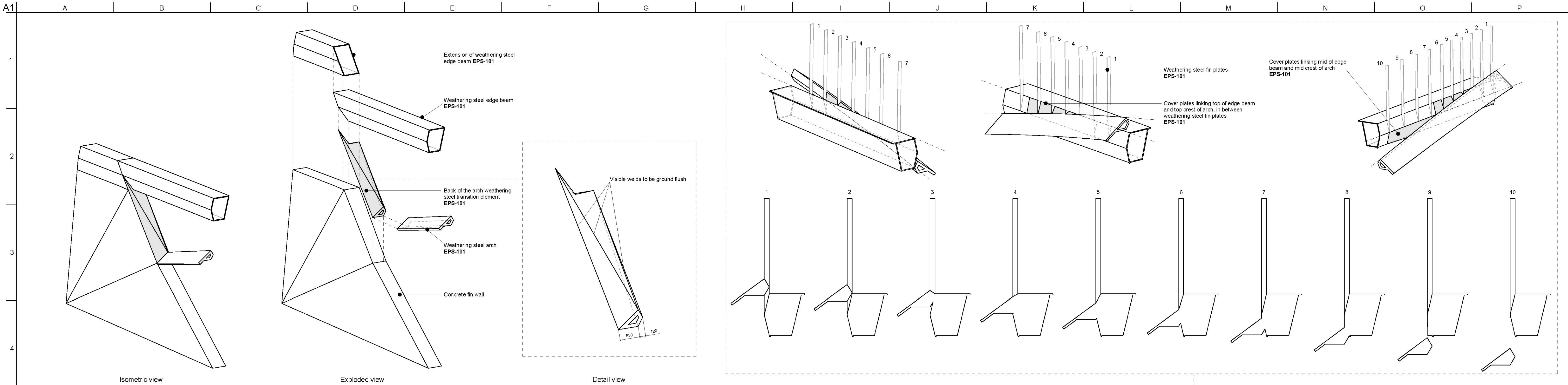
Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Phase 1 Infrastructure RMA

Drawing Title  
East Coast Mainline Bridge  
Bridge Pedestrian Parapets

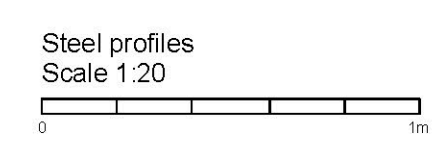
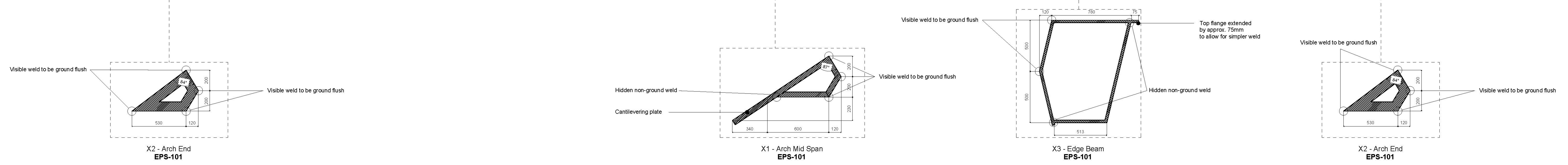
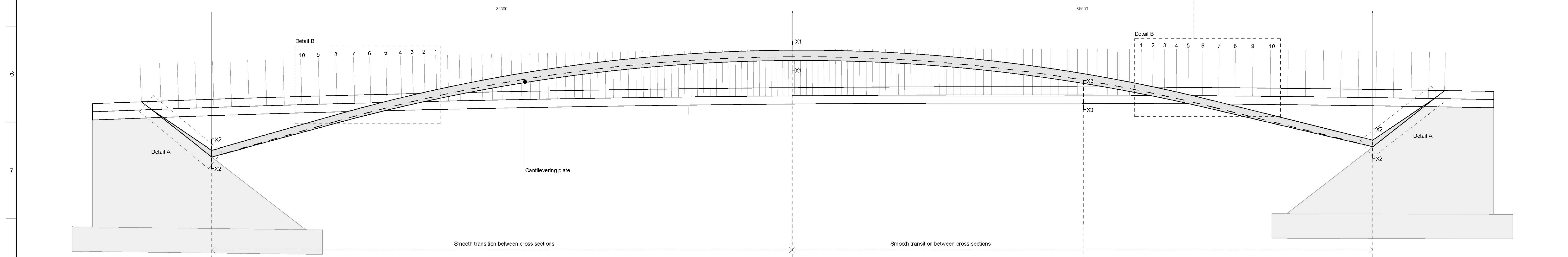
Scale at A2	As Shown	Knight Architects Job No	134
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P03	EL	HB	MK
Date	Date	Date	Date
06/04/2020	06/04/2020	06/04/2020	-
Name	YCL - KNI - RM1 - SP - DR - CB - 1005		
Project	Originator	Volume	Location
			Type
			Role
			Number





Detail A - End of Arch and Edge Beam Connection  
 Note: The above views are for geometrical purposes only and are not representative of the plate makeup.

Detail B - Arch and Edge Beam Connection  
 Note: The above views are for geometrical purposes only and are not representative of the plate makeup.



- Notes:
- AM-101 Bespoke Access Plate
  - AM-105 Bespoke Stainless Steel Containment Coping
  - CON-101 Cast In-situ Concrete Finish - Ribbed
  - CON-105 Cast In-situ Concrete Finish - Plain
  - DRS-901 Hydraulic Access Door
  - EPS-101 Corten/Weathering Steel Structure - Architectural Requirements
  - EXT-111 Modified Timber Inclined Cladding
  - EXT-401 Open Rail Mid Steel Parapet
  - EXT-421 Pedestrian Parapet
  - EXT-701 Natural Stone Set Fin Wall Cladding
- All structural steelwork to be weathering steel EPS-101

Rev	Date	Description	By	Chkd	Appd	Auth
P02	13/08/2020	Issue for costing	EL	HB	MK	
P01	25/08/2020	Issue for costing	EL	HB	MK	

Thame House, 9 Castle Street  
 High Wycombe, Bucks HP13 6RZ  
 Tel 01494 525 500  
 www.knightarchitects.co.uk

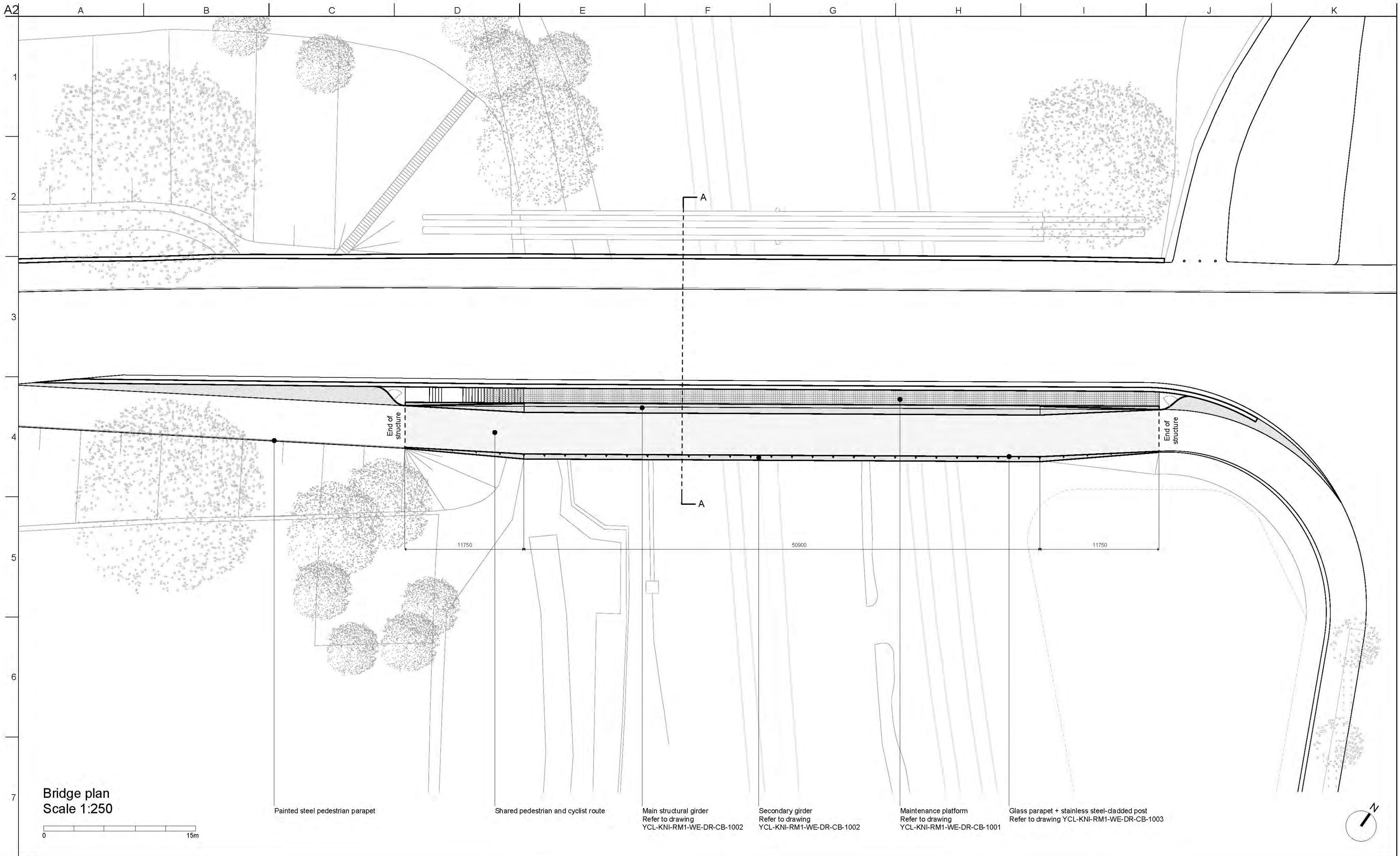
Client  
 CYC / Homes England / Network Rail

Project Title  
 York Central, Infrastructure Package 2

Drawing Title  
 East Coast Main Line Bridge  
 Steelwork Detail - Arch

Scale at A1	As Shown	App Job No	251869-00
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P02	EL	HB	MK
Date	Date	Date	Date
13/08/2020	13/08/2020	13/08/2020	
Name	YCL - KNI - IP2 - EB - DR - CB - 1005		
Project	Originator	Volume	Location
	Type	Role	Number





Bridge plan  
Scale 1:250



- Painted steel pedestrian parapet
- Shared pedestrian and cyclist route
- Main structural girder  
Refer to drawing YCL-KNI-RM1-WE-DR-CB-1002
- Secondary girder  
Refer to drawing YCL-KNI-RM1-WE-DR-CB-1002
- Maintenance platform  
Refer to drawing YCL-KNI-RM1-WE-DR-CB-1001
- Glass parapet + stainless steel-cladded post  
Refer to drawing YCL-KNI-RM1-WE-DR-CB-1003

Notes:  
All dimension in millimeters

Rev	Date	Description	By	Chkd	Appd	Auth
P01	25/03/2020	RMA Submission	DP	HB	MK	-



Thame House, 9 Castle Street  
High Wycombe, Bucks HP13 8RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

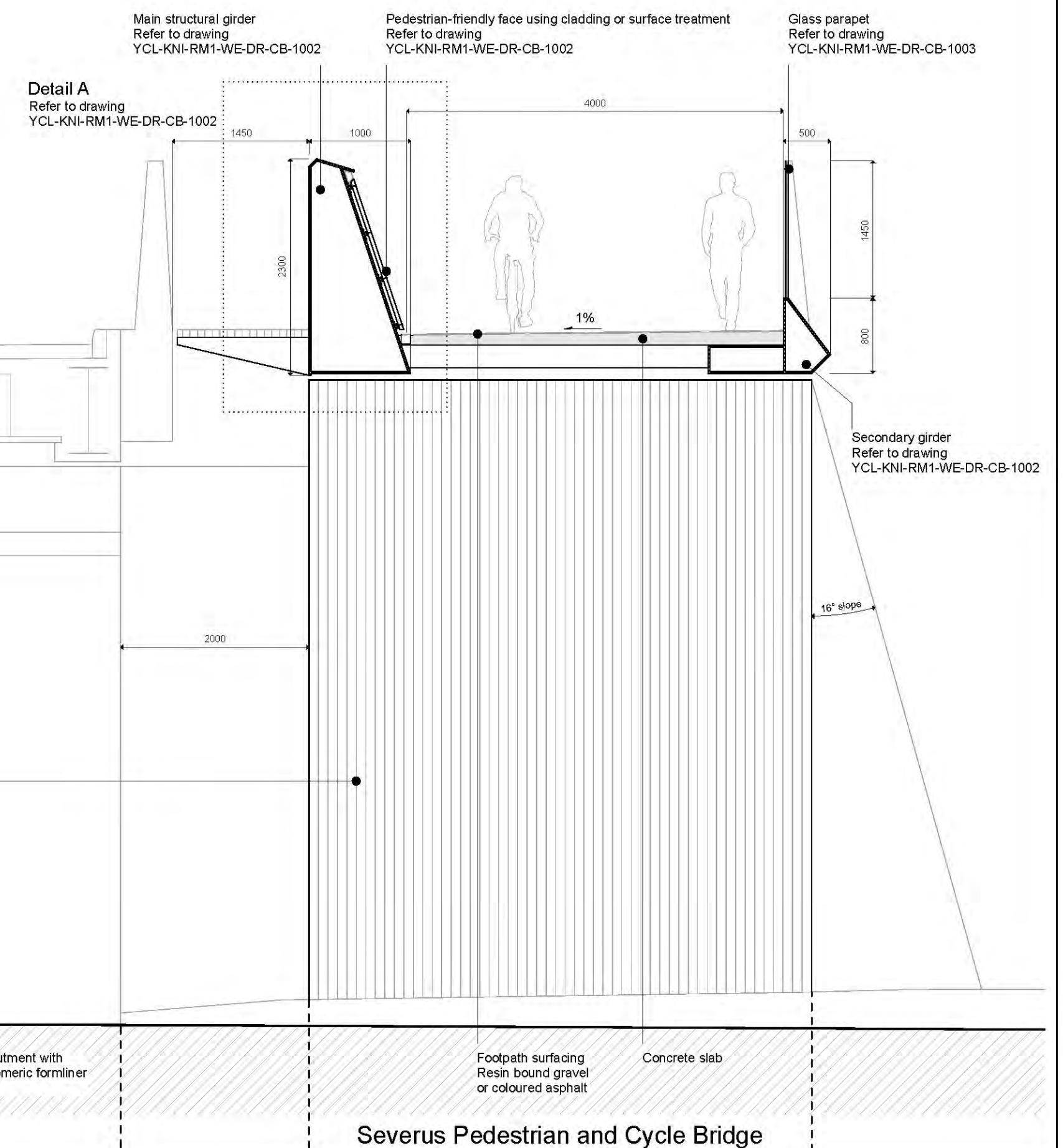
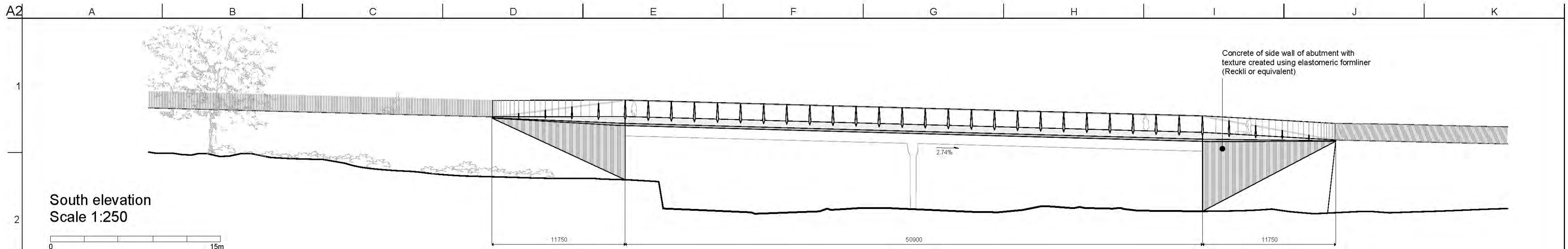
Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Phase 1 Infrastructure RMA

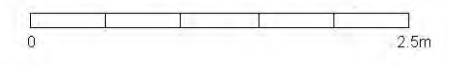
Drawing Title  
Severus Pedestrian and Cycle Bridge  
Bridge plan

Scale at A2	As Shown	Knight Architects Job No	134
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P01	DP	HB	MK
	Date	Date	Date
	25/03/2020	25/03/2020	25/03/2020
Name	YCL - KNI - RM1 - WE - DR - CB - 1000		
Project	Originator	Volume	Location
			Type
			Role
			Number





**Cross section A-A**  
**Scale 1:50**  
 Note: Refer to drawing YCL-KNI-RM1-WE-DR-CB-1000 for cross section location



Existing Severus Bridge

Severus Pedestrian and Cycle Bridge

Notes:  
 All dimension in millimeters

Rev	Date	Description	By	Chkd	Appd	Auth
P02	03/04/2020	RMA Submission incl. client comments	DP	HB	MK	-
P01	25/03/2020	RMA Submission	DP	HB	MK	-



Thame House, 9 Castle Street,  
 High Wycombe, Bucks HP13 8RZ  
 Tel 01494 525 500  
 www.knightarchitects.co.uk

Client  
 CYC / Homes England / Network Rail

Project Title  
 York Central, Phase 1 Infrastructure RMA

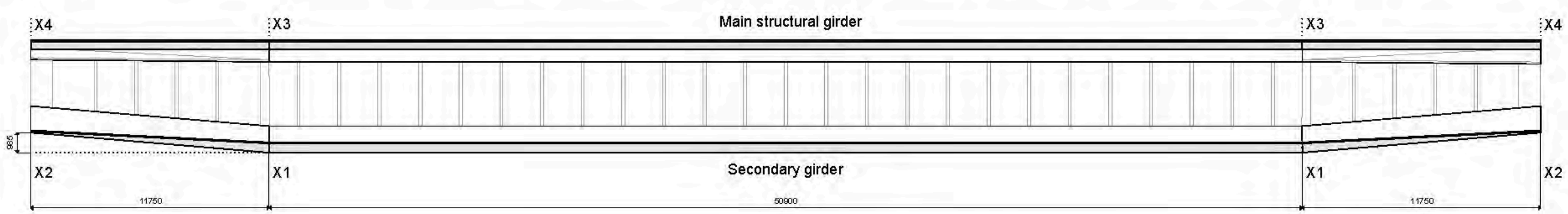
Drawing Title  
 Severus Pedestrian and Cycle Bridge  
 Cross section & Elevation

Scale at A2	As Shown	Knight Architects Job No	134
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P02	DP	HB	MK
	Date	Date	Date
	03/04/2020	03/04/2020	03/04/2020
Name	YCL - KNI - RM1 - WE - DR - CB - 1001		
Project	Originator	Volume	Location
			Type
			Role
			Number

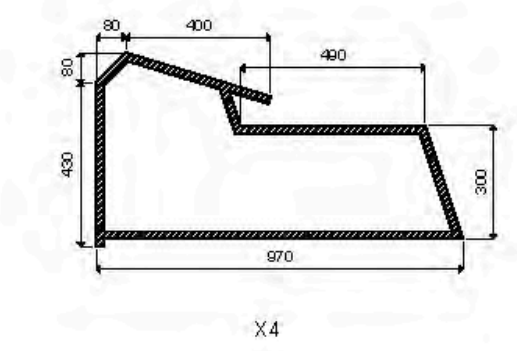
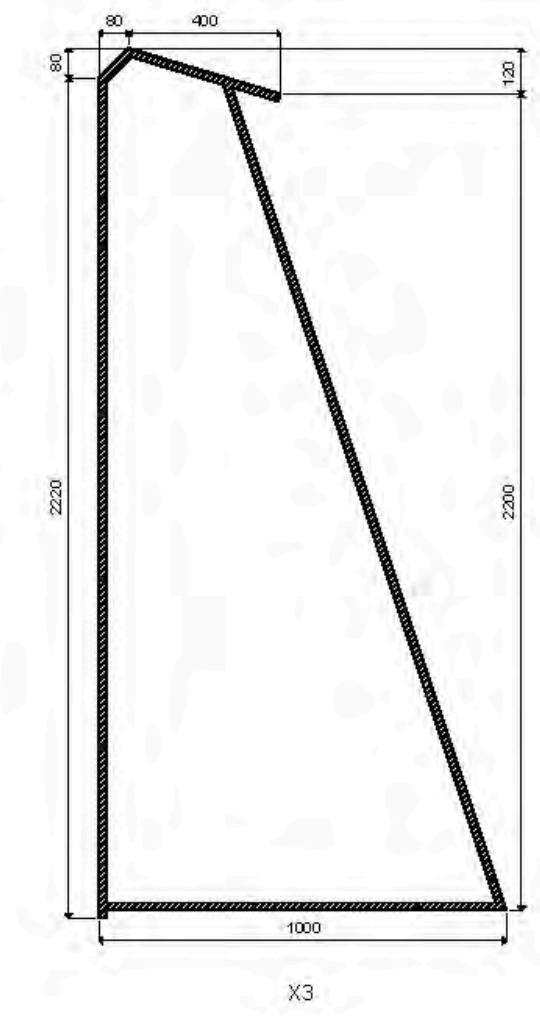
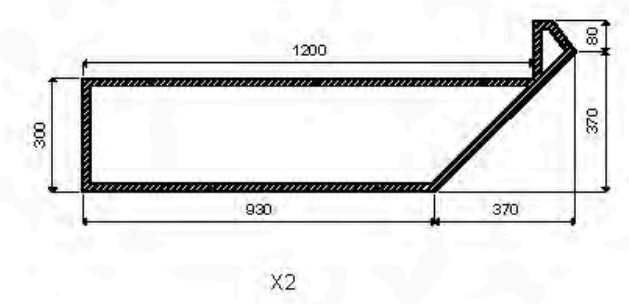
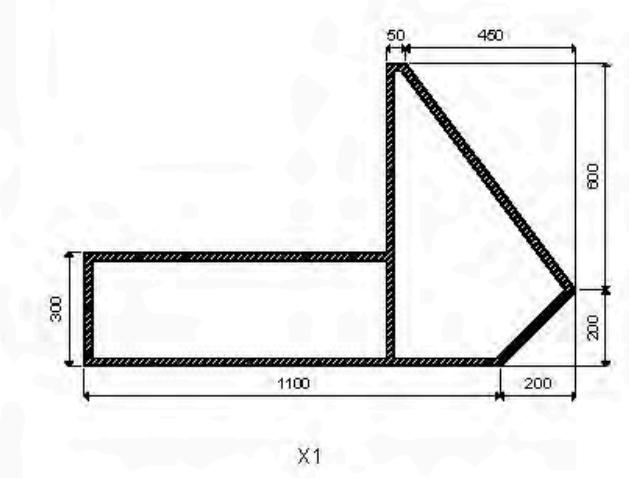
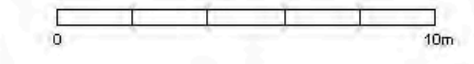
Do not scale

© Knight Architects

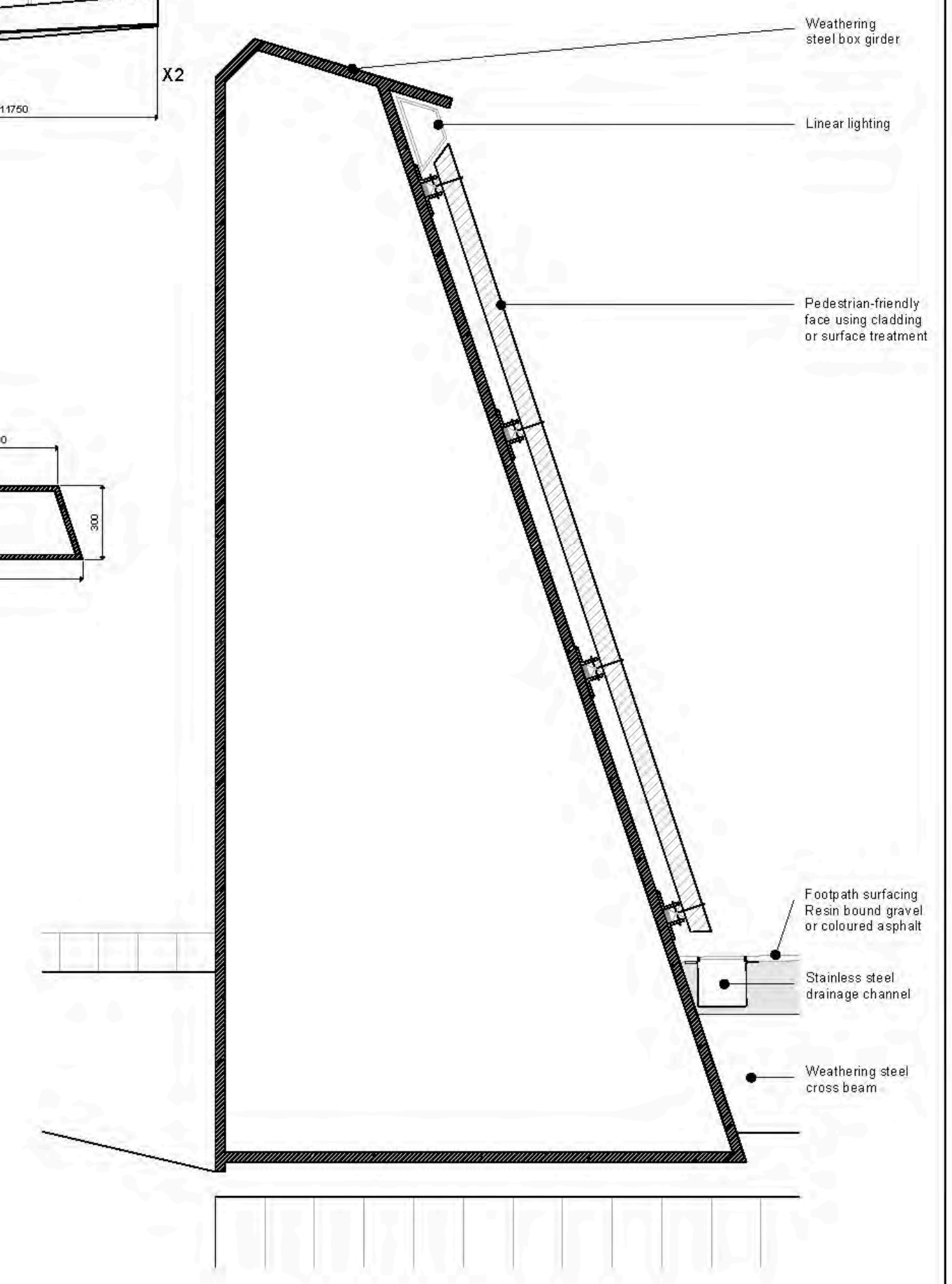
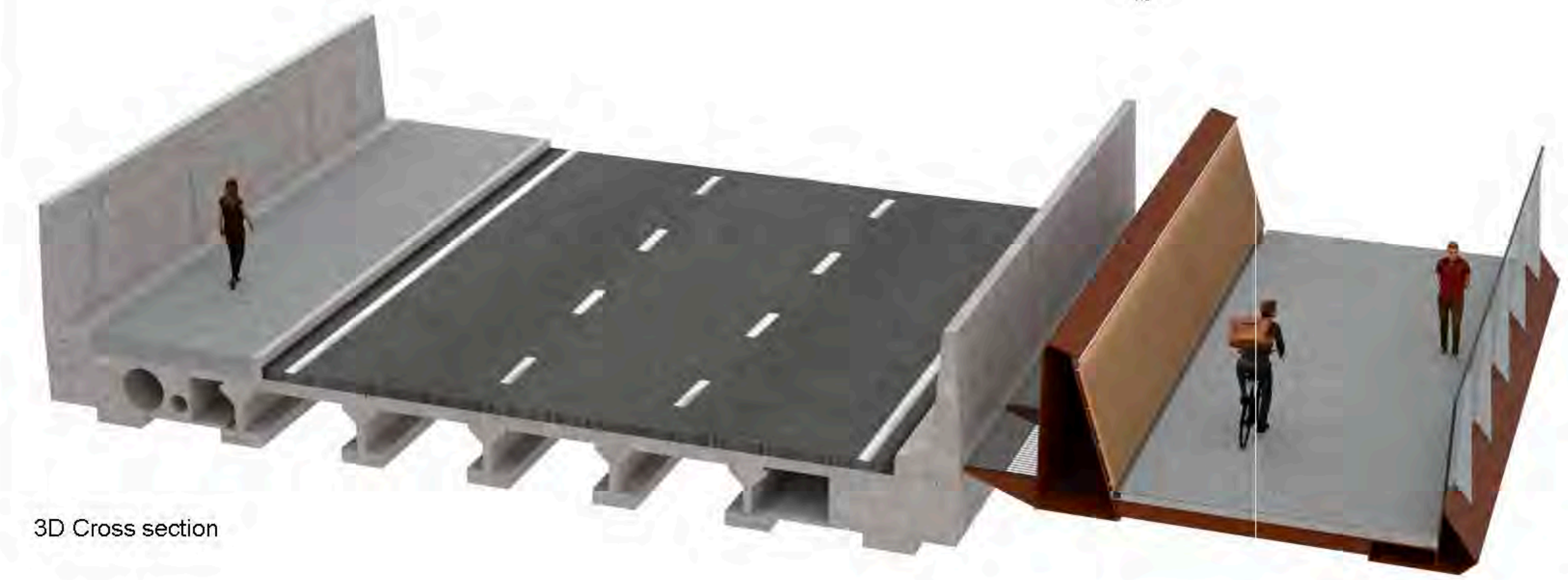
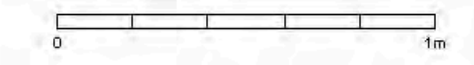




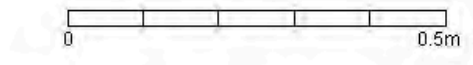
Plan of steelwork  
Scale 1:200



Steelwork cross section  
Scale 1:20



Detail A - Pedestrian-friendly face using cladding or surface treatment  
Scale 1:10



Note:  
All dimensions in mm unless  
stated otherwise.  
All the work indicated is weathering steel.

Rev	Date	Description	By	Checked	Approved	As B
P02	03/04/2020	RMA Submission incl client comments	DP	HB	MK	
P01	25/03/2020	RMA Submission	DP	HB	MK	



Team: Home, 9 Castle Street  
High Wycombe, Bucks HP13 6RZ  
Tel: 0494 525 522  
www.knightarchitects.co.uk

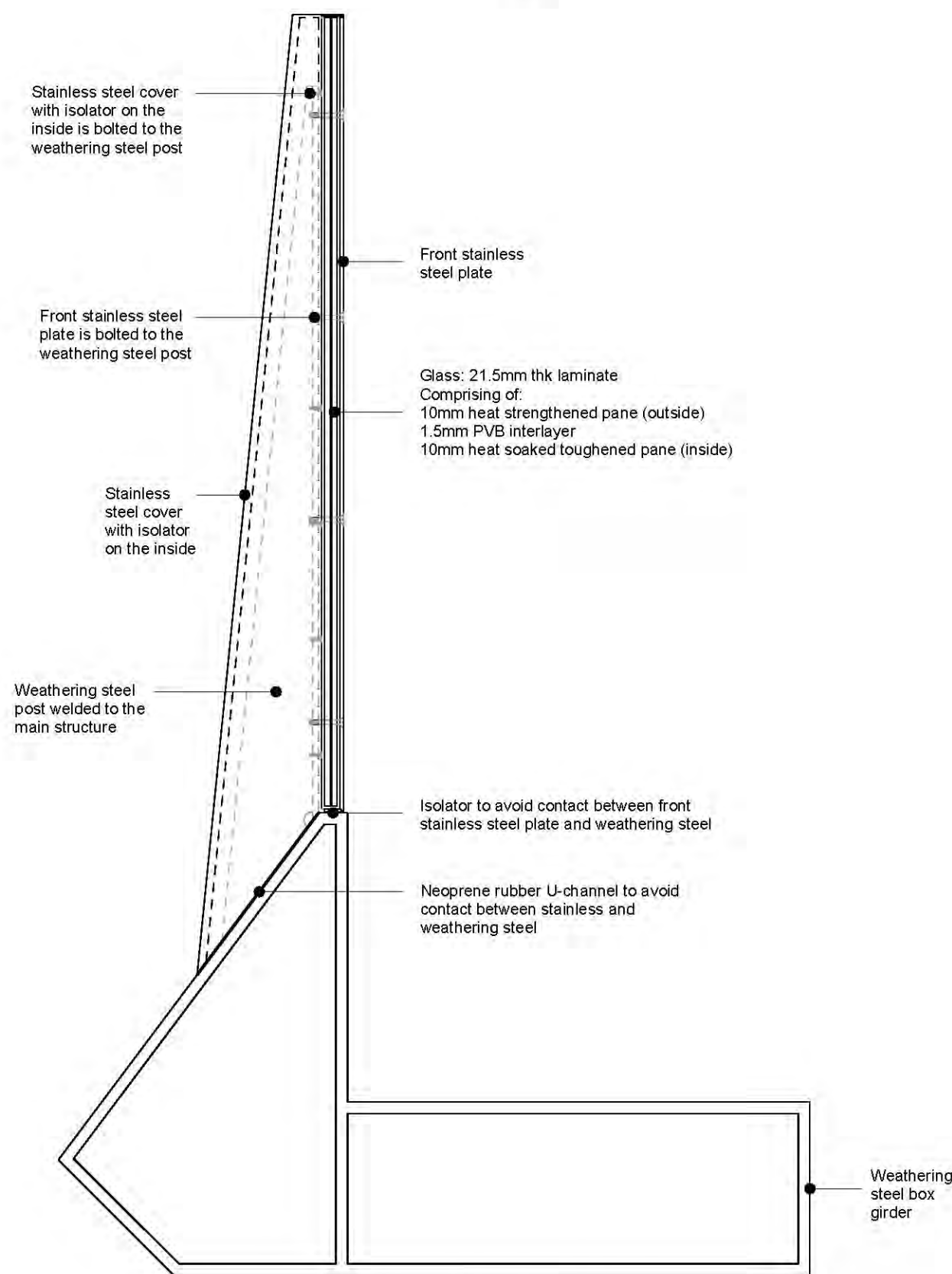
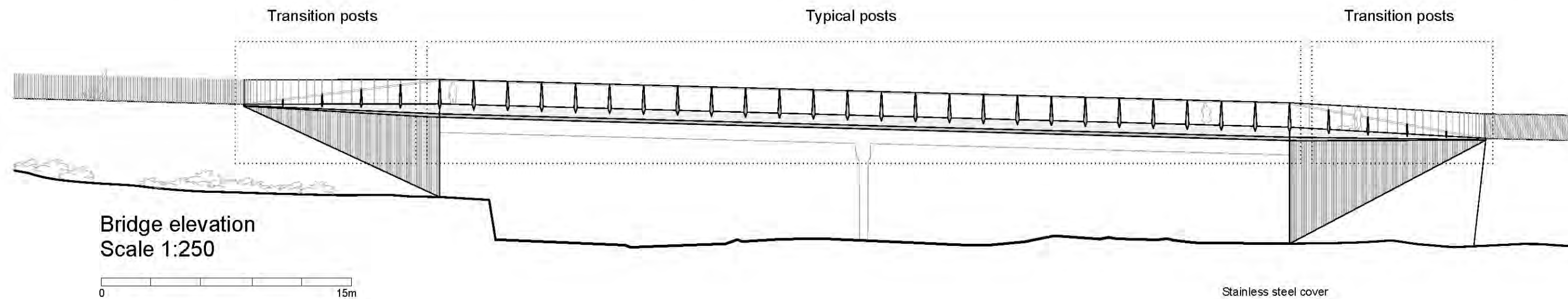
Client: CYC / Homes England / Network Rail

Project: York Central, Phase 1 Infrastructure RMA

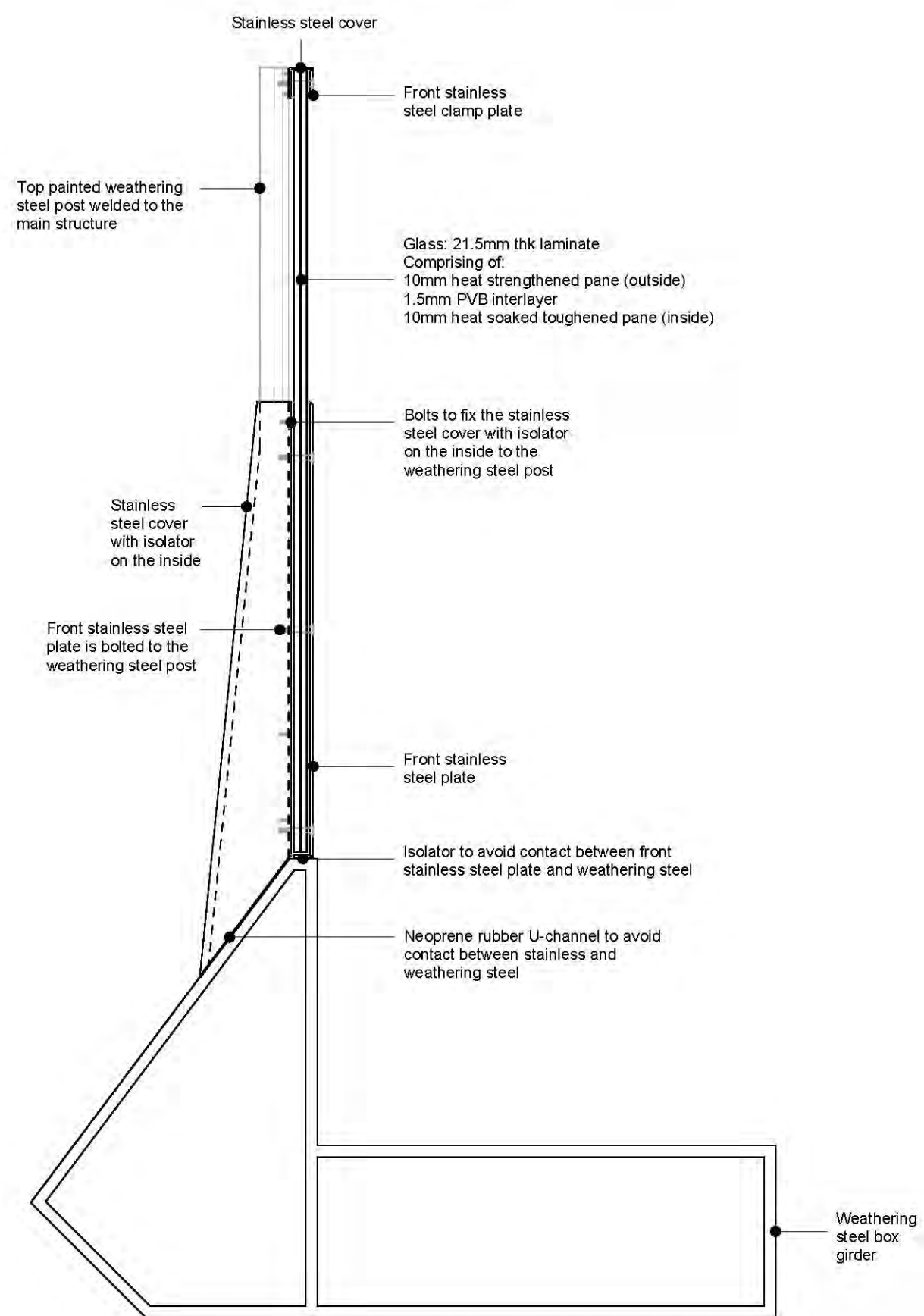
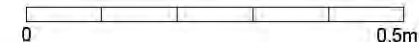
Drawing Title: Severus Pedestrian and Cycle Bridge Steelwork details

Scale at A2	As Shown	Knight Architects Job No	134					
Rev	Bridge Architecture							
Stability	S4 - Suitable for Stage Approval							
Rev	By	DP	Checked	HB	Approved	MK	As B	-
P02	Date	03/04/2020	Date	03/04/2020	Date	03/04/2020	Date	-
Name	YCL - KNI - RM1 - WE - DR - CB - 1002							
Project	Originator	Volume	Location	Type	Role	Number		

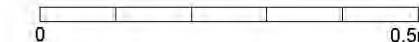




Glass parapet fixing for typical posts  
Scale 1:10



Glass parapet fixing scheme in transition posts  
Scale 1:10



Notes:  
All dimension in millimeters

Rev	Date	Description	By	Chkd	Appd	Auth
P01	25/03/2020	RMA Submission	DP	HB	MK	-



Thame House, 9 Castle Street,  
High Wycombe, Bucks HP13 9RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

Client  
CYC / Homes England / Network Rail

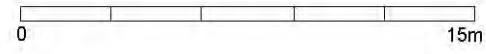
Project Title  
York Central, Phase 1 Infrastructure RMA

Drawing Title  
Severus Pedestrian and Cycle Bridge  
Parapet details

Scale at A2	As Shown	Knight Architects Job No.	134
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P01	DP	HB	MK
	Date	Date	Date
	25/03/2020	25/03/2020	25/03/2020
Name	YCL - KNI - RM1 - WE - DR - CB - 1003		
Project	Originator	Volume	Location
			Type
			Role
			Number



### Containment barrier transitions Scale 1:250

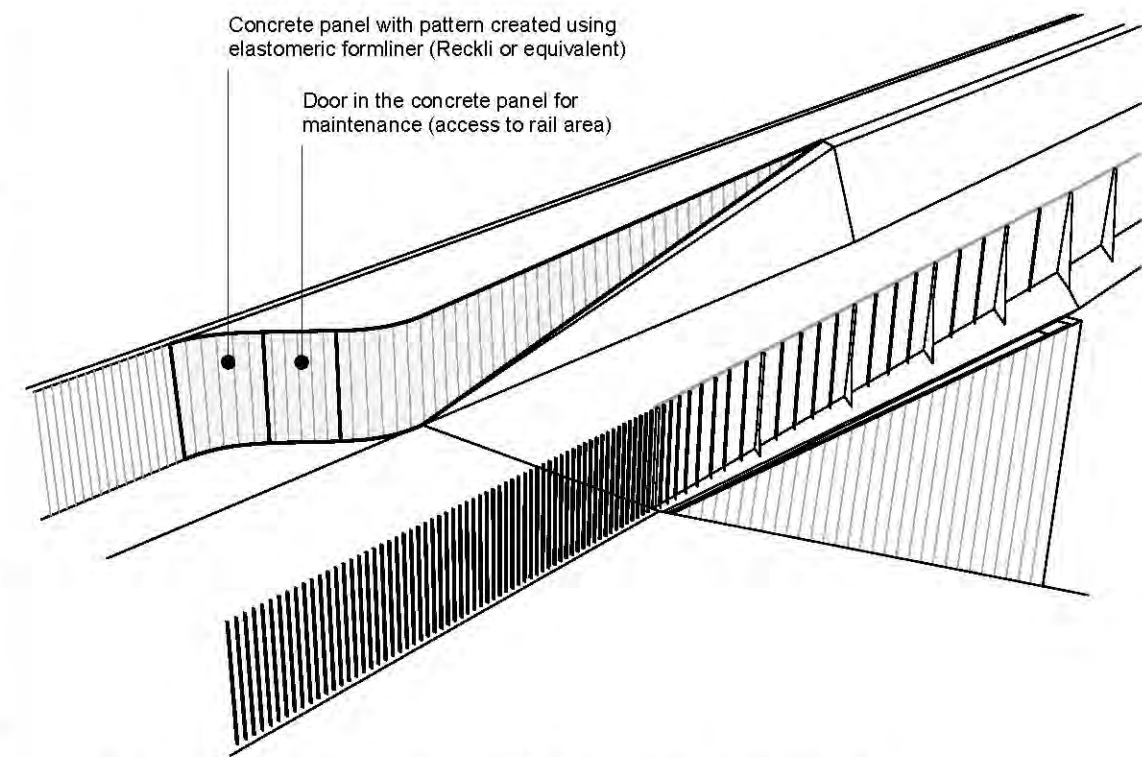


Containment barrier Transition 1

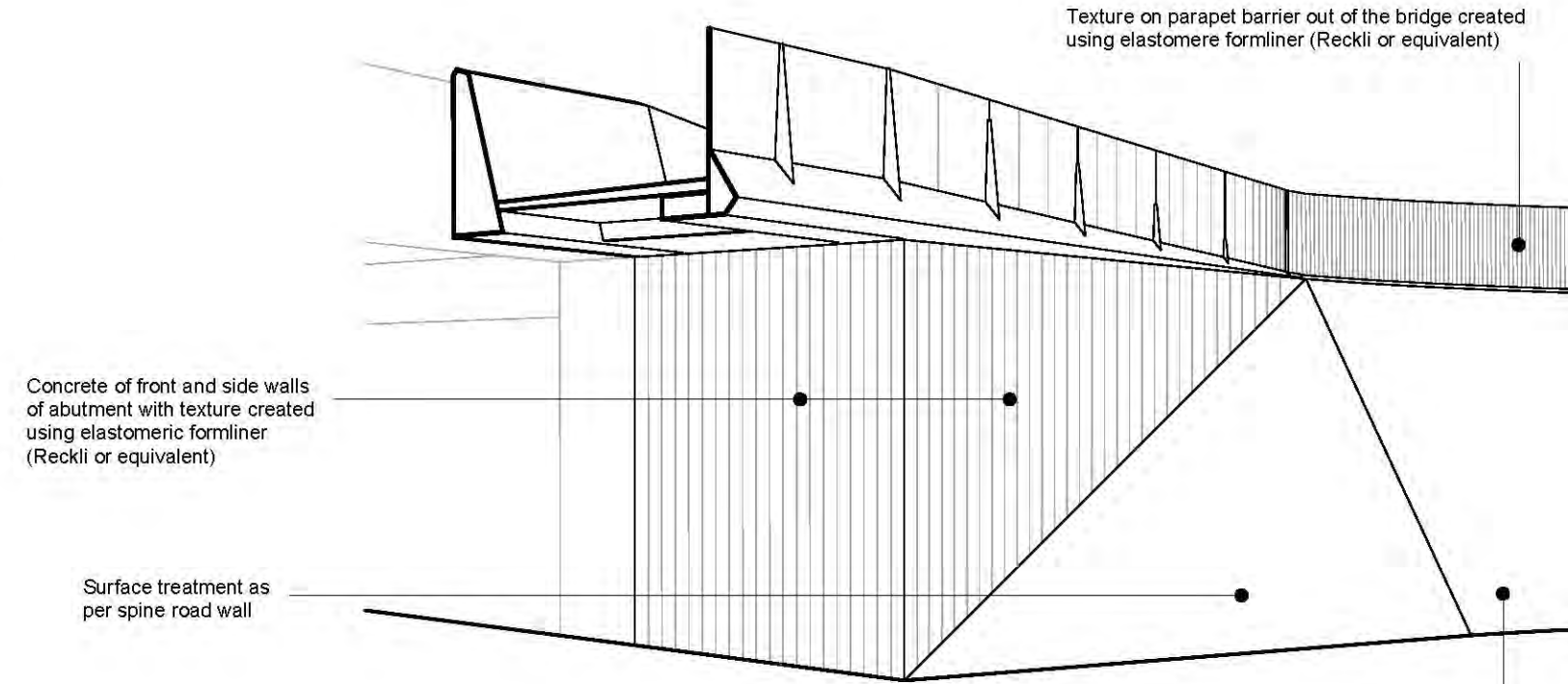
Pedestrian parapet Transition 1

Pedestrian parapet Transition 2

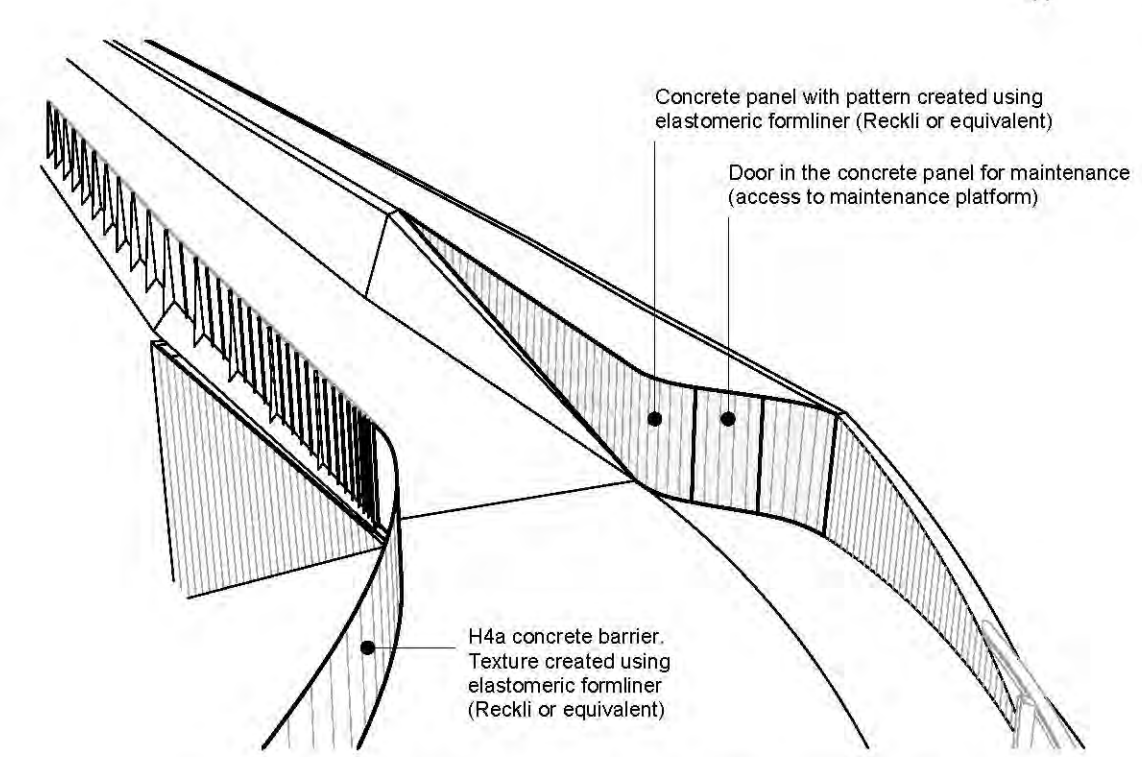
Containment barrier Transition 2



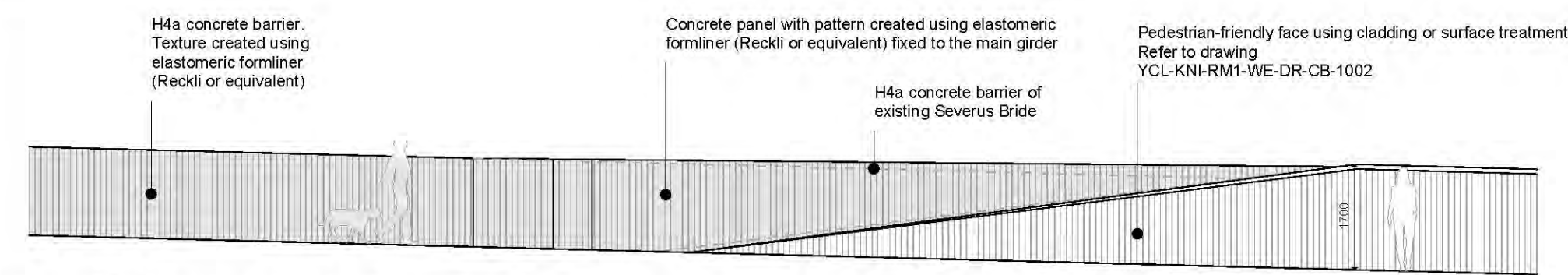
Perspective containment barrier Transition 1



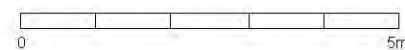
Perspective East Abutment



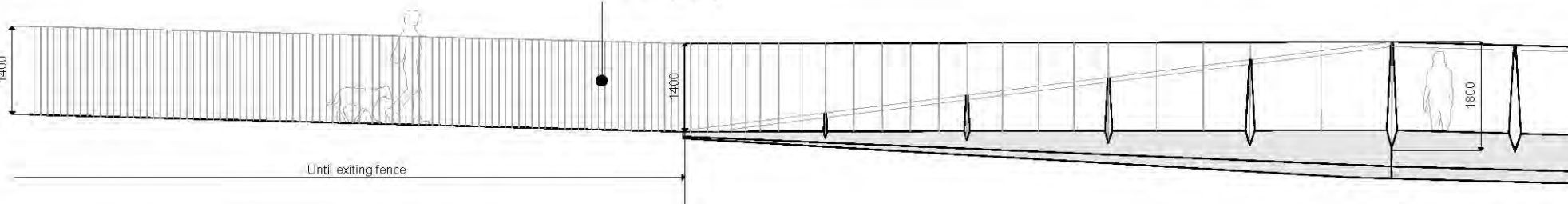
Perspective containment barrier Transition 2



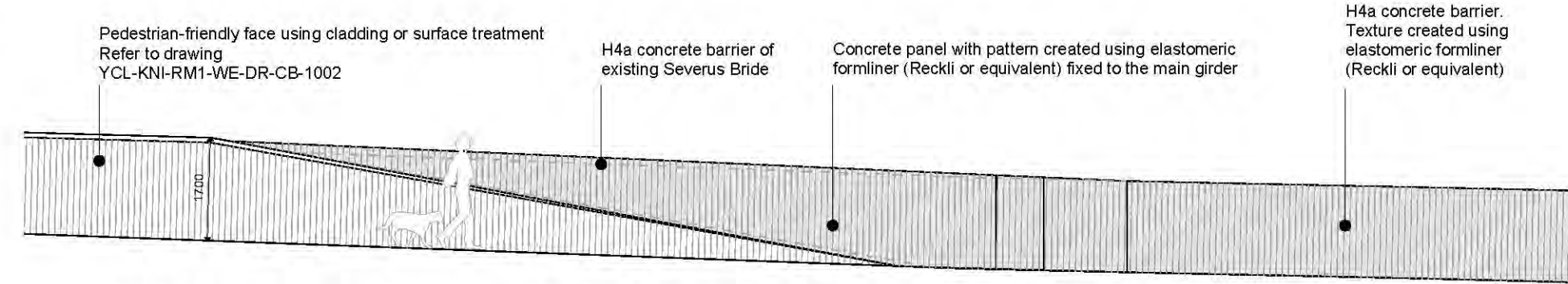
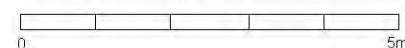
Containment barrier Transition 1  
Scale 1:100



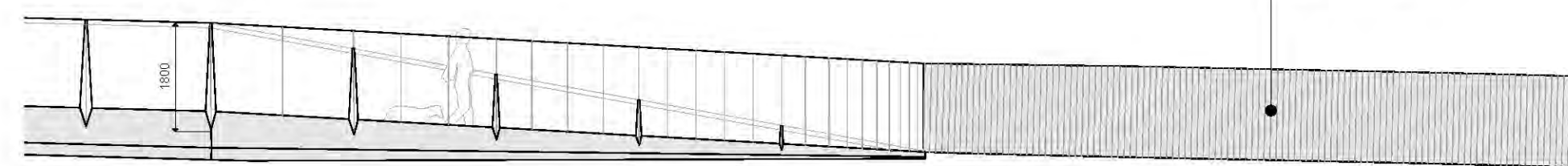
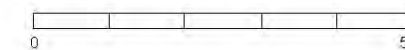
1.4m height painted steel parapet made of vertical posts 110mm spacing



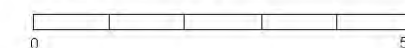
Pedestrian parapet Transition 1  
Scale 1:100



Containment barrier Transition 2 (developed elevation)  
Scale 1:100



Pedestrian parapet Transition 2 (developed elevation)  
Scale 1:100



Notes:  
All dimension in millimeters

Rev	Date	Description	By	Chkd	Appd	Auth
P02	03/04/2020	RMA Submission incl. client comments	DP	HB	MK	-
P01	25/03/2020	RMA Submission	DP	HB	MK	-



Thame House, 9 Castle Street,  
High Wycombe, Bucks HP13 9RZ  
Tel 01494 525 500  
www.knightarchitects.co.uk

Client  
CYC / Homes England / Network Rail

Project Title  
York Central, Phase 1 Infrastructure RMA

Drawing Title  
Severus Pedestrian and Cycle Bridge  
Parapet transition details

Scale at A2	As Shown	Knight Architects Job No	134
Role	Bridge Architecture		
Suitability	S4 - Suitable for Stage Approval		
Rev	By	Chkd	Appd
P02	DP	HB	MK
	Date	Date	Date
	03/04/2020	03/04/2020	03/04/2020
Name	YCL - KNI - RM1 - WE - DR - CB - 1004		
Project	Originator	Volume	Location
	Type	Role	Number