

**M42 Junction 6 Improvement  
Scheme Number TR010027  
Volume 2  
2.8 Engineering Drawings and Sections**

Regulation 5(2)(o) and Regulation 6(2)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009

January 2019

## Infrastructure Planning

### Planning Act 2008

#### **The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009**

### M42 Junction 6 Improvement Development Consent Order 202[ ]

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## Engineering Drawings and Sections

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<b>Regulation Number</b>	Regulation 5(2)(o) and Regulation 6(2)
<b>Planning Inspectorate Scheme Reference</b>	TR010027
<b>Application Document Reference</b>	2.8
<b>Author</b>	M42 Junction 6 Improvement Project Team and Highways England

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
1	January 2019	DCO Application



## Schedule of Plans included in this Application Document

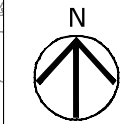
Drawing Number	Drawing Title	Revision
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2800	Drainage Engineering Drawings Regulation 5(2)(o) Key Plan	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2801	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 1 of 7	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2802	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 2 of 7	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2803	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 3 of 7	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2804	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 4 of 7	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2805	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 5 of 7	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2806	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 6 of 7	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2807	Drainage Engineering Drawings Regulation 5(2)(o) Sheet 7 of 7	C01

Drawing Number	Drawing Title	Revision
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2808	Engineering Sections Regulation 5(2)(o) Key Plan	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2809	Engineering Sections Regulation 6(2) Sheet 1 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2810	Engineering Sections Regulation 6(2) Sheet 2 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2811	Engineering Sections Regulation 6(2) Sheet 3 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2812	Engineering Sections Regulation 6(2) Sheet 4 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2813	Engineering Sections Regulation 6(2) Sheet 5 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2814	Engineering Sections Regulation 6(2) Sheet 6 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2815	Engineering Sections Regulation 6(2) Sheet 7 of 7	C01
HE551485-ACM-GEN- ZZ_SW_DCO_ZZ-DR-DC- 2816	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 1 of 8	C01

Drawing Number	Drawing Title	Revision
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2817	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 2 of 8	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2818	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 3 of 8	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2819	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 4 of 8	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2820	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 5 of 8	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2821	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 6 of 8	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2822	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 7 of 8	C01
HE551485-ACM-GEN-ZZ_SW_DCO_ZZ-DR-DC-2823	Structure Engineering Drawings and Sections Regulation 5(2)(o) Sheet 8 of 8	C01



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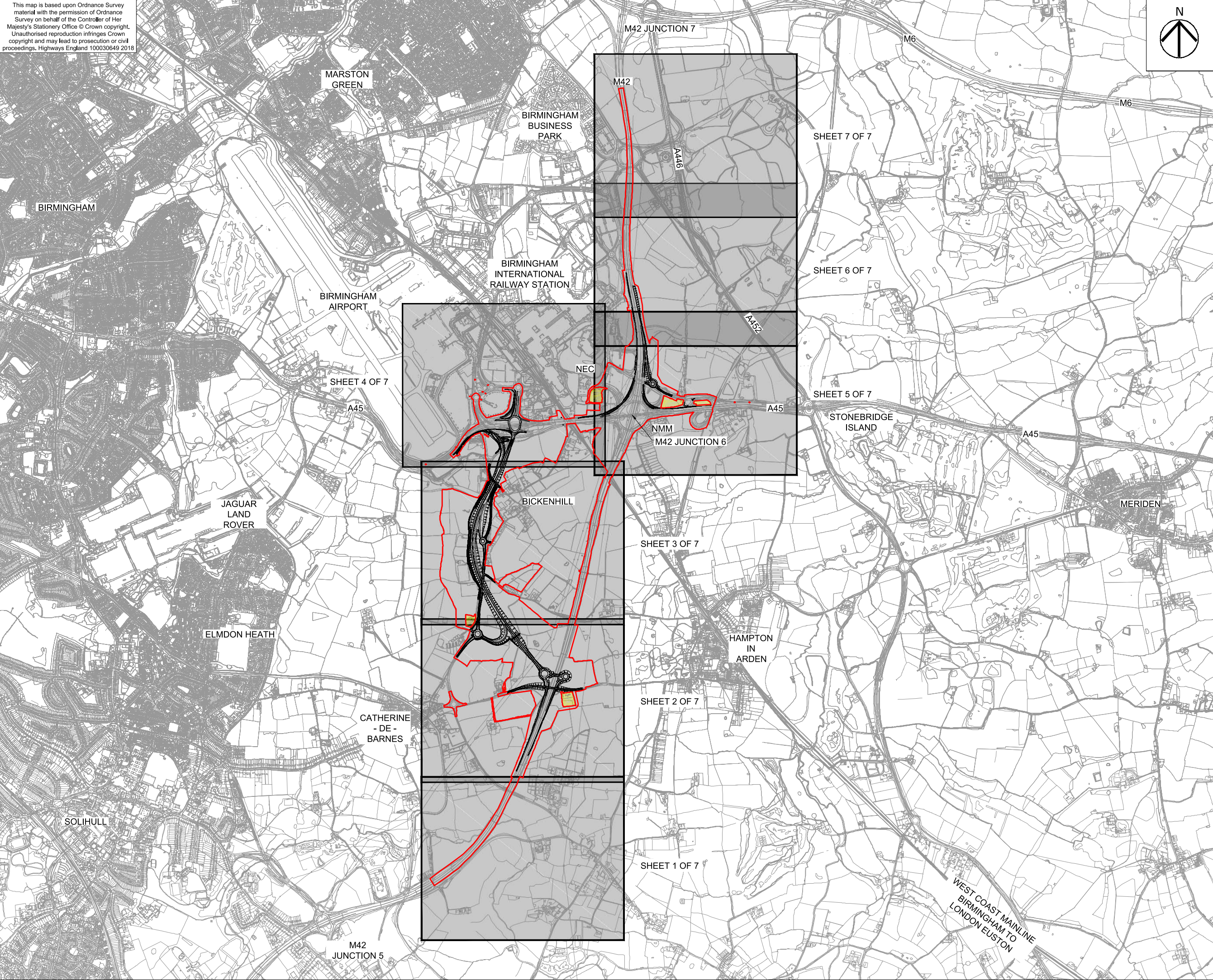


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LEGEND

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- LAND NOT INCLUDED WITHIN THE ORDER LIMITS



First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
Purpose of issue	Check		
DCO APPLICATION			
Client Highways England Floor 5 Two Colonnade Square 38 Colonnade Circus B4 6BN			
Development Consent Order Number TR010027			
Project Title M42 JUNCTION 6 IMPROVEMENT			
Drawing Title DRAINAGE ENGINEERING DRAWINGS REGULATION 5(2)(o) KEY PLAN			
Designed CW	Drawn WC	Checked JCH	Approved IJB
Internal Project No. 60543032		Date 14/12/18	
Scale @ A1 NTS		Suitability D7	
		Zone Scheme Wide General	
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Drawing Number HE551485 -ACM		1 Originator -GEN-	
1 Volume ZZ_SW_DCO_ZZ		-DR-DC-2800	
Location		1 Type 1 Role 1 Number	

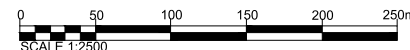


SHEET 1

BARSTON LANE

**SHEET NOT USED AS PART  
OF THIS DRAWING SERIES**

KNOWLE



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# DCO APPLICATION

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Client  
**Highways England**  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



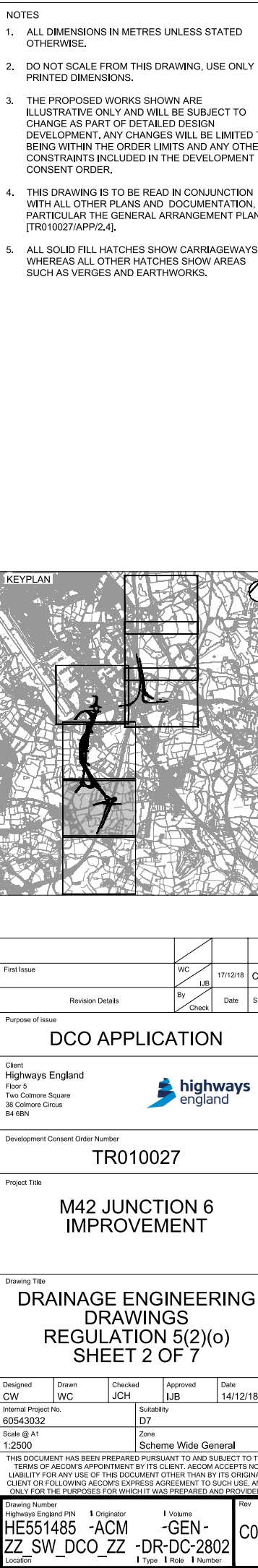
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Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Zone Scheme Wide General	

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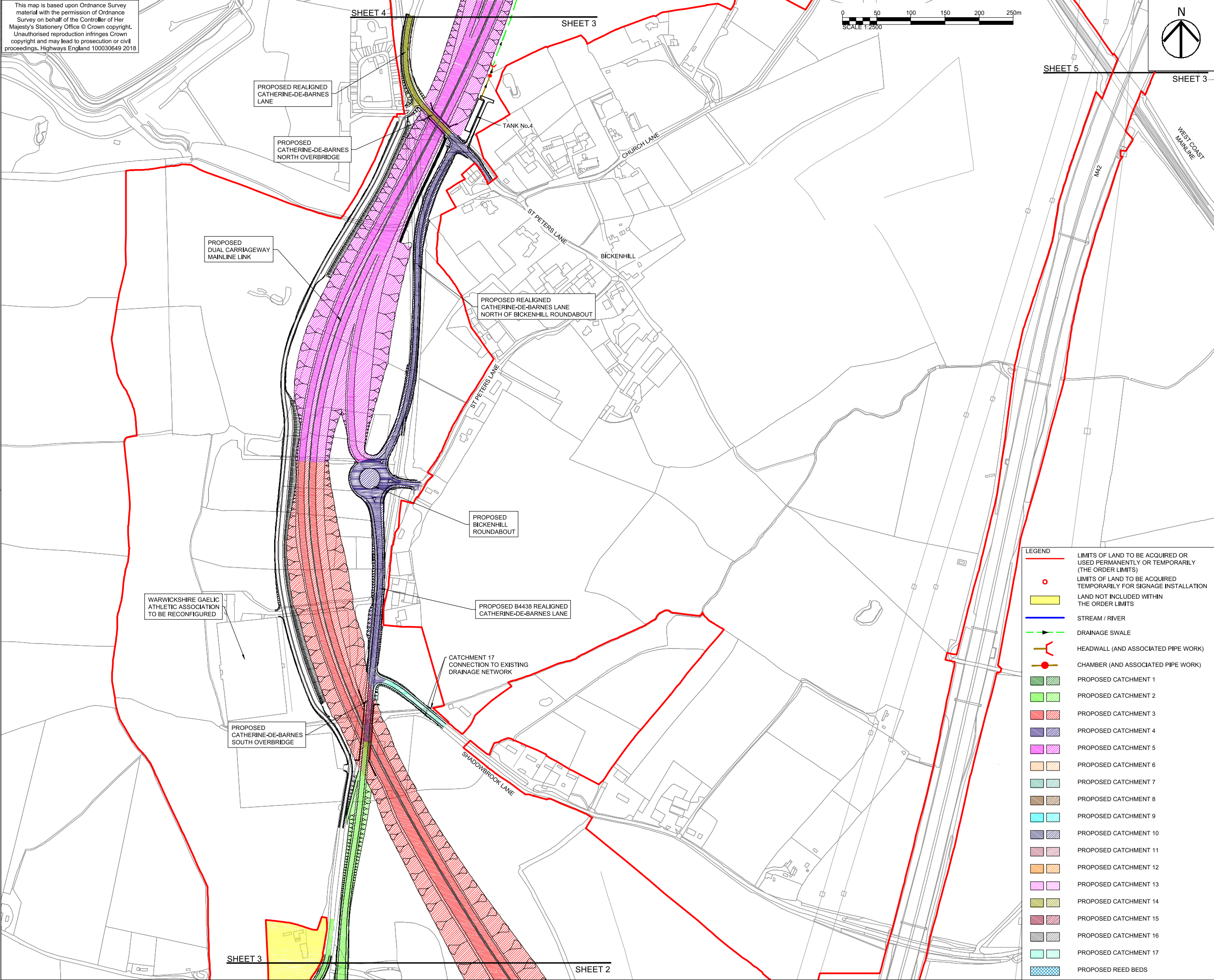
Drawing Number Highways England PIN <b>HE551485</b> <b>ZZ_SW_DCO_ZZ</b> Location	Originator <b>-ACM</b> <b>-DR-DC-2801</b> Type	Volume <b>-GEN-</b> <b>-DR-DC-2801</b> Role	Number <b>C01</b>
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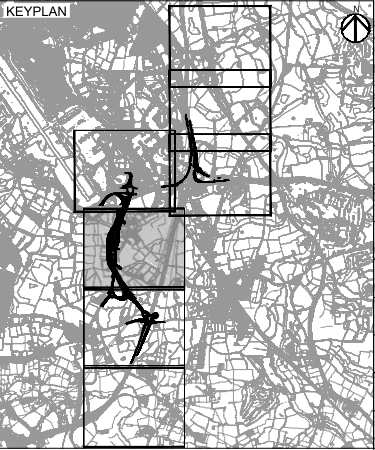




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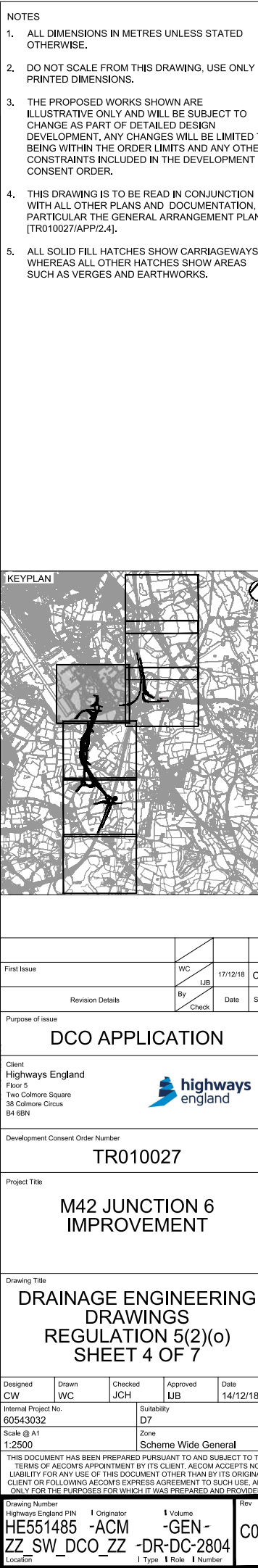


- LEGEND
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  - PROPOSED CATCHMENT 17
  - PROPOSED REED BEDS

First Issue	WC	17/12/18	C01	
Revision Details	By	Check	Date	
Purpose of issue	DCO APPLICATION			
Client	Highways England Floor 5 Two Colonnade Square 38 Colonnade Circus B4 6BN			
Development Consent Order Number	TR010027			
Project Title	M42 JUNCTION 6 IMPROVEMENT			
Drawing Title	DRAINAGE ENGINEERING DRAWINGS REGULATION 5(2)(o) SHEET 3 OF 7			
Designed	Drawn	Checked	Approved	Date
CW	WC	JCH	IJB	14/12/18
Internal Project No.	Suitability			
60543032	D7			
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1:2500	Scheme Wide General			
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Drawing Number	Highways England PIN	Originator	Volume	Rev
HE551485	-ACM	-GEN-		C01
ZZ SW_DCO_ZZ	-DR-DC-2803			
Location	Type	Role	Number	

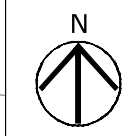
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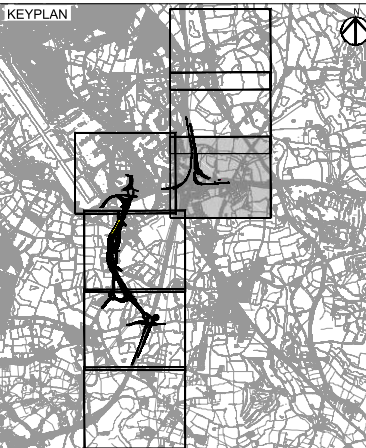


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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



Development Consent Order Number  
TR010027

Project Title  
M42 JUNCTION 6 IMPROVEMENT

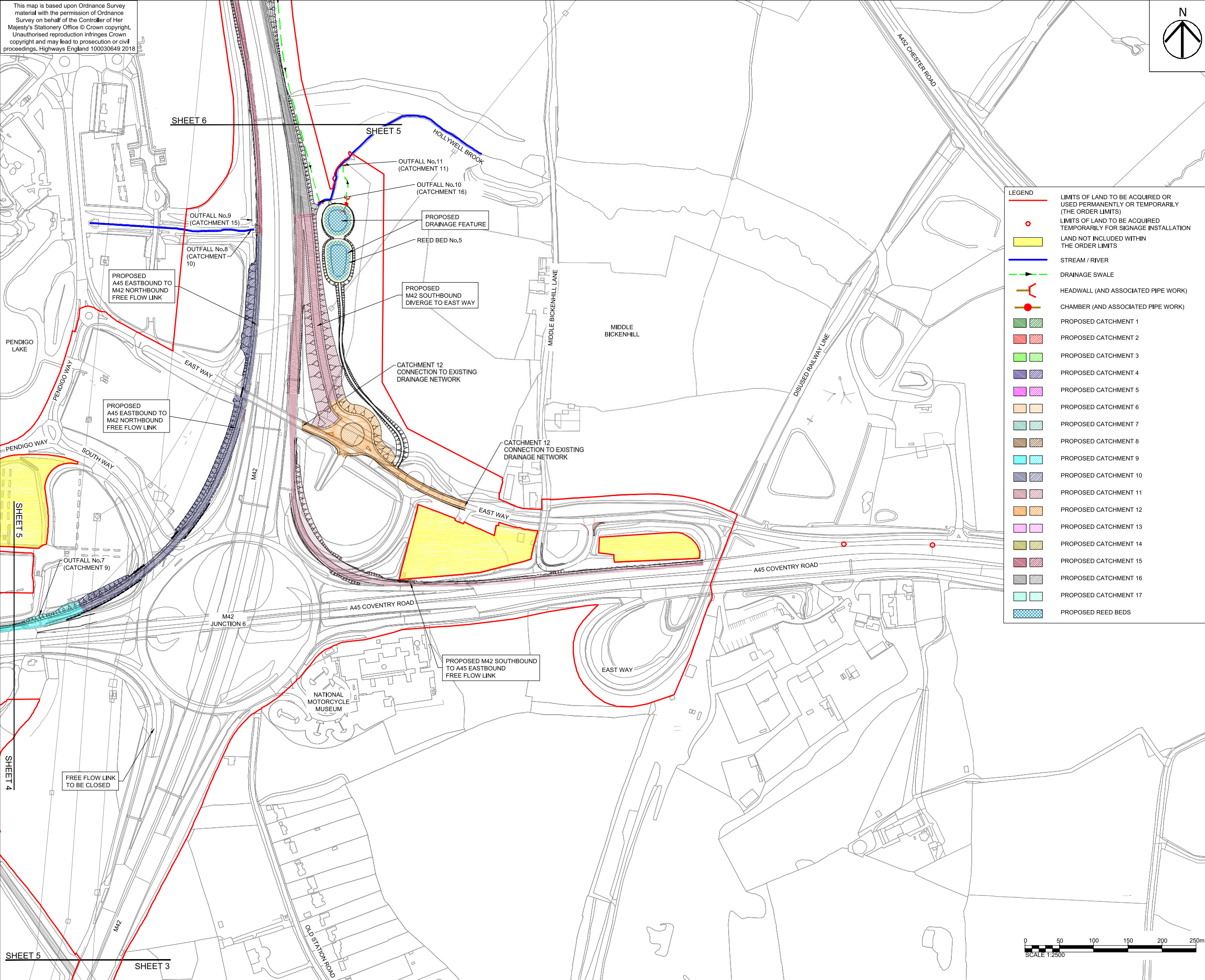
Drawing Title  
DRAINAGE ENGINEERING  
DRAWINGS  
REGULATION 5(2)(o)  
SHEET 5 OF 7

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Zone Scheme Wide General	

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Drawing Number HE551485 -ACM	Originator -GEN-	Volume ZZ_SW_DCO_ZZ	Rev C01
Location ZZ_SW_DCO_ZZ	I Type I Role I Number		

0 50 100 150 200 250m  
SCALE 1:2500



Plot Date: 18 December 2018 11:07:47  
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SHEET 7

SHEET 6

WYEVALE  
GARDEN  
CENTRE

AA46 STONEBRIDGE ROAD

A452 CHESTER ROAD

MIDDLE BICKENHILL LANE

A452 CHESTER ROAD

DISUSED RAILWAY LINE

PROPOSED  
M42 NORTHBOUND  
MERGE

PROPOSED  
M42 SOUTHBOUND  
DIVERGE

SHEET 6

SHEET 5

OUTFALL No.11  
(CATCHMENT 11)

OUTFALL No.10  
(CATCHMENT 16)



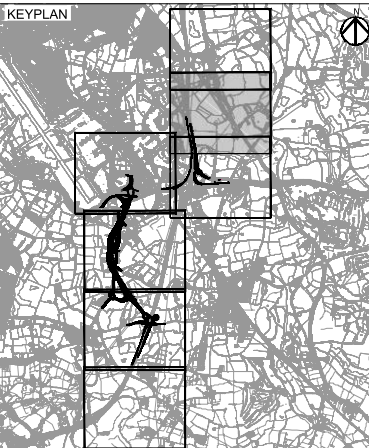
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- PROPOSED CATCHMENT 17
- PROPOSED REED BEDS

KEYPLAN



First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



Development Consent Order Number  
TR010027

Project Title  
M42 JUNCTION 6  
IMPROVEMENT

Drawing Title  
DRAINAGE ENGINEERING  
DRAWINGS  
REGULATION 5(2)(o)  
SHEET 6 OF 7

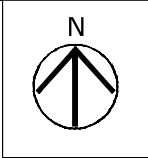
Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 1:2500			Zone Scheme Wide General	

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Drawing Number HE551485 -ACM	Originator -GEN-	Volume ZZ_SW_DCO_ZZ	Rev C01
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I Type I Role I Number			

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SCALE 1:2500

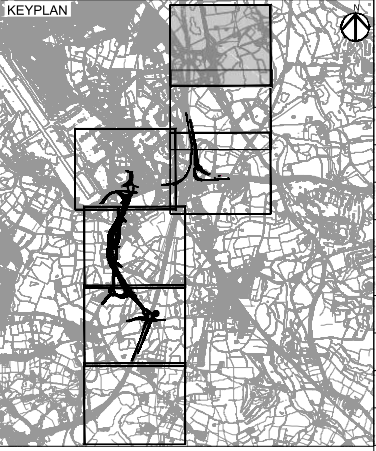
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- PROPOSED REED BEDS



First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
Purpose of issue	Check		

**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

Development Consent Order Number  
**TR010027**

Project Title  
**M42 JUNCTION 6 IMPROVEMENT**

Drawing Title  
**DRAINAGE ENGINEERING DRAWINGS  
REGULATION 5(2)(o)  
SHEET 7 OF 7**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18
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Internal Project No.  
60543032

Suitability  
D7

Scale @ A1  
1:2500

Zone  
Scheme Wide General

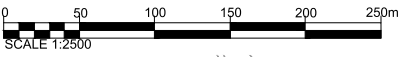
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Drawing Number HE551485 -ACM -GEN- ZZ_SW_DCO_ZZ	Originator -DR-DC-2807	Volume -GEN- -DR-DC-2807	Rev C01
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**SHEET NOT USED AS PART  
OF THIS DRAWING SERIES**

SHEET 7

SHEET 6



Plot Date: 18 December 2018 09:14:43  
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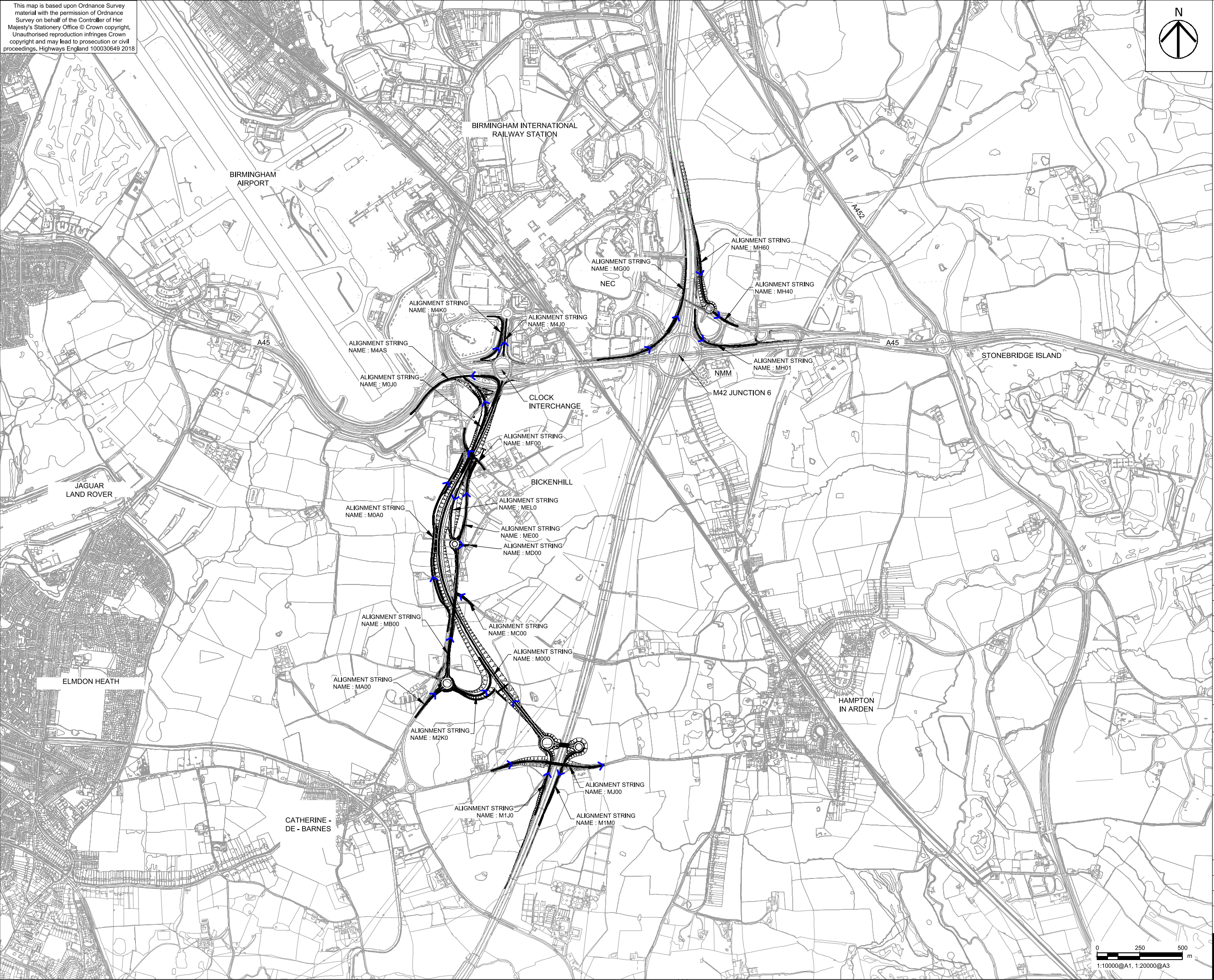


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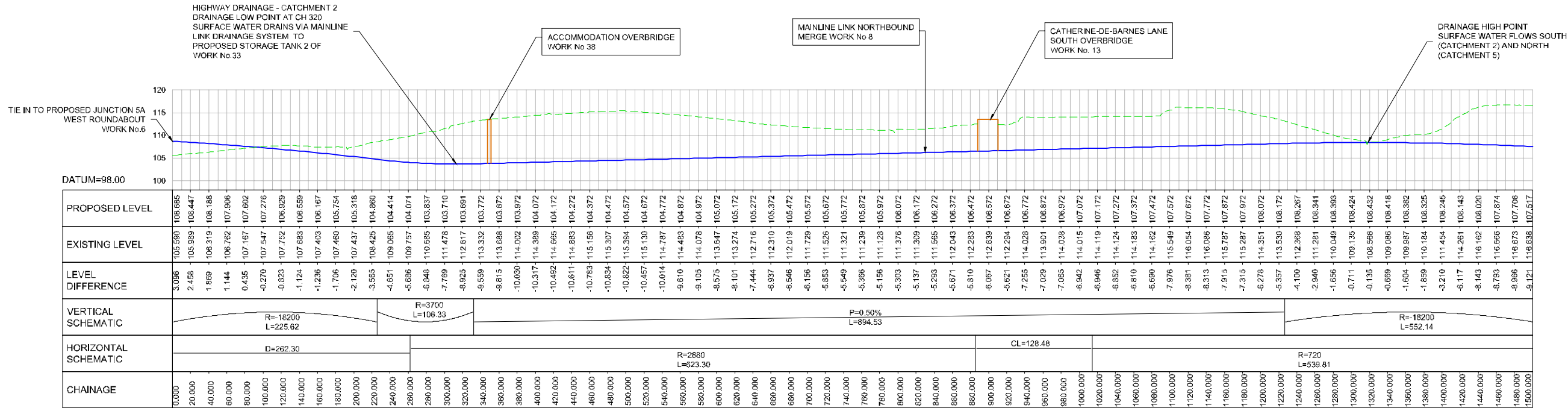
#### LEGEND

- ENGINEERING SECTION LINE
- DIRECTION OF SECTION AS DRAWN (LEFT TO RIGHT) ON ENGINEERING SECTION DRAWINGS

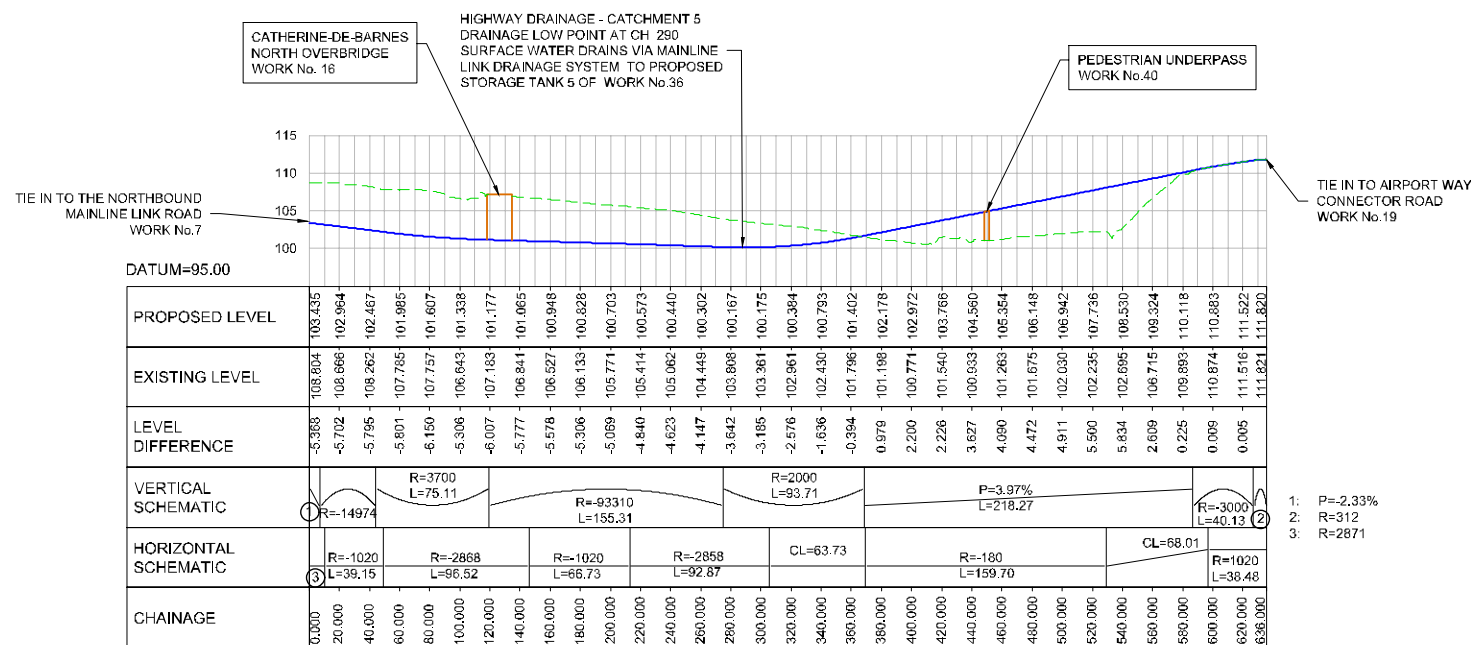




PROPOSED DUAL CARRIAGEWAY MAINLINE LINK



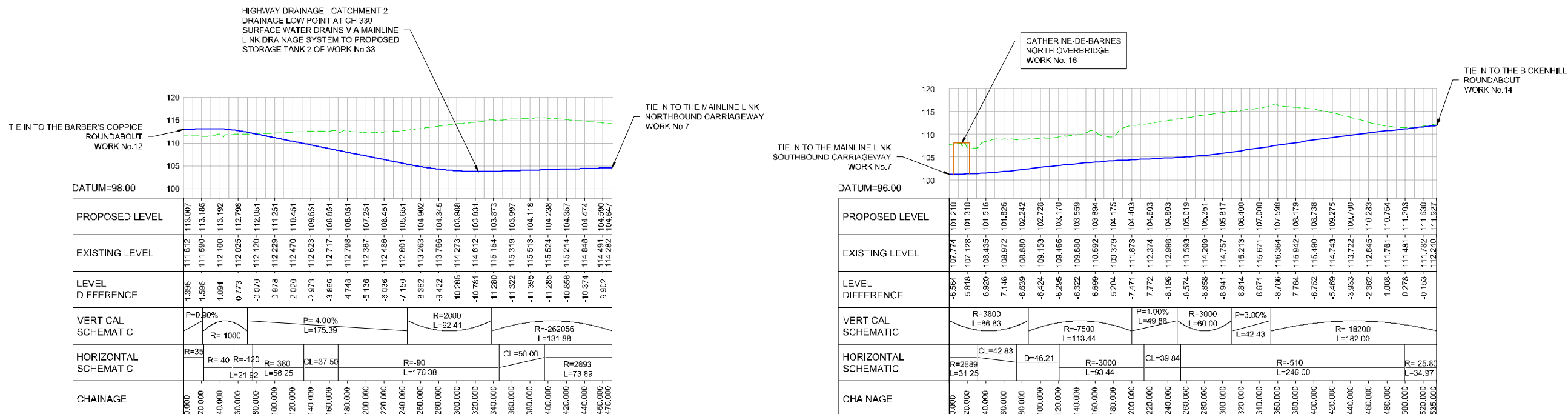
## DUAL CARRIAGEWAY MAINLINE LINK SLIP ROADS



WORK No.10  
MAINLINE LINK NORTHBOUND DIVERGE TO AIRPORT WAY CONNECTOR ROAD  
ALIGNMENT STRING NAME : M0J0

## LONG SECTION

SCALE H 1:2500 V=1:500



WORK No. 8  
MAINLINE LINK NORTHBOUND MERGE SLIP  
ALIGNMENT STRING NAME : M2K0

## LONG SECTION

SCALE H 1:2500 V=1:500

WORK No. 9  
MAINLINE LINK SOUTHBOUND DIVERGE SLIP  
ALIGNMENT STRING NAME : MEL0

## LONG SECTION

SCALE H 1:2500 V=1:500

- NOTES**
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  2. DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS.
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LEGEND

-  PROPOSED LEVEL  
 EXISTING LEVEL  
 PROPOSED STRUCTURE

First Issue	WC IJB	17/12/18	C01
Revision Details	By Check	Date	Suffix

## DCO APPLICATION

Client  
**Highways England**  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



Development Consent Order Number

TR010027

Project Title	
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## M42 JUNCTION 6 IMPROVEMENT

Drawing Title

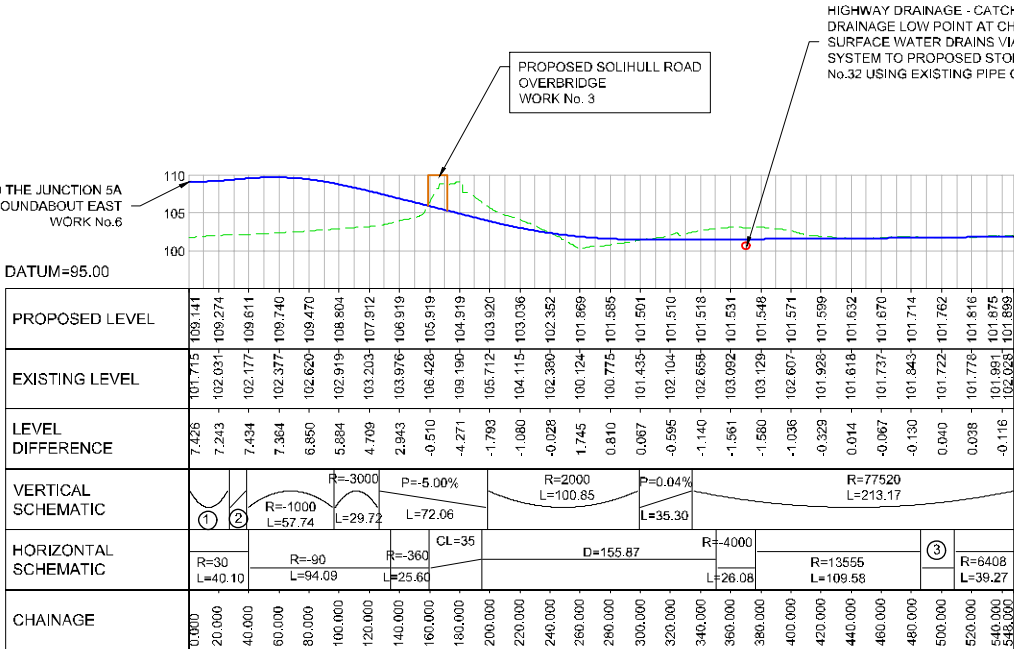
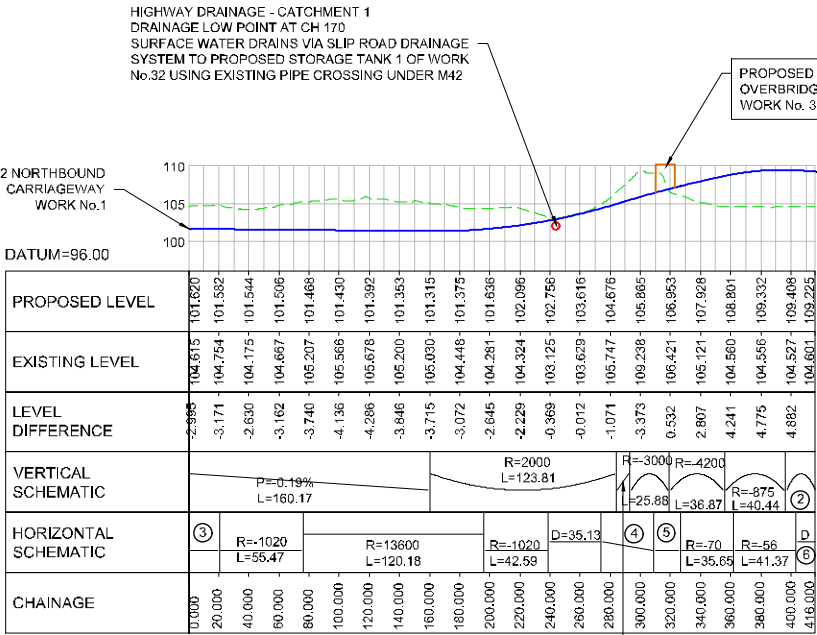
ENGINEERING SECTIONS  
REGULATION 6(2)  
SHEET 2 OF 7

Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 AS SHOWN			Zone Scheme Wide General	

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Drawing Number			Rev		
Highways England PIN		Originator	Volume		C01
HE551485		-ACM	-GEN -		
ZZ_SW_DCO_ZZ			-DR-DC-2810		
Location	Type	Role	Number		

## JUNCTION 5A SLIP ROADS



- LEGEND
- PROPOSED LEVEL
- EXISTING LEVEL
- PROPOSED STRUCTURE

First Issue	WC IJB	17/12/18	C
Revision Details	By Check	Date	St

# DCO APPLICATION



TR010027

# M42 JUNCTION 6 IMPROVEMENT

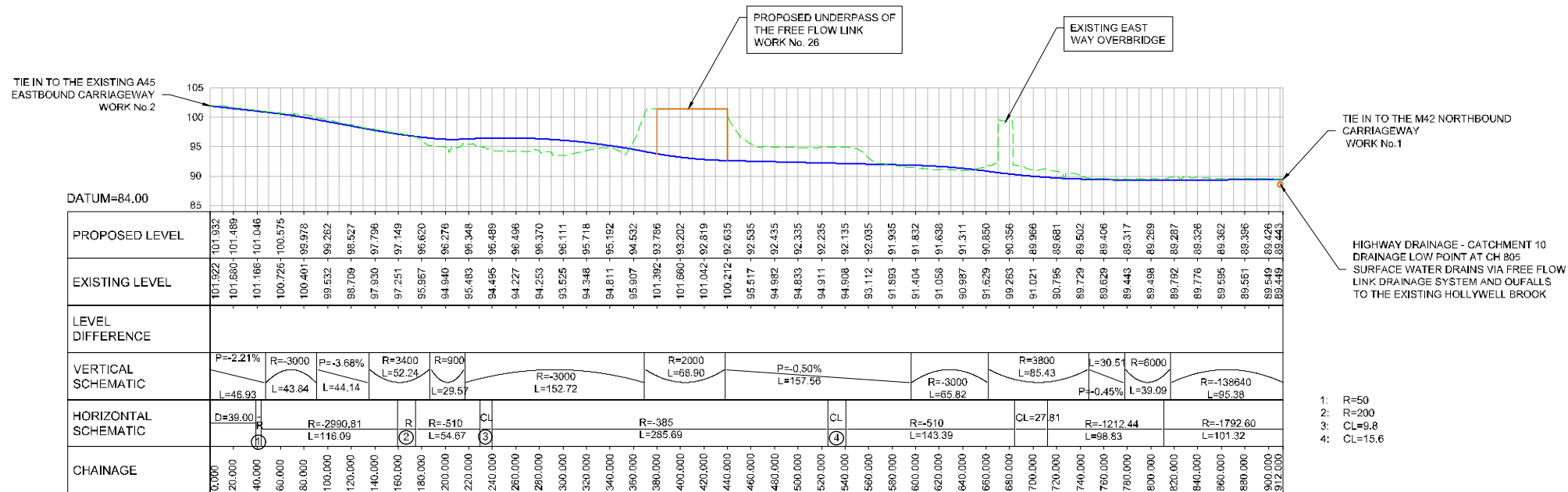
ENGINEERING SECTIONS  
REGULATION 6(2)  
SHEET 3 OF 7

Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 AS SHOWN			Zone Scheme Wide General	

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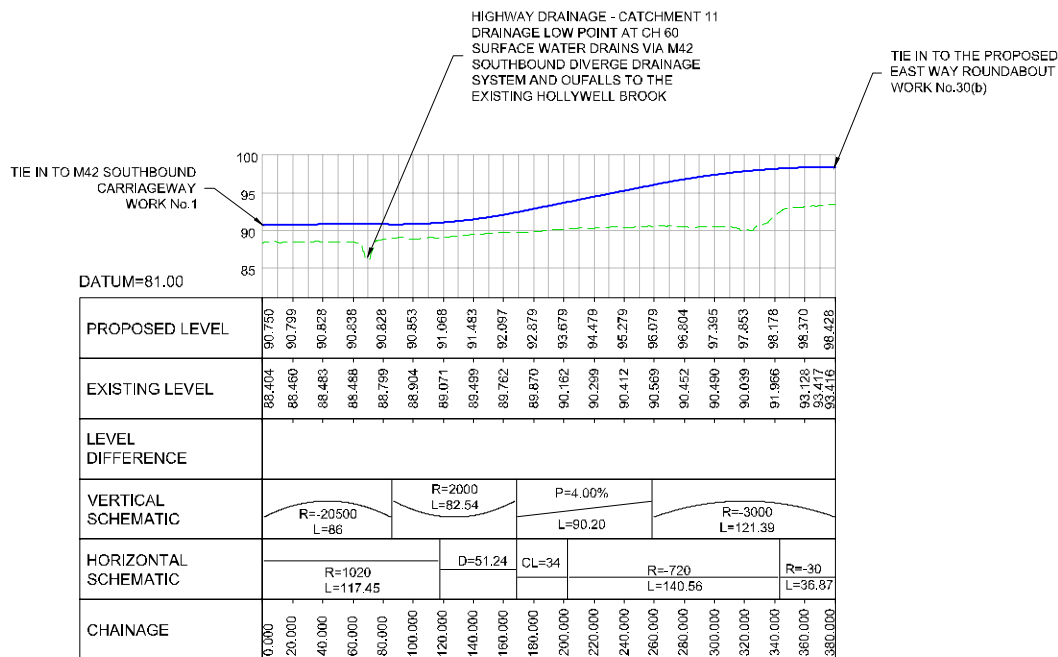
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Highways England PIN				
HE551485	-ACM		-GEN-	C0
ZZ_SW_DCO_ZZ	-DR-DC-2811			
Location	Type	Role	Number	

## JUNCTION 6 - FREE FLOW LINKS



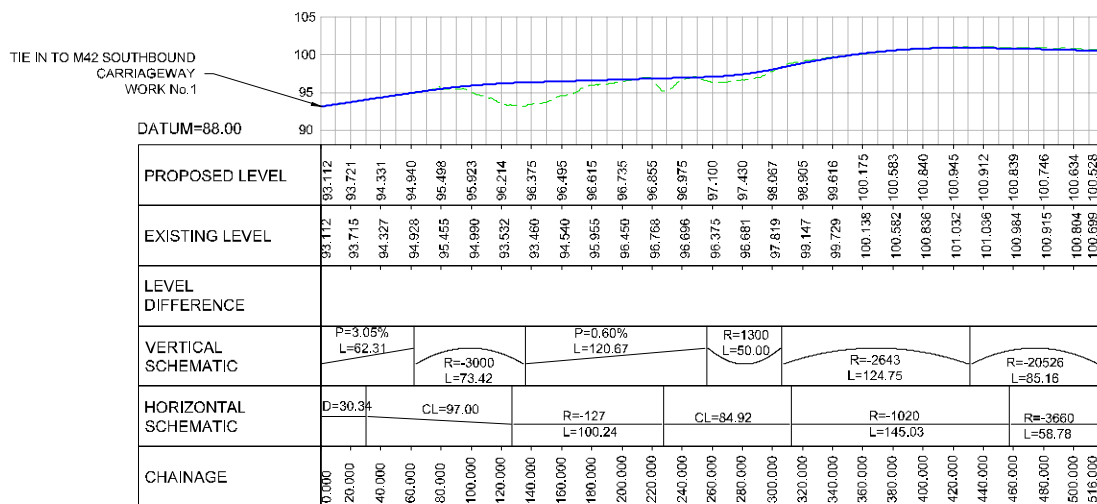
WORK No.26  
A45 EASTBOUND TO M42 NORTHBOUND FREE FLOW LINK  
ALIGNMENT STRING NAME : MG00

LONG SECTION  
SCALE H 1:2500 V=1:500



WORK No.28  
M42 SOUTHBOUND DIVERGE TO EAST WAY  
ALIGNMENT STRING NAME : MH60

LONG SECTION  
SCALE H 1:2500 V=1:500



WORK No.27  
M42 SOUTHBOUND TO A45 EASTBOUND FREE FLOW LINK  
ALIGNMENT STRING NAME : MH01

LONG SECTION  
SCALE H 1:2500 V=1:500

- NOTES
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LEGEND

- PROPOSED LEVEL
- EXISTING LEVEL
- PROPOSED STRUCTURE

First Issue	WC	17/12/18	C01
Revision Details	By	Check	Date

Purpose of Issue

DCO APPLICATION

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

Development Consent Order Number  
TR010027

Project Title  
M42 JUNCTION 6 IMPROVEMENT

Drawing Title  
ENGINEERING SECTIONS  
REGULATION 6(2)  
SHEET 4 OF 7

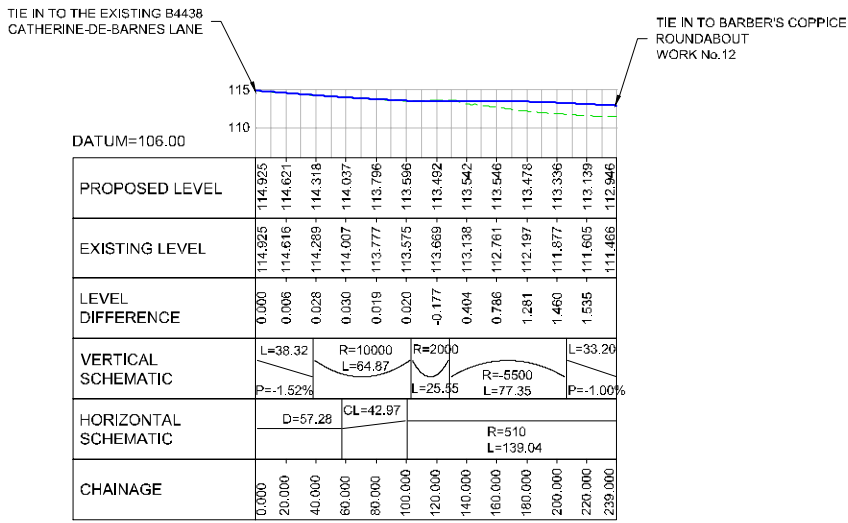
Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032	Suitability D7	Scale @ A1 AS SHOWN	Zone Scheme Wide General	

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Drawing Number HE551485 -ACM	Originator -GEN-	Volume ZZ_SW_DCO_ZZ	Rev C01
Location	Type	Role	Number

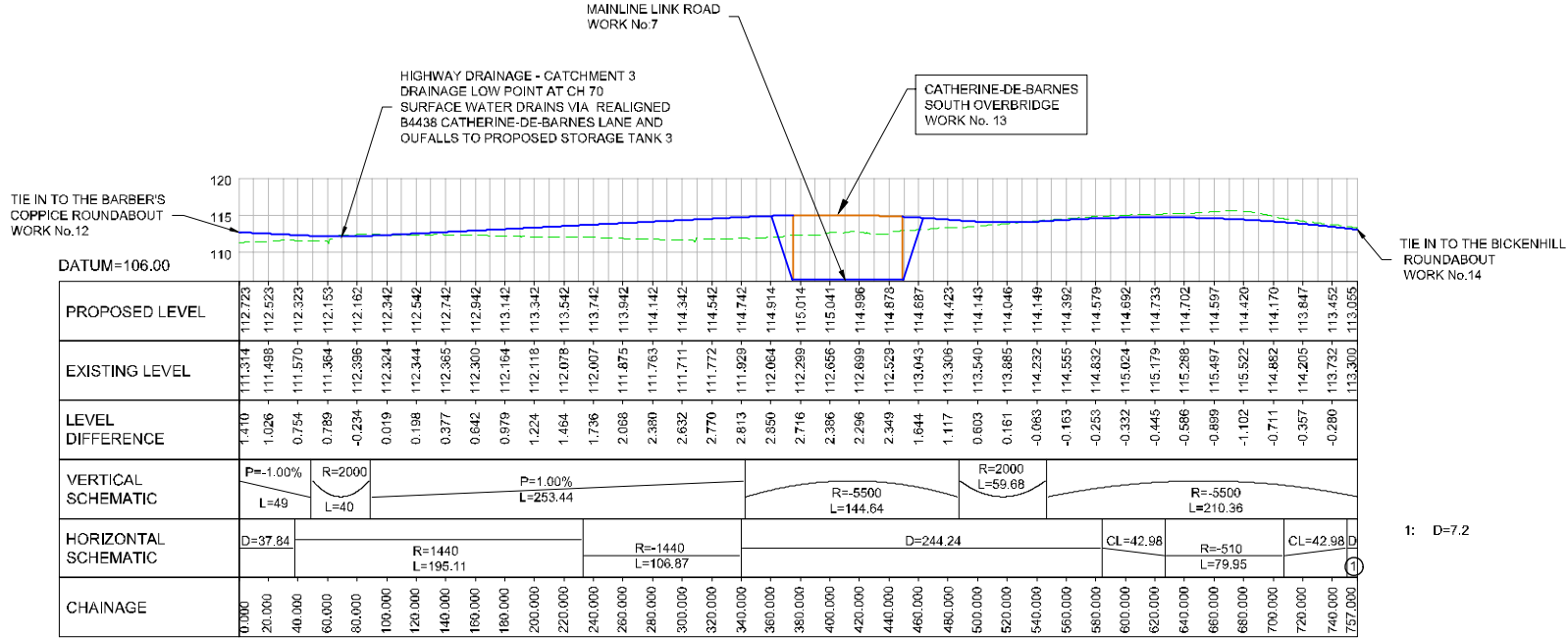


SIDE ROADS



WORK No. 11  
REALIGNED B4438 CATHERINE- DE- BARNES LANE  
SOUTH OF BARBER'S COPPICE ROUNDABOUT  
ALIGNMENT STRING NAME : MA00

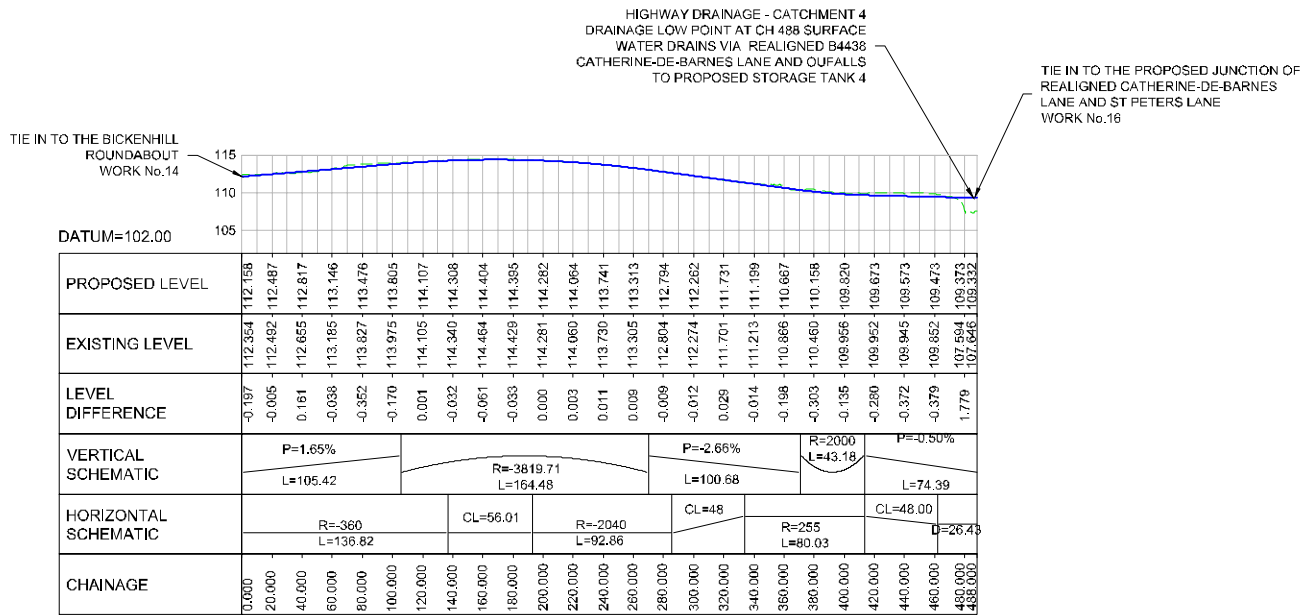
**LONG SECTION**  
SCALE H 1:2500 V=1:500



WORK No.13  
REALIGNED B4438 CATHERINE- DE- BARNES LANE BETWEEN  
BARBER'S COPPICE ROUNDABOUT AND BICKENHILL ROUNDABOUT  
ALIGNMENT STRING NAME : MB00

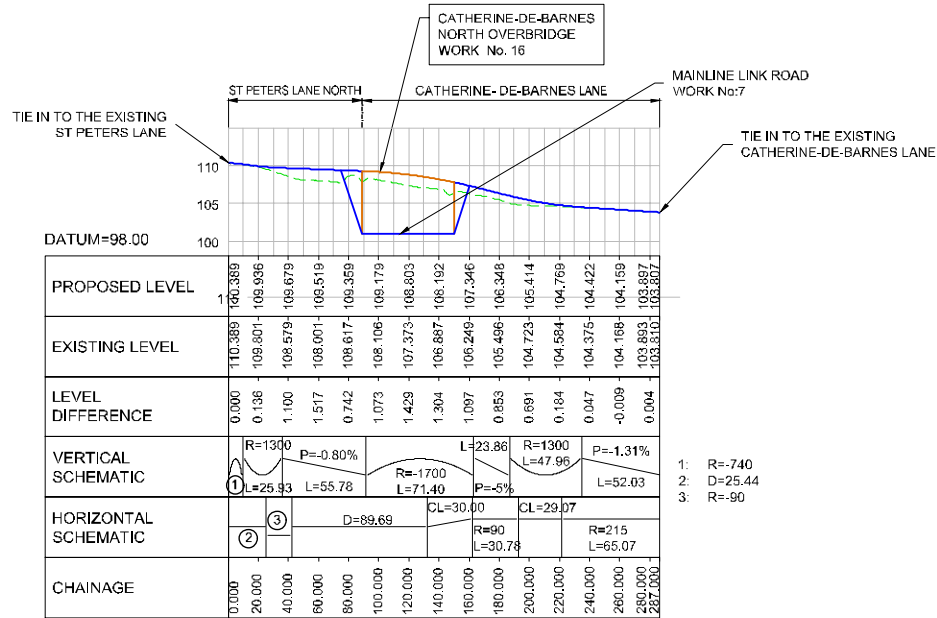
**LONG SECTION**  
SCALE H 1:2500 V=1:500

1: D=7.2



WORK No. 15  
REALIGNED CATHERINE- DE- BARNES LANE NORTH OF BICKENHILL  
ROUNDABOUT  
ALIGNMENT STRING NAME : ME00

**LONG SECTION**  
SCALE H 1:2500 V=1:500



WORK No. 16  
PROPOSED REALIGNED CATHERINE- DE- BARNES  
LANE AND ST PETERS LANE TIE IN  
ALIGNMENT STRING NAME : MF00

**LONG SECTION**  
SCALE H 1:2500 V=1:500

1: R=740  
2: D=25.44  
3: R=90

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LEGEND

- PROPOSED LEVEL
- EXISTING LEVEL
- PROPOSED STRUCTURE

First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
Purpose of Issue	Check		

DCO APPLICATION

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

**highways**  
england

Development Consent Order Number  
**TR010027**

M42 JUNCTION 6  
IMPROVEMENT

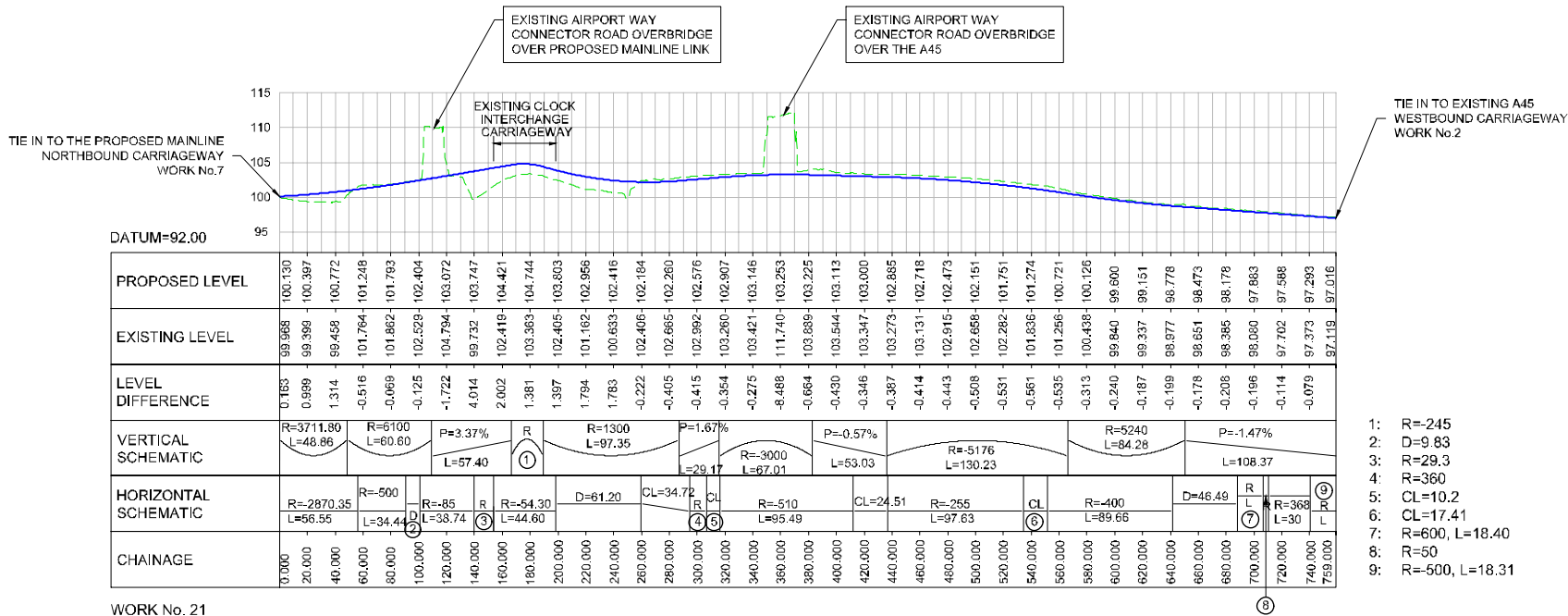
ENGINEERING SECTIONS  
REGULATION 6(2)  
SHEET 5 OF 7

Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 14/12/18
Internal Project No. 60543032	Suitability D7	Zone AS SHOWN	Scheme Wide General	

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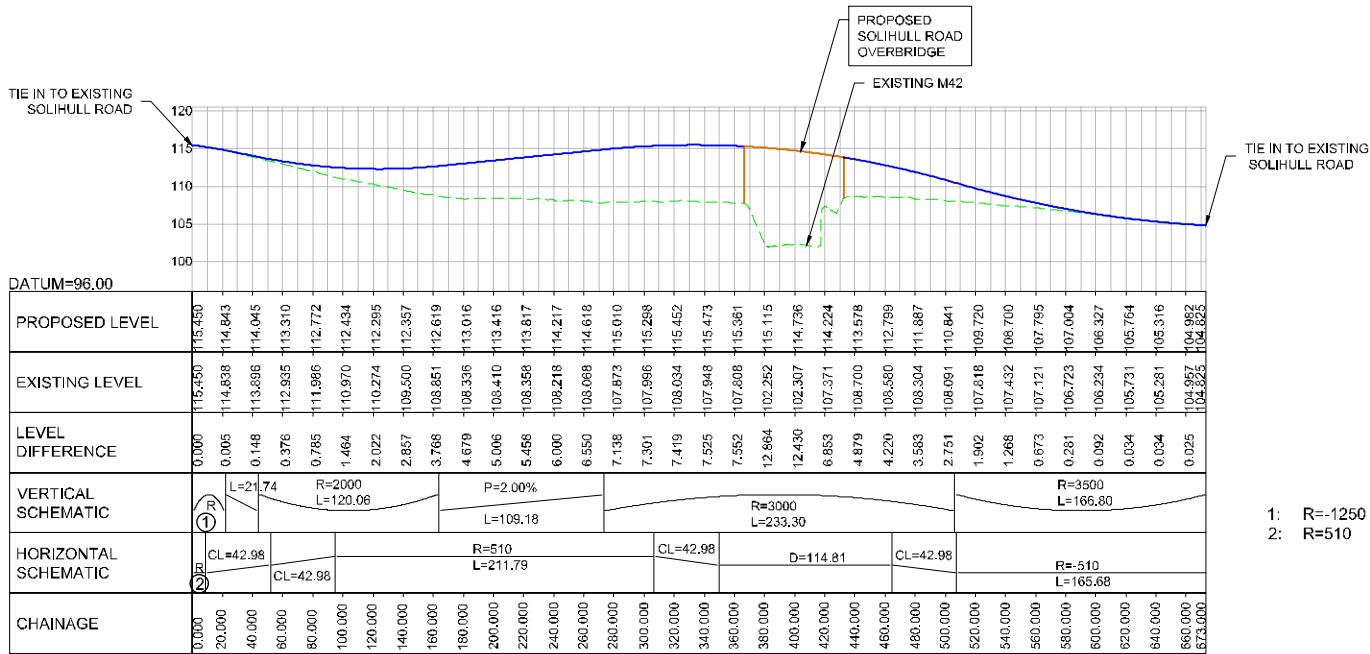
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Location	Type	Role	Number	

SIDE ROADS



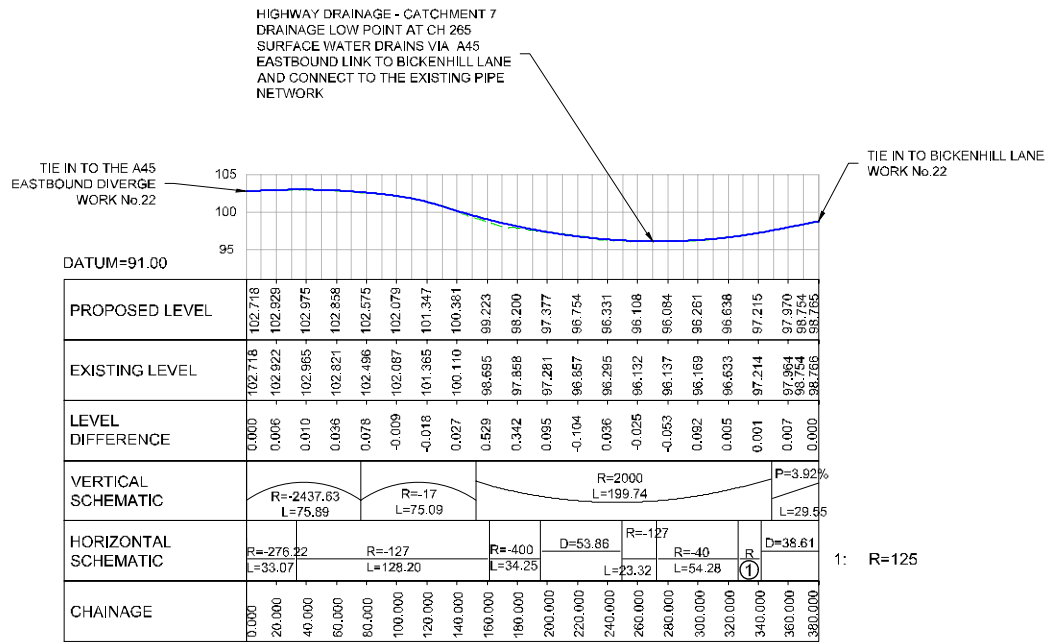
WORK No. 21  
SEGREGATED LEFT TURN LANE FROM MAINLINE LINK TO A45 WESTBOUND  
ALIGNMENT STRING NAME : M4AS

LONG SECTION  
SCALE H 1:2500 V=1:500



WORK No. 3  
SOLIHULL ROAD OVERBRIDGE  
ALIGNMENT STRING NAME : MJ00

LONG SECTION  
SCALE H 1:2500 V=1:500



WORK No. 22  
A45 EASTBOUND FREE FLOW LINK TO BICKENHILL LANE  
ALIGNMENT STRING NAME : M4K0

LONG SECTION  
SCALE H 1:2500 V=1:500

- NOTES
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LEGEND

- PROPOSED LEVEL
- EXISTING LEVEL
- PROPOSED STRUCTURE

First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
Purpose of Issue	Check		

DCO APPLICATION

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



Development Consent Order Number

TR010027

Project Title

M42 JUNCTION 6  
IMPROVEMENT

Drawing Title

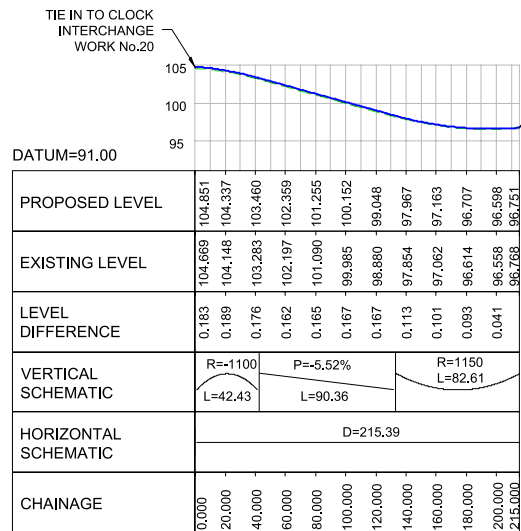
ENGINEERING SECTIONS  
REGULATION 6(2)  
SHEET 6 OF 7

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 14/12/18
Internal Project No. 60543032	Suitability D7	Zone AS SHOWN	Scheme Wide General	

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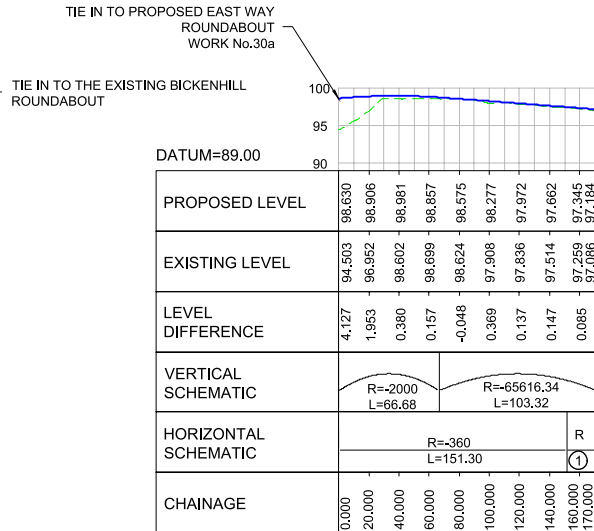
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## SIDE ROADS



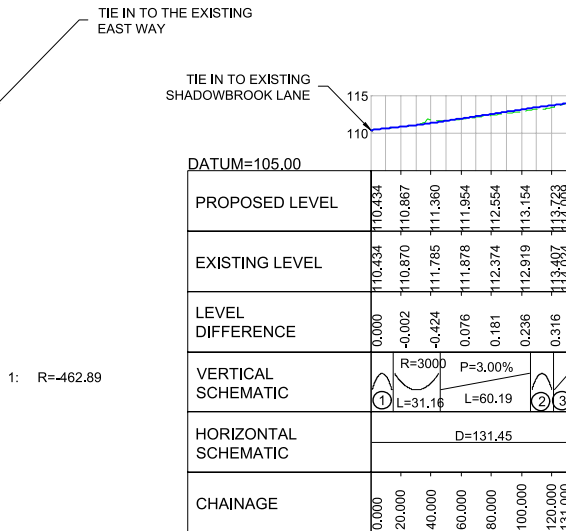
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REALIGNED BICKENHILL LANE  
ALIGNMENT STRING NAME : M4J0

LONG SECTION  
SCALE H 1:2500 V=1:500



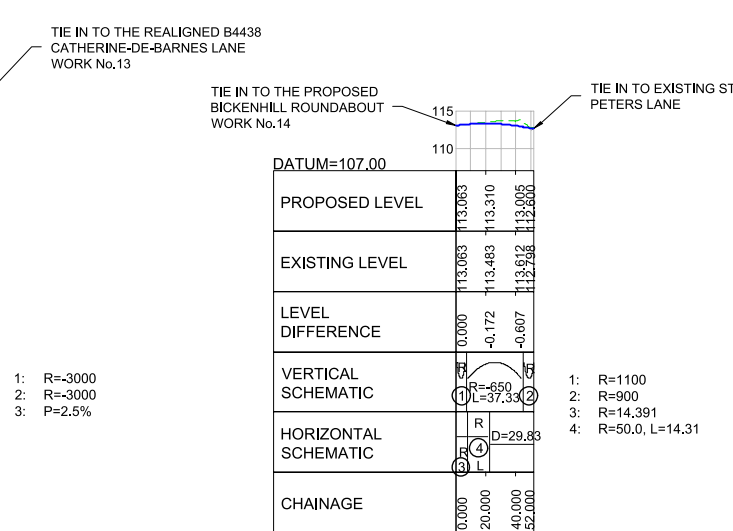
WORK No. 30(b)  
EAST WAY  
ALIGNMENT STRING NAME : MH40

LONG SECTION  
SCALE H 1:2500 V=1:500



WORK No. 17  
SHADOWBROOK LANE  
ALIGNMENT STRING NAME : MC00

LONG SECTION  
SCALE H 1:2500 V=1:500



WORK No. 18  
ST PETER'S LANE SOUTH  
ALIGNMENT STRING NAME : MD00

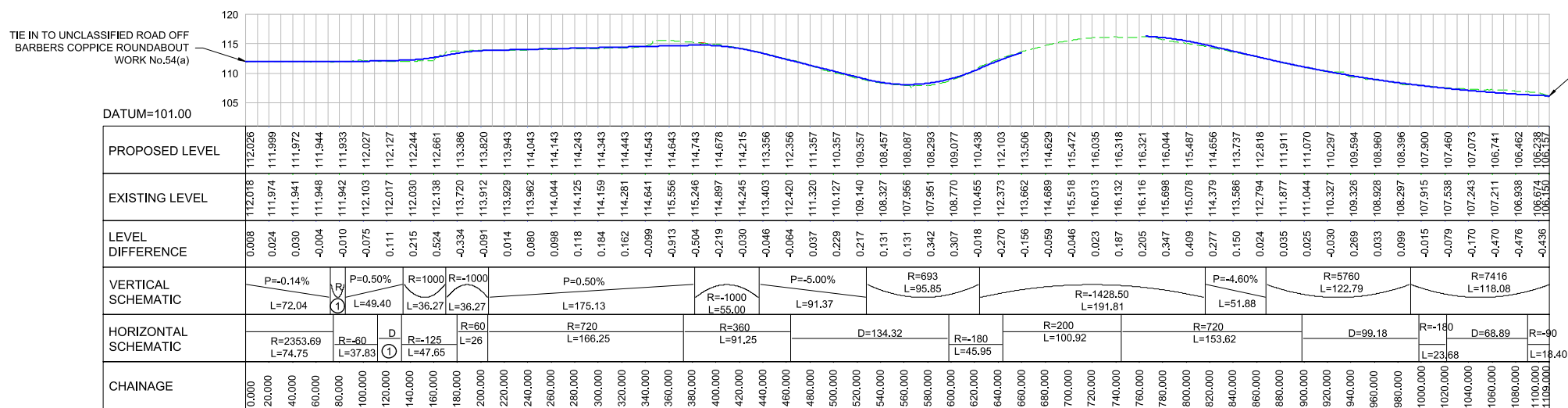
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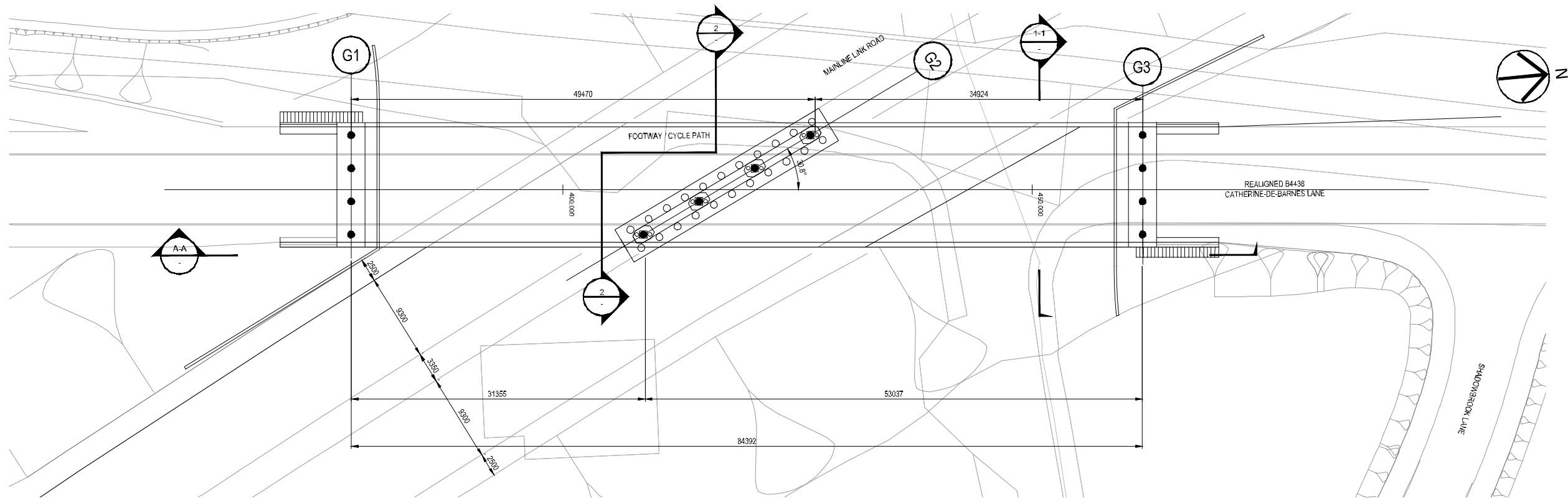
- NOTES
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LEGEND

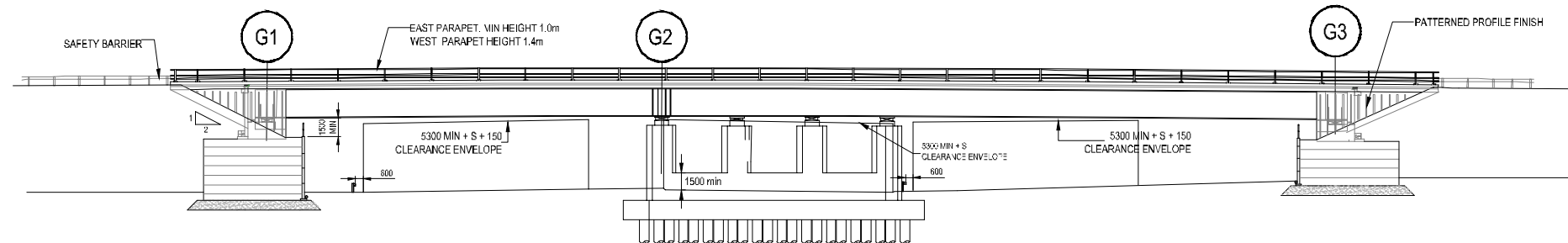
- PROPOSED LEVEL
- EXISTING LEVEL
- PROPOSED STRUCTURE

## PROPOSED PRIVATE MEANS OF ACCESS

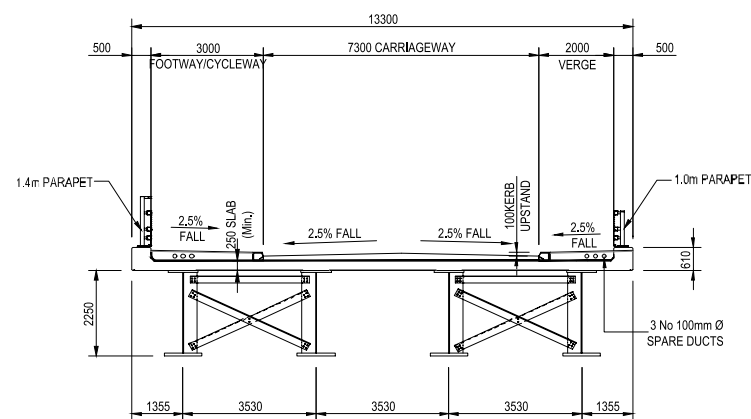




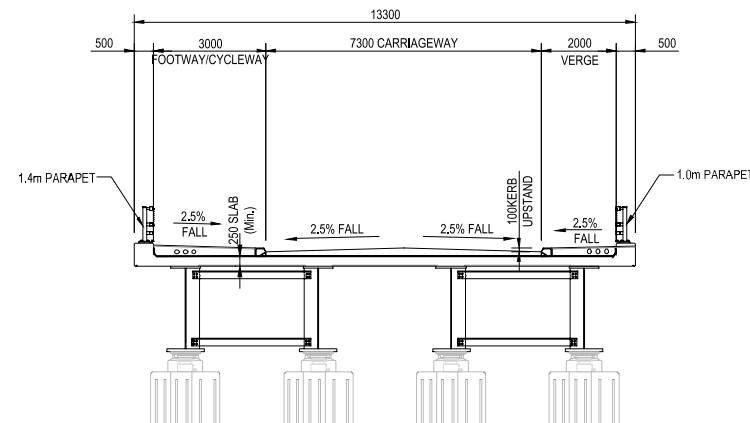
**PLAN OF CATHERINE-DE-BARNES SOUTH OVERBRIDGE**  
Scale 1:250



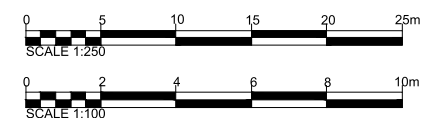
**ELEVATION A-A**  
Scale 1:250



**TYPICAL SECTION 1-1**  
Scale 1:100



**SECTION 2-2 NEAR PIER**  
Scale 1:100



- NOTES
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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

**DCO APPLICATION**

Client

Highways England

Floor 5

Two Colmore Square

38 Colmore Circus

B4 6BN

Development Consent Order Number

**TR010027**

Project Title

**M42 JUNCTION 6 IMPROVEMENT**

Drawing Title

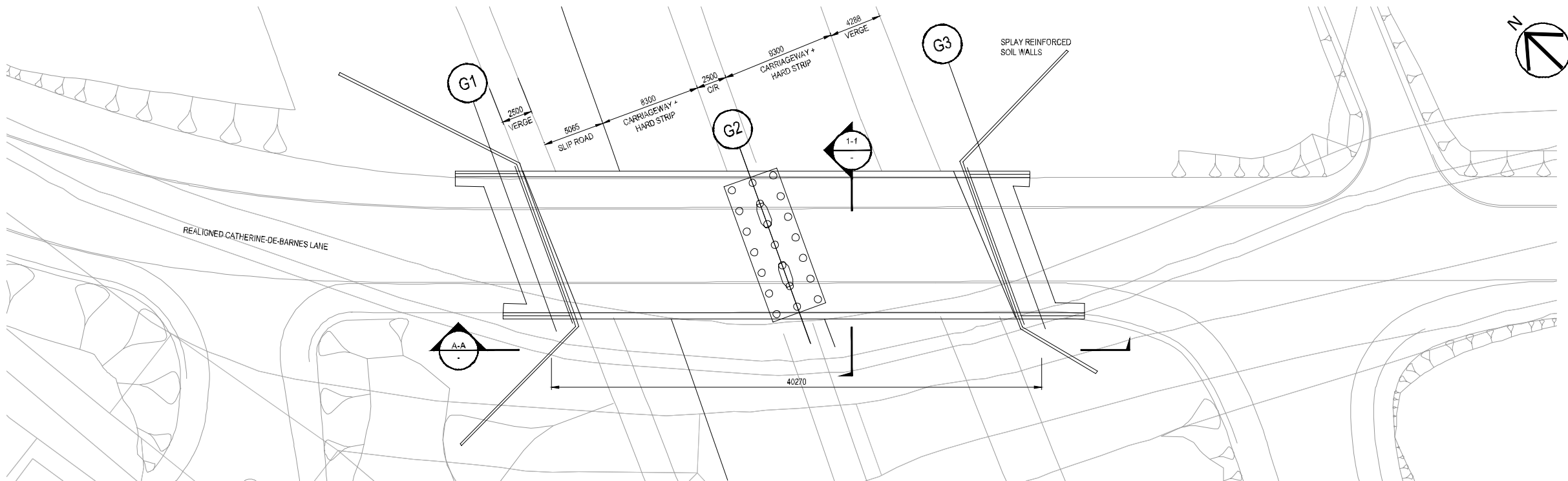
**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 1 OF 8**

Designed	Drawn	Checked	Approved	Date
CW	WC	JCH	IJB	17/12/18
Internal Project No.	Suitability			
60543032	D7			
Scale @ A1	Zone			
AS SHOWN	Scheme Wide General			

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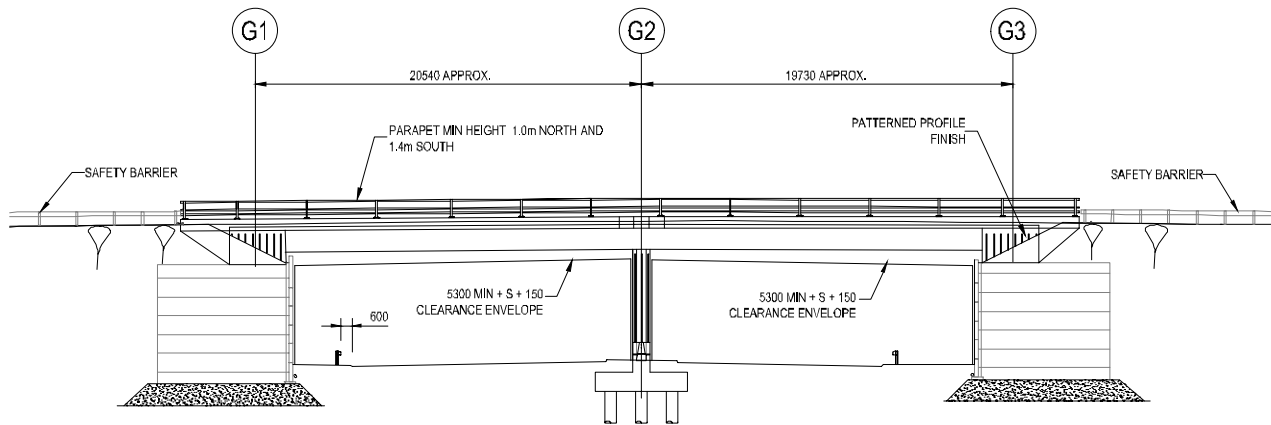
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ZZ_SW_DCO_ZZ	-DR-DC-2816		
Location	Type	Role	Number





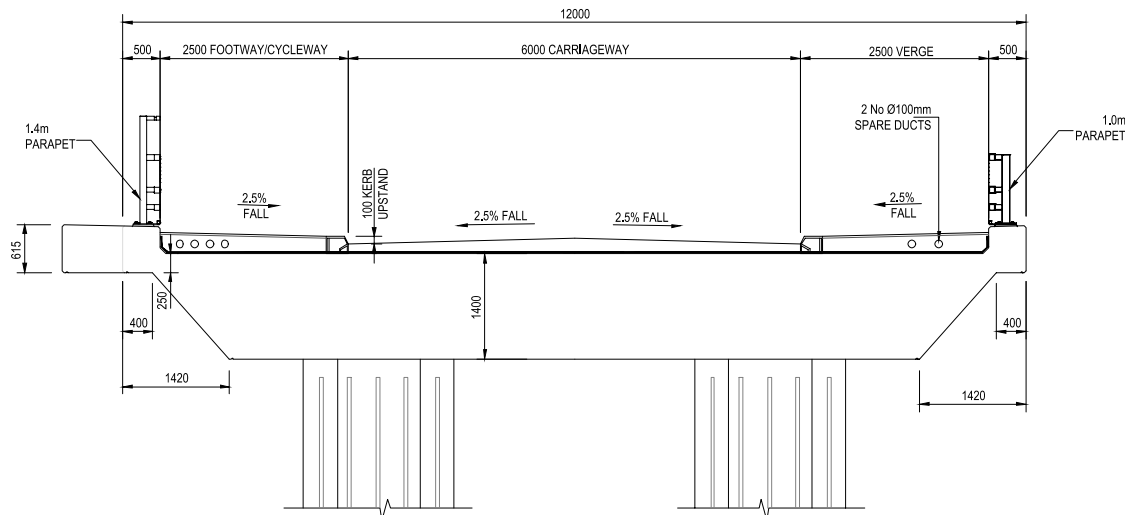
PLAN OF CATHERINE-DE-BARNES NORTH OVERBRIDGE

Scale 1:200



ELEVATION A-A

Scale 1:200



SECTION 1-1

1:50

NOTES

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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

DCO APPLICATION

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

Development Consent Order Number  
TR010027

Project Title  
M42 JUNCTION 6 IMPROVEMENT

Drawing Title  
STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 2 OF 8

Designed  
CW

Drawn  
WC

Checked  
JCH

Approved  
JJB

Date  
17/12/18

Internal Project No.  
60543032

Suitability  
D7

Scale @ A1  
AS SHOWN

Zone  
Scheme Wide General

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Drawing Number  
HE551485 -ACM -GEN-  
ZZ\_SW\_DCO\_ZZ -DR-DC-2817

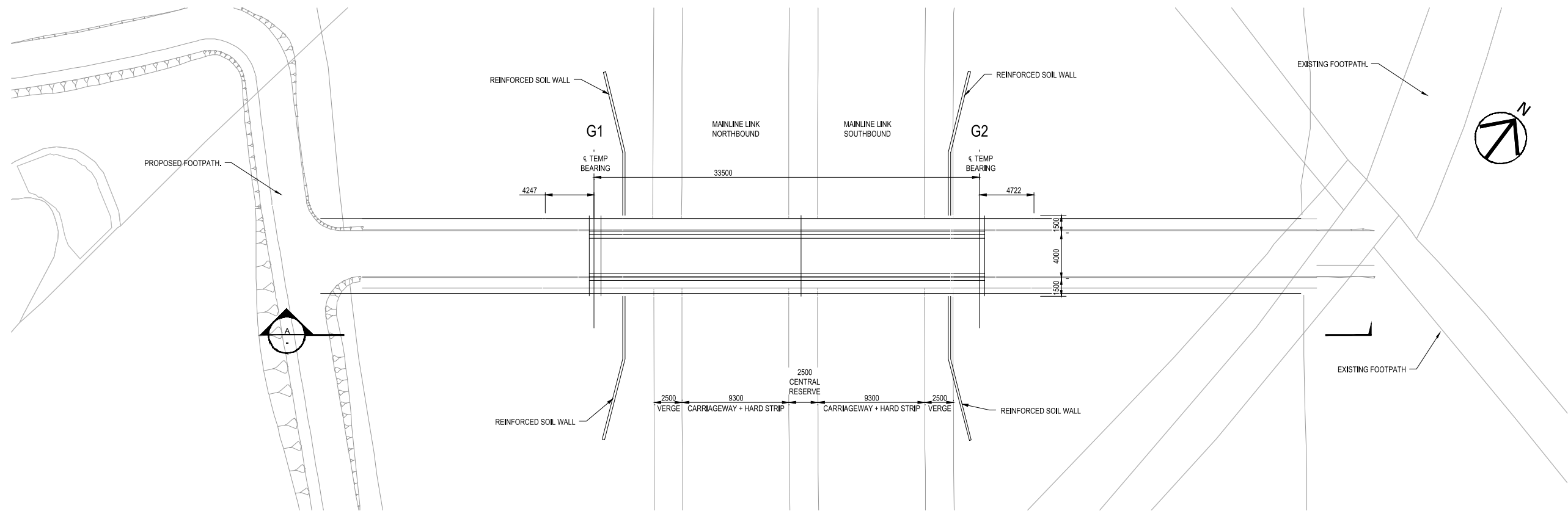
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Originator  
-ACM

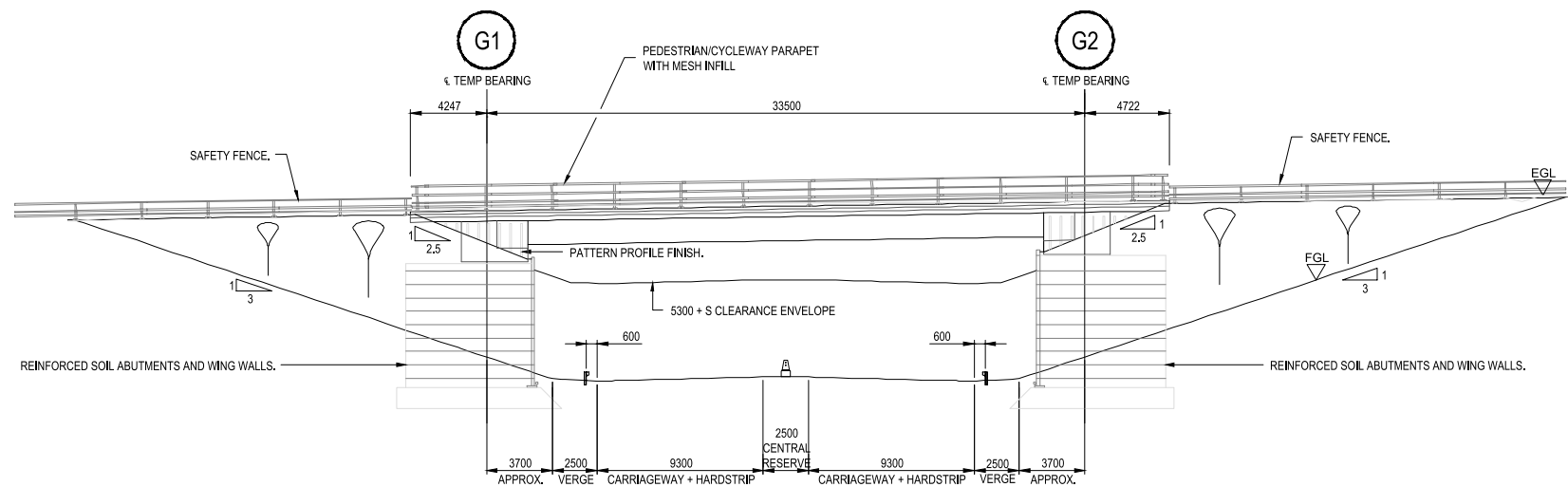
Volume  
-GEN-

Rev  
C01

Location  
Type Role Number



**PLAN OF MAINLINE LINK ROAD ACCOMMODATION OVERBRIDGE**  
1:200



**SOUTH ELEVATION A-A**  
1:200

- NOTES
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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of Issue  
**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



Development Consent Order Number  
**TR010027**

Project Title  
**M42 JUNCTION 6 IMPROVEMENT**

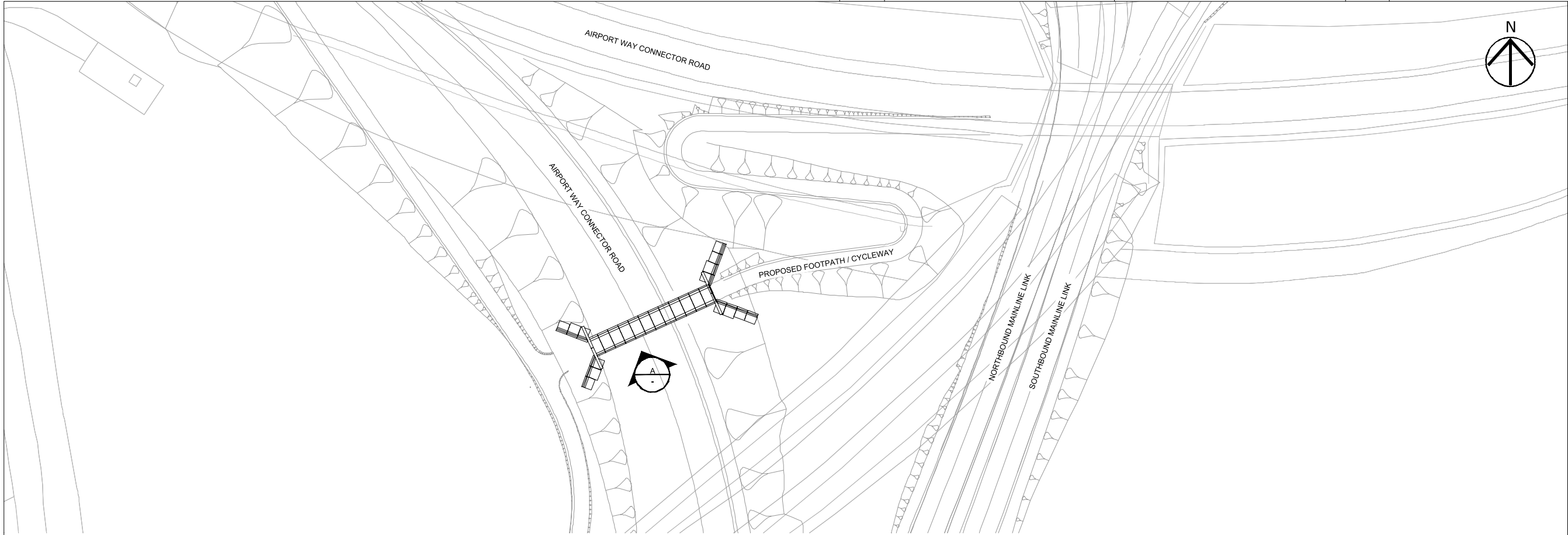
Drawing Title  
**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 3 OF 8**

Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 17/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 AS SHOWN			Zone Scheme Wide General	

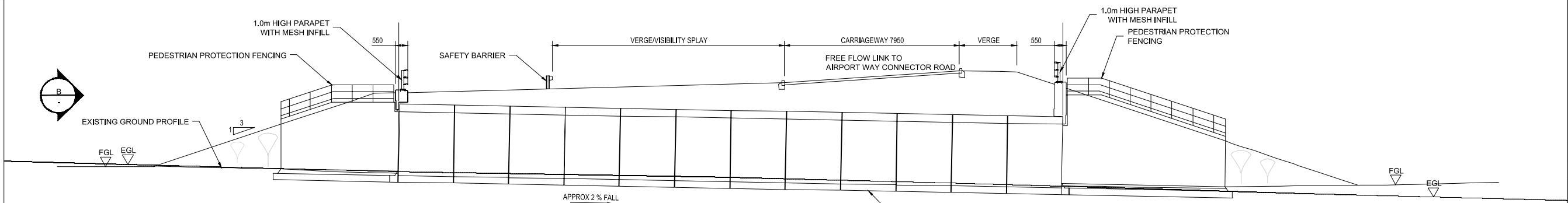
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Drawing Number HE551485	Originator -ACM	Volume -GEN-	Rev C01
Location ZZ_SW_DCO_ZZ	Type -DR-DC-2818	Role Number	

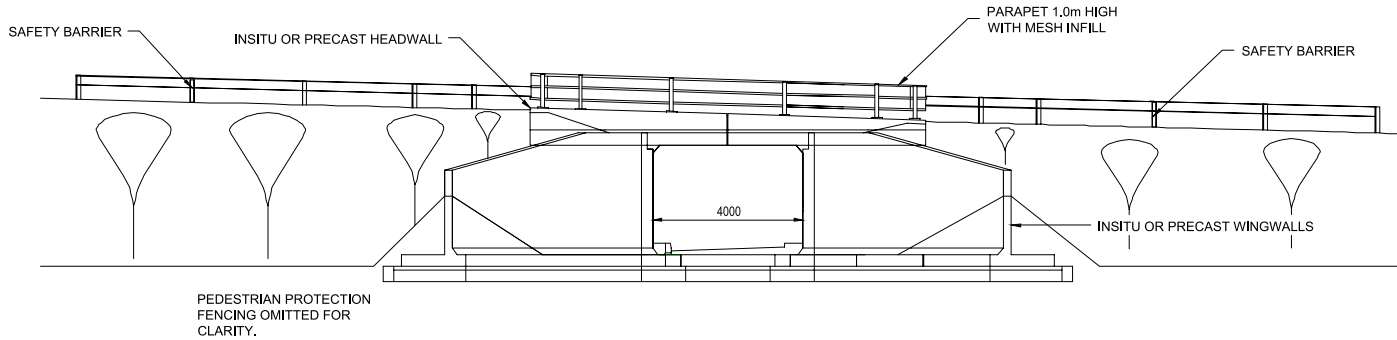




**PLAN OF PEDESTRIAN UNDERPASS**  
1:500



**SOUTH ELEVATION - A**  
1:100



**ELEVATION - B**  
1:100

- NOTES
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First Issue	WC	17/12/18	C01
Revision Details	By	Check	Date
	LB		

Purpose of Issue

**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

Development Consent Order Number  
**TR010027**

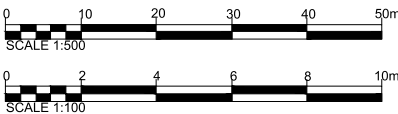
Project Title  
**M42 JUNCTION 6 IMPROVEMENT**

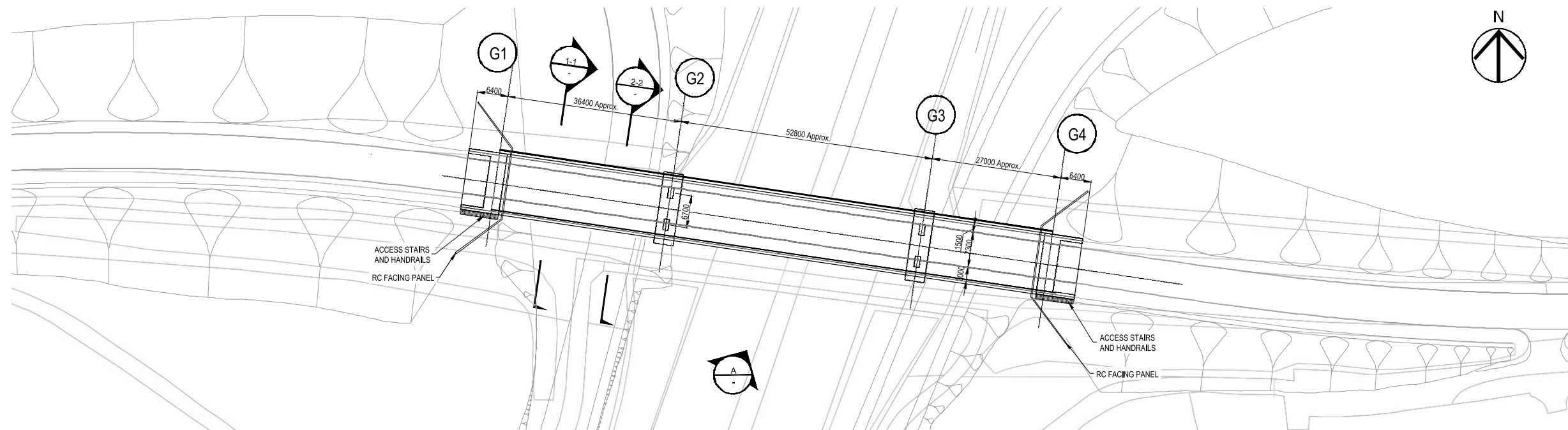
Drawing Title  
**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 4 OF 8**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 17/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 AS SHOWN			Zone Scheme Wide General	

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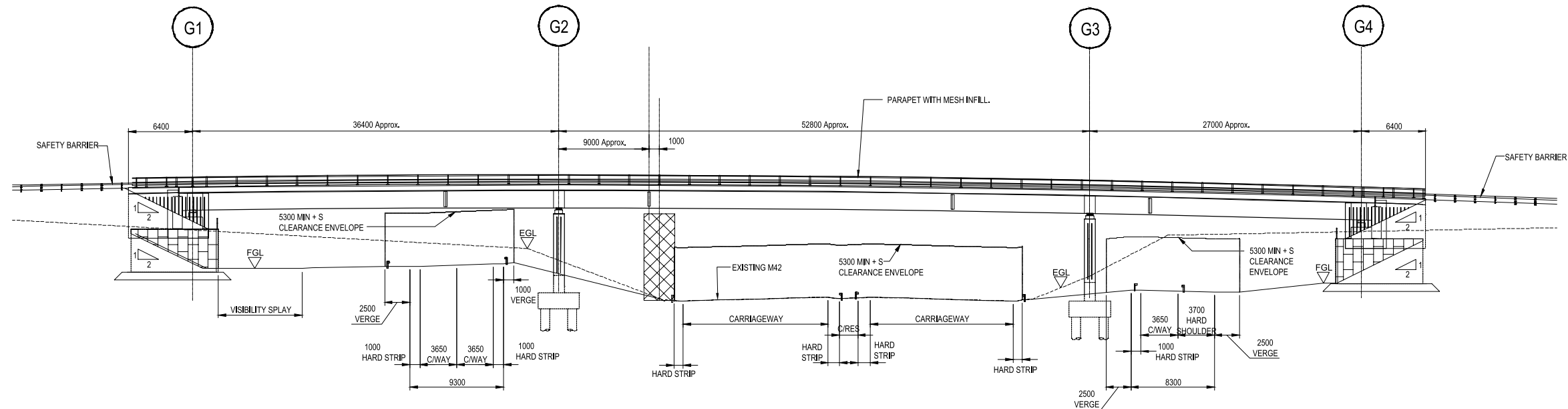
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Location ZZ_SW_DCO_ZZ -DR-DC-2819			Type 1





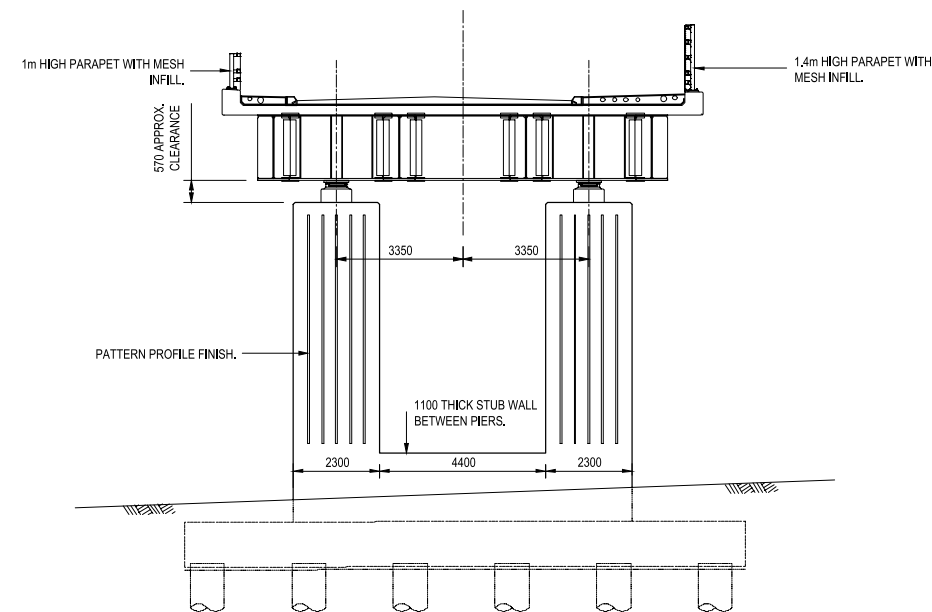
**PLAN OF B4102 SOLIHULL ROAD OVERBRIDGE**

1:500



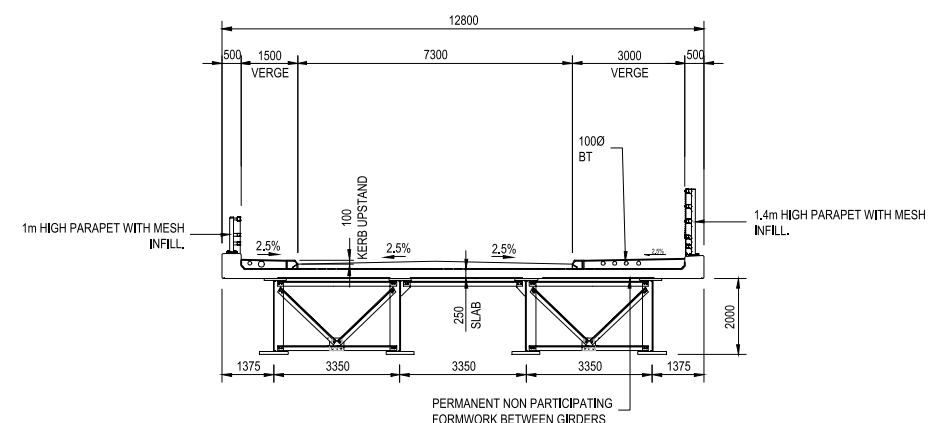
**SOUTH ELEVATION A**

1:250



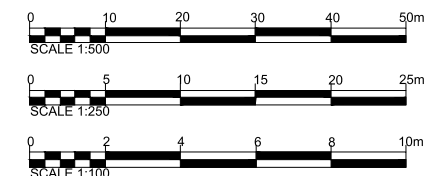
**TYPICAL SECTION 2-2**

1:100



**TYPICAL SECTION 1-1**

1:100



**NOTES**

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First Issue	WC	17/12/18	C01
Revision Details	By	Check	Date
	LB		

Purpose of Issue

**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



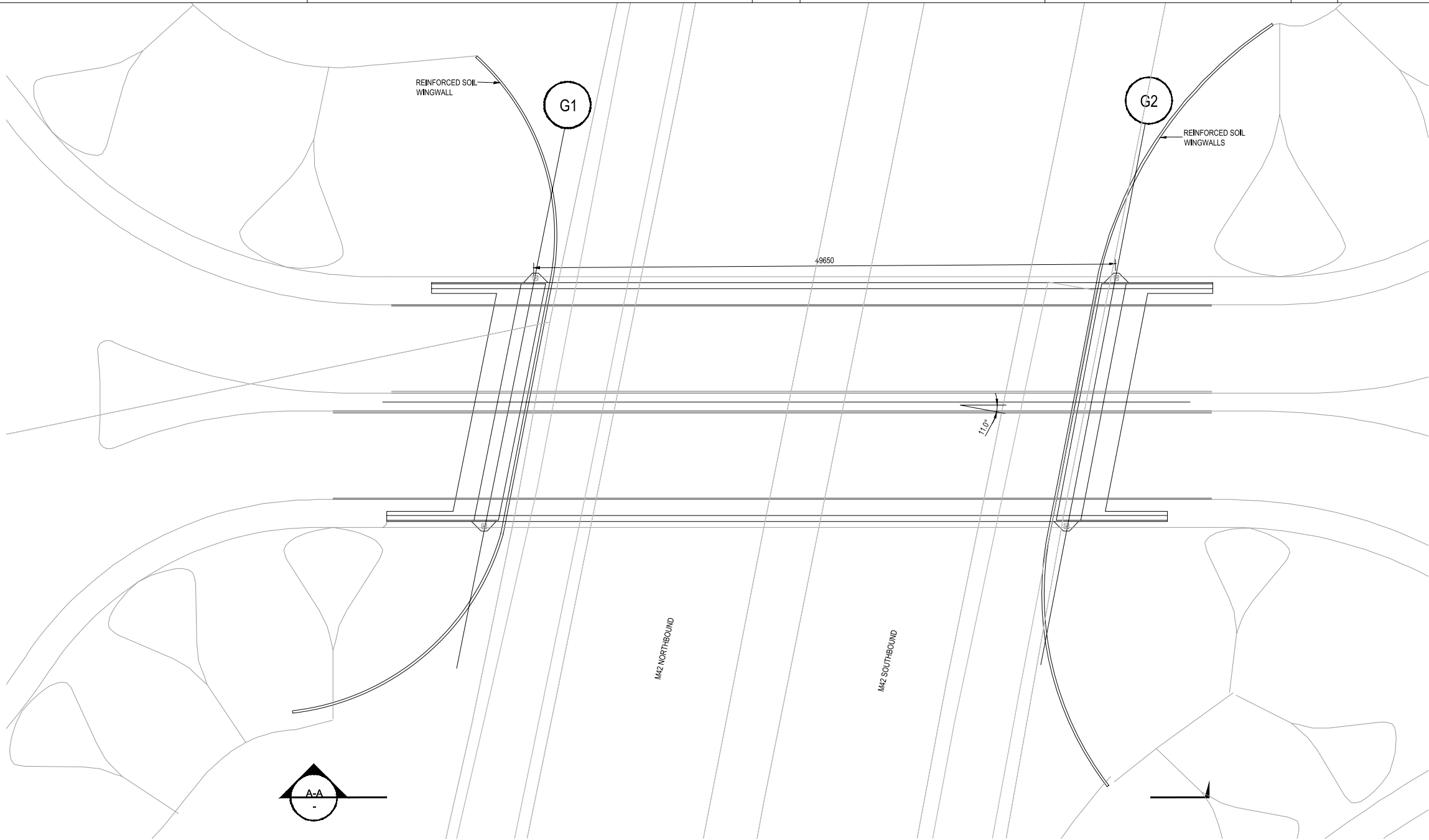
Development Consent Order Number  
**TR010027**

Project Title  
**M42 JUNCTION 6 IMPROVEMENT**

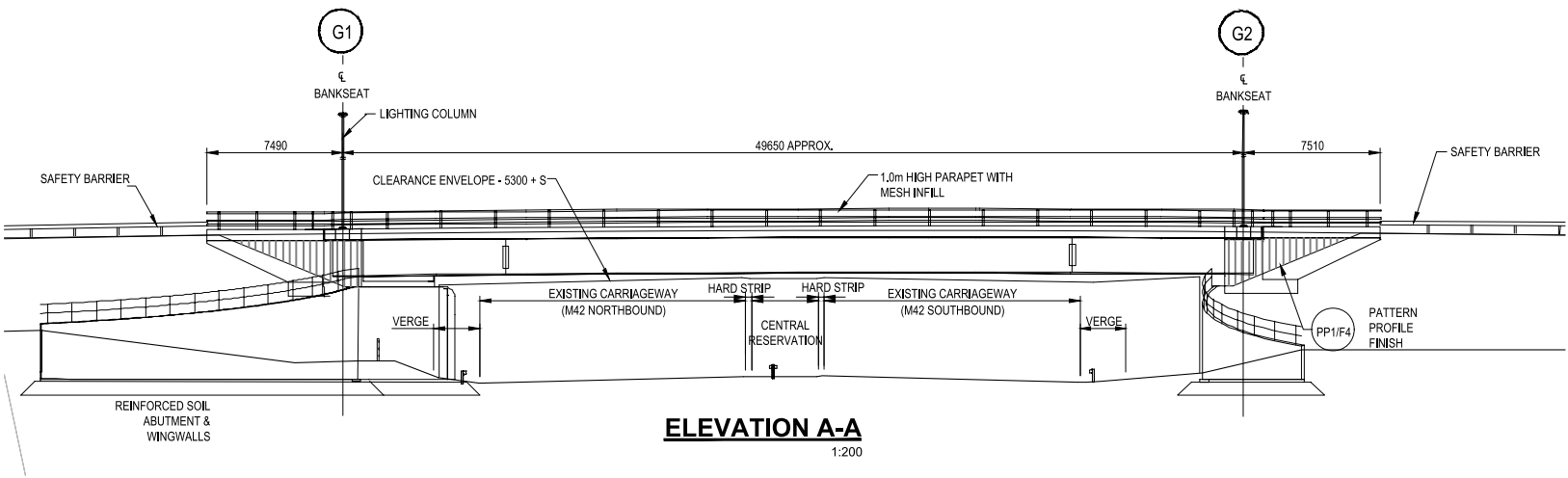
Drawing Title  
**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 5 OF 8**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 17/12/18
Internal Project No. 60543032	Suitability D7	Scale @ A1 AS SHOWN	Zone Scheme Wide General	
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Drawing Number HE551485 -ACM	Originator -GEN-	Volume ZZ_SW_DCO_ZZ	Rev -DR-DC-2820	C01
Location	Type	Role	Number	





PLAN OF JUNCTION 5A OVERBRIDGE  
1:200



ELEVATION A-A  
1:200



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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of issue  
**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN



Development Consent Order Number  
**TR010027**

Project Title  
**M42 JUNCTION 6 IMPROVEMENT**

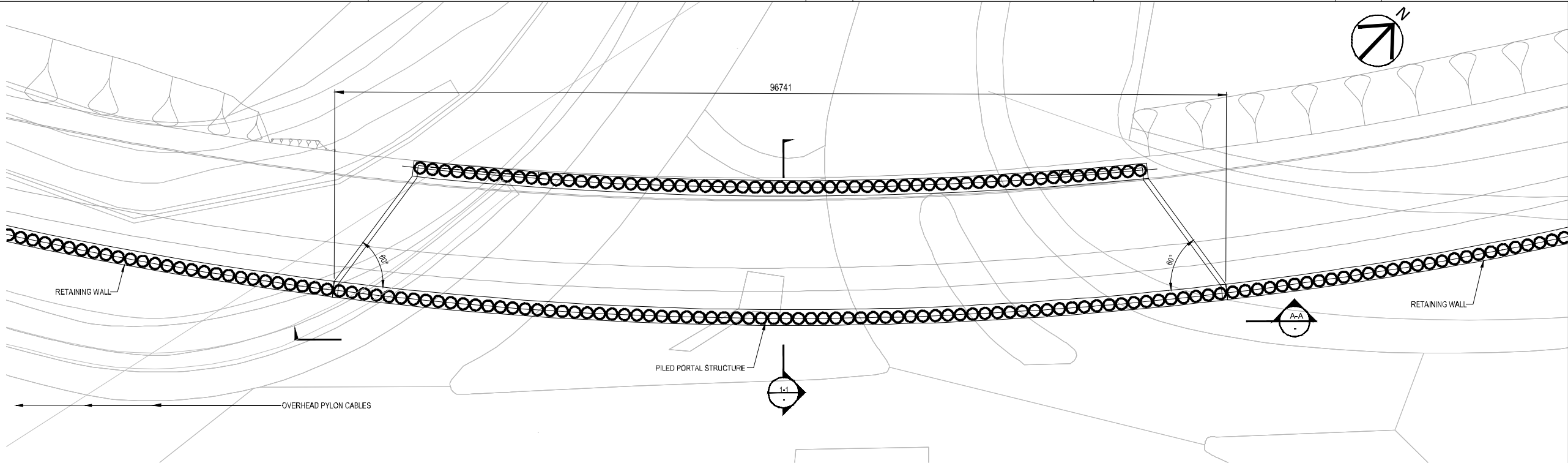
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**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 6 OF 8**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 17/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 AS SHOWN			Zone Scheme Wide General	

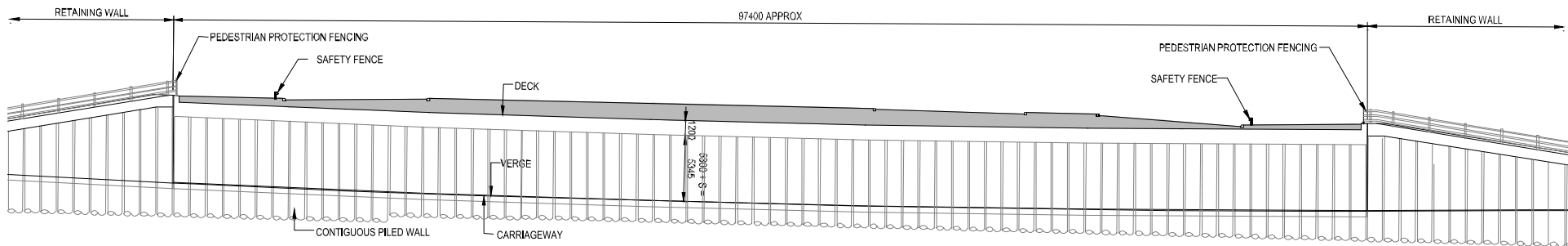
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Drawing Number HE551485 -ACM ZZ_SW_DCO_ZZ	Originator -GEN- -DR-DC-2821	Volume -GEN- -DR-DC-2821	Rev C01
Location	Type	Role	Number

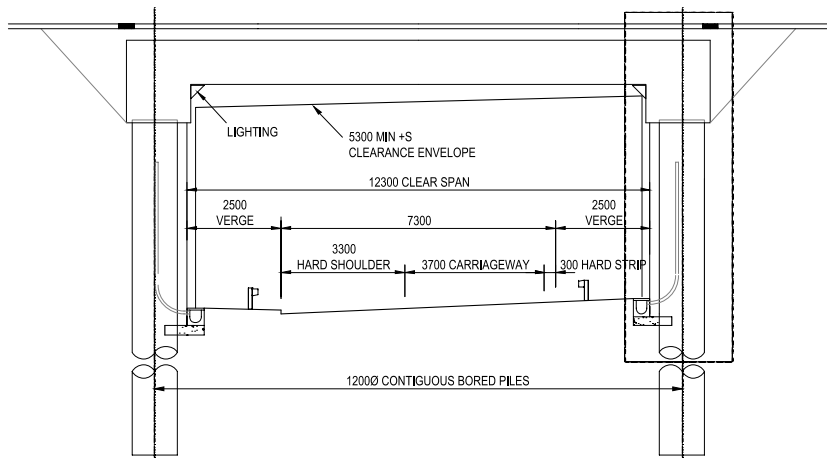




**PLAN OF A45 EASTBOUND TO M42 NORTHBOUND FREE FLOW LINK UNDERPASS**  
1:250



**ELEVATION A-A**  
1:250



**SECTION 1-1**  
1:100

- NOTES
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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of Issue

**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

**highways  
england**

Development Consent Order Number

**TR010027**

Project Title

**M42 JUNCTION 6  
IMPROVEMENT**

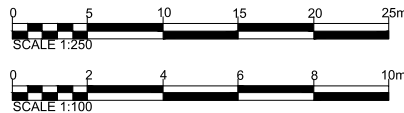
Drawing Title

**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 7 OF 8**

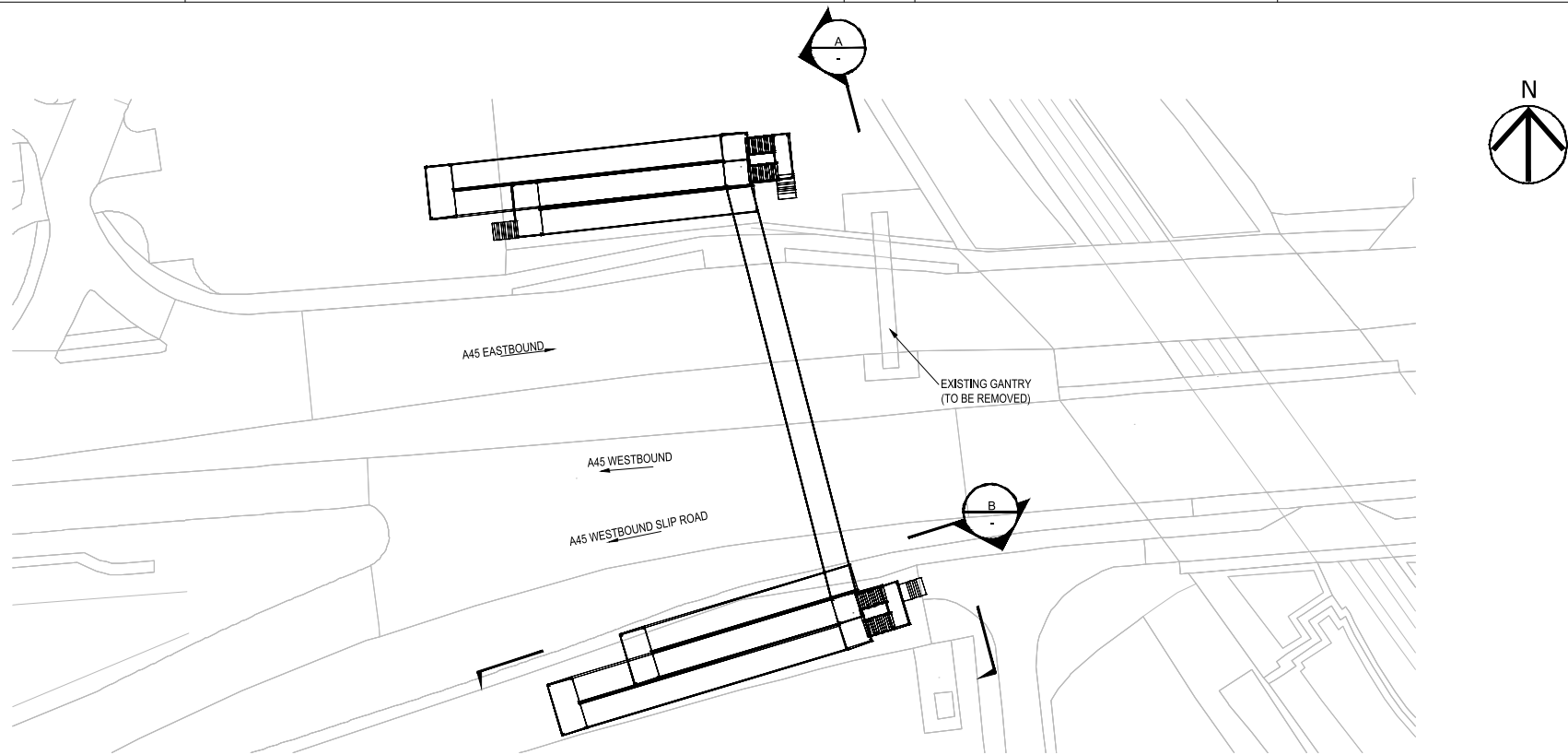
Designed CW	Drawn WC	Checked JCH	Approved IJB	Date 17/12/18
Internal Project No. 60543032	Suitability D7	Zone AS SHOWN	Scheme Wide General	

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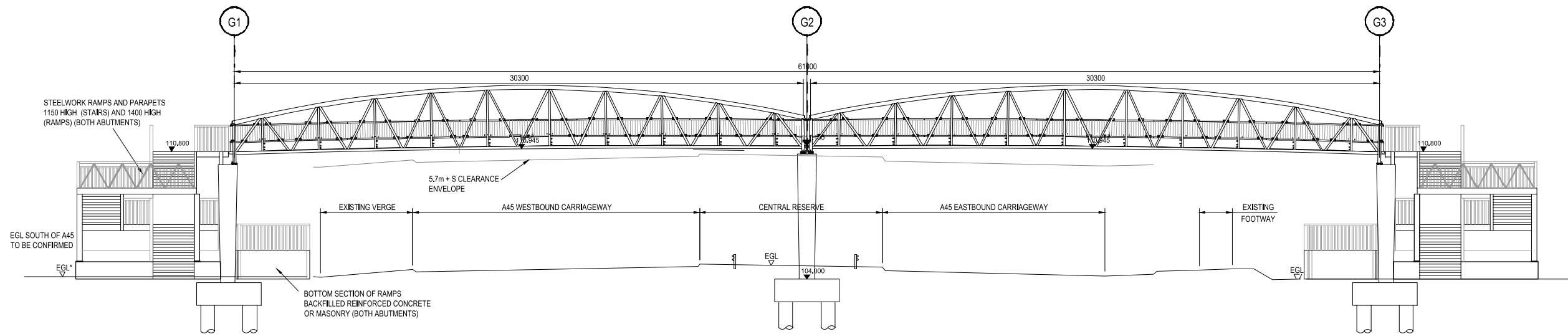
Drawing Number HE551485 -ACM	Originator -GEN-	Volume ZZ_SW_DCO_ZZ	Rev C01
Location ZZ_SW_DCO_ZZ	Type -DR-DC-2822	Role Number	



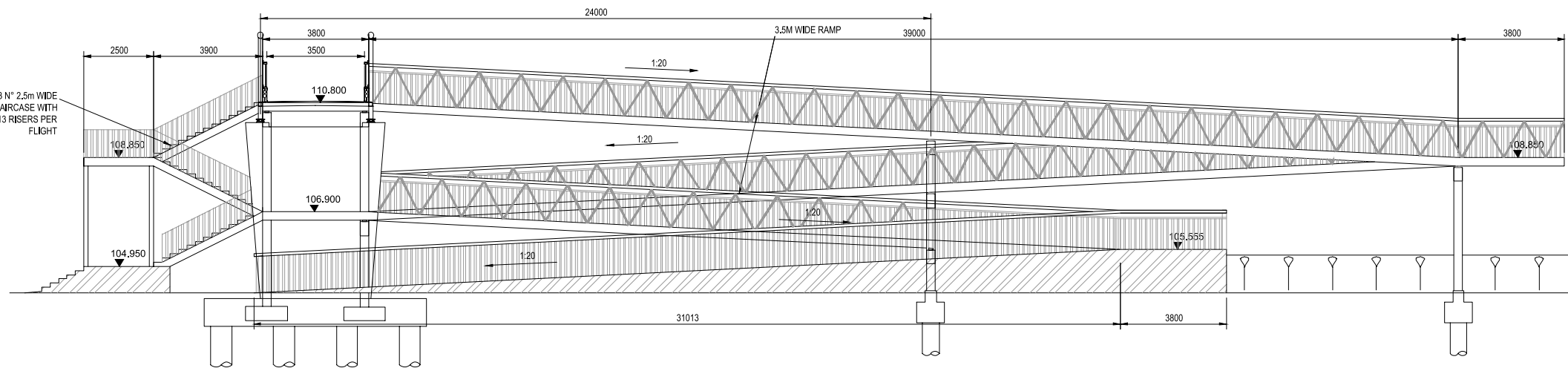
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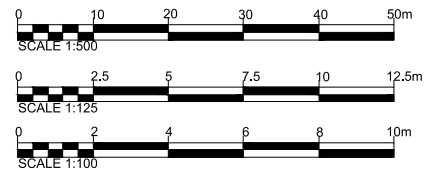
**PLAN OF A45 PEDESTRIAN OVERBRIDGE**  
Scale 1:500



**ELEVATION A-A**  
1:125



**ELEVATION B-B**  
1:100



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First Issue	WC	17/12/18	C01
Revision Details	By	Date	Suffix
	Check		

Purpose of issue

**DCO APPLICATION**

Client  
Highways England  
Floor 5  
Two Colmore Square  
38 Colmore Circus  
B4 6BN

**highways**  
england

Development Consent Order Number

**TR010027**

Project Title

**M42 JUNCTION 6 IMPROVEMENT**

Drawing Title

**STRUCTURE ENGINEERING  
DRAWINGS AND SECTIONS  
REGULATION 5(2)(o)  
SHEET 8 OF 8**

Designed CW	Drawn WC	Checked JCH	Approved LJB	Date 17/12/18
Internal Project No. 60543032			Suitability D7	
Scale @ A1 AS SHOWN			Zone Scheme Wide General	

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Drawing Number HE551485 -ACM -GEN- ZZ_SW_DCO_ZZ -DR-DC-2823	Originator I Type I Role I Number	Volume -ACM -GEN- -DR-DC-2823	Rev C01
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