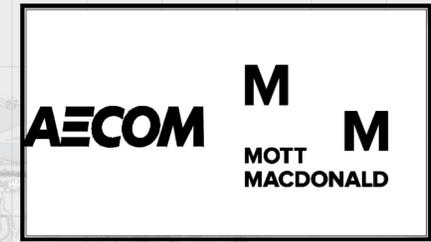


Bridges and Major Retaining Structures





BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

BRIDGES & RETAINING STRUCTURES

DRAWING SERIES NUMBER(S)

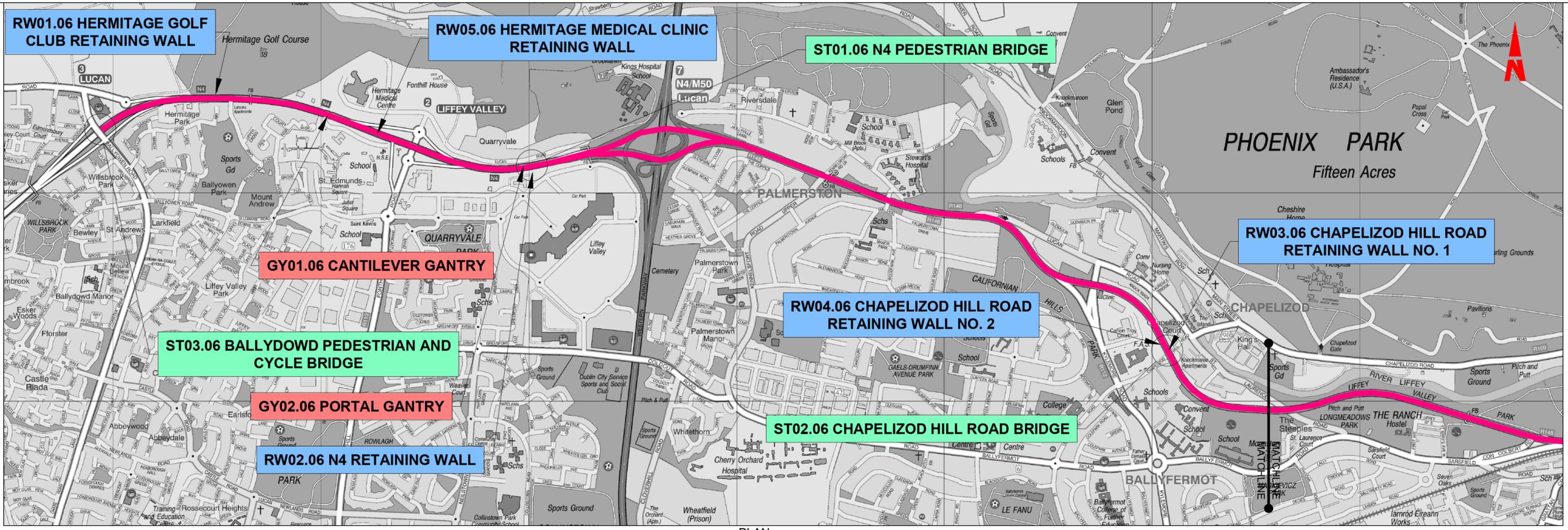
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- BCIDA-ACM-STR_GA-0006_BR_01-DR-CB-0102
- BCIDA-ACM-STR_GA-0006_BR_01-DR-CB-0103
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- BCIDA-ACM-STR_GA-0006_BR_03-DR-CB-0103
- BCIDA-ACM-STR_GA-0006_BR_06-DR-CB-0101
- BCIDA-ACM-STR_GA-0006_RW_01-DR-CB-0101
- BCIDA-ACM-STR_GA-0006_RW_02-DR-CB-0101
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- BCIDA-ACM-STR_GA-0006_RW_06-DR-CB-0101
- BCIDA-ACM-STR_GA-0006_RW_06-DR-CB-0111
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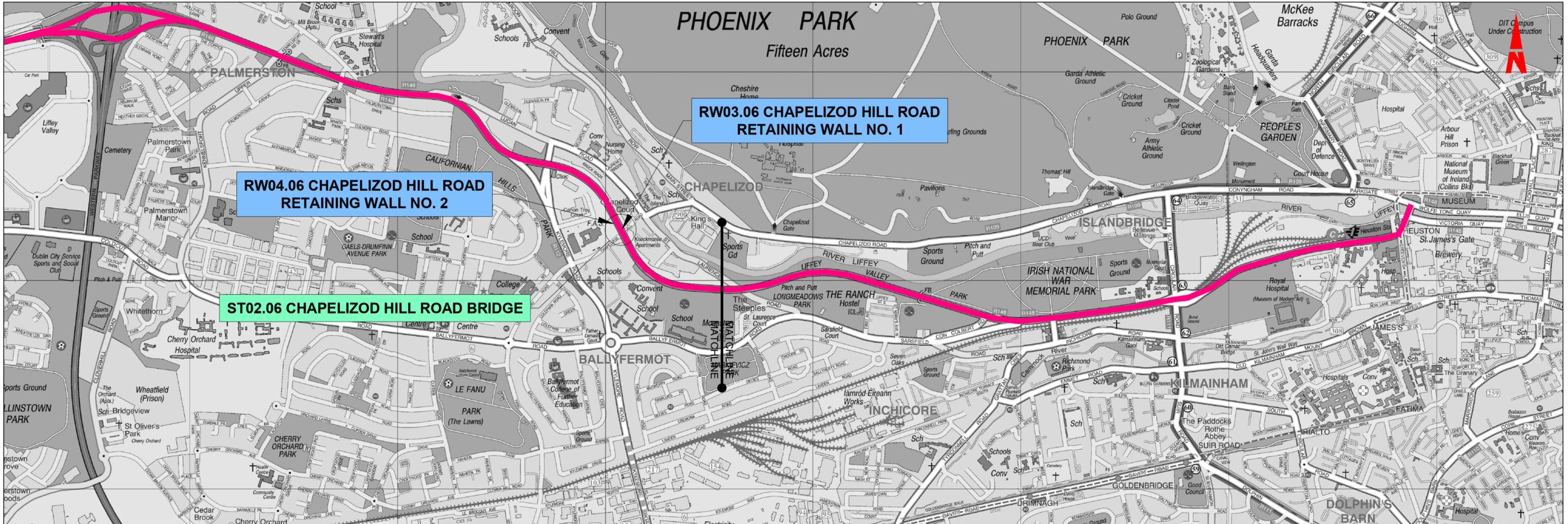
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- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. BRIDGES & RETAINING STRUCTURES. KEYPLAN
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST03.06 BALLYDOWD PEDESTRIAN AND CYCLE BRIDGE. PLAN
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST03.06 BALLYDOWD PEDESTRIAN AND CYCLE BRIDGE. DETAILS
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST03.06 BALLYDOWD PEDESTRIAN AND CYCLE BRIDGE. DETAILS
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST01.06 N4 PEDESTRIAN BRIDGE. PLAN
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST01.06 N4 PEDESTRIAN BRIDGE. DETAILS
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST01.06 N4 PEDESTRIAN BRIDGE. DETAILS
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ST02.06 CHAPELIZOD HILL ROAD BRIDGE. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. RW01.06 HERMITAGE GOLF CLUB RETAINING WALL. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. RW05.06 HERMITAGE MEDICAL CLINIC RETAINING WALL. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. RW02.06 N4 RETAINING WALL. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. RW03.06 CHAPELIZOD HILL RETAINING WALL NO.1. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. RW04.06 CHAPELIZOD HILL RETAINING WALL NO.2. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GY01.06 CANTILEVER GANTRY. GENERAL ARRANGEMENT
- LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GY02.06 PORTAL GANTRY. GENERAL ARRANGEMENT

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PLAN



PLAN Cont'd

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Project Ireland 2040
 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

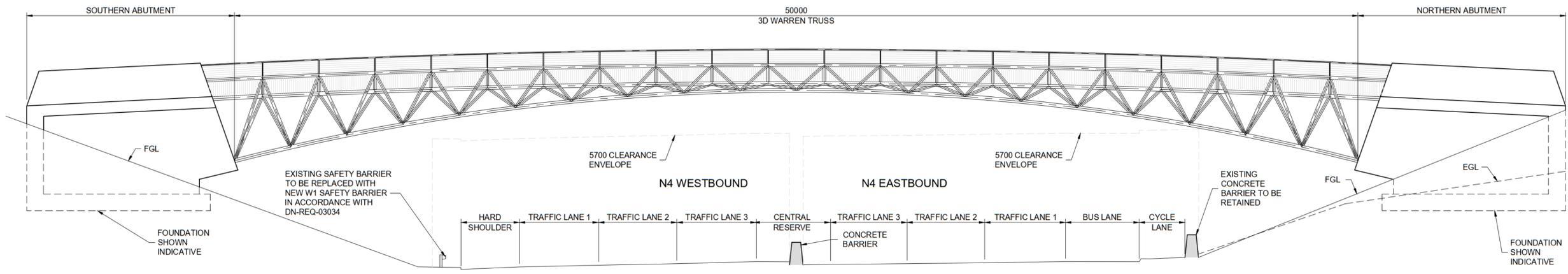
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Project Code: BCIDA
 Originator Code: ACM

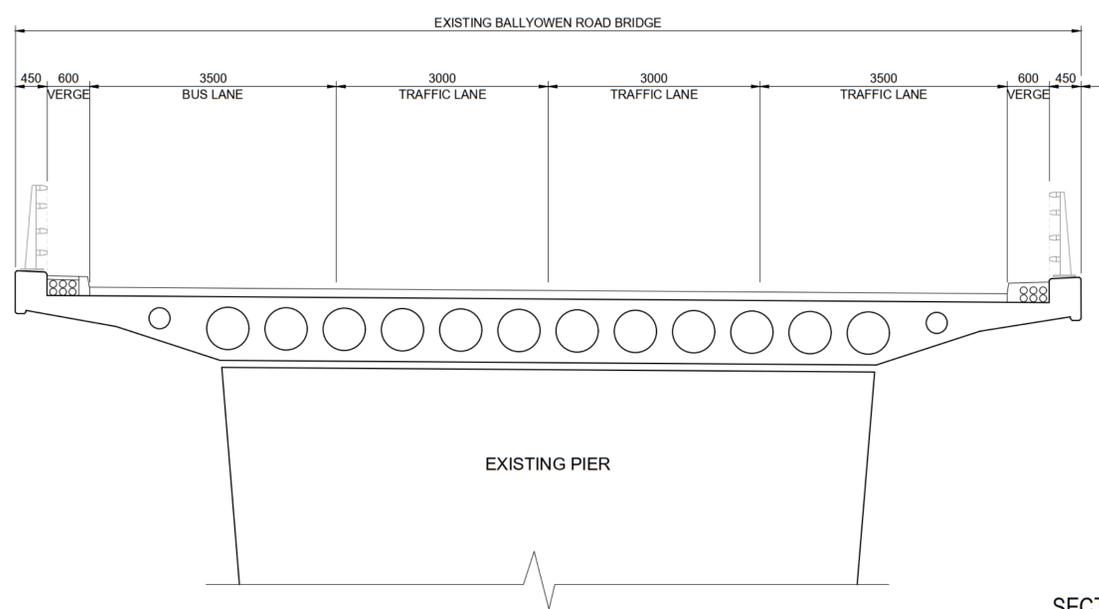
Drawn: A.COSTELLO
 Checked: A.T.DALE
 Approved: C.ACTON

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME BRIDGES & RETAINING STRUCTURES KEY PLAN			
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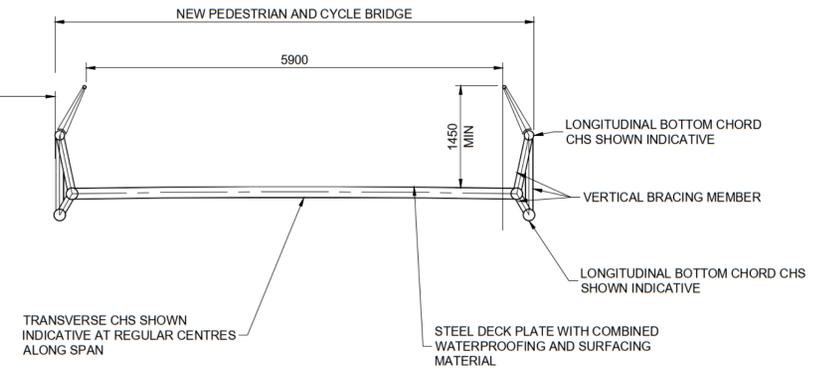
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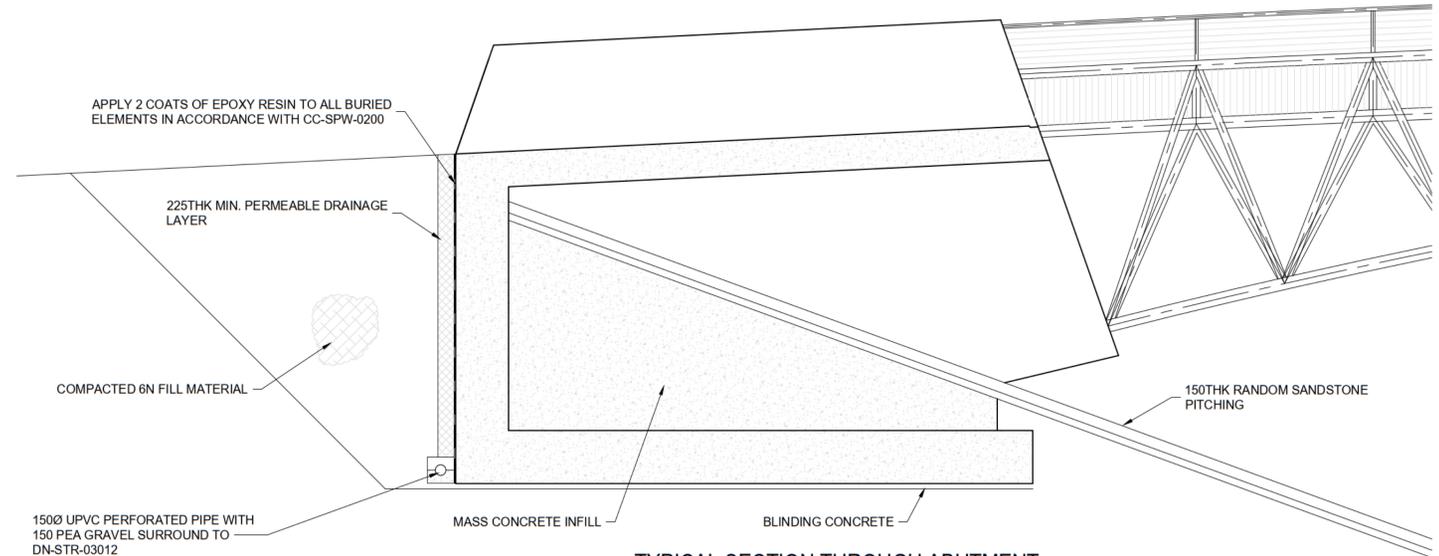
ELEVATION A-A
1:100 @ A1
1:200 @ A3



SECTION 1-1
1:50 @ A1
1:100 @ A3



ELEVATION B-B
1:50 @ A1
1:100 @ A3



TYPICAL SECTION THROUGH ABUTMENT
1:50 @ A1
1:100 @ A3

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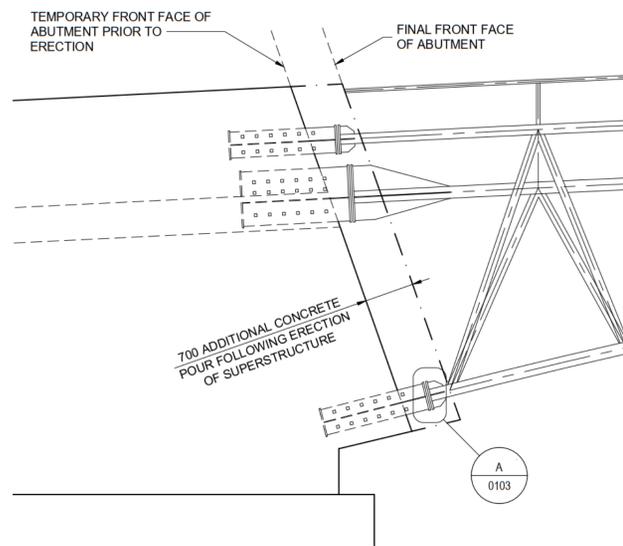
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NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
AECOM **MOTT MACDONALD**

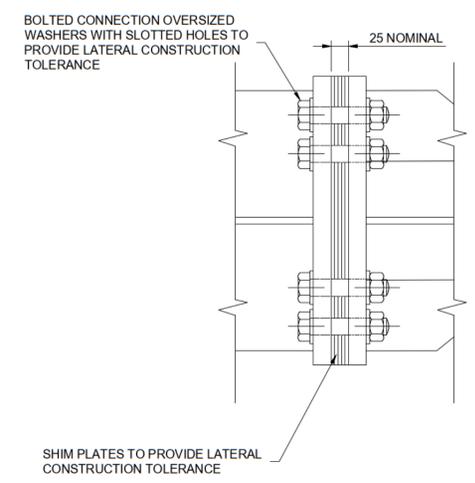
Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDA	ACM			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST03.06 BALLYDOWD PEDESTRIAN & CYCLE BRIDGE DETAILS			
Drawing File Name	Sheet Number	Status	Rev
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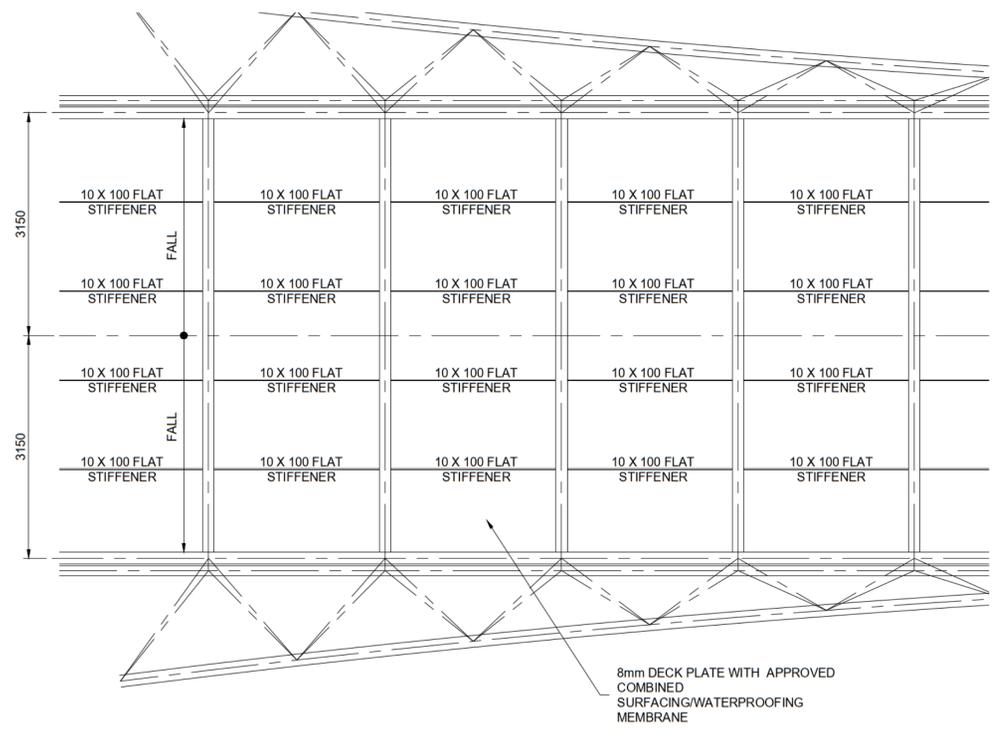
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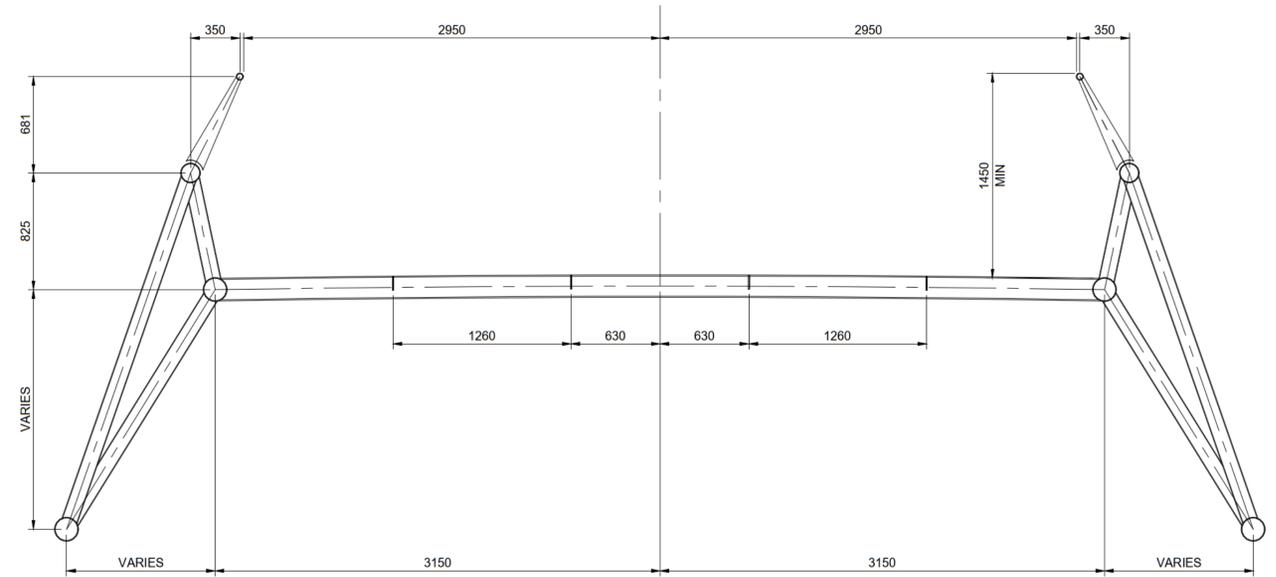
ELEVATION ON ABUTMENT
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1:100 @ A3



DETAIL A
1:5 @ A1
1:10 @ A3



TYPICAL PLAN VIEW OF DECK PLATE
1:50 @ A1
1:100 @ A3



TYPICAL SECTION THROUGH DECK PLATE
1:25 @ A1
1:50 @ A3

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Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22
Scale: AS SHOWN @ A1 AS SHOWN @ A3

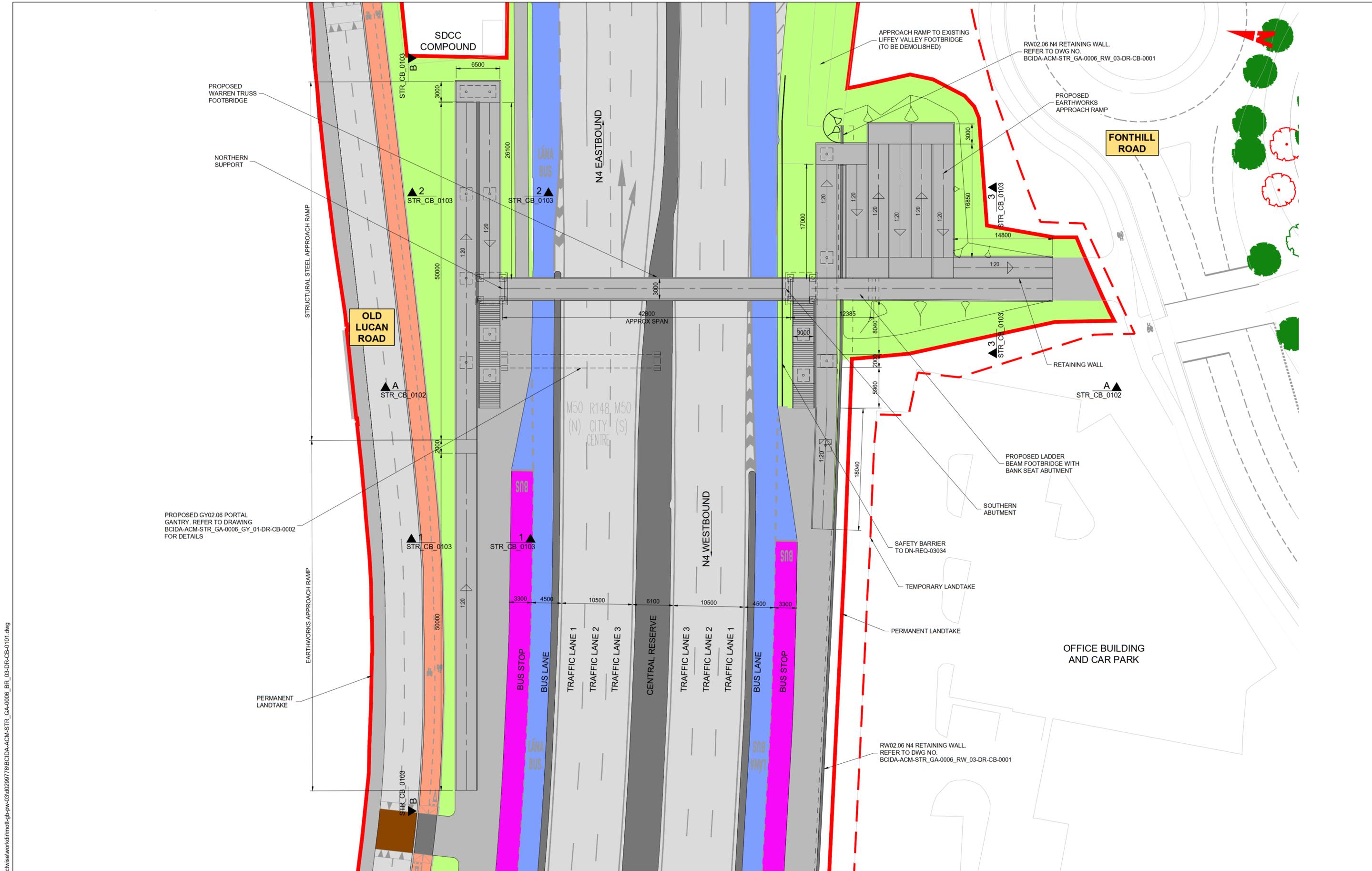
Project Code: BCIDA
Originator Code: ACM

Drawn: A.COSTELLO
Checked: A.T.DALE
Approved: C.ACTON

QMS Code:

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST03.06 BALLYDOWD PEDESTRIAN & CYCLE BRIDGE DETAILS			
Drawing File Name BCIDA-ACM-STR_GA-0006_BR_01-DR-CB-0103	Sheet Number 2 of 2	Status	Rev M01

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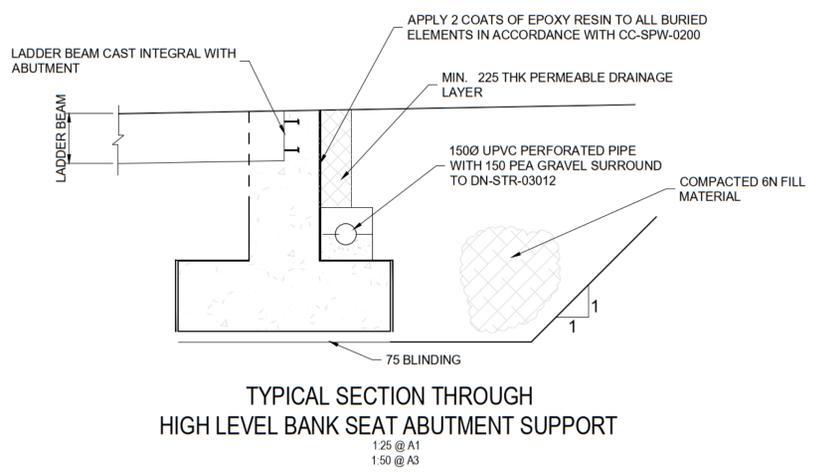
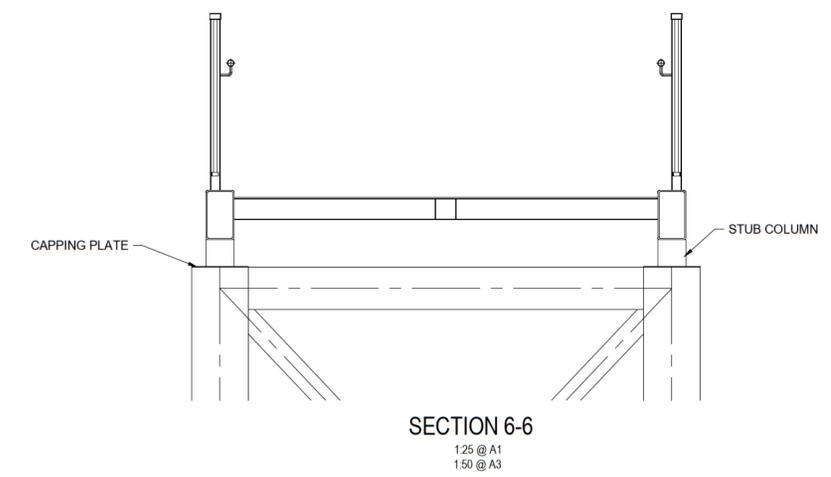
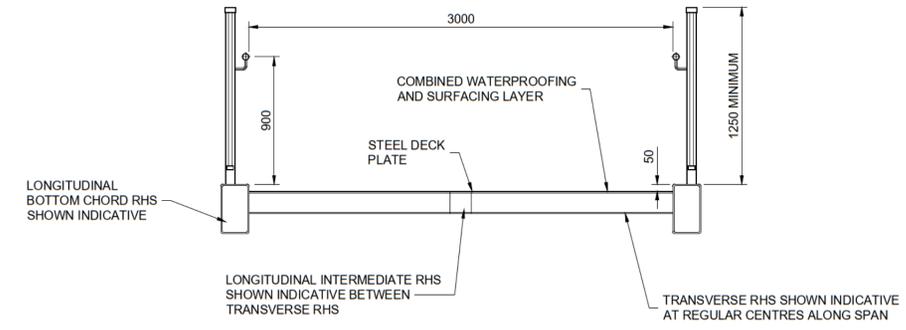
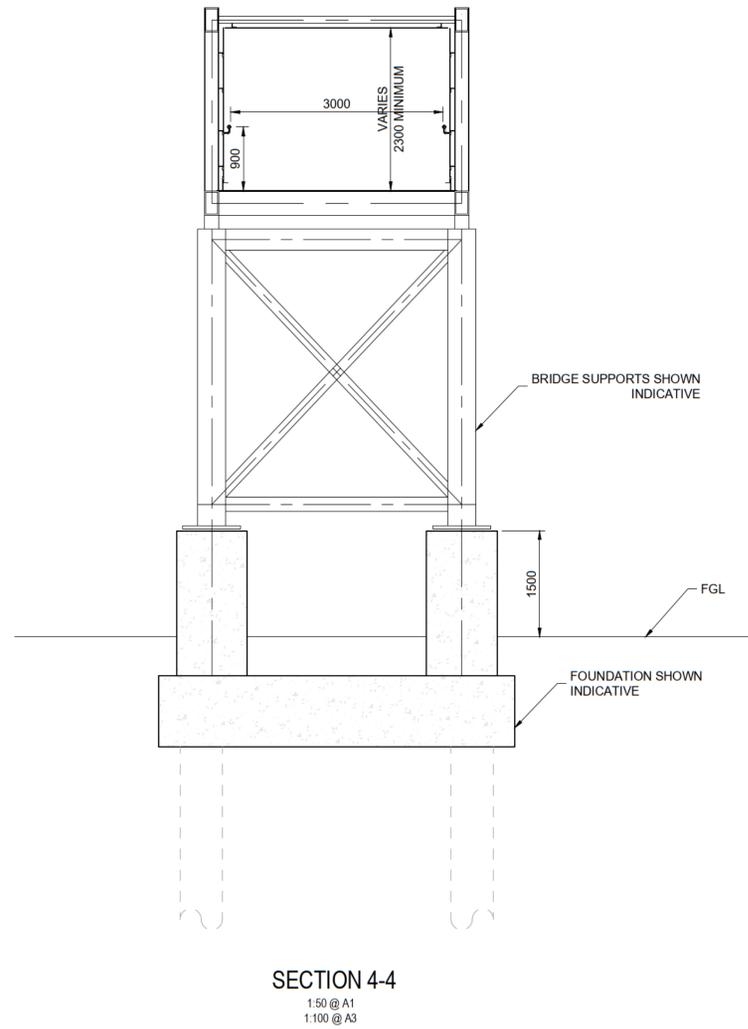
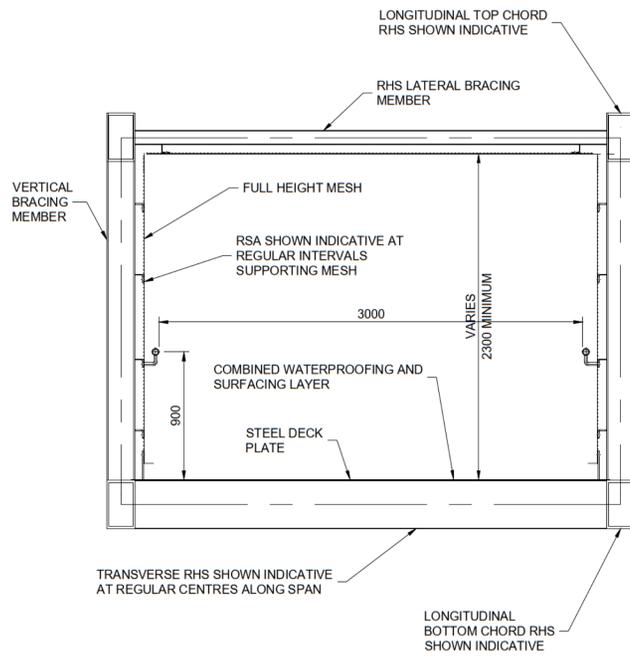
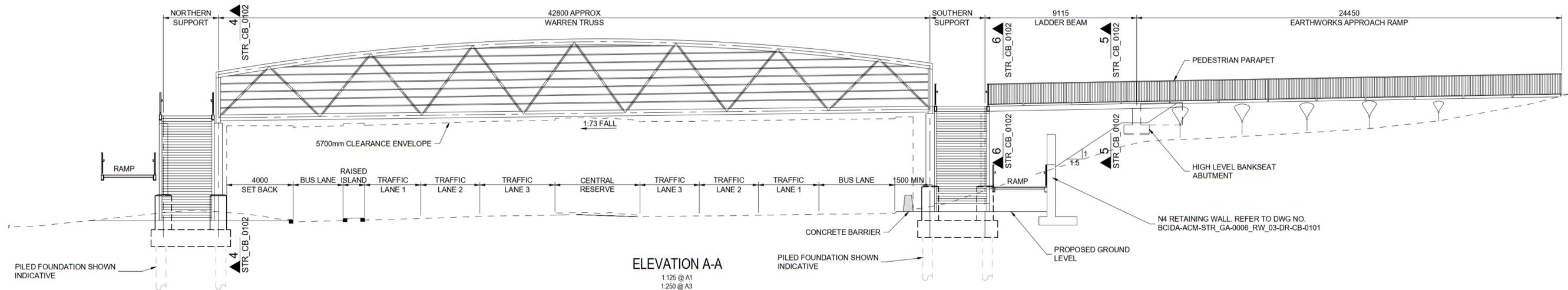
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 Drawn: A.COSTELLO, Checked: A.T.DALE, Approved: C.ACTON

Project Code: BCIDA, Originator Code: ACM, QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST01.06 N4 PEDESTRIAN BRIDGE PLAN			
Drawing File Name: BCIDA-ACM-STR_GA-0006_BR_03-DR-CB-0101	Sheet Number: 1 of 1	Status:	Rev: M01

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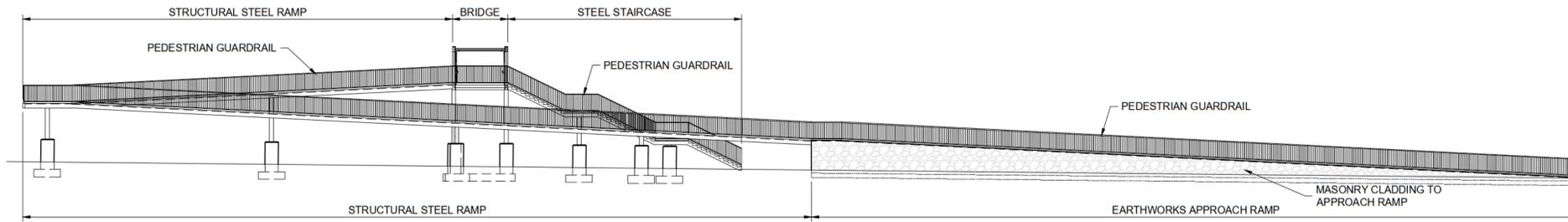


Rev	Date	Dm	Chk'd	App'd	Description
M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer AECOM MOTT MACDONALD	
Date 29/09/22	Scale AS SHOWN @ A1 AS SHOWN @ A3	Drawn A.COSTELLO	Checked A.T.DALE
Project Code BCIDA	Originator Code ACM	QMS Code	

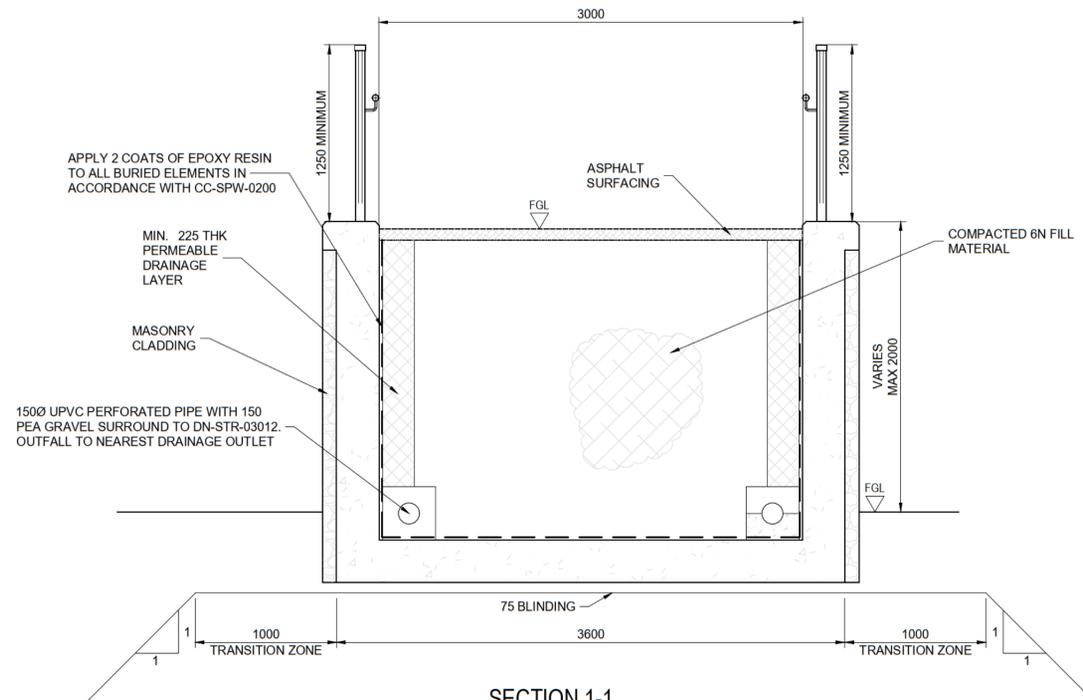
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Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST01.06 N4 PEDESTRIAN BRIDGE DETAILS			
Drawing File Name BCIDA-ACM-STR_GA-0006_BR_03-DR-CB-0102	Sheet Number 1 of 2	Status	Rev M01

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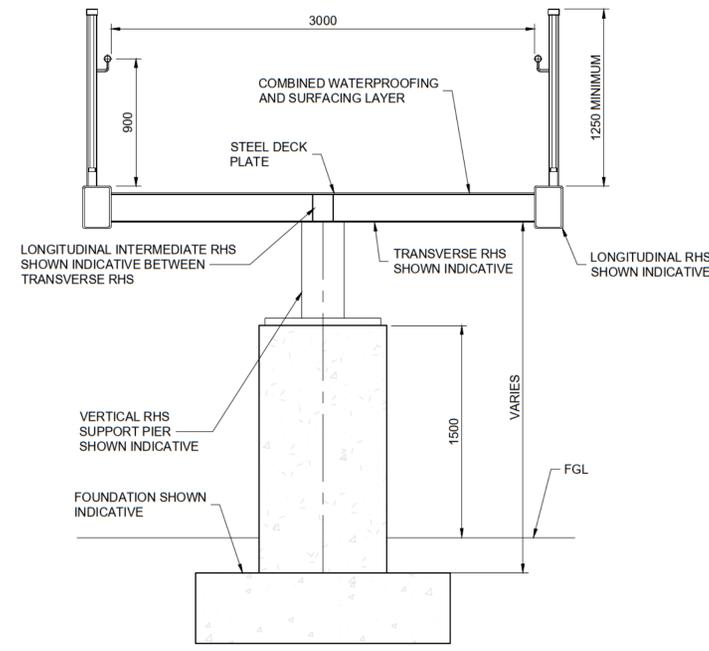
ELEVATION B-B

1:200 @ A1
1:400 @ A3



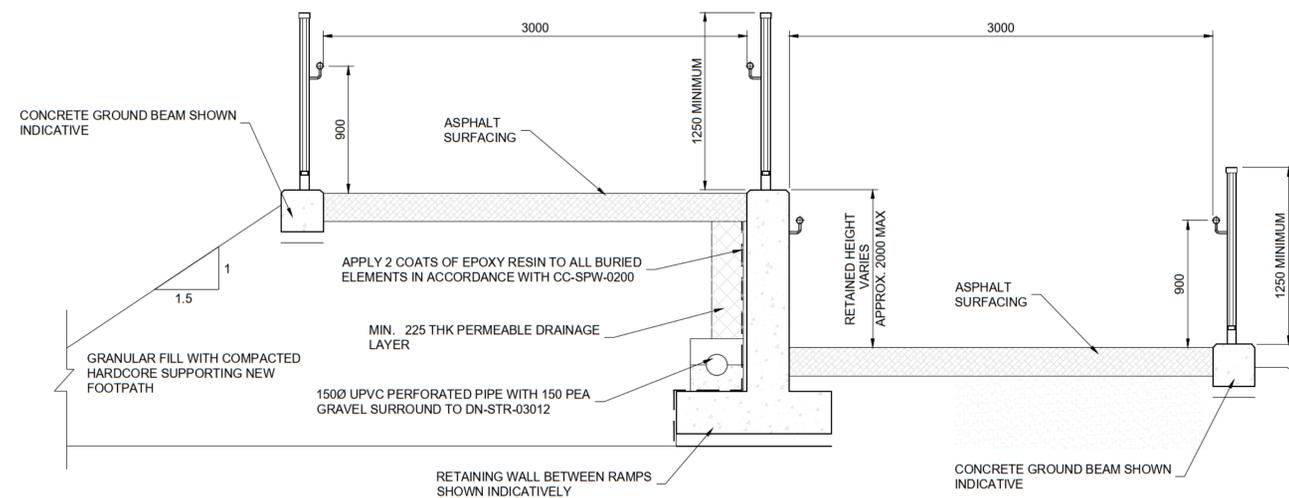
SECTION 1-1
TYPICAL SECTION THROUGH EARTHWORKS APPROACH RAMP

1:25 @ A1
1:50 @ A3



SECTION 2-2
TYPICAL SECTION THROUGH STEEL RAMP AT SUPPORT

1:25 @ A1
1:50 @ A3



SECTION 3-3
TYPICAL SECTION THROUGH EARTHWORKS APPROACH RAMP

1:25 @ A1
1:50 @ A3

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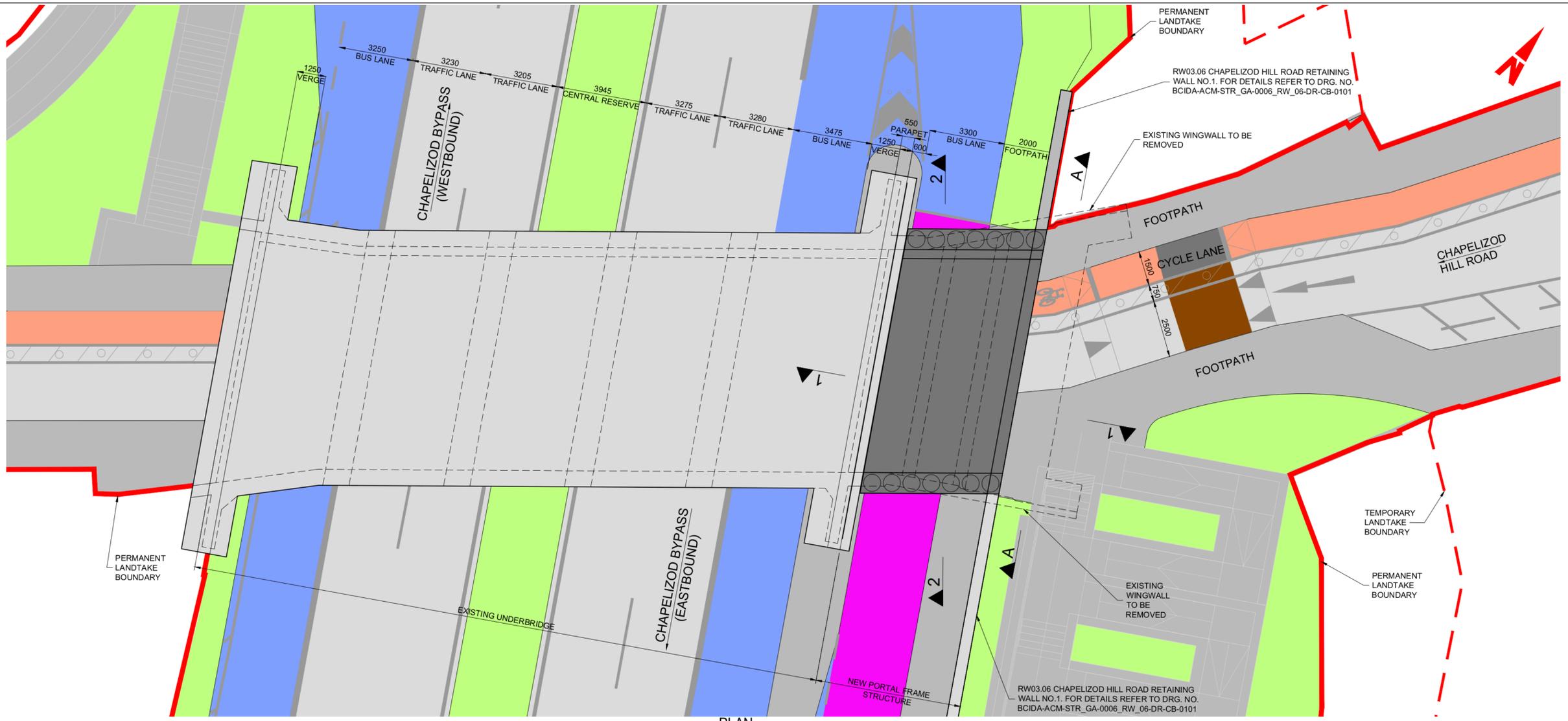
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M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

Date	29/09/22	Scale	AS SHOWN @ A1 AS SHOWN @ A3	Drawn	A.COSTELLO
Project Code	BCIDA	Originator Code	ACM	Checked	A.T.DALE
				Approved	C.ACTON

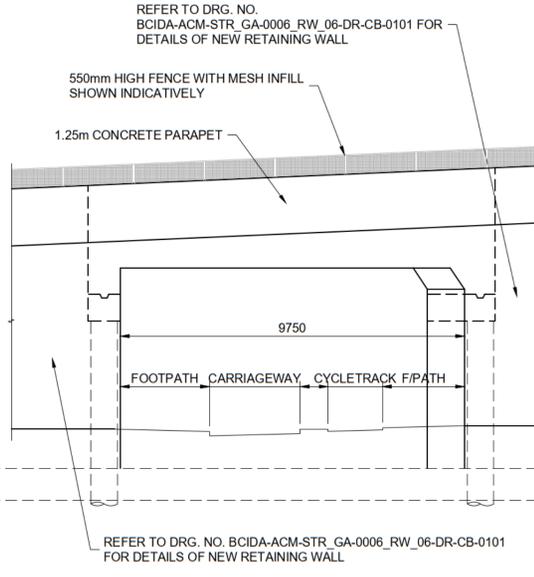
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Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST01.06 N4 PEDESTRIAN BRIDGE DETAILS			
Drawing File Name	BCIDA-ACM-STR_GA-0006_BR_03-DR-CB-0103	Sheet Number	2 of 2
Status		Rev	M01

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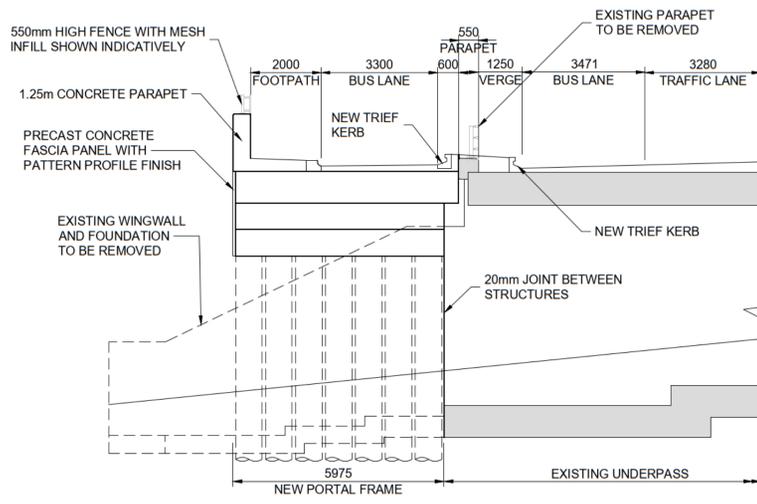
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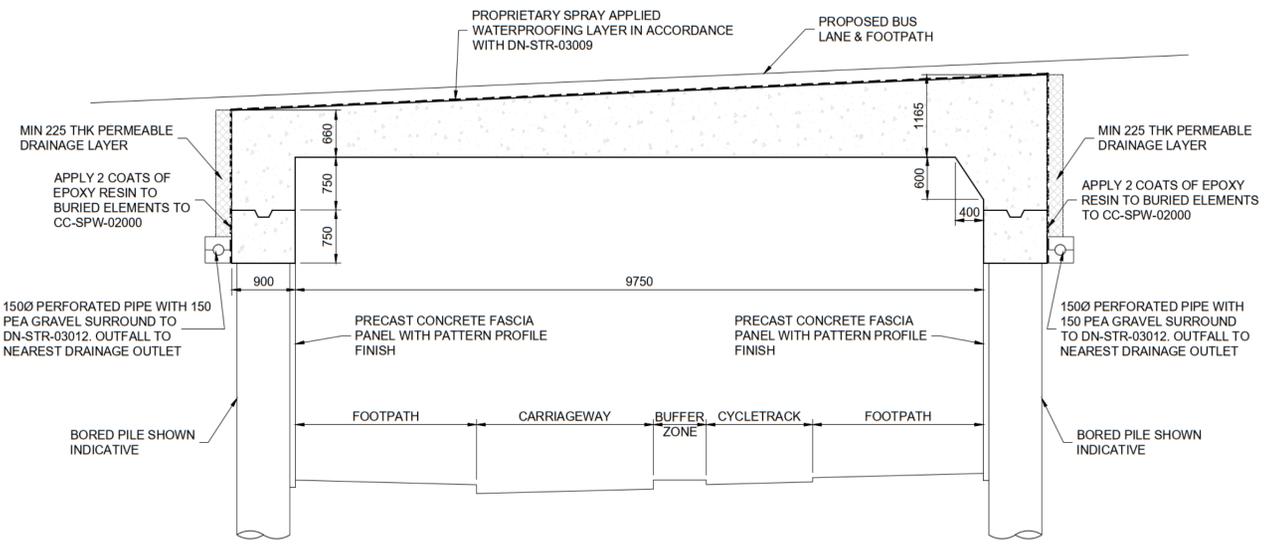
PLAN
1:100 @ A1
1:200 @ A3



PROPOSED ELEVATION A-A
1:100 @ A1
1:200 @ A3



SECTION 1-1
1:100 @ A1
1:200 @ A3



SECTION 2-2
1:50 @ A1
1:100 @ A3

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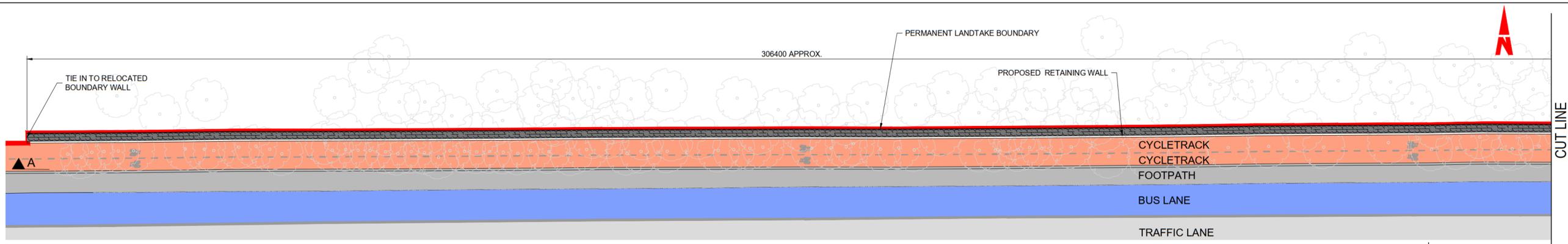


Rev	Date	Drn	Chk'd	App'd	Description
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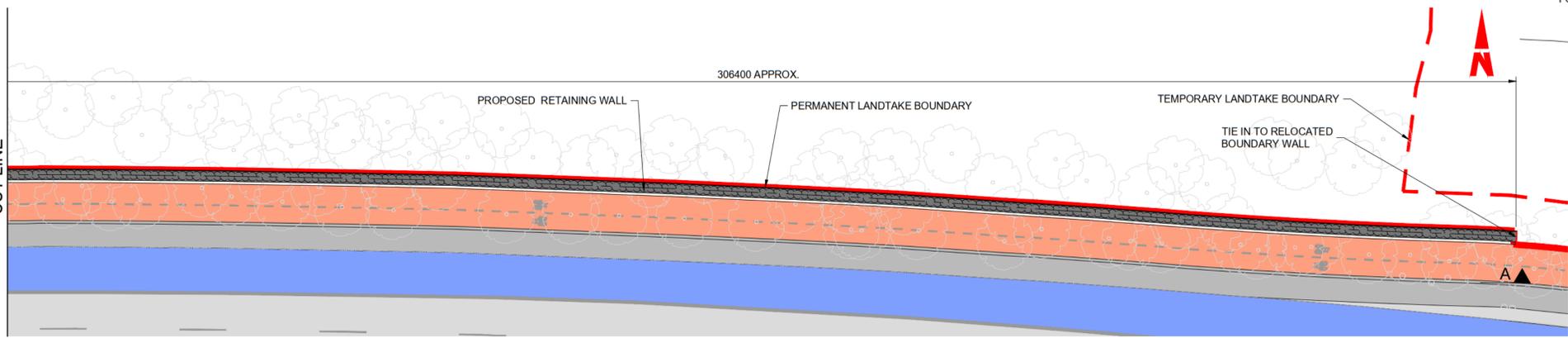
Date	Scale	Drawn	Checked	Approved	
29/09/22	AS SHOWN @ A1 AS SHOWN @ A3	A.COSTELLO	A.T.DALE	C.ACTON	
Project Code	Originator Code	QMS Code			
BCIDA	ACM				

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST02.06 CHAPELIZOD HILL ROAD BRIDGE GENERAL ARRANGEMENT			
Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-STR_GA-0006_BR_06-DR-CB-0101	1 of 1		M01

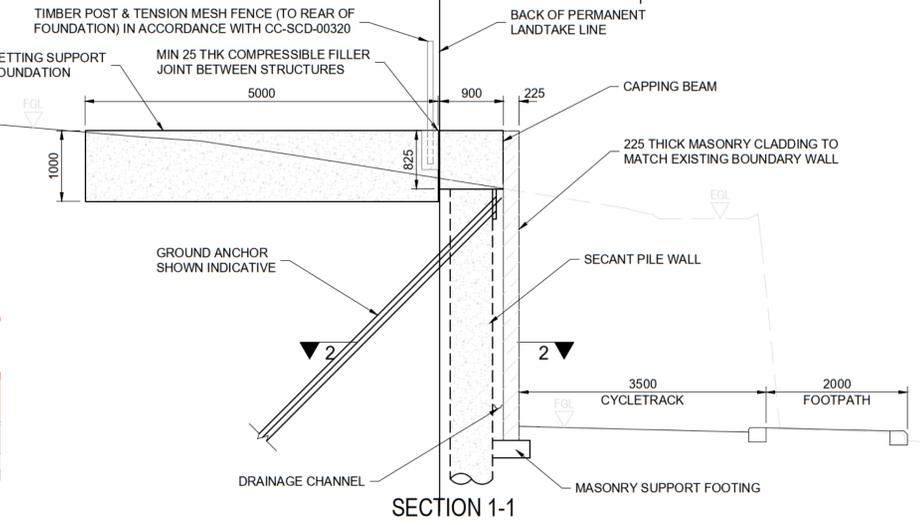
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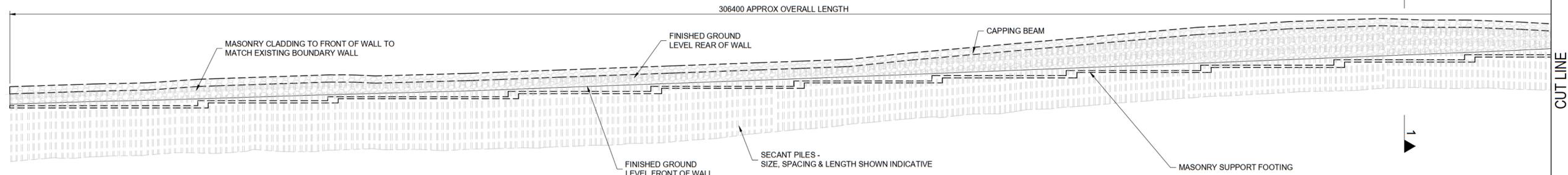
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1:500 @ A3



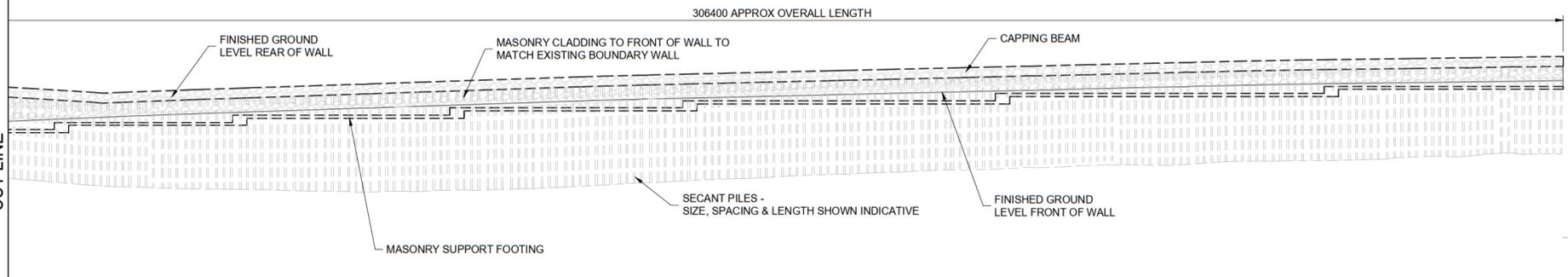
PART PLAN CONTINUED
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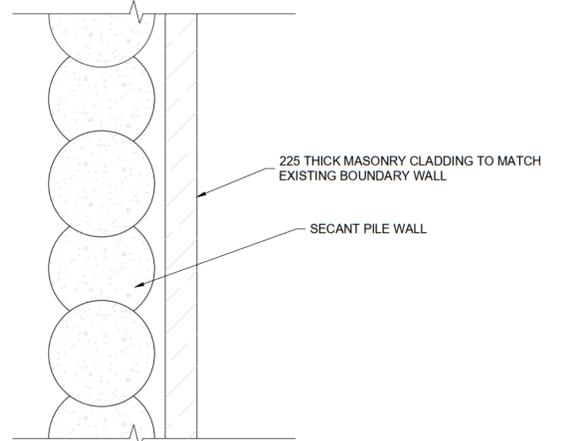
SECTION 1-1
1:50 @ A1
1:100 @ A1



PART DEVELOPED ELEVATION A-A
1:250 @ A1
1:500 @ A3



PART DEVELOPED ELEVATION A-A
1:250 @ A1
1:500 @ A3



SECTION 2-2
1:25 @ A1
1:50 @ A1

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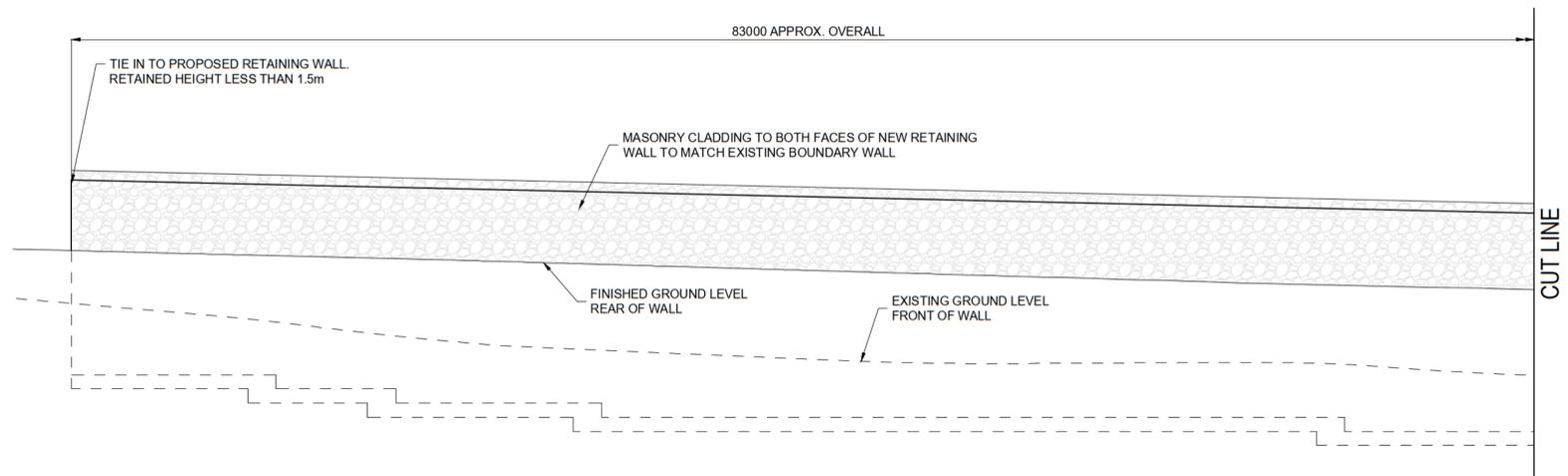
Project Ireland 2040
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Rev	Date	Dm	Chk'd	App'd	Description
M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

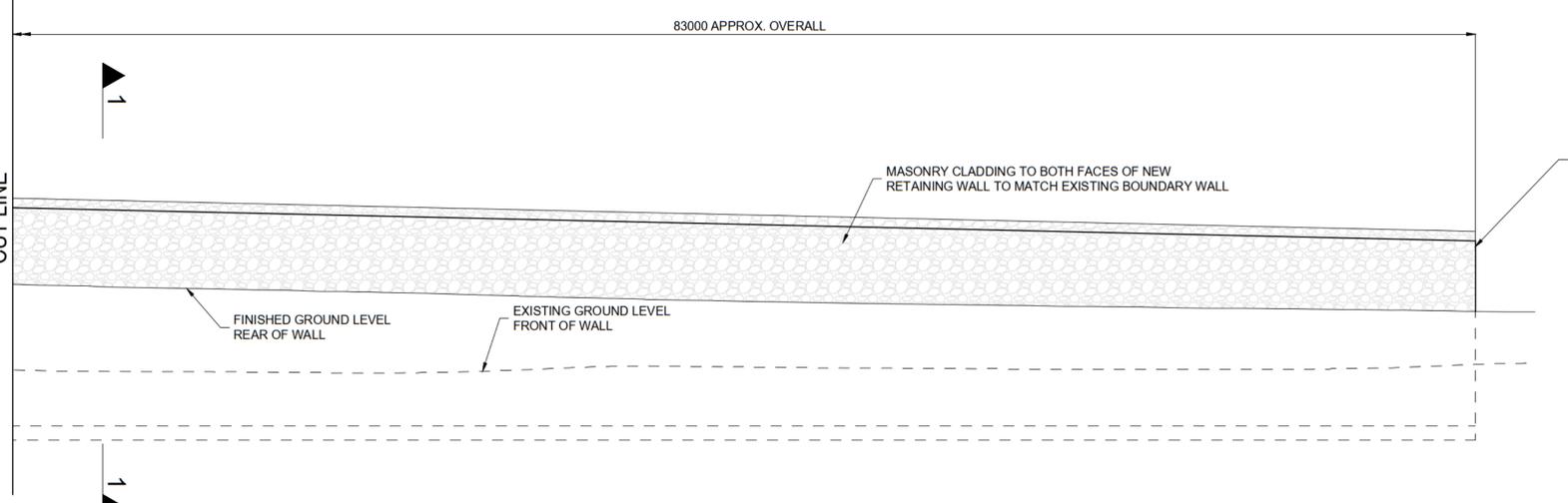
NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer AECOM M MOTT MACDONALD		
Date	Scale	Drawn	Checked	Approved
29/09/22	AS SHOWN @ A1 AS SHOWN @ A3	A.COSTELLO	A.T.DALE	C.ACTON
Project Code	Originator Code	QMS Code		
BCIDA	ACM			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME RW01.06 HERMITAGE GOLF CLUB RETAINING WALL GENERAL ARRANGEMENT			
Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-STR_GA-0006_RW_01-DR-CB-0101	1 of 1		M01

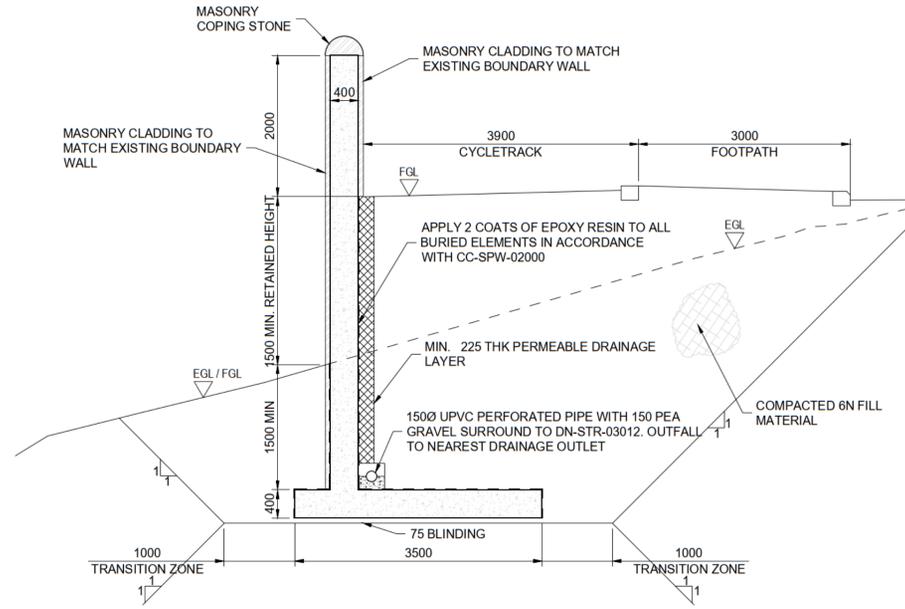
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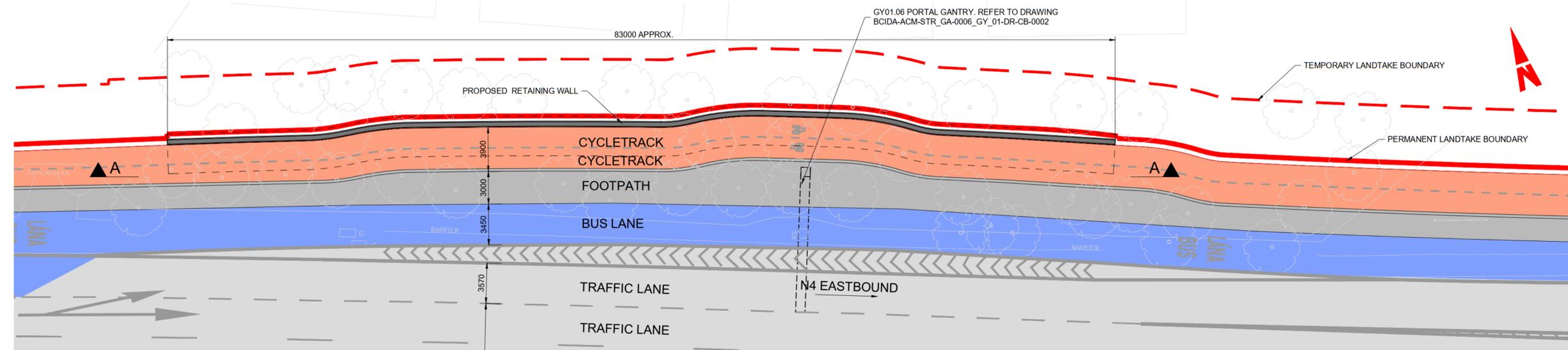
PART DEVELOPED ELEVATION A-A
1:100 @ A1
1:200 @ A3



PART DEVELOPED ELEVATION A-A
1:100 @ A1
1:200 @ A3



SECTION 1-1
1:50 @ A1
1:100 @ A1



PLAN
1:200 @ A1
1:400 @ A3

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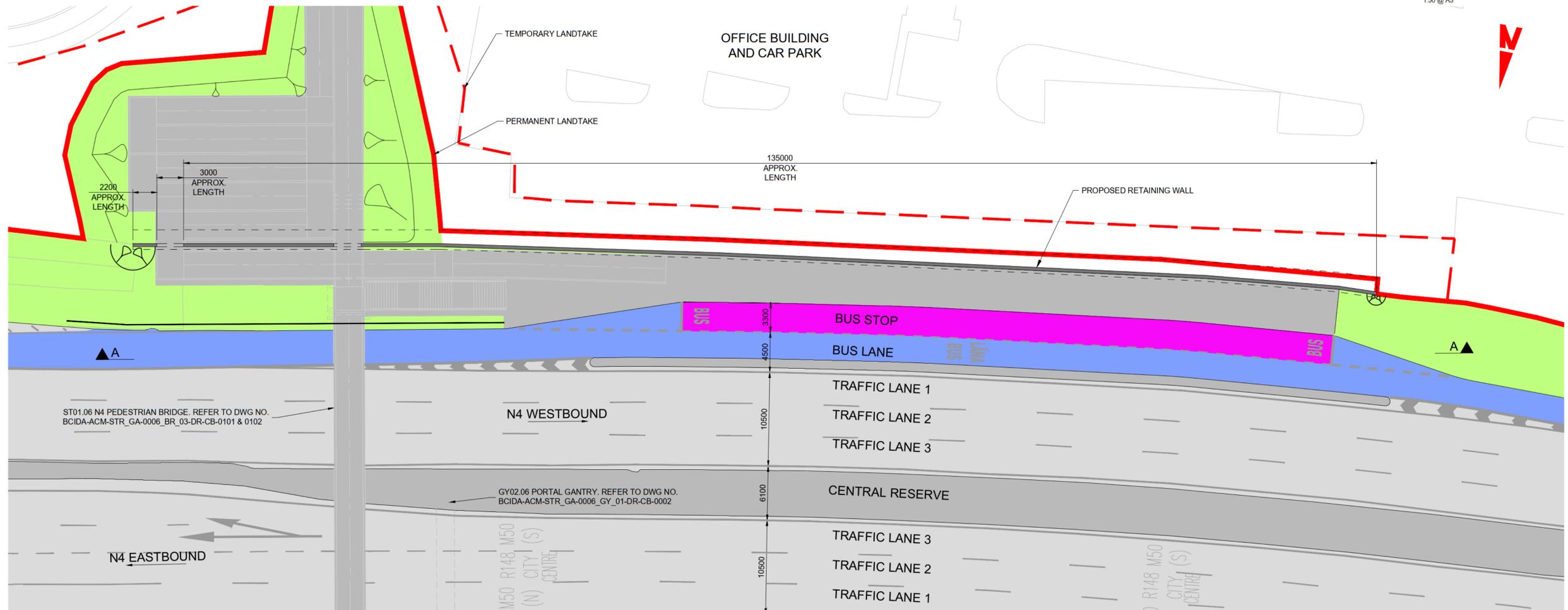
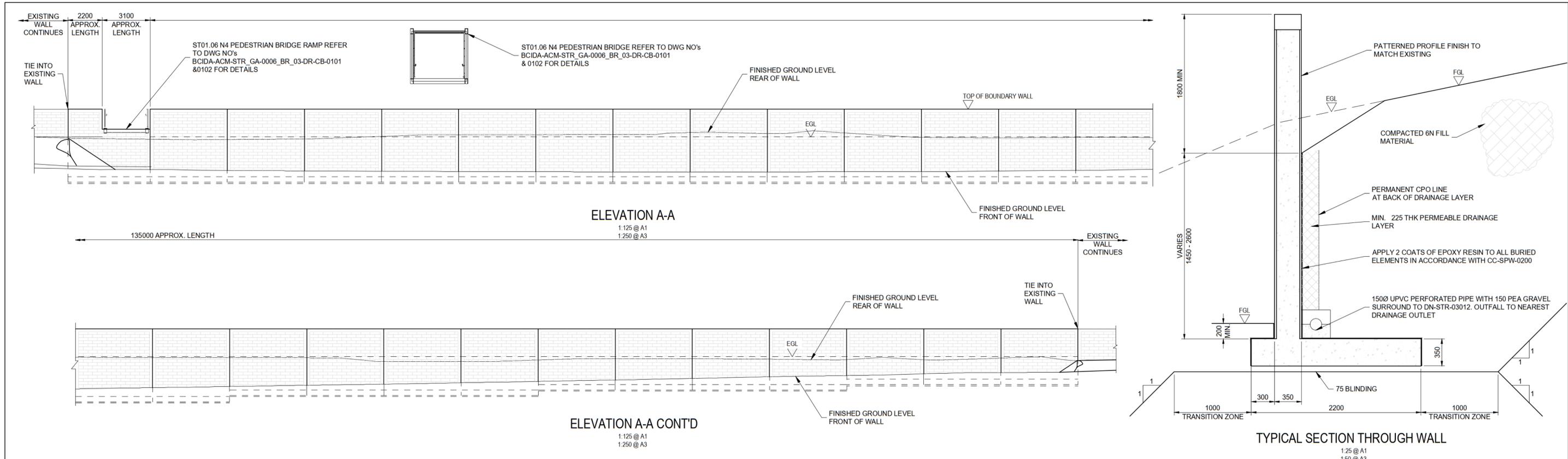
Rev	Date	Dm	Chk'd	App'd	Description
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Client
NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
AECOM **MOTT MACDONALD**

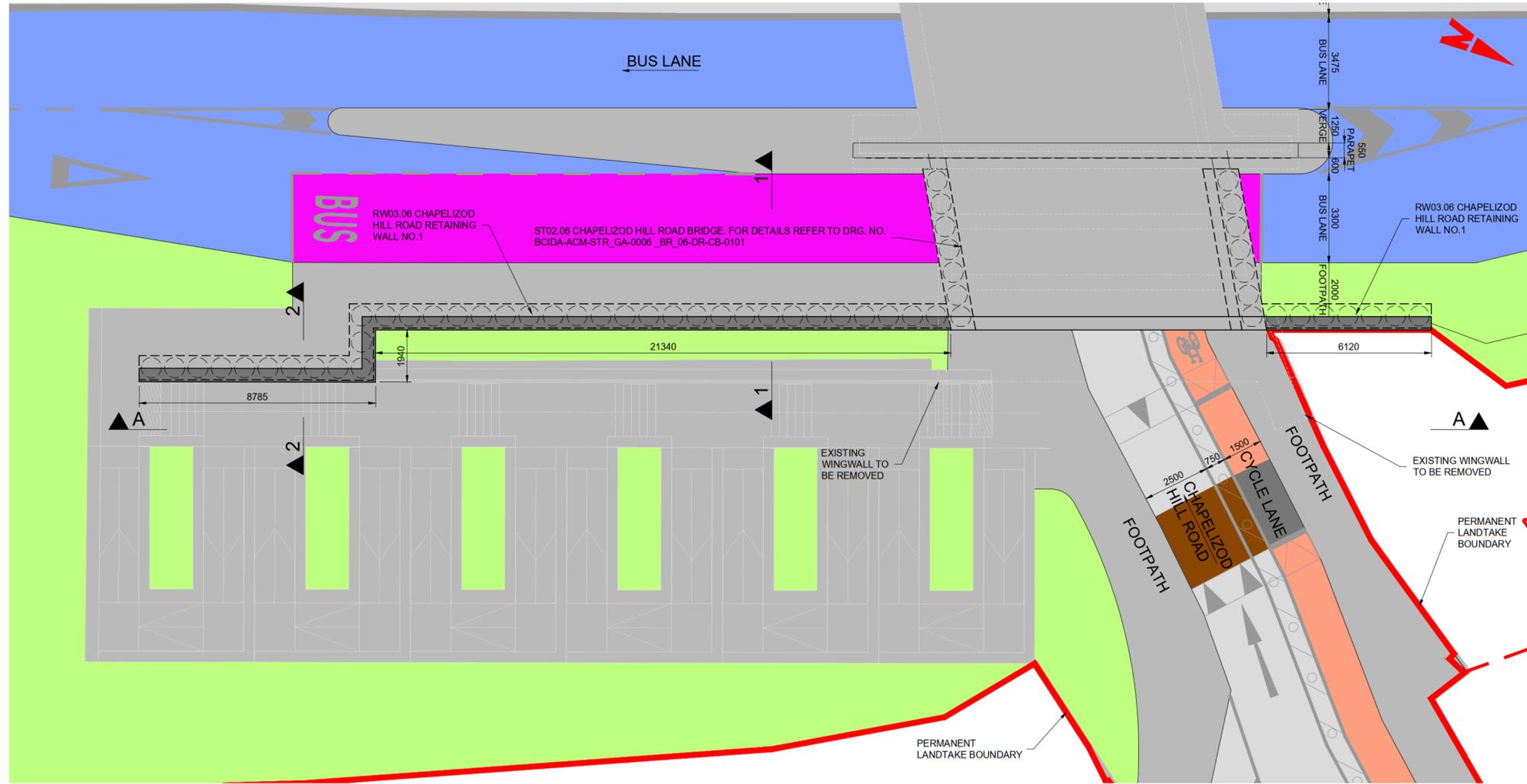
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Drawing File Name BCIDA-ACM-STR_GA-0006_RW_02-DR-CB-0101	Sheet Number 1 of 1	Status	Rev M01

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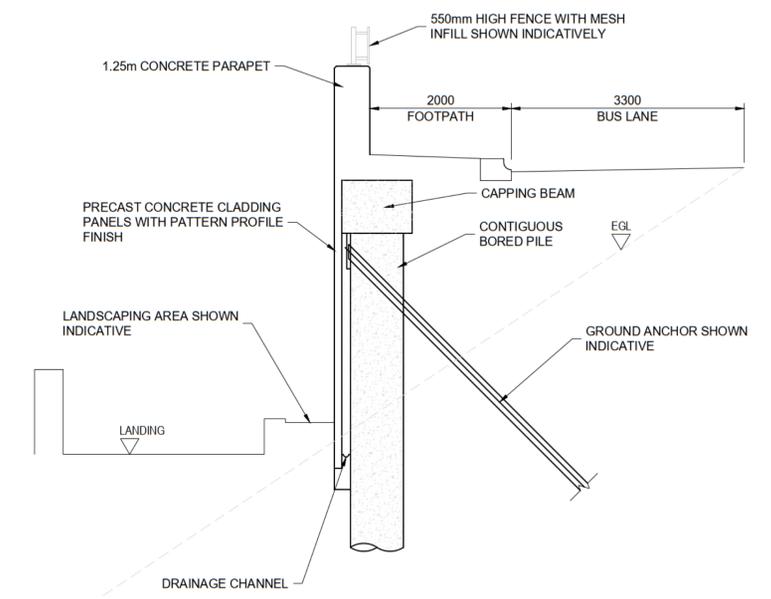


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<p>Date 29/09/22 Scale AS SHOWN @ A1 AS SHOWN @ A3</p>		<p>Drawn A.COSTELLO Checked A.T.DALE Approved C.ACTON</p>		<p>Date 29/09/22 Scale AS SHOWN @ A1 AS SHOWN @ A3</p>		<p>Project Code BCIDA Originator Code ACM QMS Code</p>		<p>Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME RW02.06 N4 RETAINING WALL GENERAL ARRANGEMENT</p>	
<p>Drawing File Name BCIDA-ACM-STR_GA-0006_RW_03-DR-CB-0101</p>		<p>Sheet Number 1 of 1</p>		<p>Status</p>		<p>Rev M01</p>		<p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p>	

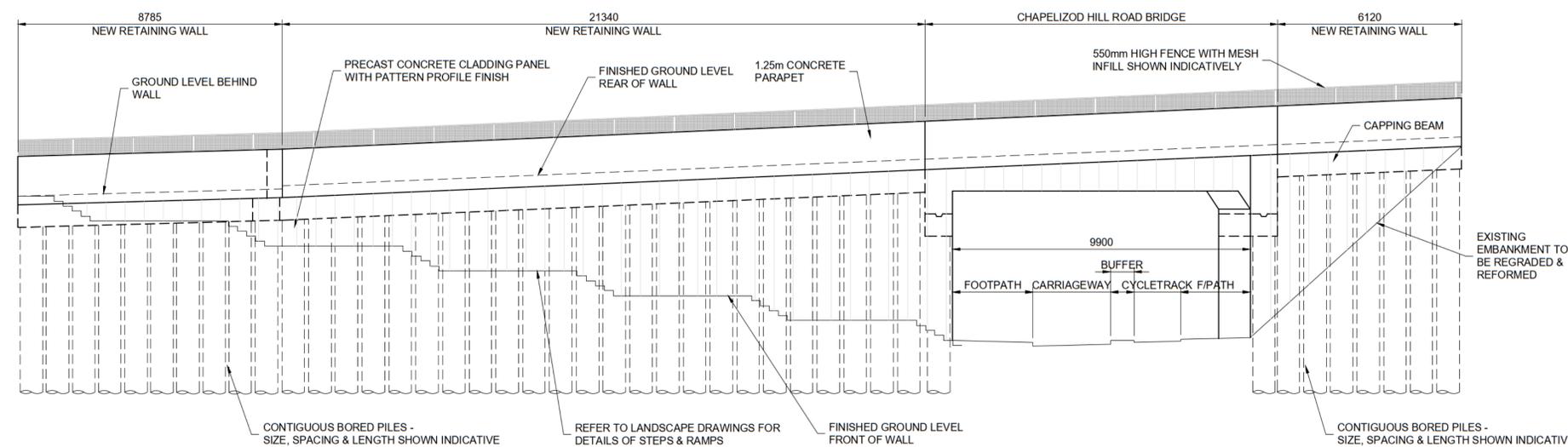
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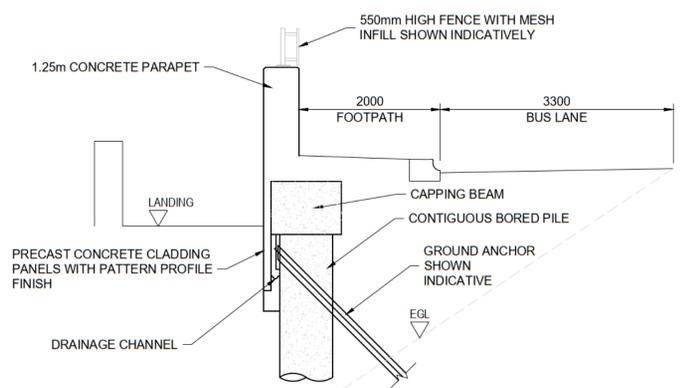
PLAN
1:100 @ A1
1:200 @ A3



SECTION 1-1
1:100 @ A1
1:200 @ A3



PROPOSED ELEVATION A-A
1:100 @ A1
1:200 @ A3



SECTION 2-2
1:50 @ A1
1:100 @ A3

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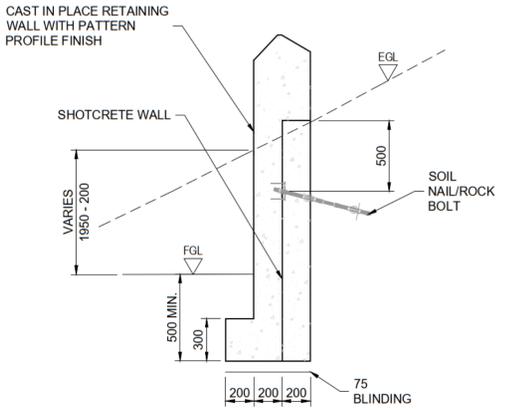
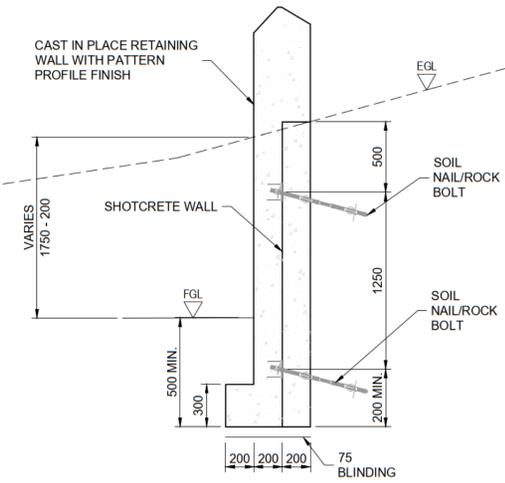
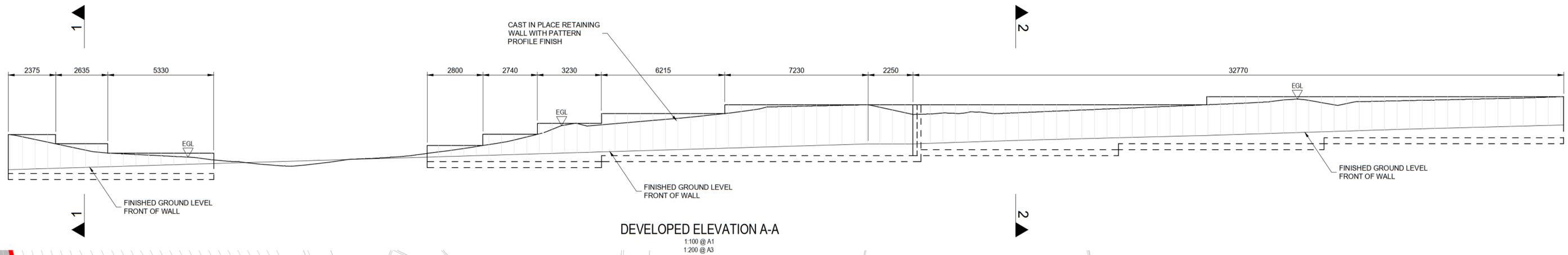
Project Ireland 2040
Building Ireland's Future

Rev	Date	Dm	Chk'd	App'd	Description
M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer AECOM M MOTT MACDONALD		
Date 29/09/22	Scale AS SHOWN @ A1 AS SHOWN @ A3	Drawn A.COSTELLO	Checked A.T.DALE	Approved C.ACTON
Project Code BCIDA	Originator Code ACM	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME RW03.06 CHAPELIZOD HILL ROAD RETAINING WALL NO.1 GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-STR_GA-0006_RW_06-DR-CB-0101	Sheet Number 1 of 1	Status	Rev M01

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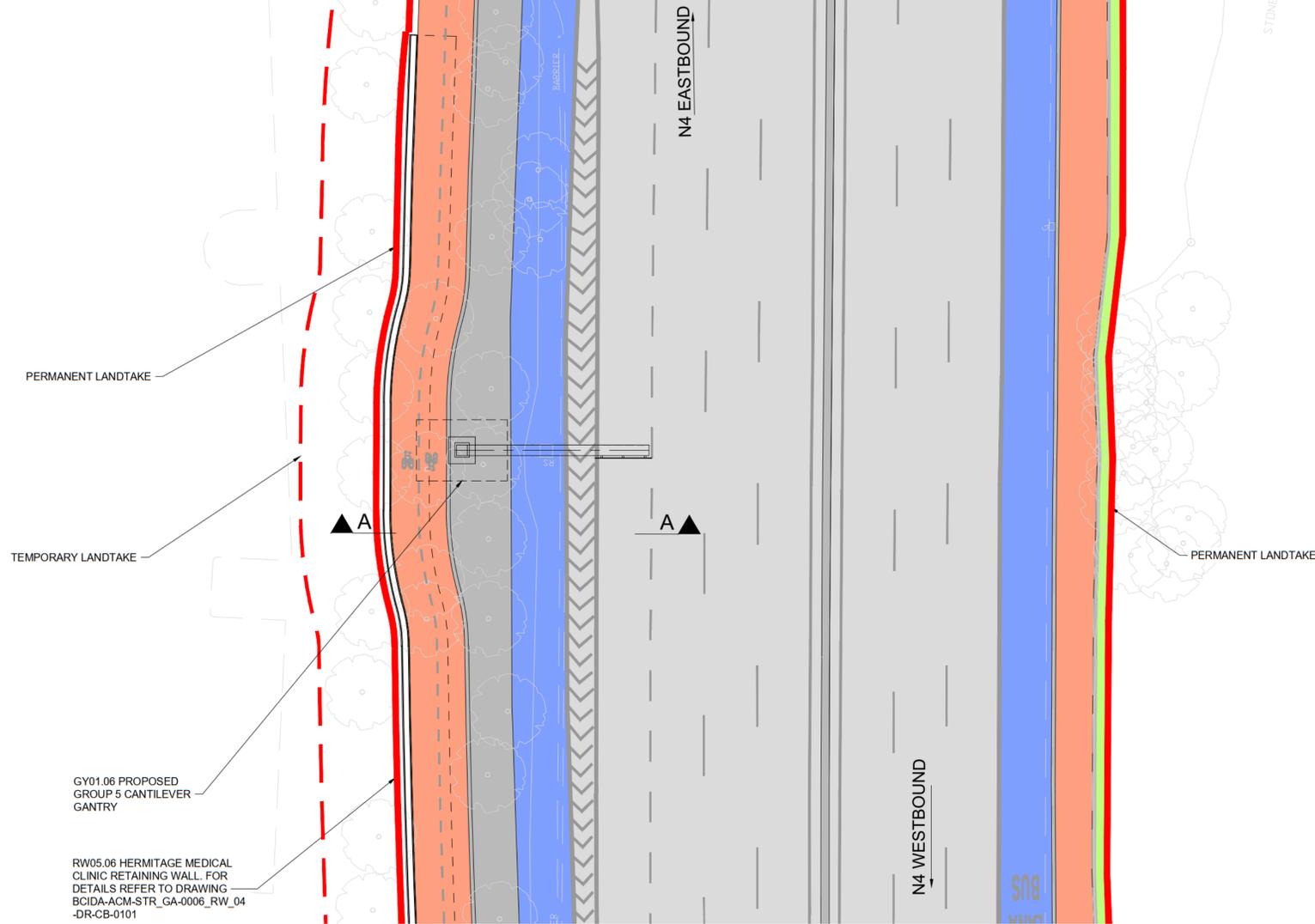


Rev	Date	Dm	Chk'd	App'd	Description
M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

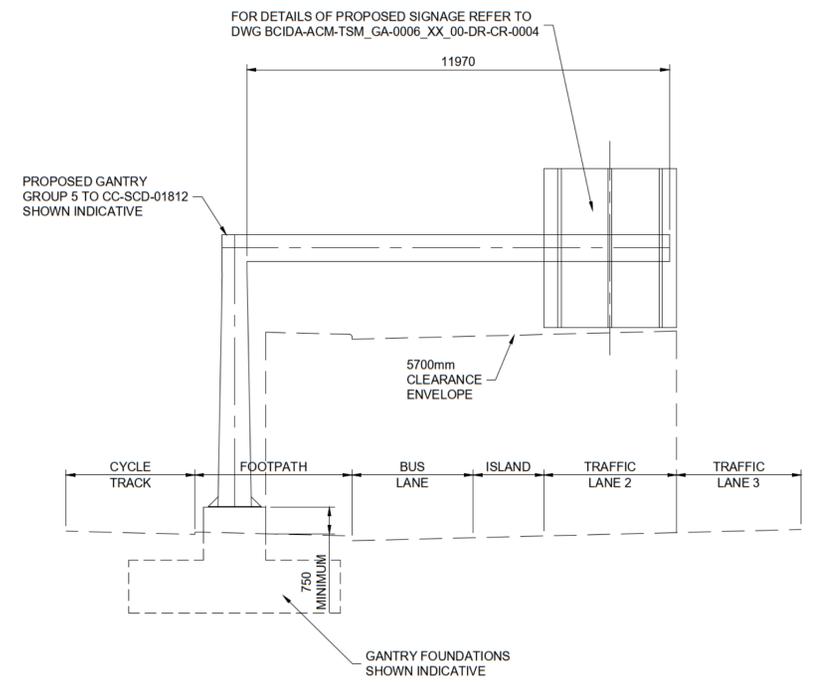
Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer AECOM M MOTT MACDONALD		
Date 29/09/22	Scale AS SHOWN @ A1 AS SHOWN @ A3	Drawn A.COSTELLO	Checked A.T.DALE	Approved C.ACTON
Project Code BCIDA	Originator Code ACM	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME RW04.06 CHAPELIZOD HILL ROAD RETAINING WALL NO.2 GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-STR_GA-0006_RW_06-DR-CB-0111	Sheet Number 1 of 1	Status	Rev M01

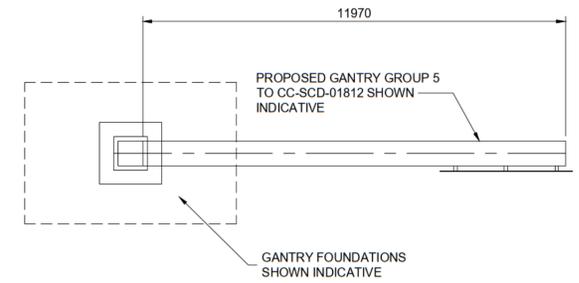
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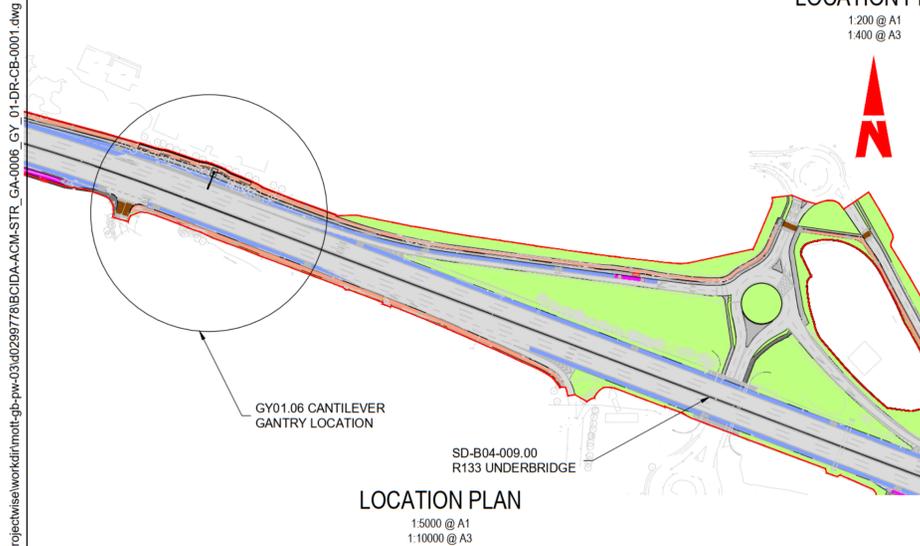
LOCATION PLAN
1:200 @ A1
1:400 @ A3



ELEVATION A-A
1:100 @ A1
1:200 @ A3



PLAN ON GANTRY
1:100 @ A1
1:200 @ A3



LOCATION PLAN
1:5000 @ A1
1:10000 @ A3

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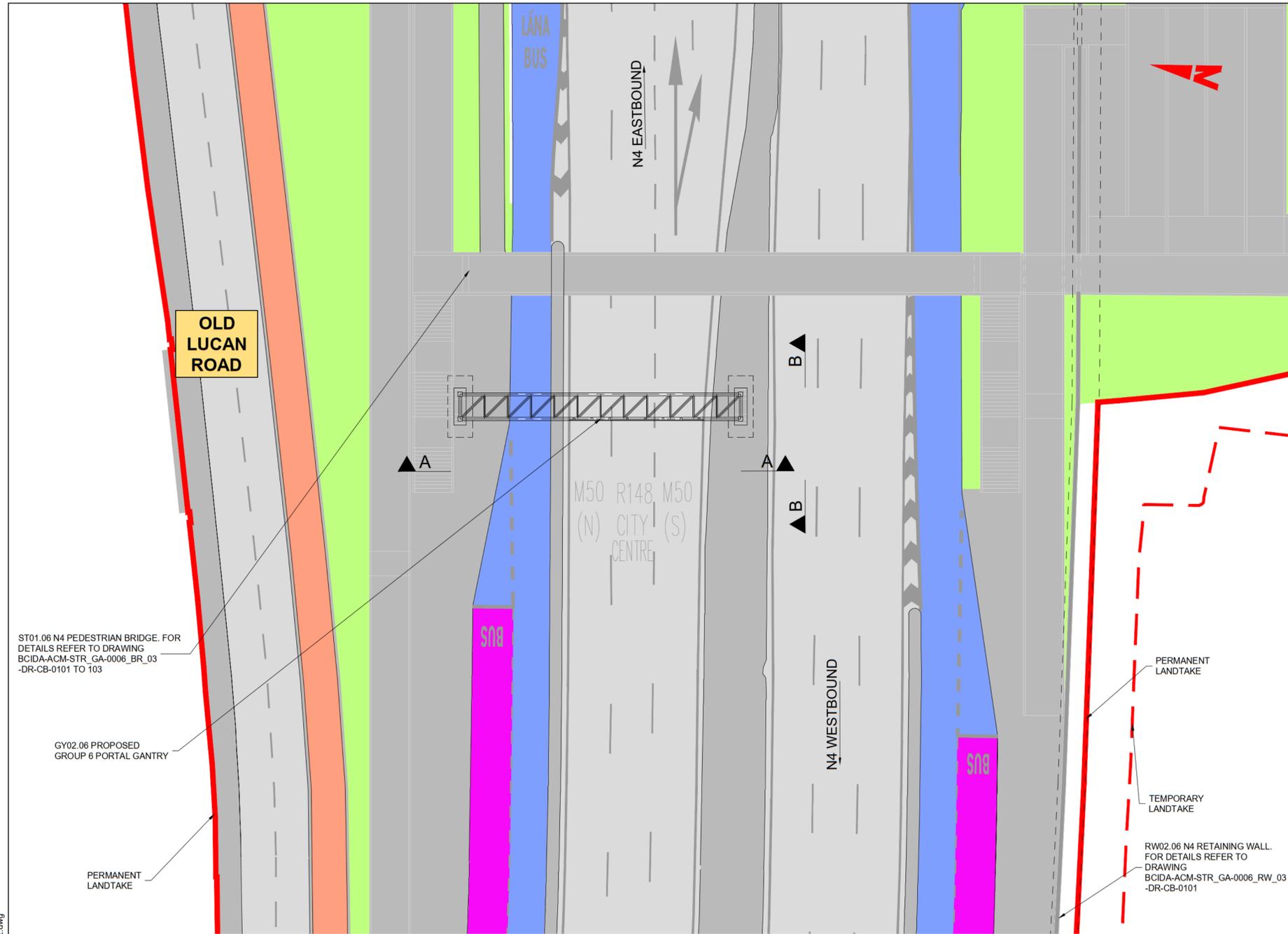
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M01	29/09/22	AC	AD	CA	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
29/09/22	AS SHOWN @ A1 1:1000 @ A3	A.COSTELLO	A.T.DALE	C.ACTON
Project Code	Originator Code	QMS Code		
BCIDA	ACM			

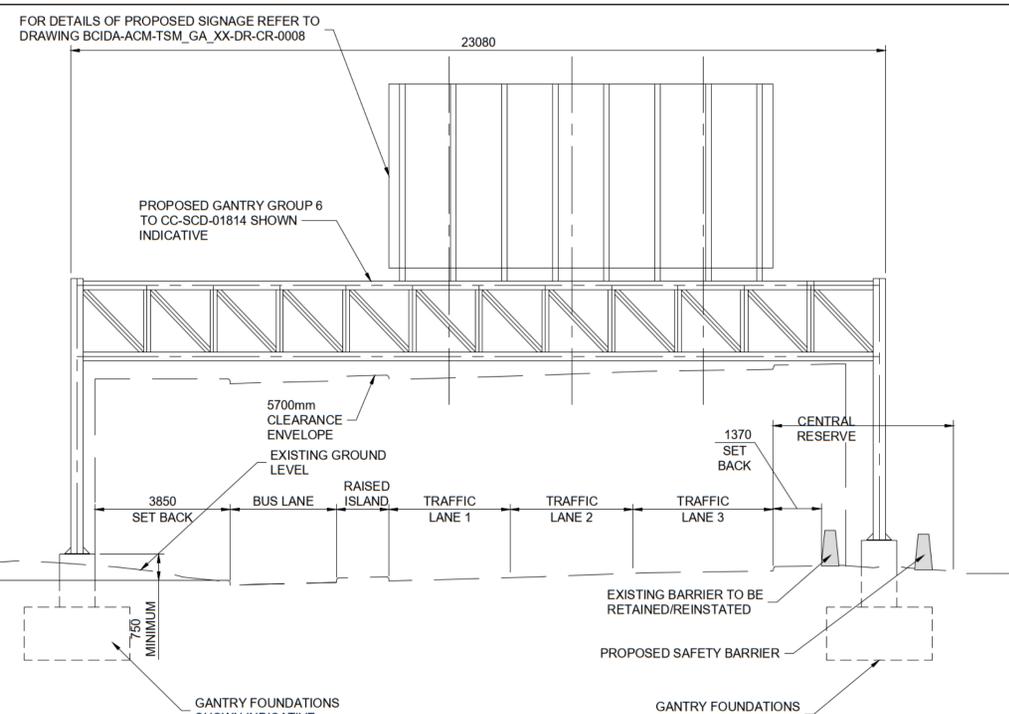
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Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GY01.06 CANTILEVER GANTRY GENERAL ARRANGEMENT			
Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-STR_GA-0006_GY_01-DR-CB-0001	01 of 01		M01

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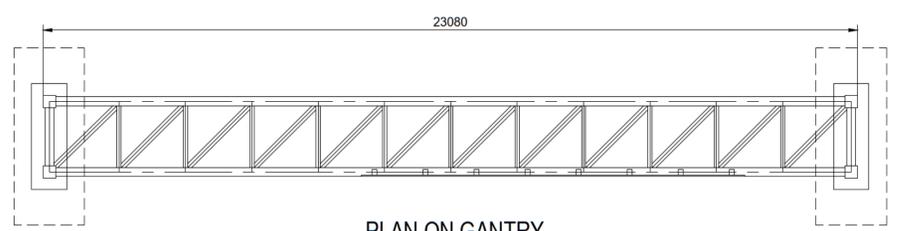
OLD LUCAN ROAD



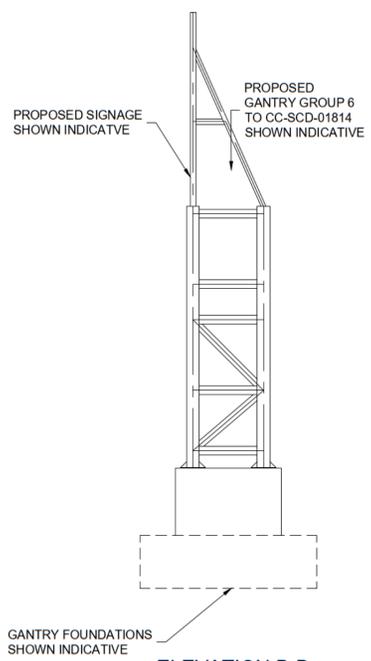
LOCATION PLAN
1:200 @ A1
1:400 @ A3



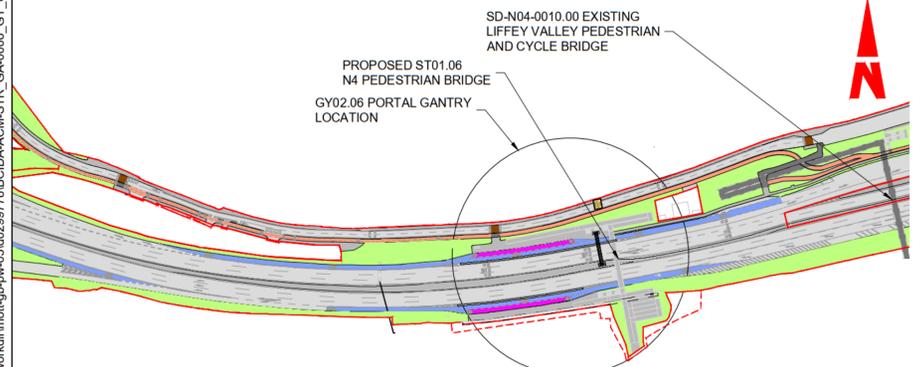
ELEVATION A-A
1:100 @ A1
1:200 @ A3



PLAN ON GANTRY
1:100 @ A1
1:200 @ A3



ELEVATION B-B
1:100 @ A1
1:200 @ A3



LOCATION PLAN
1:5000 @ A1
1:10000 @ A3

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Date	Scale	Drawn	Checked	Approved	
29/09/22	AS SHOWN @ A1 AS SHOWN @ A3	A.COSTELLO	A.T.DALE	C.ACTON	
Project Code	Originator Code	QMS Code			
BCIDA	ACM				

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GY02.06 PORTAL GANTRY GENERAL ARRANGEMENT			
Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-STR_GA-0006_GY_01-DR-CB-0002	01 of 01		M01

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