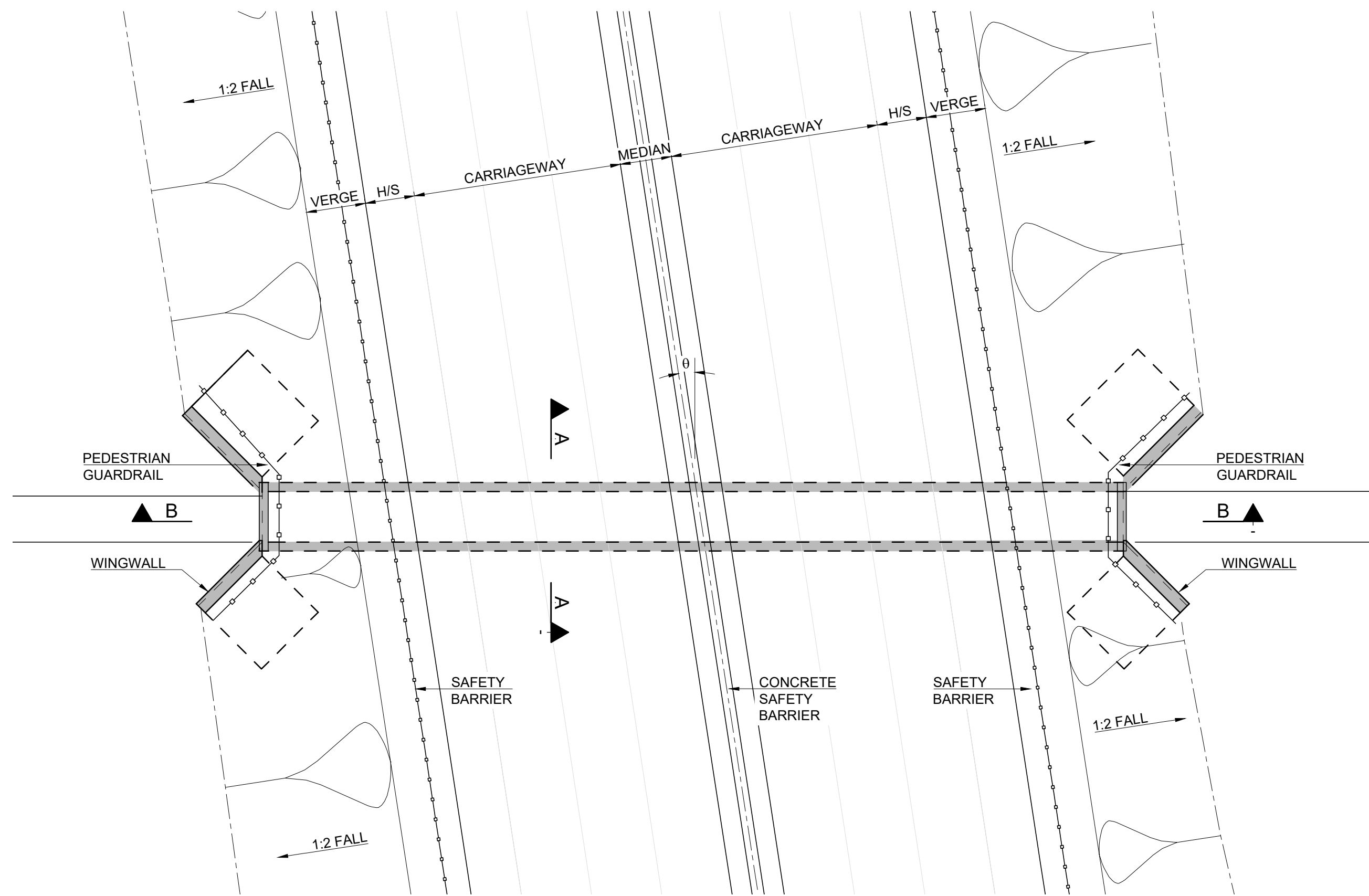


Appendix A.1.8

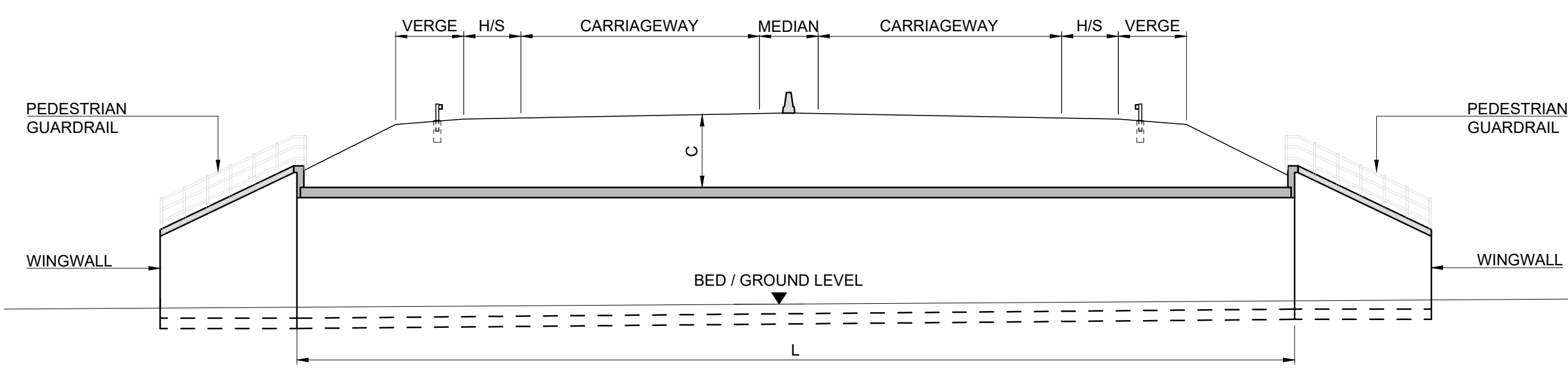
Mammal Underpass & Culverts - Drawings

A.1.8

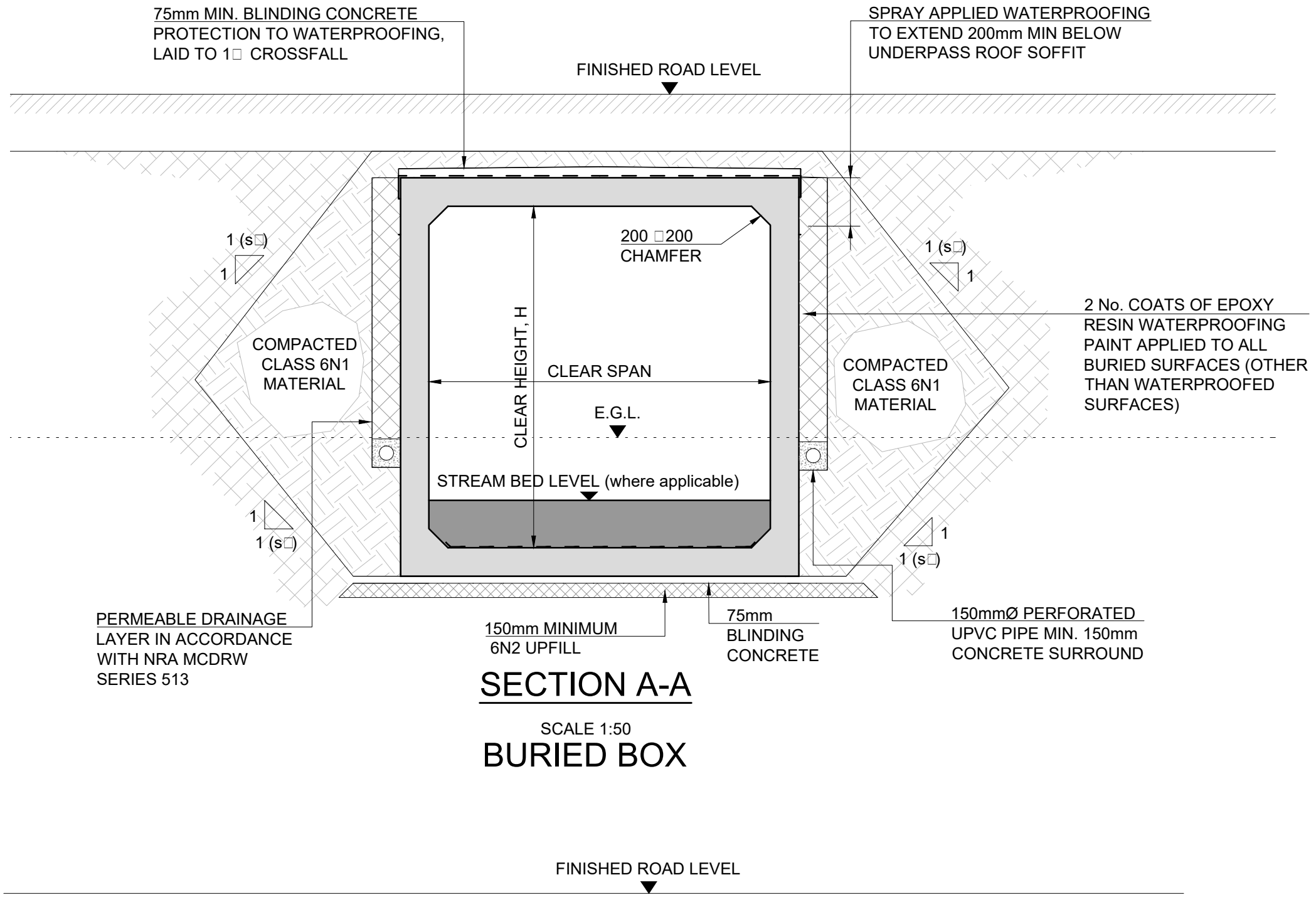
- NOTES:**
- ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE SHOWN IN METRES ABOVE ORDNANCE DATUM.



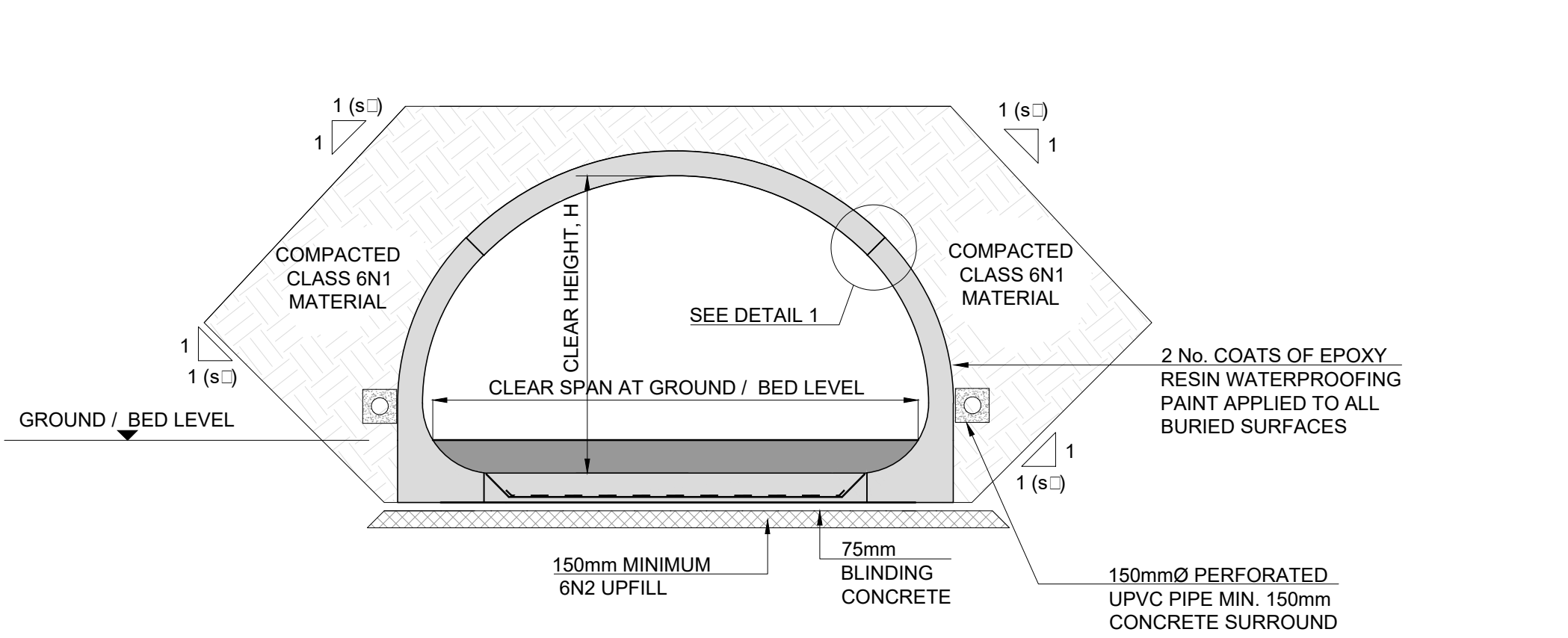
PLAN ON STRUCTURE
SCALE 1:200



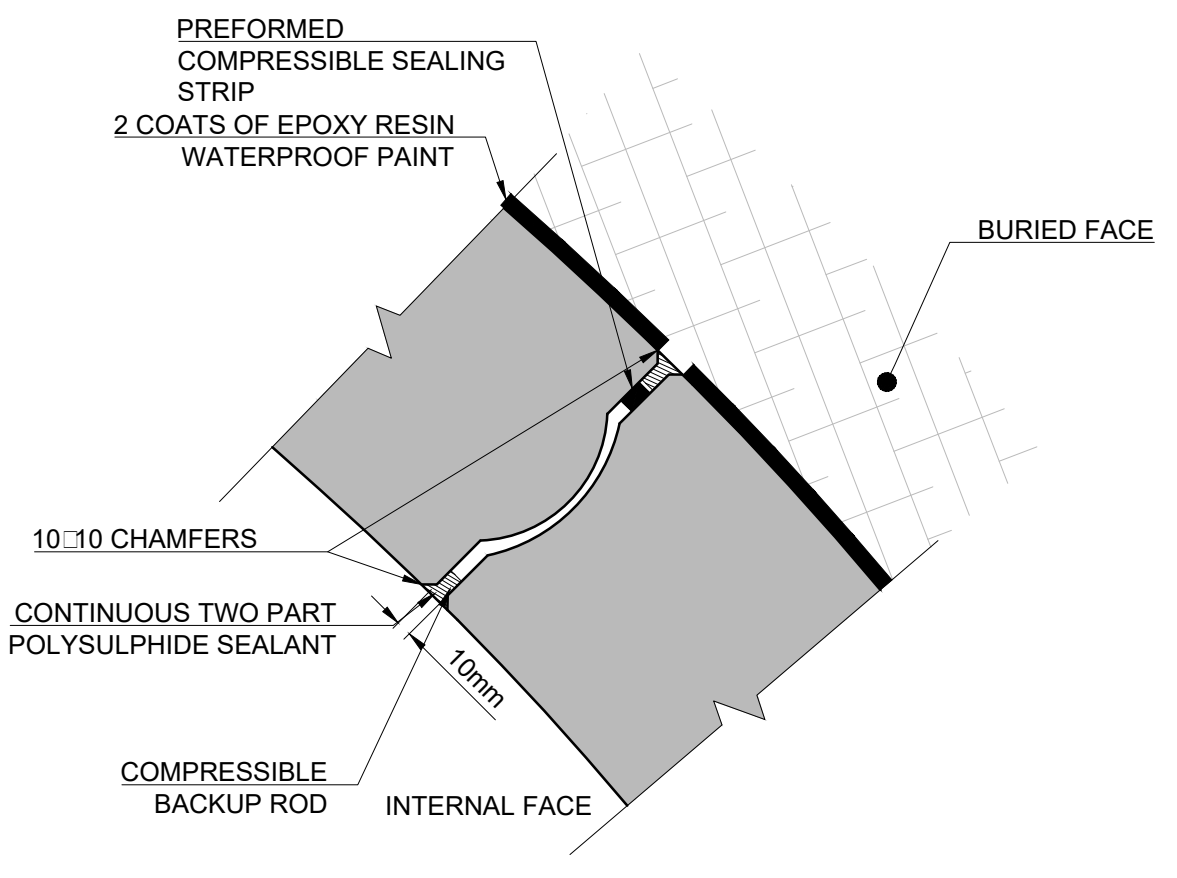
SECTION B-B
SCALE 1:200



SECTION A-A
SCALE 1:50
BURIED BOX



SECTION A-A
SCALE 1:50
BURIED ARCH



DETAIL 1
SCALE 1:5

Reference	Name	Chainage	Structure Type	Clear Span, S [m]	Length, L [m]	Structural Depth, SD [m]	Clear Height, H [m]	Approximate cover, C (m)	Skew Angle, θ (deg)
C00/01	Culvert C00/01	00+670	Buried RC box	2.5	95.0	0.25	1.35	2.2	65
C02/01a	Culvert C02/01a - Tusky Stream	02+800	Buried RC box	2.1	38.0	0.25	1.80	2.6	16
C02/01b	Culvert C02/01b - Tusky Stream	02+850	Buried RC box	2.5	78.0	0.25	2.50	2.7	30
C03/01	Culvert C03/01	03+070	Buried RC box	2.5	48.0	0.25	1.20	0.6	4
C03/04	Culvert C03/04	03+965	Buried RC box	2.5	55.0	0.25	1.20	2.9	19
C03/03	Culvert C03/03	03+945	Buried RC box	2.5	52.0	0.25	1.20	3.1	19
C04/01	Culvert C04/01 - Bearna Stream	04+120	Buried RC box	5.0	35.0	0.35	2.50	0.9	15
C04/02	Culvert C04/02	04+915	Buried RC box	3.1	82.0	0.25	2.50	1.7	59
C06/00	Culvert C06/00	06+450	Buried RC box	2.5	64.0	0.25	2.50	4.2	31
C06/01	Culvert C06/01	06+850	Buried RC box	2.5	64.0	0.25	2.50	3.6	53
C07/00	Culvert C07/00	07+100	Buried RC box	2.5	59.0	0.25	2.00	1.6	11
C07/02a	Culvert C07/02a	07+225	Buried RC arch	2.5	101.0	0.25	2.50	7.7	0
C08/01a	Culvert C08/01a	08+450	Buried RC box	2.5	52.0	0.25	2.50	4.3	0
C08/02	Culvert C08/02	08+650	Buried RC box	2.5	37.0	0.25	2.50	1.9	0
C08/04	Culvert C08/04	08+580	Buried RC box	2.5	46.0	0.25	2.50	4.6	0
C08/05	Culvert C08/05	08+620	Buried RC box	2.5	42.0	0.25	2.50	2.7	0
C09/06	Culvert C09/06	09+790	Buried RC arch	2.5	80.0	0.25	2.50	10.9	0
C09/07	Culvert C09/07	09+920	Buried RC arch	2.5	70.0	0.25	2.50	14.2	0
C12/02	Culvert C12/02	12+375	Buried RC arch	2.5	117.0	0.25	2.50	12.6	0
C12/03	Culvert C12/03	12+410	Buried RC arch	2.5	108.0	0.25	2.50	10.5	0
C12/04	Culvert C12/04	12+435	Buried RC arch	2.5	96.0	0.25	2.50	8.8	0
C13/01	Culvert C13/01	12+980	Buried RC box	2.5	57.0	0.25	1.50	3.9	0

San áiríamh tá sonraíocht Shuirbhíreacht Ordnáis Éireann arna áirígeadh faoi Cheadúnas OSI Uimh. 2010/17CCMA/Comhairle Contae na Gaillimhe. Sárionn áirígeadh neamhdhártaíocht cíochheart Shuirbhíreacht Ordnáis Éireann agus Rialtas na hÉireann. © Suirbhíreacht Ordnáis Éireann, 2010.

© Suirbhíreacht Ordnáis Éireann. Gach ceart ar chosaint. Uimhir cheadúnais 2010/17CCMA/Comhairle Contae na Gaillimhe.

Includes Ordnance Survey Ireland data reproduced under OSI Licence number 2010/17CCMA/Galway County Council. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland, 2010.

© Ordnance Survey Ireland. All rights reserved. Licence number 2010/17CCMA/Galway County Council.

Clients

Comhairle Chontae na Gaillimhe
Galway County Council

Galway City Transport Project

An Roinn Iompair
Turasóireachta agus Spóirt
Department of Transport, Tourism and Sport

TIU
Bonnagar Iompair Éireann
Transport Infrastructure Unit

Consultant

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland.

Tel +353 (0)91 460675
www.NGalwayCity.ie
www.arup.ie

Job Title
N6 Galway City Ring Road

Scale
AS SHOWN @ A1

Date:
July 2016

Issue	Date	By	Chkd	Appd
I3	02/08/2017	LM	PM	EMC
I2	30/06/2017	LM	PM	EMC
I1	11/07/2016	PD	PM	EMC

Drawing Title
Culverts Underpasses Buried Box and Arch Structures

Drawing Status

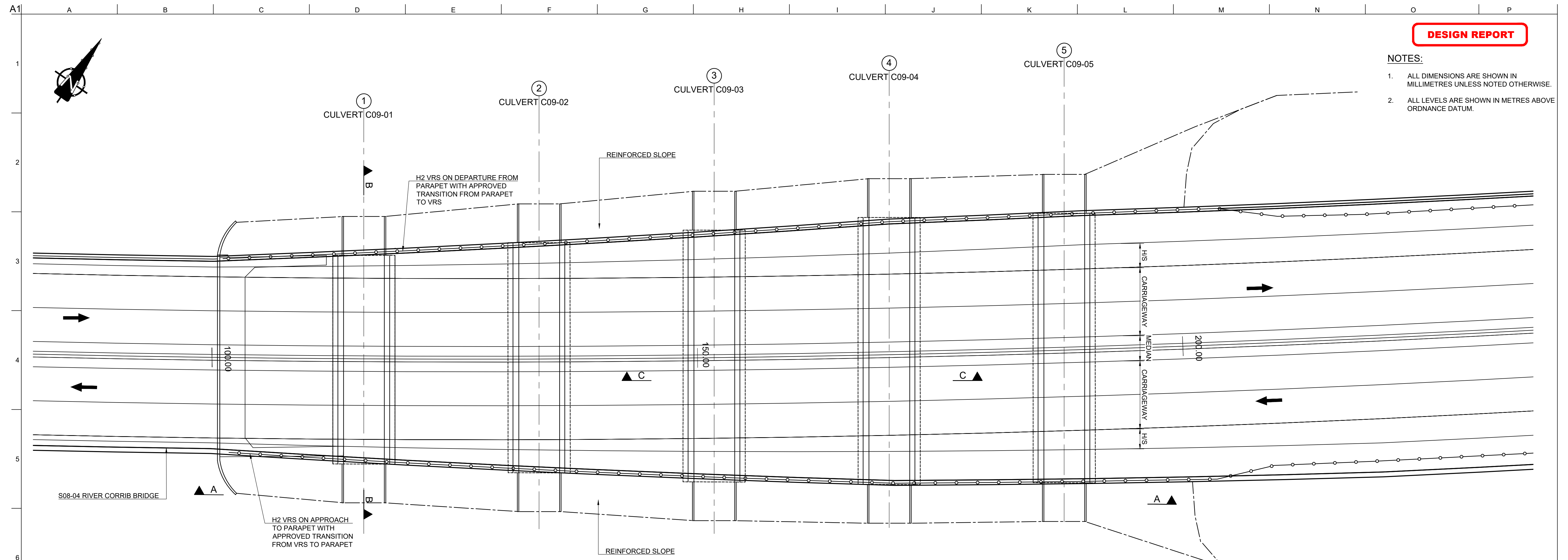
For Information

Job No
233985

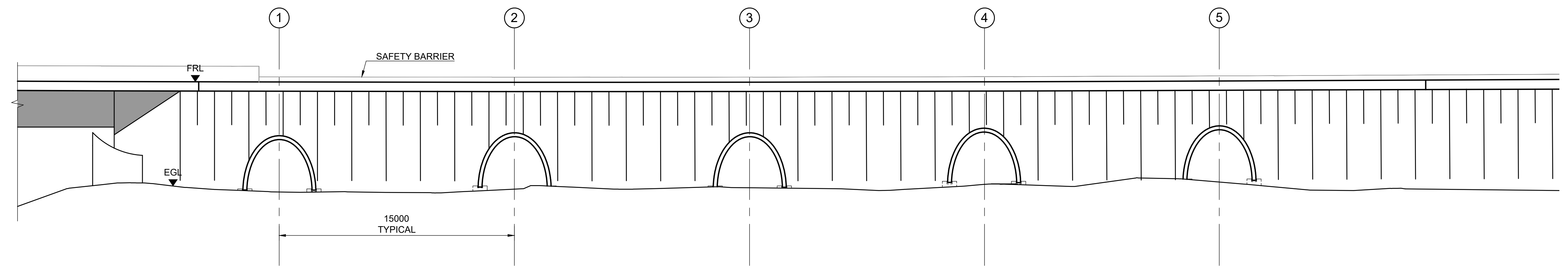
Drawing No
GCOB-1700-D-GEN-011

Issue
13

- NOTES:**
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE SHOWN IN METRES ABOVE ORDNANCE DATUM.



PLAN ON CULVERTS
SCALE: 1:200



ELEVATION A-A
SCALE: 1:200

San áireamh tá sonraíocht Shuirbhíreacht Ordánais Éireann arna atáirgeadh faoi Cheadúnas OSI Uimh. 2010/17CCMA/Comhairle Contae na Gaillimhe. Sárúinn airdgeadh neamhdaraithe cúlcheart Shuirbhíreacht Ordánais Éireann agus Rialtas na hÉireann. © Shuirbhíreacht Ordánais Éireann, 2010.

© Shuirbhíreacht Ordánais Éireann. Gach ceart ar chosaint. Uimhir cheadúnais 2010/17CCMA/Comhairle Contae na Gaillimhe.

Includes Ordnance Survey Ireland data reproduced under OSI Licence number 2010/17CCMA/Galway County Council. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland, 2010.

© Ordnance Survey Ireland. All rights reserved. Licence number 2010/17CCMA/Galway County Council.

Clients

Consultant

Corporate House
City East Business Park
Ballybrit, Galway, Ireland.

Tel +353 (0)91 480675
www.N6GalwayCity.ie
www.arup.ie

Job Title
N6 Galway City Ring Road

Scale
AS SHOWN @ A1

Date:
June 2017

Issue	Date	By	Chkd	Appd
I2	17/10/2017	LM	PM	MS
I1	1/06/2017	LM	PM	MS

Drawing Title
Culverts and Underpasses Structure C09-01 to 05 Sheet 1

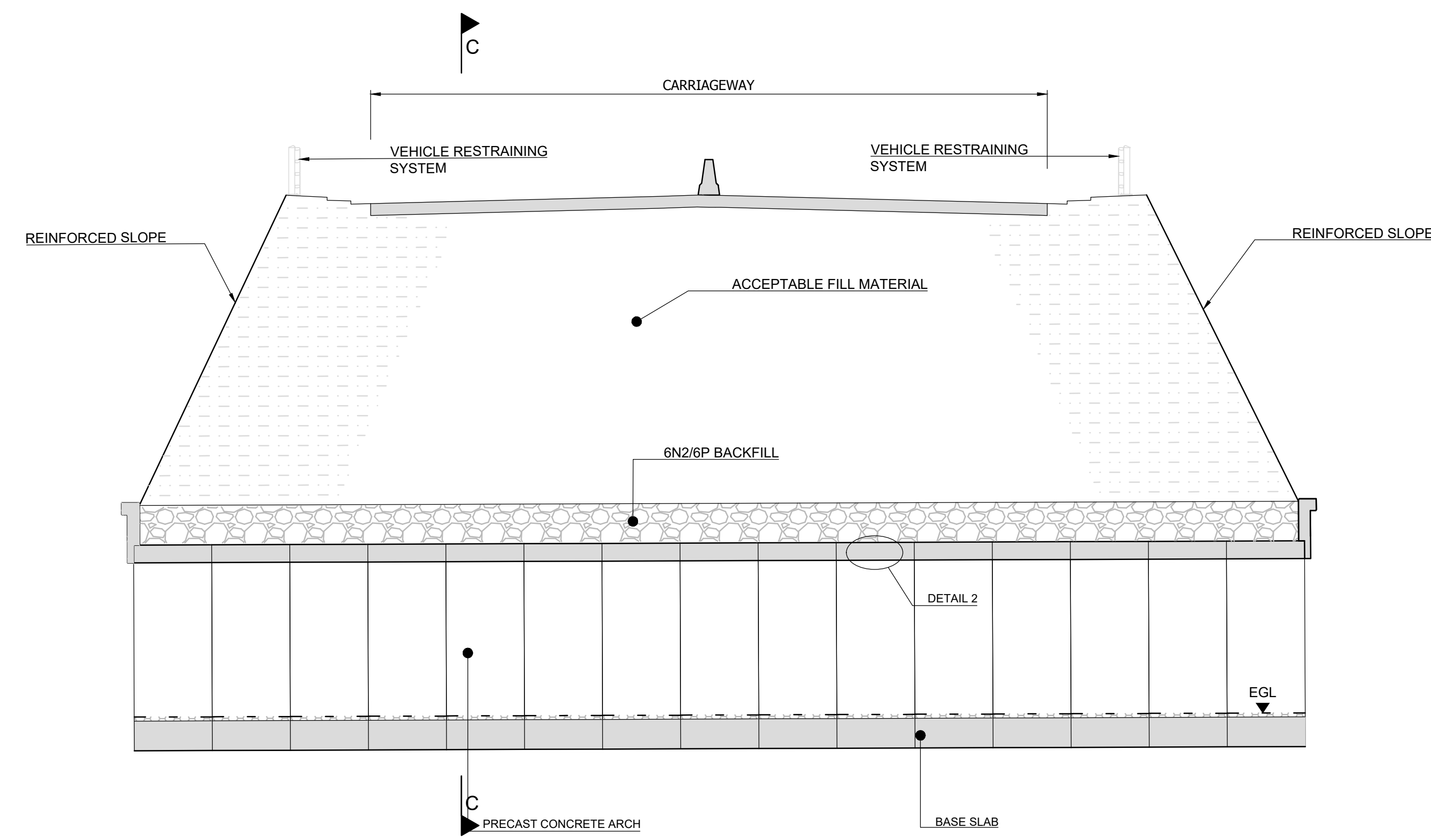
Drawing Status
For Information

Job No
233985

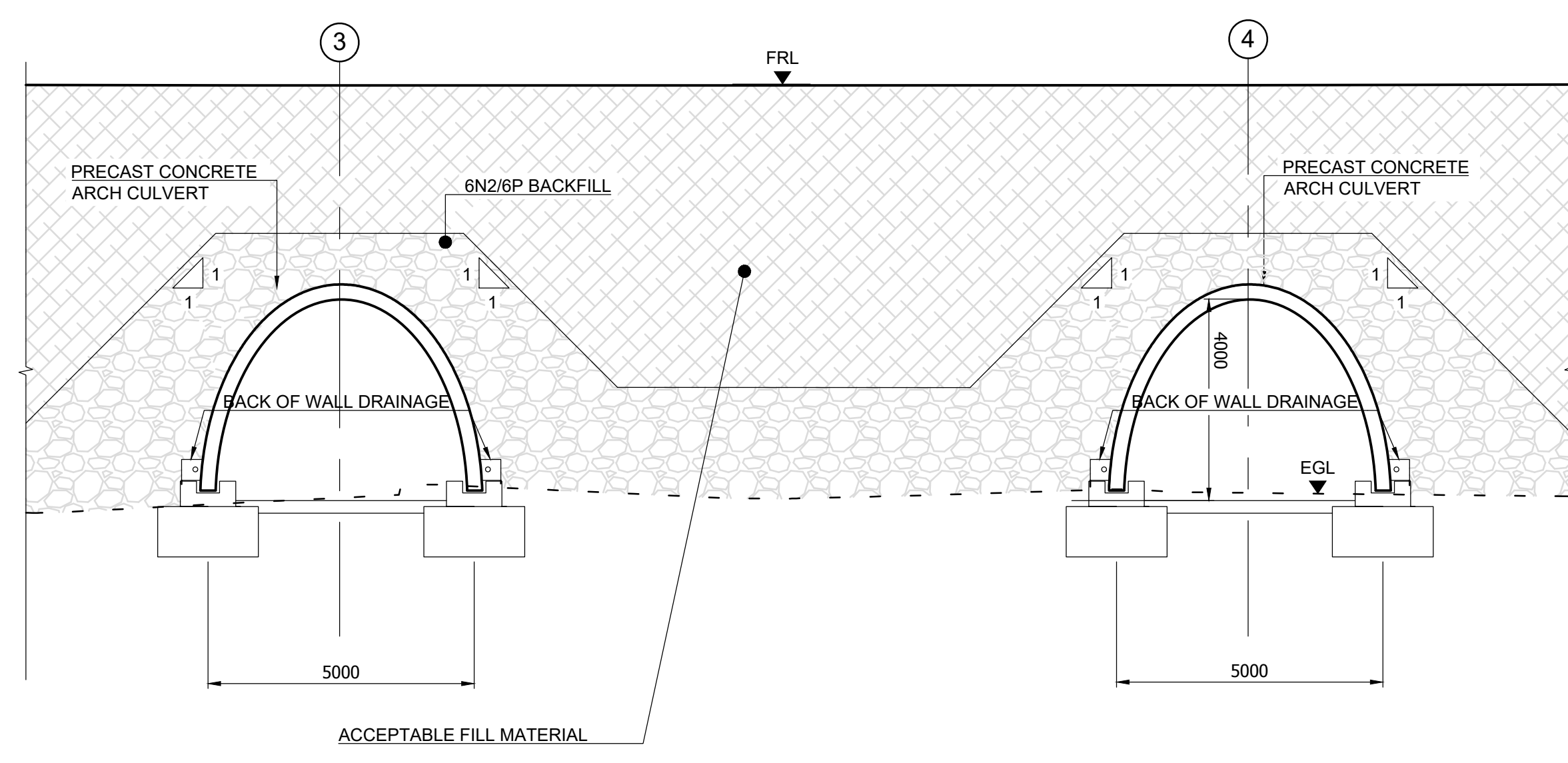
Drawing No
GC08-D-ST-C09-1 to 5-001

Issue
12

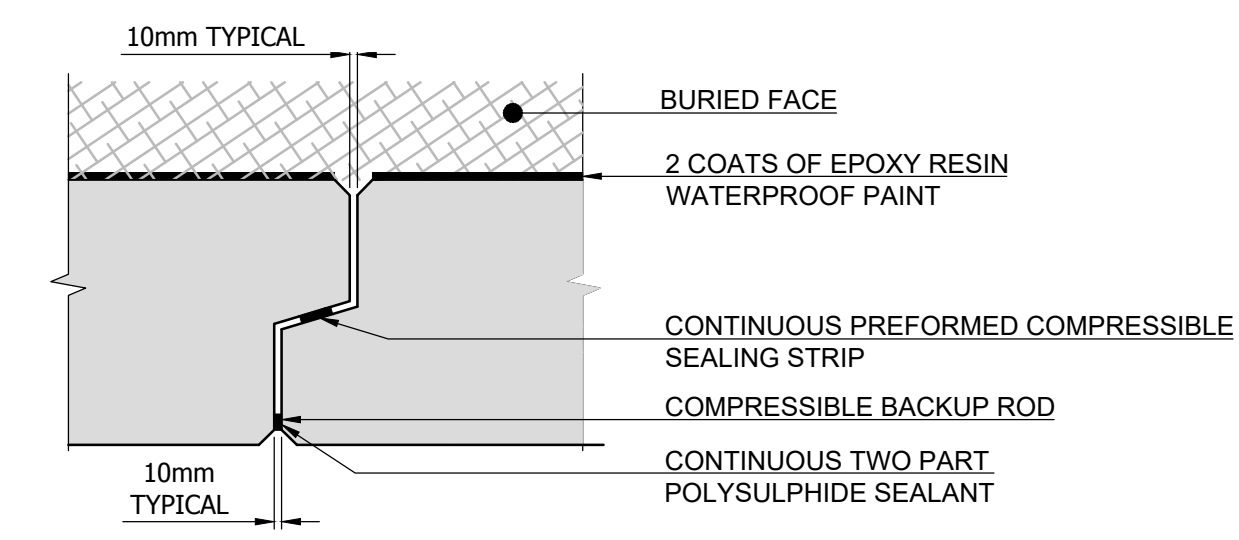
- NOTES:**
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE SHOWN IN METERS ABOVE ADVANCE DATUM.



SECTION B-B
SCALE: 1:100



TYPICAL SECTION C-C
SCALE: 1:100



DETAIL 2
SCALE: 1:10

Clients

Consultant

Corporate House
City East Business Park
Ballybrit, Galway, Ireland.

Tel +353 (0)91 480675
www.N6GalwayCity.ie
www.arup.ie

Job Title

N6 Galway City Ring Road

Scale **AS SHOWN @ A1**

Date **June 2017**

Issue	Date	By	Chkd	Appd
I2	17/10/2017	LM	PM	MS
I1	01/06/2017	LM	PM	MS

Drawing Title

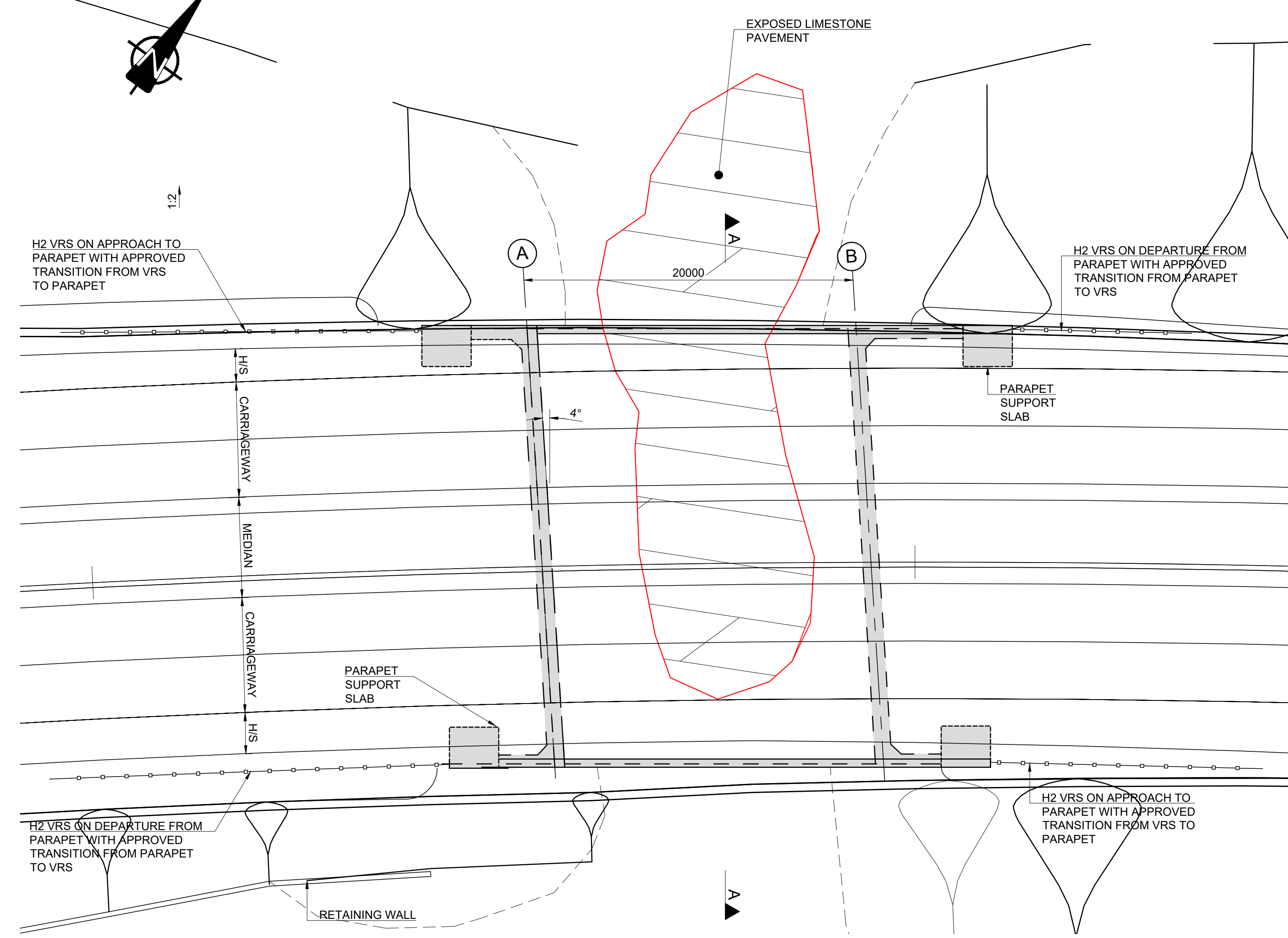
**Culverts and Underpasses
Structure C09-01 to 05
Sheet 2**

Drawing Status

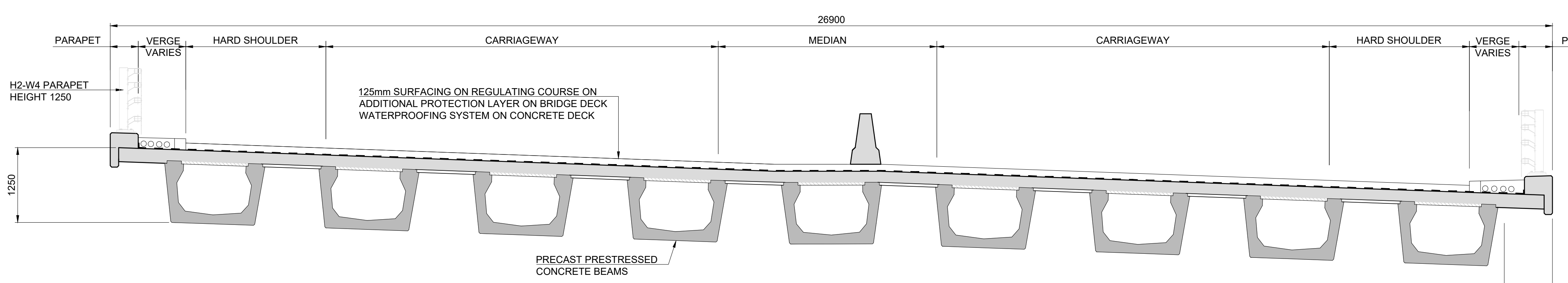
For Information

Job No **233985** Drawing No **GC08-1700-D-C09-1 to 5-002** Issue **I2**

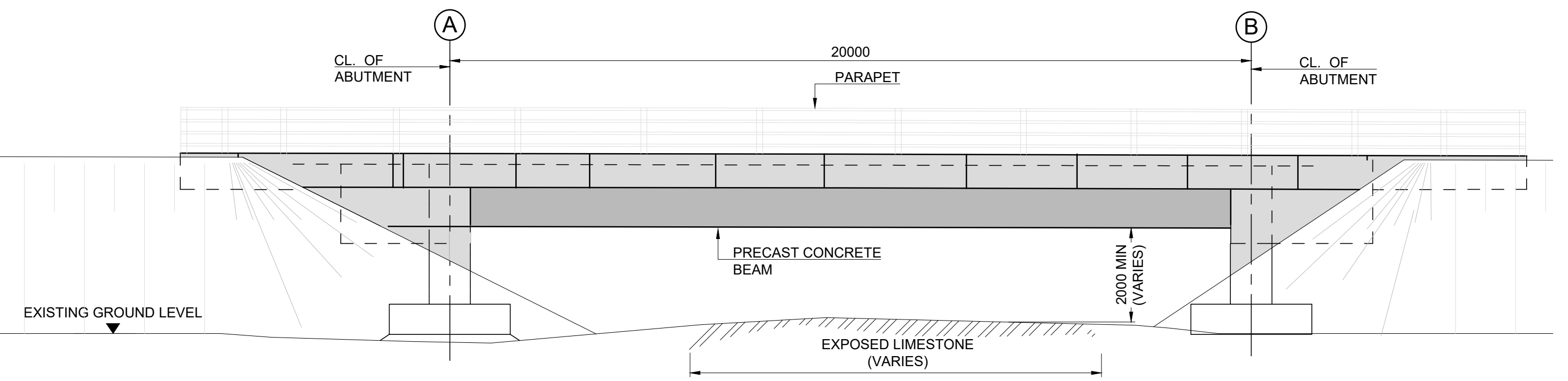
- NOTES:**
- ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE SHOWN IN METRES ABOVE ORDNANCE DATUM.



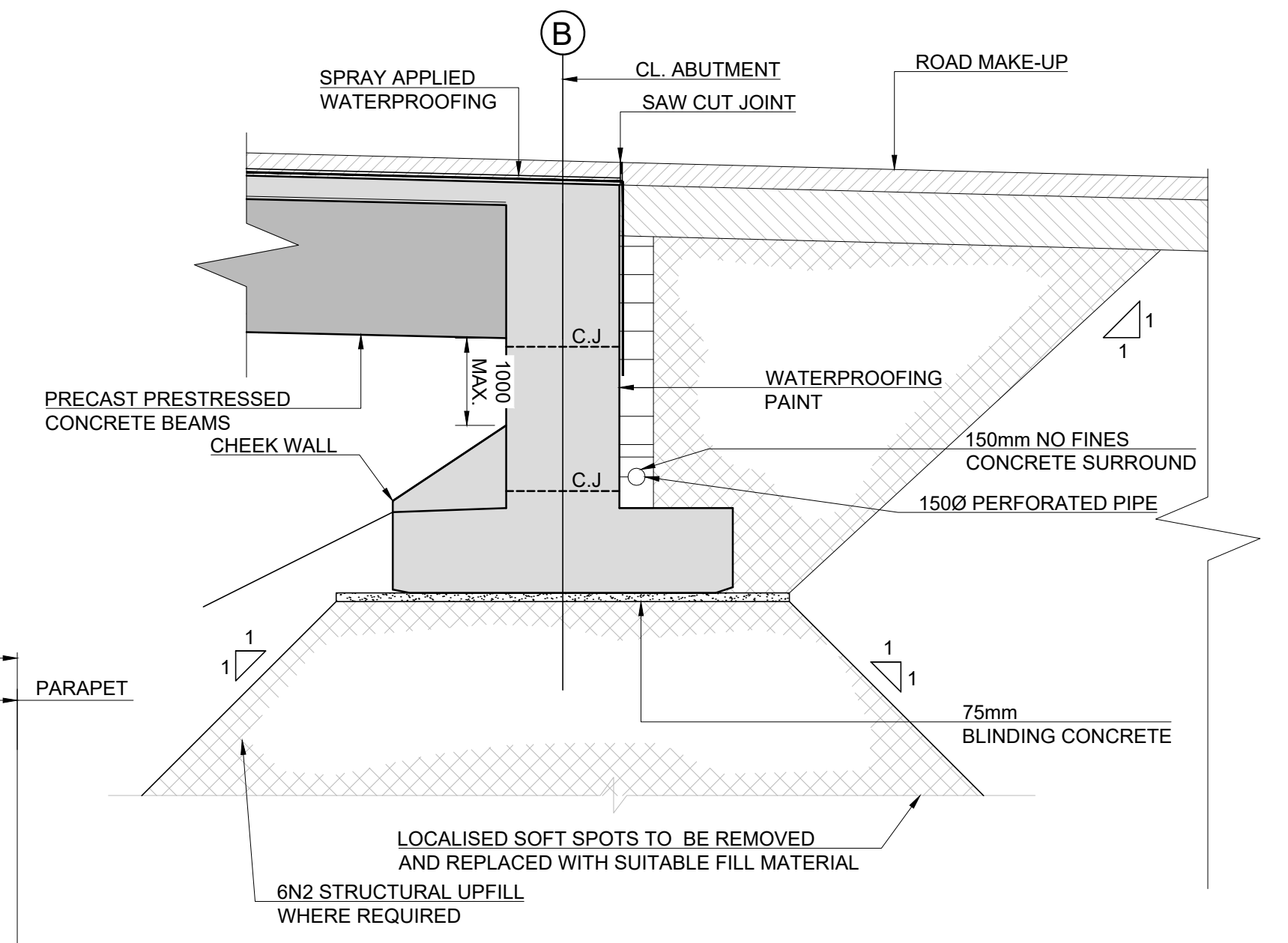
PLAN ON BRIDGE
SCALE 1:200



SECTION A-A
SCALE: 1:50



TYPICAL ELEVATION
SCALE 1:100



TYPICAL WEST ABUTMENT CROSS SECTION
SCALE 1:50

San áireamh tá sonraíocht Shuirbhíreachtí Ordánáís Éireann arna aistriú go dtí fíor Chosúnas OSI Uimh. 2010/17CCMA/Comhairle Contae na Gaillimhe. Sárúinn aistriú go dtí fíor Chosúnas OSI Uimh. 2010/17CCMA/Comhairle Contae na Gaillimhe. © Suirbhíreachtí Ordánáís Éireann, 2010.

© Suirbhíreachtí Ordánáís Éireann. Gach ceart ar chosaint. Uimhir cheadúnais 2010/17CCMA/Comhairle Contae na Gaillimhe.

Includes Ordnance Survey Ireland data reproduced under OSI Licence number 2010/17CCMA/Galway County Council. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland, 2010.

© Ordnance Survey Ireland. All rights reserved. Licence number 2010/17CCMA/Galway County Council.

Clients

Comhairle Chontae na Gaillimhe
Galway County Council

An Roinn Iompair
Turasóireacht agus Spóirt
Department of Transport, Tourism and Sport

TII
Transport Infrastructure Ireland

Consultant

ARUP

Corporate House
City East Business Park
Ballybrit, Galway, Ireland.

Tel +353 (0)91 460675
www.NGalwayCity.ie
www.arup.ie

Job Title
N6 Galway City Ring Road

Scale
AS SHOWN @ A1

Date
July 2016

Issue	Date	By	Chkd	Appd
I2	30/06/2017	LM	PM	EMC
I1	11/07/2016	PD	PM	EMC

Drawing Title
**Culverts and Underpasses:
Structure C10/01**

Drawing Status

For Information

Job No	Drawing No	Issue
233985	GCOB-1700-D-C10-01-001	12