

MONASTEREVIN BRIDGE
ITM COORDINATES:
E: 662626
N: 710112

Monasterevin Bridge Site Location Map
 SCALE: 1:500 @ A1

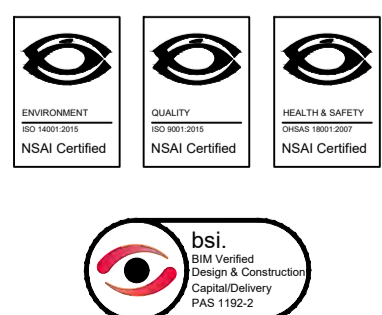
Monasterevin Bridge Site Location Map
 SCALE: 1:50000 @ A1

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
 9 Prussia Street,
 Dublin 7.
 D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
 w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
 Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge Site Location Map

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0100	A3	C01

Date: 09/04/20 Scale: Shown @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

Legend Plan:

- Water
- Parapet Walls
- Road Surface
- Footpath
- Embankment
- Cutwaters
- Overhead Telecom
- Overhead Electrical
- Telecom Pole
- Hand Railing
- Mesh Fencing
- Bollard
- Fire Hydrant
- Eircom Manhole

Monasterevin Bridge
Plan
SCALE: 1:100 @ A1



Upstream
Culvert
Outlet

Downstream
Culvert
Outlet
(225mm Ø)

NOTES:
1. Grid System (Irish Transverse Mercator)
2. Datum (Malin Head OSGM15)

MONASTEREVIN BRIDGE
ITM COORDINATES:
E: 662626
N: 710112

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROHAN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57



TEL +353 (0)1 8682000
e: contactus@ocsc.ie
w: www.ocsc.ie
Dublin | London | Belfast | Galway | Cork | Birmingham

Client: Kildare County Council
Project: Monasterevin Bridge Remediation
Title: Monasterevin Bridge Existing Layout Plan
Code | Originator | Zone | Level | Type | Role | Number | Status | Revision
K424 · OCSC · XX · XX · DR · C · 0101 · A3 · C01
Date: 09/04/20 Scale: 1:100 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

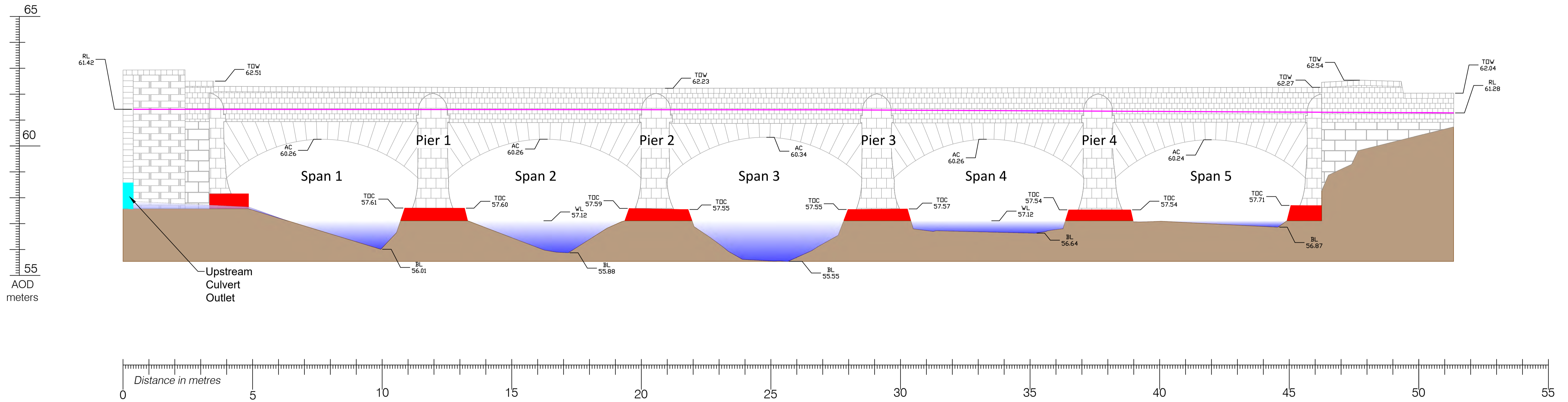
Legend Elevation:

- Water
- Earth
- Concrete Skirt
- Vegetation
- Concrete Surface
- Masonry Surface
- Culvert
- Road Level (Centre Line)
- Overhead Telecom
- Overhead Electrical

Monasterevin Bridge Upstream Elevation

SCALE: 1:75 @ A1

- TOW = Top of Wall
- TB = Top of Bank
- BB = Bottom of Bank
- BL = Bed Level
- AC = Arch Crown
- WL = Water Level
- TOC = Top of Cutwater
- RL = Road Level

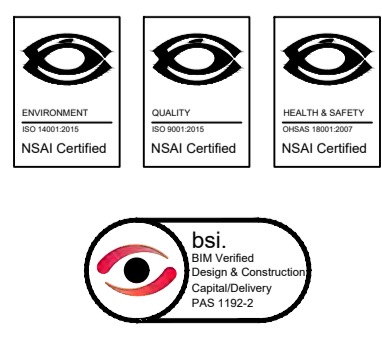


NOTES:
 1. Grid System (Irish Transverse Mercator)
 2. Datum (Malin Head OSGM15)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
 9 Prussia Street,
 Dublin 7.
 D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
 w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client:	Kildare County Council				
Project:	Monasterevin Bridge Remediation				
Title:	Monasterevin Bridge Existing Layout Upstream Elevation				
Code	Originator	Zone	Level	Type	Role
K424	OCSC	XX	XX	DR	C
Date:	09/04/20	Scale:	1:75	@ A1	Drn by:MF
					Chkd by:BH
					Aprvd by:BO'R

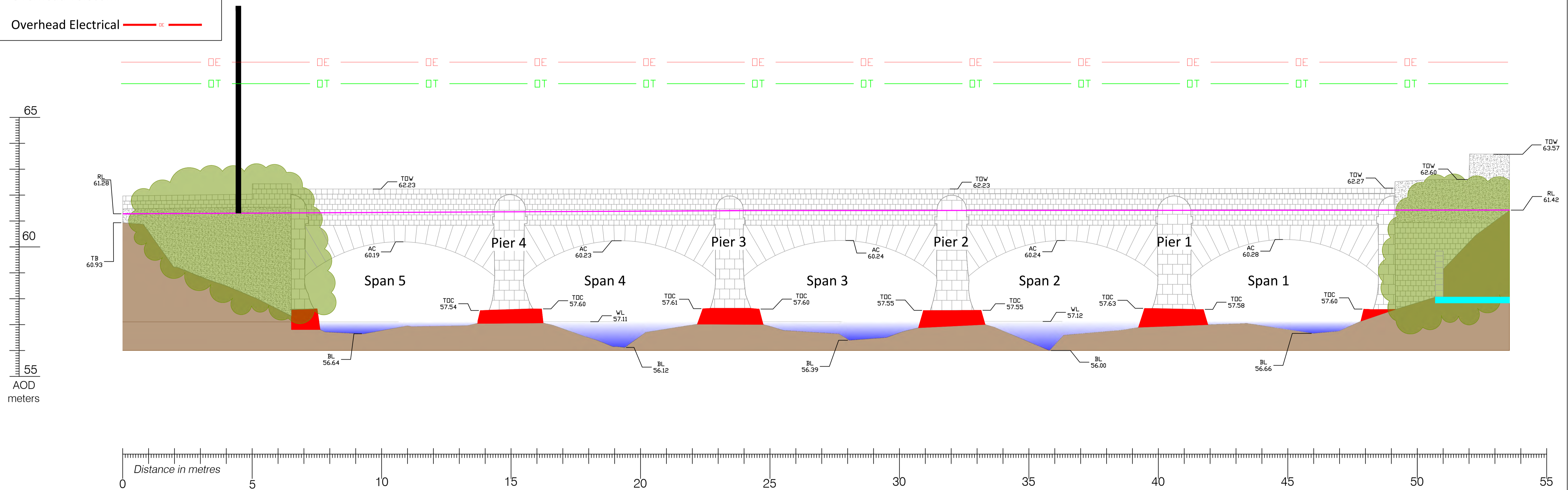
Legend Elevation:

- Water
- Earth
- Concrete Skirt
- Vegetation
- Concrete Surface
- Masonry Surface
- Culvert
- Road Level (Centre Line)
- Overhead Telecom
- Overhead Electrical

Monasterevin Bridge Downstream Elevation

SCALE: 1:75 @ A1

- TOW = Top of Wall
- TB = Top of Bank
- BB = Bottom of Bank
- BL = Bed Level
- AC = Arch Crown
- WL = Water Level
- TOC = Top of Cutwater
- RL = Road Level

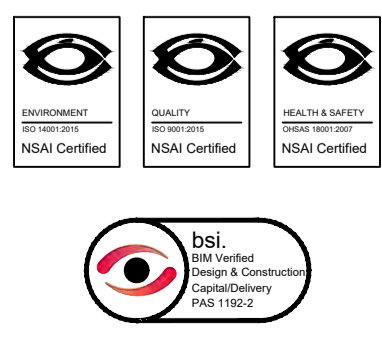


NOTES:
 1. Grid System (Irish Transverse Mercator)
 2. Datum (Malin Head OSGM15)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
 9 Prussia Street,
 Dublin 7.
 D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
 w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council	
Project: Monasterevin Bridge Remediation	
Title: Monasterevin Bridge Existing Layout Downstream Elevation	
Code	Originator
K424	OCSC
Zone	Level
XX	XX
Type	Role
DR	C
Number	Status
0103	A3
Revision	
C01	
Date: 09/04/20 Scale: 1:75 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R	

Monasterevin Bridge

Plan

SCALE: 1:100 @ A1

RC01
ITM COORDINATES
E: 662605
N: 710106

RC02
ITM COORDINATES
E: 6622612
N: 710109

RC03
ITM COORDINATES
E: 662620
N: 710112

RC04
ITM COORDINATES
E: 662628
N: 710115

RC05
ITM COORDINATES
E: 662636
N: 710119

Pier 4

Pier 3

Pier 2

Pier 1

NOTES:
1. Grid System (Irish Transverse Mercator)
2. Datum (Malin Head OSGM15)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7,
D07 K757

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge Site Investigation Bore Hole Locations

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0104	A3	C01

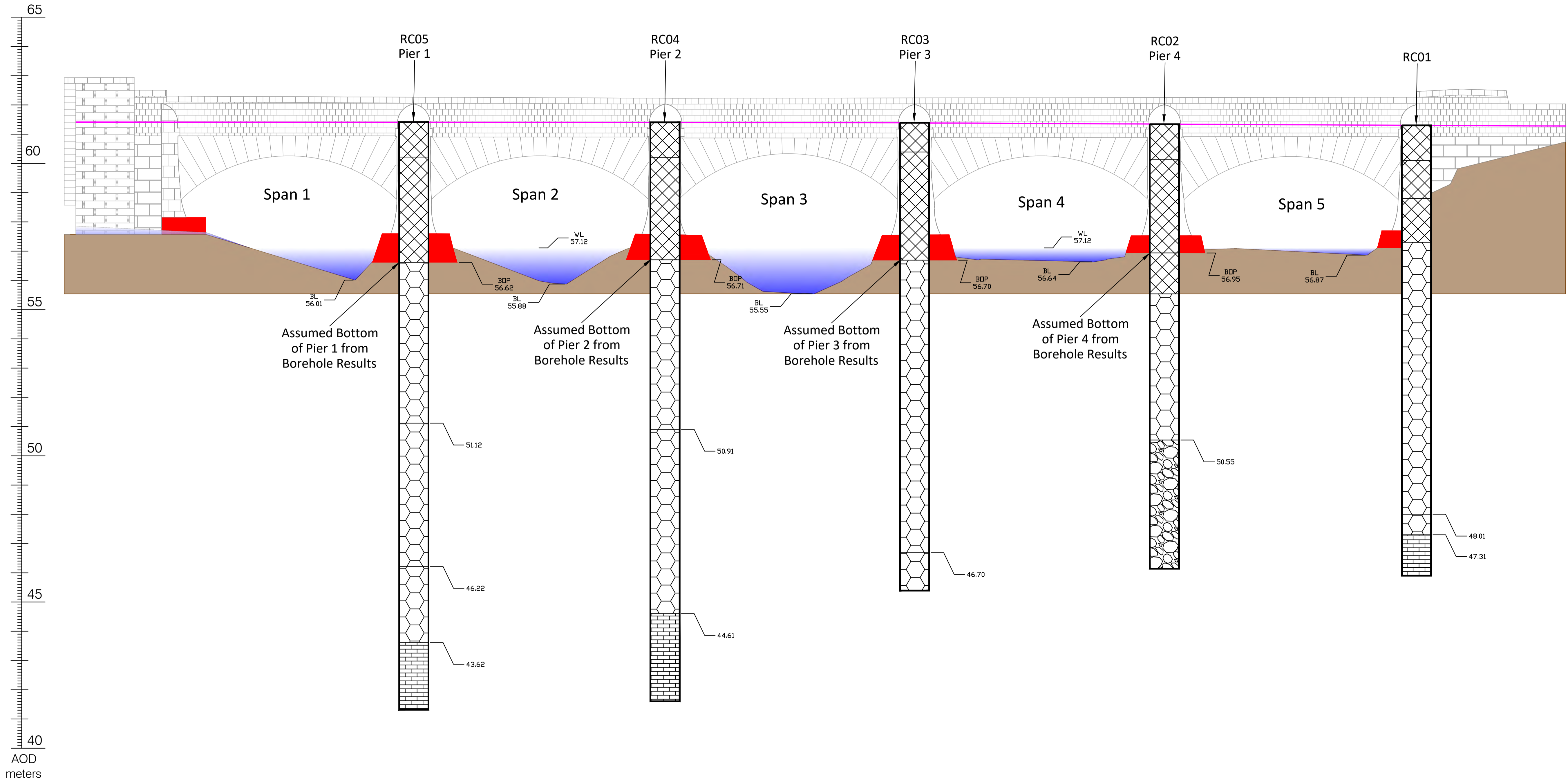
Date: 09/04/20 Scale: 1:100 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

Bore Hole Legend

- Made Ground
- Gravelly Clay
- Clayey Sandy Gravel
- Limestone Rock

Monasterevin Bridge Upstream Elevation

SCALE: 1:75 @ A1



NOTES:
 1. Grid System (Irish Transverse Mercator)
 2. Datum (Malin Head OSGM15)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7.
D07 KT57

TEL +353 (0)1 8682000

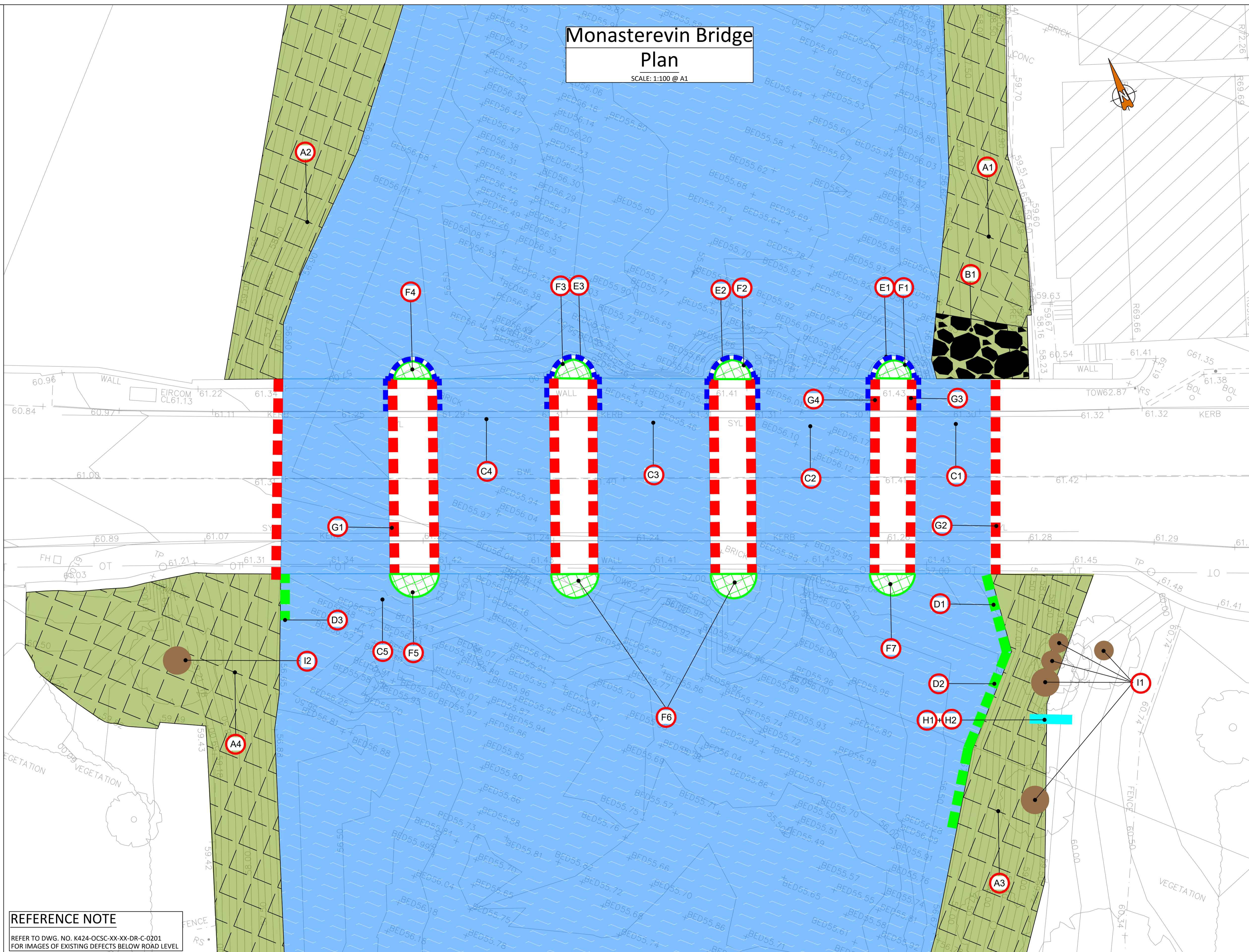
e: contactus@ocsc.ie
w: www.ocsc.ie



Dublin | London | Belfast | Galway | Cork | Birmingham

Client:	Kildare County Council						
Project:	Monasterevin Bridge Remediation						
Title:	Monasterevin Bridge Site Investigations Bore Hole Results						
Code	Originator	Zone	Level	Type	Role	Number	Status
K424	OCSC	XX	XX	DR	C	0105	A3
Date: 09/04/20							Scale: 1:75 @ A1
Drn by: MF							Chkd by: BH
Aprvd by: BO'R							

- Legend Plan:**
- A. Overgrown Embankments & Debris
 - 1. Image 1
 - 2. Image 2
 - 3. Image 3
 - 4. Image 4
 - B. Rock Armour Needing Replacement
 - 1. Image 5
 - C. Excess Riverbed Material
 - 1. Image 6
 - 2. No Image
 - 3. No Image
 - 4. No Image
 - 5. Image 7
 - D. Scouring of Embankment
 - 1. Image 8
 - 2. Image 9
 - 3. Image 10
 - E. Scouring Causing Failure of Pier + Cutwater
 - 1. Image 11
 - 2. Image 12
 - 3. Image 13
 - F. Vegetation Growth on Pier + Cutwater
 - 1. Image 11
 - 2. Image 12
 - 3. Image 13
 - 4. Image 14
 - 5. Image 7
 - 6. Image 15
 - 7. Image 16
 - G. Loss of Mortar on Abutments
 - 1. Image 17
 - 2. Image 18
 - 3. Image 19
 - 4. Image 20
 - H. Culvert in poor condition
 - 1. Image 21
 - 2. Image 22
 - I. Trees Causing Issues
 - 1. Image 23
 - 2. Image 24



Monasterevin Bridge
Plan
SCALE: 1:100 @ A1

REFERENCE NOTE
REFER TO DWG. NO. K424-OCSC-XX-XX-DR-C-0201 FOR IMAGES OF EXISTING DEFECTS BELOW ROAD LEVEL

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge Existing Defects Below Road Level Plan

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424-OCSC-XX-XX-DR-C-0200	A3	C01						

Date: 09/04/20 Scale: 1:100 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

**Monasterevin Bridge
Photos of Existing Defects
Below Road Level**



Image 1
Legend Annotation (A1)



Image 2
Legend Annotation (A2)



Image 3
Legend Annotation (A3)



Image 4
Legend Annotation (A4)



Image 5
Legend Annotation (B1)



Image 6
Legend Annotation (C1)



Image 7
Legend Annotation (C5) + (F5)



Image 8
Legend Annotation (D1)



Image 9
Legend Annotation (D2)



Image 10
Legend Annotation (D3)



Image 11
Legend Annotation (E1) + (F1)



Image 12
Legend Annotation (E2) + (F2)

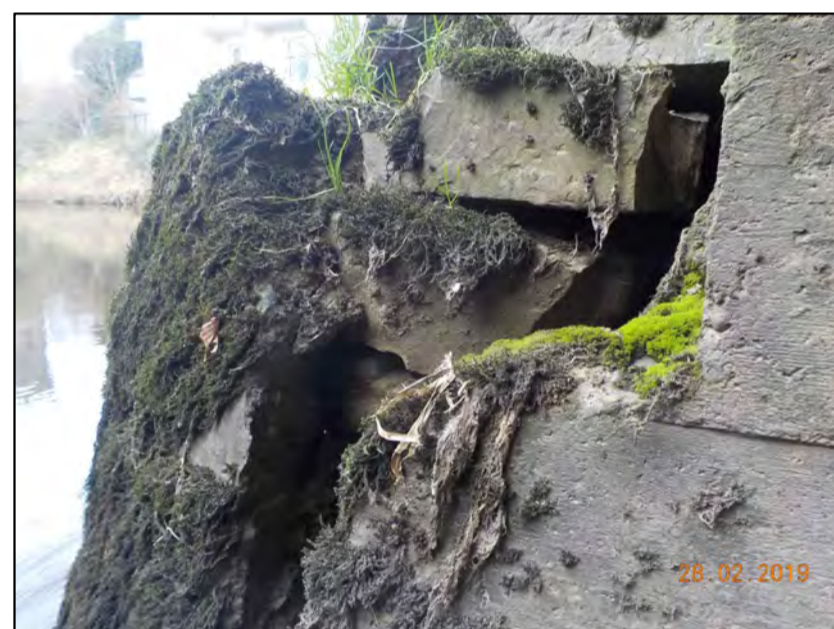


Image 13
Legend Annotation (E3) + (F3)

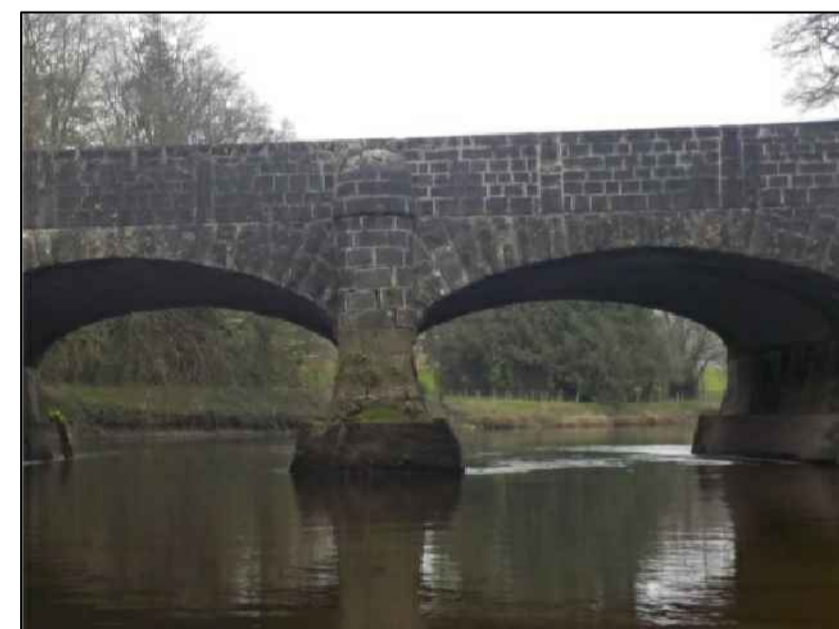


Image 14
Legend Annotation (F4)

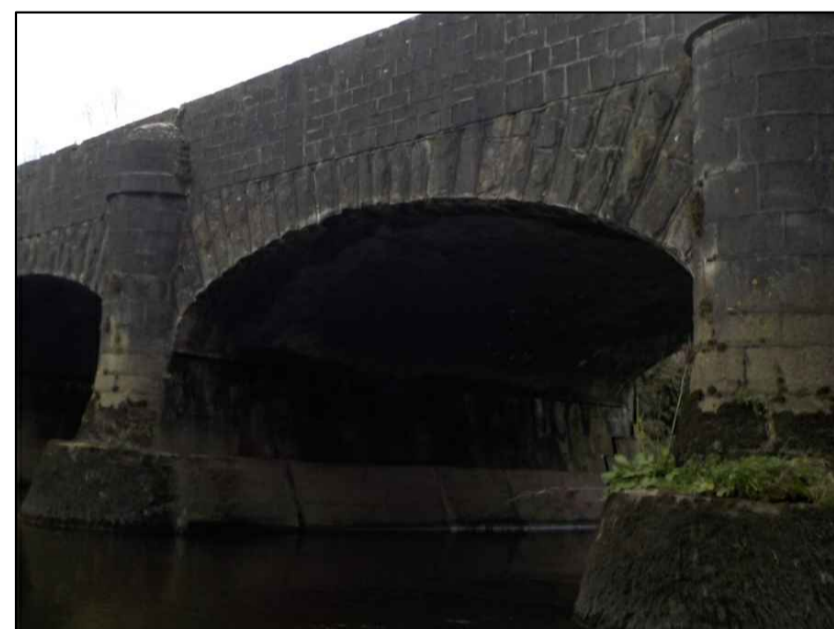


Image 15
Legend Annotation (F6)



Image 16
Legend Annotation (F7)



Image 17
Legend Annotation (G1)



Image 18
Legend Annotation (G2)



Image 19
Legend Annotation (G3)



Image 20
Legend Annotation (G4)

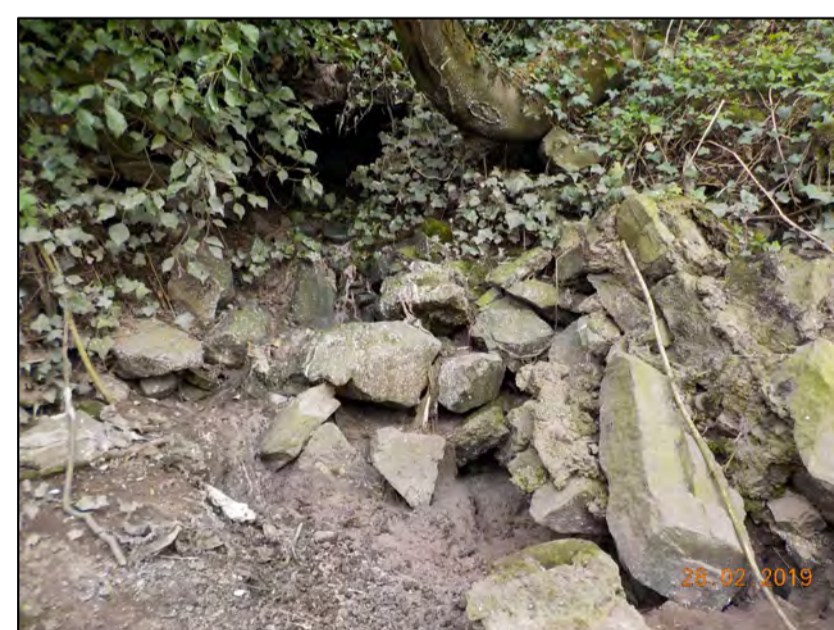


Image 21
Legend Annotation (H1)



Image 22
Legend Annotation (H2)



Image 23
Legend Annotation (I1)



Image 24
Legend Annotation (I2)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000
e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge
Photos of Existing Defects
Below Road Level

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0201	A3	C01

Date: 09/04/20 Scale: N/A @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

Legend Plan:

- I. Trees Causing Issues
- 3. Image 1
- 4. Image 2
- 5. Image 3

- J. Bridge Surface Damaged
- 1. Image 4
- 2. Image 5
- 3. Image 6

- K. Retaining Wall Damaged
- 1. Image 7
- 2. Image 8
- 3. Image 9
- 4. Image 10

- L. Vegetation Growth on Parapet Wall
- 1. Image 11
- 2. Image 12
- 3. Image 13
- 4. Image 14
- 5. Image 15
- 6. Image 16

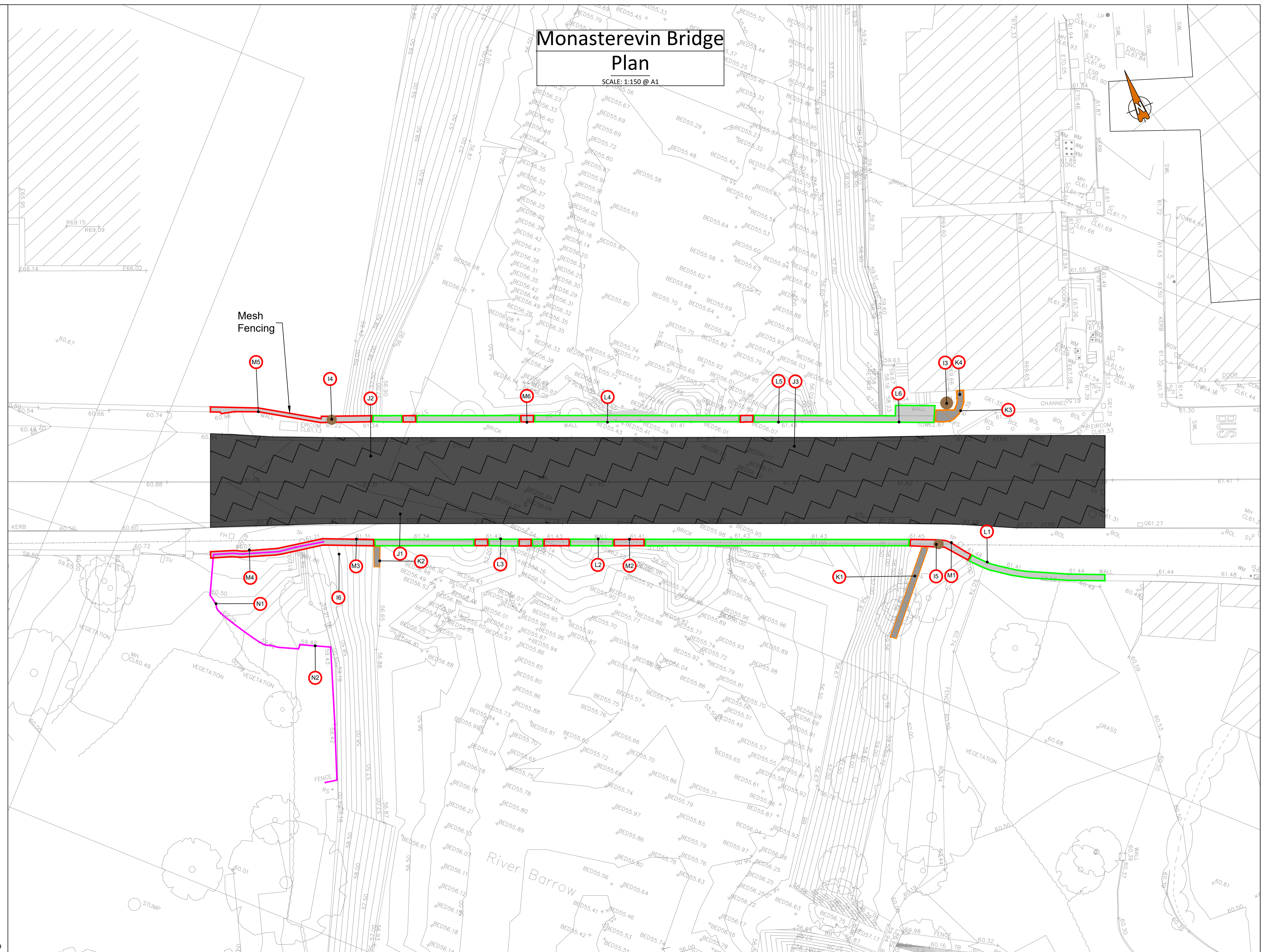
- M. Parapet Wall/ Copping Damaged
- 1. Image 17
- 2. Image 18
- 3. Image 19
- 4. Image 20
- 5. Image 21
- 6. Image 22

- N. Deteriorated Hand Rail
- 1. Image 23
- 2. Image 24

Monasterevin Bridge

Plan

SCALE: 1:150 @ A1

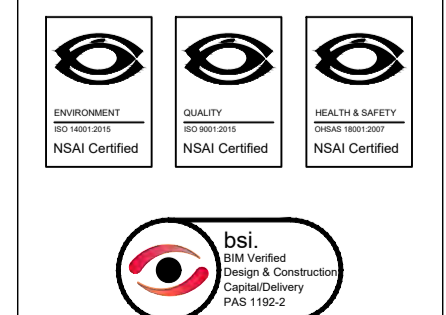


REFERENCE NOTE
 REFER TO DWG. NO. K424-OCSC-XX-XX-DR-C-0203
 FOR IMAGES OF EXISTING DEFECTS AT ROAD LEVEL

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
 9 Prussia Street,
 Dublin 7,
 D07 K757

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
 w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client:	Kildare County Council								
Project:	Monasterevin Bridge Remediation								
Title:	Monasterevin Bridge Existing Defects at Road Level Plan								
Code	Originator	Zone	Level	Type	Role	Number	Status	Revision	
K424	OCSC	XX	XX	DR	C	0202	A3	C01	
Date:	09/04/20		Scale:	1:150 @ A1		Drn by:	MF	Chkd by:	BH
Aprvd by:	BO'R								

Monasterevin Bridge

Photos of Existing Defects at Road Level



Image 1
Legend Annotation (I3)



Image 2
Legend Annotation (I4)

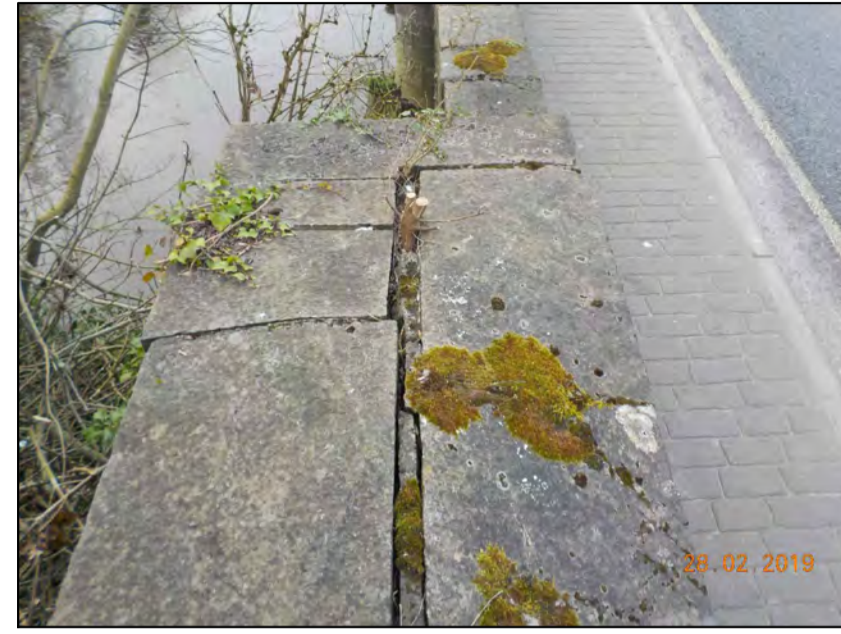


Image 3
Legend Annotation (I5)



Image 4
Legend Annotation (J1)



Image 5
Legend Annotation (J2)



Image 6
Legend Annotation (J3)



Image 7
Legend Annotation (K1)



Image 8
Legend Annotation (K2)



Image 9
Legend Annotation (K3)



Image 10
Legend Annotation (K4)



Image 11
Legend Annotation (L1)



Image 12
Legend Annotation (L2)



Image 13
Legend Annotation (L3)



Image 14
Legend Annotation (L4)



Image 15
Legend Annotation (L5)



Image 16
Legend Annotation (L6)



Image 17
Legend Annotation (M1)



Image 18
Legend Annotation (M2)



Image 19
Legend Annotation (M3)



Image 20
Legend Annotation (M4)



Image 21
Legend Annotation (M5)



Image 22
Legend Annotation (M6)



Image 23
Legend Annotation (N1)



Image 24
Legend Annotation (N2)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge
Photos of Existing Defects
at Road Level

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0203	A3	C01

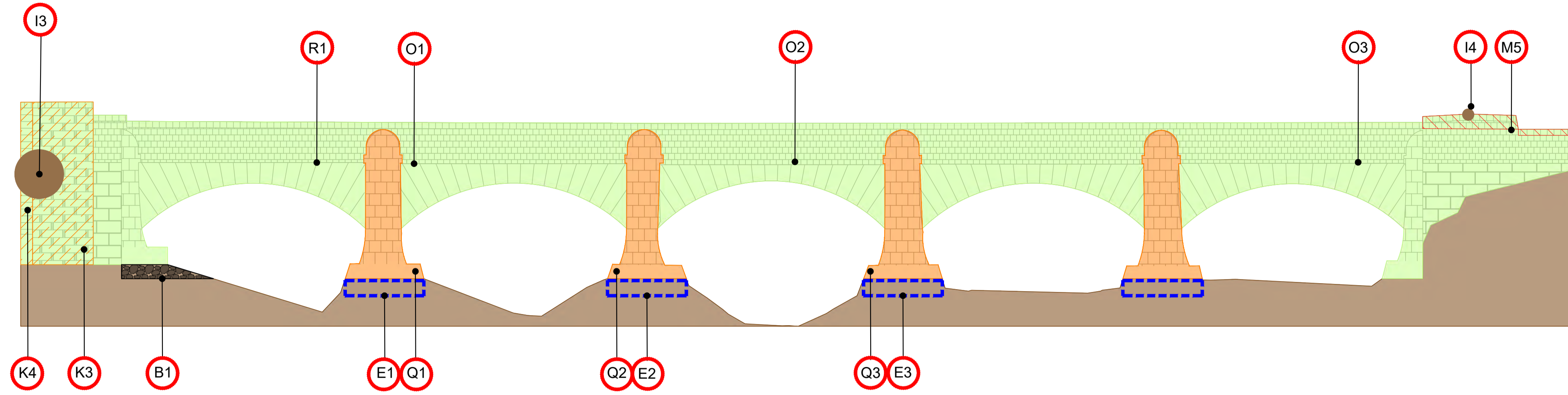
Date: 09/04/20 Scale: N/A @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

Legend Elevation:

- B. Rock Armour Needing Replacement
1. Refer to Image 5 on Drawing 0201
- D. Scouring of Embankment
1. Refer to Images 8+9 on Drawing 0201
- E. Scouring Causing Cracking of Pier + Cutwater
1. Image 1
2. Image 2
3. Image 3
- H. Culvert in poor condition
1. Image 4
2. Image 5
- I. Trees Causing Issues
1. Image 6
2. Image 7
3. Image 8
4. Image 15
- K. Retaining Wall Damaged
1. Image 9
2. Image 10
3. Image 11
4. Image 12
- M. Parapet Wall/ Copping Damaged
4. Image 13
5. Image 14 (Roadside)
5. Image 15 (Roadside)
- O. Vegetation Growth on Upstream Elevation
1. Image 16
2. Image 17
3. Image 18
- P. Vegetation Growth on Downstream Elevation
1. Image 19
2. Image 20
3. Image 21
- Q. Piers + Cutwaters Failing Due to Scouring
1. Image 22
2. Image 23
3. Image 24
- R. Loss of Mortar Throughout Upstream Elevation
1. Image 16
- S. Loss of Mortar Throughout Downstream Elevation
1. Image 20

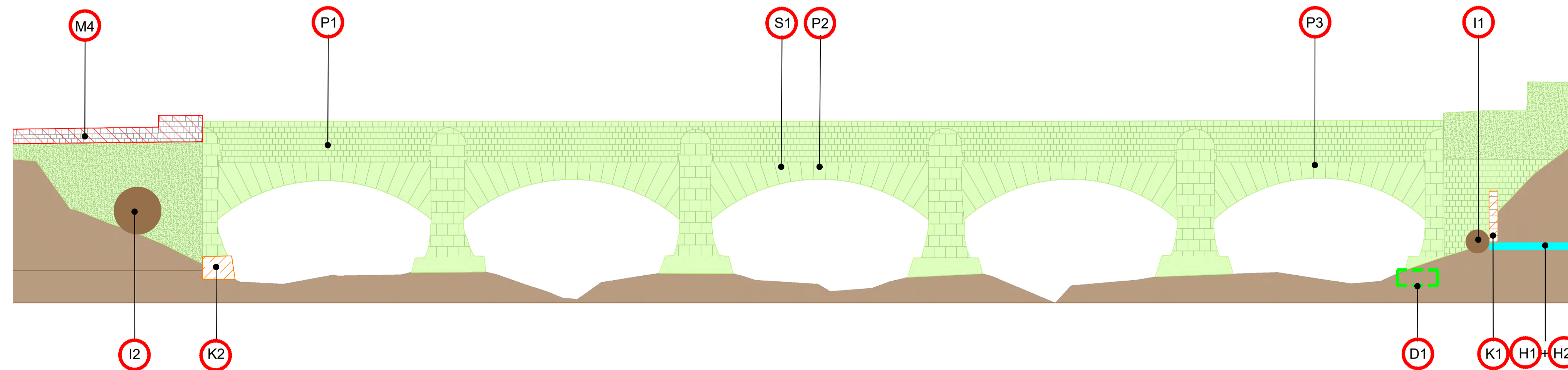
Monasterevin Bridge Upstream Elevation

SCALE: 1:100 @ A1



Monasterevin Bridge Downstream Elevation

SCALE: 1:100 @ A1



REFERENCE NOTE

REFER TO DWG. NO. K424-OCSC-XX-XX-DR-C-0205 FOR IMAGES OF EXISTING DEFECTS AT ELEVATIONS

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7.
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge Existing Defects at Elevations

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0204	A3	C01

Date: 09/04/20 Scale: 1:100 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

Monasterevin Bridge Photos of Existing Defects at Elevations



Image 1
Legend Annotation (E1)



Image 2
Legend Annotation (E2)



Image 3
Legend Annotation (E3)



Image 4
Legend Annotation (H1)



Image 5
Legend Annotation (H2)



Image 6
Legend Annotation (I1)



Image 7
Legend Annotation (I2)



Image 8
Legend Annotation (I3)



Image 9
Legend Annotation (K1)



Image 10
Legend Annotation (K2)



Image 11
Legend Annotation (K3)



Image 12
Legend Annotation (K4)



Image 13
Legend Annotation (M4)



Image 14
Legend Annotation (M5)



Image 15
Legend Annotation (I4) + (M5)



Image 16
Legend Annotation (O1 + R1)



Image 17
Legend Annotation (O2)



Image 18
Legend Annotation (O3)



Image 19
Legend Annotation (P1)

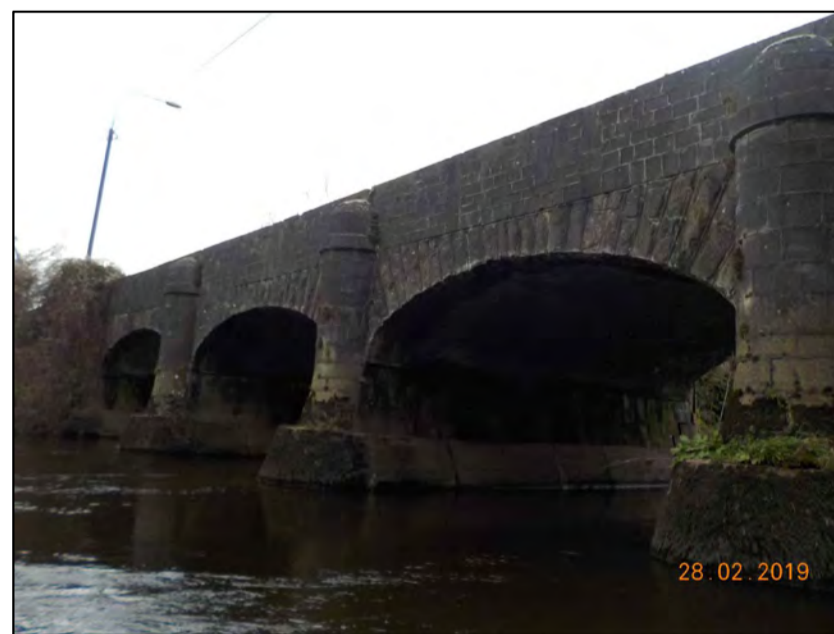


Image 20
Legend Annotation (P2 + S1)



Image 21
Legend Annotation (P3)



Image 22
Legend Annotation (Q1)

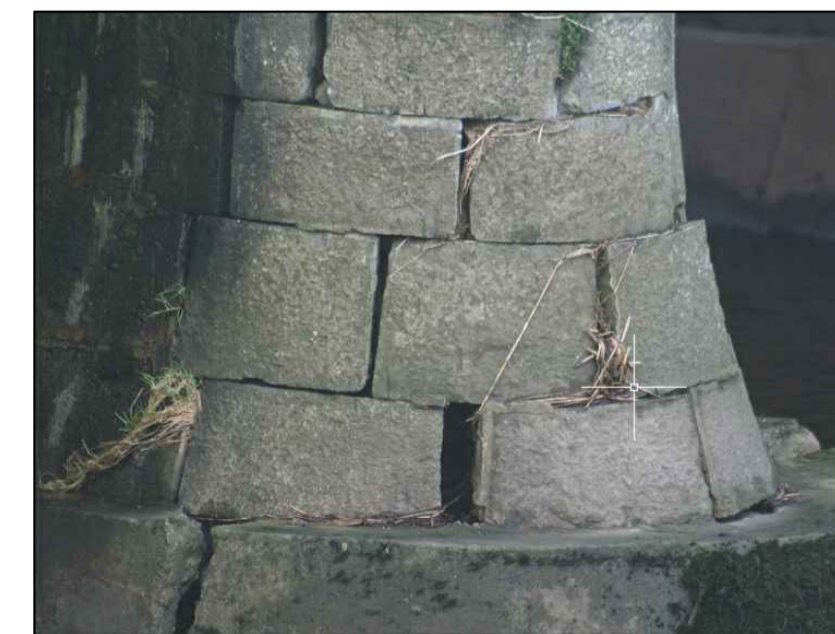


Image 23
Legend Annotation (Q2)



Image 24
Legend Annotation (Q3)

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000
e: contactus@ocsc.ie
w: www.ocsc.ie



Dublin | London | Belfast | Galway | Cork | Birmingham

Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge
Photos of Existing Defects
at Elevations

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0205	A3	C01

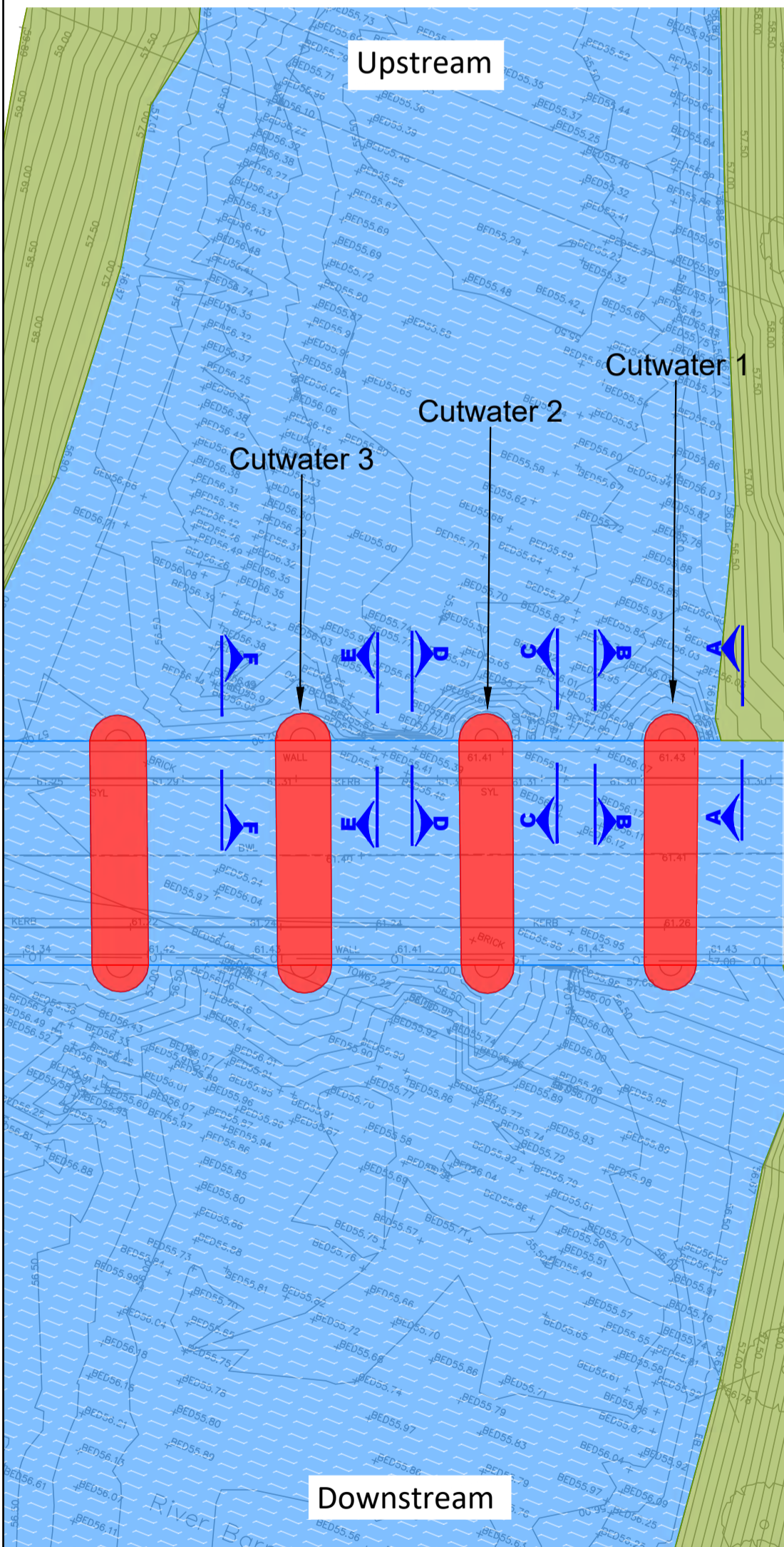
Date: 09/04/20 Scale: N/A @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

Legend

- Concrete Skirt
- Pier Abutment
- Arch Barrel
- Cutwater
- Crack

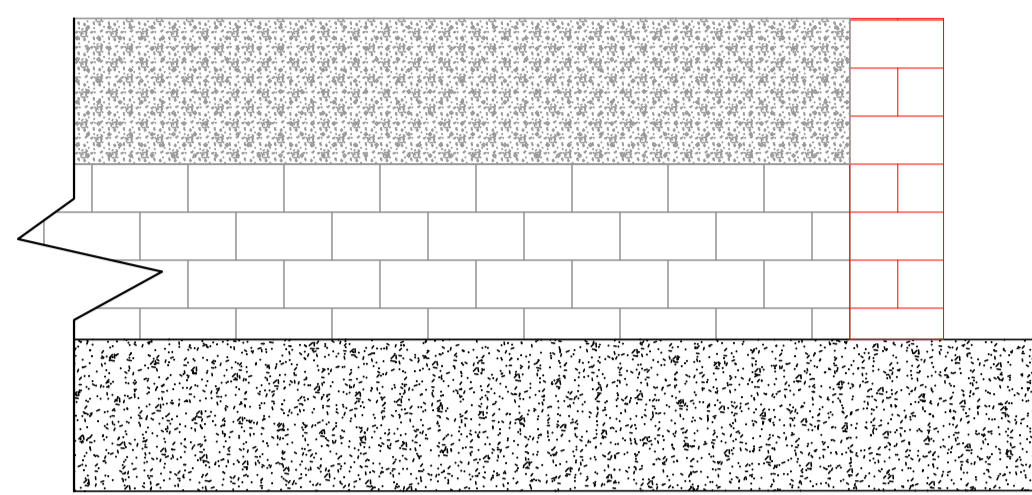
Monasterevin Bridge Keyplan

SCALE: 1:250 @ A1

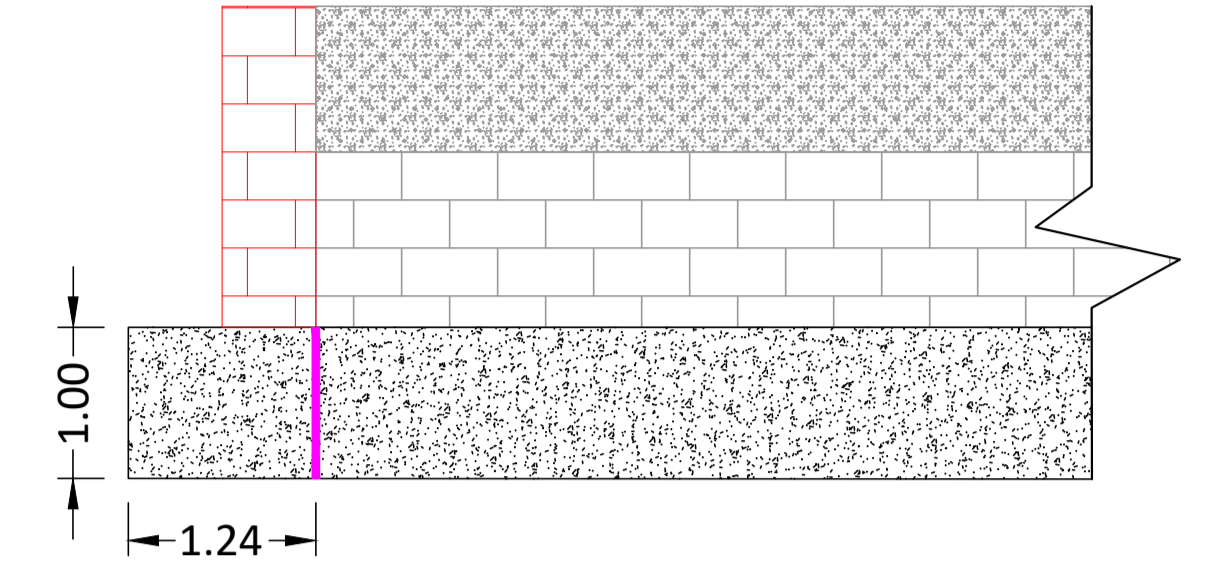


ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

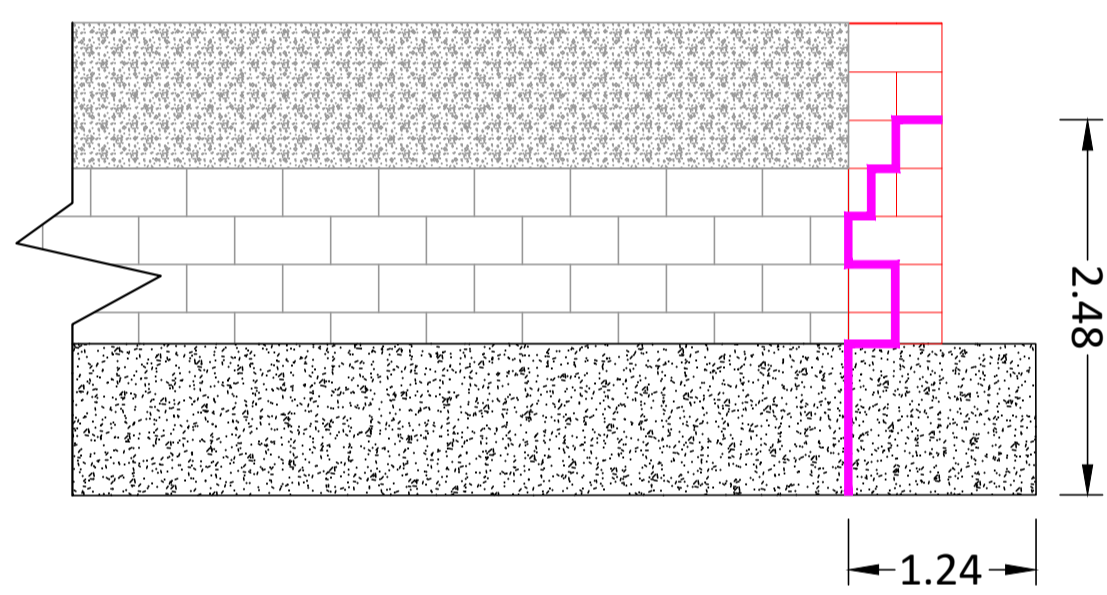
Section A-A
SCALE 1:50 @ A1



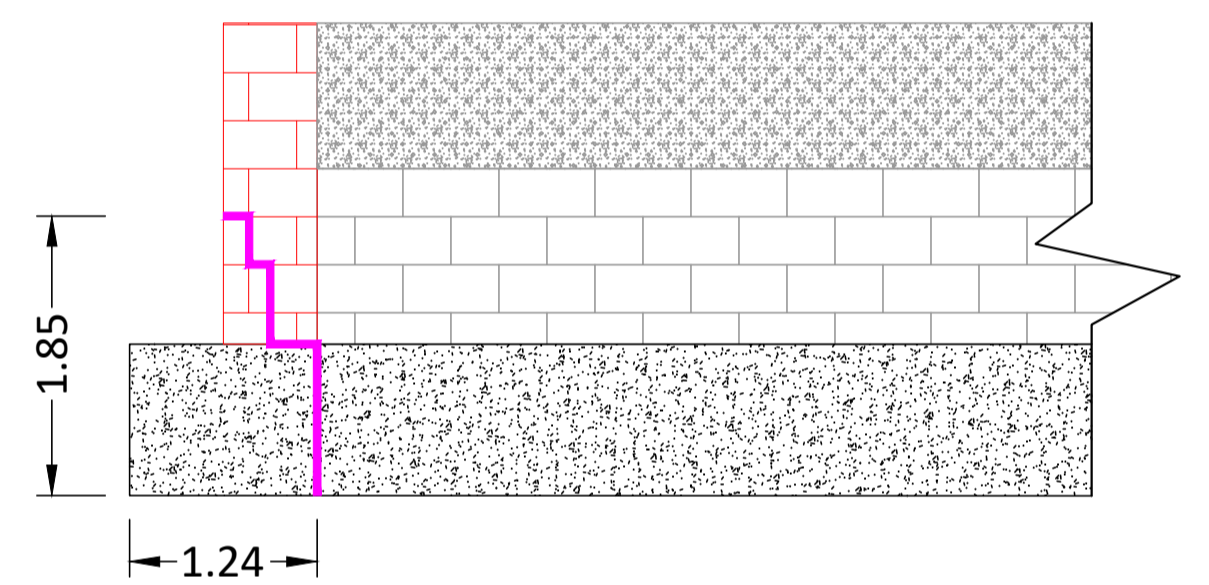
Section B-B
SCALE 1:50 @ A1



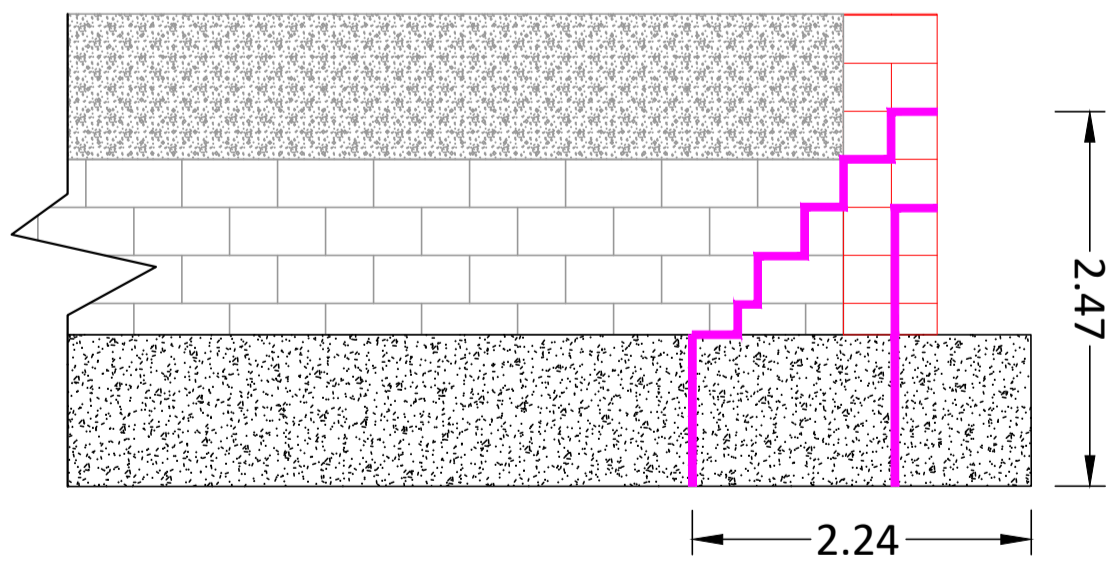
Section C-C
SCALE 1:50 @ A1



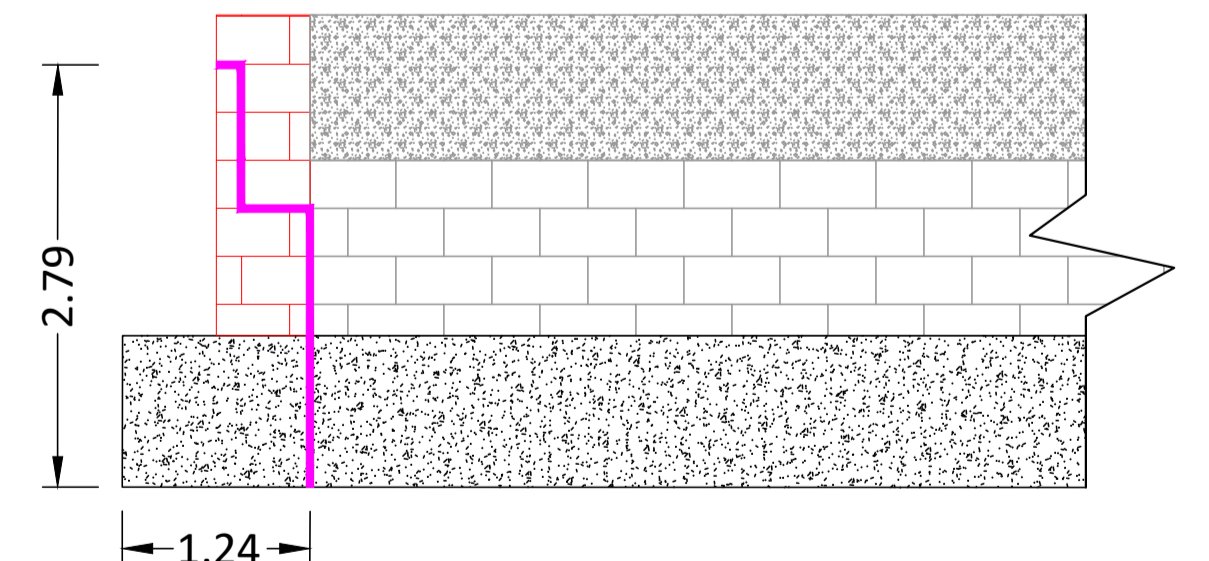
Section D-D
SCALE 1:50 @ A1



Section E-E
SCALE 1:50 @ A1



Section F-F
SCALE 1:50 @ A1



- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROMIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					

Kildare County Council
Comhairle Contae Chill Dara

OCSC
O'CONNOR SUTTON CROMIN
Multidisciplinary
Consulting Engineers

Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham

Client: **Kildare County Council**
Project: **Monasterevin Bridge Remediation**

Title: **Monasterevin Bridge Pier and Cutwater Damage Elevations**

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0206	A3	C01

Date: 09/04/20 Scale: Shown @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

LEGEND OF REPAIR DETAILS

1. VEGETATION REMOVAL
2. EXCESSIVE BED MATERIAL REMOVAL
3. MASONRY REPOINTING
4. MASONRY REPAIR: MISSING STONE REPLACEMENT
5. MASONRY STRUCTURE REPAIR
6. MASONRY PARAPET REPAIR
7. EXISTING SURFACE TO NEW SURFACE TIE IN
8. SCOUR PROTECTION MEASURES - ROCK ARMOUR
9. SCOUR PROTECTION MEASURES - REPAIR OF CONCRETE SKIRT

NOTE: REFER TO DWG. K424-OCSC-XX-XX-DR-C-0300-0304 FOR ABOVE REPAIR DETAILS

LEGEND FOR OTHER REPAIRS

10. VEGETATION REMOVAL FROM OVERGROWN EMBANKMENTS
11. KNOCK AND REBUILD FAILING MASONRY CUTWATER, REFER TO DETAIL 5 FOR MASONRY STRUCTURE REPAIR
12. INSTALLATION OF NEW 225mm Ø CULVERT OUTLET
13. REMOVAL OF TREES
14. CONCRETE RETAINING WALL REPAIR
15. REPAIR BROKEN SECTION OF STEEL HAND RAIL
16. PREPARE AND PAINT STEEL HAND RAIL
17. RESET COPPING AFTER VEGETATION REMOVAL. REFER TO DETAIL 4 FOR MASONRY REPLACEMENT
18. REPLACE DAMAGED ROAD SURFACE USING DETAIL 7
19. RAISE MASONRY PARAPET WALL BY 400mm USING DETAIL 6 MASONRY PARAPET REPAIR

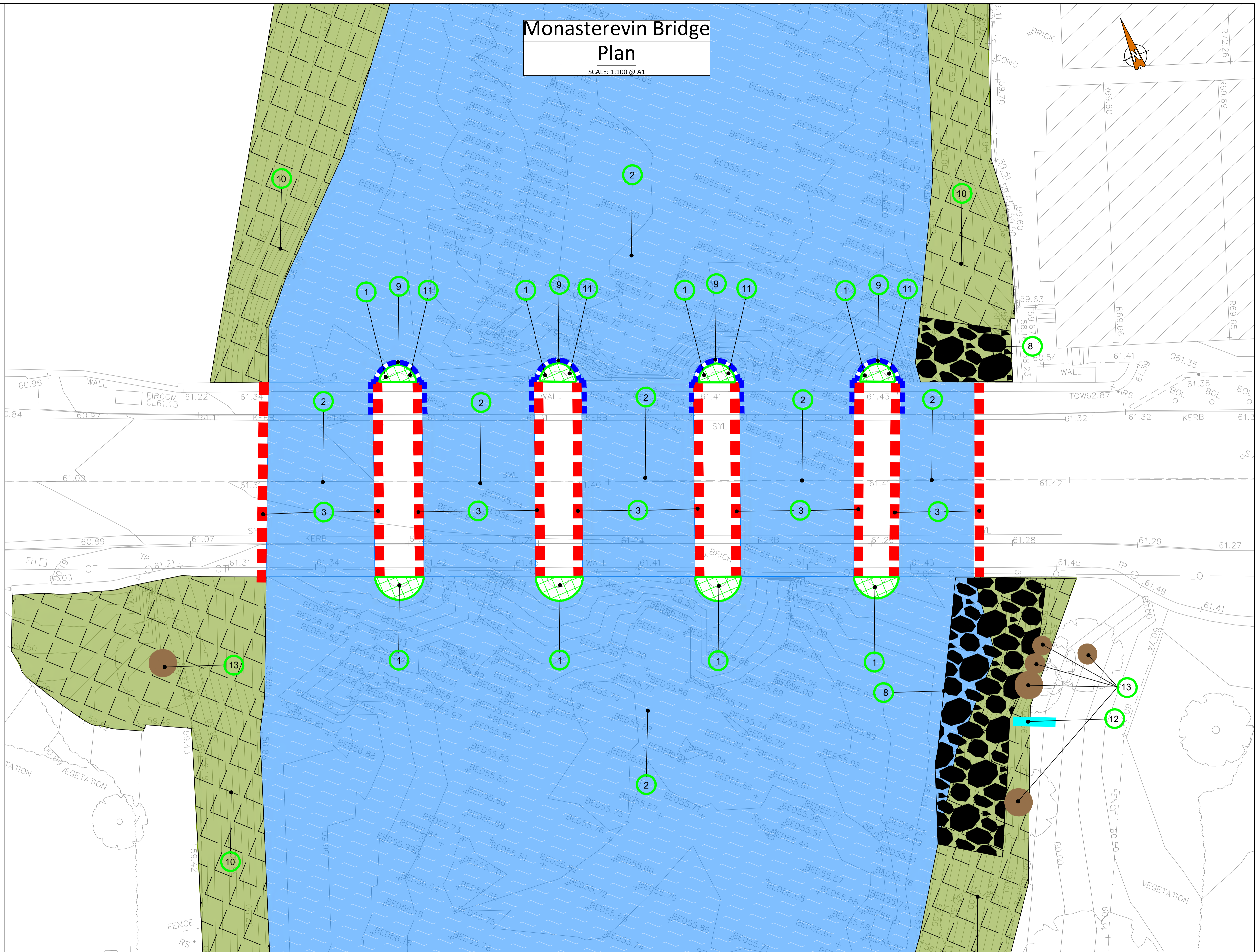
1

THE ABOVE SYMBOL/NUMBER DENOTES REPAIR DETAIL TO BE INCORPORATED. THE EXTENT OF THE DETAIL SHALL BE AS DEFINED IN THE SCHEDULE OF WORKS ON DWG. K424-OCSC-XX-XX-DR-C-0403 AND VOLUME C OF THE ACCOMPANYING TENDER DOCUMENTS

Monasterevin Bridge

Plan

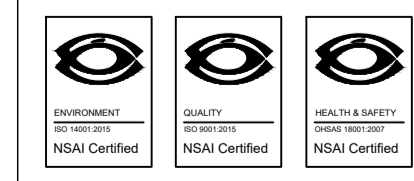
SCALE: 1:100 @ A1



ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH

Rev No.	Date	Revision Note	Drn by	Chkd by



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57



TEL +353 (0)1 8682000
e: contactus@ocsc.ie
w: www.ocsc.ie
Dublin | London | Belfast | Galway | Cork | Birmingham

Client:	Kildare County Council										
Project:	Monasterevin Bridge Remediation										
Title:	Monasterevin Bridge Remedial Works Below Road Level Plan										
Code	Originator	Zone	Level	Type	Role	Number	Status	Revision			
K424	OCSC	XX	XX	DR	C	0400	A3	C01			
Date:	09/04/20		Scale:	1:100 @ A1		Drn by:	MF	Chkd by:	BH	Aprvd by:	BO'R

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

LEGEND OF REPAIR DETAILS

1. VEGETATION REMOVAL
2. EXCESSIVE BED MATERIAL REMOVAL
3. MASONRY REPOINTING
4. MASONRY REPAIR: MISSING STONE REPLACEMENT
5. MASONRY STRUCTURE REPAIR
6. MASONRY PARAPET REPAIR
7. EXISTING SURFACE TO NEW SURFACE TIE IN
8. SCOUR PROTECTION MEASURES - ROCK ARMOUR
9. SCOUR PROTECTION MEASURES - REPAIR OF CONCRETE SKIRT

NOTE: REFER TO DWG. K424-OCSC-XX-XX-DR-C-0300-0304 FOR ABOVE REPAIR DETAILS

LEGEND FOR OTHER REPAIRS

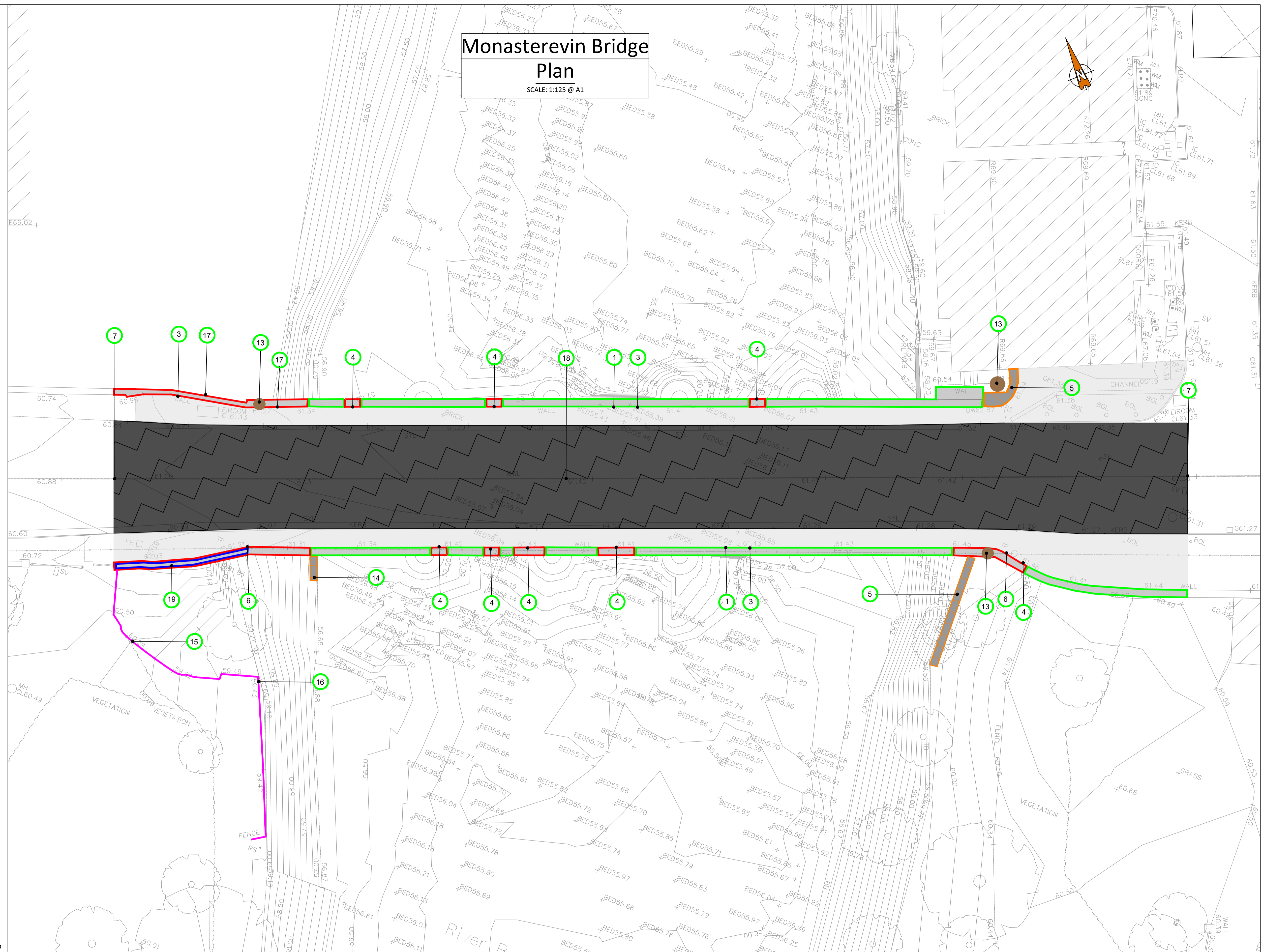
10. VEGETATION REMOVAL FROM OVERGROWN EMBANKMENTS
11. KNOCK AND REBUILD FAILING MASONRY CUTWATER, REFER TO DETAIL 5 FOR MASONRY STRUCTURE REPAIR
12. INSTALLATION OF NEW 225mm Ø CULVERT OUTLET
13. REMOVAL OF TREES
14. CONCRETE RETAINING WALL REPAIR
15. REPAIR BROKEN SECTION OF STEEL HAND RAIL
16. PREPARE AND PAINT STEEL HAND RAIL
17. RESET COPPING AFTER VEGETATION REMOVAL. REFER TO DETAIL 4 FOR MASONRY REPLACEMENT
18. REPLACE DAMAGED ROAD SURFACE USING DETAIL 7
19. RAISE MASONRY PARAPET WALL BY 400mm USING DETAIL 6 MASONRY PARAPET REPAIR

1

THE ABOVE SYMBOL/NUMBER DENOTES REPAIR DETAIL TO BE INCORPORATED. THE EXTENT OF THE DETAIL SHALL BE AS DEFINED IN THE SCHEDULE OF WORKS ON DWG. K424-OCSC-XX-XX-DR-C-0403 AND VOLUME C OF THE ACCOMPANYING TENDER DOCUMENTS

Monasterevin Bridge Plan

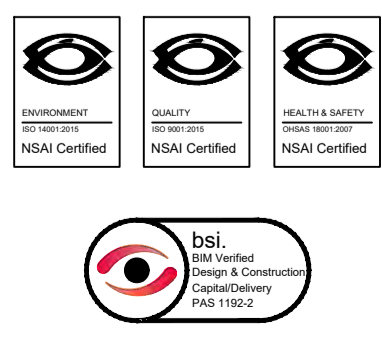
SCALE: 1:125 @ A1



ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROMIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge Remedial Works at Road Level Plan

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0401	A3	C01

Date: 09/04/20 Scale: 1:125 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

LEGEND OF REPAIR DETAILS

1. VEGETATION REMOVAL
2. EXCESSIVE BED MATERIAL REMOVAL
3. MASONRY REPOINTING
4. MASONRY REPAIR: MISSING STONE REPLACEMENT
5. MASONRY STRUCTURE REPAIR
6. MASONRY PARAPET REPAIR
7. EXISTING SURFACE TO NEW SURFACE TIE IN
8. SCOUR PROTECTION MEASURES - ROCK ARMOUR
9. SCOUR PROTECTION MEASURES - REPAIR OF CONCRETE SKIRT

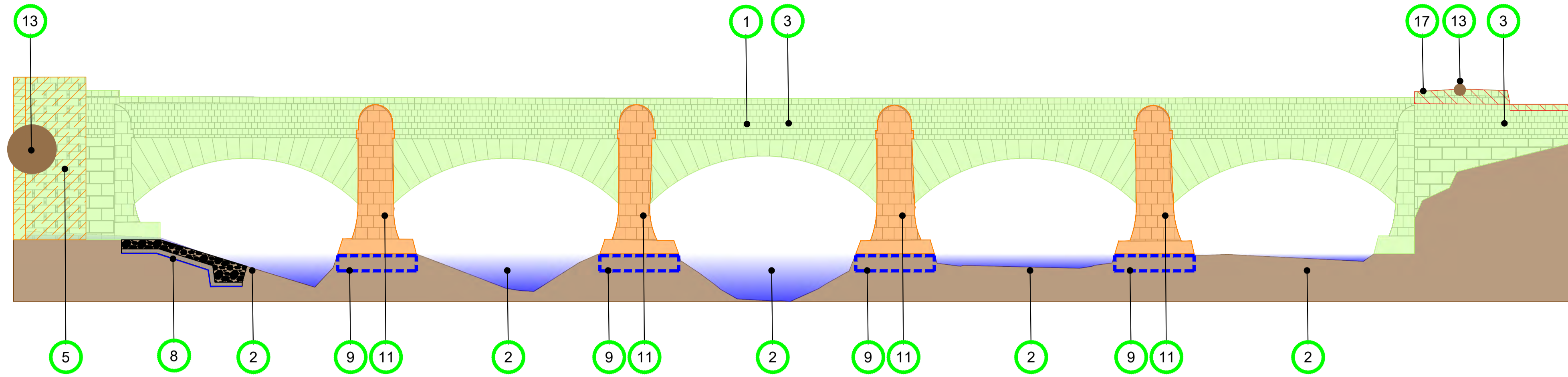
NOTE: REFER TO DWG. K424-OCSC-XX-XX-DR-C-0300-0304 FOR ABOVE REPAIR DETAILS

LEGEND FOR OTHER REPAIRS

10. VEGETATION REMOVAL FROM OVERGROWN EMBANKMENTS
11. KNOCK AND REBUILD FAILING MASONRY CUTWATER, REFER TO DETAIL 5 FOR MASONRY STRUCTURE REPAIR
12. INSTALLATION OF NEW 225mm Ø CULVERT OUTLET
13. REMOVAL OF TREES
14. CONCRETE RETAINING WALL REPAIR
15. REPAIR BROKEN SECTION OF STEEL HAND RAIL
16. PREPARE AND PAINT STEEL HAND RAIL
17. RESET COPPING AFTER VEGETATION REMOVAL. REFER TO DETAIL 4 FOR MASONRY REPLACEMENT
18. REPLACE DAMAGED ROAD SURFACE USING DETAIL 7
19. RAISE MASONRY PARAPET WALL BY 400mm USING DETAIL 6 MASONRY PARAPET REPAIR

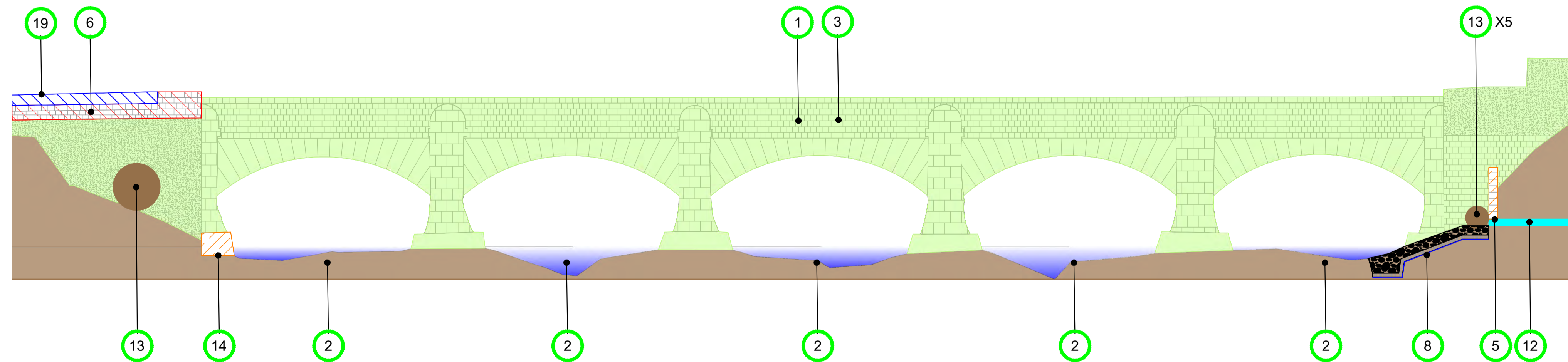
Monasterevin Bridge Upstream Elevation

SCALE: 1:100 @ A1



Monasterevin Bridge Downstream Elevation

SCALE: 1:100 @ A1



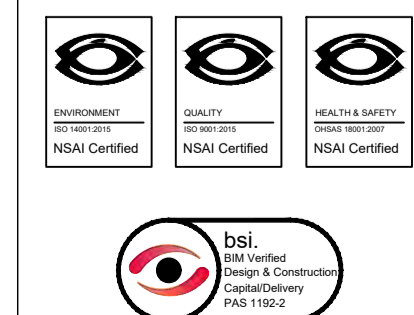
1

THE ABOVE SYMBOL/NUMBER DENOTES REPAIR DETAIL TO BE INCORPORATED. THE EXTENT OF THE DETAIL SHALL BE AS DEFINED IN THE SCHEDULE OF WORKS ON DWG. K424-OCSC-XX-XX-DR-C-0403 AND VOLUME C OF THE ACCOMPANYING TENDER DOCUMENTS

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7.
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge Remedial Works at Elevations

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424-OCSC-XX-XX-DR-C-0402	A3	C01						

Date: 09/04/20 Scale: 1:100 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

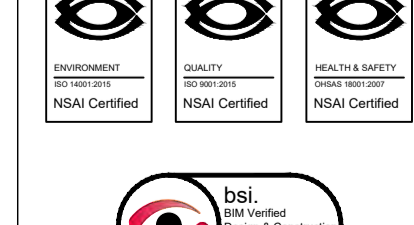
Schedule of Works For Monasterevin Bridge

Detail No. Units	Description	Remedial Works Below Road Level	Remedial Works at Road Level	Upstream Elevation	Downstream Elevation
Detail 1 m2	Vegetation Removal	80m2	260m2	170m2	170m2
Detail 2 m3	Excess Bed Material Removal	300m3	N/A	40m3	40m3
Detail 3 m2	Masonry Repointing	165m2	260m2	170m2	170m2
Detail 4 m3	Missing Stone Replacement	N/A	5m3	N/A	N/A
Detail 5 m3	Masonry Structure Repair	N/A	35m3	20m3	15m3
Detail 6 m2	Masonry Parapet Repair	N/A	15m3	N/A	10m3
Detail 7 m	Existing to New Surface Tie in	N/A	20m	N/A	N/A
Detail 8 m3	Scour Protection Rock Armour	100m3	N/A	30m3	70m3
Detail 9 m3	Scour Protection Concrete Skirt	15m3	N/A	15m3	N/A
Detail 10 m2	Vegetation Removal from Overgrown Embankments	400m2	N/A	N/A	N/A
Detail 11 m3	Knock and Rebuild Masonry Cutwater	30m3	N/A	30m3	N/A
Detail 12 item	Installation of 225mm diameter concrete culvert	1 item	N/A	N/A	1 item
Detail 13 Nr.	Tree Removal	6Nr.	3Nr.	2Nr.	6Nr.
Detail 14 m3	Brake out and Rebuild Concrete Retaining Wall	N/A	5m3	N/A	5m3
Detail 15 item	Reconnect Broken section of Steel Hand Rail	N/A	1 item	N/A	N/A
Detail 16 m	Prepare and Paint Steel Hand Rail	N/A	40m	N/A	N/A
Detail 17 m3	Rebedding of Copping Stones After Vegetation Removal	N/A	2m3	2m3	N/A
Detail 18 m2	Repalce Damaged Road Surface	N/A	500m2	N/A	N/A
Detail 19 m2	Raise Masonry Parapet by 400mm	N/A	2m3	N/A	2m3

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROMIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					



Head Office,
9 Prussia Street,
Dublin 7.
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie
w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham



Client: Kildare County Council
Project: Monasterevin Bridge Remediation

Title: Monasterevin Bridge
Schedule of Works

Code | Originator | Zone | Level | Type | Role | Number | Status | Revision
K424 · OCSC · XX · XX · DR · C · 0403 · A3 · C01

Date: 09/04/20 Scale: N/A @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

STREET FURNITURE :

- BD * BOLLARDS
- BS * BUS STOP
- CB CRASH BARRIER
- GATE
- EP * ELECTRICITY POLE
- TP * TELEPHONE POLE
- ER * EARTHING ROD
- LP * LAMP POST
- MKR * MARKER POST
- SG * SIGN POST
- TL * TRAFFIC LIGHT
- TB TELEPHONE BOX
- POST
- POST BOX
- ROADSIGN
- BH * BORE HOLE
- TPIT * TRIAL PIT

SERVICES :

- AV AIR VALVE
- AJ ARMSTRONG JUNCTION
- CATV CABLE TV IC
- CL COVER LEVEL
- EIRCOM EIRCOM COVER
- EIRCOM EIRCOM JUNCTION BOX
- ECP ELECTRICAL CABLE PIT
- ESAT ESAT COVER
- ESB ESB COVER
- ESB ESB JUNCTION BOX
- FH * FIRE HYDRANT
- GV GAS VALVE
- G GULLY
- IC INSPECTION COVER
- MH MANHOLE
- SEPTIC SEPTIC TANK
- SV SLUICE VALVE
- ST STOPCOCK
- OE O/HEAD ELECTRICITY
- OT O/HEAD TELECOM
- BOX SERVICE BOX (UNKNOWN)
- TLIC TRAFFIC COVER
- VENT VENT
- WM * WATER METER
- UTO UNABLE TO LIFT

LEVELS :

- +BED101.50 BED LEVEL
- +E101.50 EAVE LEVEL
- +FL101.50 FLOOR LEVEL
- +IL101.50 INVERT LEVEL
- +101.50 ROAD LEVEL
- +R101.50 RIDGE LEVEL
- +SL101.50 SOFFIT LEVEL
- +101.50 SPOT LEVEL
- +TOW101.50 TOP OF WALL LEVEL
- +WL101.50 WATER LEVEL
- ⊕ SURVEY CONTROL STATION

UNDERGROUND LEGEND :

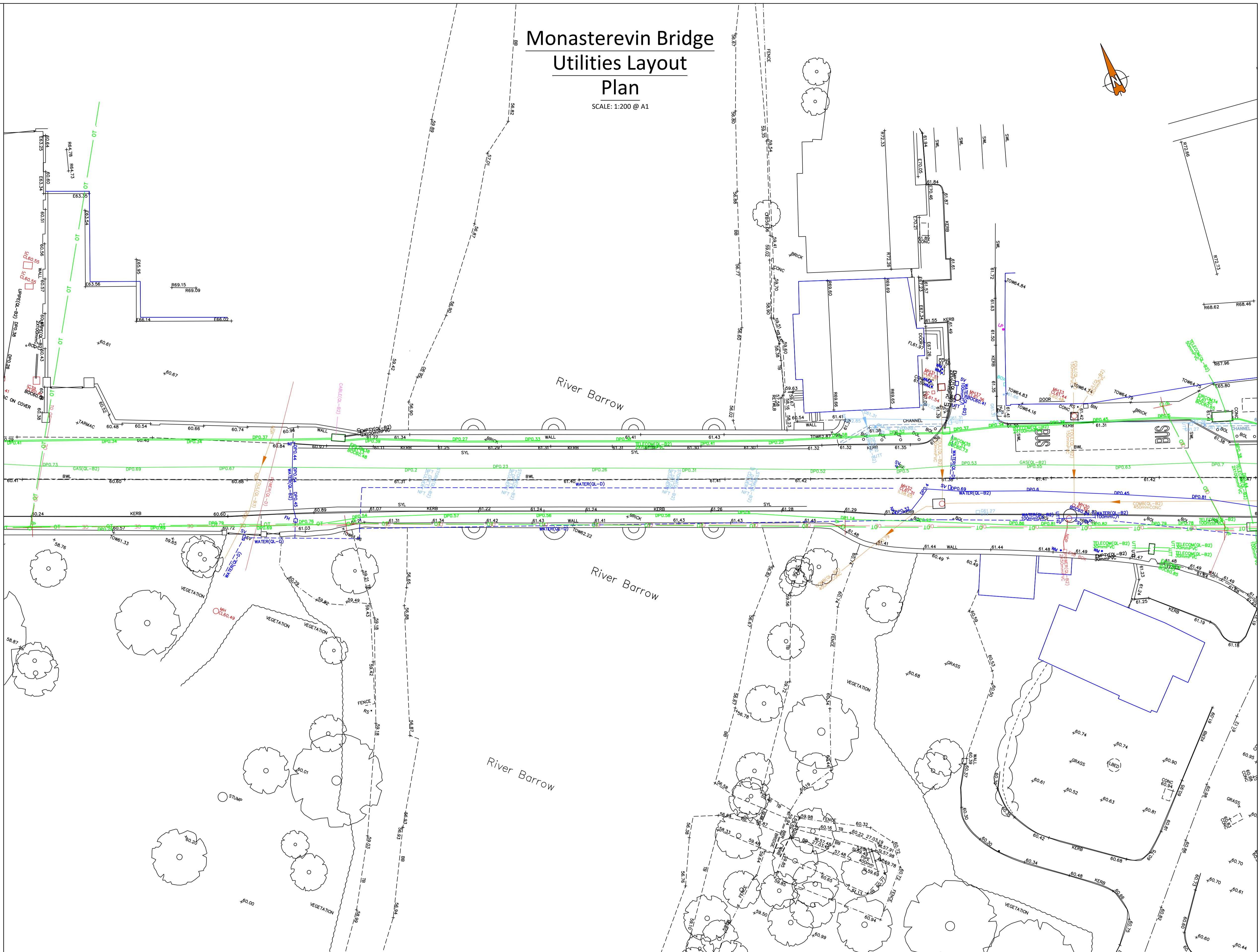
- WATER WATER
- GAS GAS
- STORM STORM
- FQUL FOUL SEWER
- COMB COMBINED SEWER
- POWER POWER
- LIGHTING ELECTRIC CABLE
- EIRCOM ELECTRIC LIGHTING
- FIBRE FIBRE OPTIC CABLE
- BROADBAND BROADBAND
- TV CABLE TV
- TRAFFIC TRAFFIC AND SIGNAL CABLE
- CCTV CCTV
- IRRIGATION IRRIGATION PIPE
- EMPTY EMPTY DUCT
- ANOMALY GPR ANOMALY
- CABLE UNKNOWN CABLE

- BOC BOTTOM OF CHAMBER
- C/I CAST-IRON
- CONC CONCRETE
- DIA DIAMETER

- DP DOWNPIPE
- E/W EARTHENWARE
- NFT NO FURTHER TRACE
- O/S OFFSITE
- SOR START OF RUN
- UTO UNABLE TO OPEN
- UTT UNABLE TO TRACE

Monasterevin Bridge Utilities Layout Plan

SCALE: 1:200 @ A1



ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000821 © GOVERNMENT OF IRELAND

Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
C01	09/04/20	Suitable For Tender	MF	BH					

Kildare County Council
Comhairle Contae Chill Dara

Head Office,
9 Prussia Street,
Dublin 7,
D07 KT57

TEL +353 (0)1 8682000

e: contactus@ocsc.ie

w: www.ocsc.ie

Dublin | London | Belfast | Galway | Cork | Birmingham

OCSC
Multidisciplinary
Consulting Engineers

Client: **Kildare County Council**

Project: **Monasterevin Bridge Remediation**

Title: **Monasterevin Bridge Utilities Drawing Plan**

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
K424	OCSC	XX	XX	DR	C	0500	A3	C01

Date: 09/04/20 Scale: 1:200 @ A1 Drn by: MF Chkd by: BH Aprvd by: BO'R

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CRONIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.