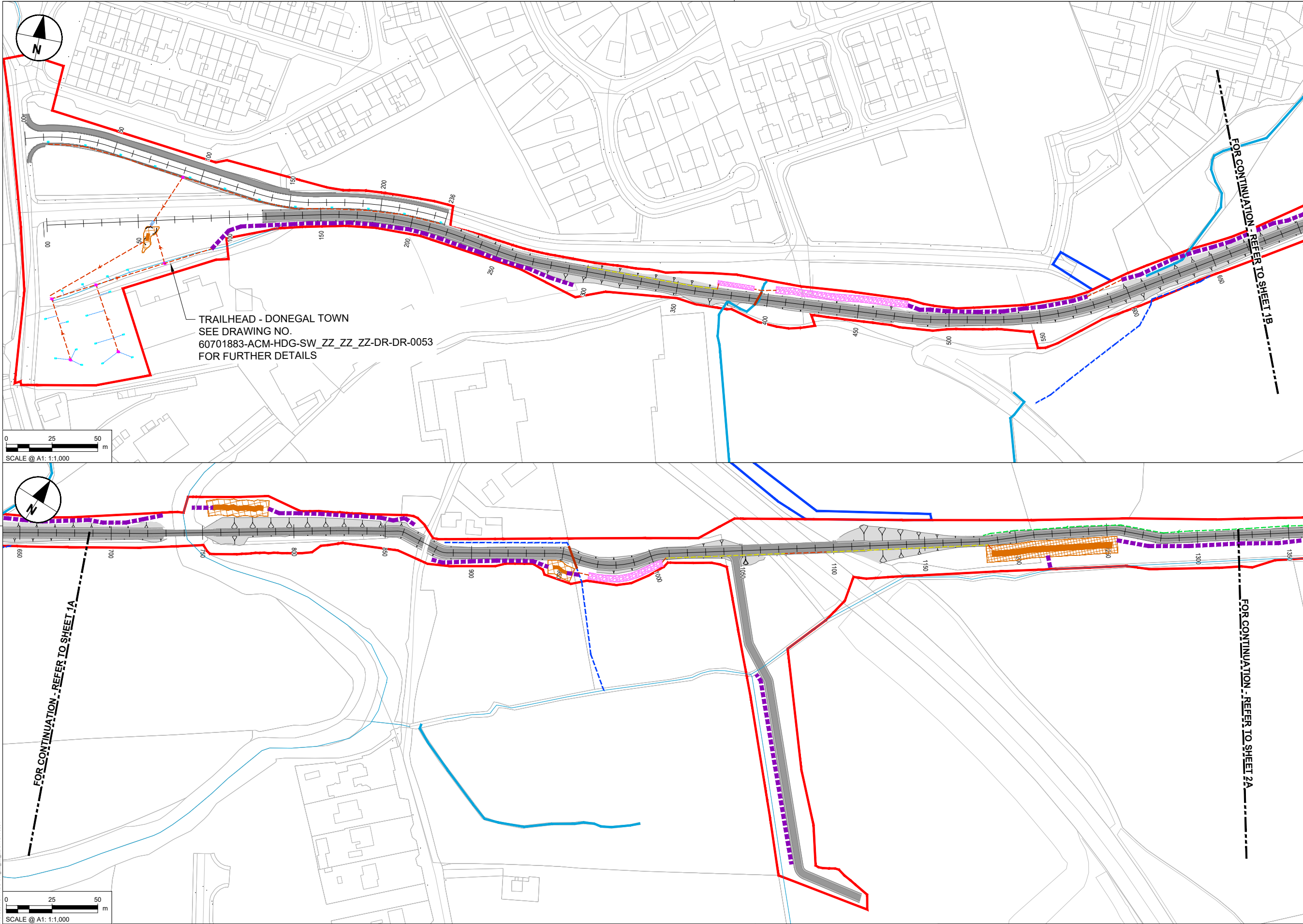




- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - CLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

Purpose of issue

FOR INFORMATION

By	Date	Check	Suffix
IL	05/06/25	DK	P01
IL	26/09/25	DK	P02
IL	15/06/26	DK	P03

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 1 OF 31

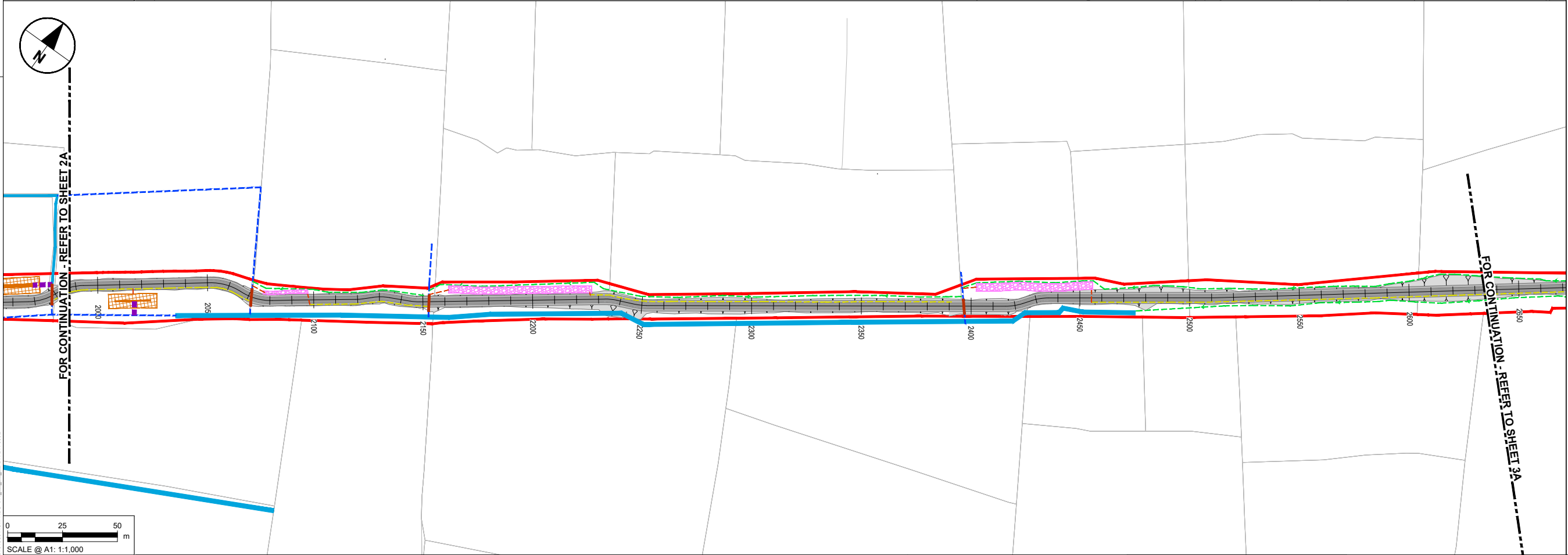
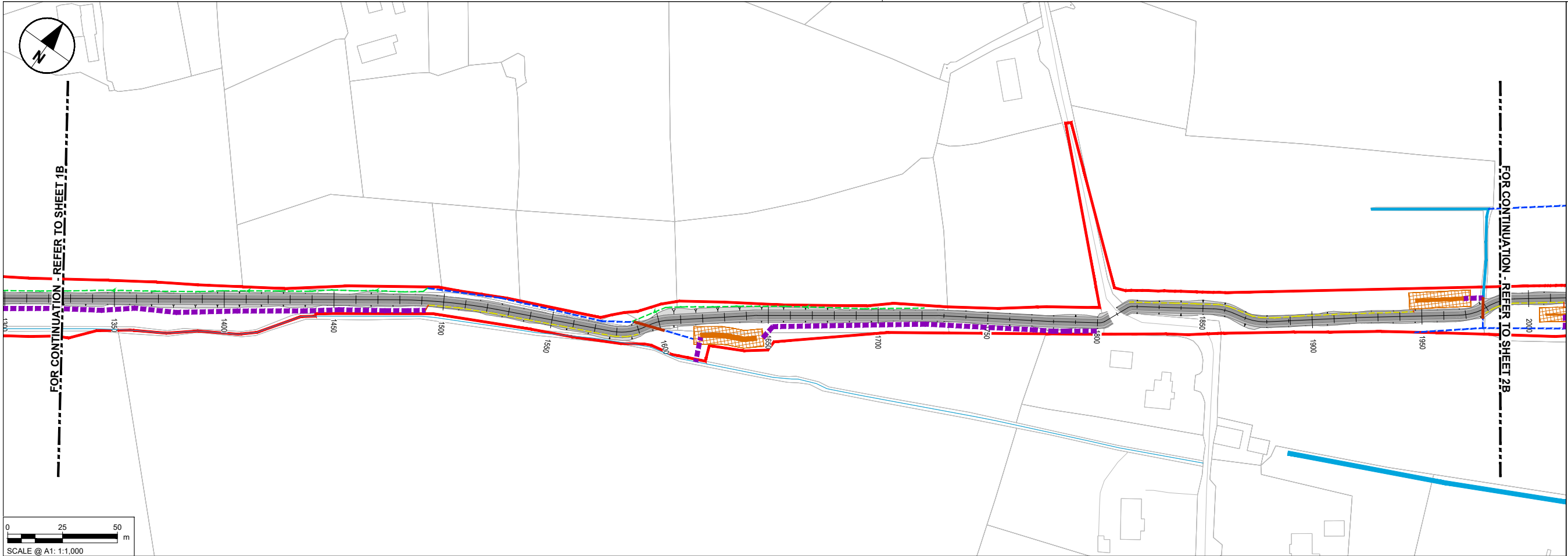
THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No.	Suitability
60701883	S2

Scale @ A1	Volume
1:1000	Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-0001	P03
Location	SW_ZZ_ZZ_ZZ	I Type	I Role	I Number



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



FOR INFORMATION				
IL	DK	05/06/25	P01	
IL	DK	26/09/25	P02	
IL	DK	15/06/26	P03	
By		Date	Suffix	
Check				
REVISION DETAILS				

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

ROD AECOM

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

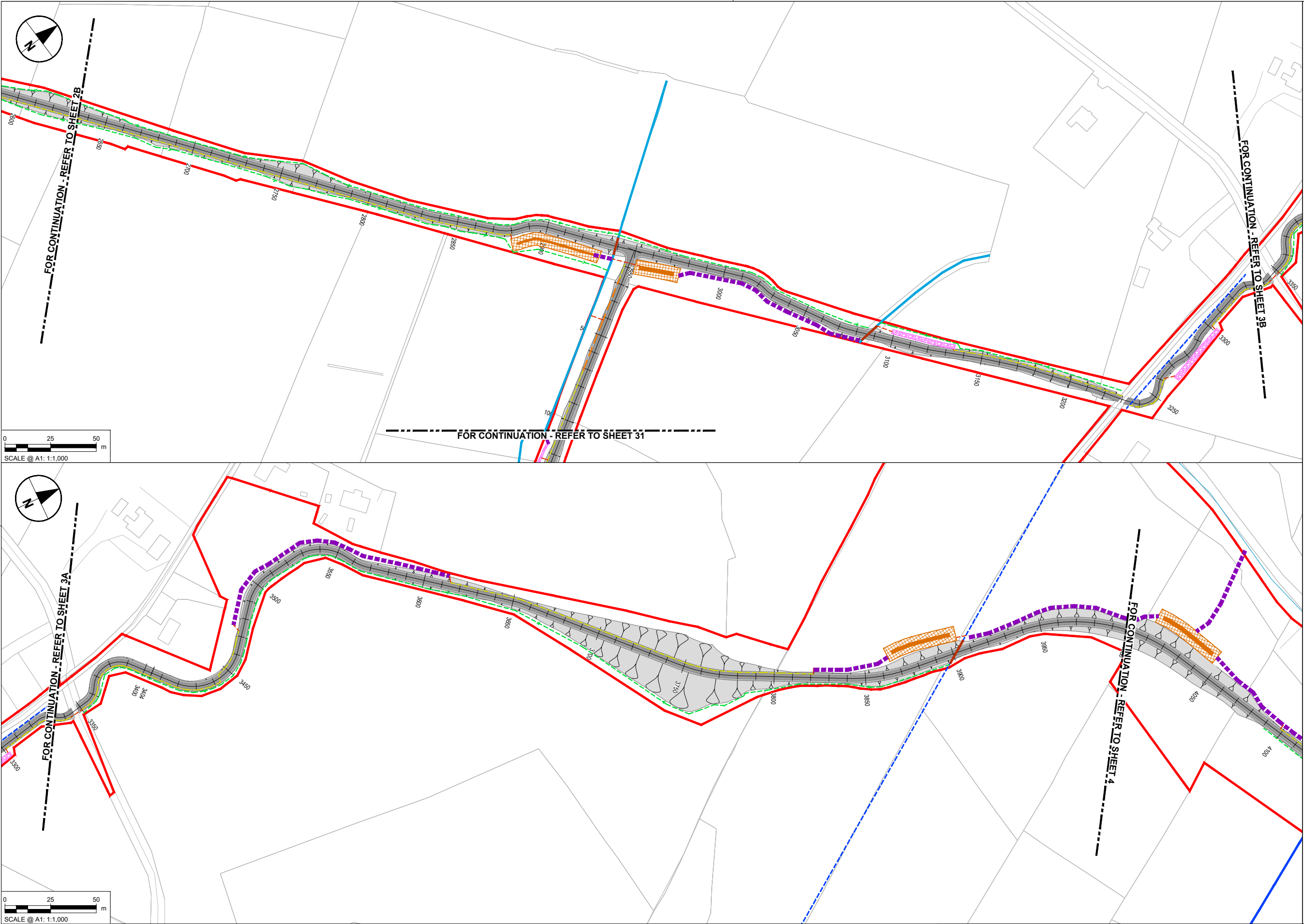
Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title
Barnesmore Gap Greenway

Drawing Title
SERIES 0500 DRAINAGE LAYOUT SHEET 2 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed ---	Drawn IL	Checked AM	Approved DK	Date 15/06/26
Internal Project No. 60701883				Suitability S2
Scale @ A1 1:1000		Volume Drainage		
Drawing Number 60701883	Aecom Project ID -ACM	I Originator -HDG-	I Volume -DR-DR-0002	Rev P03
Location SW_ZZ_ZZ_ZZ	I Type I Role I Number			



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

Purpose of issue

FOR INFORMATION

By	Date	Suffix
IL	05/06/25	P01
DK	26/09/25	P02
IL	15/06/26	P03
DK		
By		
Check		

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 3 OF 31

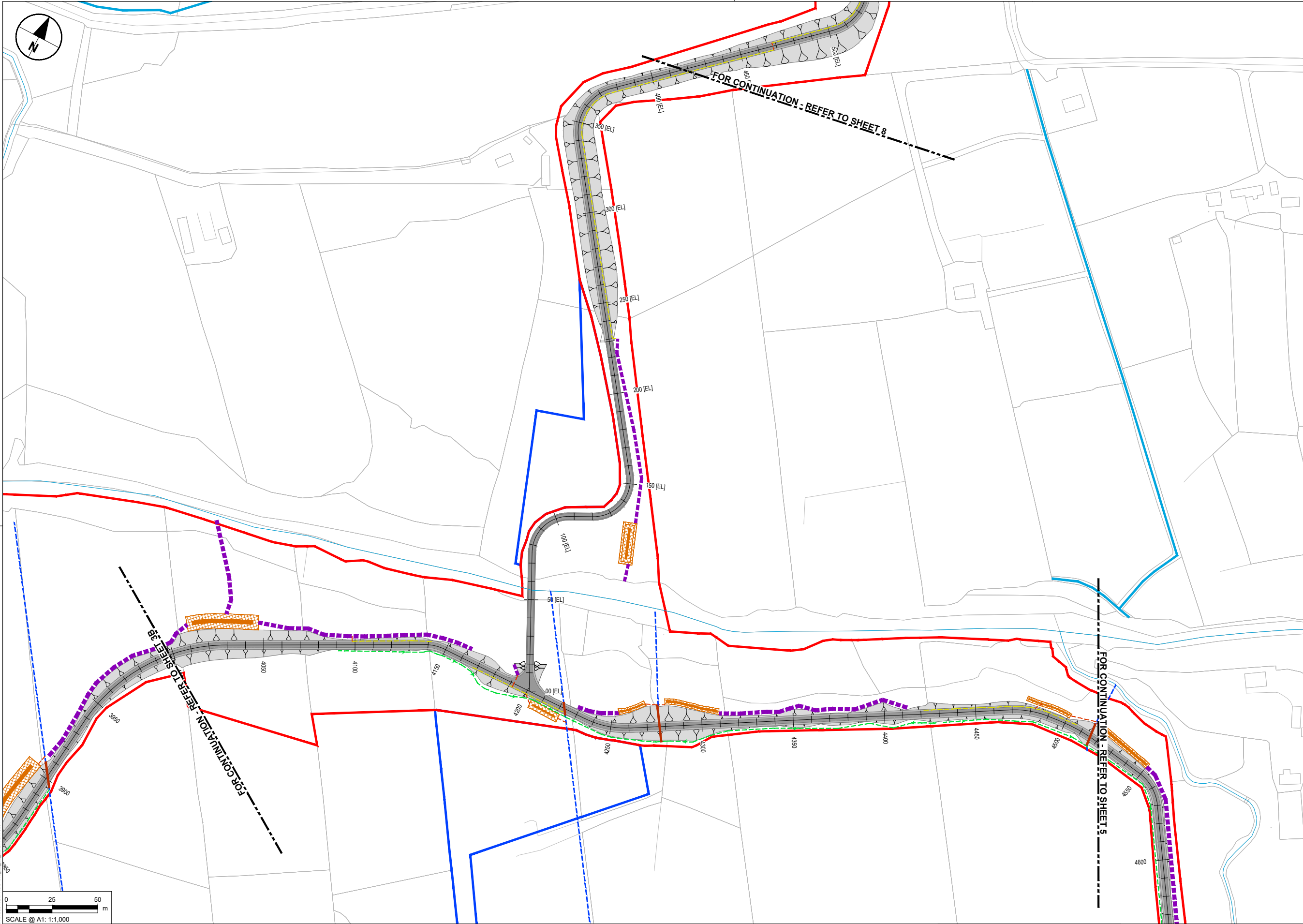
THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No.	Suitability
60701883	S2

Scale @ A1	Volume
1:1000	Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-	P03
SW_ZZ_ZZ_ZZ				
Location		I Type	I Role	I Number



NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

2. ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.

3. DRAWING IS BASED ON OS MAPPING.

4. EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:

4.1. LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.

4.2. UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.

4.3. TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.

5. COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.

6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

KEY

PERMANENT LAND TAKE BOUNDARY

TEMPORARY LAND TAKE BOUNDARY

PROPOSED GREENWAY

WATERCOURSE

WATERCOURSE DIVERSION

PRE EARTHWORKS DRAINAGE

OVER THE EDGE DITCH

FILTER DRAIN

ONLINE ATTENUATION

EXISTING DITCH

CARRIER DRAIN

INFILTRATION TRENCH

ATTENUATION POND/SWALE

PROPOSED CULVERT

Tionscadal Éireann Project Ireland 2040

Bonneagar Iompair Éireann Transport Infrastructure Ireland

Comhairle Contae Dhún na nGall Donegal County Council

Oifis Doichne Naistunta dhun na nGall

Greenway

Purpose of issue

FOR INFORMATION

IL	DK	05/06/25	P01
IL	DK	26/09/25	P02
IL	DK	15/06/26	P03
By		Date	Suffix
Check			

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

ROD AECOM

AECOM

Adelphi Plaza

Georges Street Upper

Dun Laoghaire

Co. Dublin

Ireland

T +353 (0)1 238 3100

www.aecom.com

Roughan & O'Donovan

ARENA HOUSE

ARENA ROAD

SANDYFORD

DUBLIN 16

IRELAND

T +353 (0)1 294 0800

www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 4 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

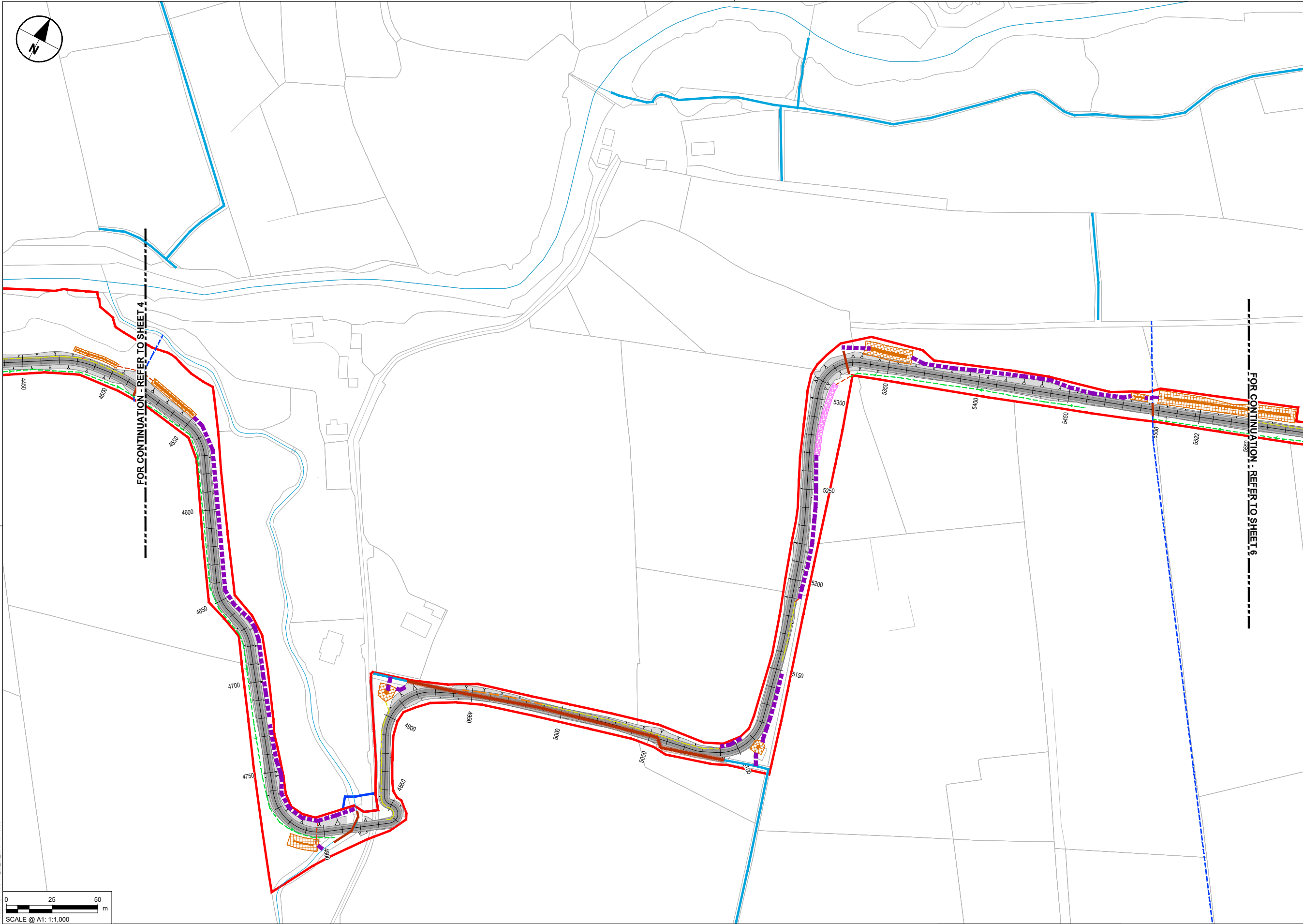
Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No.	Suitability
60701883	S2

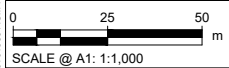
Scale @ A1	Volume
1:1000	Drainage

Drawing Number	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	P03
SW_ZZ_ZZ_ZZ	-DR-DR-0004		
Location	I Type	I Role	I Number

© Copyright Acknowledgements Includes Ordnance Survey Ireland data reproduced under OSI Licence Number 2023/OSI NMA 053. Reproduction infringes Ordnance Survey Ireland and Government of Ireland Copyright.



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



Purpose of issue

FOR INFORMATION

By	Date	Suffix
IL	05/06/25	P01
DK	26/09/25	P02
IL	15/06/26	P03
DK		
By	Date	Suffix
Check		

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 5 OF 31

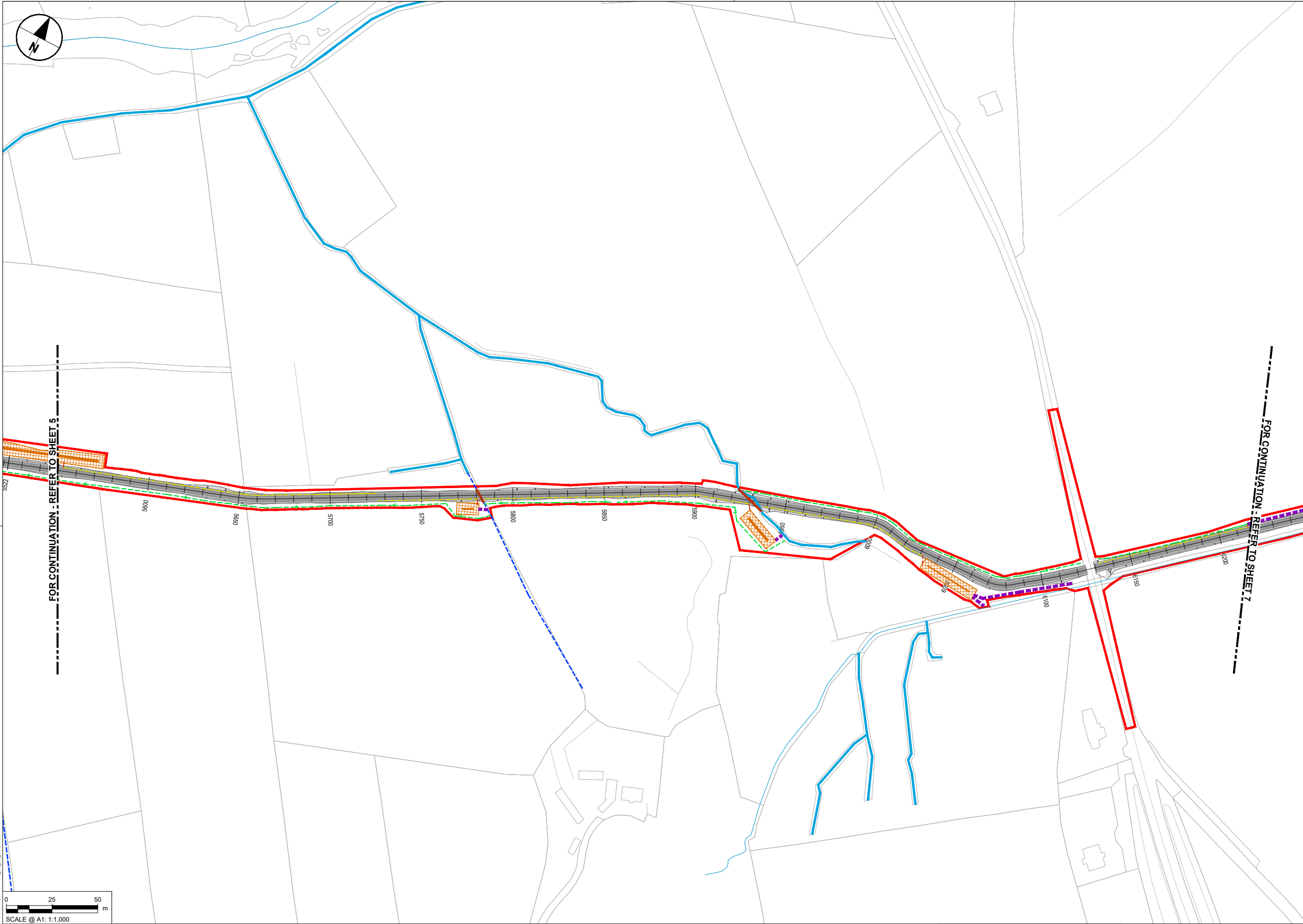
THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No.	Suitability
60701883	S2

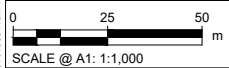
Scale @ A1	Volume
1:1000	Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-0005	P03
SW_ZZ_ZZ_ZZ				
Location		I Type	I Role	I Number



- NOTES
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



SCALE @ A1: 1:1,000

Purpose of issue

FOR INFORMATION

IL	DK	05/06/25	P01
IL	DK	26/09/25	P02
IL	DK	15/06/26	P03
By	Date	Suffix	
Check			

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500
DRAINAGE LAYOUT
SHEET 6 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

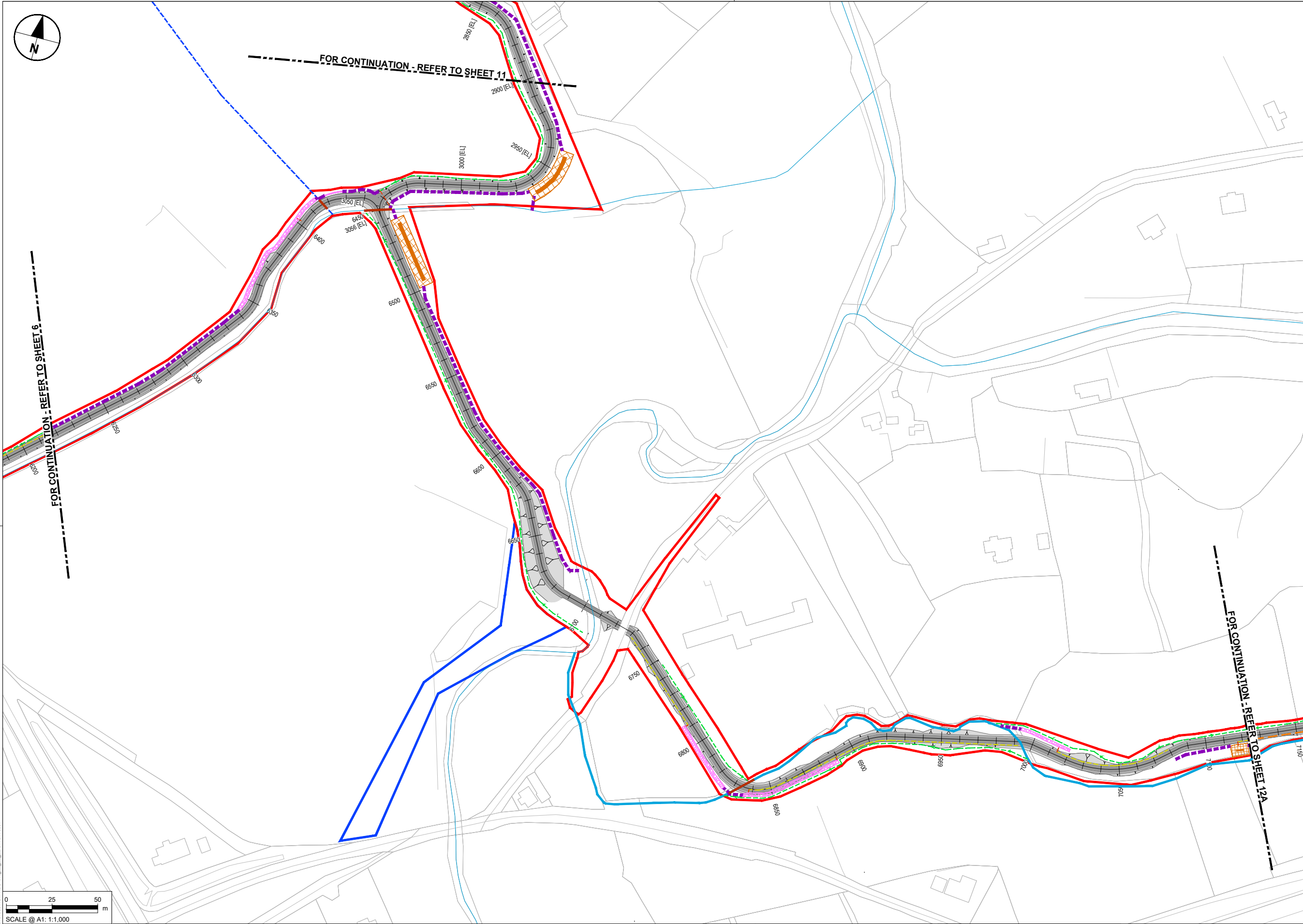
Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No. 60701883

Scale @ A1 1:1000

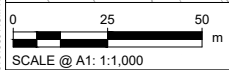
Volume Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-	P03
SW_ZZ_ZZ_ZZ				
Location		I Type	I Role	I Number

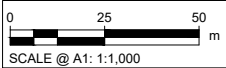
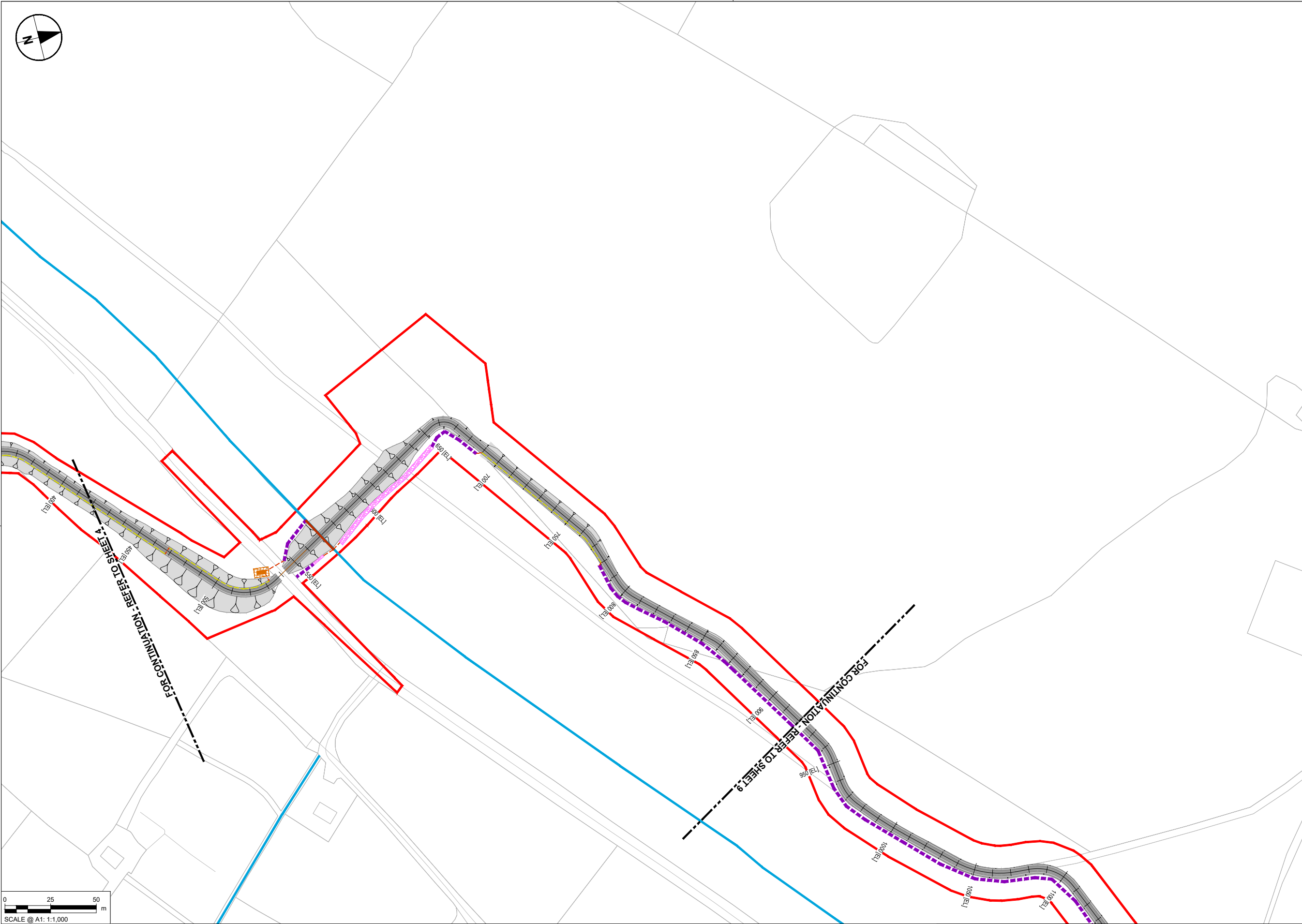


- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



FOR INFORMATION		SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX		Project Title Barnesmore Gap Greenway																								
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.		THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.		THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.																								
<table><tr><td>Designed</td><td>Drawn</td><td>Checked</td><td>Approved</td><td>Date</td></tr><tr><td>---</td><td>IL</td><td>AM</td><td>DK</td><td>15/06/26</td></tr></table>		Designed	Drawn	Checked	Approved	Date	---	IL	AM	DK	15/06/26	<table><tr><td>Internal Project No.</td><td>Suitability</td></tr><tr><td>60701883</td><td>S2</td></tr></table>		Internal Project No.	Suitability	60701883	S2											
Designed	Drawn	Checked	Approved	Date																								
---	IL	AM	DK	15/06/26																								
Internal Project No.	Suitability																											
60701883	S2																											
<table><tr><td>Scale @ A1</td><td>Volume</td></tr><tr><td>1:1000</td><td>Drainage</td></tr></table>		Scale @ A1	Volume	1:1000	Drainage	<table><tr><td>Drawing Number</td><td>I Originator</td><td>I Volume</td><td>Rev</td></tr><tr><td>60701883</td><td>-ACM</td><td>-HDG-</td><td>P03</td></tr><tr><td>SW_ZZ_ZZ_ZZ</td><td>-DR-0007</td><td></td><td></td></tr><tr><td>Location</td><td>I Type</td><td>I Role</td><td>I Number</td></tr></table>		Drawing Number	I Originator	I Volume	Rev	60701883	-ACM	-HDG-	P03	SW_ZZ_ZZ_ZZ	-DR-0007			Location	I Type	I Role	I Number	<table><tr><td>Drawing Title</td></tr><tr><td>SERIES 0500 DRAINAGE LAYOUT SHEET 7 OF 31</td></tr></table>		Drawing Title	SERIES 0500 DRAINAGE LAYOUT SHEET 7 OF 31	
Scale @ A1	Volume																											
1:1000	Drainage																											
Drawing Number	I Originator	I Volume	Rev																									
60701883	-ACM	-HDG-	P03																									
SW_ZZ_ZZ_ZZ	-DR-0007																											
Location	I Type	I Role	I Number																									
Drawing Title																												
SERIES 0500 DRAINAGE LAYOUT SHEET 7 OF 31																												
REVISION DETAILS		<table><tr><td>By</td><td>Date</td><td>Suffix</td></tr><tr><td>IL</td><td>05/06/25</td><td>P01</td></tr><tr><td>DK</td><td>26/09/25</td><td>P02</td></tr><tr><td>IL</td><td>15/06/26</td><td>P03</td></tr><tr><td>DK</td><td></td><td></td></tr><tr><td>By</td><td>Date</td><td>Suffix</td></tr><tr><td>Check</td><td></td><td></td></tr></table>		By	Date	Suffix	IL	05/06/25	P01	DK	26/09/25	P02	IL	15/06/26	P03	DK			By	Date	Suffix	Check						
By	Date	Suffix																										
IL	05/06/25	P01																										
DK	26/09/25	P02																										
IL	15/06/26	P03																										
DK																												
By	Date	Suffix																										
Check																												



FOR INFORMATION

IL	DK	05/06/25	P01
IL	DK	26/09/25	P02
IL	DK	15/06/26	P03
By	Date	Suffix	
Check			

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM

Adelphi Plaza

Georges Street Upper

Dun Laoghaire

Co. Dublin

Ireland

T +353 (0)1 238 3100

www.aecom.com

Roughan & O'Donovan

Arena House

Arena Road

Sandyford

Dublin 18

Ireland

T +353 (0)1 294 0800

www.rod.ie

Barnesmore Gap Greenway

SERIES 0500

DRAINAGE LAYOUT

SHEET 8 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26
Internal Project No. 60701883				Suitability S2
Scale @ A1 1:1000		Volume Drainage		
Drawing Number 60701883		I Originator -ACM		I Volume -HDG-
Aecom Project ID SW_ZZ_ZZ_ZZ		I Type -DR-		I Role -0008
Location		I Number		Rev P03

NOTES

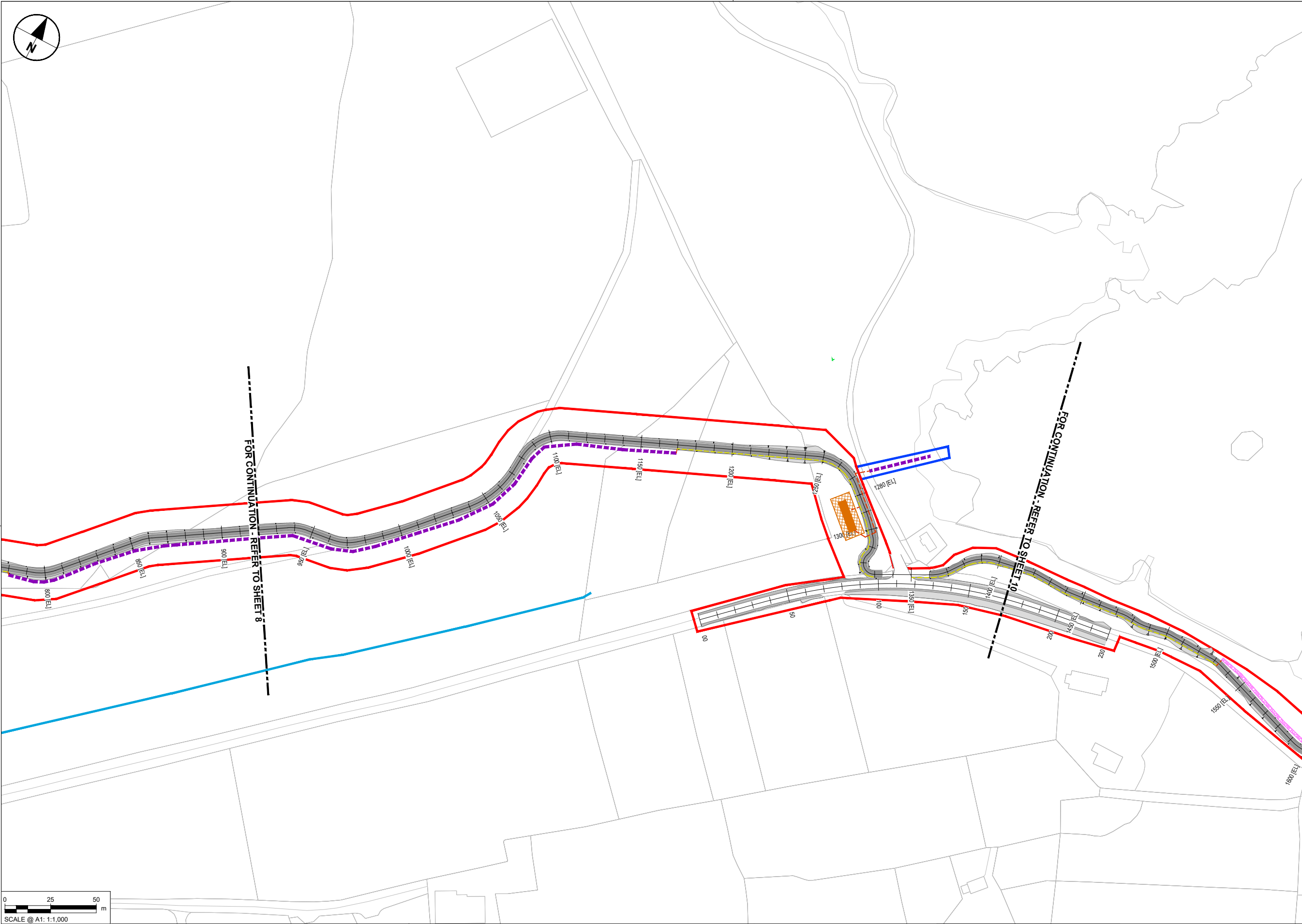
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
- DRAWING IS BASED ON OS MAPPING.
- EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
- COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

KEY

- PERMANENT LAND TAKE BOUNDARY
- TEMPORARY LAND TAKE BOUNDARY
- PROPOSED GREENWAY
- WATERCOURSE
- WATERCOURSE DIVERSION
- PRE EARTHWORKS DRAINAGE
- OVER THE EDGE DITCH
- FILTER DRAIN
- ONLINE ATTENUATION
- EXISTING DITCH
- CARRIER DRAIN
- INFILTRATION TRENCH
- ATTENUATION POND/SWALE
- PROPOSED CULVERT

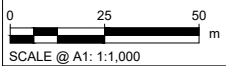
Plot Date: 17 Jun 2025, 15:05:51
File Name: C:\P\0500\ROD-AECOM_D506_EI\0017286046701883-ACM-HDG-SW_ZZ_ZZ_DR-DR-0008

© Copyright Acknowledgements Includes Ordnance Survey Ireland data reproduced under OSI Licence Number 2023/OSI NMA 053. Reproduction infringes Ordnance Survey Ireland and Government of Ireland Copyright.



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



Purpose of issue

FOR INFORMATION

IL	DK	05/06/25	P01
IL	DK	26/09/25	P02
IL	DK	15/06/26	P03
By	Date	Suffix	
Check			

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

ROD AECOM

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 9 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed ---	Drawn IL	Checked AM	Approved DK	Date 15/06/26
Internal Project No. 60701883				Suitability S2
Scale @ A1 1:1000		Volume Drainage		

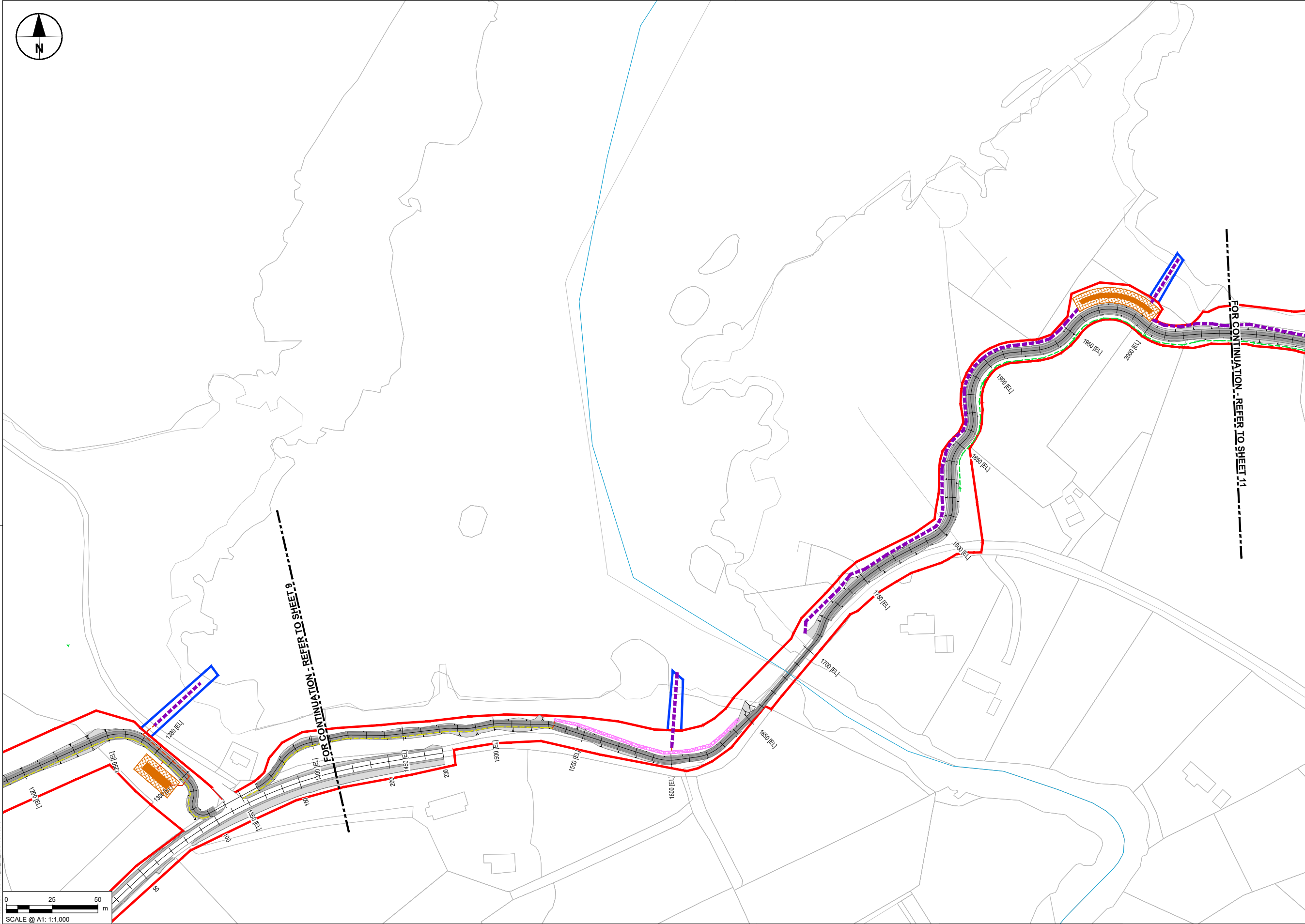
Drawing Number
Aecom Project ID
60701883

I Originator
-ACM

I Volume
-HDG-

Location
SW_ZZ_ZZ_ZZ -DR-DR-0009

Rev
P03



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

Purpose of issue

FOR INFORMATION

By	Date	Suffix
IL	05/06/25	P01
DK	26/09/25	P02
IL	15/06/26	P03
DK		
By		
Check		

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 10 OF 31

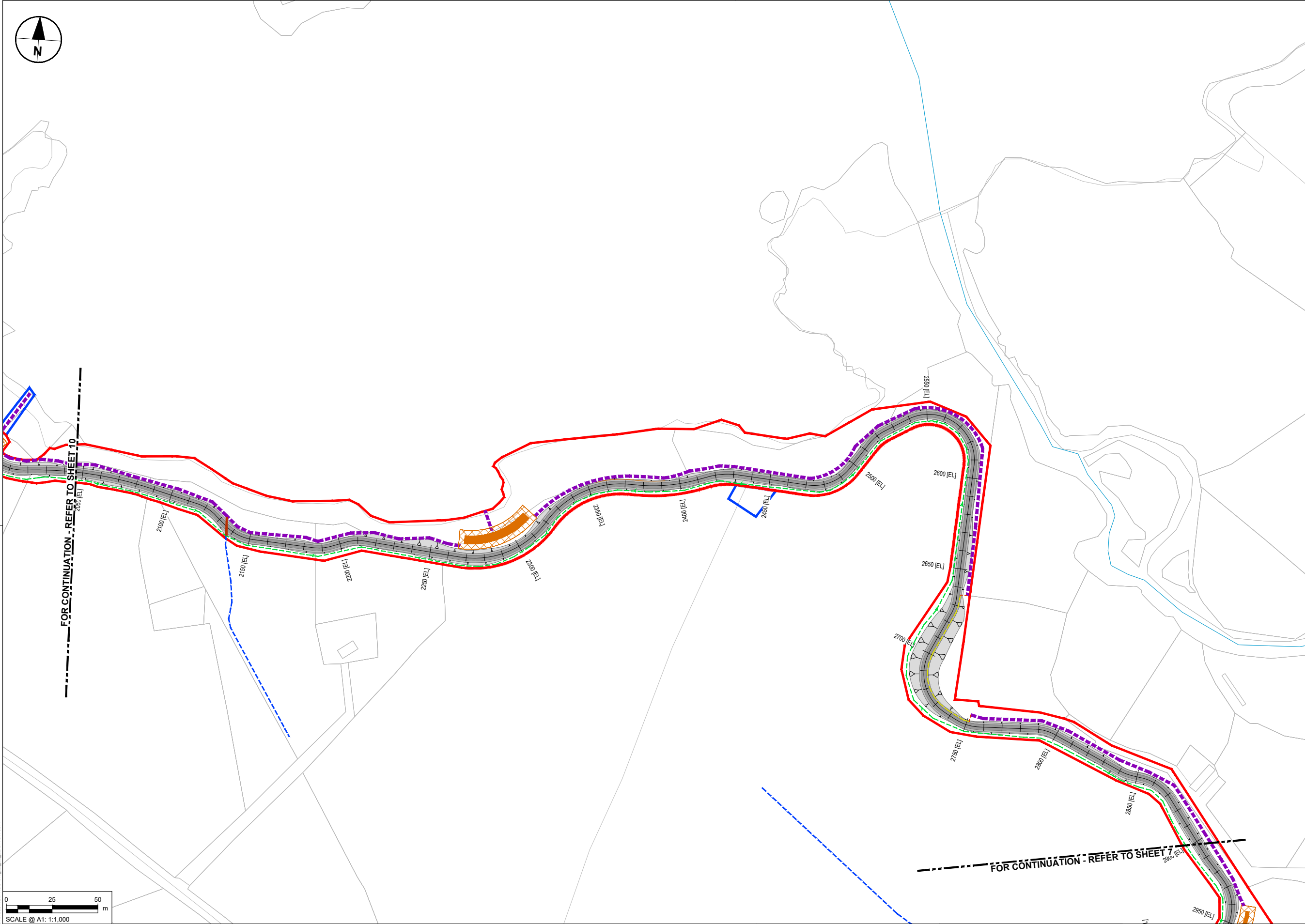
THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No.	Suitability
60701883	S2

Scale @ A1	Volume
1:1000	Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-	P03
SW_ZZ_ZZ_ZZ				
Location		I Type	I Role	I Number



FOR CONTINUATION - REFER TO SHEET 7



	IL DK	05/06/25	f
	IL DK	26/09/25	f
	IL DK	15/06/26	f
REVISION DETAILS	By Check	Date	S

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

ROD
ROUGHAN & O'DONOVAN

AECOM

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Drawing Title

Drawing Title

SERIES 0500
DRAINAGE LAYOUT
SHEET 11 OF 31

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
3. DRAWING IS BASED ON OS MAPPING.
4. EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - 4.1. LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - 4.2. UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/06/24.
 - 4.3. TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
5. COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

PERMANENT LAND TAKE BOUNDARY

TEMPORARY LAND TAKE BOUNDARY

PROPOSED GREENWAY

WATERCOURSE

WATERCOURSE DIVERSION

PRE EARTHWORKS DRAINAGE

OVER THE EDGE DITCH

FILTER DRAIN

ONLINE ATTENUATION

EXISTING DITCH

CARRIER DRAIN

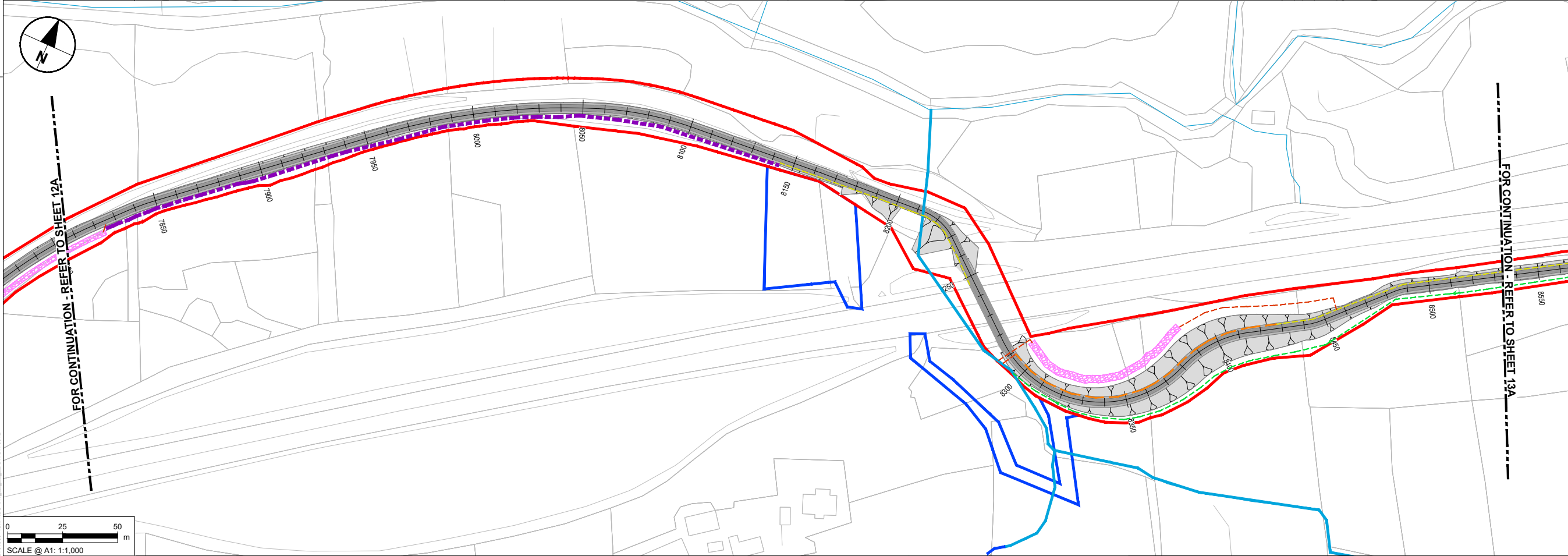
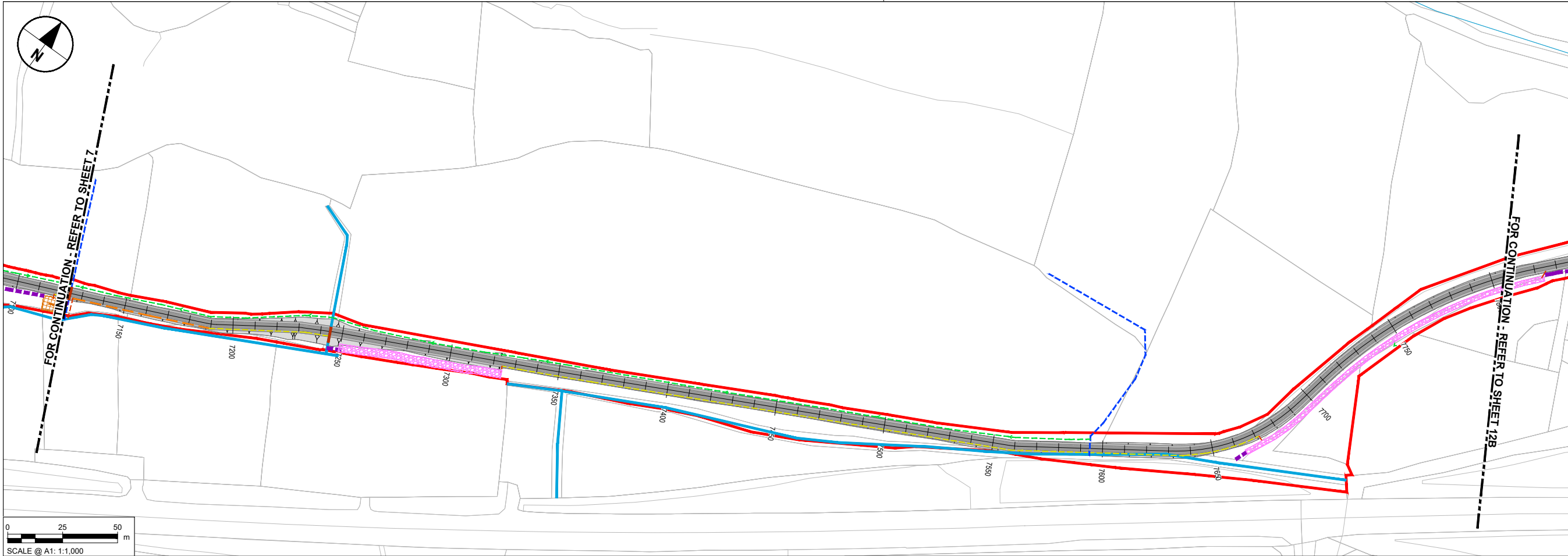
INFILTRATION TRENCH

ATTENUATION POND/SWALE

PROPOSED CULVERT

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed ---	Drawn IL	Checked AM	Approved DK	Date 15/06/26
Internal Project No. 60701883		Suitability S2		
Scale @ A1 1:1000		Volume Drainage		
Drawing Number Aecom Project ID 60701883		I Originator -ACM I Volume -HDG - SW_ZZ_ZZ_ZZ -DR-DR-0011		Rev P03
Location		I Type I Role I Number		



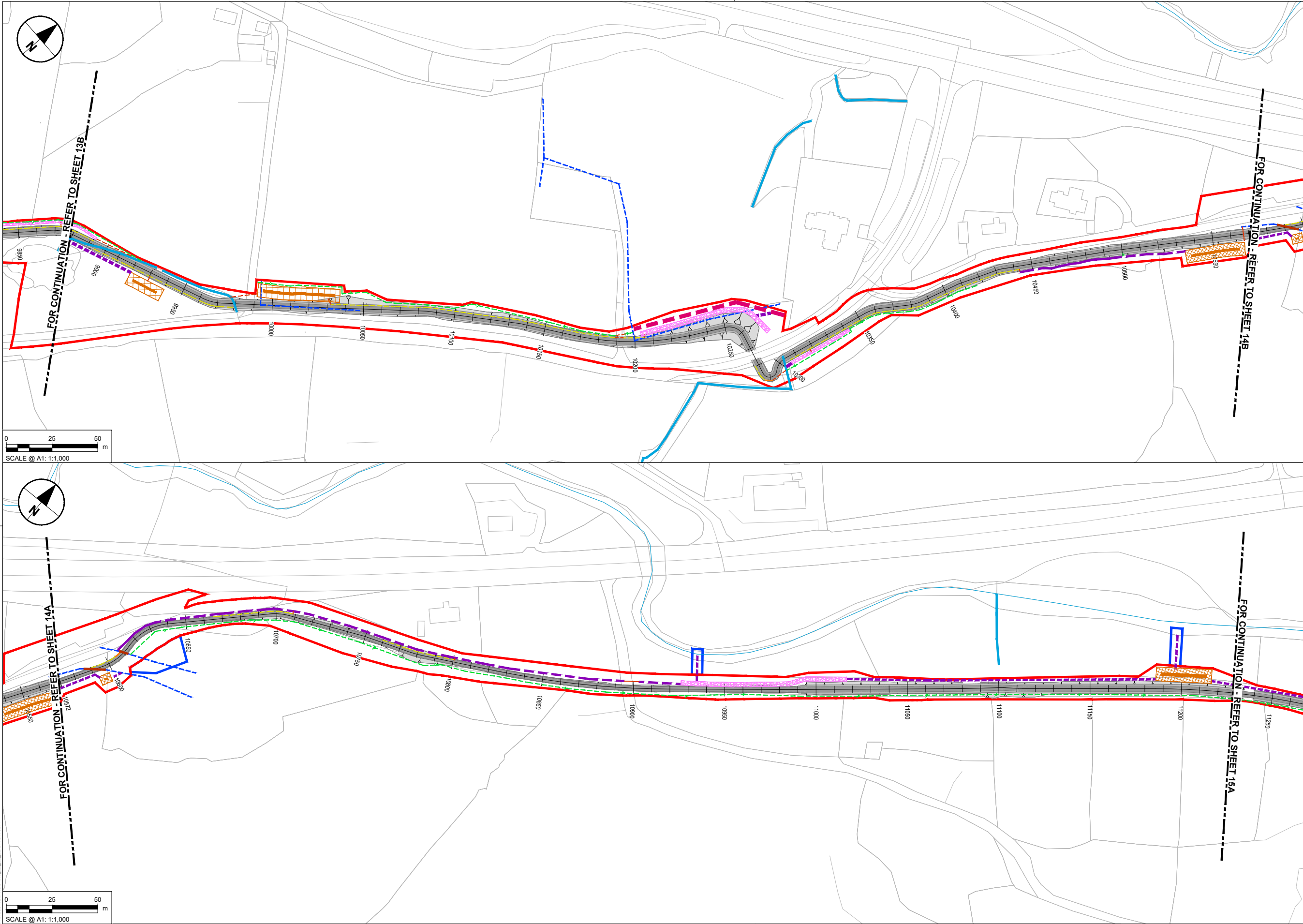
- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/02/204.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



Purpose of issue				SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX			
FOR INFORMATION				IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.			
THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.				Roughan & O'Donovan-AECOM Alliance			
REVISION DETAILS				AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com			
IL	DK	05/06/25	P01	Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie			
IL	DK	26/09/25	P02				
IL	DK	15/06/26	P03				
By		Date	Suffix				
Check							

Project Title		THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.											
Barnesmore Gap Greenway		Designed ---	Drawn IL	Checked AM	Approved DK	Date 15/06/26							
		Internal Project No. 60701883		Suitability S2									
Drawing Title		Scale @ A1 1:1000		Volume Drainage									
SERIES 0500 DRAINAGE LAYOUT SHEET 12 OF 31		<table><tr><td>Drawing Number Aecom Project ID 60701883</td><td>I Originator -ACM</td><td>I Volume -HDG- -DR-DR-0012</td><td>Rev P03</td></tr><tr><td>SW_ZZ_ZZ_ZZ</td><td>I Type Location</td><td>I Role I Number</td><td></td></tr></table>				Drawing Number Aecom Project ID 60701883	I Originator -ACM	I Volume -HDG- -DR-DR-0012	Rev P03	SW_ZZ_ZZ_ZZ	I Type Location	I Role I Number	
Drawing Number Aecom Project ID 60701883	I Originator -ACM	I Volume -HDG- -DR-DR-0012	Rev P03										
SW_ZZ_ZZ_ZZ	I Type Location	I Role I Number											

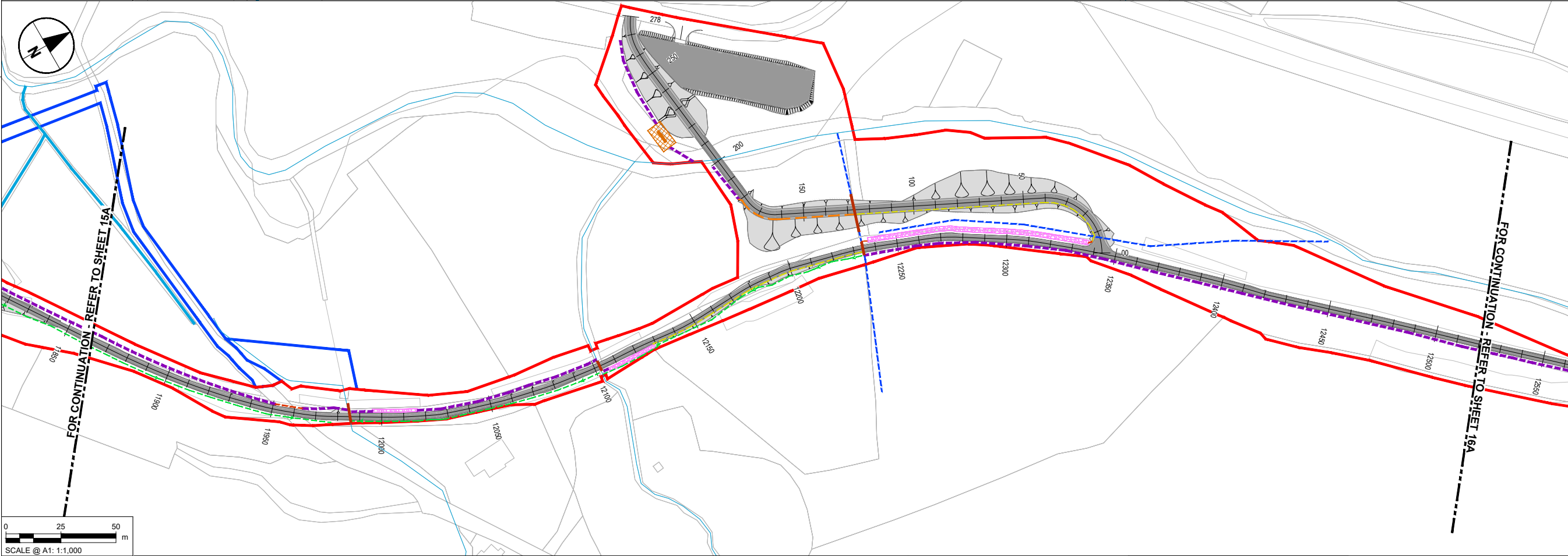
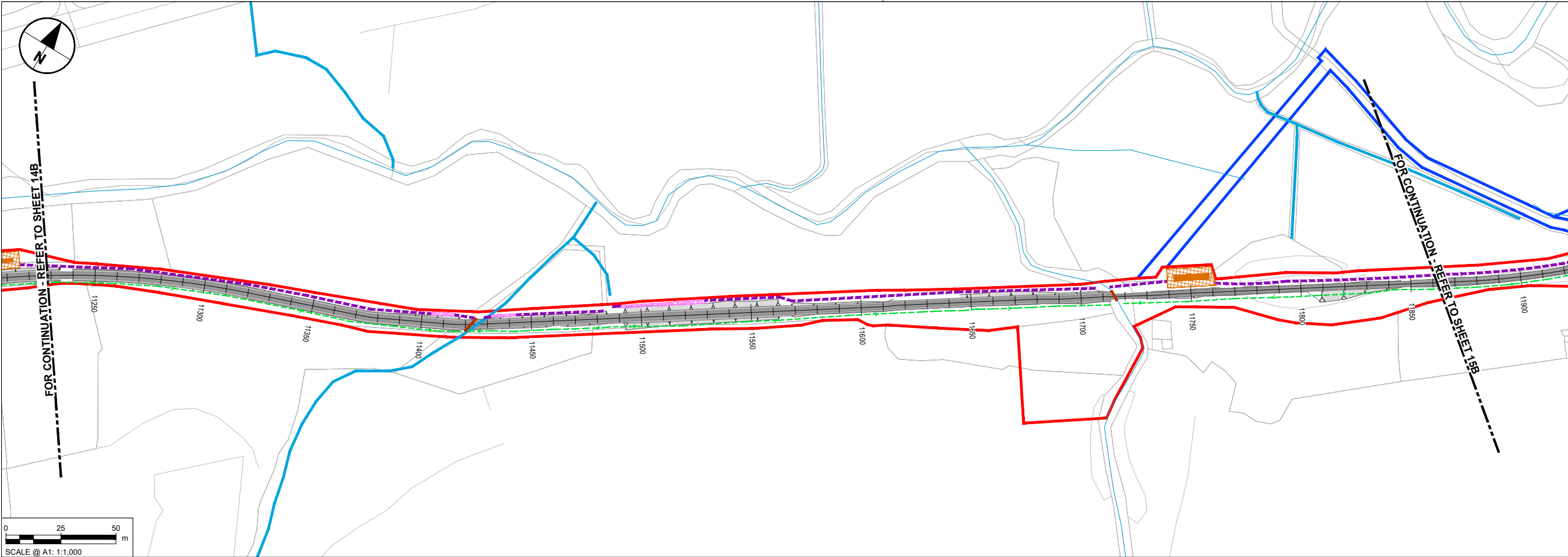


- NOTES**
1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 2. ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 3. DRAWING IS BASED ON OS MAPPING.
 4. EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - 4.1. LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - 4.2. UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/02/24.
 - 4.3. TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 5. COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



FOR INFORMATION	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.	Barnesmore Gap Greenway	THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.																																							
<table><tr><td>Designated</td><td>Drawn</td><td>Checked</td><td>Approved</td><td>Date</td></tr><tr><td>---</td><td>IL</td><td>AM</td><td>DK</td><td>15/06/26</td></tr></table>	Designated	Drawn	Checked	Approved	Date	---	IL	AM	DK	15/06/26	<table><tr><td>Internal Project No.</td><td>Suitability</td></tr><tr><td>60701883</td><td>S2</td></tr></table>	Internal Project No.	Suitability	60701883	S2	<table><tr><td>Scale @ A1</td><td>Volume</td></tr><tr><td>1:1,000</td><td>Drainage</td></tr></table>	Scale @ A1	Volume	1:1,000	Drainage	<table><tr><td>Drawing Number</td><td>I Originator</td><td>I Volume</td><td>Rev</td></tr><tr><td>60701883</td><td>-ACM</td><td>-HDG-</td><td>P03</td></tr><tr><td>SW_ZZ_ZZ_ZZ</td><td>-DR-DR-0014</td><td></td><td></td></tr><tr><td>Location</td><td>I Type</td><td>I Role</td><td>I Number</td></tr></table>	Drawing Number	I Originator	I Volume	Rev	60701883	-ACM	-HDG-	P03	SW_ZZ_ZZ_ZZ	-DR-DR-0014			Location	I Type	I Role	I Number					
Designated	Drawn	Checked	Approved	Date																																						
---	IL	AM	DK	15/06/26																																						
Internal Project No.	Suitability																																									
60701883	S2																																									
Scale @ A1	Volume																																									
1:1,000	Drainage																																									
Drawing Number	I Originator	I Volume	Rev																																							
60701883	-ACM	-HDG-	P03																																							
SW_ZZ_ZZ_ZZ	-DR-DR-0014																																									
Location	I Type	I Role	I Number																																							
REVISION DETAILS	<table><tr><th>By</th><th>Date</th><th>Suffix</th></tr><tr><td>IL</td><td>05/06/25</td><td>P01</td></tr><tr><td>DK</td><td>26/09/25</td><td>P02</td></tr><tr><td>IL</td><td>15/06/26</td><td>P03</td></tr><tr><td>DK</td><td></td><td></td></tr><tr><td>By</td><td>Date</td><td>Suffix</td></tr><tr><td>Check</td><td></td><td></td></tr></table>	By	Date	Suffix	IL	05/06/25	P01	DK	26/09/25	P02	IL	15/06/26	P03	DK			By	Date	Suffix	Check			<table><tr><td colspan="2">Roughan & O'Donovan-AECOM Alliance</td></tr><tr><td>AECOM</td><td>Roughan & O'Donovan</td></tr><tr><td>Adelphi Plaza</td><td>Arena House</td></tr><tr><td>Dun Laoghaire</td><td>Sandyford</td></tr><tr><td>Co. Dublin</td><td>Dublin 16</td></tr><tr><td>Ireland</td><td>Ireland</td></tr><tr><td>T +353 (0)1 238 3100</td><td>T +353 (0)1 294 0800</td></tr><tr><td>www.aecom.com</td><td>www.rod.ie</td></tr></table>	Roughan & O'Donovan-AECOM Alliance		AECOM	Roughan & O'Donovan	Adelphi Plaza	Arena House	Dun Laoghaire	Sandyford	Co. Dublin	Dublin 16	Ireland	Ireland	T +353 (0)1 238 3100	T +353 (0)1 294 0800	www.aecom.com	www.rod.ie	<table><tr><td colspan="2">SERIES 0500 DRAINAGE LAYOUT SHEET 14 OF 31</td></tr></table>	SERIES 0500 DRAINAGE LAYOUT SHEET 14 OF 31	
By	Date	Suffix																																								
IL	05/06/25	P01																																								
DK	26/09/25	P02																																								
IL	15/06/26	P03																																								
DK																																										
By	Date	Suffix																																								
Check																																										
Roughan & O'Donovan-AECOM Alliance																																										
AECOM	Roughan & O'Donovan																																									
Adelphi Plaza	Arena House																																									
Dun Laoghaire	Sandyford																																									
Co. Dublin	Dublin 16																																									
Ireland	Ireland																																									
T +353 (0)1 238 3100	T +353 (0)1 294 0800																																									
www.aecom.com	www.rod.ie																																									
SERIES 0500 DRAINAGE LAYOUT SHEET 14 OF 31																																										



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

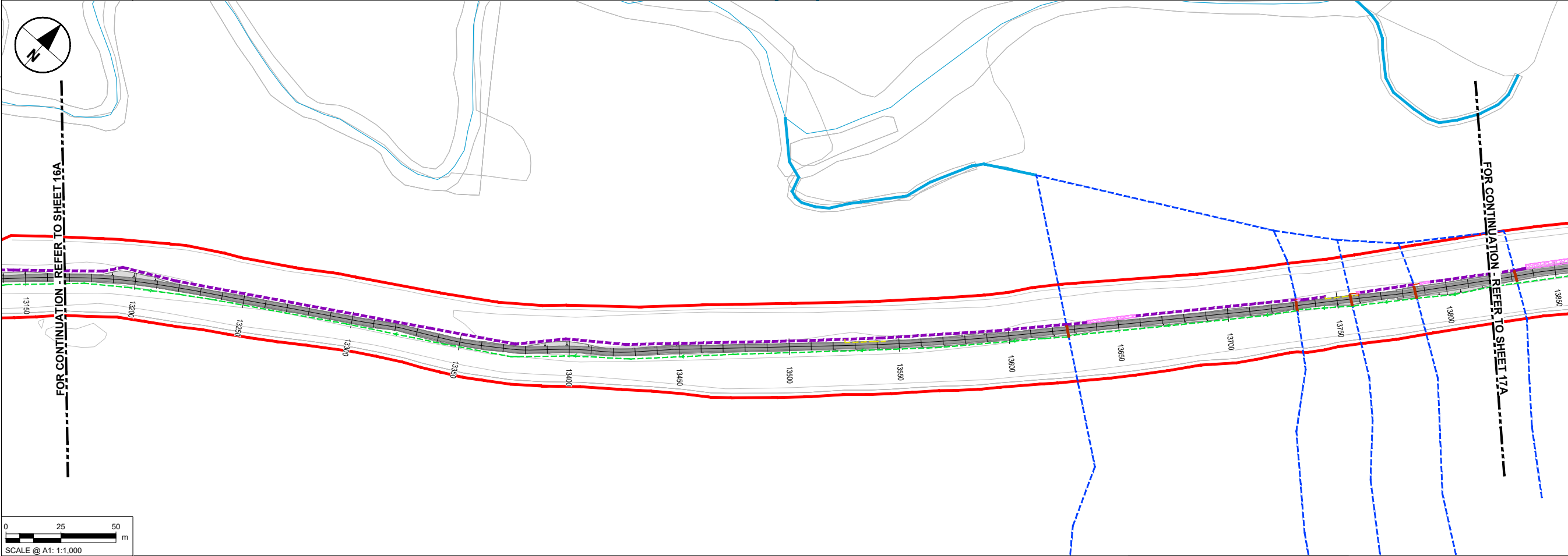
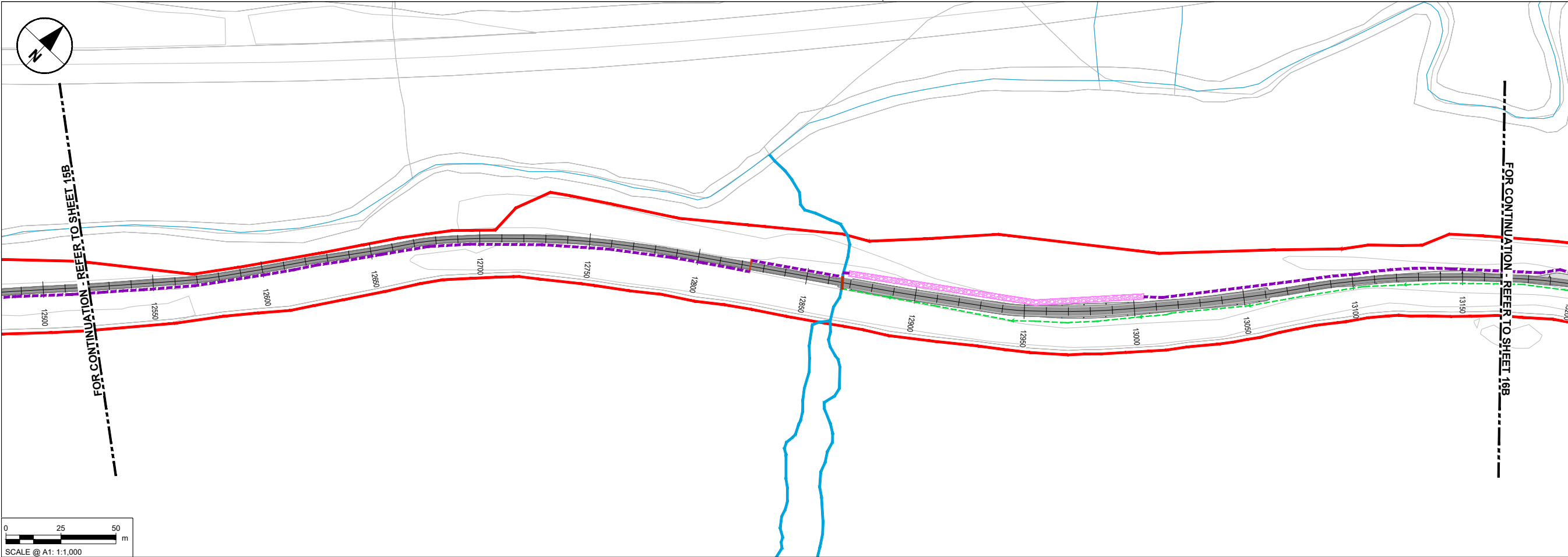


Purpose of issue				
FOR INFORMATION				
	IL	DK	05/06/25	P01
	IL	DK	26/09/25	P02
	IL	DK	15/06/26	P03
	By	Date	Suffix	
	Check			
REVISION DETAILS				

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX		
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.		
THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.		
Roughan & O'Donovan-AECOM Alliance		
AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com		
Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie		

Project Title	Barnesmore Gap Greenway
Drawing Title	SERIES 0500 DRAINAGE LAYOUT SHEET 15 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.				
Designed ---	Drawn IL	Checked AM	Approved DK	Date 15/06/26
Internal Project No. 60701883			Suitability S2	
Scale @ A1 1:1000		Volume Drainage		
Drawing Number 60701883	I Originator -ACM	I Volume -HDG-	Rev P03	
SW_ZZ_ZZ_ZZ		DR-DR-0015		
Location	I Type	I Role	I Number	



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



FOR INFORMATION		SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX		Project Title	
IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.		THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.		Barnesmore Gap Greenway	
DESIGNED IL 05/06/25 P01		DRAWN DK 26/09/25 P02		CHECKED AM 15/06/26	
DATE 15/06/26 P03		BY DK		DATE 15/06/26	
REVISION DETAILS		SUFFIX		SUITABILITY	
				S2	
				SCALE @ A1 1:1,000	
				VOLUME Drainage	
				DRAWING NUMBER 60701883	
				ORIGINATOR -ACM	
				VOLUME -HDG-	
				LOCATION SW_ZZ_ZZ_ZZ	
				REVISION P03	

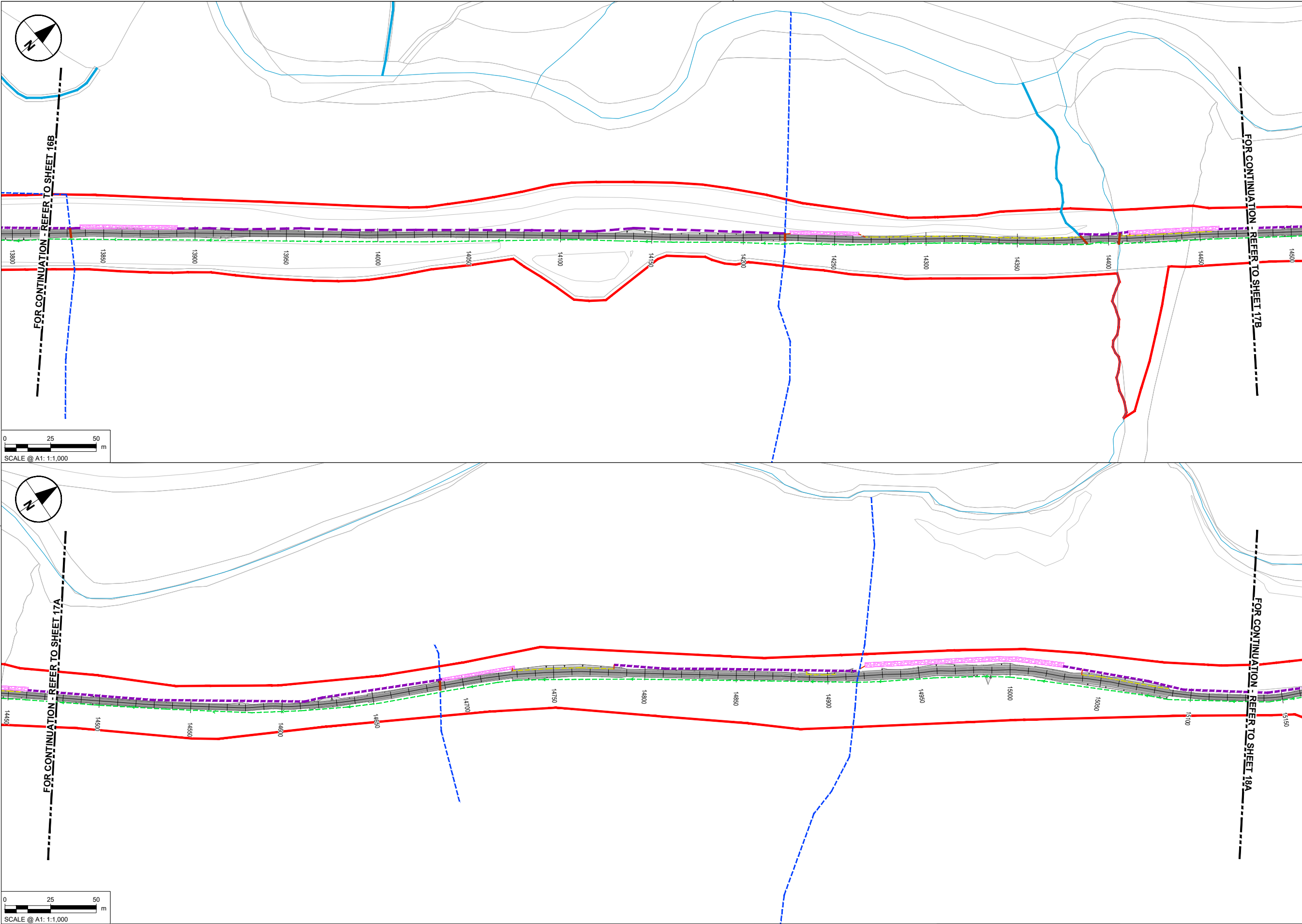
ROD AECOM

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

**SERIES 0500
DRAINAGE LAYOUT
SHEET 16 OF 31**



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

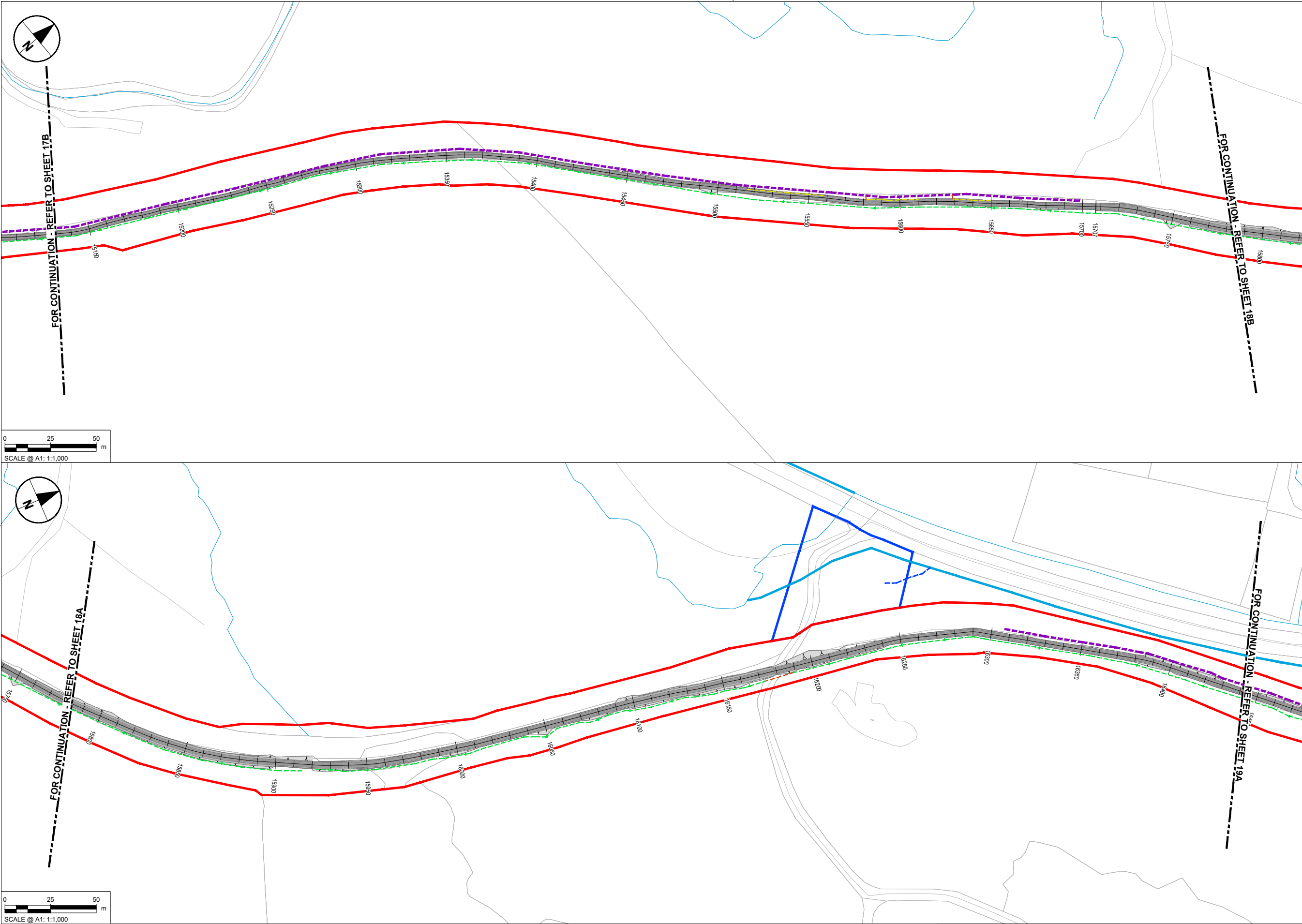
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

0 25 50 m
SCALE @ A1: 1:1,000

0 25 50 m
SCALE @ A1: 1:1,000



FOR INFORMATION	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.	Project Title Barnesmore Gap Greenway	THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED. <table><tr><td>Designed</td><td>Drawn</td><td>Checked</td><td>Approved</td><td>Date</td></tr><tr><td>---</td><td>IL</td><td>AM</td><td>DK</td><td>15/06/26</td></tr></table> <table><tr><td>Internal Project No.</td><td>Suitability</td></tr><tr><td>60701883</td><td>S2</td></tr></table> <table><tr><td>Scale @ A1</td><td>Volume</td></tr><tr><td>1:1000</td><td>Drainage</td></tr></table> <table><tr><td>Drawing Number</td><td>Aecom Project ID</td><td>I Originator</td><td>I Volume</td><td>Rev</td></tr><tr><td>60701883</td><td>-ACM</td><td>-HDG-</td><td>-DR-</td><td>P03</td></tr><tr><td>SW_ZZ_ZZ_ZZ</td><td>-DR-</td><td>DR-0017</td><td></td><td></td></tr><tr><td>Location</td><td>I Type</td><td>I Role</td><td>I Number</td><td></td></tr></table>	Designed	Drawn	Checked	Approved	Date	---	IL	AM	DK	15/06/26	Internal Project No.	Suitability	60701883	S2	Scale @ A1	Volume	1:1000	Drainage	Drawing Number	Aecom Project ID	I Originator	I Volume	Rev	60701883	-ACM	-HDG-	-DR-	P03	SW_ZZ_ZZ_ZZ	-DR-	DR-0017			Location	I Type	I Role	I Number	
Designed	Drawn	Checked		Approved	Date																																				
---	IL	AM		DK	15/06/26																																				
Internal Project No.	Suitability																																								
60701883	S2																																								
Scale @ A1	Volume																																								
1:1000	Drainage																																								
Drawing Number	Aecom Project ID	I Originator	I Volume	Rev																																					
60701883	-ACM	-HDG-	-DR-	P03																																					
SW_ZZ_ZZ_ZZ	-DR-	DR-0017																																							
Location	I Type	I Role	I Number																																						
REVISION DETAILS	<table><tr><th>Purpose of issue</th><th>By</th><th>Date</th><th>Suffix</th></tr><tr><td></td><td>IL</td><td>05/06/25</td><td>P01</td></tr><tr><td></td><td>DK</td><td>26/09/25</td><td>P02</td></tr><tr><td></td><td>IL</td><td>15/06/26</td><td>P03</td></tr><tr><td></td><td>DK</td><td></td><td></td></tr></table>	Purpose of issue	By	Date	Suffix		IL	05/06/25	P01		DK	26/09/25	P02		IL	15/06/26	P03		DK			<table><tr><td colspan="2">Roughan & O'Donovan-AECOM Alliance</td></tr><tr><td>ROD AECOM</td><td>ROUGHAN & O'DONOVAN</td></tr><tr><td>AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com</td><td>Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie</td></tr></table>	Roughan & O'Donovan-AECOM Alliance		ROD AECOM	ROUGHAN & O'DONOVAN	AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com	Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie	Drawing Title SERIES 0500 DRAINAGE LAYOUT SHEET 17 OF 31												
Purpose of issue	By	Date	Suffix																																						
	IL	05/06/25	P01																																						
	DK	26/09/25	P02																																						
	IL	15/06/26	P03																																						
	DK																																								
Roughan & O'Donovan-AECOM Alliance																																									
ROD AECOM	ROUGHAN & O'DONOVAN																																								
AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com	Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie																																								



NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

2. ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.

3. DRAWING IS BASED ON OS MAPPING.

4. EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:

4.1. LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.

4.2. UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/204.

4.3. TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.

5. COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.

6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

KEY

PERMANENT LAND TAKE BOUNDARY

TEMPORARY LAND TAKE BOUNDARY

PROPOSED GREENWAY

WATERCOURSE

WATERCOURSE DIVERSION

PRE EARTHWORKS DRAINAGE

OVER THE EDGE DITCH

FILTER DRAIN

ONLINE ATTENUATION

EXISTING DITCH

CARRIER DRAIN

INFILTRATION TRENCH

ATTENUATION POND/SWALE

PROPOSED CULVERT

© Copyright Acknowledgements Includes Ordnance Survey Ireland data reproduced under OSI Licence Number 2023/OSI NMA 053. Reproduction infringes Ordnance Survey Ireland and Government of Ireland Copyright.

FOR INFORMATION

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

ROD

AECOM

ROUGHAN & O'DONOVAN

AECOM

Adelphi Plaza

Georges Street Upper

Dun Laoghaire

Co. Dublin

Ireland

T +353 (0)1 238 3100

www.aecom.com

Roughan & O'Donovan

Arena House

Arena Road

Sandyford

Dublin 18

Ireland

T +353 (0)1 294 0800

www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 18 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed

IL

Drawn

IL

Checked

AM

Approved

DK

Date

15/06/26

Internal Project No.

60701883

Suitability

S2

Scale @ A1

1:1,000

Volume

Drainage

Drawing Number

60701883

I Originator

-ACM

I Volume

-HDG-

Location

SW_ZZ_ZZ_ZZ

I Type

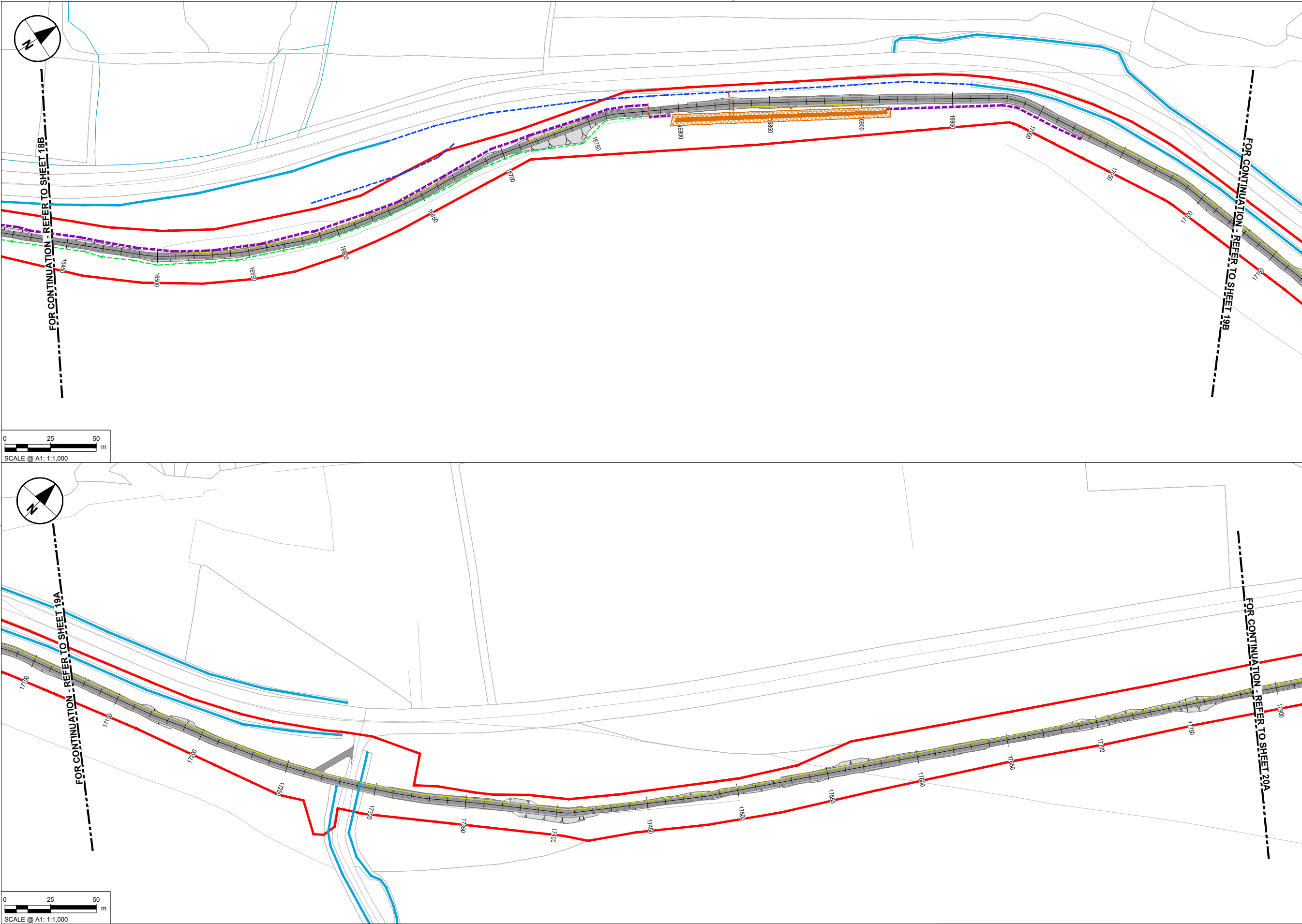
-DR-

I Role

DR-0018

Rev

P03



NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

2. ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.

3. DRAWING IS BASED ON OS MAPPING.

4. EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:

4.1. LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.

4.2. UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.

4.3. TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.

5. COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.

6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

KEY

PERMANENT LAND TAKE BOUNDARY

TEMPORARY LAND TAKE BOUNDARY

PROPOSED GREENWAY

WATERCOURSE

WATERCOURSE DIVERSION

PRE EARTHWORKS DRAINAGE

OVER THE EDGE DITCH

FILTER DRAIN

ONLINE ATTENUATION

EXISTING DITCH

CARRIER DRAIN

INFILTRATION TRENCH

ATTENUATION POND/SWALE

PROPOSED CULVERT

© Copyright Acknowledgements Includes Ordnance Survey Ireland data reproduced under OSI Licence Number 2023/OSI NMA 053. Reproduction infringes Ordnance Survey Ireland and Government of Ireland Copyright.

FOR INFORMATION

IL	DK	05/06/25	P01
IL	DK	26/09/25	P02
IL	DK	15/06/26	P03
By	Date	Suffix	
Check			

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM

Adelphi Plaza

Georges Street Upper

Dun Laoghaire

Co. Dublin

Ireland

T +353 (0)1 238 3100

www.aecom.com

Roughan & O'Donovan

Arena House

Arena Road

Sandyford

Dublin 18

Ireland

T +353 (0)1 294 0800

www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 19 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No.

60701883

Suitability

S2

Scale @ A1

1:1,000

Volume

Drainage

Drawing Number

Aecom Project ID

60701883

SW_ZZ_ZZ_ZZ

Location

I Originator

-ACM

I Volume

-HDG-

I Type

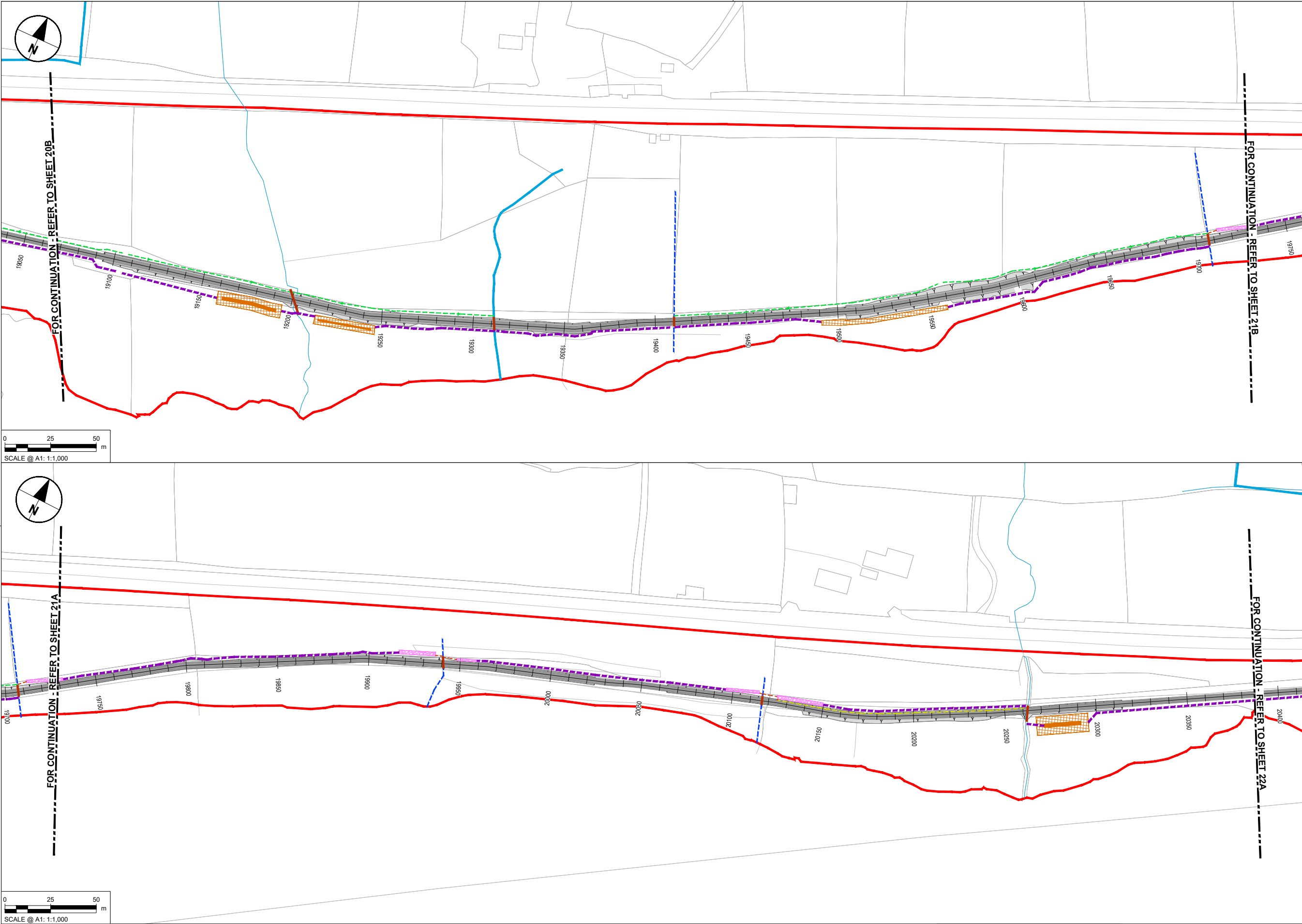
-DR-

I Role

DR-0019

Rev

P03



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - CLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

Purpose of issue

FOR INFORMATION

IL	DK	05/06/25	P01
IL	DK	26/09/25	P02
IL	DK	15/06/26	P03
By	Date	Suffix	
Check			

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 21 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

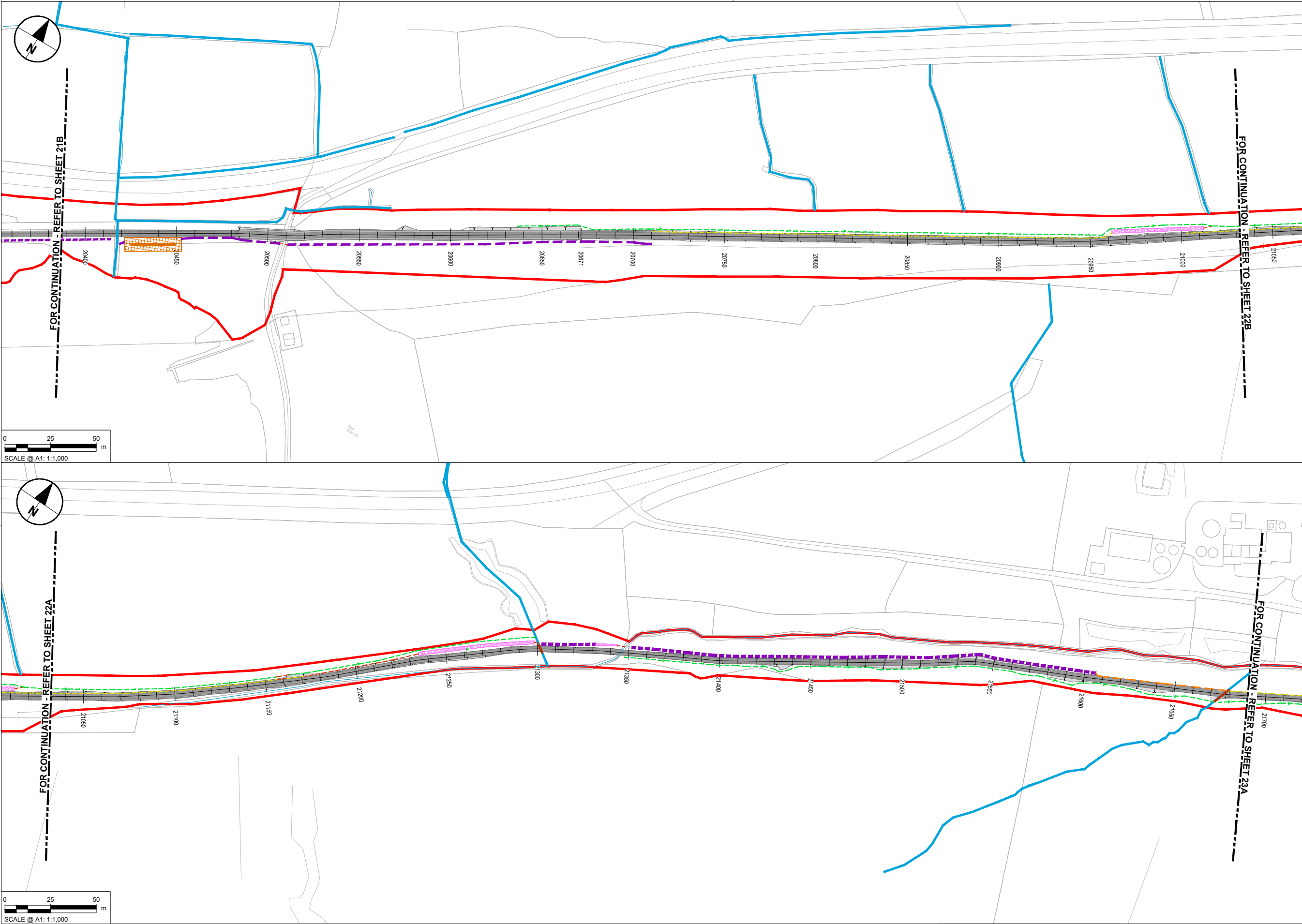
Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No. 60701883

Scale @ A1 1:1000

Volume Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-0021	P03
Location	SW_ZZ_ZZ_ZZ	I Type	I Role	I Number



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.

- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

Purpose of issue

FOR INFORMATION

By	Date	Suffix
IL	05/06/25	P01
DK	26/09/25	P02
IL	15/06/26	P03
DK		
By		
Check		

REVISION DETAILS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

AECOM
Adelphi Plaza
Georges Street Upper
Dun Laoghaire
Co. Dublin
Ireland
T +353 (0)1 238 3100
www.aecom.com

Roughan & O'Donovan
Arena House
Arena Road
Sandyford
Dublin 18
Ireland
T +353 (0)1 294 0800
www.rod.ie

Project Title

Barnesmore Gap Greenway

Drawing Title

SERIES 0500 DRAINAGE LAYOUT SHEET 22 OF 31

THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.

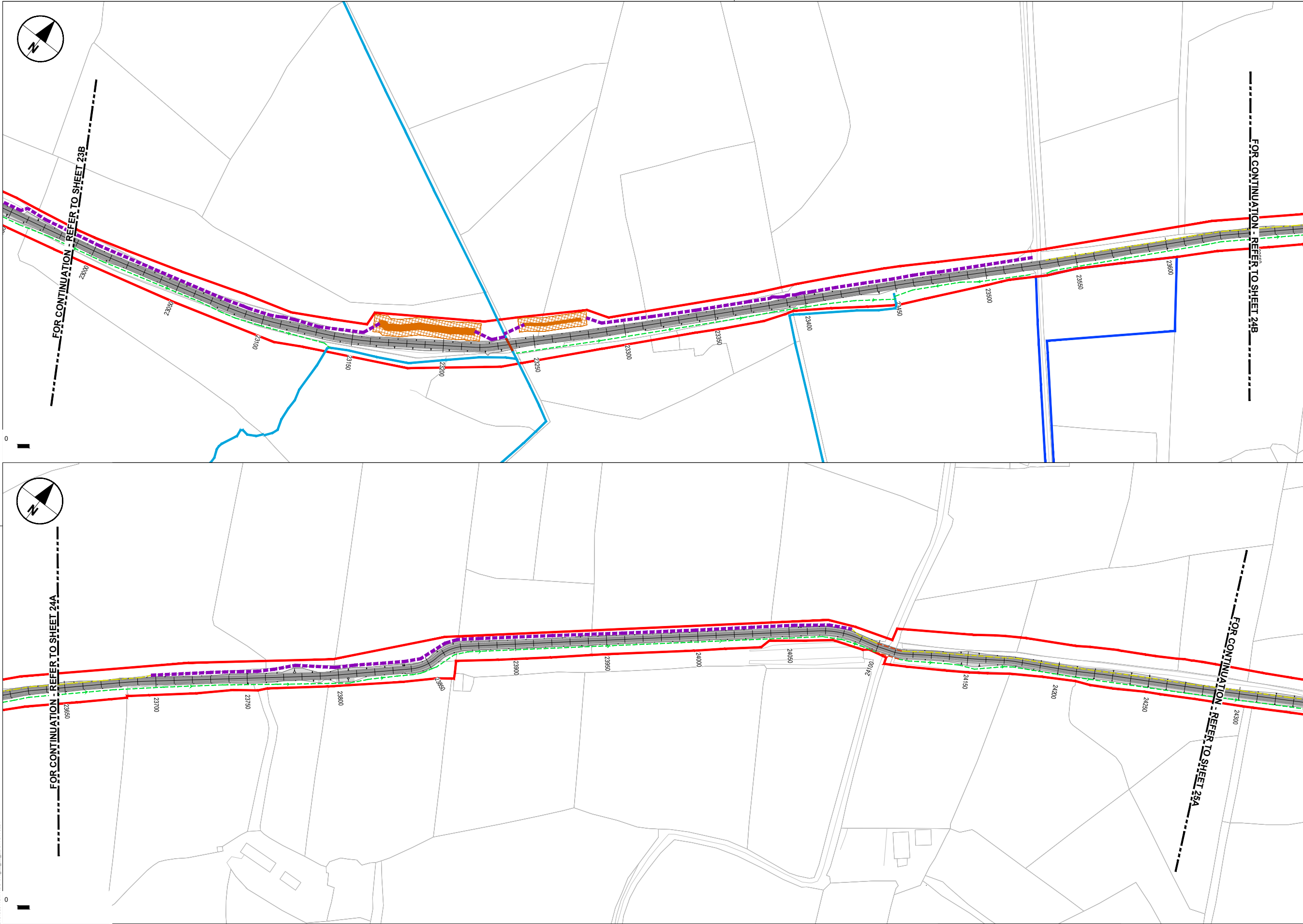
Designed	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No. 60701883

Scale @ A1 1:1000

Volume Drainage

Drawing Number	Aecom Project ID	I Originator	I Volume	Rev
60701883	-ACM	-HDG-	-DR-	P03
SW_ZZ_ZZ_ZZ				
Location		I Type	I Role	I Number



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - COLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT

FOR INFORMATION

Designated	Drawn	Checked	Approved	Date
---	IL	AM	DK	15/06/26

Internal Project No. 60701883

Scale @ A1 1:1000

Volume Drainage

Drawing Number 60701883

Aecom Project ID -ACM -HDG-SW_ZZ_ZZ_ZZ

Location

1 Originator 1 Volume

1 Type 1 Role 1 Number

P03

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.

Roughan & O'Donovan-AECOM Alliance

ROD AECOM

T +353 (0)1 238 3100 www.rod.ie

T +353 (0)1 294 0800 www.aecom.com

FOR CONTINUATION - REFER TO SHEET 23B

FOR CONTINUATION - REFER TO SHEET 24A

FOR CONTINUATION - REFER TO SHEET 24B

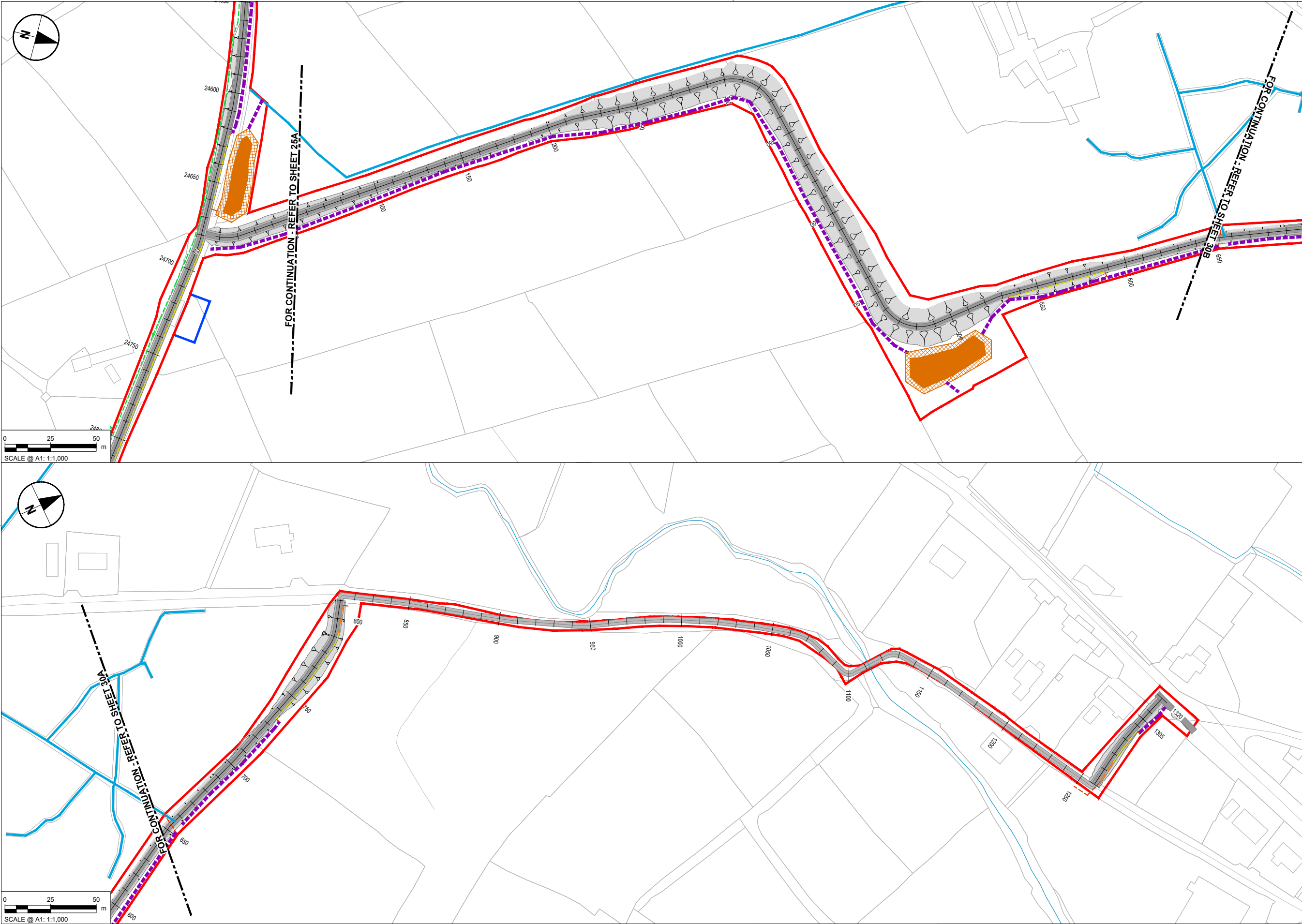
FOR CONTINUATION - REFER TO SHEET 24A

Barnesmore Gap Greenway

SERIES 0500 DRAINAGE LAYOUT SHEET 24 OF 31

REVISION DETAILS

By	Date	Suffix
IL	05/06/25	P01
DK	26/09/25	P02
IL	15/06/26	P03
DK		
By	Date	Suffix
Check		



- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ITEMS IN GREY REPRESENT THE EXISTING LAYOUT AND INFRASTRUCTURE UNLESS OTHERWISE STATED.
 - DRAWING IS BASED ON OS MAPPING.
 - EXISTING SURFACE DATA BASED ON MULTIPLE SOURCES:
 - LIDARSURVEY DATA PROVIDED BY TII ON 06/06/2024.
 - UAV SURVEY DATA PROVIDED BY IO GEOMATICS ON 21/10/2024.
 - TOPO SURVEY DATA PROVIDED BY IO GEOMATICS ON 02/09/2025.
 - CLOURS SHOWN IN THESE DRAWINGS ARE INDICATIVE AND SHOULD NOT BE CONFUSED WITH THOSE OF FINISHED SURFACES.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION.
- KEY**
- PERMANENT LAND TAKE BOUNDARY
 - TEMPORARY LAND TAKE BOUNDARY
 - PROPOSED GREENWAY
 - WATERCOURSE
 - WATERCOURSE DIVERSION
 - PRE EARTHWORKS DRAINAGE
 - OVER THE EDGE DITCH
 - FILTER DRAIN
 - ONLINE ATTENUATION
 - EXISTING DITCH
 - CARRIER DRAIN
 - INFILTRATION TRENCH
 - ATTENUATION POND/SWALE
 - PROPOSED CULVERT



FOR INFORMATION	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT.	Project Title Barnesmore Gap Greenway	THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF ROD-AECOM'S APPOINTMENT BY ITS CLIENT. ROD-AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING ROD-AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED. <table><tr><td>Designed</td><td>Drawn</td><td>Checked</td><td>Approved</td><td>Date</td></tr><tr><td>---</td><td>IL</td><td>AM</td><td>DK</td><td>15/06/26</td></tr></table> <table><tr><td>Internal Project No.</td><td>Suitability</td></tr><tr><td>60701883</td><td>S2</td></tr></table> <table><tr><td>Scale @ A1</td><td>Volume</td></tr><tr><td>1:1000</td><td>Drainage</td></tr></table> <table><tr><td>Drawing Number</td><td>I Originator</td><td>I Volume</td><td>Rev</td></tr><tr><td>60701883</td><td>-ACM</td><td>-HDG-</td><td>P03</td></tr><tr><td>SW_ZZ_ZZ_ZZ</td><td>-DR-DR-0030</td><td></td><td></td></tr><tr><td>Location</td><td>I Type</td><td>I Role</td><td>I Number</td></tr></table>	Designed	Drawn	Checked	Approved	Date	---	IL	AM	DK	15/06/26	Internal Project No.	Suitability	60701883	S2	Scale @ A1	Volume	1:1000	Drainage	Drawing Number	I Originator	I Volume	Rev	60701883	-ACM	-HDG-	P03	SW_ZZ_ZZ_ZZ	-DR-DR-0030			Location	I Type	I Role	I Number
Designed	Drawn	Checked		Approved	Date																																
---	IL	AM	DK	15/06/26																																	
Internal Project No.	Suitability																																				
60701883	S2																																				
Scale @ A1	Volume																																				
1:1000	Drainage																																				
Drawing Number	I Originator	I Volume	Rev																																		
60701883	-ACM	-HDG-	P03																																		
SW_ZZ_ZZ_ZZ	-DR-DR-0030																																				
Location	I Type	I Role	I Number																																		
REVISION DETAILS	<table><tr><th>By</th><th>Date</th><th>Suffix</th></tr><tr><td>IL</td><td>05/06/25</td><td>P01</td></tr><tr><td>DK</td><td>26/09/25</td><td>P02</td></tr><tr><td>IL</td><td>15/06/26</td><td>P03</td></tr><tr><td>DK</td><td></td><td></td></tr><tr><td>By</td><td></td><td></td></tr><tr><td>Check</td><td></td><td></td></tr></table>	By	Date	Suffix	IL	05/06/25	P01	DK	26/09/25	P02	IL	15/06/26	P03	DK			By			Check			<table><tr><td colspan="2">ROD AECOM</td></tr><tr><td>AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com</td><td>Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie</td></tr></table>	ROD AECOM		AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com	Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie	SERIES 0500 DRAINAGE LAYOUT SHEET 30 OF 31									
By	Date	Suffix																																			
IL	05/06/25	P01																																			
DK	26/09/25	P02																																			
IL	15/06/26	P03																																			
DK																																					
By																																					
Check																																					
ROD AECOM																																					
AECOM Adelphi Plaza Georges Street Upper Dun Laoghaire Co. Dublin Ireland T +353 (0)1 238 3100 www.aecom.com	Roughan & O'Donovan Arena House Arena Road Sandyford Dublin 18 Ireland T +353 (0)1 294 0800 www.rod.ie																																				

