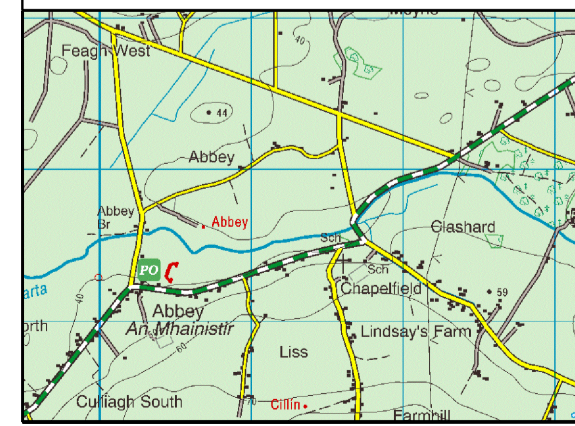
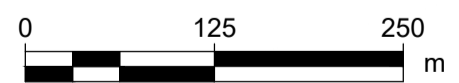
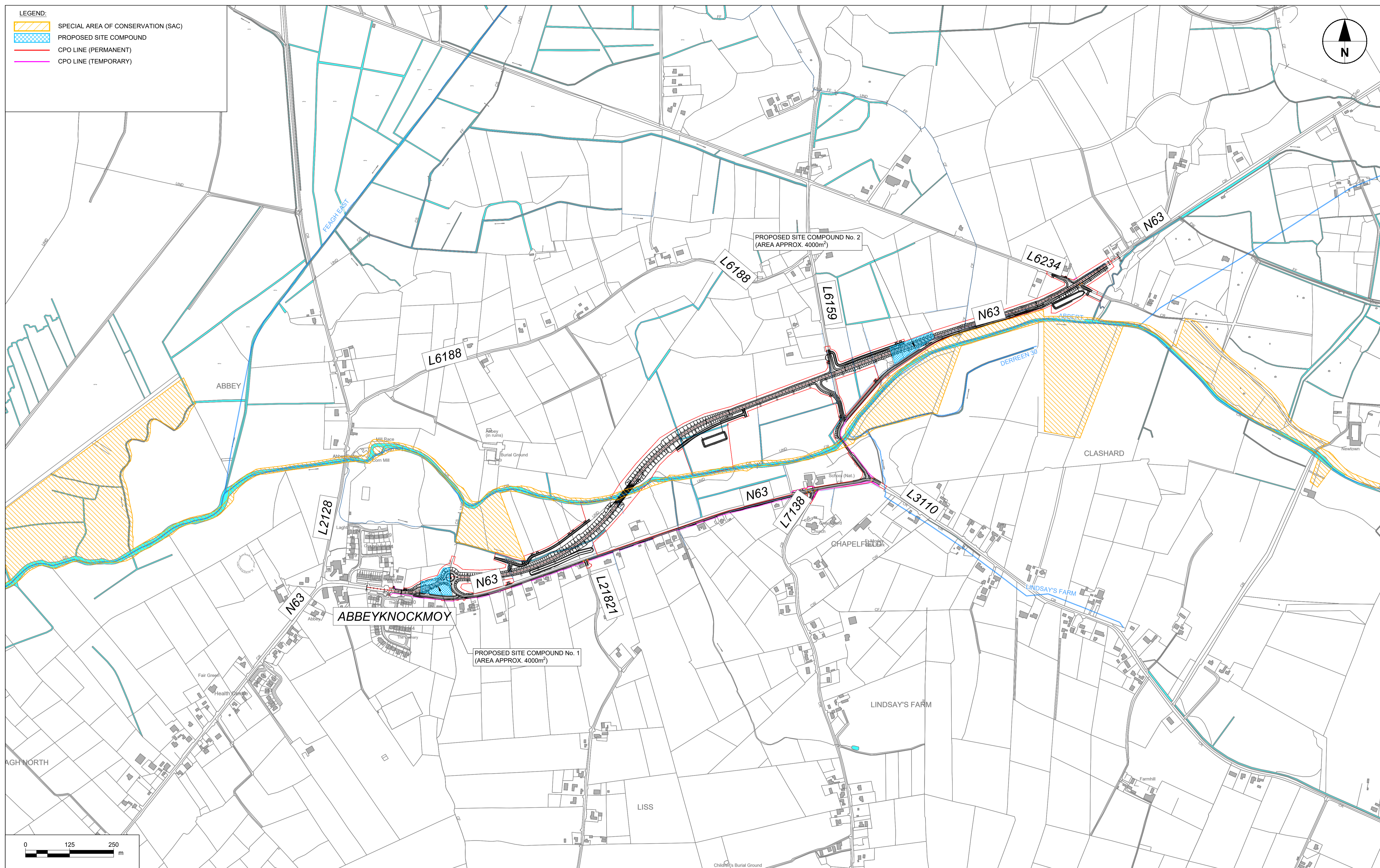
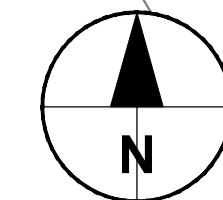


- LEGEND:**
- SPECIAL AREA OF CONSERVATION (SAC)
 - PROPOSED SITE COMPOUND
 - CPO LINE (PERMANENT)
 - CPO LINE (TEMPORARY)



No.	Revision	Date	By	Chk'd	App'd

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Drawn: AC, Designed: LB, Checked: PC, Approved: EG

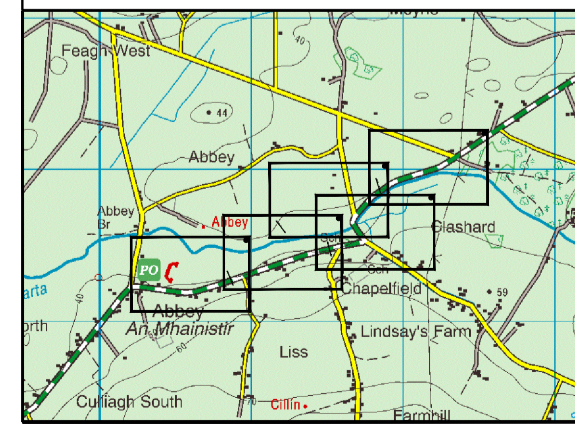
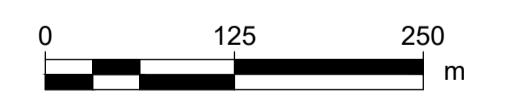
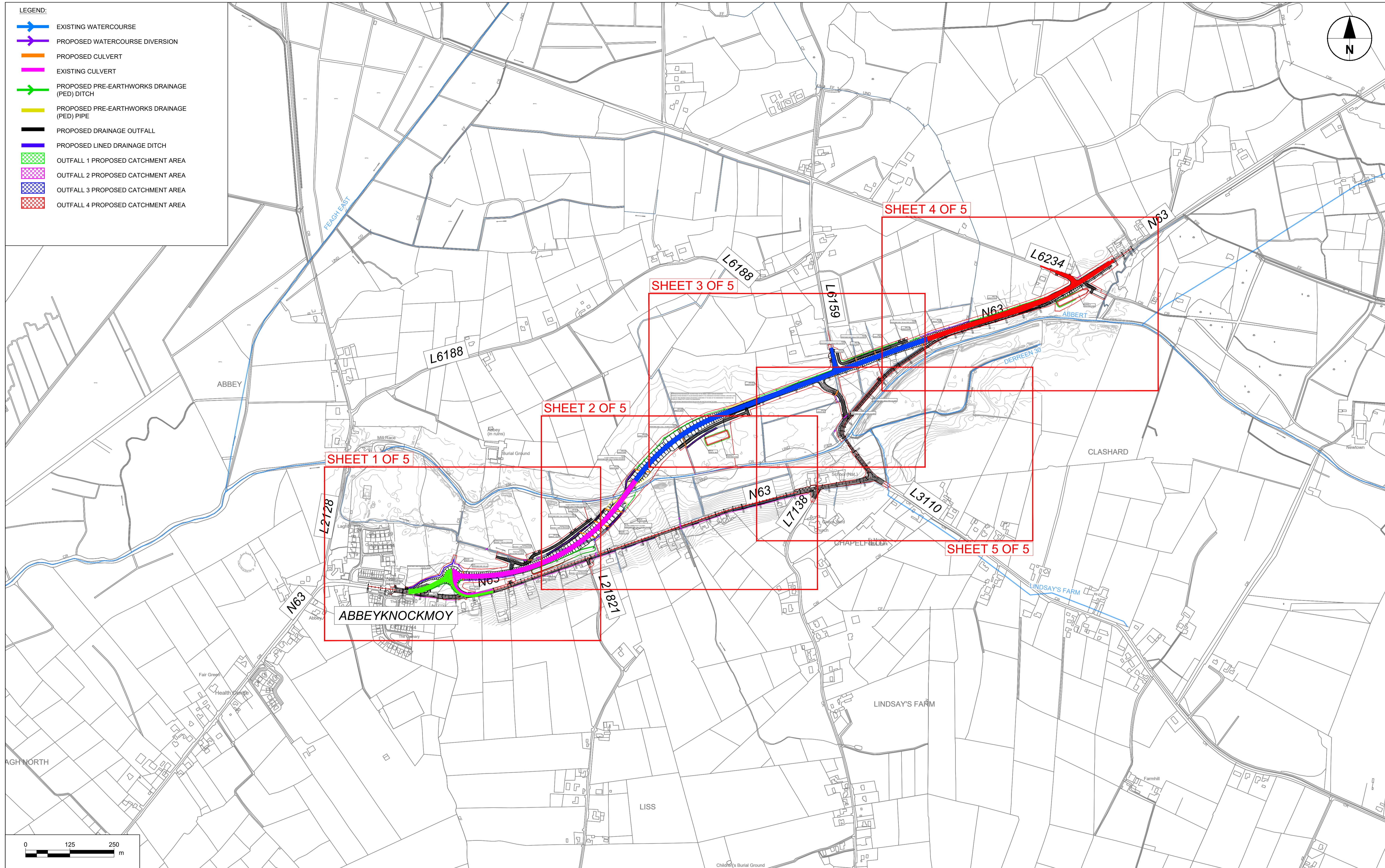
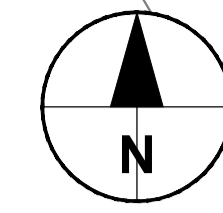
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S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME			
Drawing Title		FIGURE A4.19 - PROPOSED SITE COMPOUND LOCATION PLAN			
Project	Originator	Phase	Series	Type	Dept. Number
N63	ACM	PH03	0200	DR	HW - 0200
Scale: 1:5000 @A1 / 1:10000 @A3		Date: FEB 2022	Job No: 60597858	Rev: 0	

- LEGEND:**
-  EXISTING WATERCOURSE
 -  PROPOSED WATERCOURSE DIVERSION
 -  PROPOSED CULVERT
 -  EXISTING CULVERT
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) DITCH
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) PIPE
 -  PROPOSED DRAINAGE OUTFALL
 -  PROPOSED LINED DRAINAGE DITCH
 -  OUTFALL 1 PROPOSED CATCHMENT AREA
 -  OUTFALL 2 PROPOSED CATCHMENT AREA
 -  OUTFALL 3 PROPOSED CATCHMENT AREA
 -  OUTFALL 4 PROPOSED CATCHMENT AREA



No.	Revision	Date	By	Chk'd	App'd

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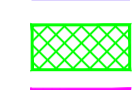
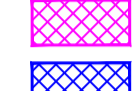
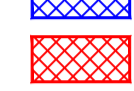

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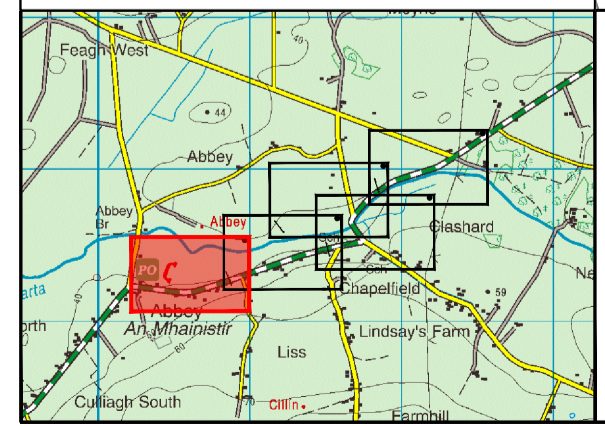
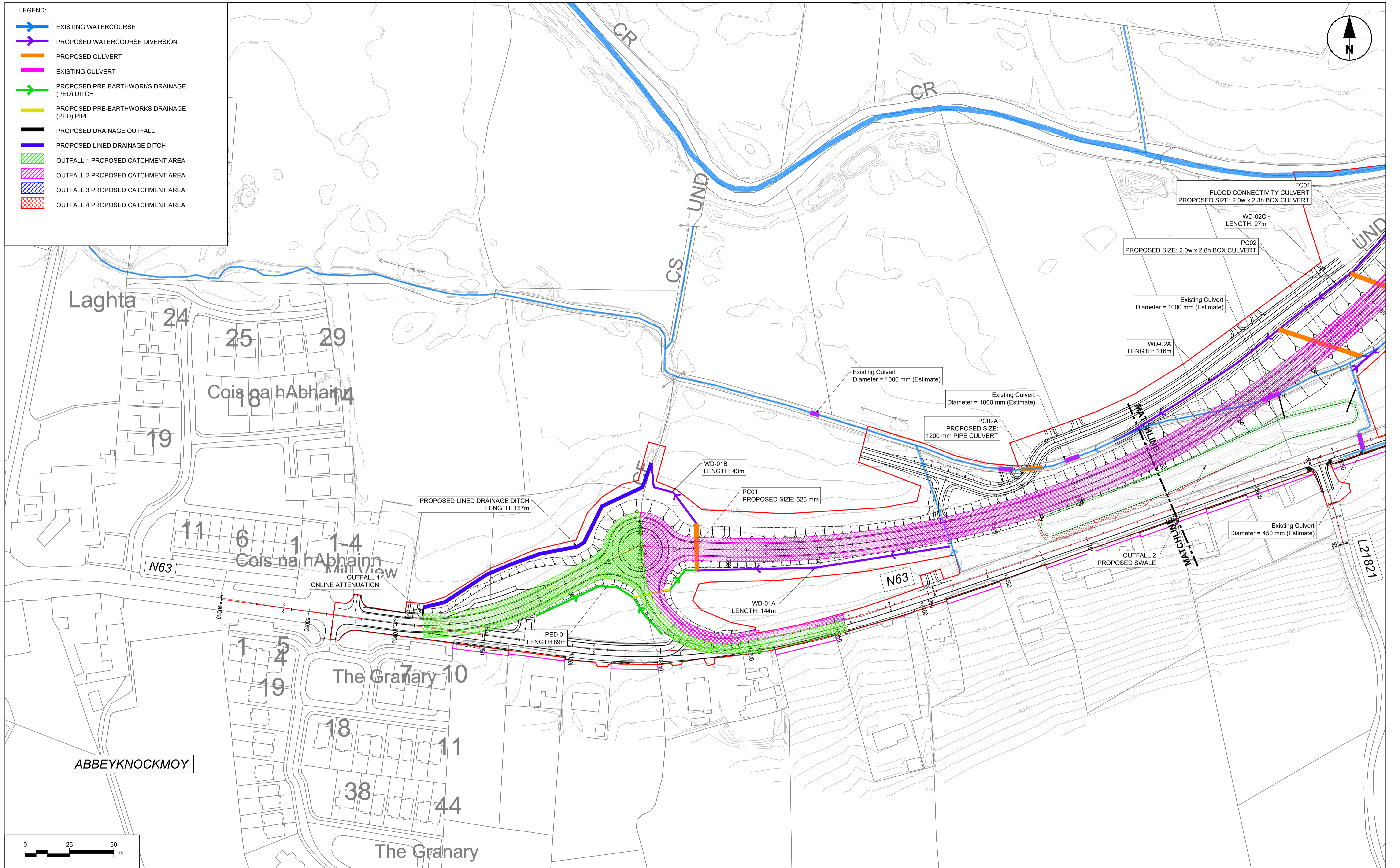
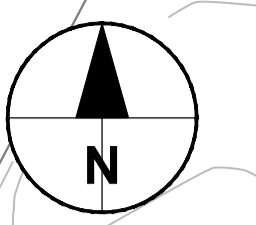
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Drawn: AC, Designed: LB, Checked: PC, Approved: EG
Suitability Code - Description: S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME			
Drawing Title		FIGURE A4.20 - DRAINAGE - SHEET LAYOUT			
Project	Originator	Phase	Series	Type	Dept. Number
N63	ACM	PH03	0500	DR - DR	0500
Drawing Number		Scale: 1:5000 @A1 / 1:10500 @A3		Date: FEB 2022	Job No: 60597858 Rev: 0

- LEGEND:**
-  EXISTING WATERCOURSE
 -  PROPOSED WATERCOURSE DIVERSION
 -  PROPOSED CULVERT
 -  EXISTING CULVERT
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) DITCH
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) PIPE
 -  PROPOSED DRAINAGE OUTFALL
 -  PROPOSED LINED DRAINAGE DITCH
 -  OUTFALL 1 PROPOSED CATCHMENT AREA
 -  OUTFALL 2 PROPOSED CATCHMENT AREA
 -  OUTFALL 3 PROPOSED CATCHMENT AREA
 -  OUTFALL 4 PROPOSED CATCHMENT AREA



No.	Revision	Date	By	Chk'd	App'd

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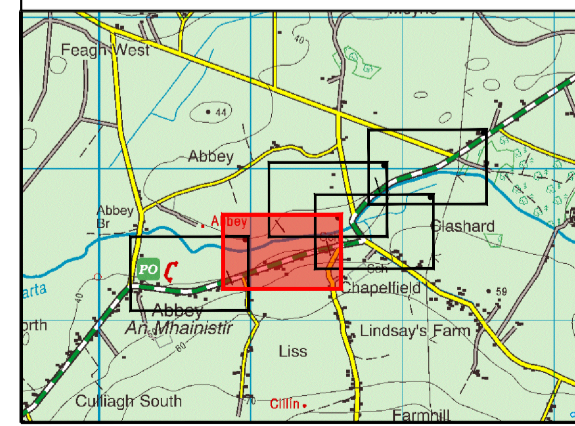
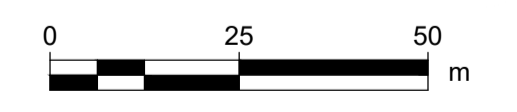
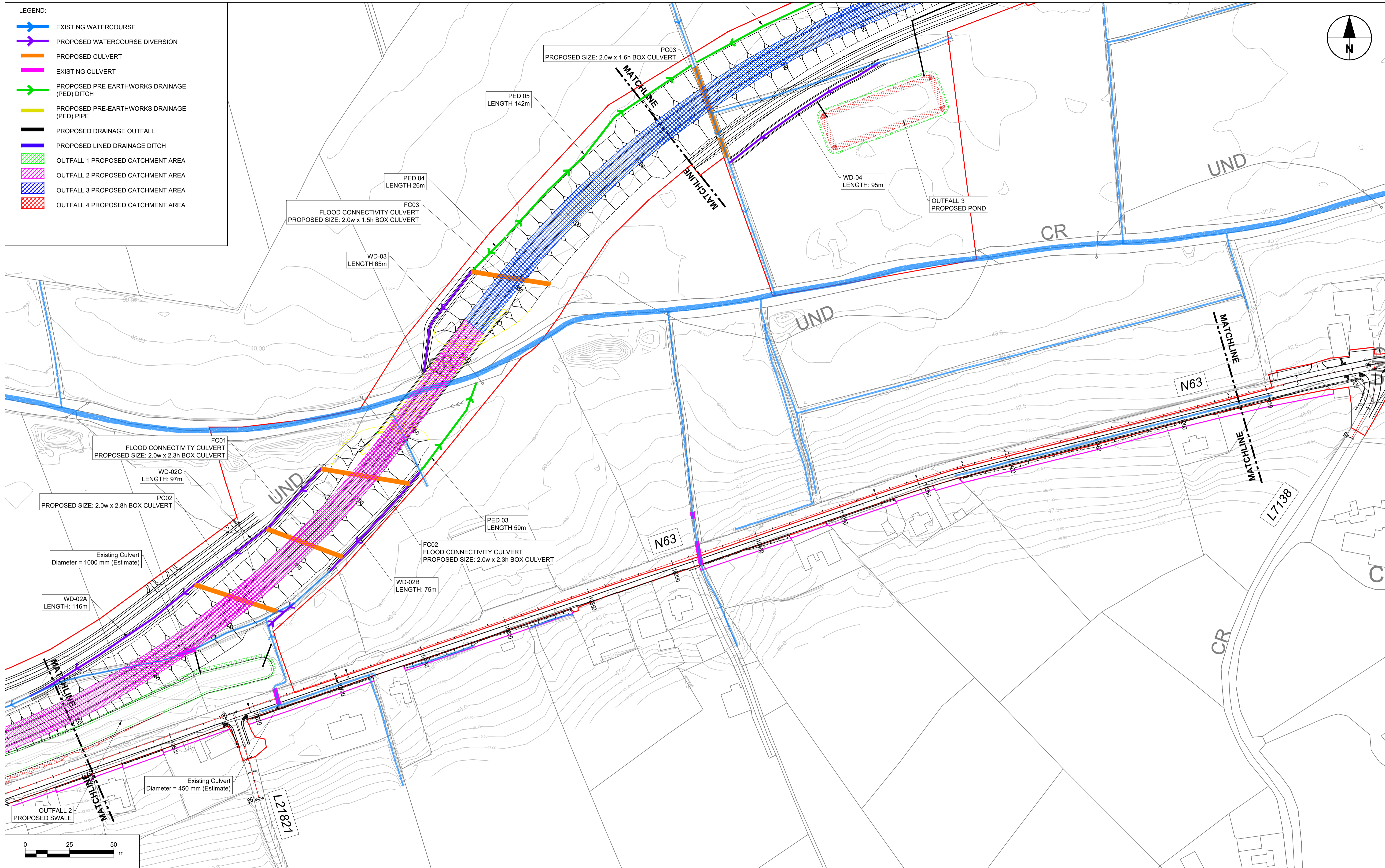
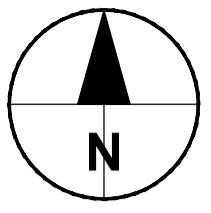
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Drawn: AC, Designed: LB, Checked: PC, Approved: EG
S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME					
Drawing Title		FIGURE A4.21 - DRAINAGE - SHEET 1 OF 5					
Project	Originator	Phase	Series	Type	Dept	Number	
N63	ACM	PH03	0500	DR	DR	0501	
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022	Job No: 60597858		Rev: 0		

- LEGEND:**
-  EXISTING WATERCOURSE
 -  PROPOSED WATERCOURSE DIVERSION
 -  PROPOSED CULVERT
 -  EXISTING CULVERT
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) DITCH
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) PIPE
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 -  PROPOSED LINED DRAINAGE DITCH
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 -  OUTFALL 2 PROPOSED CATCHMENT AREA
 -  OUTFALL 3 PROPOSED CATCHMENT AREA
 -  OUTFALL 4 PROPOSED CATCHMENT AREA



No.	Revision	Date	By	Chk'd	App'd

Roughan & O'Donovan-AECOM Alliance













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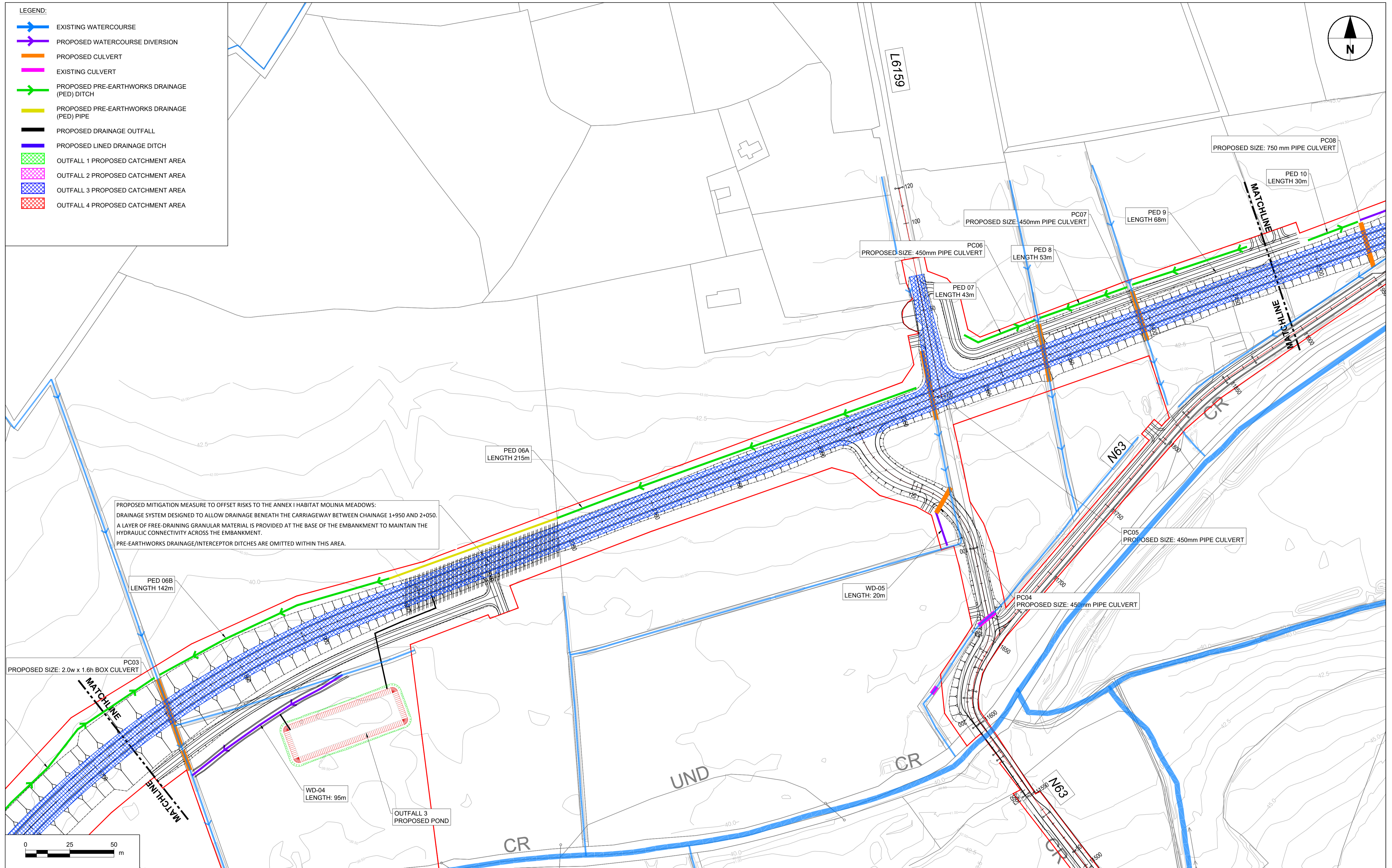
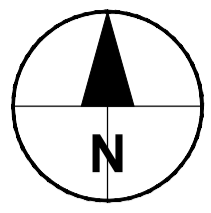
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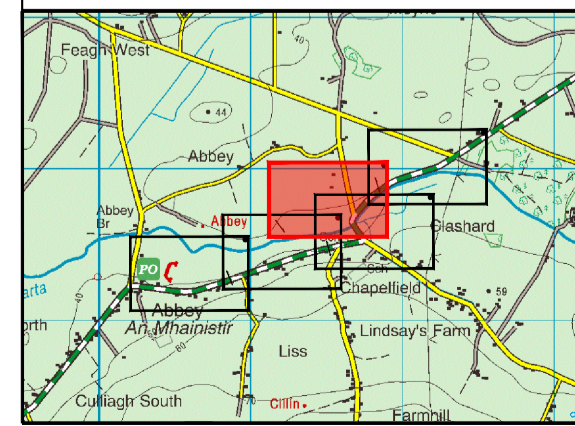
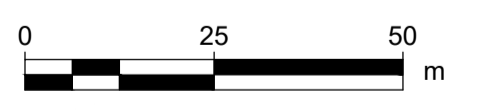
Drawn	Designed	Checked	Approved	Suitability Code - Description
LB	LB	PC	EG	S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME			
Drawing Title		FIGURE A4.22 - DRAINAGE - SHEET 2 OF 5			
Project	Originator	Phase	Series	Type	Dept. Number
N63	ACM	PH03	0500	DR	DR - 0502
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022	Job No: 60597858	Rev: 0	

- LEGEND:**
-  EXISTING WATERCOURSE
 -  PROPOSED WATERCOURSE DIVERSION
 -  PROPOSED CULVERT
 -  EXISTING CULVERT
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) DITCH
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) PIPE
 -  PROPOSED DRAINAGE OUTFALL
 -  PROPOSED LINED DRAINAGE DITCH
 -  OUTFALL 1 PROPOSED CATCHMENT AREA
 -  OUTFALL 2 PROPOSED CATCHMENT AREA
 -  OUTFALL 3 PROPOSED CATCHMENT AREA
 -  OUTFALL 4 PROPOSED CATCHMENT AREA



PROPOSED MITIGATION MEASURE TO OFFSET RISKS TO THE ANNEX 1 HABITAT MOLINIA MEADOWS:
 DRAINAGE SYSTEM DESIGNED TO ALLOW DRAINAGE BENEATH THE CARRIAGEWAY BETWEEN CHAINAGE 1+950 AND 2+050.
 A LAYER OF FREE-DRAINING GRANULAR MATERIAL IS PROVIDED AT THE BASE OF THE EMBANKMENT TO MAINTAIN THE
 HYDRAULIC CONNECTIVITY ACROSS THE EMBANKMENT.
 PRE-EARTHWORKS DRAINAGE/INTERCEPTOR DITCHES ARE OMITTED WITHIN THIS AREA.



No.	Revision	Date	By	Chk'd	App'd

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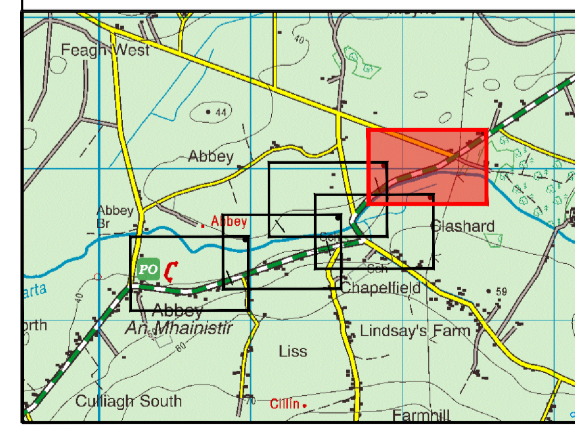
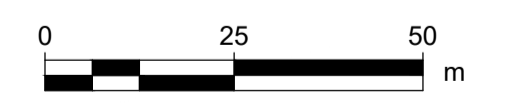
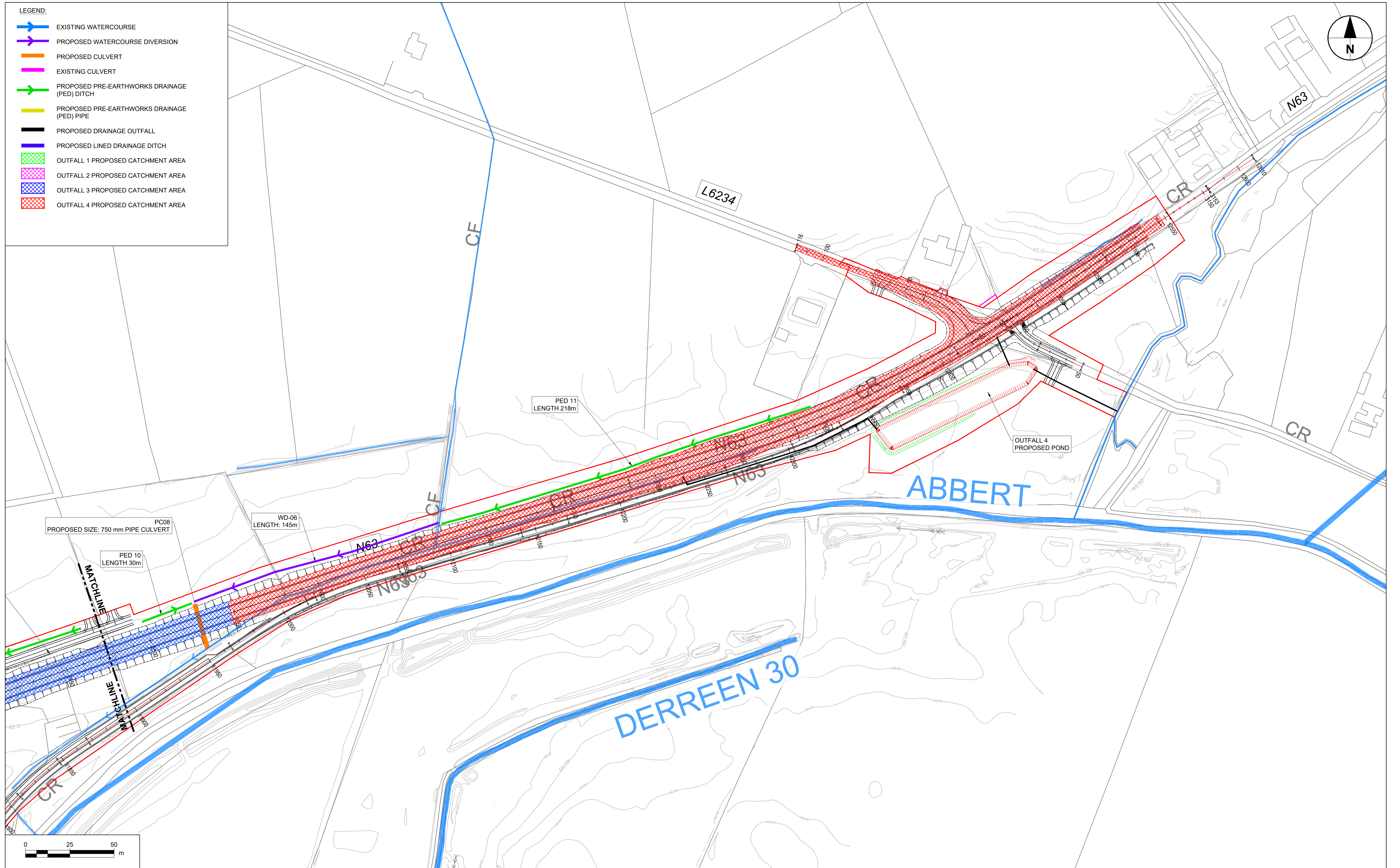
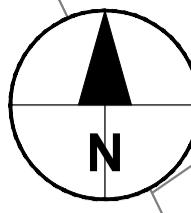
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Drawn: AC, Designed: LB, Checked: PC, Approved: EG, Suitability Code - Description: S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME					
Drawing Title		FIGURE A4.23 - DRAINAGE - SHEET 3 OF 5					
Project	Originator	Phase	Series	Type	Dept.	Number	
N63	ACM	PH03	0500	DR	DR	0503	
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022	Job No: 60597858		Rev: 0		

- LEGEND:**
-  EXISTING WATERCOURSE
 -  PROPOSED WATERCOURSE DIVERSION
 -  PROPOSED CULVERT
 -  EXISTING CULVERT
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) DITCH
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) PIPE
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 -  OUTFALL 1 PROPOSED CATCHMENT AREA
 -  OUTFALL 2 PROPOSED CATCHMENT AREA
 -  OUTFALL 3 PROPOSED CATCHMENT AREA
 -  OUTFALL 4 PROPOSED CATCHMENT AREA



No.	Revision	Date	By	Chk'd	App'd

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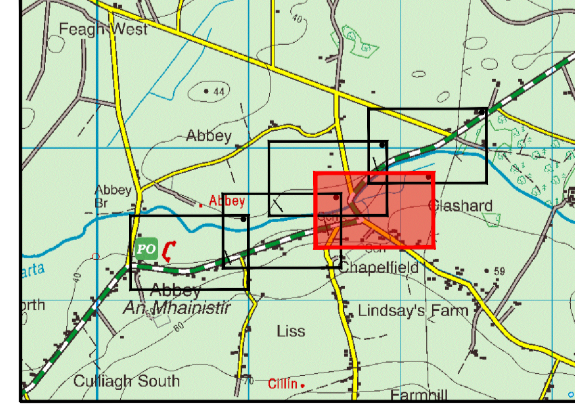
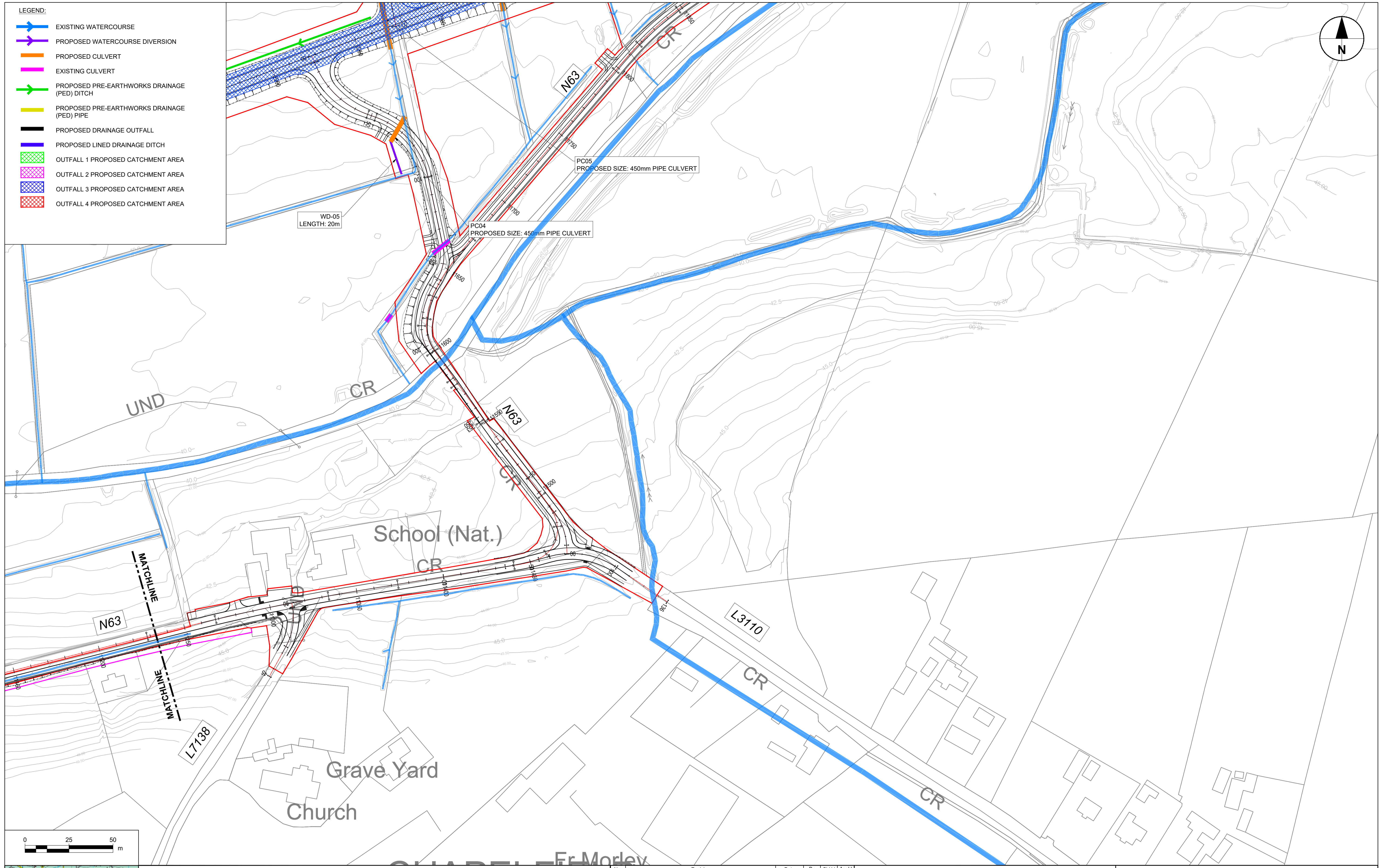
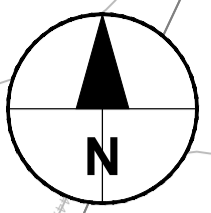
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Drawn	Designed	Checked	Approved	Suitability Code - Description
AC	LB	PC	EG	S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME			
Drawing Title		FIGURE A4.24 - DRAINAGE - SHEET 4 OF 5			
Project	Originator	Phase	Series	Type	Dept. Number
N63	- ACM	- PH03	- 0500	- DR	- DR - 0504
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022	Job No: 60597858	Rev: 0	

- LEGEND:**
-  EXISTING WATERCOURSE
 -  PROPOSED WATERCOURSE DIVERSION
 -  PROPOSED CULVERT
 -  EXISTING CULVERT
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) DITCH
 -  PROPOSED PRE-EARTHWORKS DRAINAGE (PED) PIPE
 -  PROPOSED DRAINAGE OUTFALL
 -  PROPOSED LINED DRAINAGE DITCH
 -  OUTFALL 1 PROPOSED CATCHMENT AREA
 -  OUTFALL 2 PROPOSED CATCHMENT AREA
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 -  OUTFALL 4 PROPOSED CATCHMENT AREA



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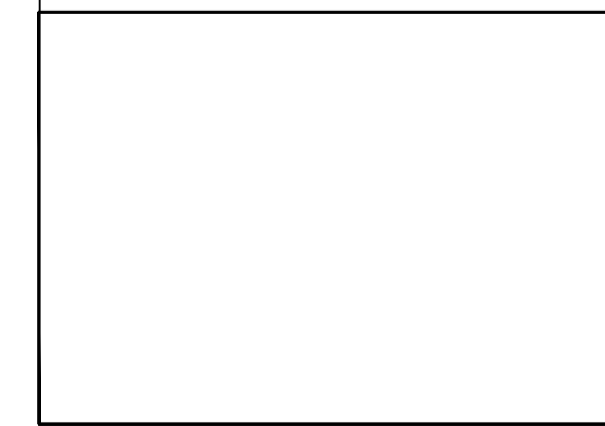
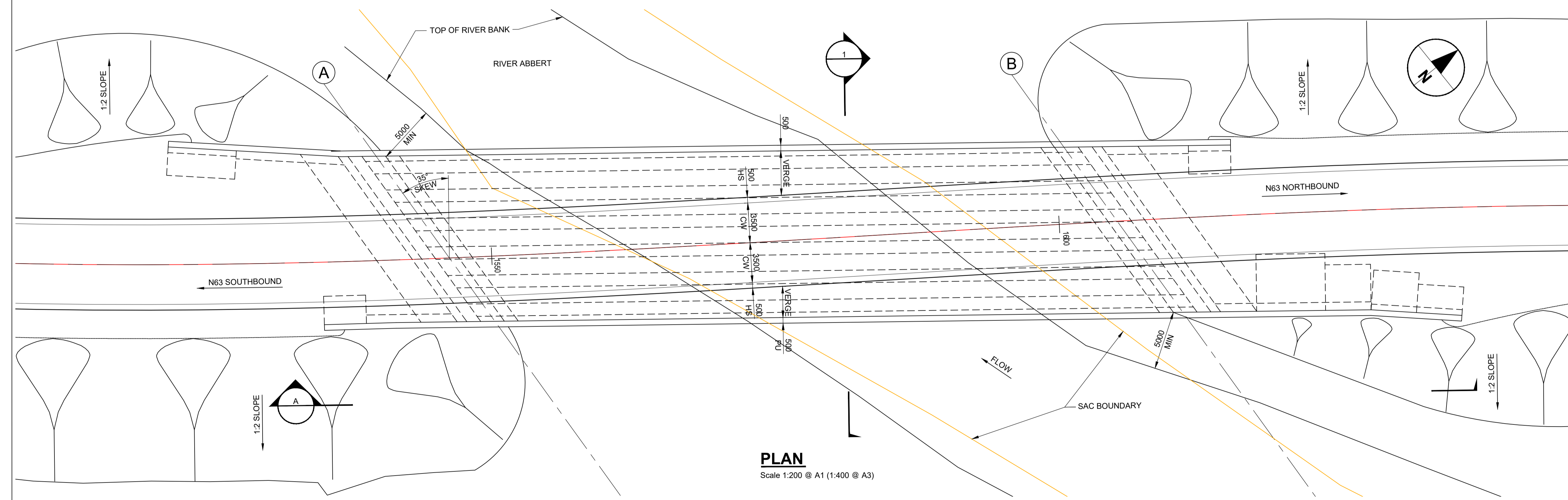
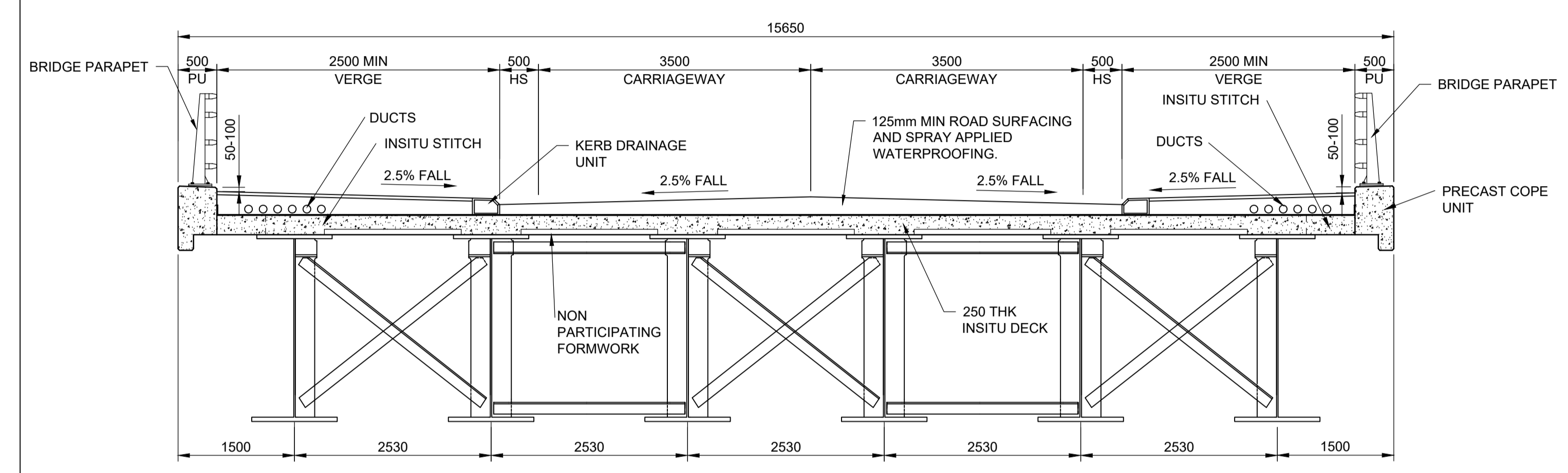
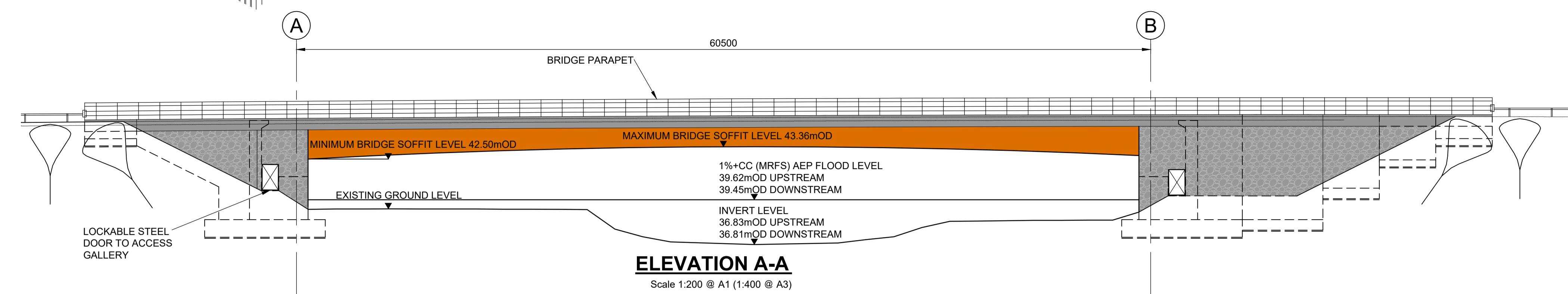
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Drawn	Designed	Checked	Approved	Suitability Code - Description
AC	LB	PC	EG	S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME			
Drawing Title		FIGURE A4.25 - DRAINAGE - SHEET 5 OF 5			
Project	Originator	Phase	Series	Type	Dept. Number
N63	ACM	PH03	0500	DR	DR - 0505
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022	Job No: 60597858	Rev: 0	

- NOTES:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SERIES.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
 3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.



No.	Revision	Date	By	Chkd	App'd

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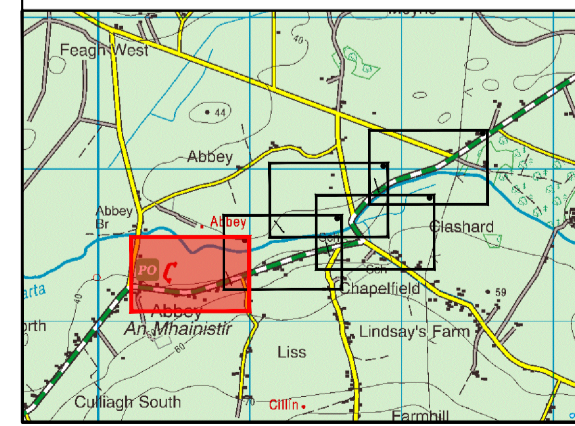
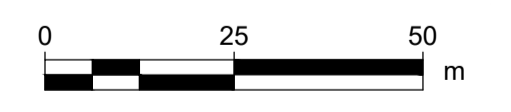
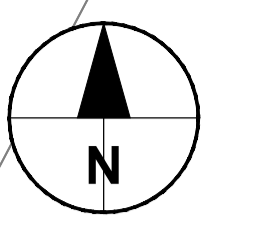
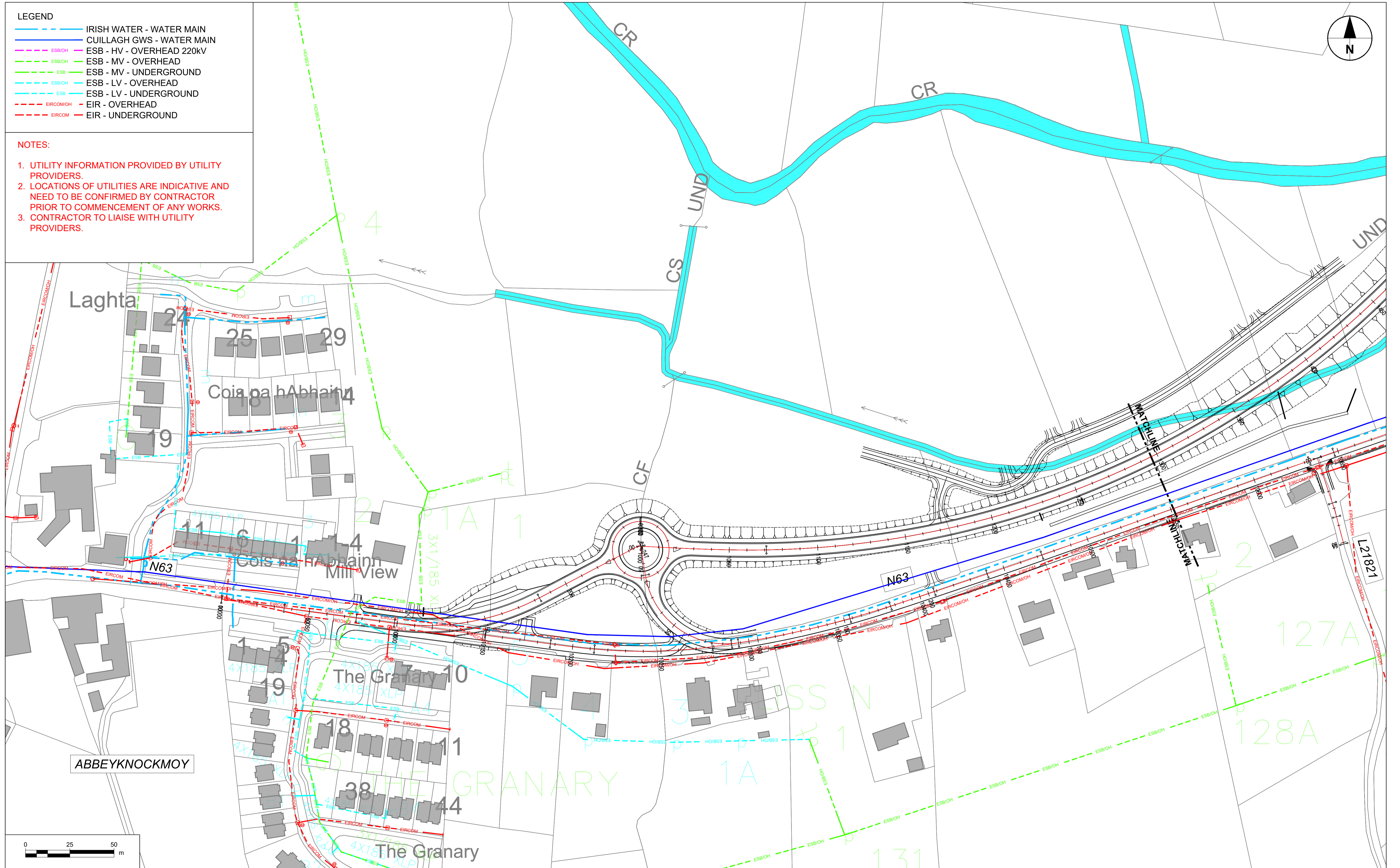
Drawn: DSH
Designed: AC
Checked: AC
Approved: NR
Suitability Code - Description: S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME	
Drawing Title		FIGURE A4.26 - RIVER ABBERT BRIDGE GENERAL ARRANGEMENT	
Project	Originator	Phase	Series
N63	ACM	PH03	1700
Type	Dept.	Number	
DR	SE	1700	
Scale:	AS SHOWN	Date:	FEB 2022
Job No:	60597858	Rev:	0

LEGEND

	IRISH WATER - WATER MAIN
	CUILLAGH GWS - WATER MAIN
	ESB - HV - OVERHEAD 220kV
	ESB - MV - OVERHEAD
	ESB - MV - UNDERGROUND
	ESB - LV - OVERHEAD
	ESB - LV - UNDERGROUND
	EIRCOM HV - OVERHEAD
	EIRCOM HV - UNDERGROUND

- NOTES:**
1. UTILITY INFORMATION PROVIDED BY UTILITY PROVIDERS.
 2. LOCATIONS OF UTILITIES ARE INDICATIVE AND NEED TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS.
 3. CONTRACTOR TO LIAISE WITH UTILITY PROVIDERS.



No.	Revision	Date	By	Chk'd	App'd

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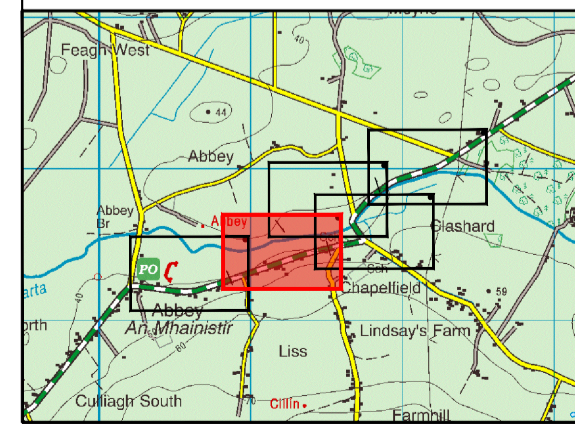
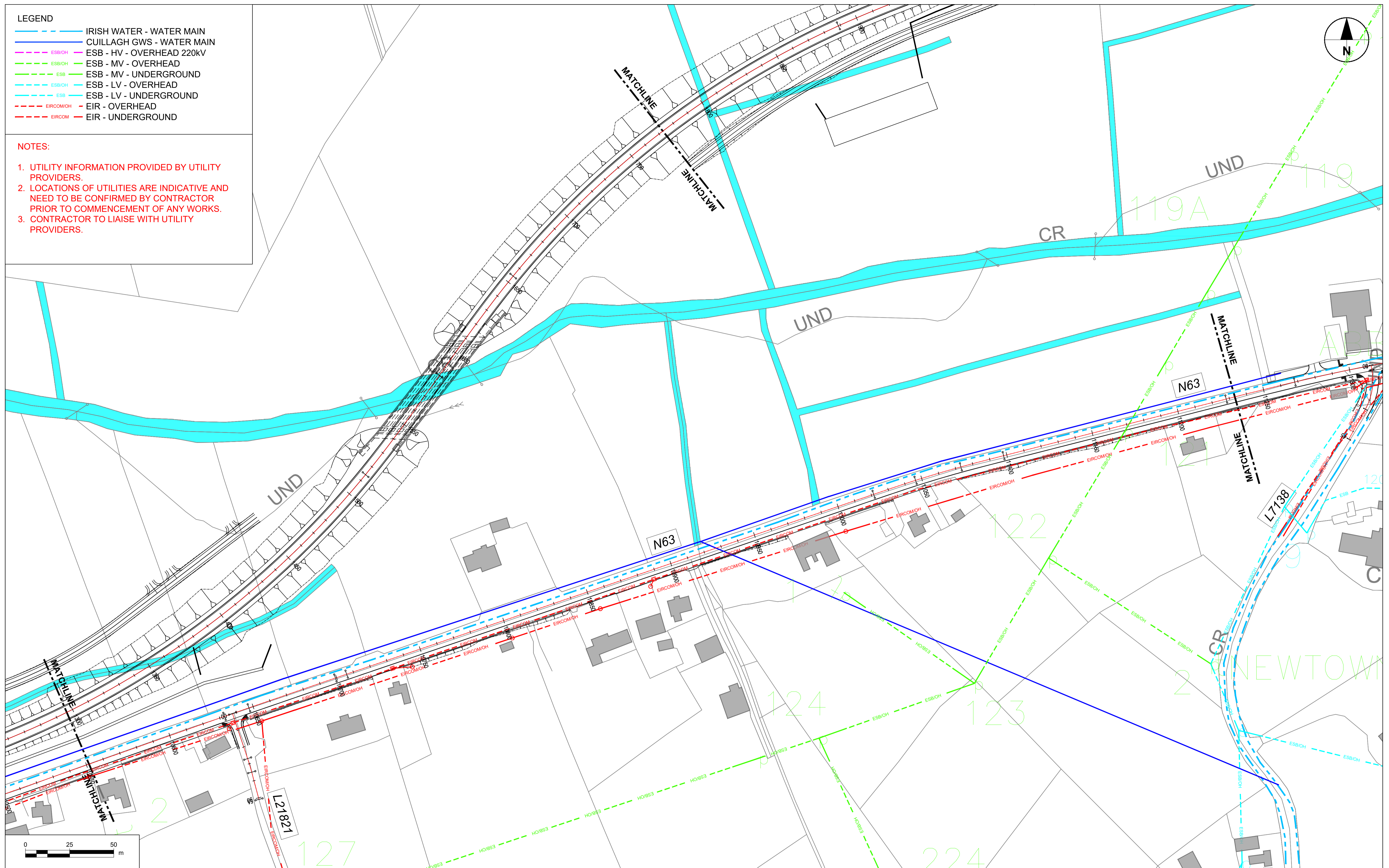
Drawn: AC, Designed: LB, Checked: PC, Approved: EG
S2 - Information/Planning

Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME					
Drawing Title		FIGURE A4.28 - UTILITIES - SHEET 1 OF 5					
Project	Originator	Phase	Series	Type	Dept.	Number	
N63	ACM	PH03	2700	DR	UT	2701	
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022	Job No: 60597858		Rev: 0		

LEGEND

	IRISH WATER - WATER MAIN
	CUILLAGH GWS - WATER MAIN
	ESB/IOH - ESB - HV - OVERHEAD 220kV
	ESB/IOH - ESB - MV - OVERHEAD
	ESB - ESB - MV - UNDERGROUND
	ESB/IOH - ESB - LV - OVERHEAD
	ESB - ESB - LV - UNDERGROUND
	EIRCOM/IOH - EIR - OVERHEAD
	EIRCOM - EIR - UNDERGROUND

- NOTES:**
1. UTILITY INFORMATION PROVIDED BY UTILITY PROVIDERS.
 2. LOCATIONS OF UTILITIES ARE INDICATIVE AND NEED TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS.
 3. CONTRACTOR TO LIAISE WITH UTILITY PROVIDERS.



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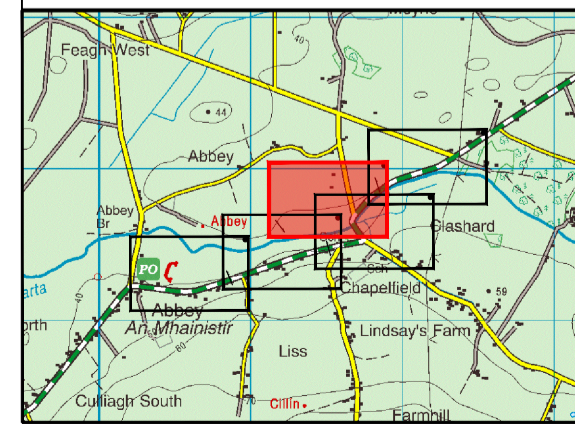
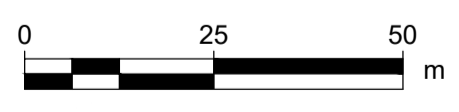
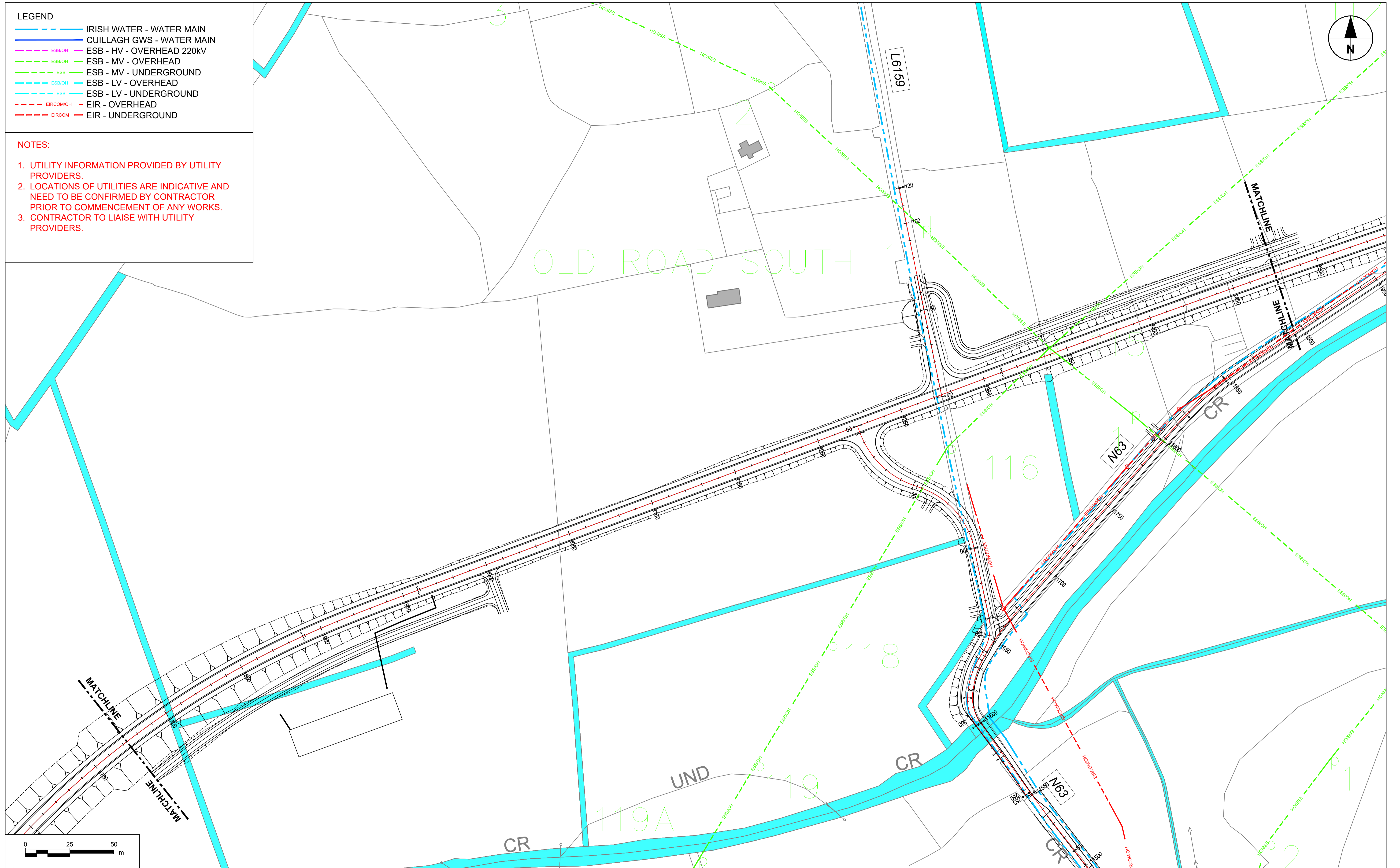
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LB	LB	PC	EG	S2 - Information/Planning

Project Title N63 LISS TO ABBEY REALIGNMENT SCHEME						
Drawing Title FIGURE A4.29 - UTILITIES - SHEET 2 OF 5						
Project	Originator	Phase	Series	Type	Dept.	Number
N63	ACM	PH03	2700	DR	UT	2702
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022		Job No: 60597858		Rev: 0

LEGEND

	IRISH WATER - WATER MAIN
	CUILLAGH GWS - WATER MAIN
	ESB - HV - OVERHEAD 220kV
	ESB - MV - OVERHEAD
	ESB - MV - UNDERGROUND
	ESB - LV - OVERHEAD
	ESB - LV - UNDERGROUND
	EIRCOM OH - EIR - OVERHEAD
	EIRCOM - EIR - UNDERGROUND

- NOTES:**
1. UTILITY INFORMATION PROVIDED BY UTILITY PROVIDERS.
 2. LOCATIONS OF UTILITIES ARE INDICATIVE AND NEED TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS.
 3. CONTRACTOR TO LIAISE WITH UTILITY PROVIDERS.



No.	Revision	Date	By	Chk'd	App'd

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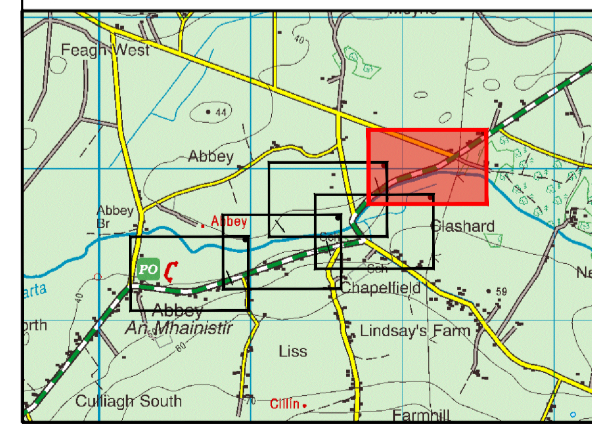
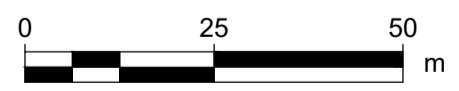
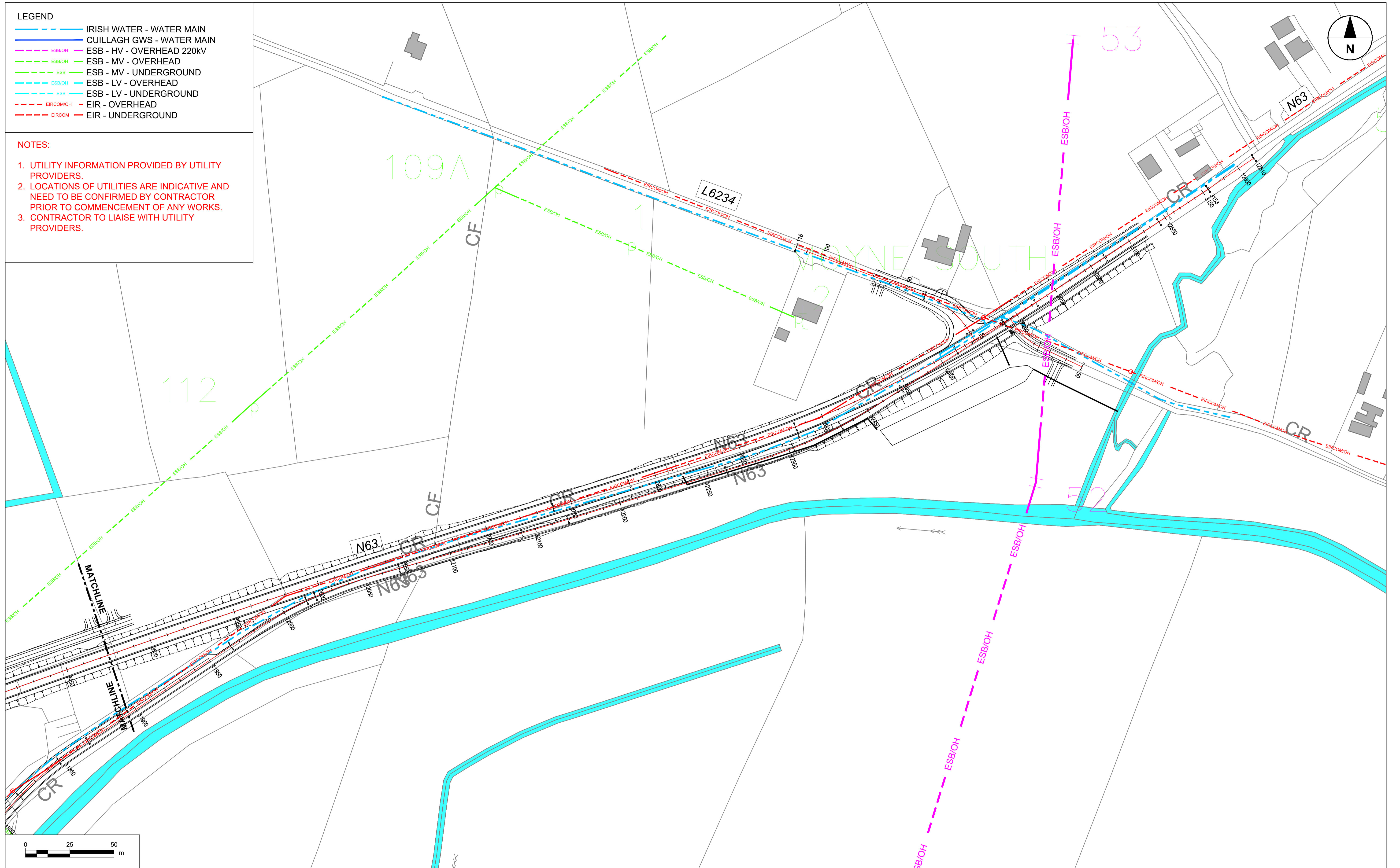
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AC	LB	PC	EG

Suitability Code - Description
S2 - Information/Planning

Project Title							N63 LISS TO ABBEY REALIGNMENT SCHEME						
Drawing Title							FIGURE A4.30 - UTILITIES - SHEET 3 OF 5						
Project	Originator	Phase	Series	Type	Dept.	Number	Project	Originator	Phase	Series	Type	Dept.	Number
N63	ACM	PH03	2700	DR	UT	2703	N63	ACM	PH03	2700	DR	UT	2703
Scale: 1:1000 @A1 / 1:2000 @A3							Date: FEB 2022 Job No: 60597858 Rev: 0						

- LEGEND**
- IRISH WATER - WATER MAIN
 - CUILLAGH GWS - WATER MAIN
 - ESB/OH - ESB - HV - OVERHEAD 220kV
 - ESB/OH - ESB - MV - OVERHEAD
 - ESB - ESB - MV - UNDERGROUND
 - ESB/OH - ESB - LV - OVERHEAD
 - ESB - ESB - LV - UNDERGROUND
 - EIR/COMOH - EIR - OVERHEAD
 - EIR/COM - EIR - UNDERGROUND

- NOTES:**
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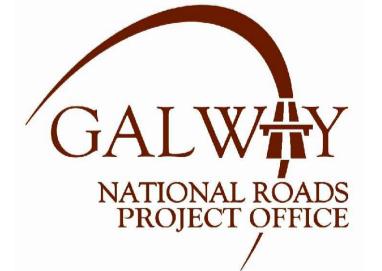
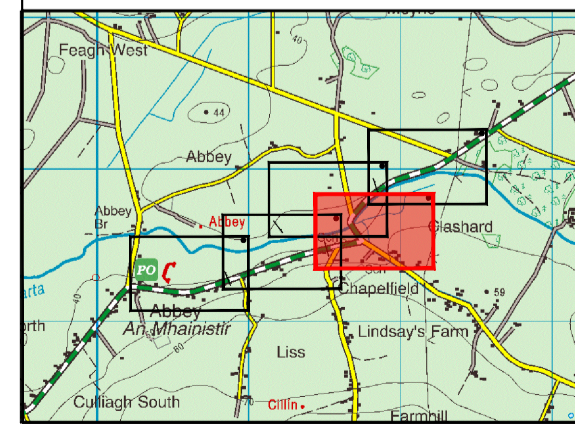
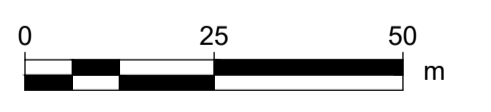
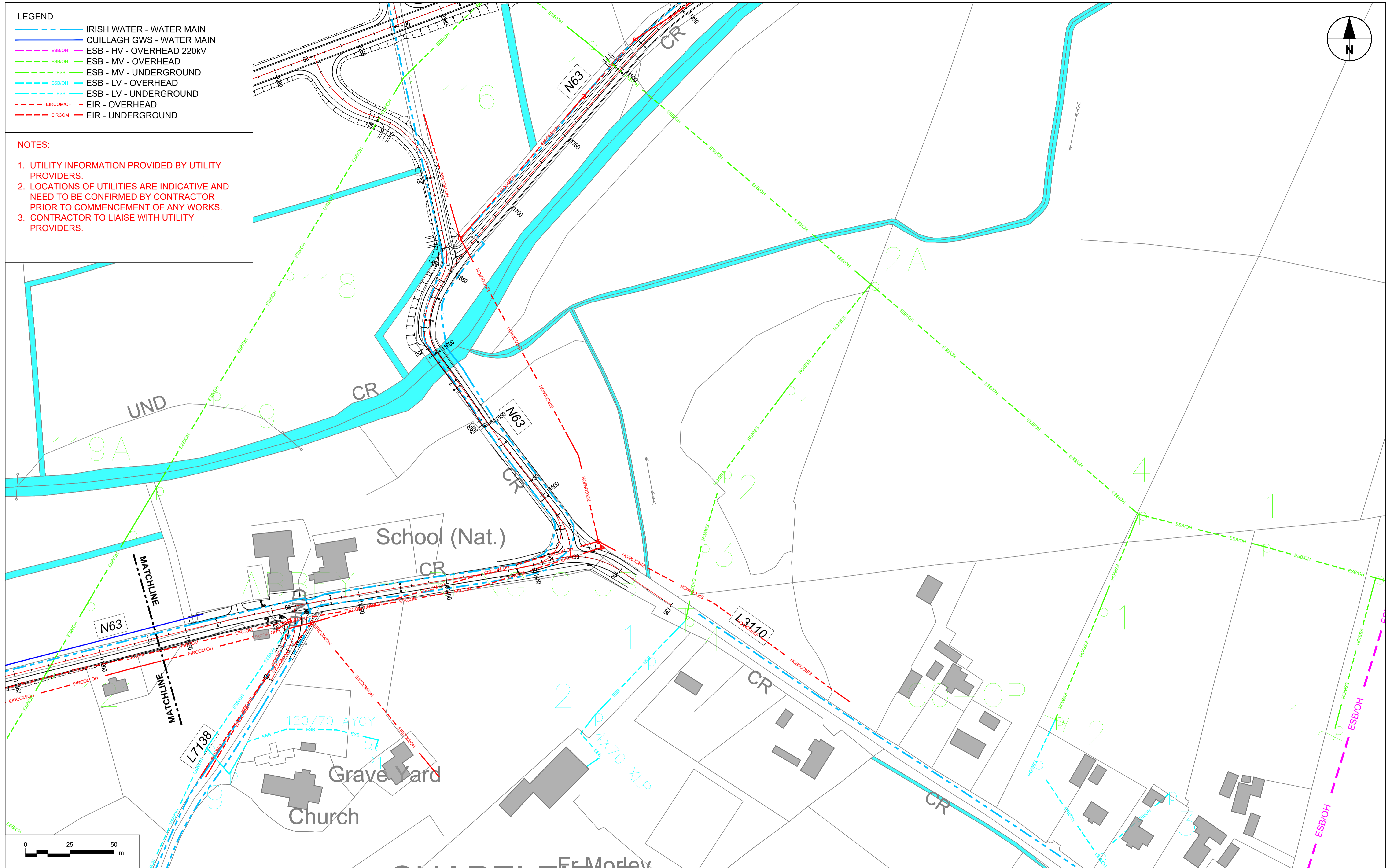
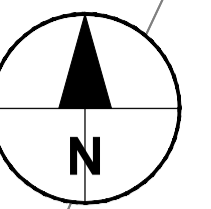
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AC	LB	PC	EG	S2 - Information/Planning

Project Title: N63 LISS TO ABBEY REALIGNMENT SCHEME						
Drawing Title: FIGURE A4.31 - UTILITIES - SHEET 4 OF 5						
Project	Originator	Phase	Series	Type	Dept.	Number
N63	ACM	PH03	2700	DR	UT	2704
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022		Job No: 60597858		Rev: 0

LEGEND

	IRISH WATER - WATER MAIN
	CUILLAGH GWS - WATER MAIN
	ESB - HV - OVERHEAD 220kV
	ESB - MV - OVERHEAD
	ESB - MV - UNDERGROUND
	ESB - LV - OVERHEAD
	ESB - LV - UNDERGROUND
	EIRCOM/IOH - EIR - OVERHEAD
	EIRCOM/IOH - EIR - UNDERGROUND

- NOTES:**
1. UTILITY INFORMATION PROVIDED BY UTILITY PROVIDERS.
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 3. CONTRACTOR TO LIAISE WITH UTILITY PROVIDERS.



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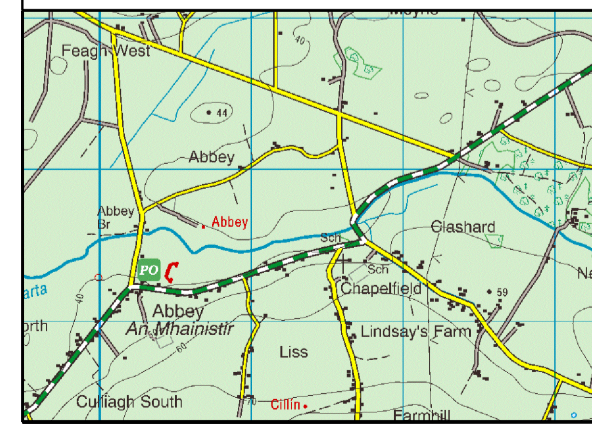
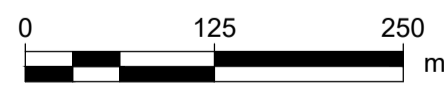
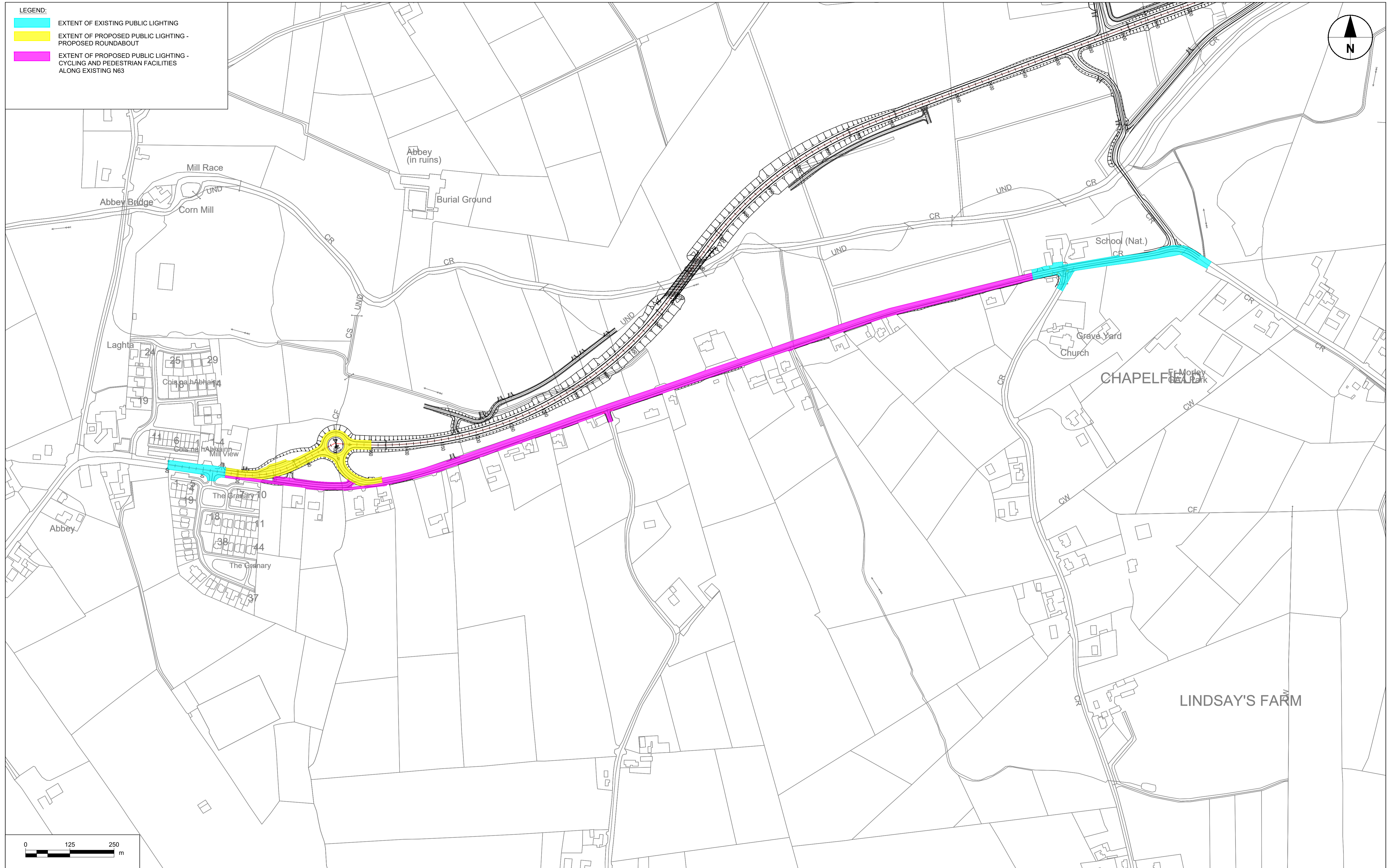
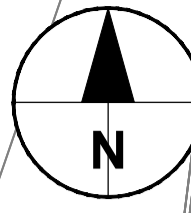
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Project Title: N63 LISS TO ABBEY REALIGNMENT SCHEME						
Drawing Title: FIGURE A4.32 - UTILITIES - SHEET 5 OF 5						
Project	Originator	Phase	Series	Type	Dept.	Number
N63	ACM	PH03	2700	DR	UT	2705
Scale: 1:1000 @A1 / 1:2000 @A3		Date: FEB 2022		Job No: 60597858		Rev: 0

- LEGEND:**
- EXTENT OF EXISTING PUBLIC LIGHTING
 - EXTENT OF PROPOSED PUBLIC LIGHTING - PROPOSED ROUNDABOUT
 - EXTENT OF PROPOSED PUBLIC LIGHTING - CYCLING AND PEDESTRIAN FACILITIES ALONG EXISTING N63



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Project Title		N63 LISS TO ABBEY REALIGNMENT SCHEME			
Drawing Title		FIGURE A4.33 - PUBLIC LIGHTING			
Project	Originator	Phase	Series	Type	Dept. Number
N63	ACM	PH03	1300	DR - PL	1300
Scale: 1:2500 @A1 / 1:5000 @A3		Date: FEB 2022	Job No: 60597858	Rev: 0	