

Legend

- Temporary construction works area
- Permanent Works Area
- Proposed Road Surface
- Proposed Road Embankments
- Proposed Channel Banks
- Proposed Access Track
- Proposed Channel Base
- RFCS Base
- Scour Protection RFCS
- Silt Management Area
- River Deel

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PROJECT
River Deel (Crossmolina) Drainage Scheme

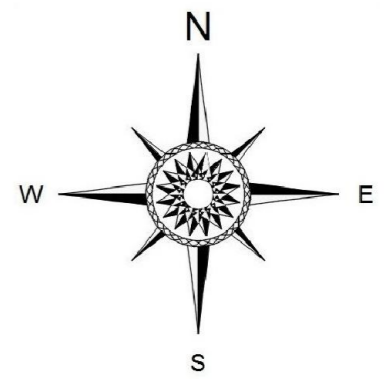
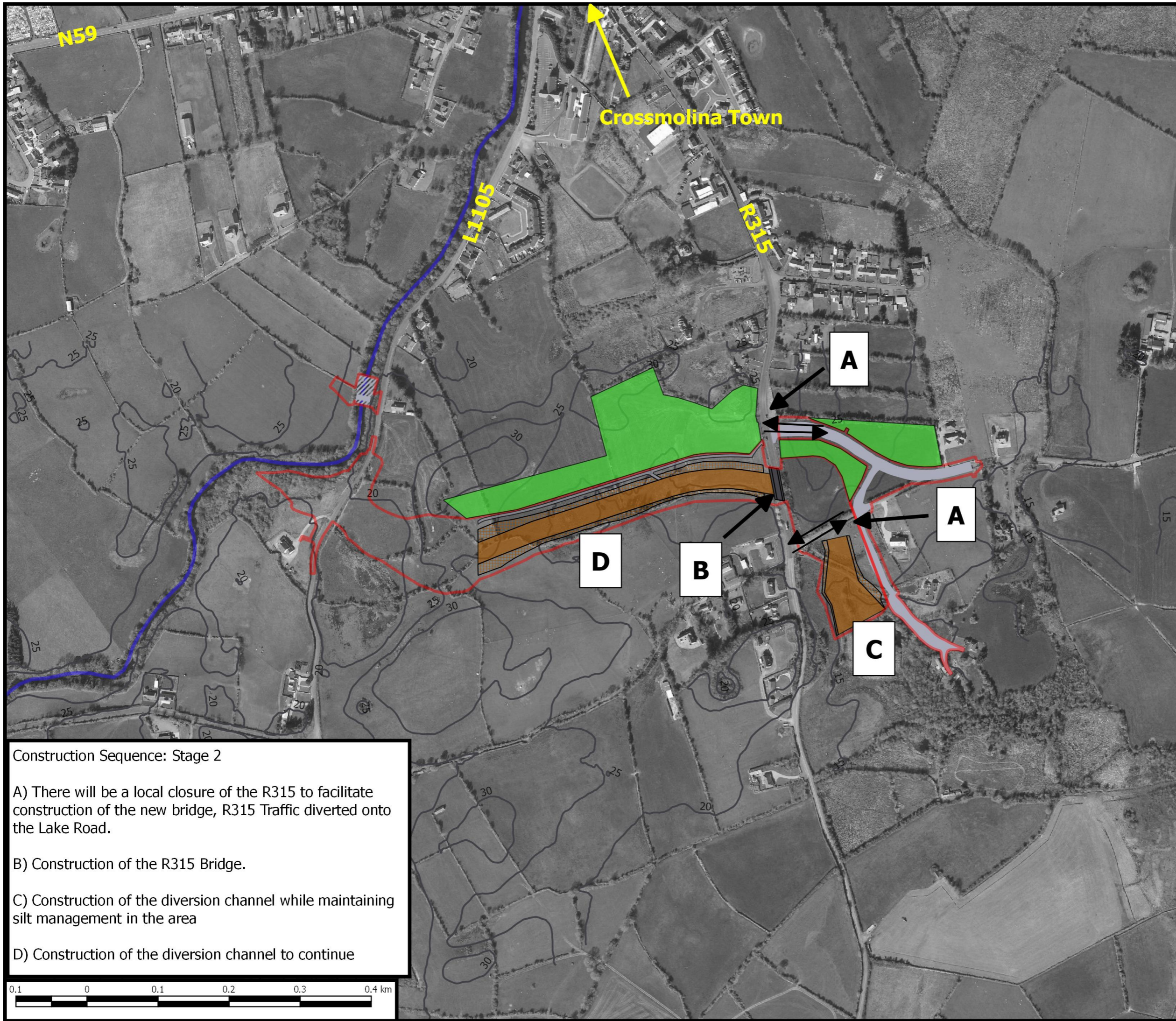
TITLE
Construction Sequence: Stage 1

SCALE @ A3 1:5,000	DATE 25 JUN 2020
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DRAWING No. Stage 1	REV.
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- Construction Sequence: Stage 1
- A) The construction phase will commence with setting up a silt management area
- B) Site clearance and setting up a temporary construction compound.
- C) Lake Road and access road realignment to be constructed in parallel with excavation works in a section of the diversion channel upstream of the R315. Excavated material to be used as fill for the road realignment works where required.
- D) Construction of the diversion channel upstream of the R315.
- E) The river flow control structure (RFCS) ground works to be carried out at earliest opportunity when the river is dry or at low flow conditions. Works include site clearance, setting up a temporary site compound and construction of the RFCS base and scour protection. On completion of works, river gravels will be reinstated.



- Legend**
- Temporary construction works area
 - Permanent Works Area
 - Proposed Channel Banks
 - Proposed Channel Base
 - R315 bridge
 - River Deel

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PROJECT
River Deel (Crossmolina) Drainage Scheme

TITLE
Construction Sequence: Stage 2

SCALE @ A3 1:5,000		DATE 25 JUN 2020
DRAWN RS	CHECKED KC	APPROVED JR
DRAWING No. Stage 2		REV. A

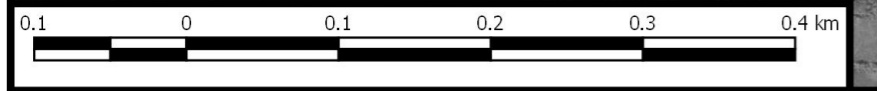
Construction Sequence: Stage 2

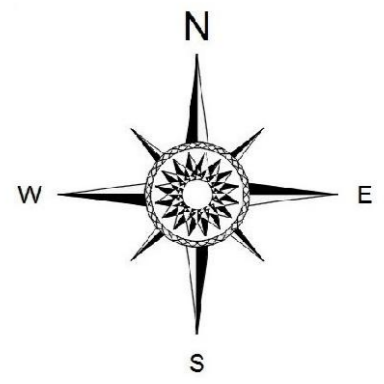
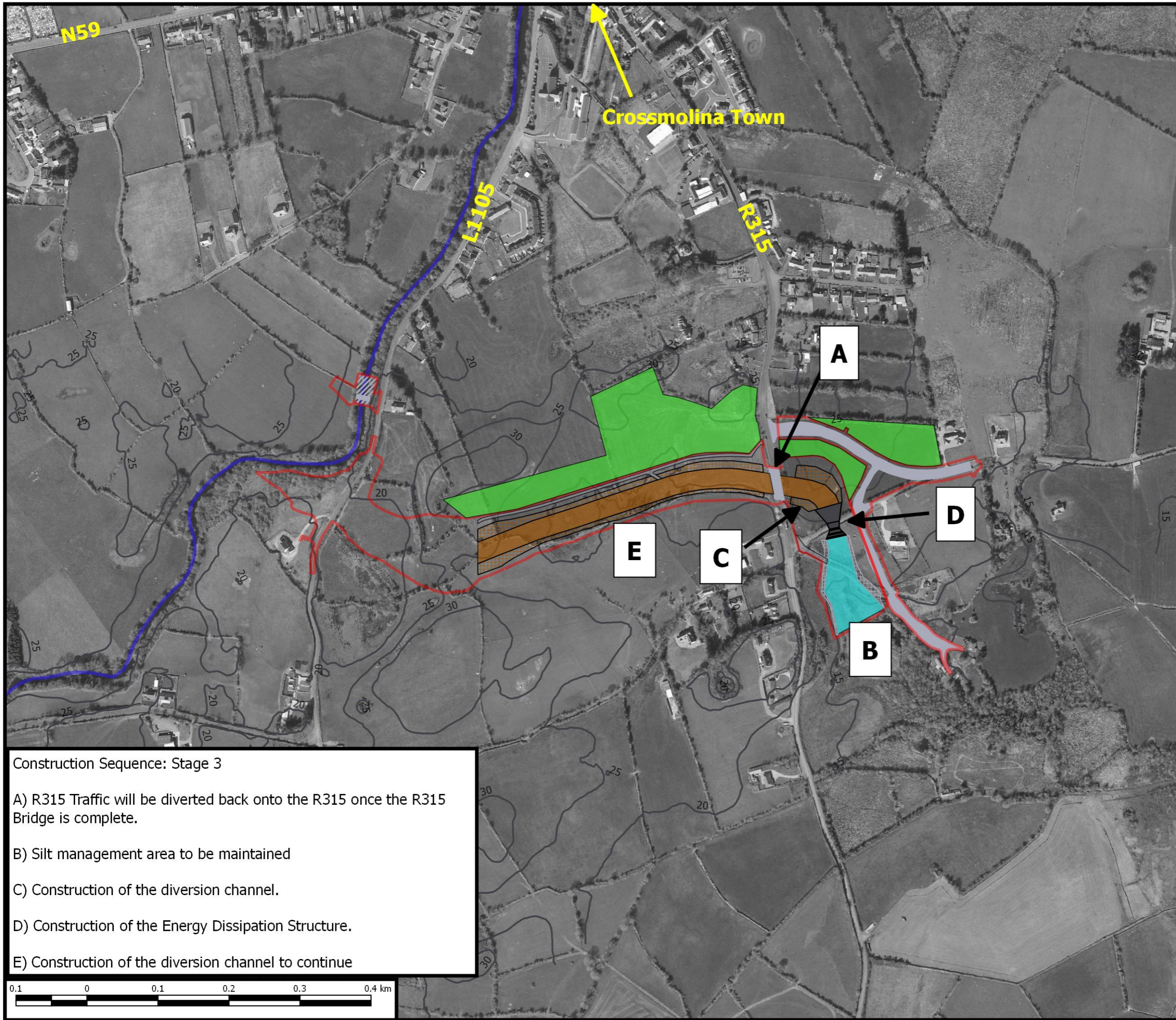
A) There will be a local closure of the R315 to facilitate construction of the new bridge, R315 Traffic diverted onto the Lake Road.

B) Construction of the R315 Bridge.

C) Construction of the diversion channel while maintaining silt management in the area

D) Construction of the diversion channel to continue





Legend

- Temporary construction works area
- Permanent Works Area
- Proposed Channel Banks
- Proposed Channel Base
- Energy Dissipation Structure (EDS)
- Access Track
- Silt Management Area
- River Deel

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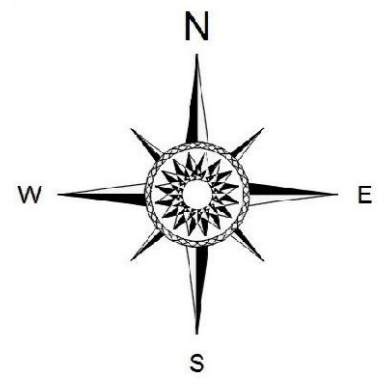
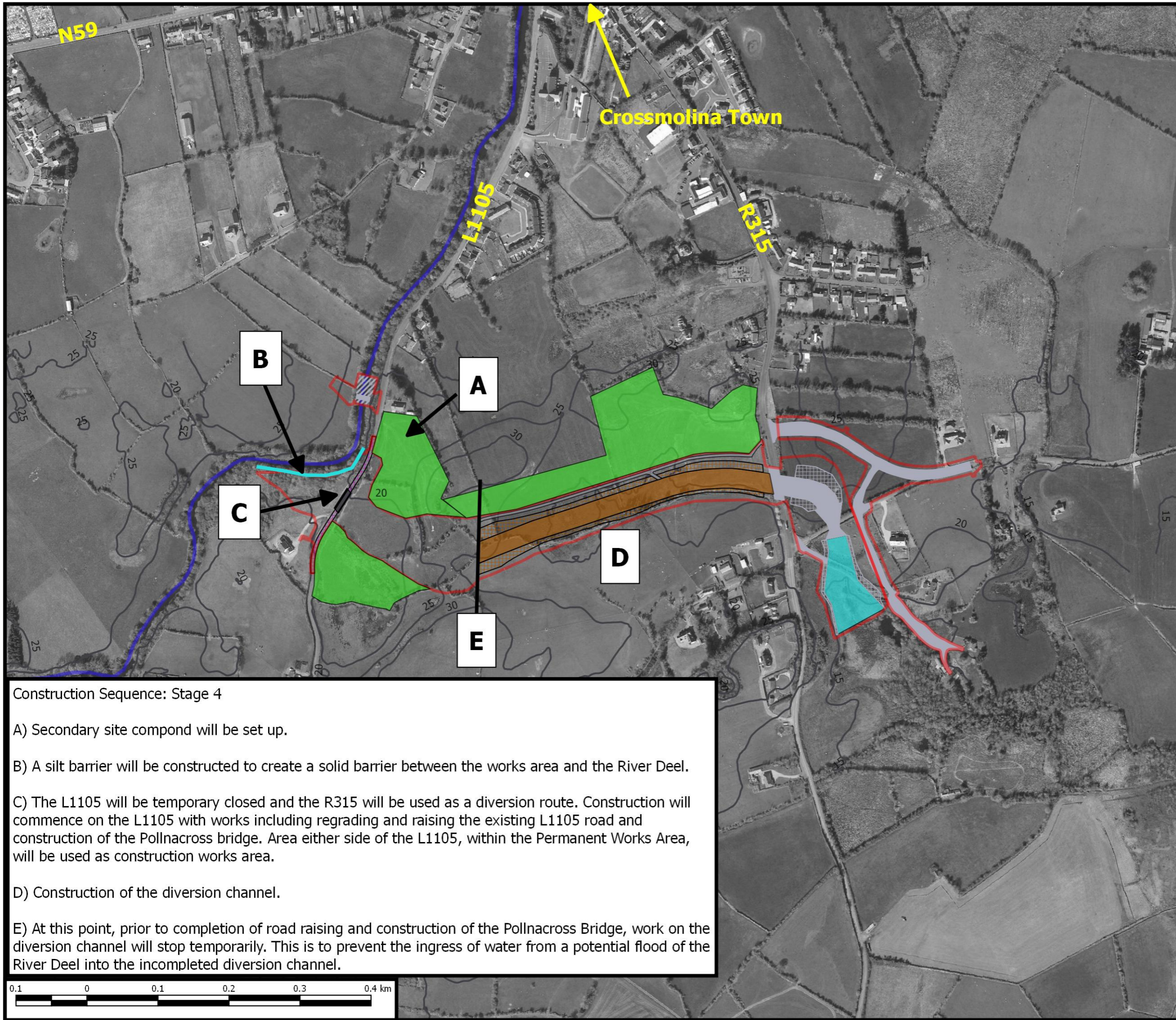
PROJECT
River Deel (Crossmolina) Drainage Scheme

TITLE
Construction Sequence: Stage 3

SCALE @A3 1:5,000		DATE 25 JUN 2020
DRAWN RS	CHECKED KC	APPROVED JR
DRAWING No. Stage 3		REV. A

- Construction Sequence: Stage 3
- A) R315 Traffic will be diverted back onto the R315 once the R315 Bridge is complete.
 - B) Silt management area to be maintained
 - C) Construction of the diversion channel.
 - D) Construction of the Energy Dissipation Structure.
 - E) Construction of the diversion channel to continue





- Legend**
- Temporary construction works area
 - Permanent Works Area
 - Proposed Channel Banks
 - Proposed Channel Base
 - Pollnacross Bridge
 - Raise and Regrading Road
 - River Deel
 - River Deel Silt Fence
 - Silt Management base

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PROJECT
River Deel (Crossmolina) Drainage Scheme

TITLE
Construction Sequence: Stage 4

SCALE @A3 1:5,000		DATE 25 JUN 2020
DRAWN RS	CHECKED KC	APPROVED JR
DRAWING No. Stage 4		REV. A

Construction Sequence: Stage 4

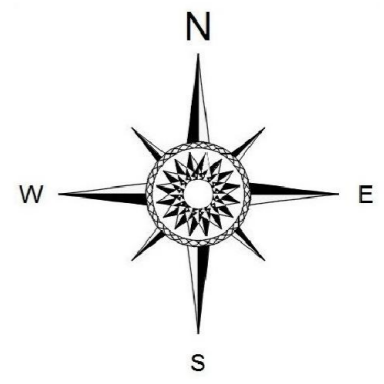
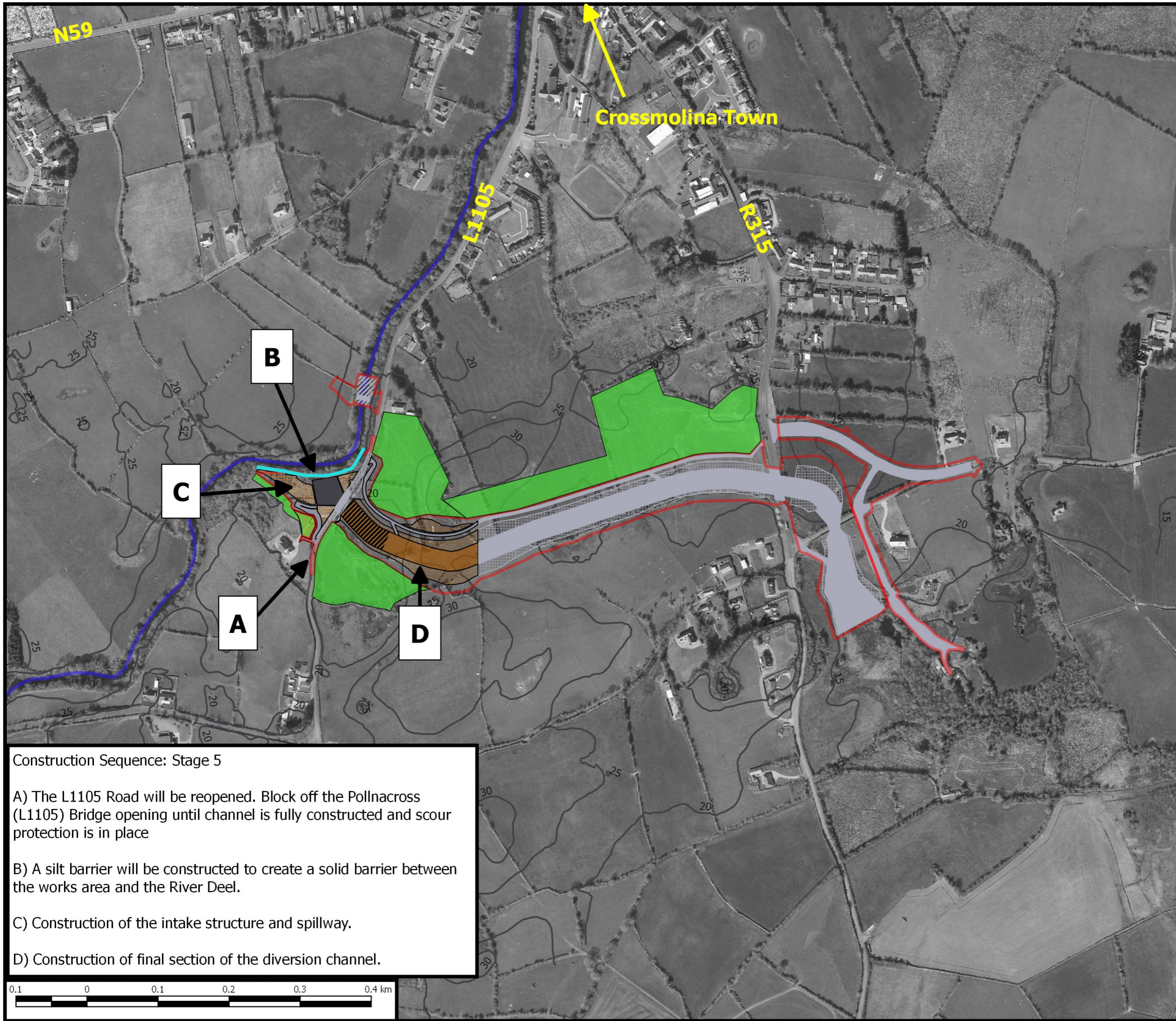
A) Secondary site compond will be set up.

B) A silt barrier will be constructed to create a solid barrier between the works area and the River Deel.

C) The L1105 will be temporary closed and the R315 will be used as a diversion route. Construction will commence on the L1105 with works including regrading and raising the existing L1105 road and construction of the Pollnacross bridge. Area either side of the L1105, within the Permanent Works Area, will be used as construction works area.

D) Construction of the diversion channel.

E) At this point, prior to completion of road raising and construction of the Pollnacross Bridge, work on the diversion channel will stop temporarily. This is to prevent the ingress of water from a potential flood of the River Deel into the incompleted diversion channel.



Legend

- Temporary construction works area
- Permanent Works Area
- Channel Banks
- Channel Base
- Regrading of Land
- Intake Structure
- Scour Protection Channel
- River Deel Silt Fence
- River Deel

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PROJECT

River Deel (Crossmolina) Drainage Scheme

TITLE

Construction Sequence: Stage 5

SCALE @ A3

1:5,000

DATE

25 JUN 2020

DRAWN

RS

CHECKED

KC

APPROVED

JR

DRAWING No.

Stage 5

REV.

A

Construction Sequence: Stage 5

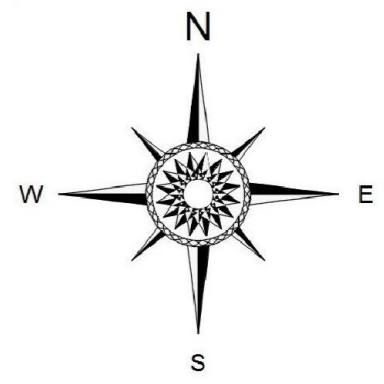
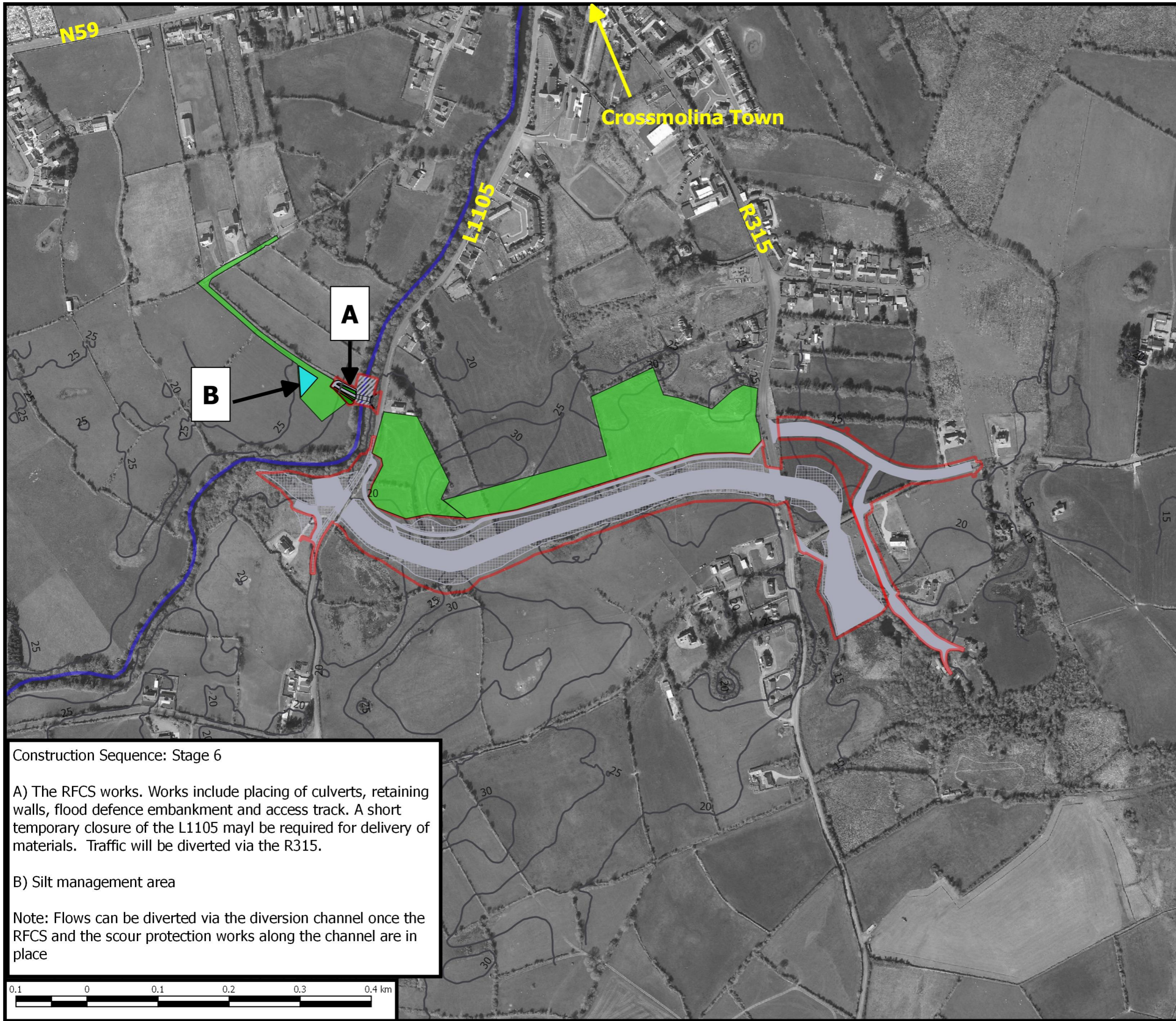
A) The L1105 Road will be reopened. Block off the Pollnacross (L1105) Bridge opening until channel is fully constructed and scour protection is in place

B) A silt barrier will be constructed to create a solid barrier between the works area and the River Deel.

C) Construction of the intake structure and spillway.

D) Construction of final section of the diversion channel.





- Legend**
- Temporary construction works area
 - Permanent Works Area
 - Flood Defense Embakment 1
 - Flood Defense Embakment 2
 - RFCS Access Track
 - River Deel
 - Silt Management Area

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PROJECT
River Deel (Crossmolina) Drainage Scheme

TITLE
Construction Sequence: Stage 6

SCALE @ A3 1:5,000		DATE 25 JUN 2020
DRAWN RS	CHECKED KC	APPROVED JR
DRAWING No. Stage 6		REV. A

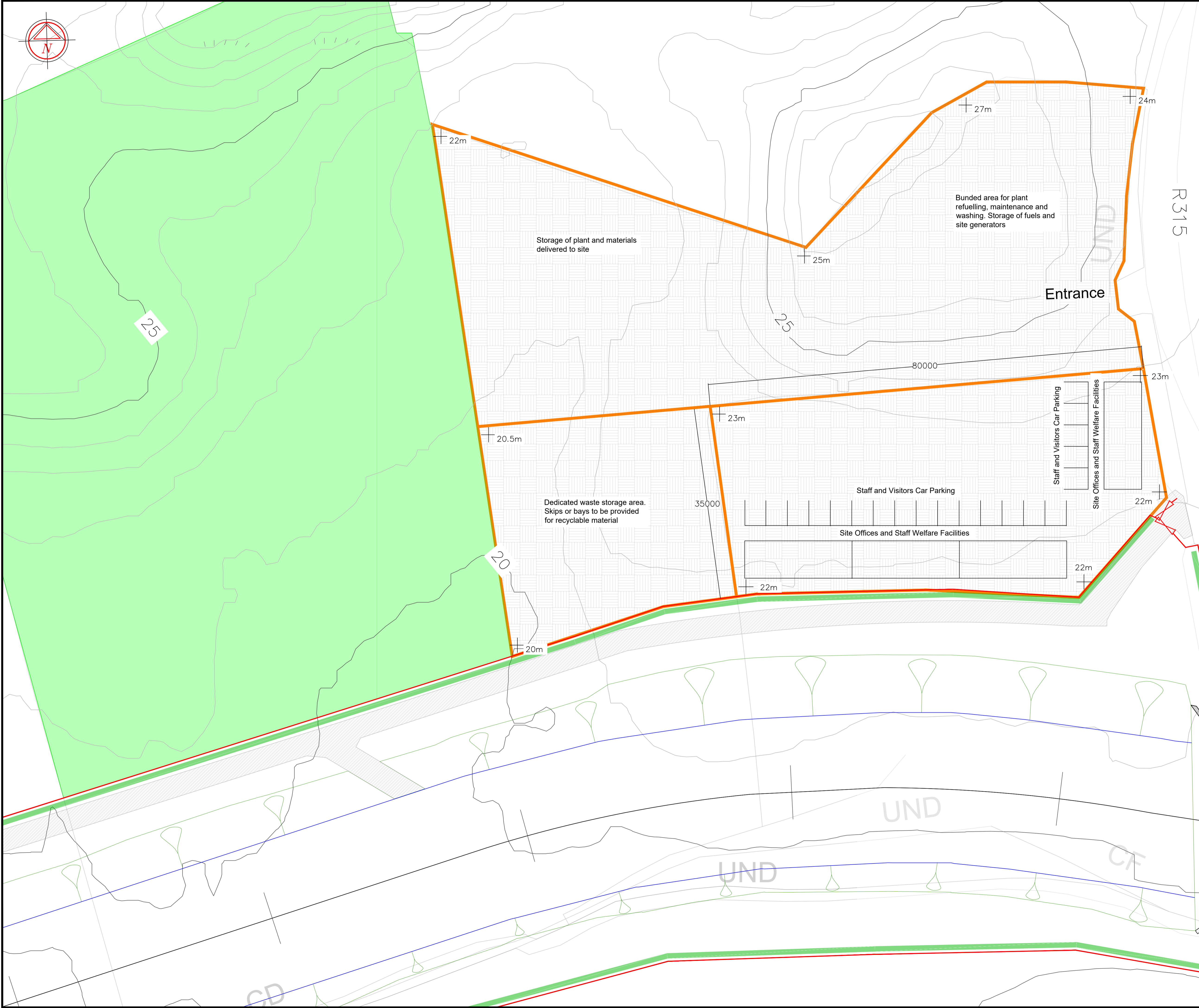
Construction Sequence: Stage 6

A) The RFCS works. Works include placing of culverts, retaining walls, flood defence embankment and access track. A short temporary closure of the L1105 mayl be required for delivery of materials. Traffic will be diverted via the R315.

B) Silt management area

Note: Flows can be diverted via the diversion channel once the RFCS and the scour protection works along the channel are in place





- Temporary Works Area
- Hard Standing Surface
- Temporary Construction Compound Fencing

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DATE	DRN	DESCRIPTION	CHK	APD
REVISIONS				

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DRAWING STATUS

☐ PRELIMINARY☐ CONTRACT☐ TENDER☐ CONSTRUCTION

☐ EXHIBITION☐ CONFIRMATION☐ AS CONSTRUCTED☒ DRAFT

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CLIENT

THE OFFICE OF PUBLIC WORKS

PROJECT

RIVER DEEL (CROSSMOLINA)
DRAINAGE SCHEME

TITLE

Construction Compound

SCALE @ A1	DATE	DRAWN	CHECKED	APPROVED
1:300	June 2020	RS	CK	JR
JOB No.	CAD FILE PATH	DRAWING No.	REV.	
2267	06/Scheme	CC_01		