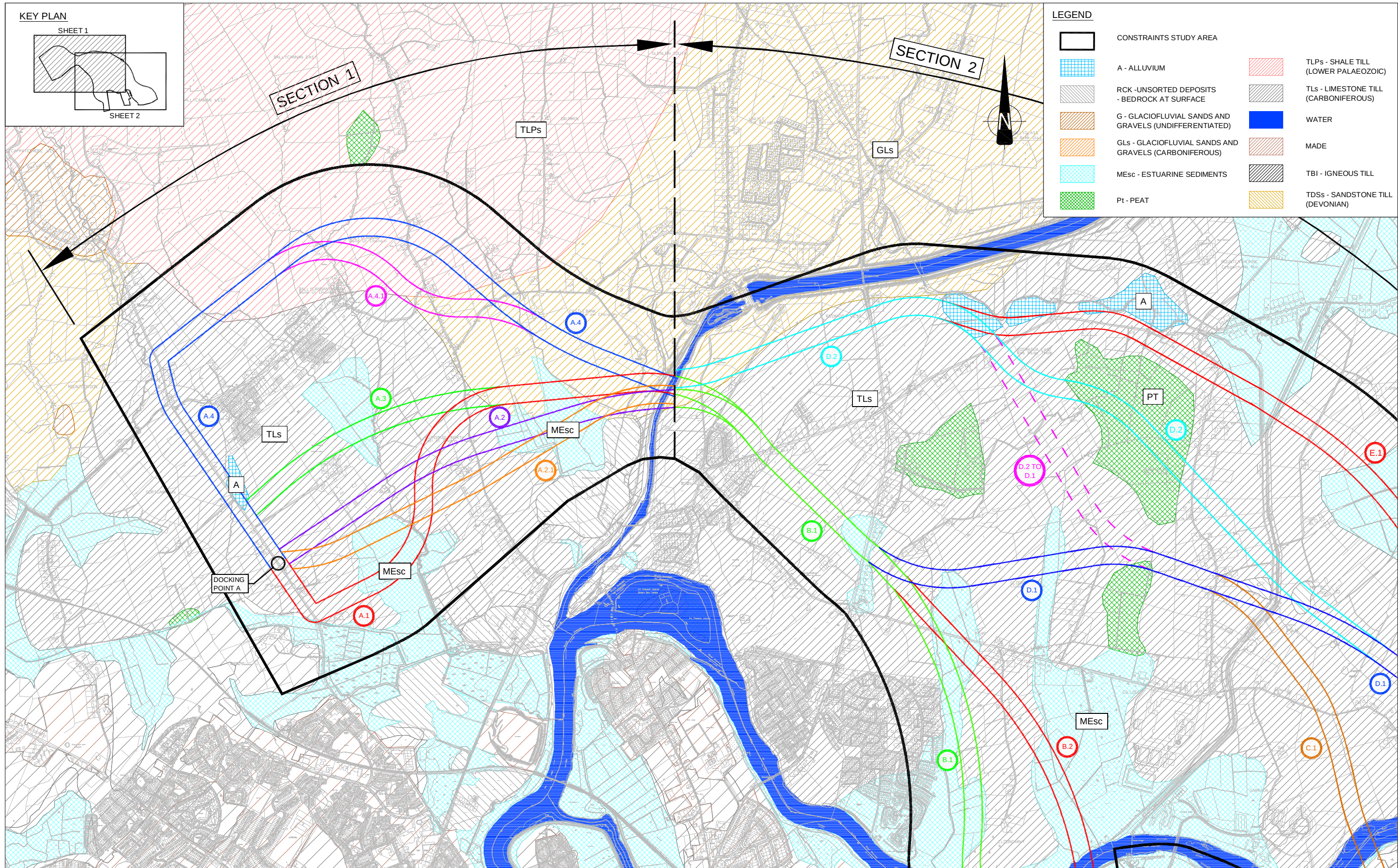
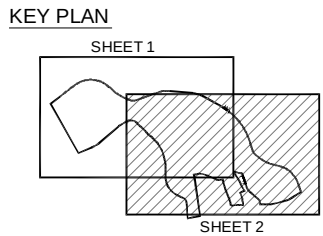
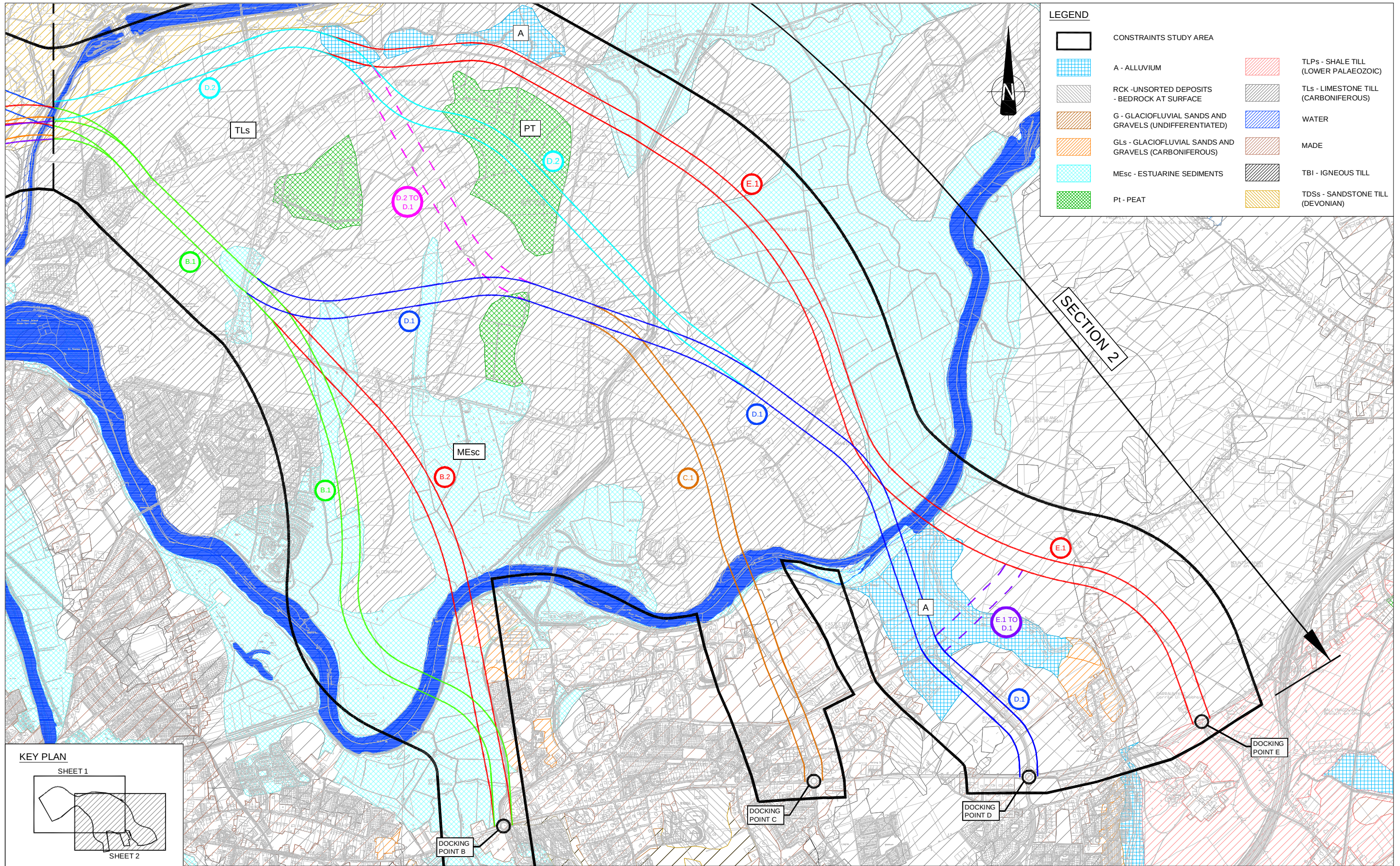






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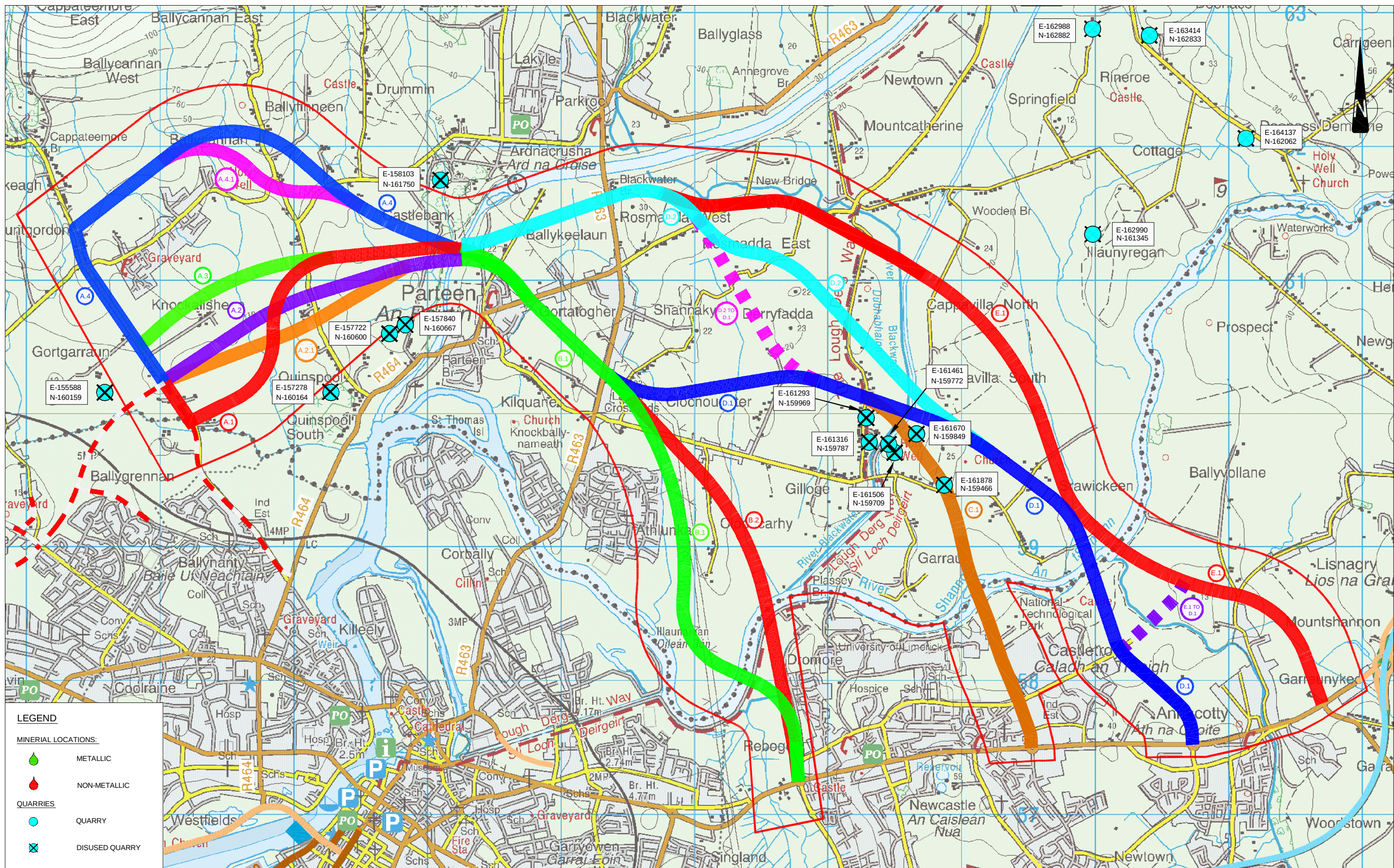
No.	Revision	Date	By	Chk'd	App'd
	Stage				
	PRELIMINARY				
	APPROVAL				
	TENDER				
	CONSTRUCTION				

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Malone O'Regan McGillicuddy
CIVIL AND STRUCTURAL ENGINEERS

Designed: LF Checked: MC Approved: RTP Status: WORK IN PROGRESS

Project Title LIMERICK NORTHERN DISTRIBUTOR ROAD			
Drawing Title SOILS & GEOLOGY SHEET 2 OF 2			
Drawn: RE	Job No: 10194	Drawing No: RCSR-1502	Rev:
Scale: 1:20,000 @ A3	Date: SEPTEMBER 2012		



- LEGEND**
- MINERAL LOCATIONS:**
- METALLIC
 - NON-METALLIC
- QUARRIES**
- QUARRY
 - DISUSED QUARRY

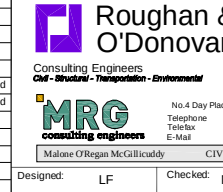


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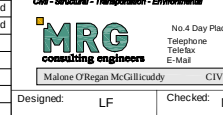


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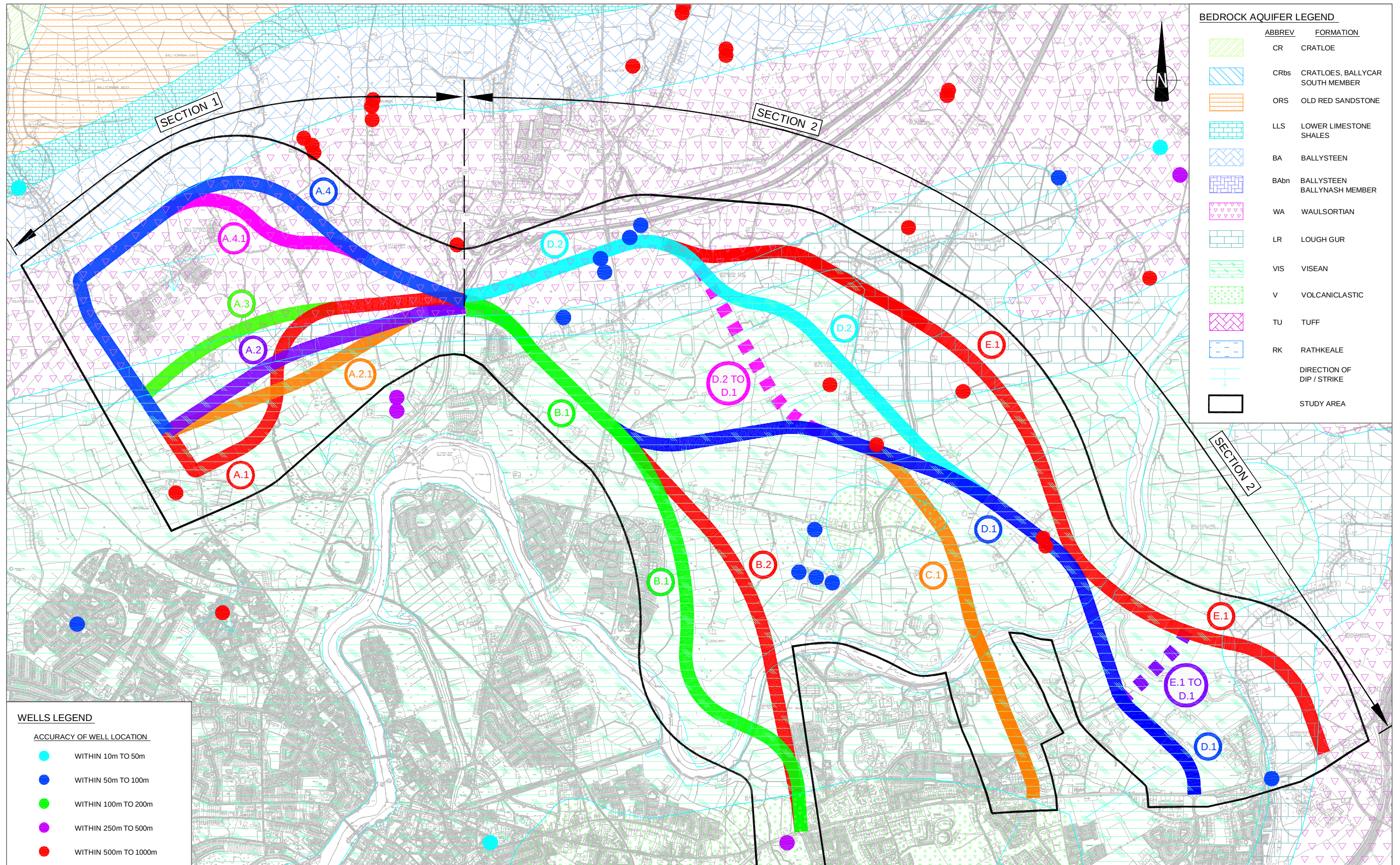


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Designed:	Checked:	Approved:	Status:
LF	MC	RTP	WORK IN PROGRESS

Project Title			
LIMERICK NORTHERN DISTRIBUTOR ROAD			
Drawing Title			
QUARRY & MINERAL LOCATIONS			
Drawn:	Job No:	Drawing No:	Rev:
PC	10194	RCSR-1503	
Scale:	Date:		
1:30,000 @ A3	SEPTEMBER 2012		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



WELLS LEGEND

ACCURACY OF WELL LOCATION

- WITHIN 10m TO 50m
- WITHIN 50m TO 100m
- WITHIN 100m TO 200m
- WITHIN 250m TO 500m
- WITHIN 500m TO 1000m

BEDROCK AQUIFER LEGEND

ABBREV	FORMATION
CR	CRATLOE
CRbs	CRATLOES, BALLYCAR SOUTH MEMBER
ORS	OLD RED SANDSTONE
LLS	LOWER LIMESTONE SHALES
BA	BALLYSTEEEN
BAbn	BALLYSTEEEN BALLYNASH MEMBER
WA	WAULSORTIAN
LR	LOUGH GUR
VIS	WISEAN
V	VOLCANICLASTIC
TU	TUFF
RK	RATHKEALE
	DIRECTION OF DIP / STRIKE
	STUDY AREA



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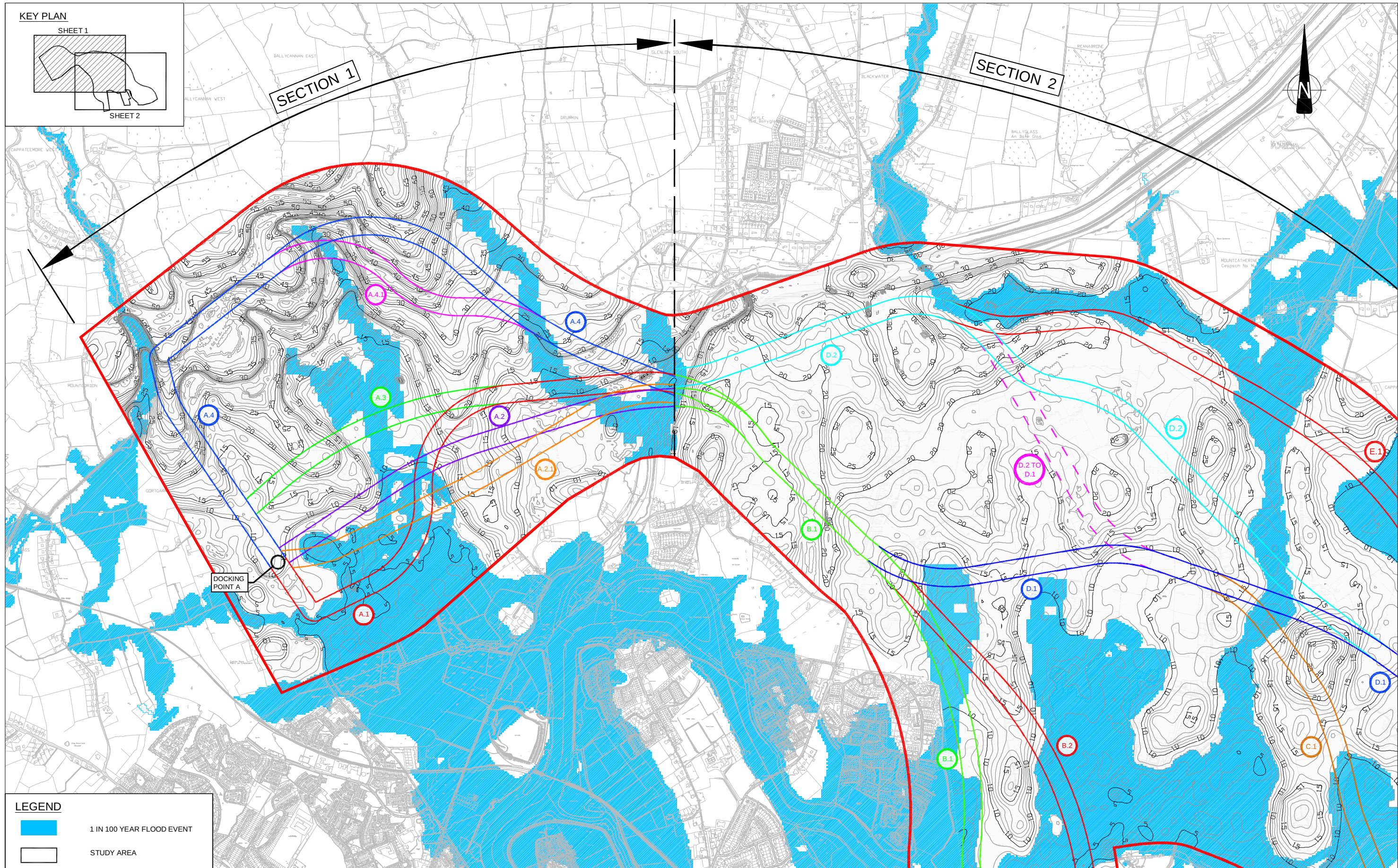
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Designed: LF Checked: MC Approved: RTP Status: WORK IN PROGRESS

Project Title
LIMERICK NORTHERN DISTRIBUTOR ROAD

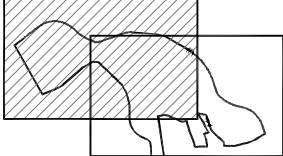
Drawing Title
BEDROCK AQUIFER AND GROUNDWATER WELLS

Drawn: PC	Job No: 10194	Drawing No: RCSR-1504	Rev:
Scale: 1:30,000 @ A3	Date: SEPTEMBER 2012		

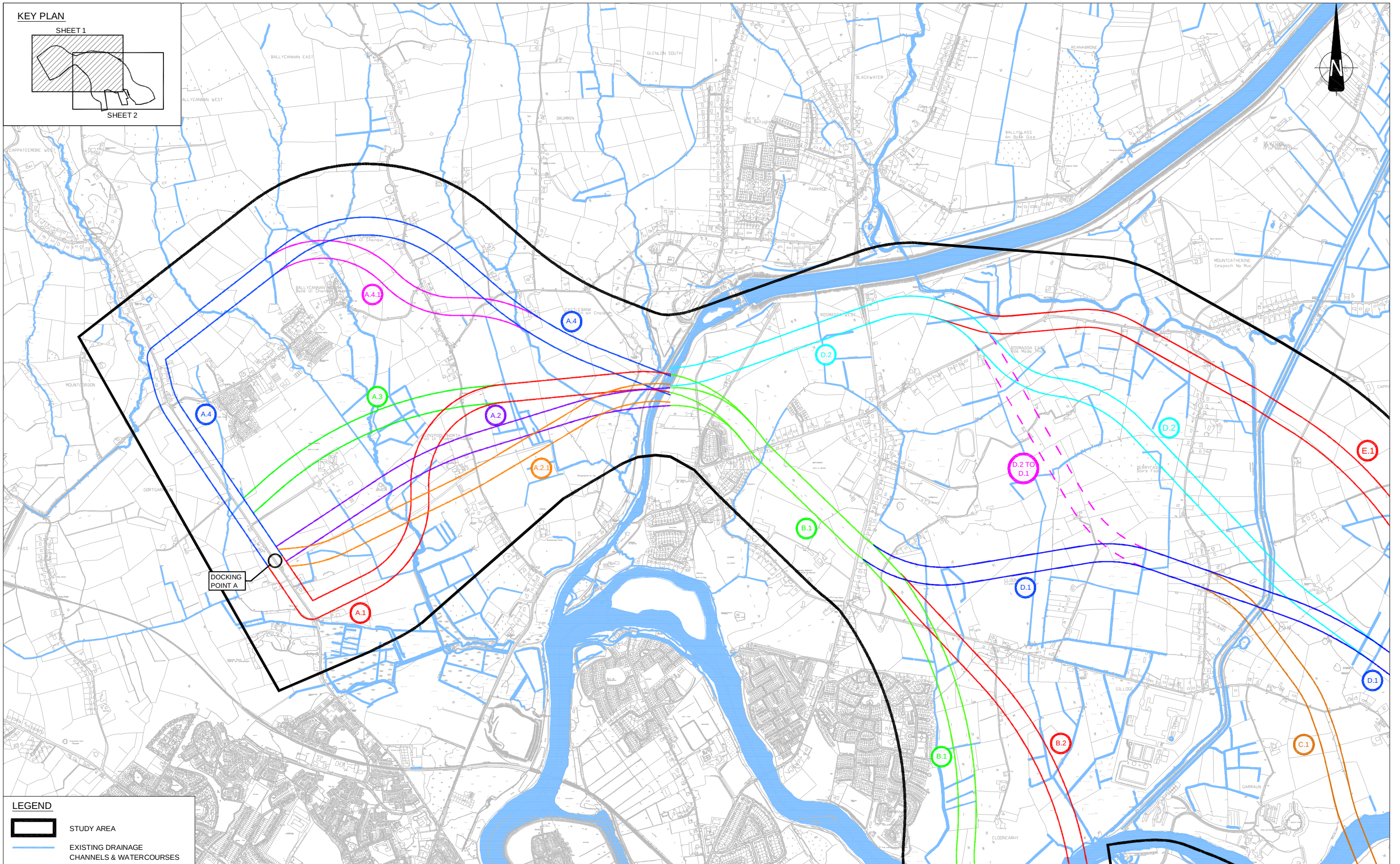


KEY PLAN

SHEET 1



SHEET 2



LEGEND

- STUDY AREA
- EXISTING DRAINAGE CHANNELS & WATERCOURSES



Comhairle Contae an Chláir
Clare County Council



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Project Title	LIMERICK NORTHERN DISTRIBUTOR ROAD			
Drawing Title	EXISTING DRAINAGE CHANNEL & WATERCOURSES SHEET 1 OF 2			
Drawn: RE	Job No: 10194	Drawing No: RCSR-1507	Rev:	
Scale: 1:20,000 @ A3	Date: SEPTEMBER 2012			

