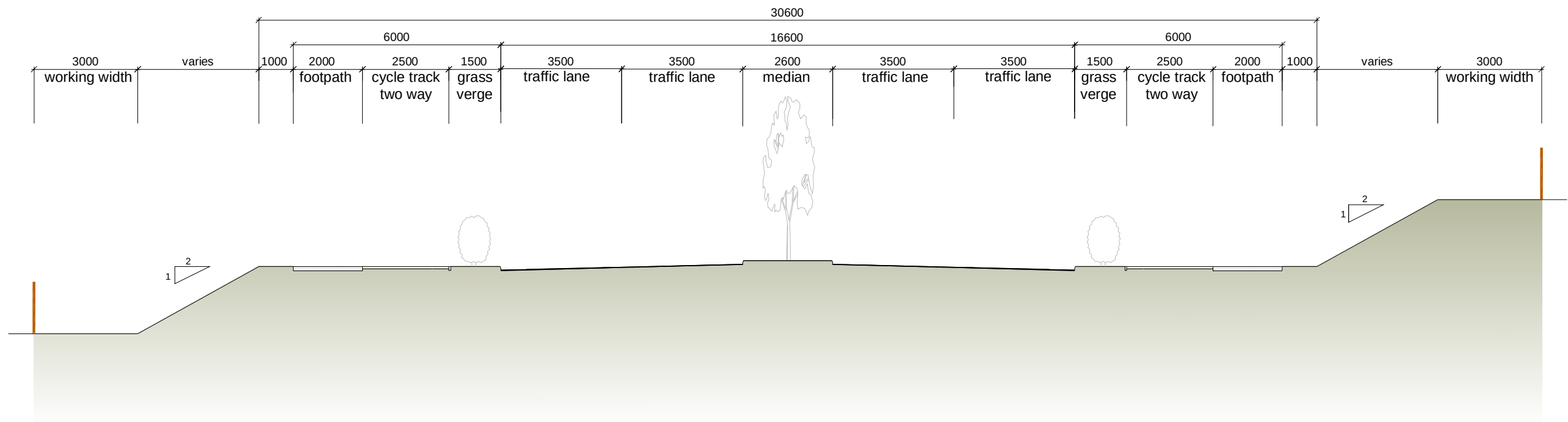
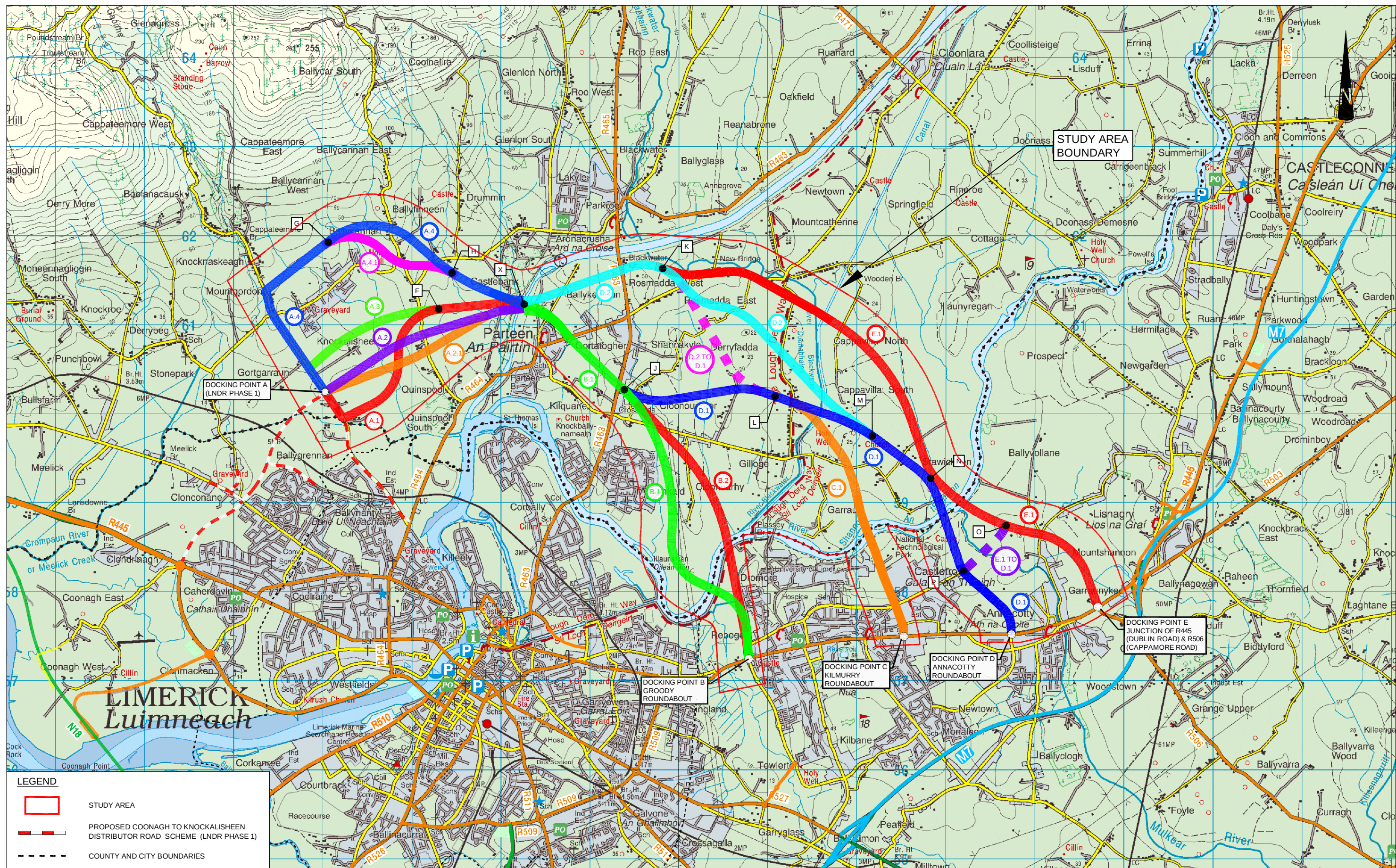




TYPICAL DUAL CARRIAGEWAY CROSS SECTION





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No.	Revision	Date	By	Chk'd	App'd
1	PRELIMINARY				
2	APPROVAL				
3	TENDER				
4	CONSTRUCTION				



Roughan & O'Donovan
Consulting Engineers
Civil - Structural - Transportation - Environmental
No. 4 Day Place, Tralee, Co. Kerry
Telephone: (0523) 712330
Telefax: (0523) 712334
E-Mail: info@roughanodonovan.com
www.roughanodonovan.com

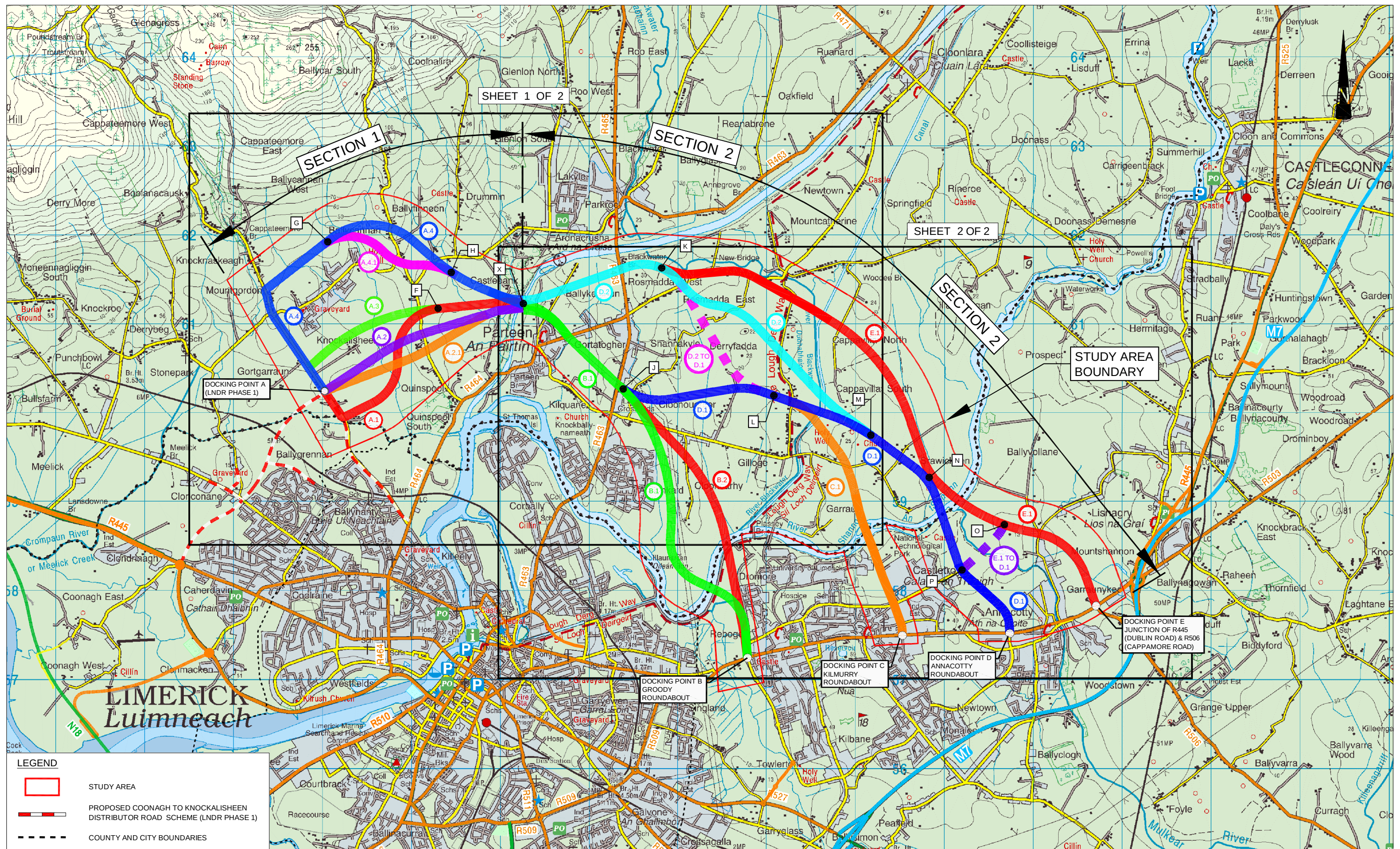


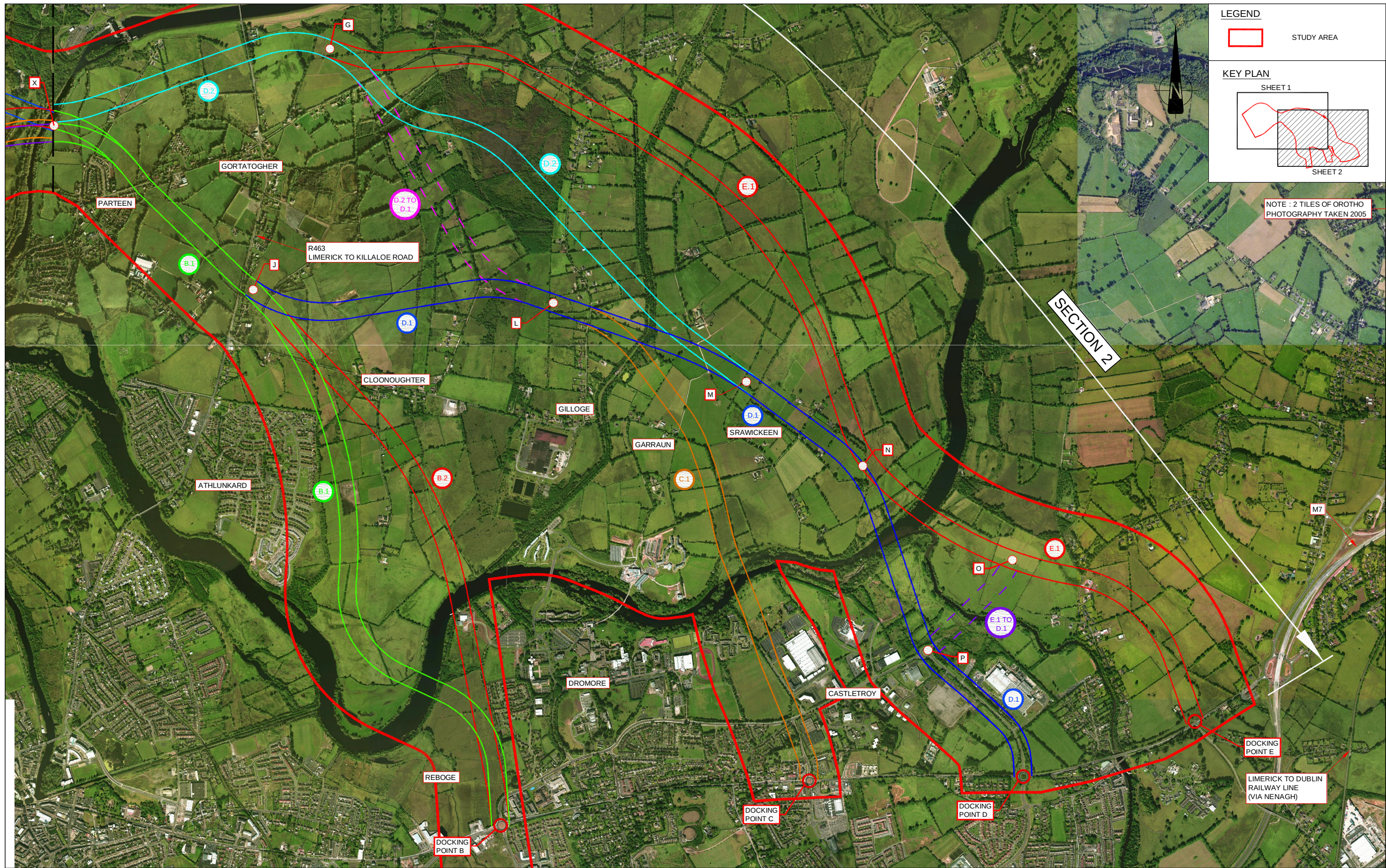
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consulting engineers
Malone O'Regan McGillicuddy
CIVIL AND STRUCTURAL ENGINEERS

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

Project Title			
LIMERICK NORTHERN DISTRIBUTOR ROAD			
Drawing Title			
STAGE 1 - PRELIMINARY OPTIONS ASSESSMENT			
Drawn:	Job No:	Drawing No:	Rev:
RE	10194	RCSR-501	
Scale:	Date:		
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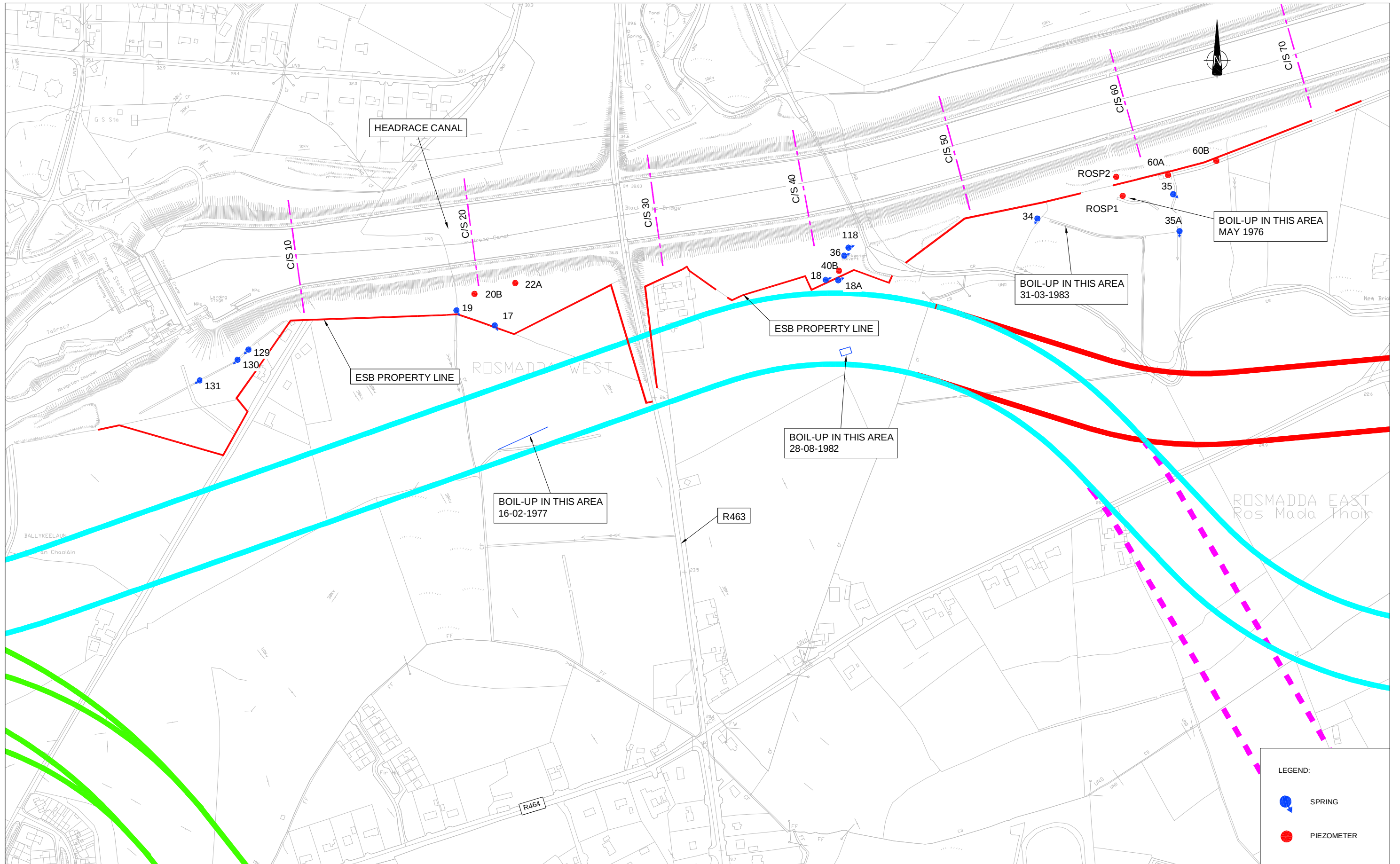
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	TENDER				
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Consulting Engineers
Civil - Structural - Transportation - Environmental
Arena House, Arena Road,
Sandyford, Dublin 18.
Tel : +353 1 294 0800
Fax : +353 1 294 0820
e-mail : info@rodo.ie
www.roughanodonovan.com

MRG
consulting engineers
No.4 Day Place, Tralee, Co. Kerry
Telephone : (066) 7123330
Telefax : (066) 7123394
E-Mail : info@mrge.ie
Malone O'Regan McGillicuddy
CIVIL AND STRUCTURAL ENGINEERS

Project Title				
LIMERICK NORTHERN DISTRIBUTOR ROAD				
Drawing Title				
ROUTE CORRIDORS SHEET 2 OF 2				
Drawn: RE		Job No: 10194	Drawing No: RCSR-504	Rev:
Scale: 1:20,000 @ A3		Date: SEPTEMBER 2012		



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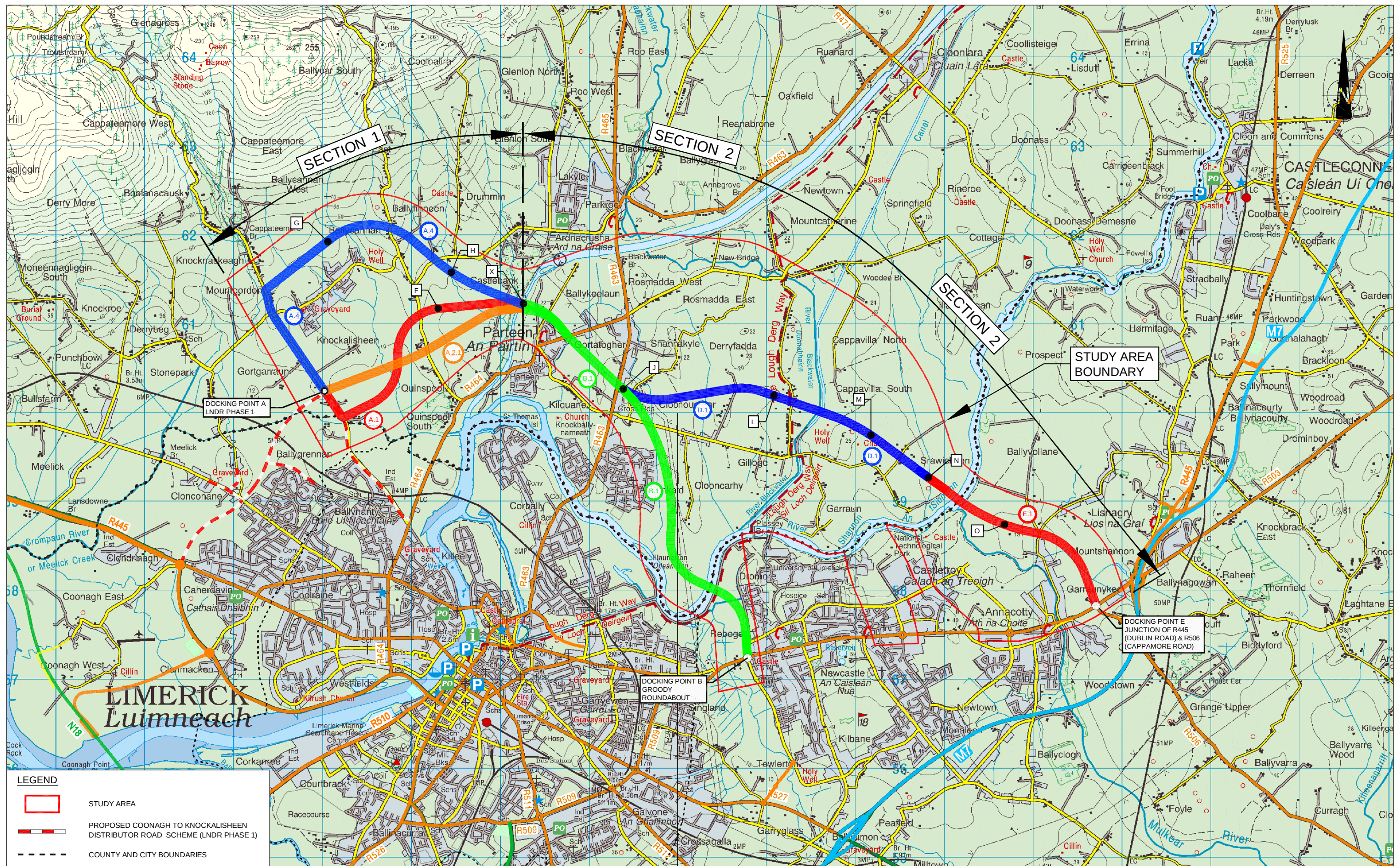
MRG
consulting engineers

No. 4 Day Place, Tralee, Co. Kerry
Telephone : (066) 7123330
Telefax : (066) 7123394
E-Mail : info@mg.ie

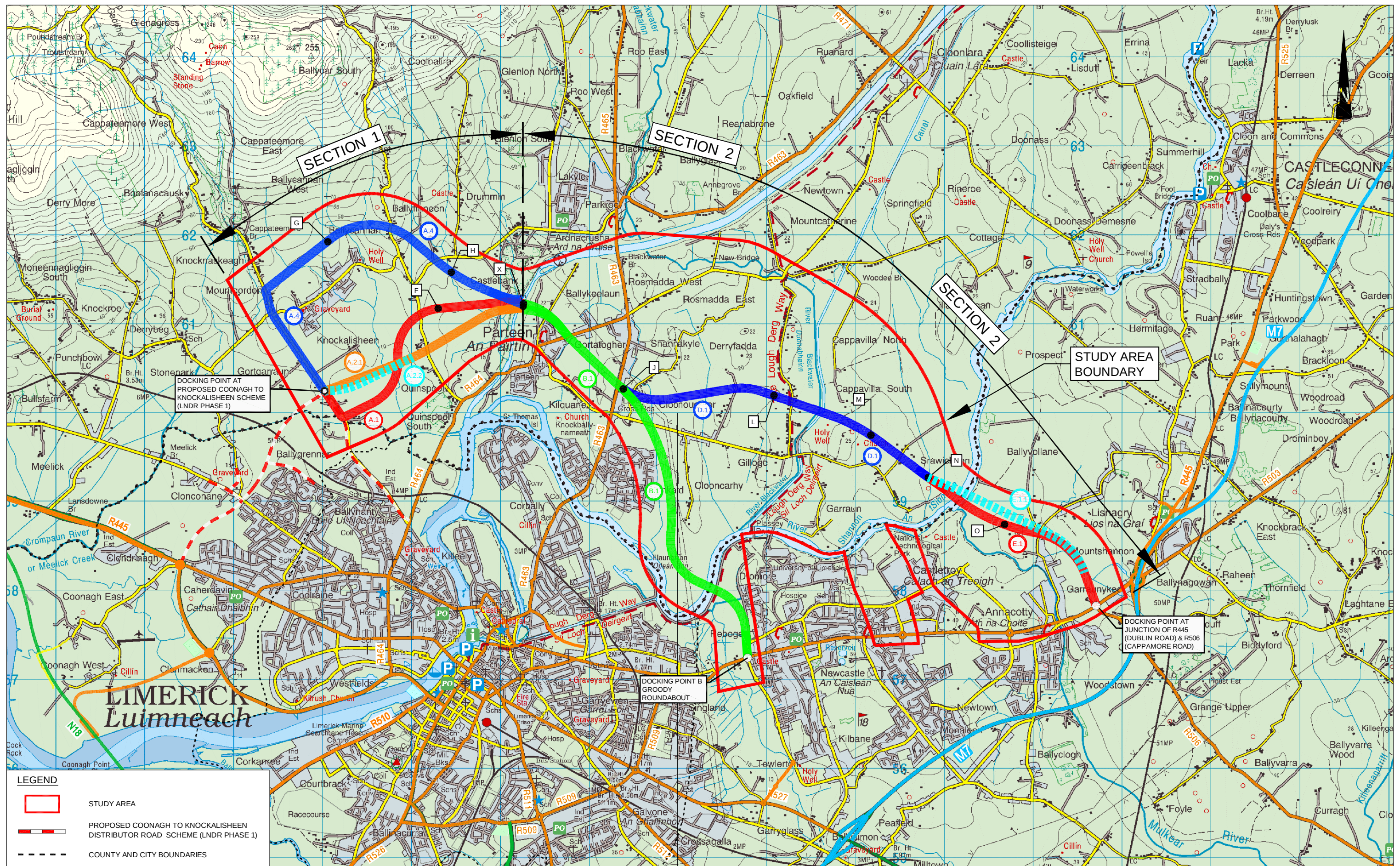
Malone O'Regan McGillicuddy CIVIL AND STRUCTURAL ENGINEERS

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

Project Title	LIMERICK NORTHERN DISTRIBUTOR ROAD			
Drawing Title	ESB MAPPING OF HYDROGEOLOGICAL CONSTRAINTS ASSOCIATED WITH IMPOUNDMENT DAMS WITH ROUTE OPTIONS			
Drawn: SP	Job No: 10194	Drawing No: RCSR-505	Rev:	
Scale: 1:5000 @ A3	Date: SEPTEMBER 2012			



No.	Revision	Stage	Date	By	Chkd	Appd
1	PRELIMINARY	APPROVAL				
2	TENDER	CONSTRUCTION				



No.	Revision	Stage	Date	By	Chkd	Appd
1	PRELIMINARY	APPROVAL				
2	TENDER	CONSTRUCTION				



LEGEND

STUDY AREA

DEVELOPED EMERGING
PREFERRED ROUTE CORRIDOR

KEY PLAN

SHEET 1

SHEET 2



Comhairle Contae an Chláir
Clare County Council



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consulting engineers

Malone O'Regan McGillicuddy
CIVIL AND STRUCTURAL ENGINEERS

Arena House, Arena Road,
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Tel : +353 1 294 0800
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e-mail : info@rod.ie
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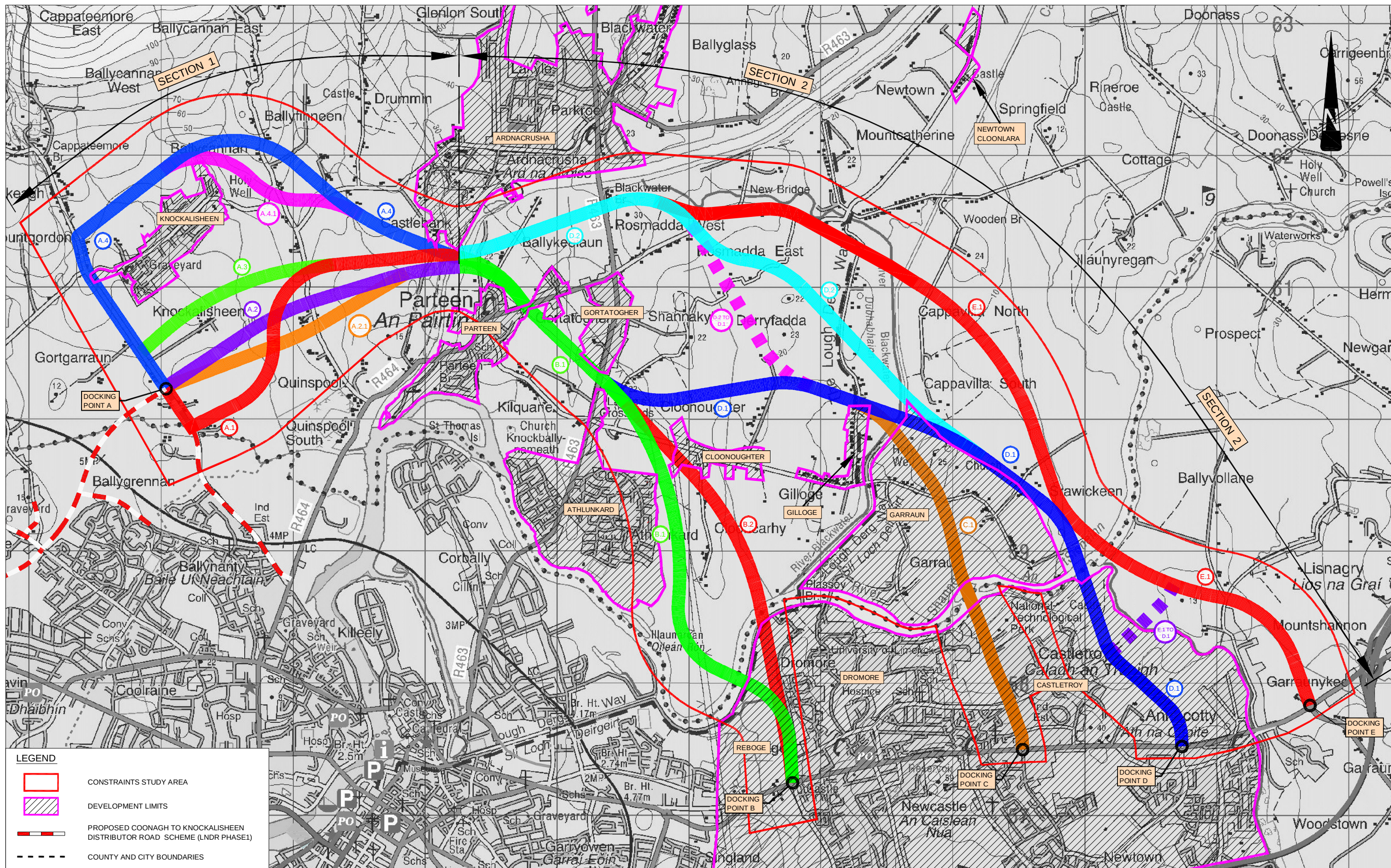
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Telephone : (066) 7123330
Telefax : (066) 7123394
E-Mail : info@mrge.ie

Designed:	LF	Checked:	MC	Approved:	RTP	Status:	WORK IN PROGRESS
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Drawing Title DEVELOPMENT OF THE EMERGING PREFERRED ROUTE CORRIDOR SHEET 2 OF 3			
Drawn:	RE	Job No:	10194
Scale:	1:20,000 @ A3	Date:	SEPTEMBER 2012
Drawing No:	RCSR-604	Rev:	

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Telephone: (066) 7123130
Telex: (066) 1223364
E-Mail: info@rmg.ie
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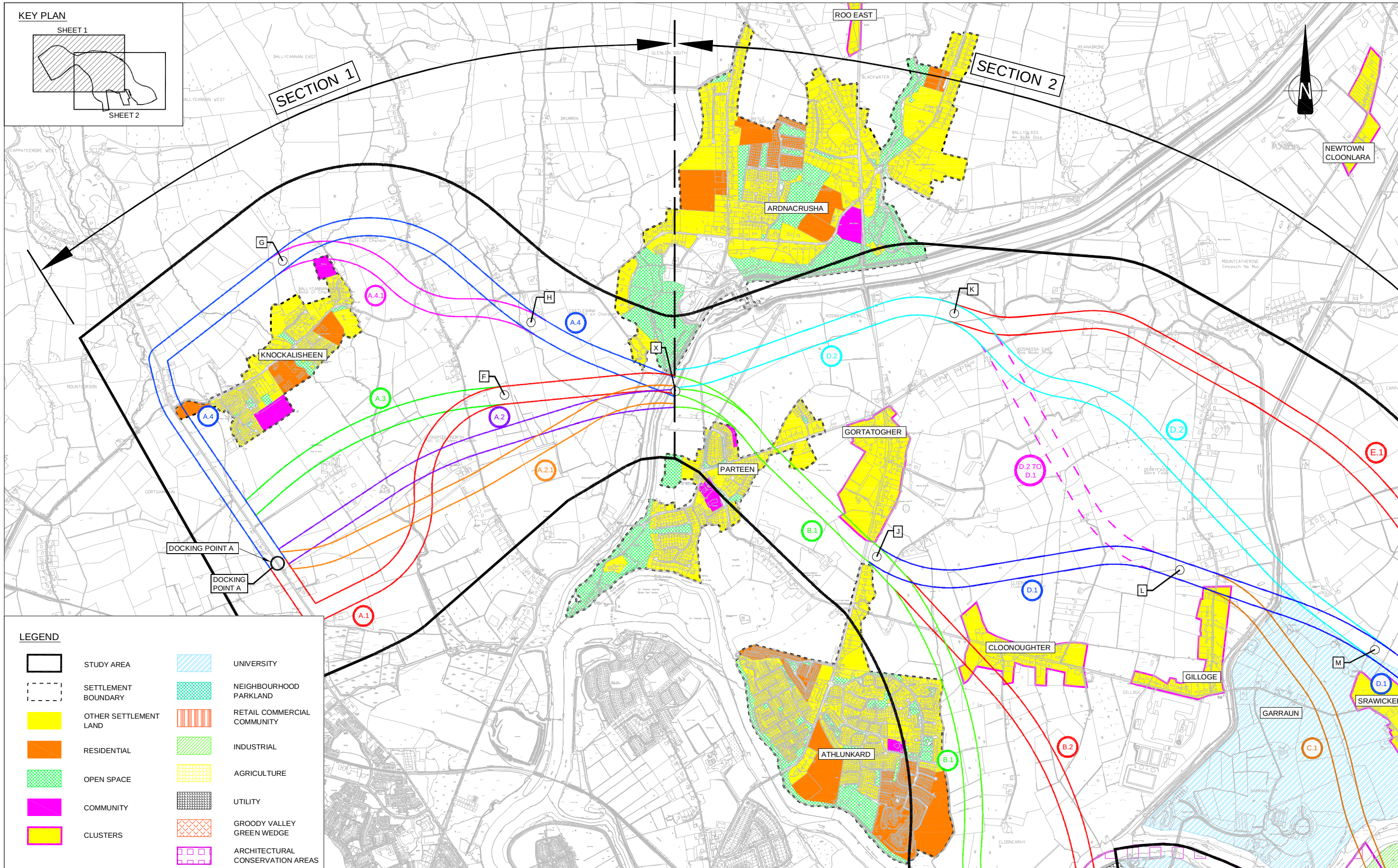


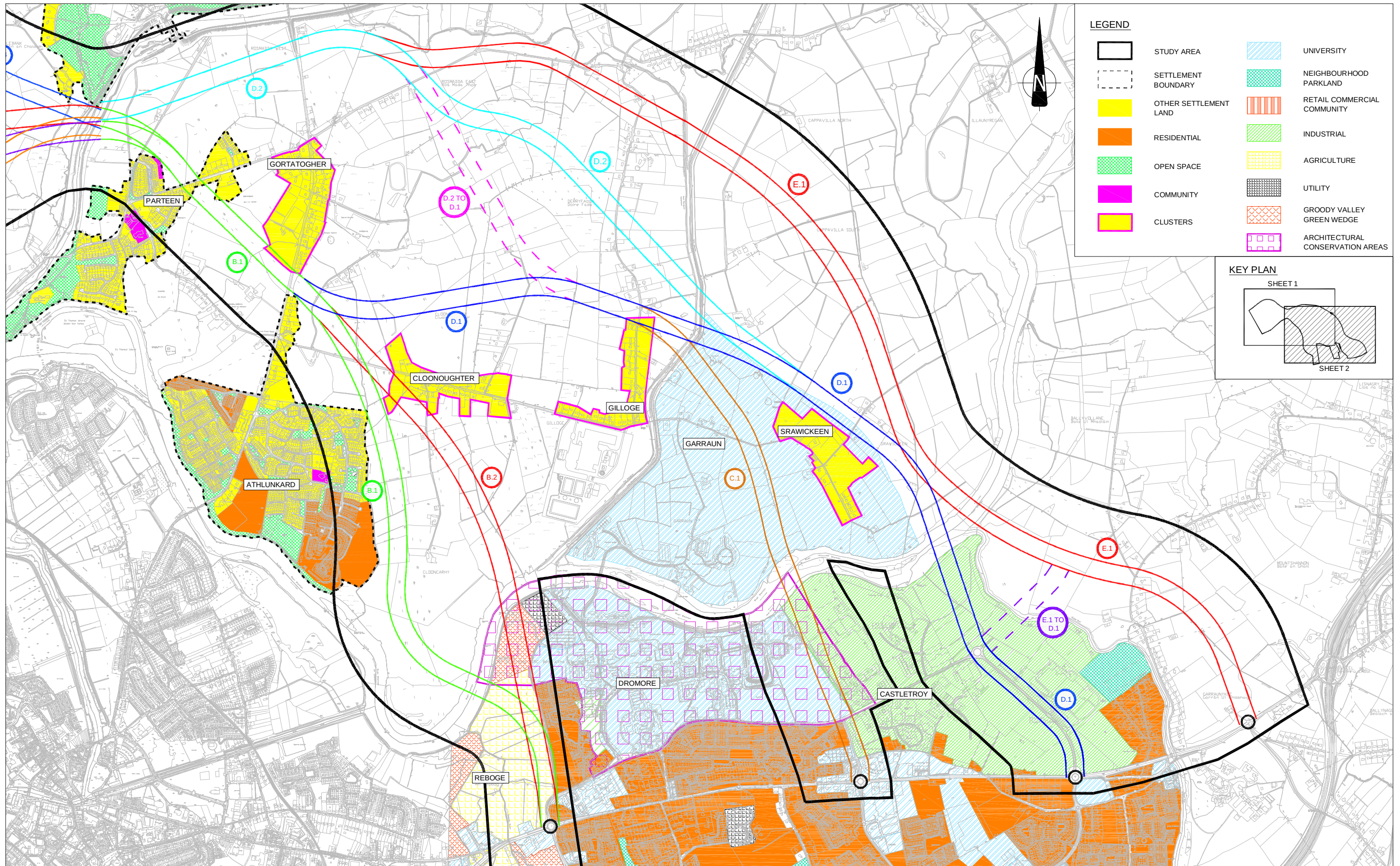
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Designed:	Checked:	Approved:	Status:
LF	MC	RTP	WORK IN PROGRESS

Project Title			
LIMERICK NORTHERN DISTRIBUTOR ROAD			
Drawing Title			
DEVELOPMENT LIMITS			
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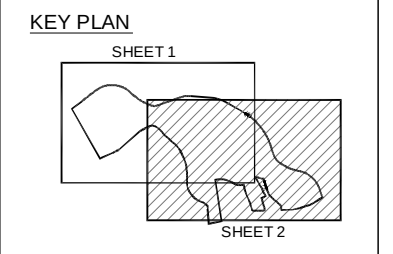
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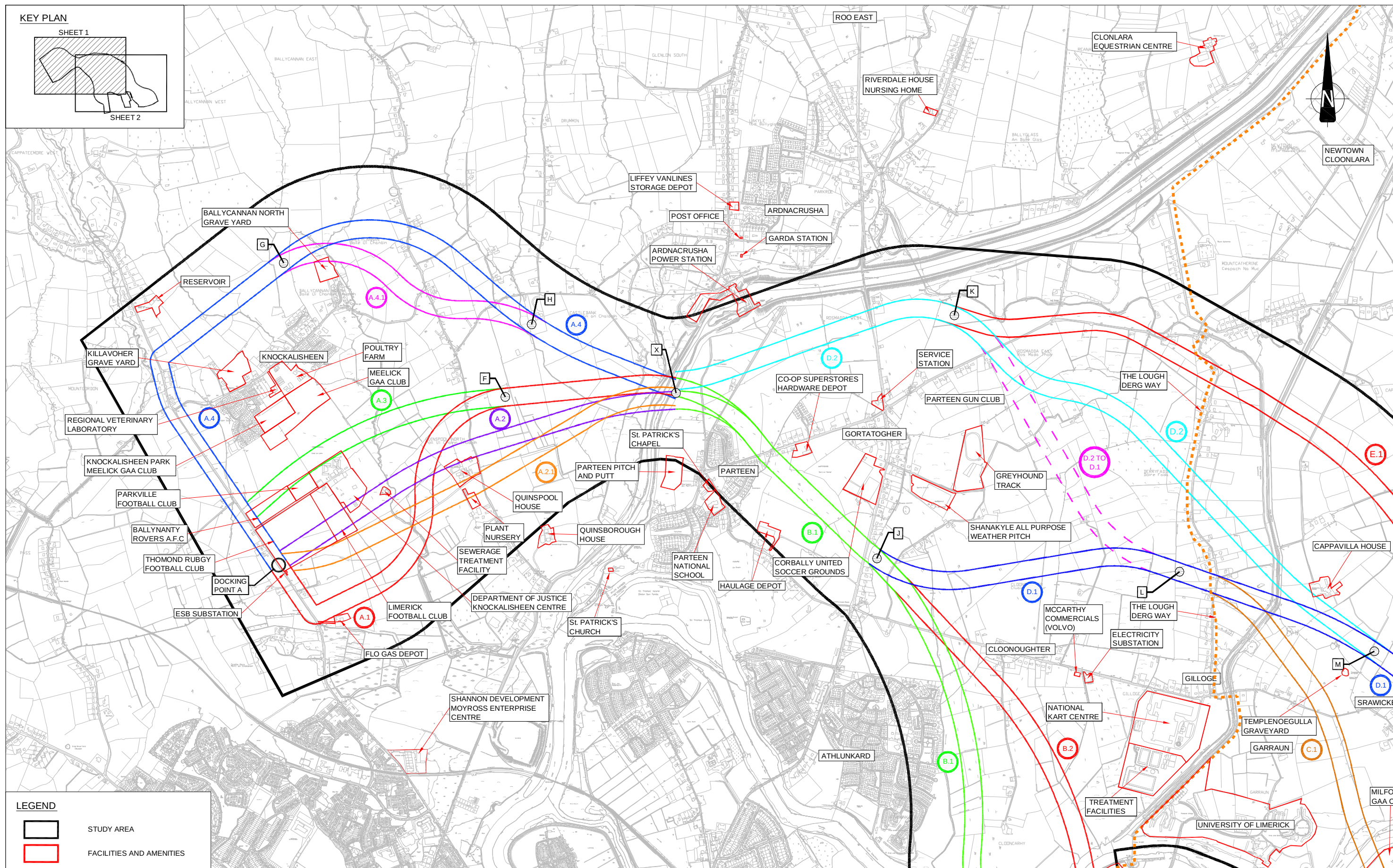


LEGEND

	STUDY AREA		UNIVERSITY
	SETTLEMENT BOUNDARY		NEIGHBOURHOOD PARKLAND
	OTHER SETTLEMENT LAND		RETAIL COMMERCIAL COMMUNITY
	RESIDENTIAL		INDUSTRIAL
	OPEN SPACE		AGRICULTURE
	COMMUNITY		UTILITY
	CLUSTERS		GROODY VALLEY GREEN WEDGE
			ARCHITECTURAL CONSERVATION AREAS



 LIMERICK CITY COUNCIL COMHAIRLE CATHRACH LUIMNIGH	 An Roinn Iompair Turasóireachta agus Spóirt Department of Transport, Tourism and Sport	<table border="1"><tr><td>No.</td><td>Revision</td><td>Date</td><td>By</td><td>Chkd</td><td>App'd</td></tr><tr><td></td><td>Stage</td><td></td><td></td><td></td><td></td></tr><tr><td>PRELIMINARY</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>APPROVAL</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TENDER</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CONSTRUCTION</td><td></td><td></td><td></td><td></td><td></td></tr></table>	No.	Revision	Date	By	Chkd	App'd		Stage					PRELIMINARY						APPROVAL						TENDER						CONSTRUCTION						<table border="0"><tr><td> Roughan & O'Donovan Consulting Engineers Civil - Structural - Transportation - Environmental No. 4 Day Place, Tralee, Co. Kerry Telephone : (066) 7123130 Telex : (066) 1223364 E-Mail : info@rmg.ie Malone O'Regan McGillicuddy CIVIL AND STRUCTURAL ENGINEERS</td><td>Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 1 294 0800 Fax : +353 1 294 0820 e-mail : info@rod.ie www.roughanodonovan.com</td></tr></table>	 Roughan & O'Donovan Consulting Engineers Civil - Structural - Transportation - Environmental No. 4 Day Place, Tralee, Co. Kerry Telephone : (066) 7123130 Telex : (066) 1223364 E-Mail : info@rmg.ie Malone O'Regan McGillicuddy CIVIL AND STRUCTURAL ENGINEERS	Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 1 294 0800 Fax : +353 1 294 0820 e-mail : info@rod.ie www.roughanodonovan.com	<table border="0"><tr><td colspan="4">Project Title LIMERICK NORTHERN DISTRIBUTOR ROAD</td></tr><tr><td colspan="4">Drawing Title ZONING STRATEGY SHEET 2 OF 2</td></tr><tr><td>Drawn: RE</td><td>Job No: 10194</td><td>Drawing No: RCSR-703</td><td>Rev:</td></tr><tr><td>Scale: 1:20,000 @ A3</td><td>Date: SEPTEMBER 2012</td><td></td><td></td></tr></table>	Project Title LIMERICK NORTHERN DISTRIBUTOR ROAD				Drawing Title ZONING STRATEGY SHEET 2 OF 2				Drawn: RE	Job No: 10194	Drawing No: RCSR-703	Rev:	Scale: 1:20,000 @ A3	Date: SEPTEMBER 2012		
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	APPROVAL				
	TENDER				
	CONSTRUCTION				



Malone O'Regan McGillicuddy

Arena House, Arena Road,
Sandyford, Dublin 18.
Tel : +353 1 294 0800
Fax : +353 1 294 0820
e-mail : info@rod.ie
www.roughanodonovan.com

Drawing Title

LAND USE
SHEET 1 OF 2

Drawn: RE	Job No: 10194	Drawing No: RCSR-704	Rev:
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Roughan &
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Arena House, Arena Road,
Sandyford, Dublin 18.
Tel : +353 1 294 0800
Fax : +353 1 294 0820
e-mail : info@rod.ie
www.roughanodonovan.com

Consulting Engineers
CIVIL - Structural - Transportation - Environmental

MRG
consulting engineers

No. 4 Dr.
Telephone
Telefax
E-Mail

No.4 Day Place, Tralee, Co. Kerry
Telephone : (066) 7123130
Telefax : (066) 7123364
E-Mail : info@mrj.ie

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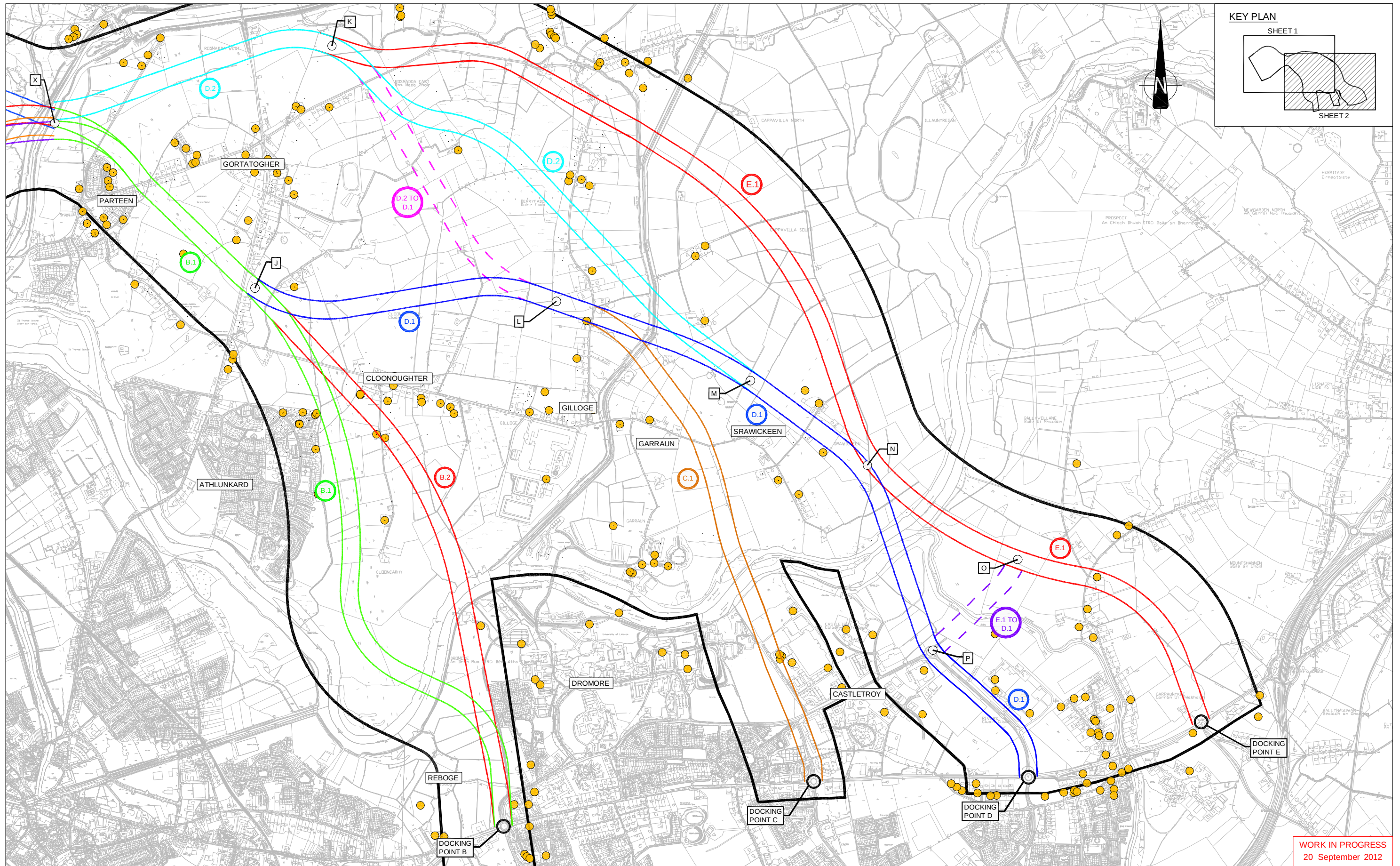
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Project Title	LIMERICK NORTHERN DISTRIBUTOR ROAD
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Drawing Title

PLANNING APPLICATIONS GRANTED
SHEET 1 OF 2

Drawn: RE	Job No: 10194	Drawing No: RCSR-706	Rev:
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20 September 2012

 Comhairle Contae an Chláir Clare County Council		 LIMERICK CITY COUNCIL COMHAIRLE CATHRACH LUIMNIGH		 An Roinn Iompair Turasoireachta agus Spóirt Department of Transport, Tourism and Sport		<table border="1"><thead><tr><th>No.</th><th>Revision</th><th>Date</th><th>By</th><th>Chkd</th><th>App'd</th></tr></thead><tbody><tr><td>1</td><td>PRELIMINARY</td><td></td><td></td><td></td><td></td></tr><tr><td>2</td><td>APPROVAL</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>TENDER</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>CONSTRUCTION</td><td></td><td></td><td></td><td></td></tr></tbody></table>		No.	Revision	Date	By	Chkd	App'd	1	PRELIMINARY					2	APPROVAL					3	TENDER					4	CONSTRUCTION					 Roughan & O'Donovan Consulting Engineers Civil - Structural - Transportation - Environmental No 4 Day Place, Tralee, Co. Kerry Telephone : (066) 712330 Telex : (066) 122304 E-Mail : info@rmg.ie Malone O'Regan McGillicuddy CIVIL AND STRUCTURAL ENGINEERS		<table border="1"><thead><tr><th>Project Title</th><th>Drawing Title</th><th>Drawn</th><th>Job No.</th><th>Drawing No.</th><th>Rev.</th></tr></thead><tbody><tr><td>LIMERICK NORTHERN DISTRIBUTOR ROAD</td><td>PLANNING APPLICATIONS GRANTED SHEET 2 OF 2</td><td>RE</td><td>10194</td><td>RCSR-707</td><td></td></tr></tbody></table>		Project Title	Drawing Title	Drawn	Job No.	Drawing No.	Rev.	LIMERICK NORTHERN DISTRIBUTOR ROAD	PLANNING APPLICATIONS GRANTED SHEET 2 OF 2	RE	10194	RCSR-707	
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