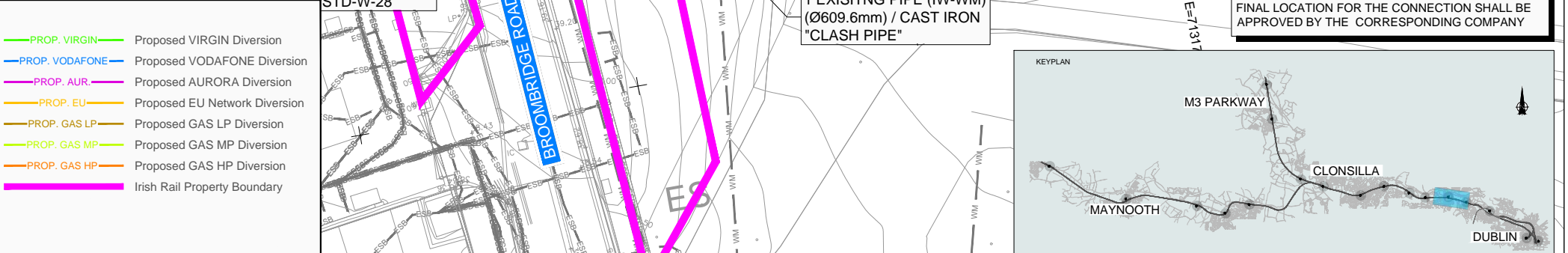


LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

ESB	Existing ESB - Underground	PROP. ESB MV	Proposed ESB - MV Underground Diversion	PROP. VIRGIN	Proposed VIRGIN Diversion
OH	Existing ESB - Overhead	PROP. ESB HV	Proposed ESB - HV Overhead Diversion	PROP. VODAFONE	Proposed VODAFONE Diversion
EIRCOM	Existing EIRCOM	PROP. ESB MV	Proposed ESB - MV Overhead Diversion	PROP. AUR	Proposed AURORA Diversion
STORM WATER	Existing Storm Water	PROP. ESB LV	Proposed ESB - LV Overhead Diversion	PROP. EU	Proposed EU Network Diversion
GAS	Existing Gas Network	PROP. ESB HV	Proposed ESB - HV Underground Diversion	PROP. GAS LP	Proposed GAS LP Diversion
GRAVITY FOUL	Existing IW-Gravity	PROP. IW-WM	Proposed IW- WATER Main Diversion	PROP. GAS MP	Proposed GAS MP Diversion
VIRGIN	Existing Virgin	PROP. IW-GF	Proposed IW- GRAVITY FOUL Diversion	PROP. GAS HP	Proposed GAS HP Diversion
VODAFONE	Existing Vodafone	PROP. SW	Proposed STORM WATER Diversion		
EU Network	Existing EU Network	PROP. EIRCOM	Proposed EIRCOM Diversion		
AURORA	Existing Aurora				
WM	Existing Water Main				



Client		Project		Drawing Title	
				UTILITIES DIVERSIONS OBG-5 BRIDGE DECK RECONSTRUCTION	
Consultant				Scale: 1:200 @ A1 	
V 01 May 2022 Planning Issue REV. DATE DESCRIPTION JHC LA CCH PRODUCED BY REVIEWED BY APPROVED BY		MAY MDC UTL RS05 DR Y 0001 D Date: May 2022 Job No: P/101086 Status: F1-Approved & Accepted Rev: V 01 Sheet: 01 of 02		Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC UTL RS05 DR Y 0001 D	

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 Survey No. 0039720 (OSI Aerial Data or OS Lidar Data) & Survey No. 2021081_NMA_180 (OSI Vector Data).
 All elevations are in metres and relate to OS Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLTG).

SECTION A-A

TEMPORARY 2 DUCTS (ESB)
3x185xC
PROTECTED BY STEEL PIPE

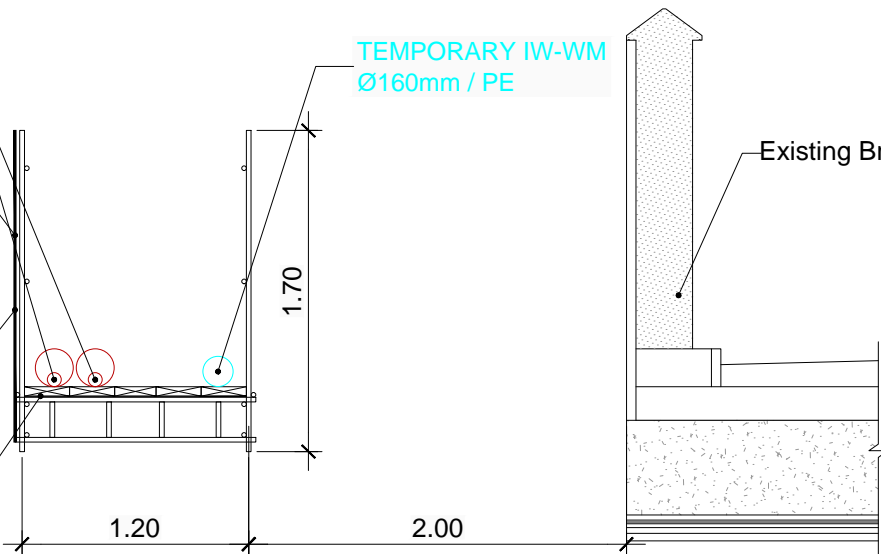
Scaffold to be enclosed fully with monarflex plastic sheeting (typ.)

Scaffold use is limited to the services across it. Scaffold shall not be used as a walkway

6 mm plywood screwed down, over netlon mesh sheeting on working surface and returned 250 mm vertical at edge footboards (typ.)

TEMPORARY IW-WM
Ø160mm / PE

Existing Bridge



SECTION B-B

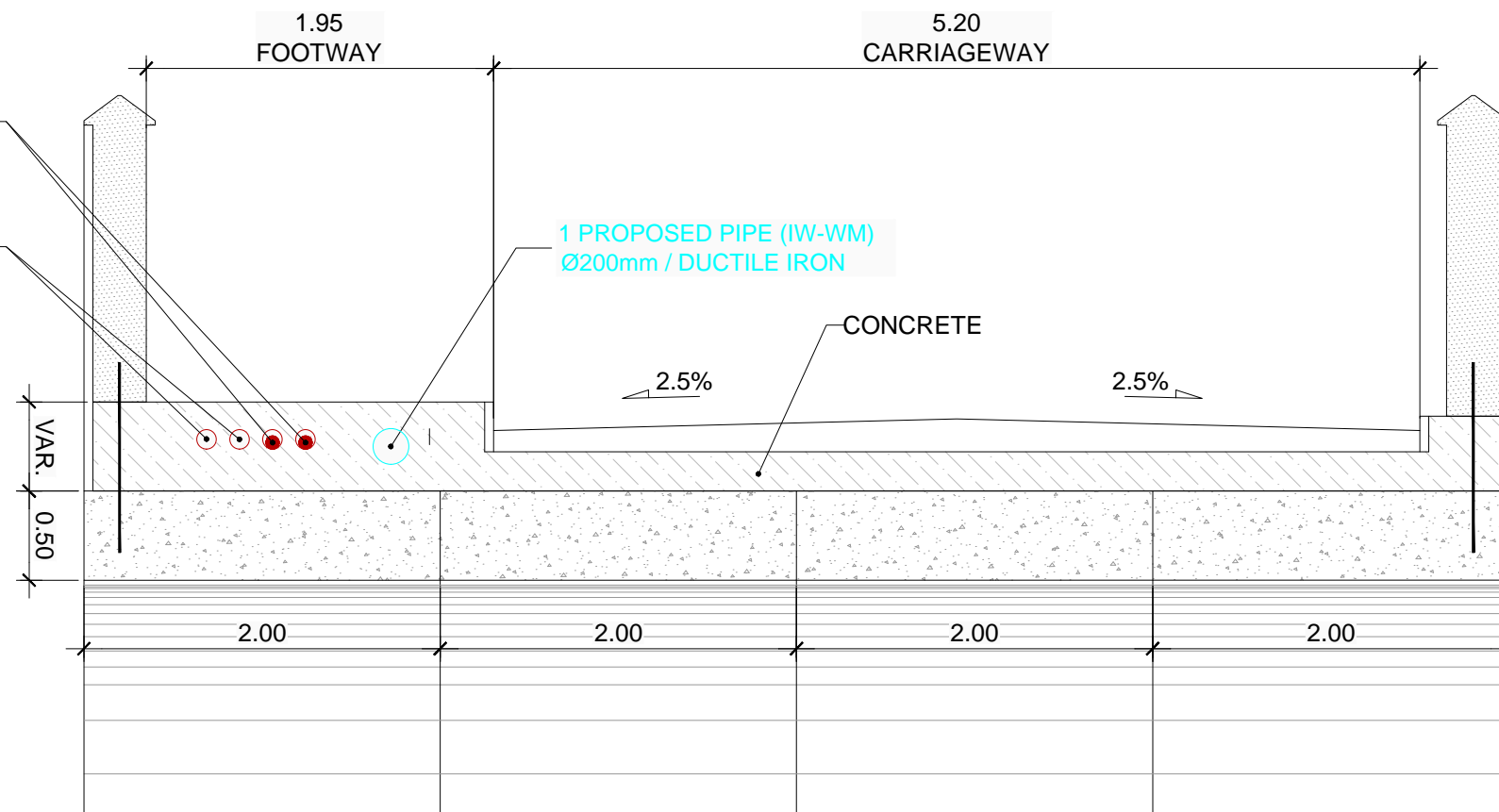
2 PROPOSED DUCTS (ESB)
UE-MV-001-002
3x185xC
STU-022 AND 023
DECK

2 DUCTS (ESB) FUTURE
PROOFING

1 PROPOSED PIPE (IW-WM)
Ø200mm / DUCTILE IRON

CONCRETE

PRECAST
ARC



NOTE:
Provision of 150mm concrete surrounding IW pipe is subject to reconstruction of bridge.

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V 01	May 2022	Planning Issue	JHC	LA	CCH

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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG0).

Client

Consultant

Project

Drawing Title

UTILITIES DIVERSIONS
OBG-5
SECTIONS

Scale: 1:20 @ A1

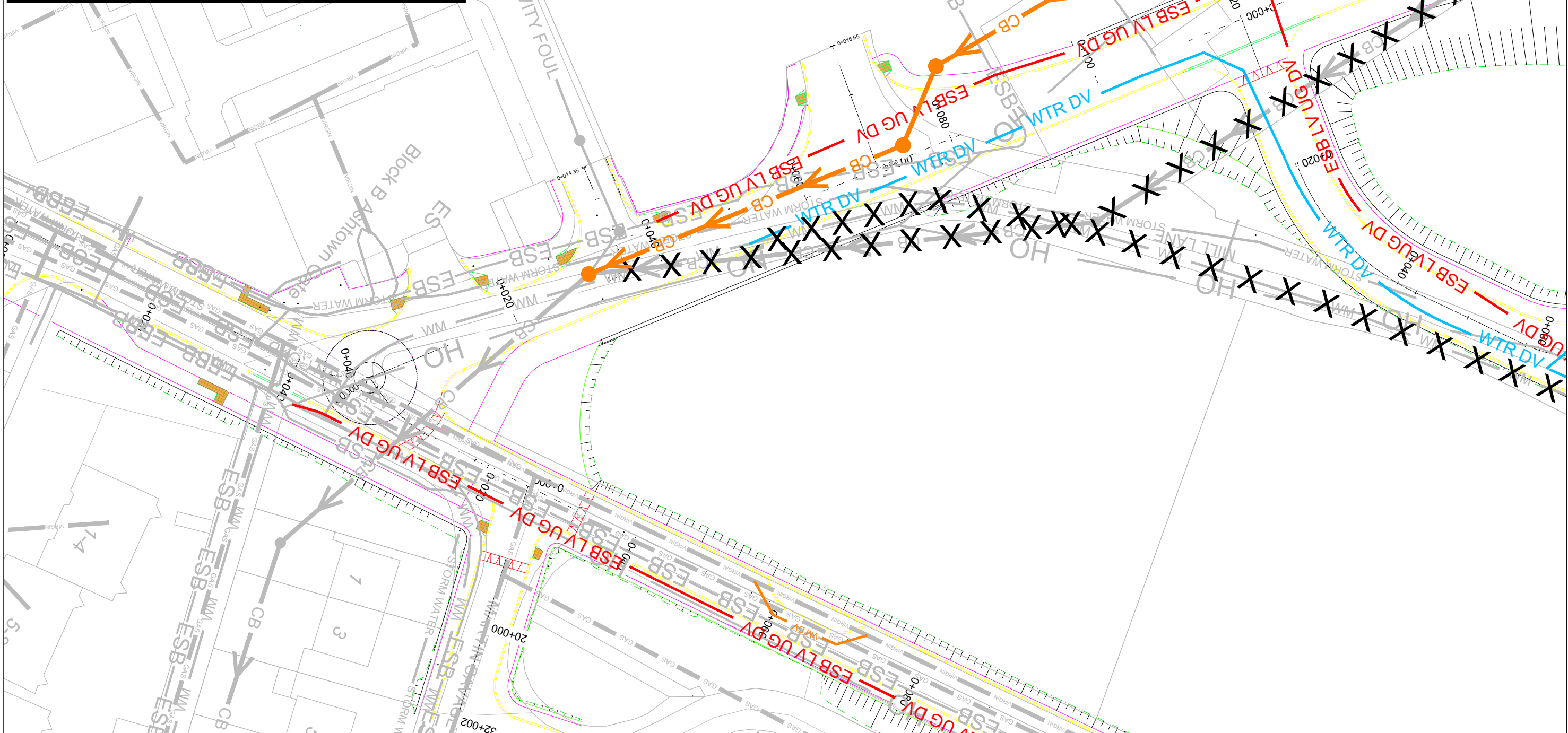
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC UTL RS05 DR Y 0001 D

Date: May 2022 | Job No: P/101086 | Status: F1-Approved & Accepted | Rev: V 01 | Sheet: 02 of 02

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB — Existing ESB - Underground	— PROP. ESB MV — Proposed ESB - MV Underground Diversion	— — Proposed Combined Sewer Diversion
— OH — Existing ESB - Overhead	— PROP. ESB HV — Proposed ESB - HV Overhead Diversion	— — Proposed VIRGIN Diversion
— EIRCOM — Existing EIRCOM	— PROP. ESB MV — Proposed ESB - MV Overhead Diversion	— — Proposed VODAFONE Diversion
— STORM WATER — Existing Storm Water	— PROP. ESB LV — Proposed ESB - LV Overhead Diversion	— — Proposed AURORA Diversion
— GAS — Existing Gas Network	— — Proposed ESB - LV Underground Diversion	— — Proposed EU Network Diversion
— GRAVITY FOUL — Existing IW-Gravity	— — Proposed ESB - HV Underground Diversion	— — Proposed GAS LP Diversion
— VIRGIN — Existing Virgin	— — Proposed IW- WATER Main Diversion	— — Proposed GAS MP Diversion
— VODAFONE — Existing Vodafone	— — Proposed IW-GRAVITY FOUL Diversion	— — Proposed GAS HP Diversion
— EU Network — Existing EU Network	— — Proposed STORM WATER Diversion	— — Irish Rail Property Boundary
— AURORA — Existing Aurora	— — Proposed EIRCOM Diversion	
— WM — Existing Water Main		
— — Existing Combined Sewer		

NOTE:
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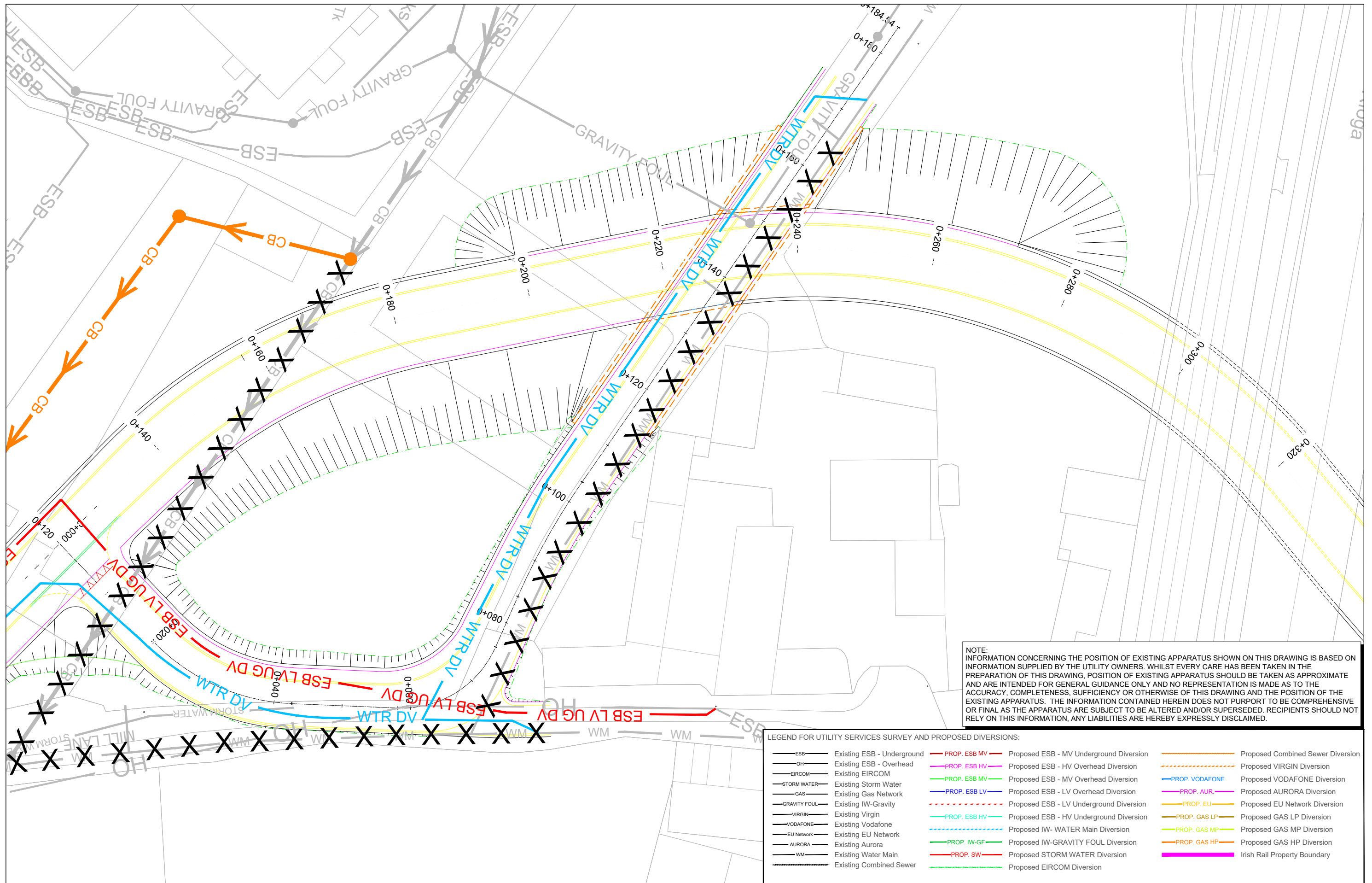
Client	Tionscadal Éireann Project Ireland 2040	NTA Údair Náisiúnta Iompar National Transport Authority	Iarnród Éireann Irish Rail					
Project	DART+ West							
Drawing Title	UTILITY DIVERSIONS - LC01: ASHTOWN ASHTOWN LEVEL CROSSING SHEET 1							
Scale:	1:250 @ A1 1:500 @ A3							
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC01	DR	Y	0101	D	
Date:	Job No:	Status:	Rev:					
Jan 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 04				

Consultant

Client

Project

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Talaght College (TLLO).



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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	—	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	—	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	—	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	—	Proposed AURORA Diversion
— GAS —	Existing Gas Network	—	Proposed ESB - LV Undergound Diversion	—	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	—	Proposed ESB - HV Undergound Diversion	—	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	—	Proposed IW- WATER Main Diversion	—	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	—	Proposed IW-GRAVITY FOUL Diversion	—	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	—	Proposed STORM WATER Diversion	—	Irish Rail Property Boundary
— AURORA —	Existing Aurora	—	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
—	Existing Combined Sewer				

Client	Tionscadal Éireann Project Ireland 2040	NTA	Iarnród Éireann Irish Rail
Project	DART+ West		
Drawing Title	UTILITY DIVERSIONS - LC01: ASHTOWN ASHTOWN LEVEL CROSSING SHEET 2		
Scale:	1:250 @ A1	1:500 @ A3	
Drawing Number	Project	Originator	Discipline
MAY	MDC	UTL	LC01
DR	Y	0102	D
Date:	Jan 2022	Job No:	P/101086
Status:	F1 - Approved & Accepted	Rev:	V 01
Sheet:	02 of 04		

Client

Consultant

IDOM

ROD

Project

DART+ West

Drawing Title

UTILITY DIVERSIONS - LC01: ASHTOWN ASHTOWN LEVEL CROSSING SHEET 2

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC UTL LC01 DR Y 0102 D

Date: Jan 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 02 of 04

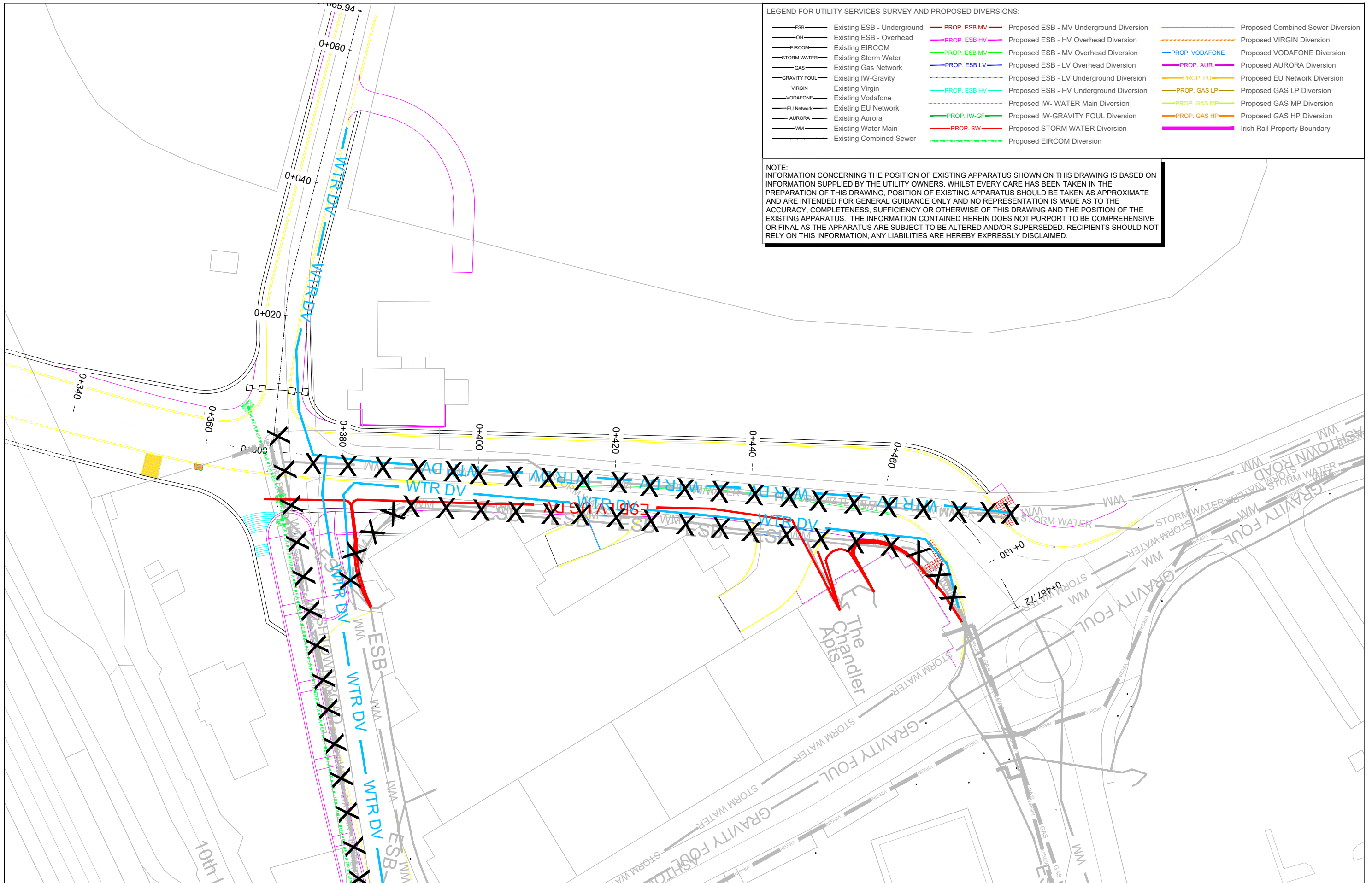
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Survey No. 0029721 (OS Aerial Data or OS Lidar Data) & Survey No. 2021081_NMA_189 (OS Vector Data).

All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean High as defined by existing Project Control.

All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG).



LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

- ESB — Existing ESB - Underground
- OH — Existing ESB - Overhead
- EIRCOM — Existing EIRCOM
- STORM WATER — Existing Storm Water
- GAS — Existing Gas Network
- GRAVITY FOUL — Existing IW-Gravity
- VIRGIN — Existing Virgin
- VODAFONE — Existing Vodafone
- EU Network — Existing EU Network
- AURORA — Existing Aurora
- WM — Existing Water Main
- — Existing Combined Sewer
- PROP. ESB MV — Proposed ESB - MV Underground Diversion
- PROP. ESB HV — Proposed ESB - HV Overhead Diversion
- PROP. ESB MV — Proposed ESB - MV Overhead Diversion
- PROP. ESB LV — Proposed ESB - LV Overhead Diversion
- — Proposed ESB - LV Underground Diversion
- PROP. ESB HV — Proposed ESB - HV Underground Diversion
- — Proposed IW- WATER Main Diversion
- PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion
- PROP. SW — Proposed STORM WATER Diversion
- — Proposed EIRCOM Diversion
- — Proposed Combined Sewer Diversion
- — Proposed VIRGIN Diversion
- PROP. VODAFONE — Proposed VODAFONE Diversion
- PROP. AUR — Proposed AURORA Diversion
- PROP. EU — Proposed EU Network Diversion
- PROP. GAS LP — Proposed GAS LP Diversion
- PROP. GAS MP — Proposed GAS MP Diversion
- PROP. GAS HP — Proposed GAS HP Diversion
- — Irish Rail Property Boundary

NOTE:
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ASHTOWN LEVEL CROSSING		Client	
V 01	APR 2022	PLANNING ISSUE	JMC TL MK
REV.	DATE	DESCRIPTION	PRODUCED BY/REVIEWED BY/APPROVED BY
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Consultant

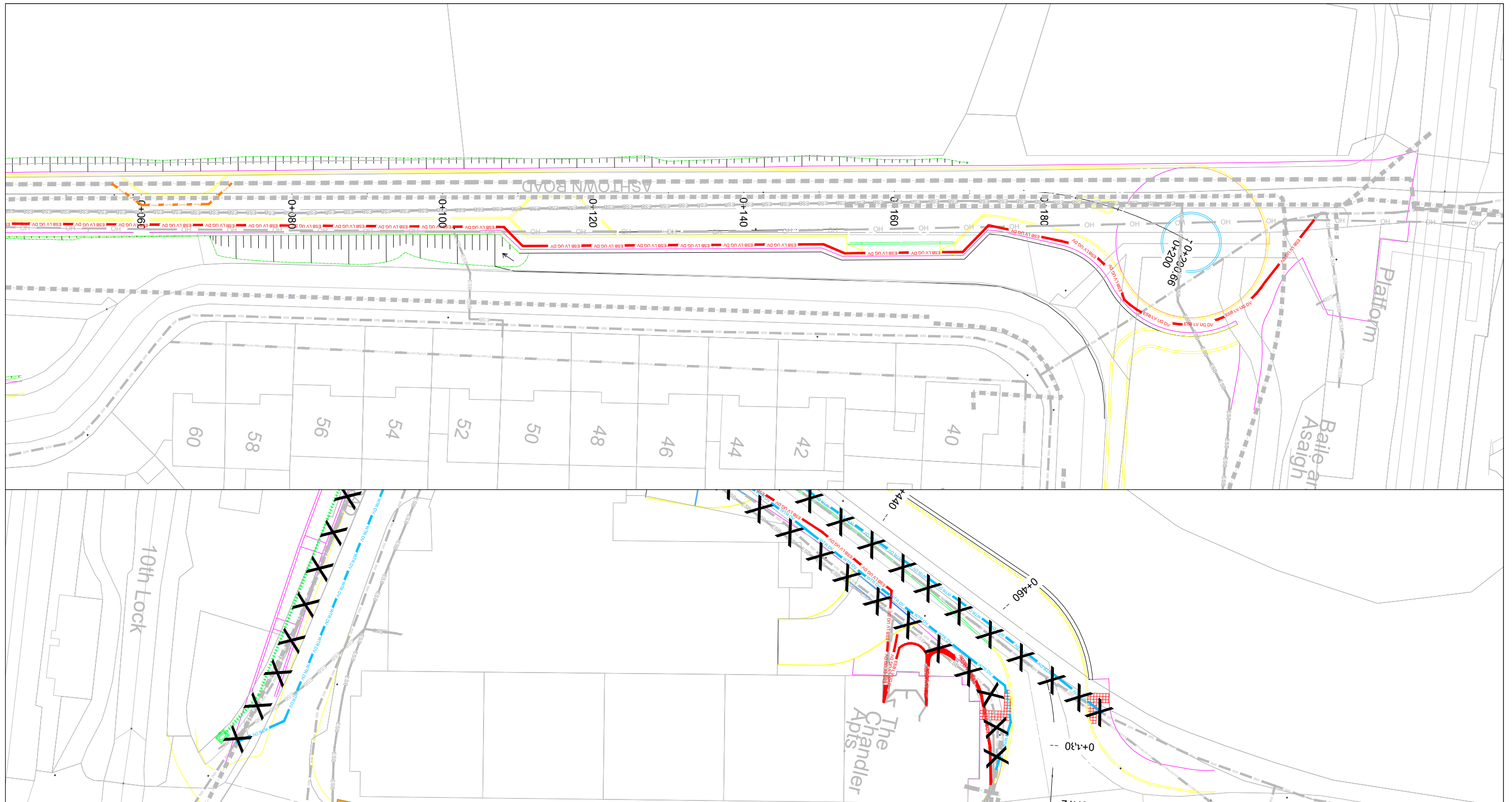
Project

Drawing Title: UTILITY DIVERSIONS - LC01: ASHTOWN ASHTOWN LEVEL CROSSING SHEET 3

Scale: 1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL LC01 DR Y 0103 D

Date: Jan 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 03 of 04



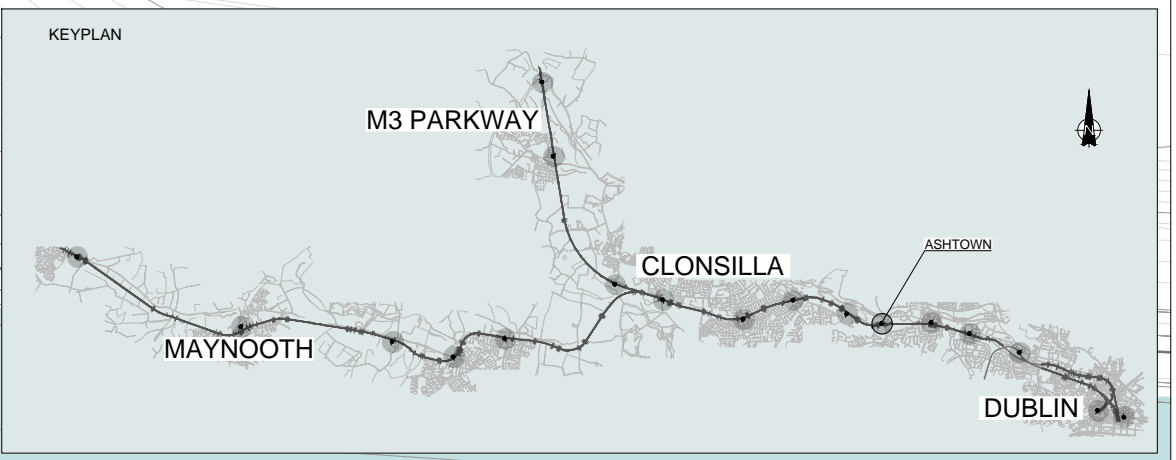
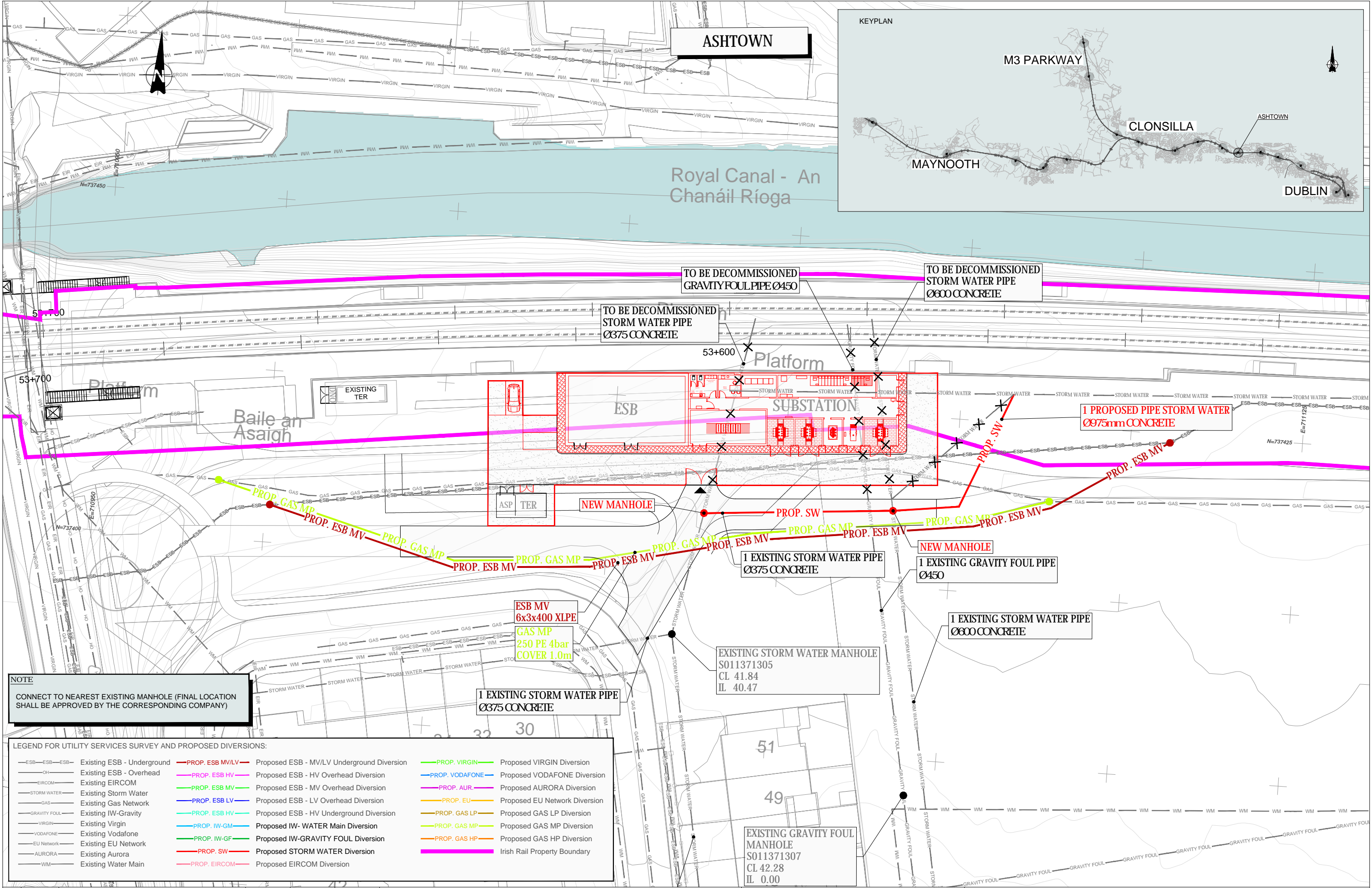
NOTE:
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— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— —	Proposed VODAFONE Diversion
— GAS —	Existing Gas Network	— PROP. ESB LV —	Proposed ESB - LV Underground Diversion	— —	Proposed AURORA Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	— —	Proposed EU Network Diversion
— VIRGIN —	Existing Virgin	— PROP. IW-WATER —	Proposed IW- WATER Main Diversion	— —	Proposed GAS LP Diversion
— VODAFONE —	Existing Vodafone	— PROP. IW-GRAVITY FOUL —	Proposed IW-GRAVITY FOUL Diversion	— —	Proposed GAS MP Diversion
— EU Network —	Existing EU Network	— PROP. SW —	Proposed STORM WATER Diversion	— —	Proposed GAS HP Diversion
— AURORA —	Existing Aurora	— —	Proposed EIRCOM Diversion	— —	Irish Rail Property Boundary
— WM —	Existing Water Main				
— —	Existing Combined Sewer				

Client								
Consultant								
Project								
Drawing Title	UTILITY DIVERSIONS - LC01: ASHTOWN ASHTOWN LEVEL CROSSING SHEET 4							
Scale:	1:250 @ A1 1:500 @ A3							
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC01	DR	Y	0104	D	
Date:	Jan 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet: 04 of 04

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NOTE
CONNECT TO NEAREST EXISTING MANHOLE (FINAL LOCATION SHALL BE APPROVED BY THE CORRESPONDING COMPANY)

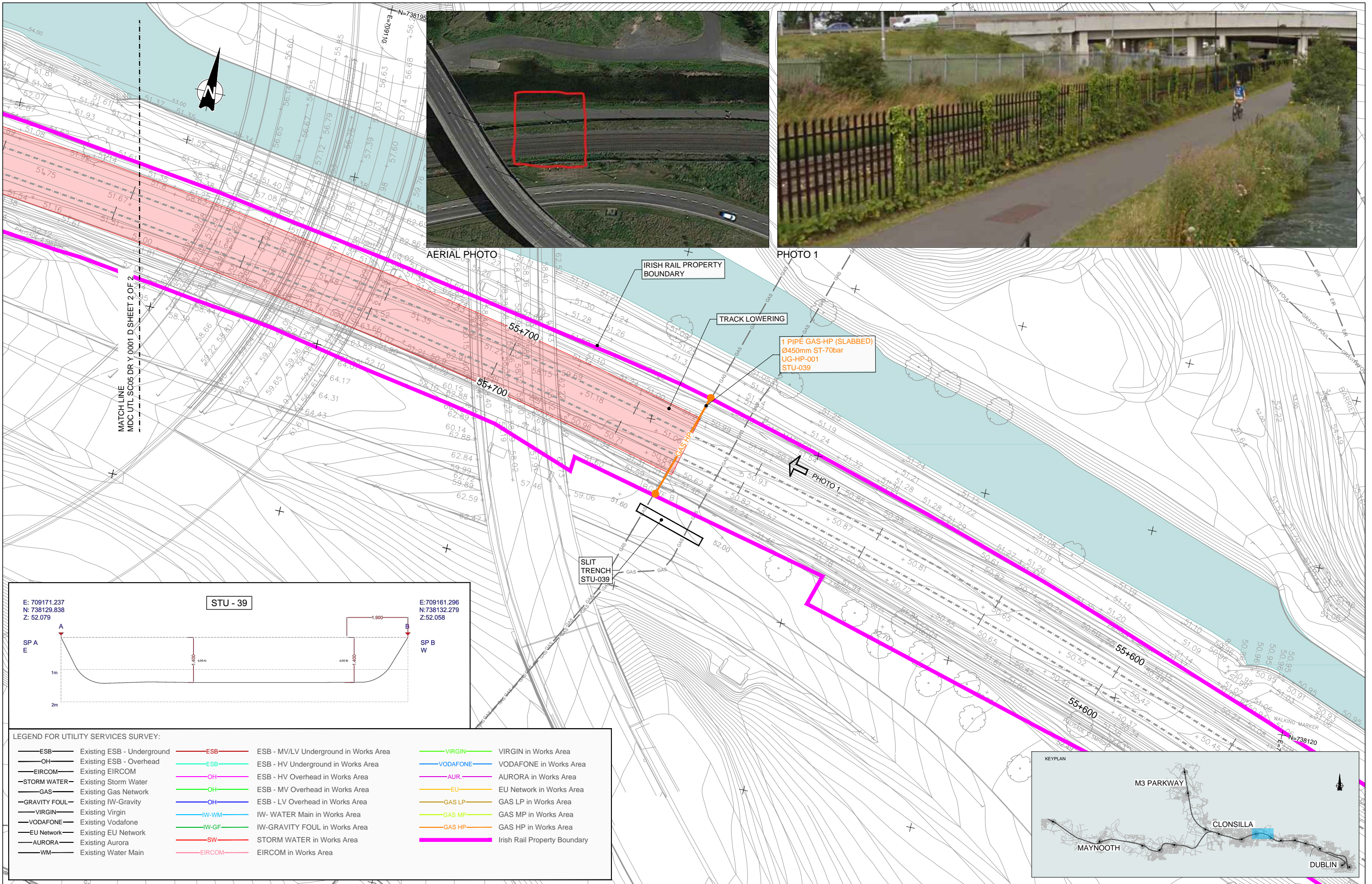
LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

—ESB—ESB—ESB— Existing ESB - Underground	—PROP. ESB MV/LV— Proposed ESB - MV/LV Underground Diversion	—PROP. VIRGIN— Proposed VIRGIN Diversion
—OH— Existing ESB - Overhead	—PROP. ESB HV— Proposed ESB - HV Overhead Diversion	—PROP. VODAFONE— Proposed VODAFONE Diversion
—EIRCOM— Existing EIRCOM	—PROP. ESB MV— Proposed ESB - MV Overhead Diversion	—PROP. AUR— Proposed AURORA Diversion
—STORM WATER— Existing Storm Water	—PROP. ESB LV— Proposed ESB - LV Overhead Diversion	—PROP. EU— Proposed EU Network Diversion
—GAS— Existing Gas Network	—PROP. ESB HV— Proposed ESB - HV Underground Diversion	—PROP. GAS LP— Proposed GAS LP Diversion
—GRAVITY FOUL— Existing IW-Gravity	—PROP. IW-GM— Proposed IW- WATER Main Diversion	—PROP. GAS MP— Proposed GAS MP Diversion
—VIRGIN— Existing Virgin	—PROP. IW-GF— Proposed IW-GRAVITY FOUL Diversion	—PROP. GAS HP— Proposed GAS HP Diversion
—VODAFONE— Existing Vodafone	—PROP. SW— Proposed STORM WATER Diversion	—Irish Rail Property Boundary— Irish Rail Property Boundary
—EU Network— Existing EU Network	—PROP. EIRCOM— Proposed EIRCOM Diversion	
—AURORA— Existing Aurora		
—WM— Existing Water Main		

Client	Tionscald Éireann Project Ireland 2040		
Consultant	IDOM	G3	IRIOD
Project	DART+ West		
Drawing Title	UTILITIES DIVERSION ASHTOWN SUBSTATION		
Scale:	1:250 @ A1		
Drawing Number	Project	Originator	Discipline
May 2022	MAY MDC	UTL	RS07 DR Y
Date	Job No:	Status:	Rev:
May 2022	P/101086	F1-Approved&Accepted	V 01
REV.	DATE	DESCRIPTION	PRODUCED BY
V 01	May 2022	Planning Issue	JHC
			LA
			CCH

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Scale:	0	3.125	6.25	12.5				
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY MDC	UTL	RS07	DR	Y	0001	D	
Date:	Job No:	Status:	Rev:	Sheet				
May 2022	P/101086	F1-Approved&Accepted	V 01	01 of 01				



V 01	May 2022	Planning Issue	JHC	LA	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client: **Thionscald Eireann Project Ireland 2040**, **NTA**, **Iarnród Eireann Irish Rail**

Consultant: **IDOM**, **C3**, **FIROD**

Project: **DART+ West**

Drawing Title: **UTILITIES DIVERSIONS OBG-7A TRACK LOWERING**

Scale: 1:250 @ A1

Drawing Number: **MAY MDC UTL SC05 DR Y 0001 D**

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 02

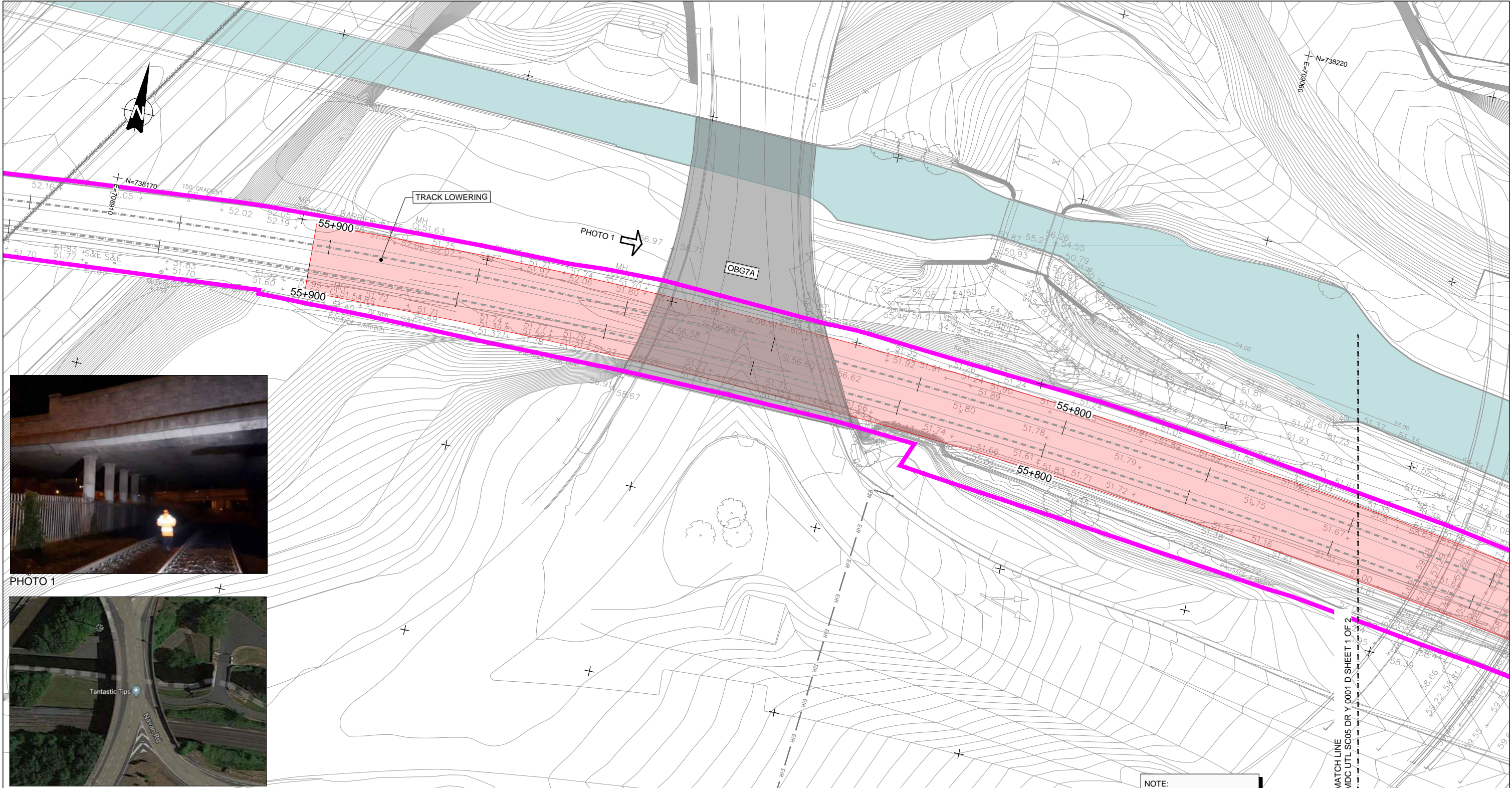


PHOTO 1

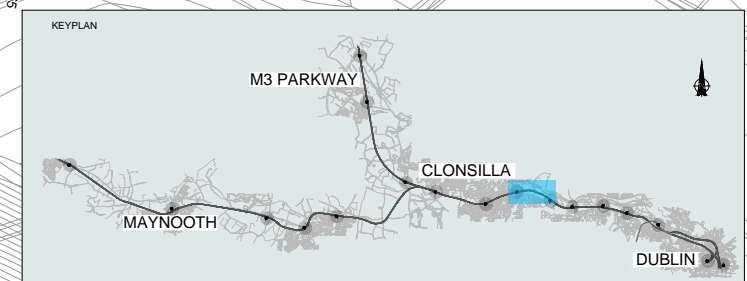


AERIAL PHOTO

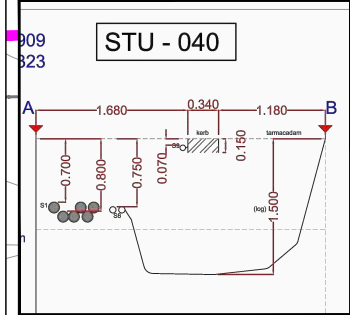
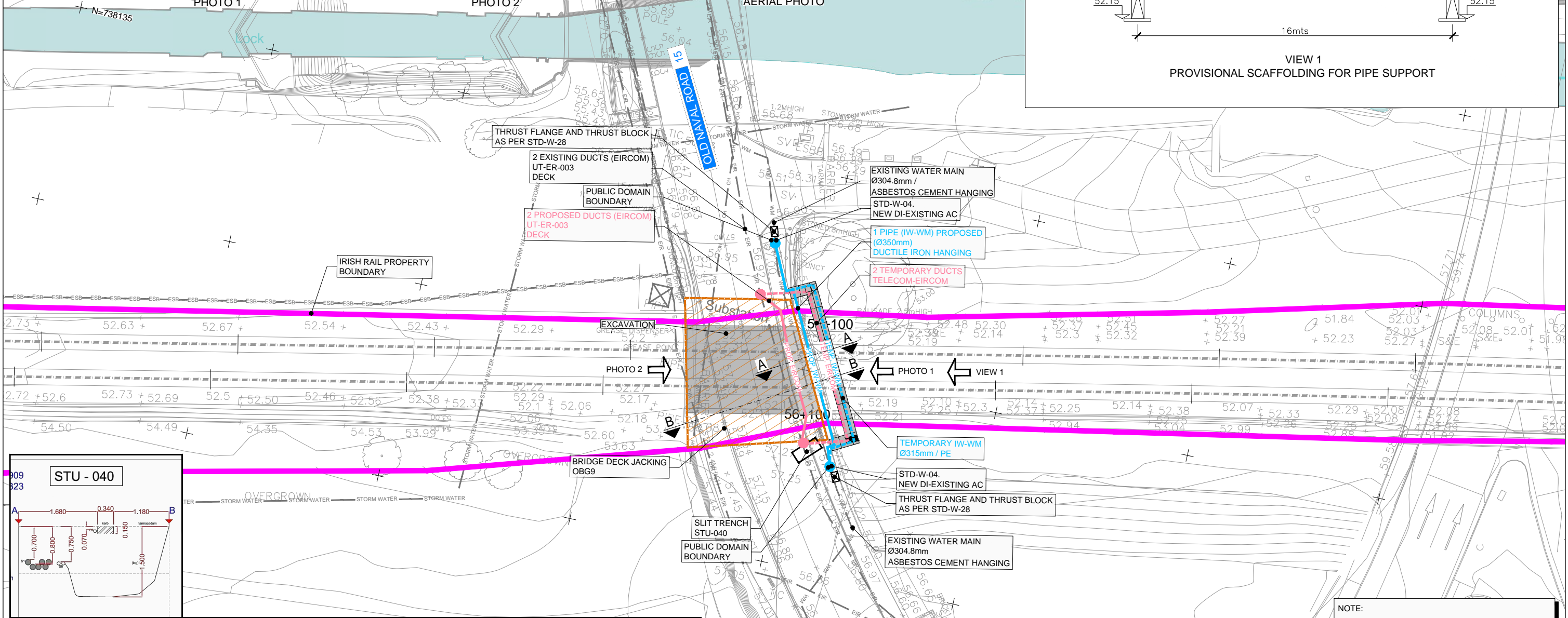
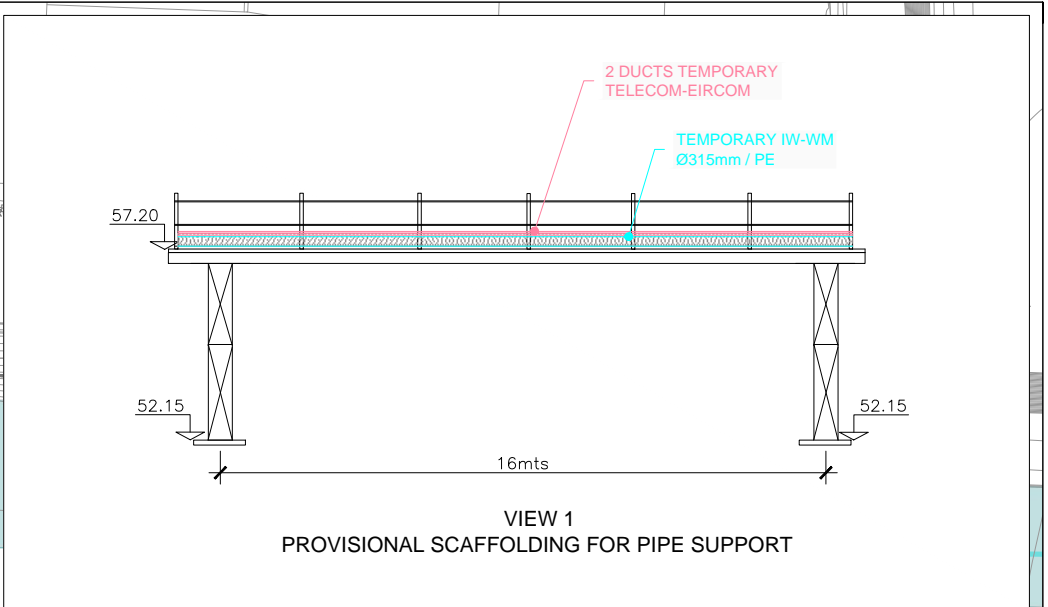
LEGEND FOR UTILITY SERVICES SURVEY:

— ESB —	Existing ESB - Underground	— ESB —	ESB - MV/LV Underground in Works Area	— VIRGIN —	VIRGIN in Works Area
— OH —	Existing ESB - Overhead	— ESB —	ESB - HV Underground in Works Area	— VODAFONE —	VODAFONE in Works Area
— EIRCOM —	Existing EIRCOM	— OH —	ESB - HV Overhead in Works Area	— AUR —	AURORA in Works Area
— STORM WATER —	Existing Storm Water	— OH —	ESB - MV Overhead in Works Area	— EU —	EU Network in Works Area
— GAS —	Existing Gas Network	— OH —	ESB - LV Overhead in Works Area	— GAS LP —	GAS LP in Works Area
— GRAVITY FOUL —	Existing IW-Gravity	— IW-WM —	IW- WATER Main in Works Area	— GAS MP —	GAS MP in Works Area
— VIRGIN —	Existing Virgin	— IW-GF —	IW-GRAVITY FOUL in Works Area	— GAS HP —	GAS HP in Works Area
— VODAFONE —	Existing Vodafone	— SW —	STORM WATER in Works Area	— EIRCOM —	EIRCOM in Works Area
— EU Network —	Existing EU Network				
— AURORA —	Existing Aurora				
— WM —	Existing Water Main				

NOTE:
NO UTILITIES DIVERSION



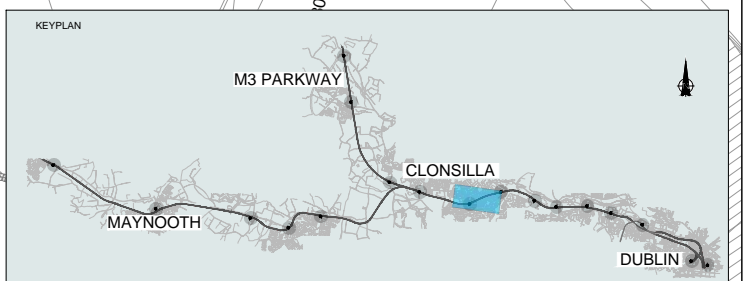
V 01 May 2022 Planning Issue REV. DATE DESCRIPTION JHC LA CCH PRODUCED BY REVIEWED BY APPROVED BY			Client 	Project 	Drawing Title UTILITIES DIVERSIONS OBG-7A TRACK LOWERING
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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

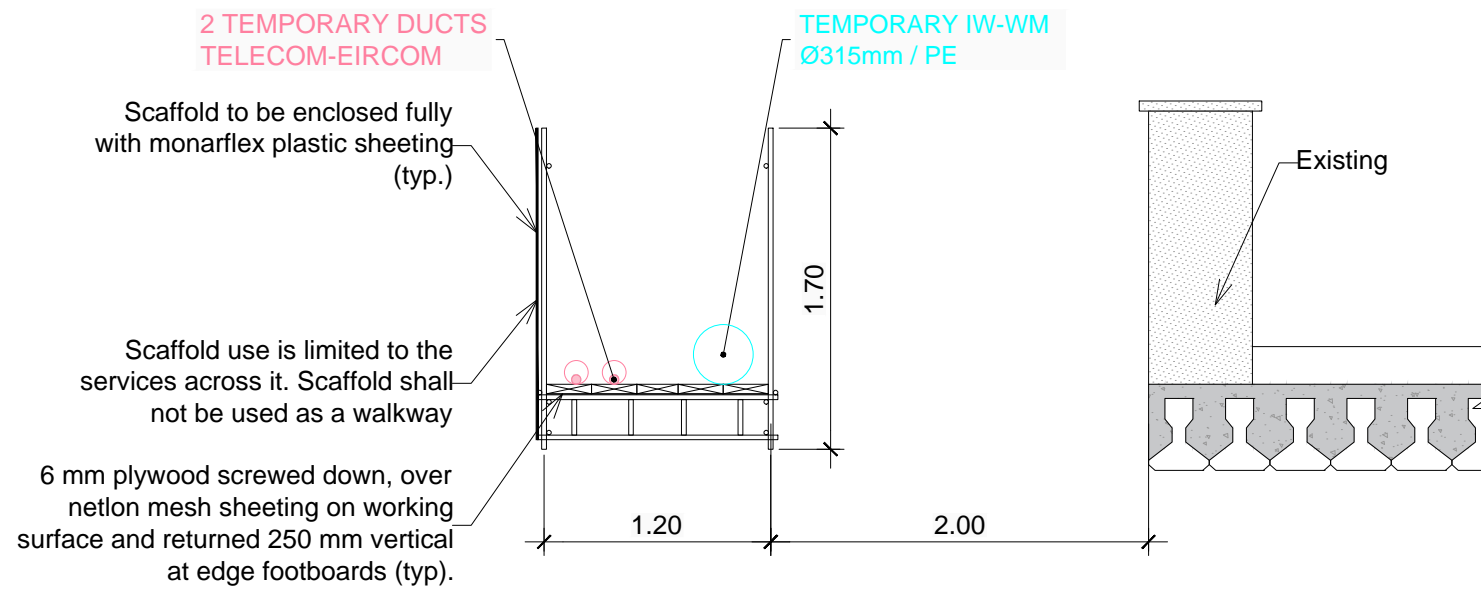
— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— PROP. VIRGIN —	Proposed VIRGIN Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— PROP. VODAFONE —	Proposed VODAFONE Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— PROP. AUR —	Proposed AURORA Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— PROP. EU —	Proposed EU Network Diversion
— GAS —	Existing Gas Network	— PROP. ESB HV —	Proposed ESB - HV Undergroud Diversion	— PROP. GAS LP —	Proposed GAS LP Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. IW-WM —	Proposed IW- WATER Main Diversion	— PROP. GAS MP —	Proposed GAS MP Diversion
— VIRGIN —	Existing Virgin	— PROP. IW-GF —	Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP —	Proposed GAS HP Diversion
— VODAFONE —	Existing Vodafone	— PROP. SW —	Proposed STORM WATER Diversion	—	—
— EU Network —	Existing EU Network	—	—	—	—
— AURORA —	Existing Aurora	—	—	—	—
— WM —	Existing Water Main	—	—	—	—

NOTE:
FINAL LOCATION FOR THE CONNECTION SHALL BE APPROVED BY THE CORRESPONDING COMPANY

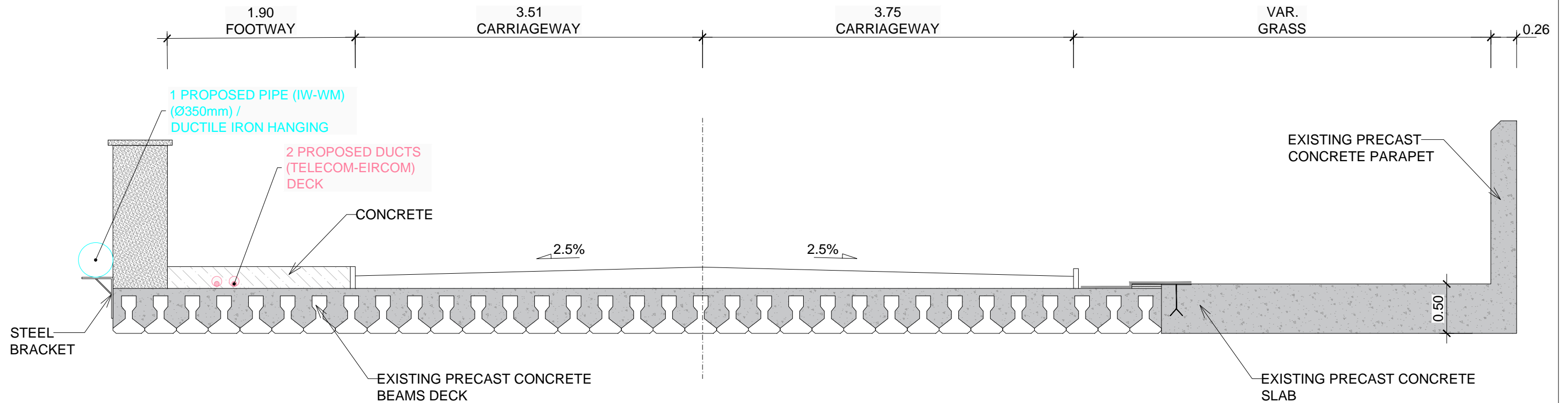


Client Tionscald Eireann Project Ireland 2040 NTA Iarnród Eireann Irish Rail			Project DART+ West			Drawing Title UTILITIES DIVERSIONS OBG-9 BRIDGE DECK RECONSTRUCTION		
Consultant IDOM G3 IROD			Scale: 1:200 @ A1 0 1.25 2.5 5 10			Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC UTL RS08 DR Y 0001 D		
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SECTION A-A



SECTION B-B



REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V 01	May 2022	Planning Issue	JHC	LA	CCH

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG0).

Client

Consultant

Project

Drawing Title

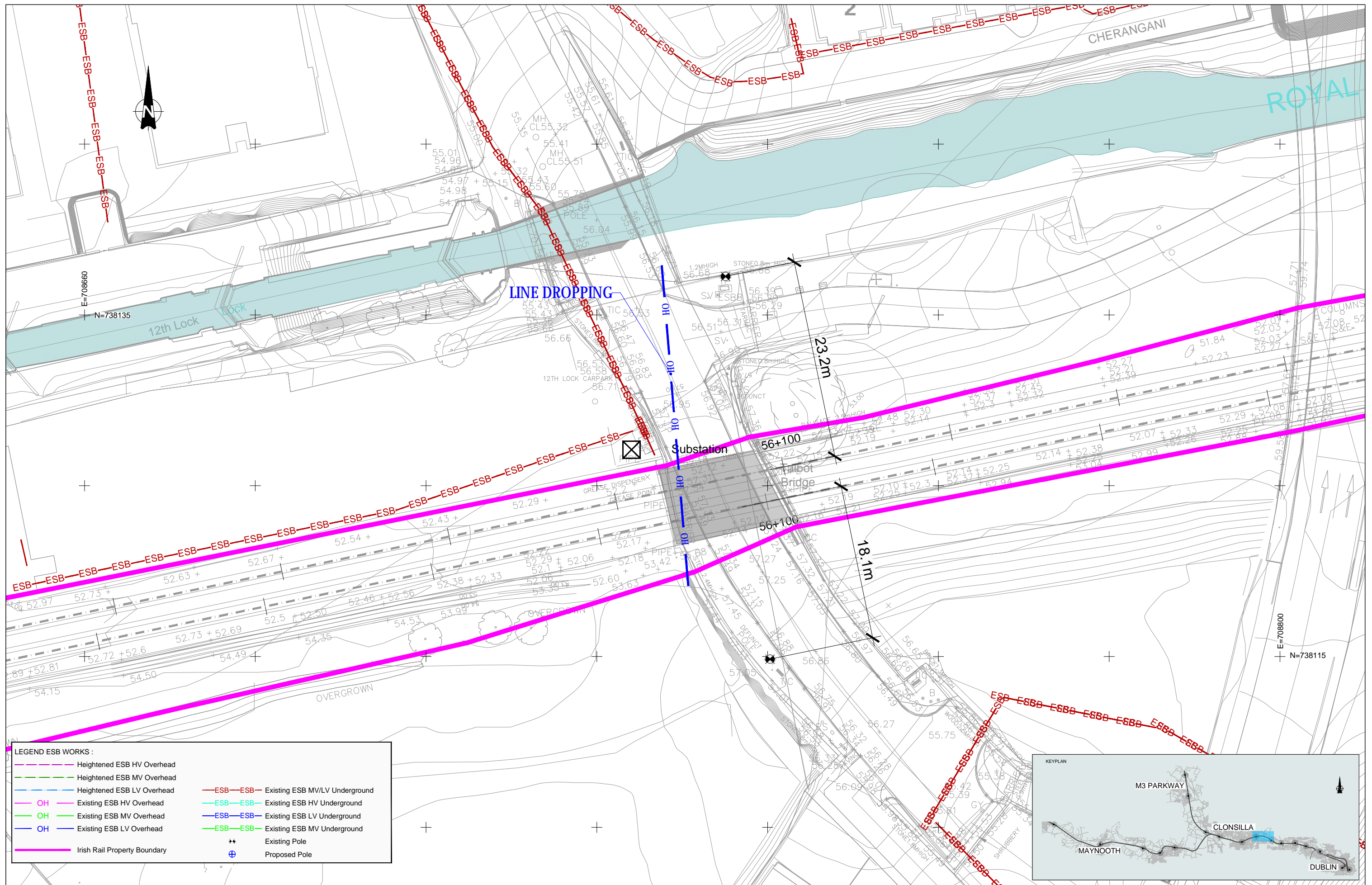
UTILITIES DIVERSIONS
OBG-9
SECTIONS

Scale: 1:20 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

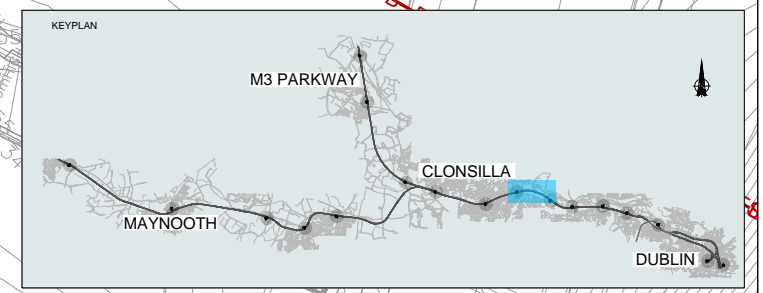
MAY MDC UTL RS08 DR Y 0001 D

Date: May 2022 | Job No: P/101086 | Status: F1-Approved & Accepted | Rev: V 01 | Sheet: 02 of 02



LEGEND ESB WORKS :

	Heightened ESB HV Overhead		Existing ESB MV/LV Underground
	Heightened ESB MV Overhead		Existing ESB HV Underground
	Heightened ESB LV Overhead		Existing ESB LV Underground
	OH Existing ESB HV Overhead		Existing ESB MV Underground
	OH Existing ESB MV Overhead		Existing ESB LV Underground
	OH Existing ESB LV Overhead		Existing Pole
	Irish Rail Property Boundary		Proposed Pole



V 01	May 2022	Planning Issue	JHC	LA	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client

Consultant

Project

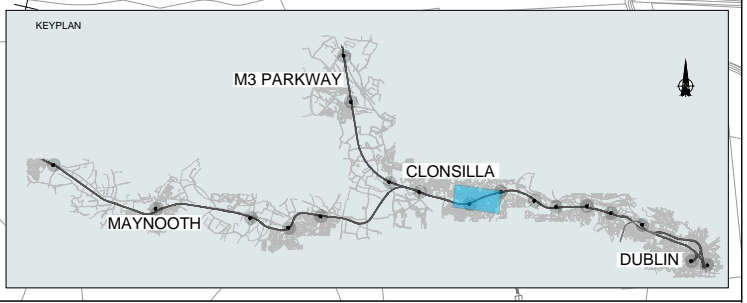
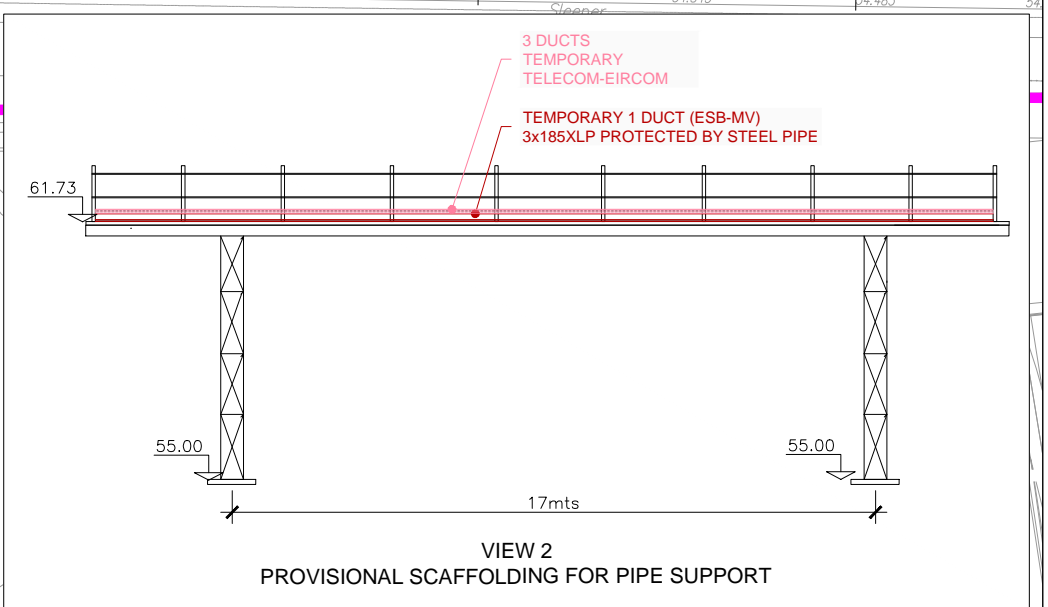
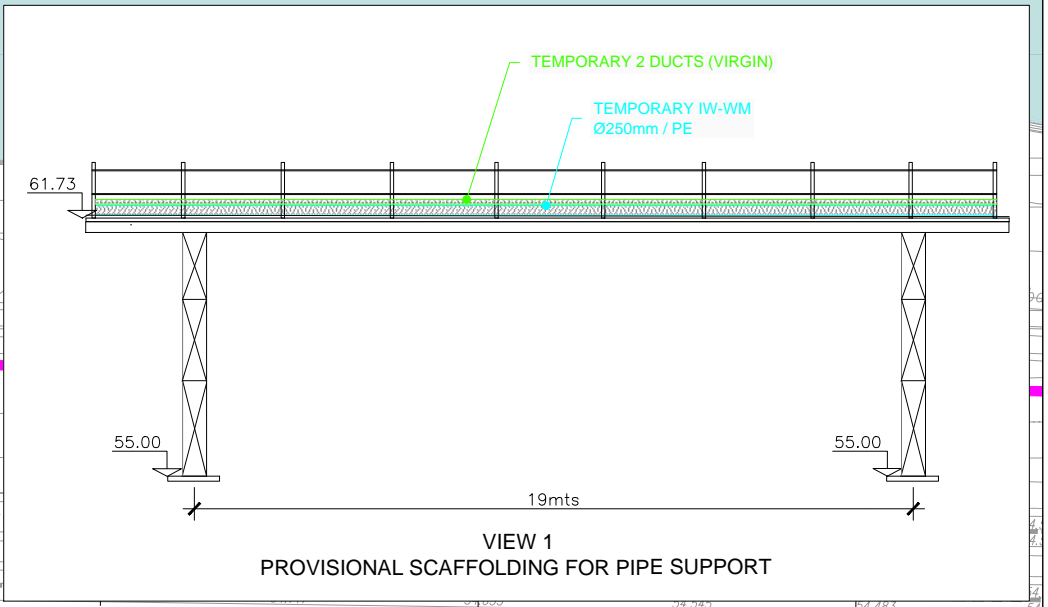
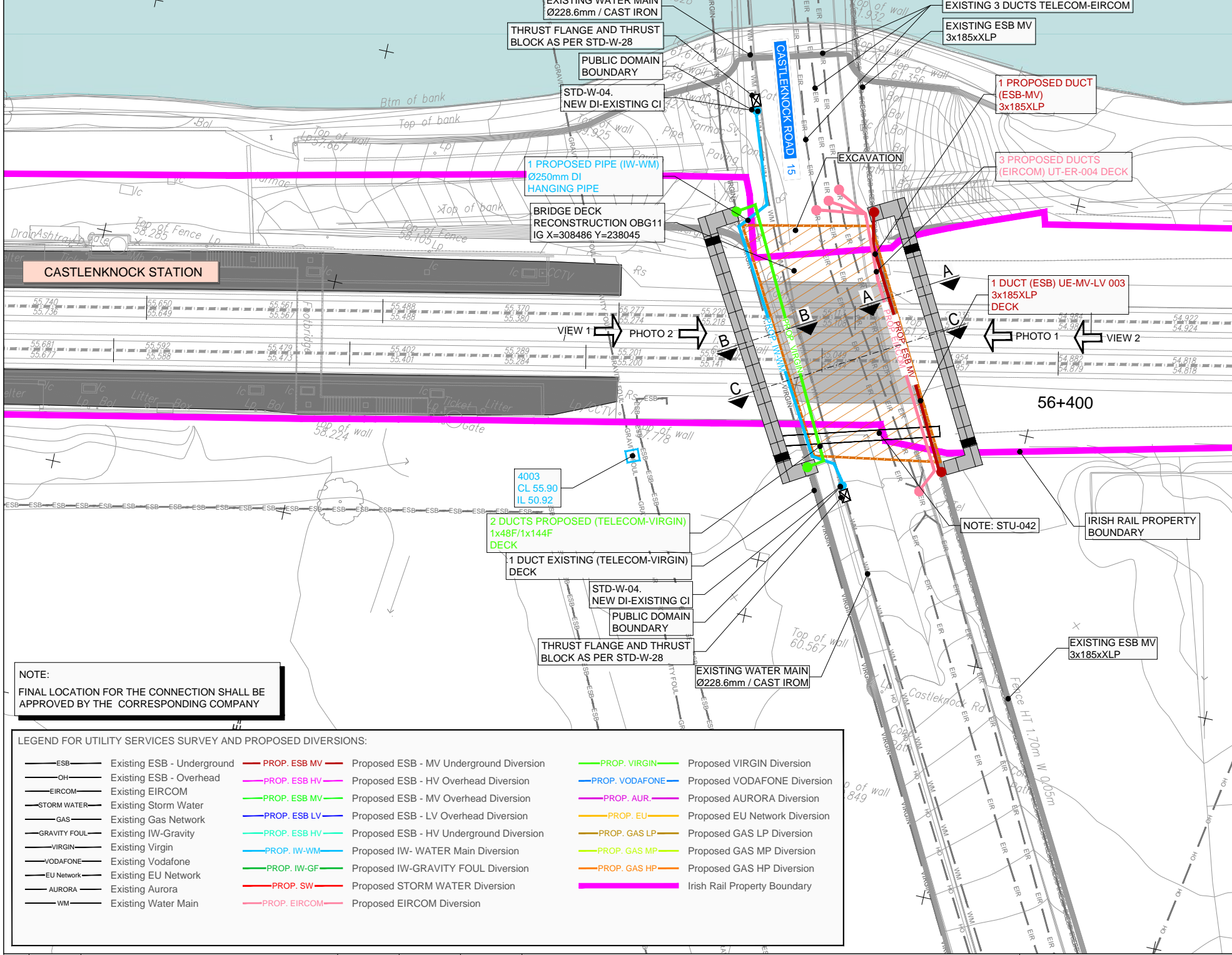
Drawing Title

UTILITIES DIVERSIONS
 TALBOT BRIDGE - OLD NAVAN ROAD
 MEDIUM & LOW VOLTAGE LAYOUT PLAN

Scale: 1:200 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL RS08 DR Y 0220 D

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 01



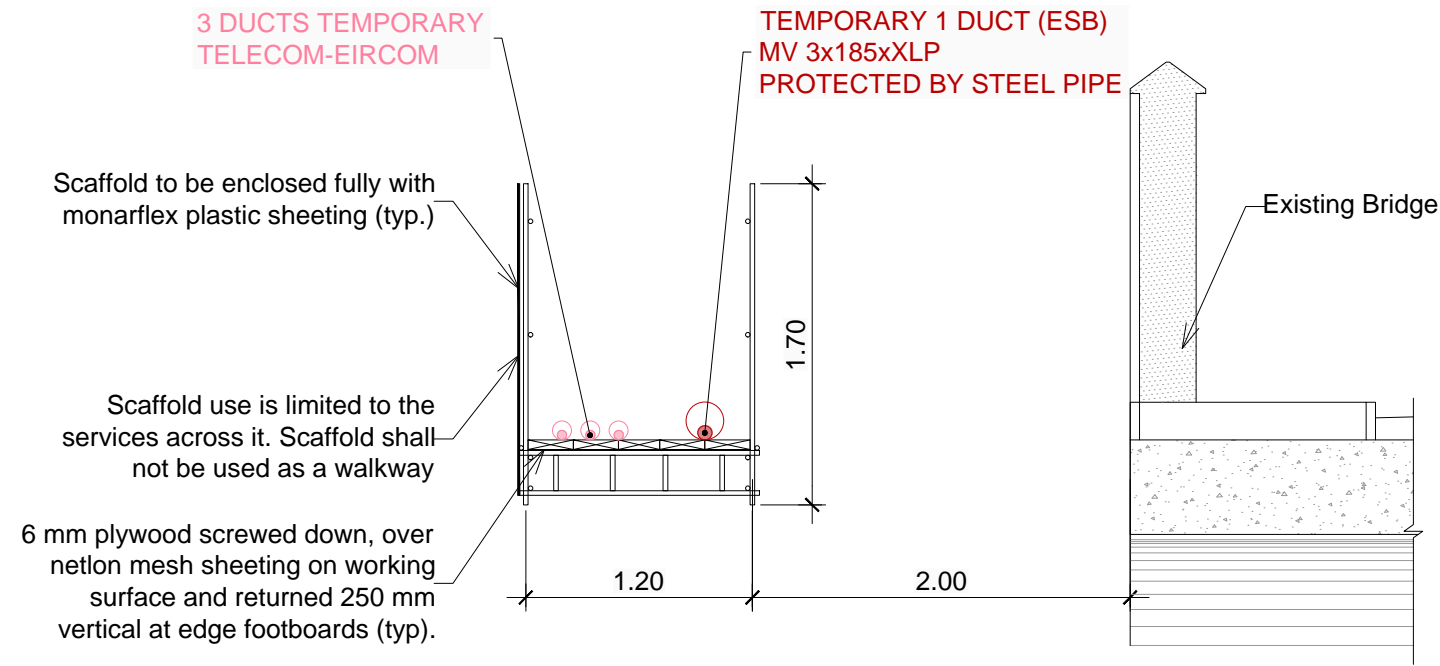
NOTE:
FINAL LOCATION FOR THE CONNECTION SHALL BE APPROVED BY THE CORRESPONDING COMPANY

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

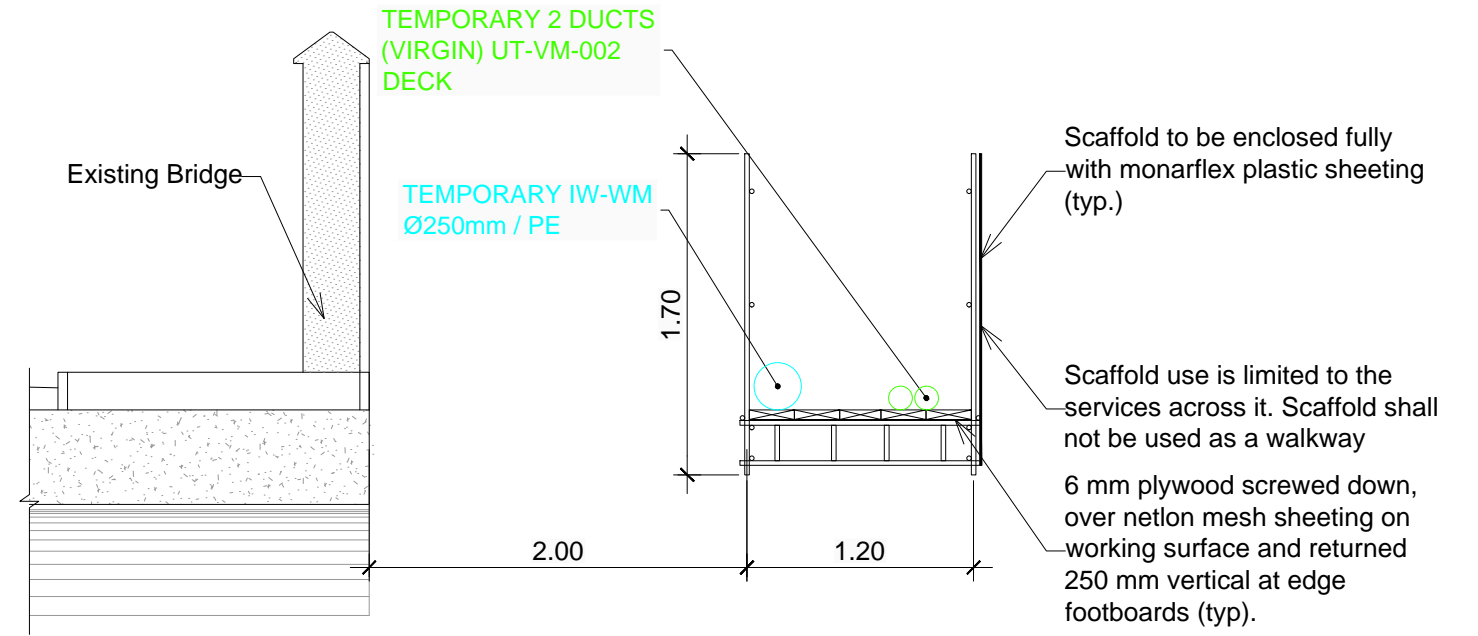
— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— PROP. VIRGIN —	Proposed VIRGIN Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— PROP. VODAFONE —	Proposed VODAFONE Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— PROP. AUR —	Proposed AURORA Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— PROP. EU —	Proposed EU Network Diversion
— GAS —	Existing Gas Network	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	— PROP. GAS LP —	Proposed GAS LP Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. IW-WM —	Proposed IW- WATER Main Diversion	— PROP. GAS MP —	Proposed GAS MP Diversion
— VIRGIN —	Existing Virgin	— PROP. IW-GF —	Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP —	Proposed GAS HP Diversion
— VODAFONE —	Existing Vodafone	— PROP. SW —	Proposed STORM WATER Diversion	—	—
— EU Network —	Existing EU Network	—	—	—	—
— AURORA —	Existing Aurora	—	—	—	—
— WM —	Existing Water Main	—	—	—	—

Client		Project		Drawing Title	
				UTILITIES DIVERSIONS OBG-11 BRIDGE DECK RECONSTRUCTION	
Consultant				Scale: 1:200 @ A1 	
V 01 May 2022 Planning Issue REV. DATE DESCRIPTION		JHC LA CCH PRODUCED BY REVIEWED BY APPROVED BY		Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC UTL RS09 DR Y 0001 D	
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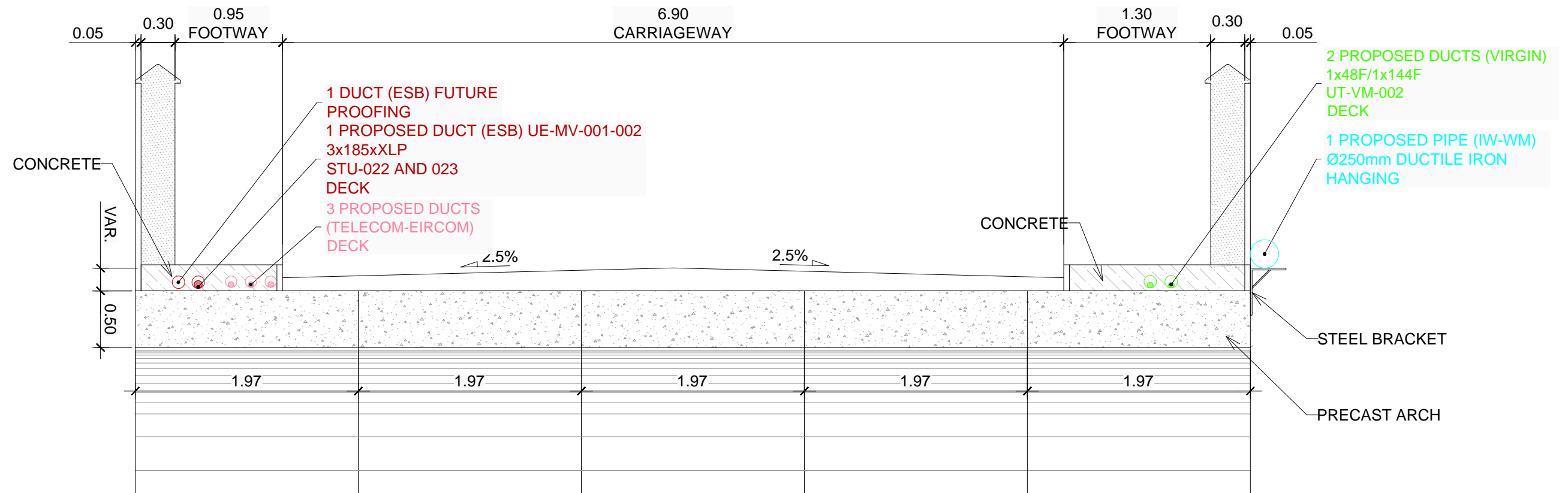
SECTION A-A



SECTION B-B



SECTION C-C



REV.	DATE	DESCRIPTION	JHC	LA	CCH
V 01	May 2022	Planning Issue			
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All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control.			All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG0).		

Client

Tionscadal Éireann Project Ireland 2040

NTA Údarás Náisiúnta Comair

Iarnród Éireann Irish Rail

Consultant

IDOM

G3

FIROD

Project

DART+ West

Drawing Title

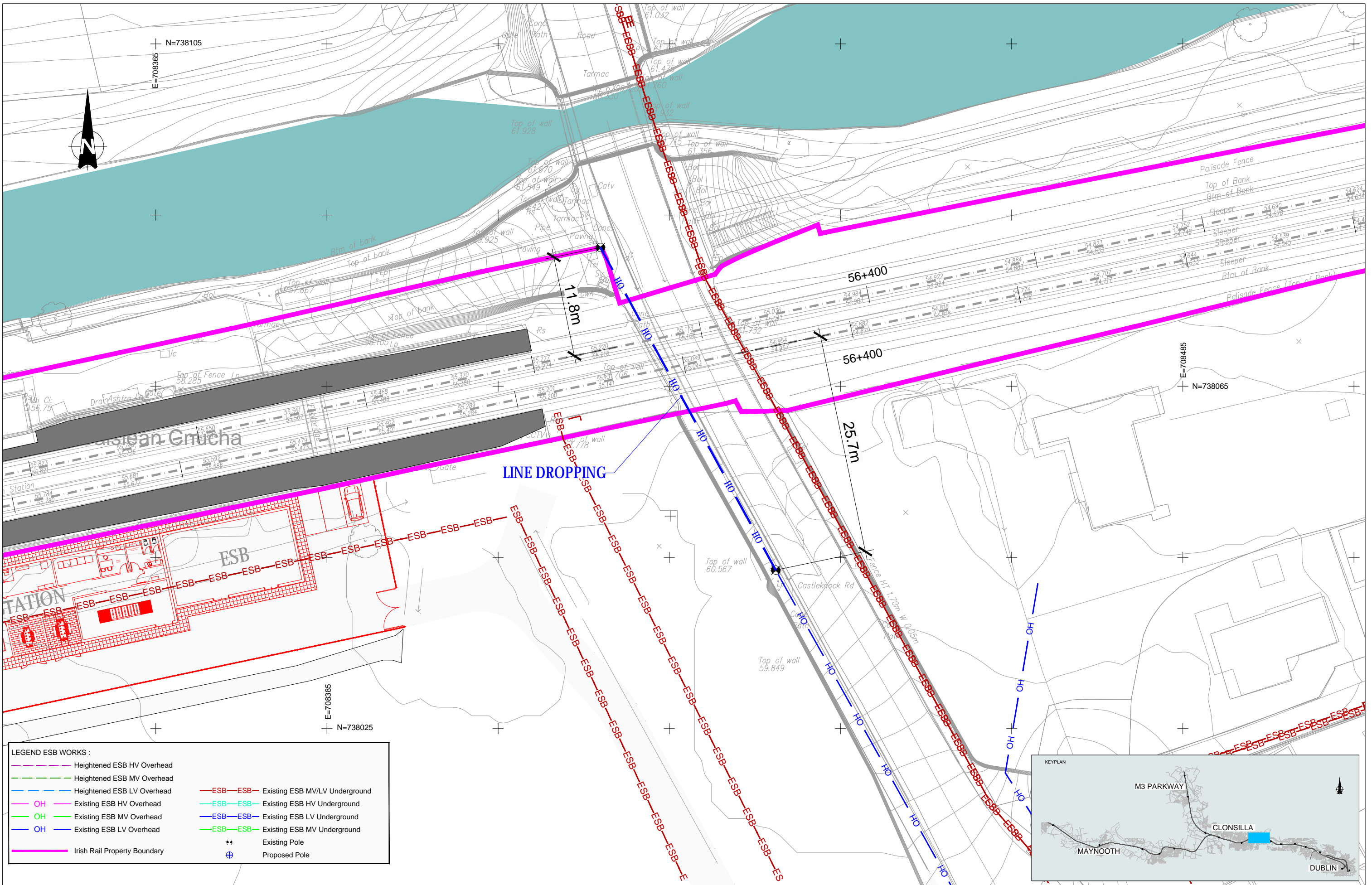
UTILITIES DIVERSIONS OBG-11 SECTIONS

Scale: 1:20 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC UTL RS09 DR Y 0001 D

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 02 of 02



LEGEND ESB WORKS :

	Heightened ESB HV Overhead		Existing ESB MV/LV Underground
	Heightened ESB MV Overhead		Existing ESB HV Underground
	Heightened ESB LV Overhead		Existing ESB LV Underground
	Existing ESB HV Overhead		Existing ESB MV Underground
	Existing ESB MV Overhead		Existing ESB LV Underground
	Existing ESB LV Overhead		Existing ESB MV Underground
	Irish Rail Property Boundary		Existing Pole
			Proposed Pole



V 01	May 2022	Planning Issue	JHC	LA	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client

Thionscadal Éireann Project Ireland 2040

NTA

Iarnród Éireann Irish Rail

Consultant

IDOM

G3

PROD

Project

DART+ West

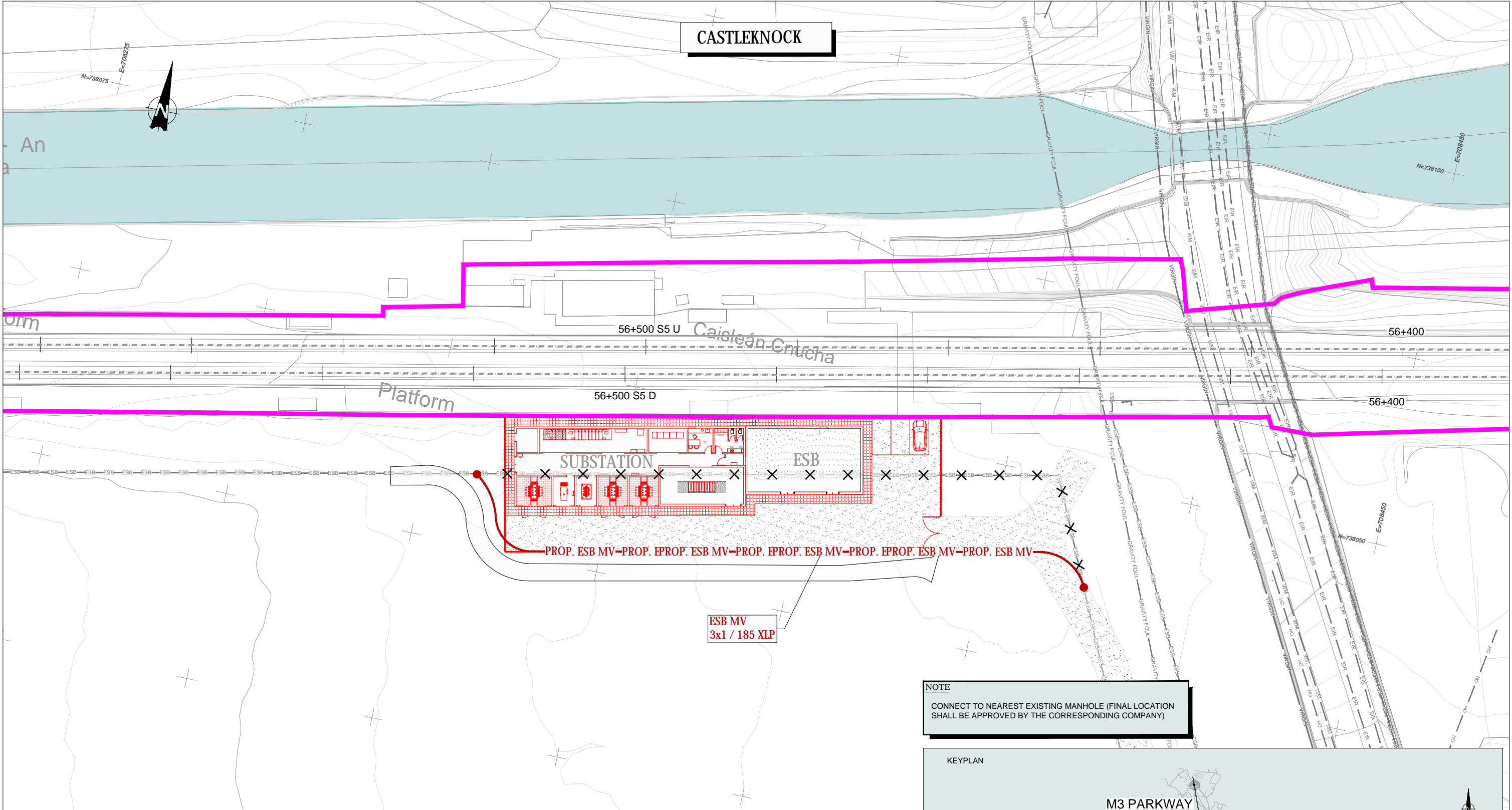
Drawing Title

UTILITIES DIVERSIONS
 GRANARD BRIDGE - CASTLEKNOCK ROAD
 MEDIUM & LOW VOLTAGE LAYOUT PLAN

Scale: 1:200 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL RS09 DR Y 0230 D

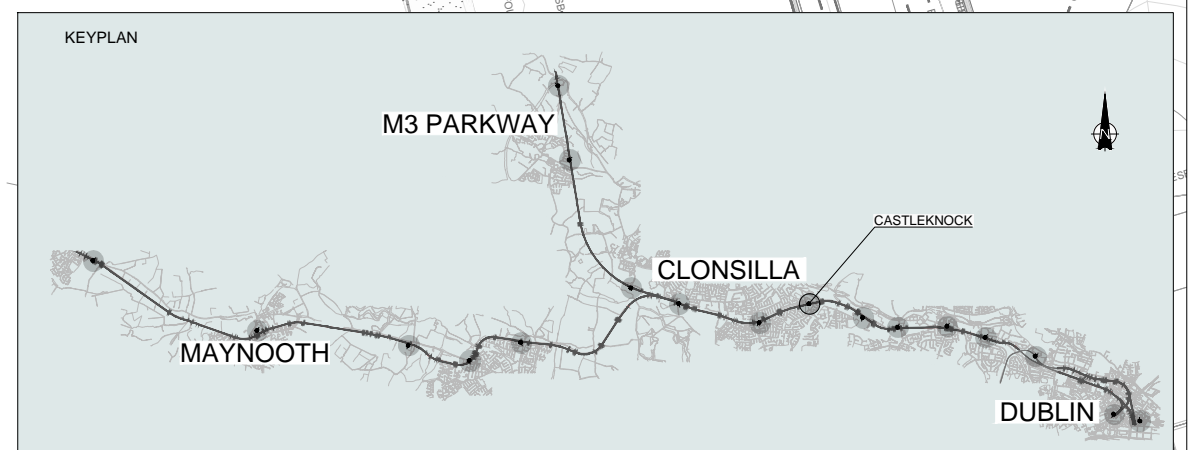
Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 01



LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

—ESB—ESB—ESB—	Existing ESB - Underground	—PROP. ESB MV/LV—	Proposed ESB - MV/LV Underground Diversion	—PROP. VIRGIN—	Proposed VIRGIN Diversion
—OH—	Existing ESB - Overhead	—PROP. ESB HV—	Proposed ESB - HV Overhead Diversion	—PROP. VODAFONE—	Proposed VODAFONE Diversion
—EIRCOM—	Existing EIRCOM	—PROP. ESB MV—	Proposed ESB - MV Overhead Diversion	—PROP. AUR—	Proposed AURORA Diversion
—STORM WATER—	Existing Storm Water	—PROP. ESB LV—	Proposed ESB - LV Overhead Diversion	—PROP. EU—	Proposed EU Network Diversion
—GAS—	Existing Gas Network	—PROP. ESB HV—	Proposed ESB - HV Underground Diversion	—PROP. GAS LP—	Proposed GAS LP Diversion
—GRAVITY FOUL—	Existing IW-Gravity	—PROP. IW-GM—	Proposed IW- WATER Main Diversion	—PROP. GAS MP—	Proposed GAS MP Diversion
—VIRGIN—	Existing Virgin	—PROP. IW-GF—	Proposed IW-GRAVITY FOUL Diversion	—PROP. GAS HP—	Proposed GAS HP Diversion
—VODAFONE—	Existing Vodafone	—PROP. SW—	Proposed STORM WATER Diversion	—	—
—EU NETWORK—	Existing EU Network	—PROP. EIRCOM—	Proposed EIRCOM Diversion	—	—
—AURORA—	Existing Aurora	—	—	—	—
—WM—	Existing Water Main	—	—	—	—

NOTE
CONNECT TO NEAREST EXISTING MANHOLE (FINAL LOCATION SHALL BE APPROVED BY THE CORRESPONDING COMPANY)



REV. DATE DESCRIPTION	JHC LA CCH	PRODUCED BY REVIEWED BY APPROVED BY
V 01 May 2022 Planning Issue		

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Client: Tionscadal Éireann Project Ireland 2040, NTA Udarás Náisiúnta Iomparáil National Transport Authority, Iarnród Éireann Irish Rail

Consultant: IDOM, G3, IROD

Project: DART+ West

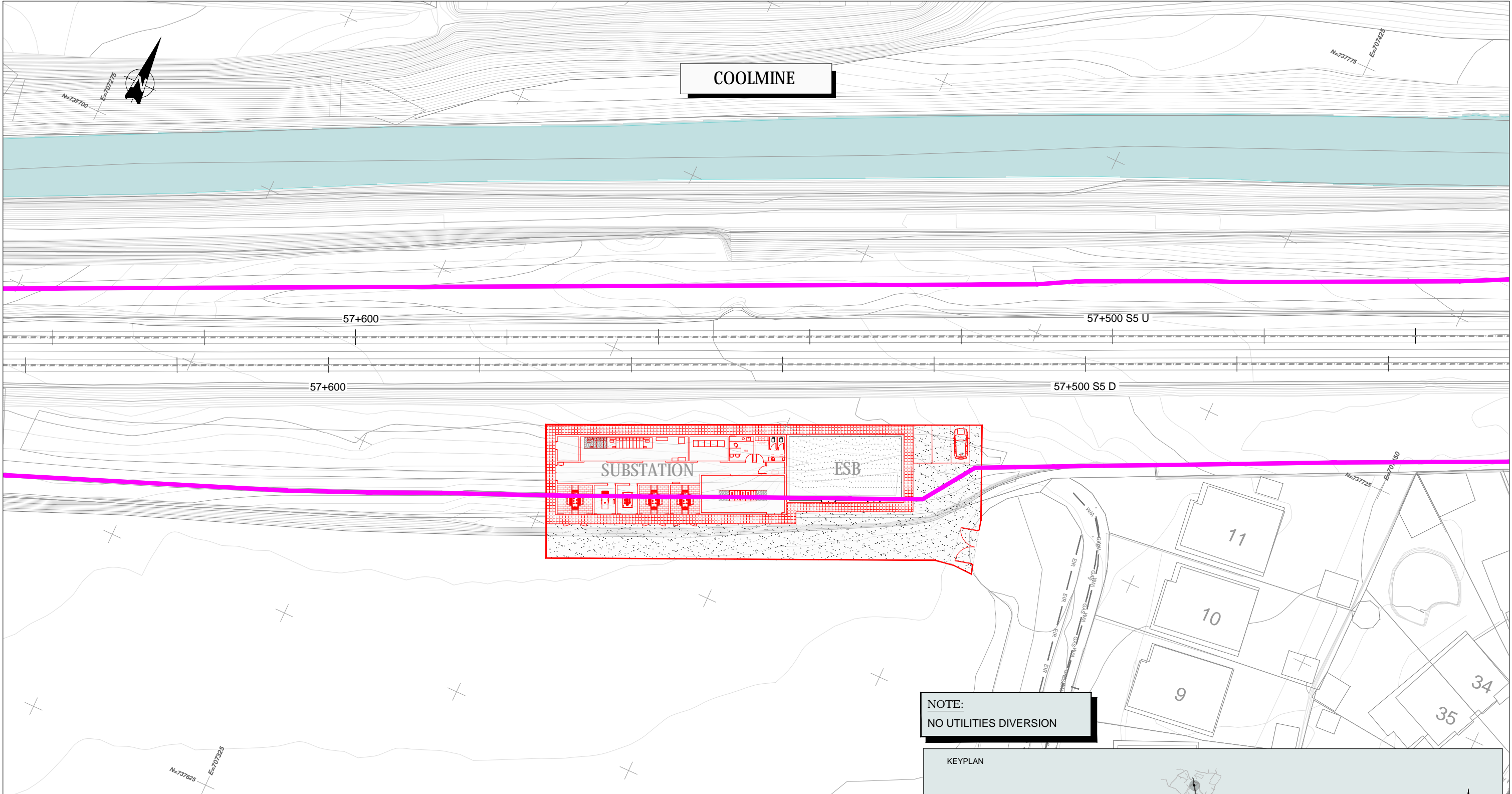
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Scale: 1:250 @ A1

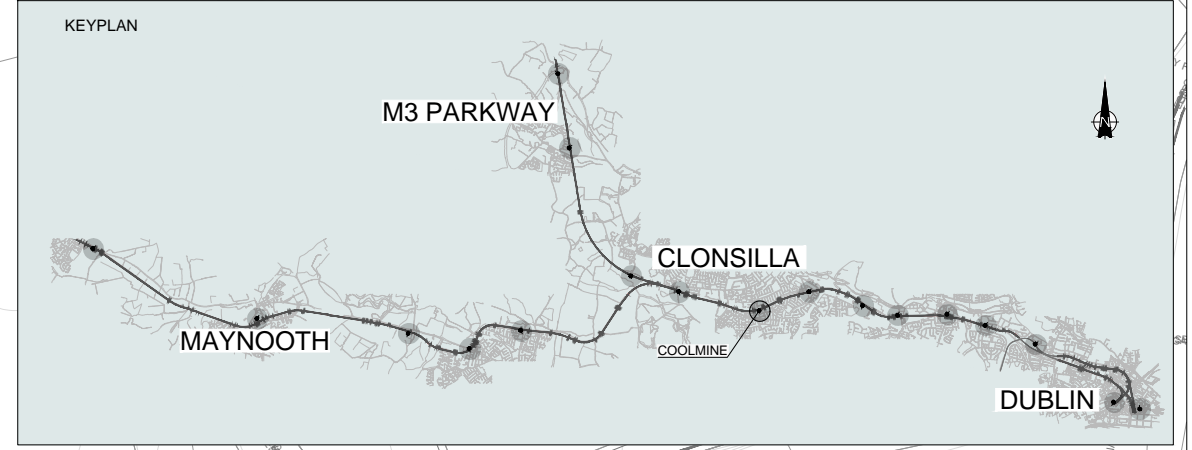
Drawing Number: MAY MDC UTL RS09 DR Y 0002 D

Date: May 2022, Job No: P/101086, Status: F1-Approved&Accepted, Rev: V 01, Sheet: 01 of 01

COOLMINE



NOTE:
NO UTILITIES DIVERSION

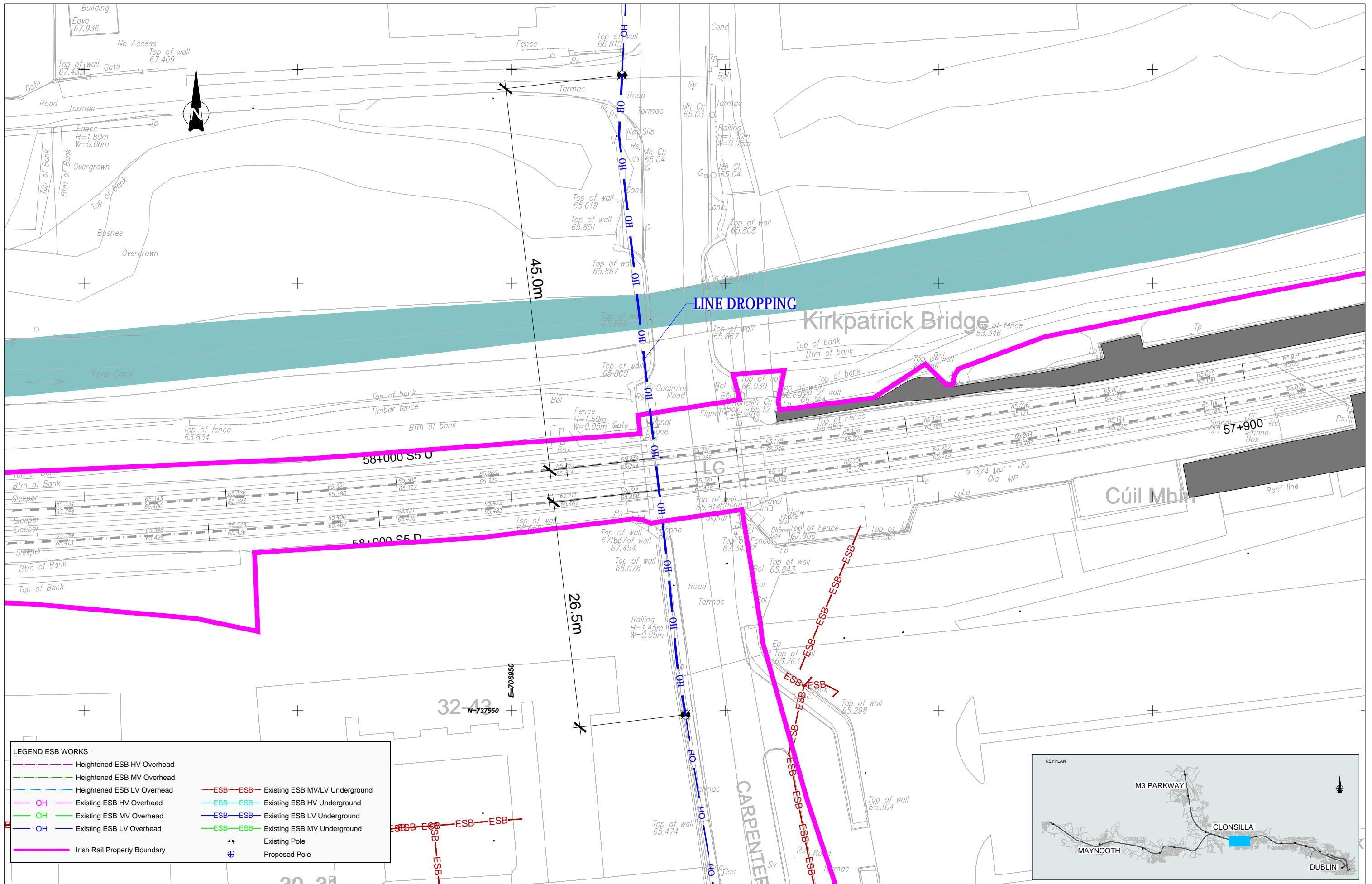


LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

—ESB—ESB—ESB— Existing ESB - Underground	—PROP. ESB MV/LV— Proposed ESB - MV/LV Underground Diversion	—PROP. VIRGIN— Proposed VIRGIN Diversion
—OH— Existing ESB - Overhead	—PROP. ESB HV— Proposed ESB - HV Overhead Diversion	—PROP. VODAFONE— Proposed VODAFONE Diversion
—EIRCOM— Existing EIRCOM	—PROP. ESB MV— Proposed ESB - MV Overhead Diversion	—PROP. AUR— Proposed AURORA Diversion
—STORM WATER— Existing Storm Water	—PROP. ESB LV— Proposed ESB - LV Overhead Diversion	—PROP. EU— Proposed EU Network Diversion
—GAS— Existing Gas Network	—PROP. ESB HV— Proposed ESB - HV Underground Diversion	—PROP. GAS LP— Proposed GAS LP Diversion
—GRAVITY FOUL— Existing IW-Gravity	—PROP. IW-GM— Proposed IW- WATER Main Diversion	—PROP. GAS MP— Proposed GAS MP Diversion
—VIRGIN— Existing Virgin	—PROP. IW-GRAVITY FOUL— Proposed IW-GRAVITY FOUL Diversion	—PROP. GAS HP— Proposed GAS HP Diversion
—VODAFONE— Existing Vodafone	—PROP. SW— Proposed STORM WATER Diversion	—PROP. EIRCOM— Proposed EIRCOM Diversion
—EU Network— Existing EU Network		
—AURORA— Existing Aurora		
—WM— Existing Water Main		
		—Irish Rail Property Boundary—

Client	Tionscald Éireann Project Ireland 2040	NTA Udarás Náisiúnta Iompartha National Transport Authority	Iarnród Éireann Irish Rail					
Consultant	IDOM	G3	FIROD RÓDRIAN & D'ONOFRAN					
Project	DART+ West							
Drawing Title	UTILITIES DIVERSION COOLMINE SUBSTATION							
Scale:	1:250 @ A1							
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
P/101086	MAY MDC	UTL	RS10	DR	Y	0001	D	
Date:	Job No:	Status:	Rev:					
May 2022	P/101086	F1-Approved&Accepted	V 01	Sheet: 01 of 01				

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LINE DROPPING

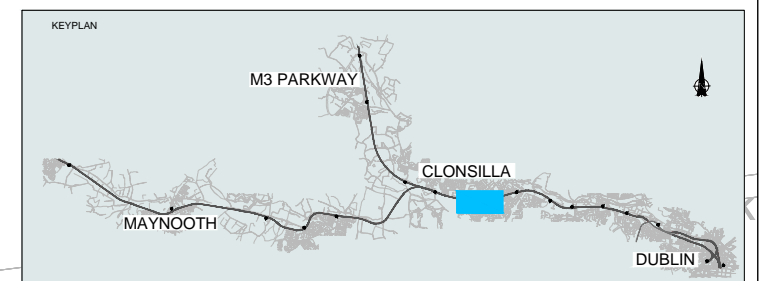
Kirkpatrick Bridge

Cúil Mhí

CARPENTER'S ROAD

LEGEND ESB WORKS :

	Heightened ESB HV Overhead		Existing ESB MV/LV Underground
	Heightened ESB MV Overhead		Existing ESB HV Underground
	Heightened ESB LV Overhead		Existing ESB LV Underground
	Existing ESB HV Overhead		Existing ESB MV Underground
	Existing ESB MV Overhead		Existing Pole
	Existing ESB LV Overhead		Proposed Pole
	Irish Rail Property Boundary		



V 01	May 2022	Planning Issue	JHC	LA	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client: **Thionscal Éireann Project Ireland 2040**, **NTA**, **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **G3**, **FIROD**

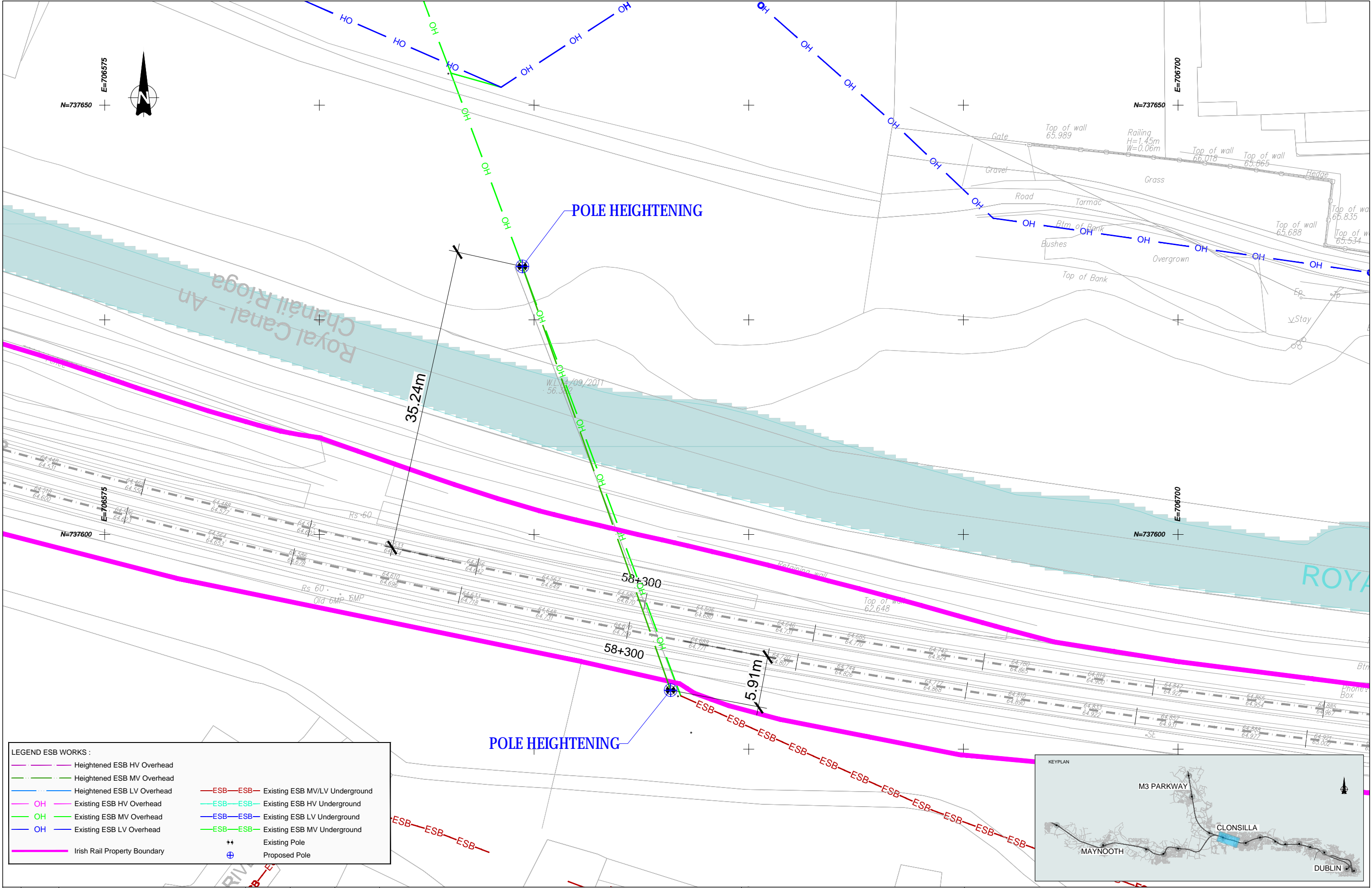
Project: **DART+ West**

Drawing Title: **UTILITIES DIVERSIONS COOLMINE EXISTING LC MEDIUM & LOW VOLTAGE LAYOUT PLAN**

Scale: 1:200 @ A1

Drawing Number: **MAY MDC UTL RS10 DR Y 0210 D**

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 01



LEGEND ESB WORKS :

	Heightened ESB HV Overhead		ESB-ESB-ESB	Existing ESB MV/LV Underground
	Heightened ESB MV Overhead		ESB-ESB-ESB	Existing ESB HV Underground
	Heightened ESB LV Overhead		ESB-ESB-ESB	Existing ESB LV Underground
	OH		ESB-ESB-ESB	Existing ESB MV Underground
	Existing ESB HV Overhead		ESB-ESB-ESB	Existing ESB LV Underground
	Existing ESB MV Overhead		ESB-ESB-ESB	Existing ESB MV Underground
	Existing ESB LV Overhead		ESB-ESB-ESB	Existing ESB LV Underground
	Irish Rail Property Boundary		++	Existing Pole
			⊕	Proposed Pole

V 01	May 2022	Planning Issue	JHC	LA	CCH
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Client

Consultant

Project

Drawing Title

UTILITIES DIVERSIONS
 HALFWAY COOLMINE EXISTING LC - DISWELLTOWN RD.
 MEDIUM & LOW VOLTAGE LAYOUT PLAN

Scale: 1:200 @ A1

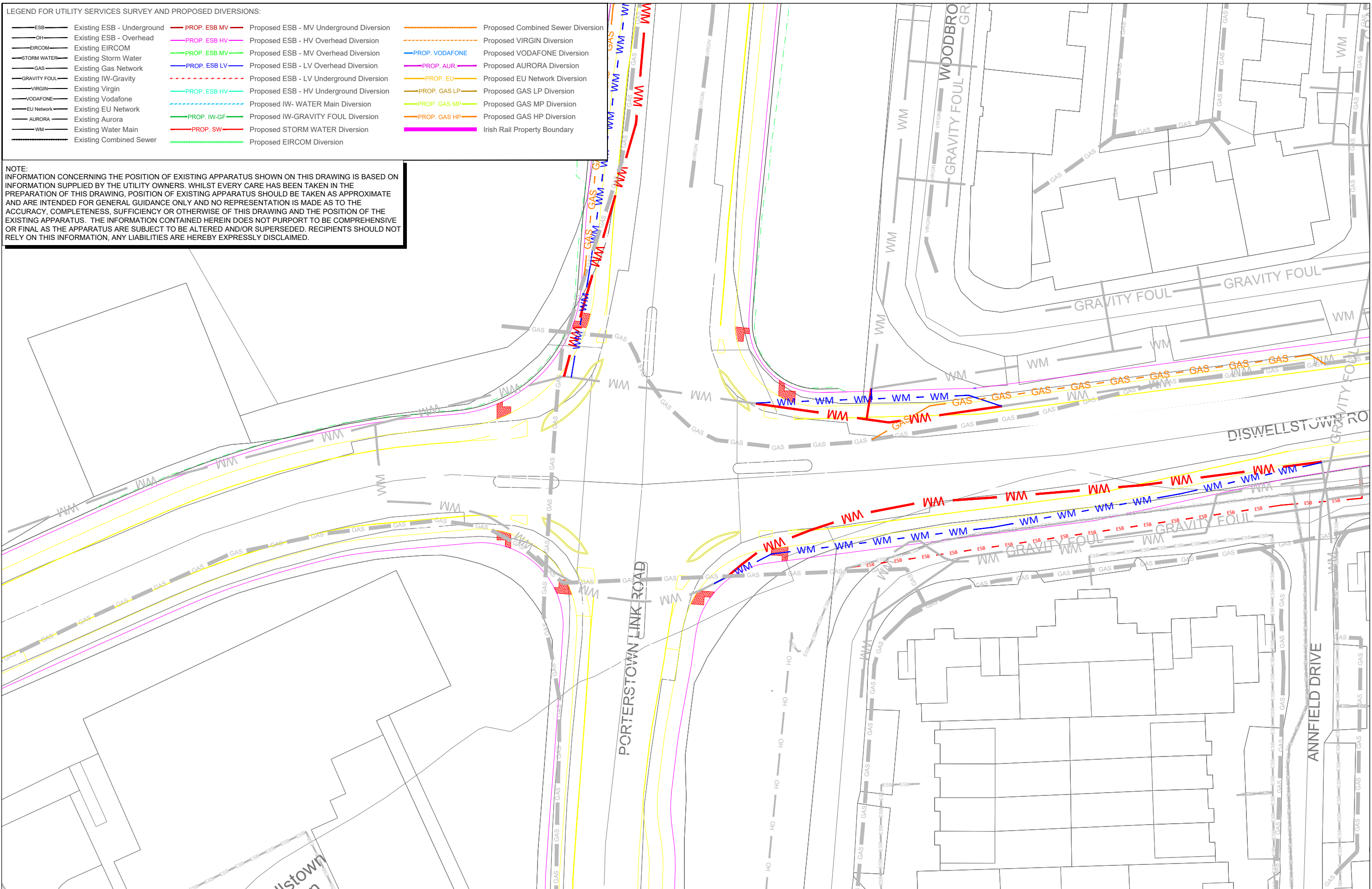
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL RS10 DR Y 0220 D

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 01

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

- | | | |
|--------------------------------------|--|---------------------------------------|
| — ESB — Existing ESB - Underground | — PROP. ESB MV — Proposed ESB - MV Underground Diversion | — — Proposed Combined Sewer Diversion |
| — OH — Existing ESB - Overhead | — PROP. ESB HV — Proposed ESB - HV Overhead Diversion | — — Proposed VIRGIN Diversion |
| — EIRCOM — Existing EIRCOM | — PROP. ESB MV — Proposed ESB - MV Overhead Diversion | — — Proposed VODAFONE Diversion |
| — STORM WATER — Existing Storm Water | — PROP. ESB LV — Proposed ESB - LV Overhead Diversion | — — Proposed AURORA Diversion |
| — GAS — Existing Gas Network | — — Proposed ESB - LV Underground Diversion | — — Proposed EU Network Diversion |
| — GRAVITY FOUL — Existing IW-Gravity | — PROP. ESB HV — Proposed ESB - HV Underground Diversion | — — Proposed GAS LP Diversion |
| — VIRGIN — Existing Virgin | — — Proposed ESB - HV Underground Diversion | — — Proposed GAS MP Diversion |
| — VODAFONE — Existing Vodafone | — — Proposed IW- WATER Main Diversion | — — Proposed GAS HP Diversion |
| — EU Network — Existing EU Network | — PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion | — — Irish Rail Property Boundary |
| — AURORA — Existing Aurora | — PROP. SW — Proposed STORM WATER Diversion | |
| — WM — Existing Water Main | — — Proposed EIRCOM Diversion | |
| — — Existing Combined Sewer | | |

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REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client

Project

Consultant

Drawing Title

UTILITY DIVERSIONS - LC02: COOLMINE
 DISWELLSTOWN ROAD JUNCTION
 SHEET 1 OF 5

Scale:
 1:250 @ A1 1:500 @ A3

Date:	July 2021	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet:	01 of 05
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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— — —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— — —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— — —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— — —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— — —	Proposed ESB - LV Underground Diversion	— — —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— — —	Proposed ESB - HV Underground Diversion	— — —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— — —	Proposed IW- WATER Main Diversion	— — —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— — —	Proposed IW-GRAVITY FOUL Diversion	— — —	Proposed GAS HP Diversion
— EU Network —	Existing EU Network	— — —	Proposed STORM WATER Diversion	— — —	Irish Rail Property Boundary
— AURORA —	Existing Aurora	— — —	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
— — —	Existing Combined Sewer				

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REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client

Tionscald Éireann
Project Ireland 2040

NTA
Údarás Náisiúnta Iompartha
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

PROJ

Project

DART+
West

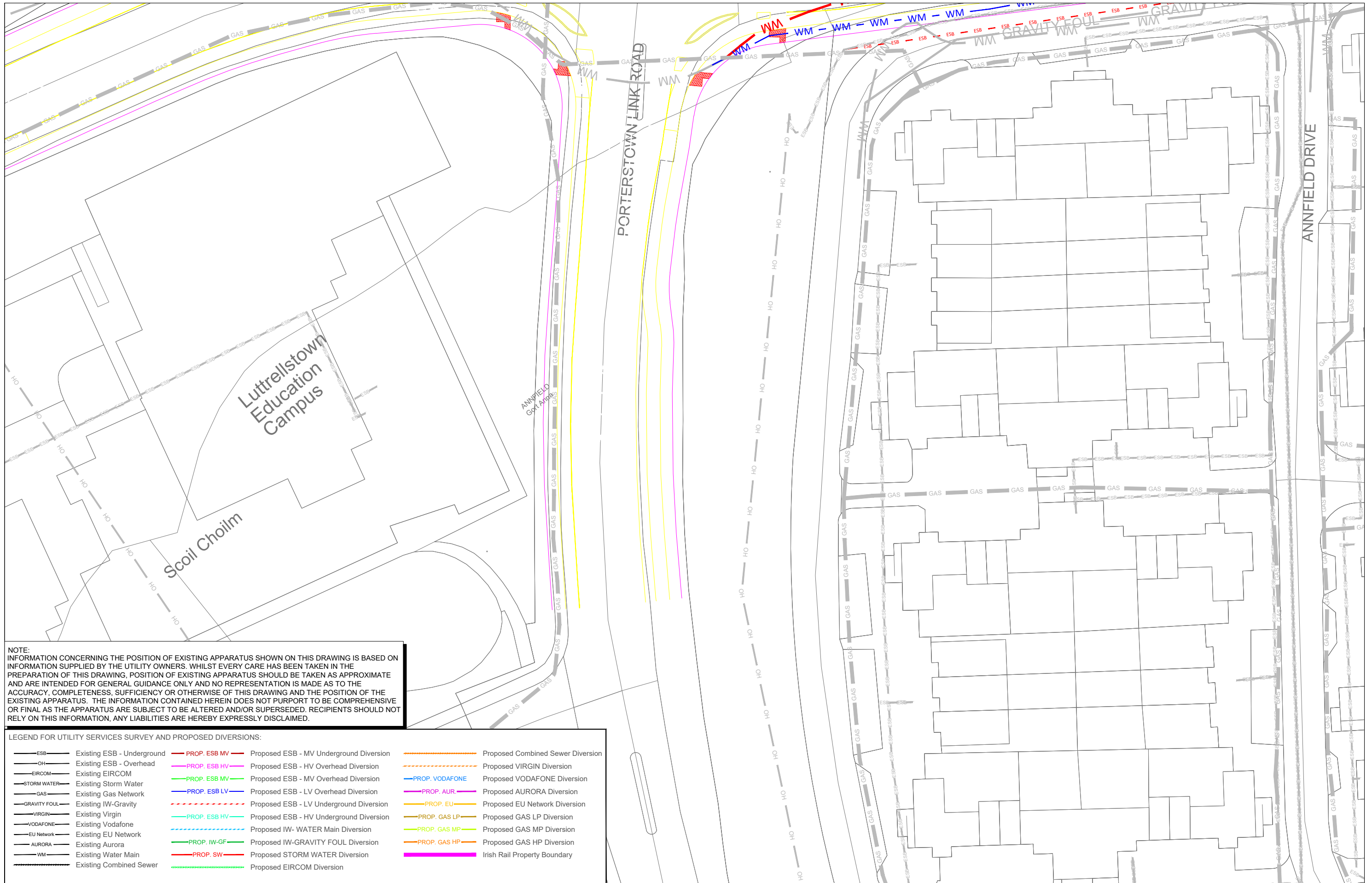
Drawing Title

UTILITY DIVERSIONS - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION
SHEET 2 OF 5

Scale:
1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC UTL LC02 DR Y 0142 D

Date: July 2021 **Job No.:** P/101086 **Status:** F1 - Approved & Accepted **Rev.:** V 01 **Sheet:** 02 of 05



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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— — —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— — —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— — —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— — —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— — —	Proposed ESB - LV Underground Diversion	— — —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— — —	Proposed ESB - HV Underground Diversion	— — —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— — —	Proposed IW- WATER Main Diversion	— — —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— — —	Proposed IW- GRAVITY FOUL Diversion	— — —	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	— — —	Proposed STORM WATER Diversion	— — —	Irish Rail Property Boundary
— AURORA —	Existing Aurora	— — —	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
— — —	Existing Combined Sewer				

Client	Tionscaldal Éireann Project Ireland 2040								
Client	NTA Údarás Náisiúnta Iompartha National Transport Authority								
Client	Iarnród Éireann Irish Rail								
Client	DART+ West								
Project	UTILITY DIVERSIONS - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION SHEET 3 OF 5								
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION SHEET 3 OF 5								
Scale:	1:250 @ A1 1:500 @ A3								
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	
	MAY	MDC	HRW	LC02	DR	C	0143	C	
Date:	July 2021	Job No:	P/101086	Status:	F1 - Approved & Accepted			Rev:	V 01
Sheet: 03 of 05									

Consultant

Project

Drawing Title

UTILITY DIVERSIONS - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION SHEET 3 OF 5

Scale: 1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | HRW | LC02 | DR | C | 0143 | C

Date: July 2021 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 03 of 05

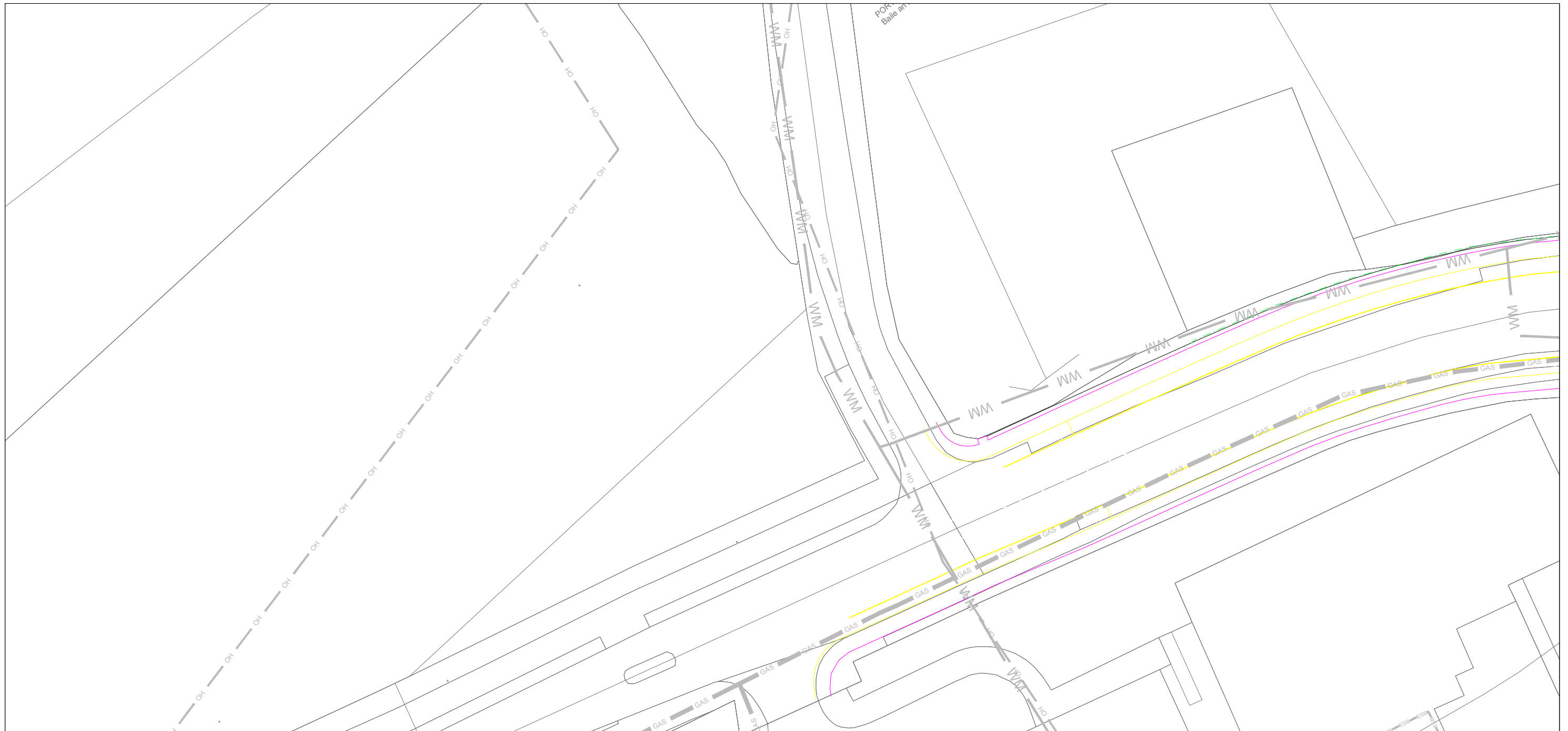
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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	—	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	—	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	—	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	—	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	—	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. IW-GF —	Proposed IW- GRAVITY FOUL Diversion	—	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— PROP. SW —	Proposed STORM WATER Diversion	—	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	—	Proposed EIRCOM Diversion	—	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	—	—	—	—
— AURORA —	Existing Aurora	—	—	—	—
— WM —	Existing Water Main	—	—	—	—
—	Existing Combined Sewer	—	—	—	—

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Client

Consultant

Project

Drawing Title
 UTILITY DIVERSIONS - LC02: COOLMINE
 DISWELLSTOWN ROAD JUNCTION
 SHEET 4 OF 5

Scale:
 1:250 @ A1 1:500 @ A3

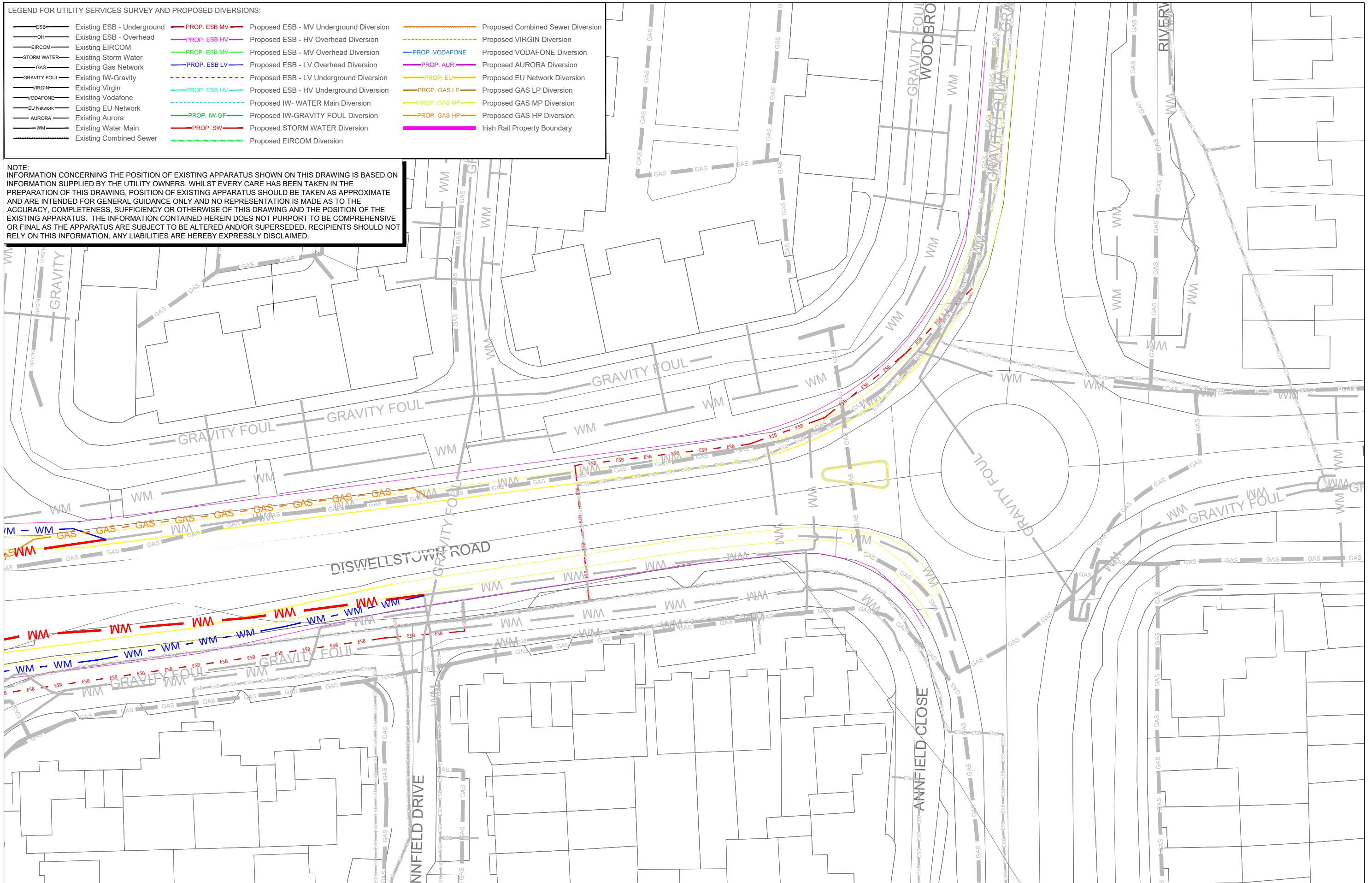
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 MAY MDC UTL LC02 DR Y 0144 D

Date: July 2021 | **Job No:** P/101086 | **Status:** F1 - Approved & Accepted | **Rev:** V 01 | **Sheet:** 04 of 05

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— — —	Proposed Combined Sewer Diversion	
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— — —	Proposed VIRGIN Diversion	
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— — —	— PROP. VODAFONE —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— — —	— PROP. AUR. —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— — —	Proposed ESB - LV Underground Diversion	— — —	— PROP. EU —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— — —	Proposed ESB - HV Underground Diversion	— — —	— PROP. GAS LP —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— — —	Proposed IW- WATER Main Diversion	— — —	— PROP. GAS MP —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— — —	Proposed IW-GRAVITY FOUL Diversion	— — —	— PROP. GAS HP —	Proposed GAS HP Diversion
— EU Network —	Existing EU Network	— — —	Proposed STORM WATER Diversion	— — —	— — —	Irish Rail Property Boundary
— AURORA —	Existing Aurora	— — —	Proposed EIRCOM Diversion			
— WM —	Existing Water Main					
— — —	Existing Combined Sewer					

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Client

Consultant

Project

Drawing Title

UTILITY DIVERSIONS - LC02: COOLMINE
 DISWELLSTOWN ROAD JUNCTION
 SHEET 5 OF 5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL LC02 DR Y 0145 D

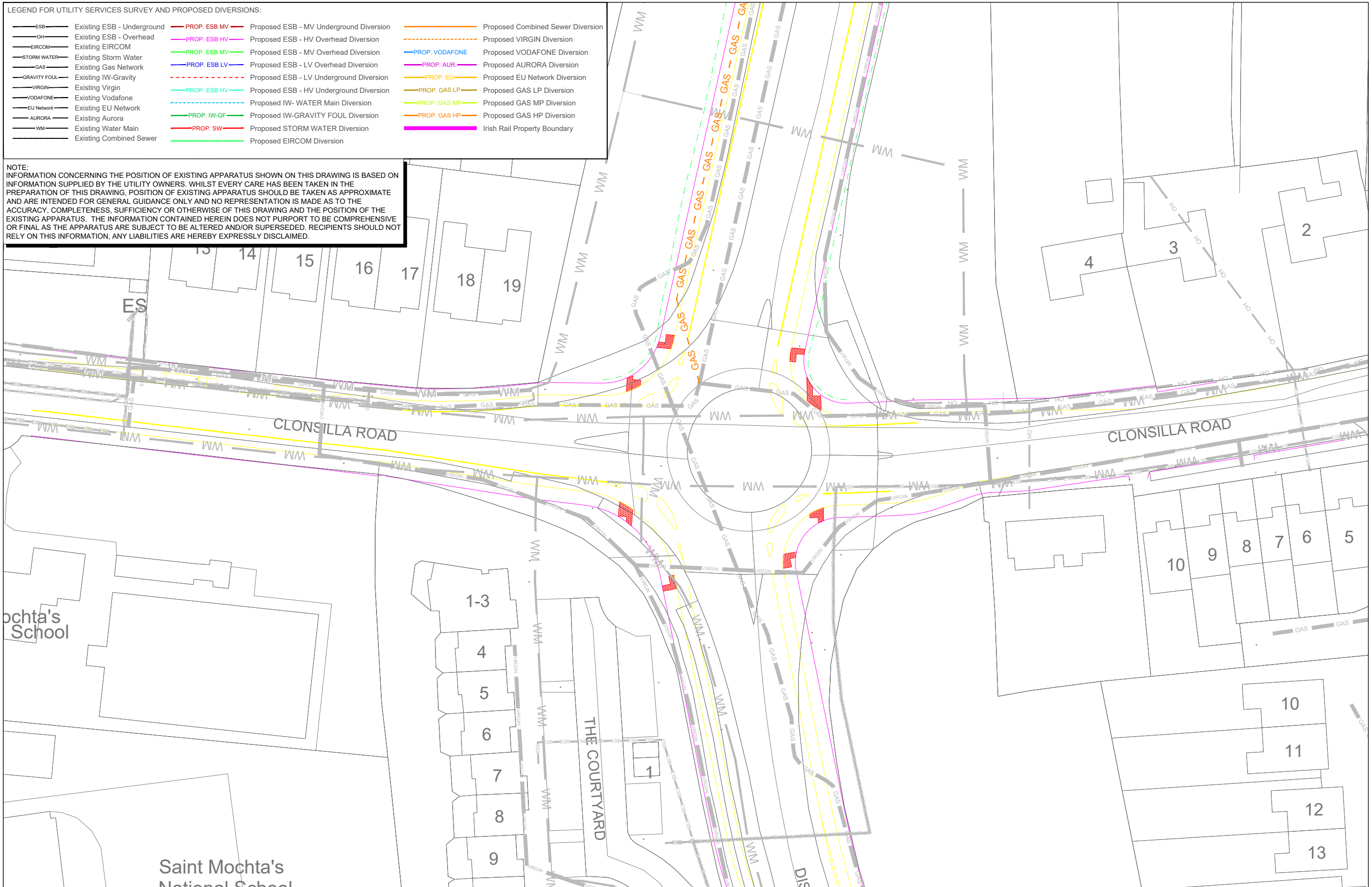
Date: July 2021 | **Job No.:** P/101086 | **Status:** F1 - Approved & Accepted | **Rev.:** V 01 | **Sheet:** 05 of 05

Scale:
 1:250 @ A1 | 1:500 @ A3
 0 3.125 6.25 12.5

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB — Existing ESB - Underground	— PROP. ESB MV — Proposed ESB - MV Underground Diversion	— — Proposed Combined Sewer Diversion
— OH — Existing ESB - Overhead	— PROP. ESB HV — Proposed ESB - HV Overhead Diversion	— — Proposed VIRGIN Diversion
— EIRCOM — Existing EIRCOM	— PROP. ESB MV — Proposed ESB - MV Overhead Diversion	— — Proposed VODAFONE Diversion
— STORM WATER — Existing Storm Water	— PROP. ESB LV — Proposed ESB - LV Overhead Diversion	— — Proposed AURORA Diversion
— GAS — Existing Gas Network	— — Proposed ESB - LV Underground Diversion	— — Proposed EU Network Diversion
— GRAVITY FOUL — Existing IW-Gravity	— — Proposed ESB - HV Underground Diversion	— — Proposed GAS LP Diversion
— VIRGIN — Existing Virgin	— — Proposed IW- WATER Main Diversion	— — Proposed GAS MP Diversion
— VODAFONE — Existing Vodafone	— — Proposed IW-GRAVITY FOUL Diversion	— — Proposed GAS HP Diversion
— EU Network — Existing EU Network	— — Proposed STORM WATER Diversion	— — Irish Rail Property Boundary
— AURORA — Existing Aurora	— — Proposed EIRCOM Diversion	
— WM — Existing Water Main		
— — Existing Combined Sewer		

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Client	Tionscald Eireann Project Ireland 2040	NTA National Transport Authority	lanród Eireann Irish Rail						
Project	DART+ West								
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE CLONSILLA ROAD JUNCTION SHEET 1 OF 3								
Scale:	1:250 @ A1 1:500 @ A3								
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	
MAY	MDC	UTL	LC02	DR	Y	0167	D		
Date:	July 2021	Job No:	P/101086	Status:	F1 - Approved & Accepted			Rev:	V 01
								Sheet: 01 of 03	

Client

Consultant

IDOM

PROJOD

Project

DART+
West

Drawing Title

UTILITY DIVERSIONS - LC02: COOLMINE
CLONSILLA ROAD JUNCTION
SHEET 1 OF 3

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | UTL | LC02 | DR | Y | 0167 | D

Date: July 2021 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 01 of 03

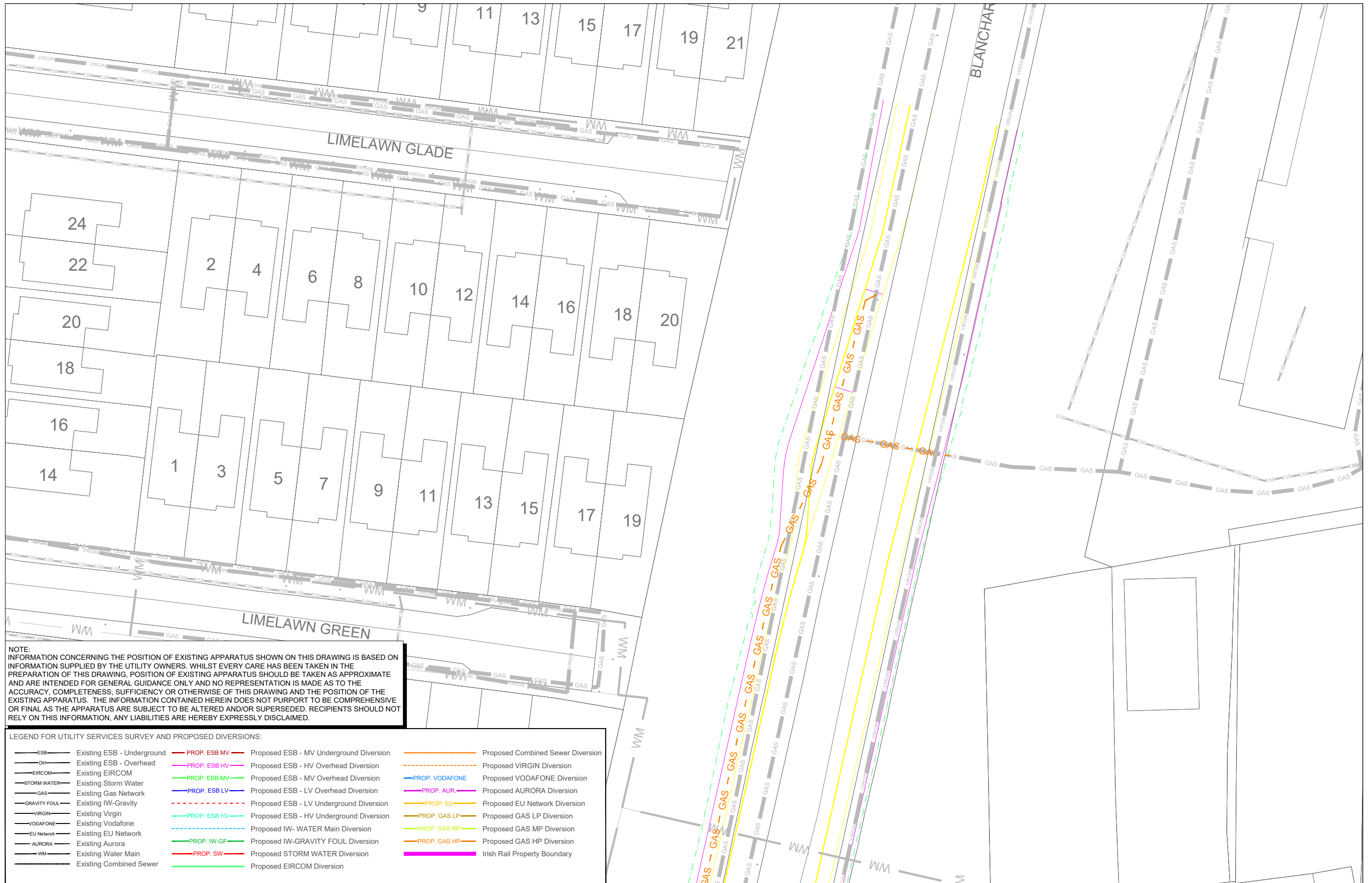
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Survey No. 0039721 (OS) Aerial Data or OS User Data & Survey No. 2021050, MMA, 190 (OS) Vector Data.

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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— PROP. COMBINED SEWER —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— PROP. VIRGIN —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— PROP. AUR —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— PROP. ESB LV —	Proposed ESB - LV Underground Diversion	— PROP. EU —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	— PROP. GAS LP —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— PROP. IW-WATER —	Proposed IW- WATER Main Diversion	— PROP. GAS MP —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— PROP. IW-GF —	Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP —	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	— PROP. SW —	Proposed STORM WATER Diversion	— IRISH RAIL —	Irish Rail Property Boundary
— AURORA —	Existing Aurora	— PROP. EIRCOM —	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
— —	Existing Combined Sewer				

Client	Tionscadal Éireann Project Ireland 2040							
Project	DART+ West							
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE CLONSILLA ROAD JUNCTION SHEET 2 OF 3							
Scale:	1:250 @ A1 1:500 @ A3							
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC02	DR	Y	0168	D	
Date:	July 2021	Job No:	P/101086	Status:	F1 - Approved & Accepted		Rev:	V 01
0 3.125 6.25 12.5		Sheet: 02 of 03						

Client

Project

Drawing Title

UTILITY DIVERSIONS - LC02: COOLMINE CLONSILLA ROAD JUNCTION SHEET 2 OF 3

Scale: 1:250 @ A1 1:500 @ A3

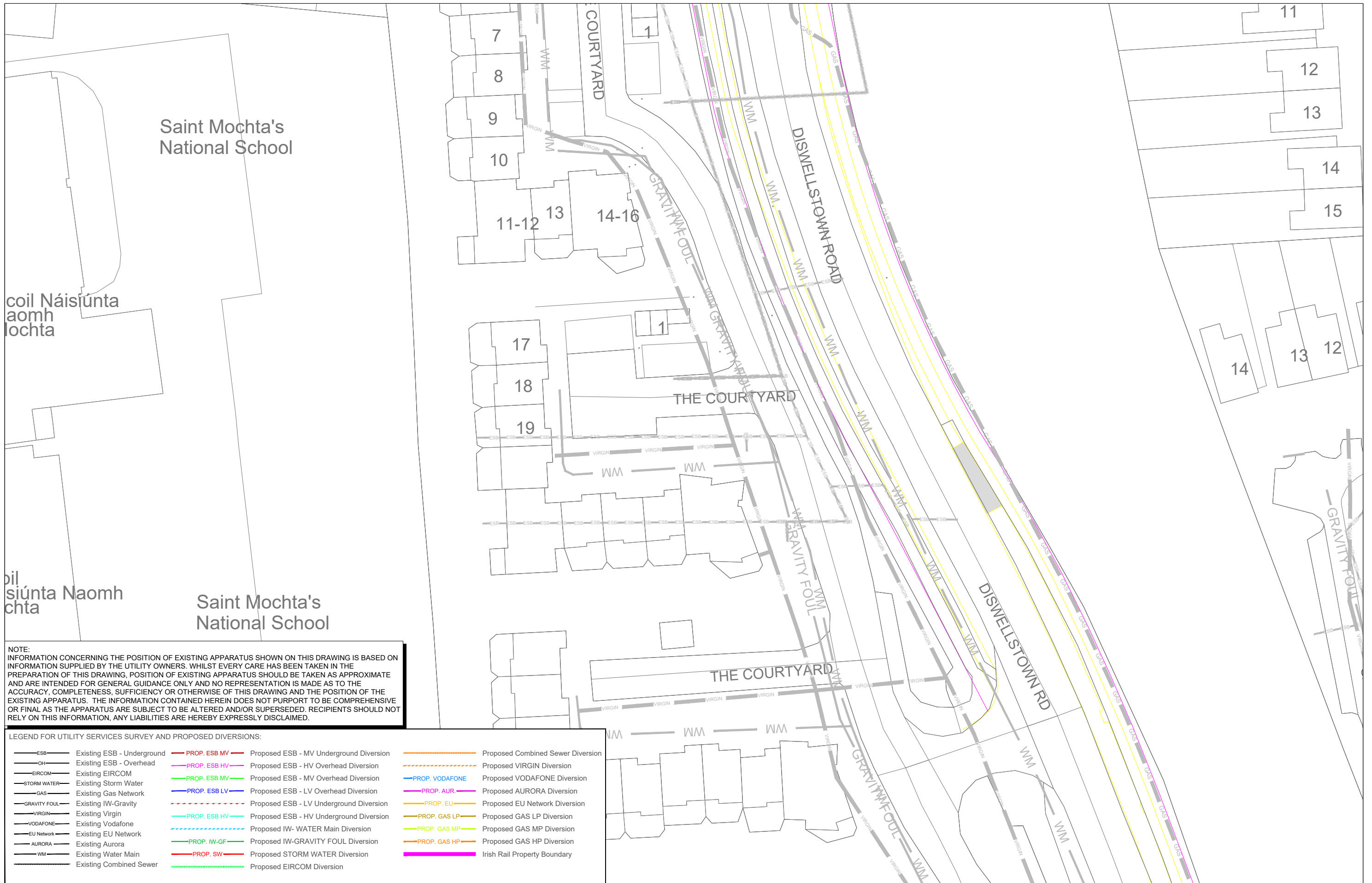
Drawing Number | **Project** | **Originator** | **Discipline** | **Location** | **Type** | **Role** | **Number** | **Phase**

MAY | MDC | UTL | LC02 | DR | Y | 0168 | D

Date: July 2021 | **Job No:** P/101086 | **Status:** F1 - Approved & Accepted | **Rev:** V 01 | **Sheet:** 02 of 03

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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— PROP. COMB —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— PROP. VIRGIN —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— PROP. AUR. —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— PROP. ESB LV —	Proposed ESB - LV Underground Diversion	— PROP. EU —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	— PROP. GAS LP —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— PROP. IW-WATER —	Proposed IW- WATER Main Diversion	— PROP. GAS MP —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— PROP. IW-GF —	Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP —	Proposed GAS HP Diversion
— EU Network —	Existing EU Network	— PROP. SW —	Proposed STORM WATER Diversion	— IRISH RAIL —	Irish Rail Property Boundary
— AURORA —	Existing Aurora	— EIRCOM —	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
— CS —	Existing Combined Sewer				

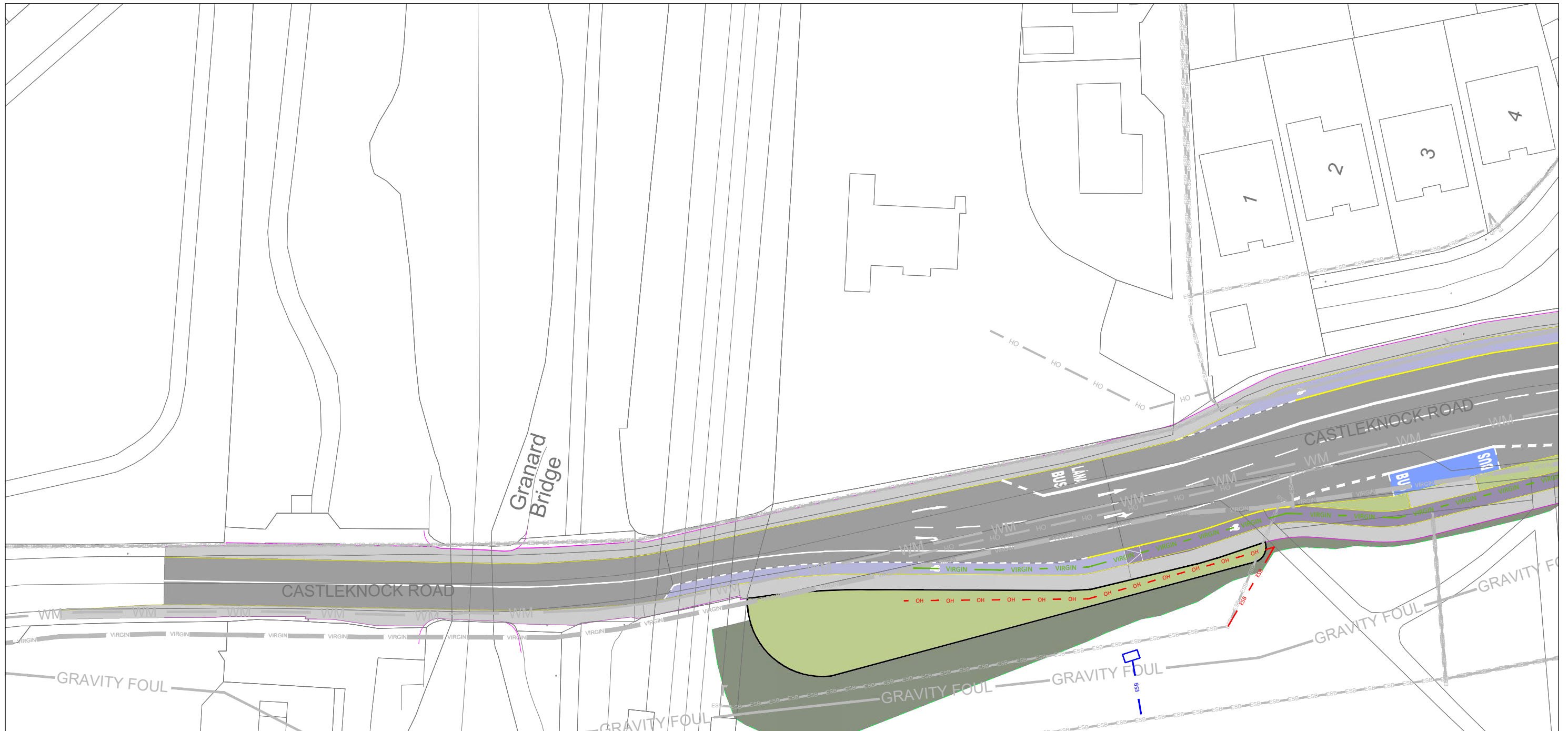
Client	Tionscatal Éireann Project Ireland 2040	NTA Údarás Náisiúnta Iompartha National Transport Authority	lanróid Éireann Irish Rail					
Project	DART+ West							
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE CLONSILLA ROAD JUNCTION SHEET 3 OF 3							
Scale:	1:250 @ A1 1:500 @ A3							
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC02	DR	Y	0169	D	
Date:	July 2021	Job No:	P/101086	Status:	F1 - Approved & Accepted		Rev:	V 01
							Sheet:	03 of 103

Consultant

Client

Project

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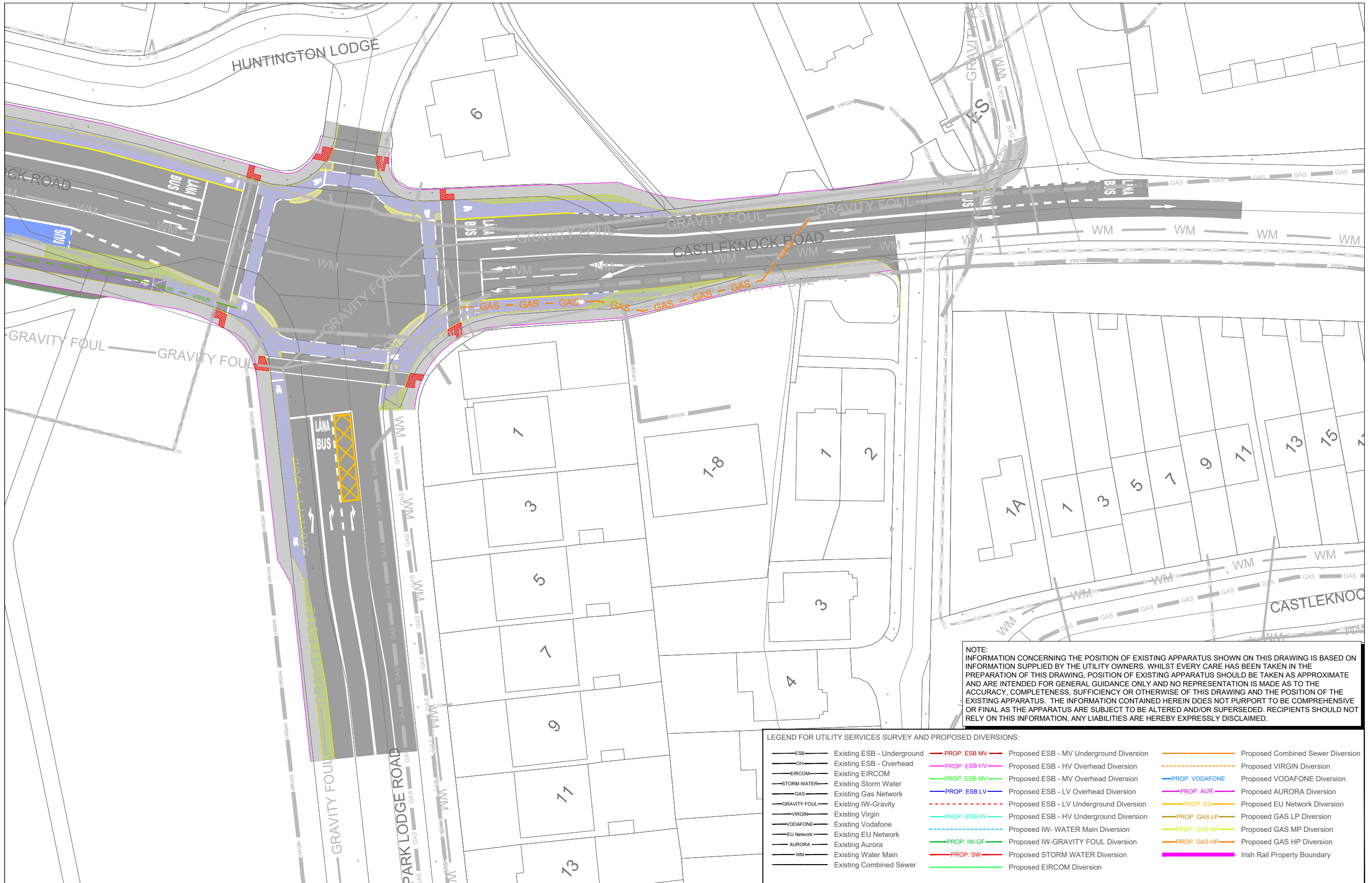
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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— — —	Proposed ESB - LV Underground Diversion	— —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— — —	Proposed ESB - HV Underground Diversion	— —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— — —	Proposed IW- WATER Main Diversion	— —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— — —	Proposed IW-GRAVITY FOUL Diversion	— —	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	— — —	Proposed STORM WATER Diversion	— —	— — —
— AURORA —	Existing Aurora	— — —	Proposed EIRCOM Diversion	— —	— — —
— WM —	Existing Water Main	— — —	— — —	— —	— — —
— — —	Existing Combined Sewer	— — —	— — —	— —	— — —

Client									
Consultant									
Project									
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE CASTLEKNOCK ROAD JUNCTION SHEET 1 OF 2								
Scale:	1:250 @ A1 1:500 @ A3								
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	
MAY	MDC	UTL	LC02	DR	Y	0184	D		
Date:	July 2021	Job No:	P/101086	Status:	F1 - Approved & Accepted			Rev:	V 01
								Sheet: 01 of 02	

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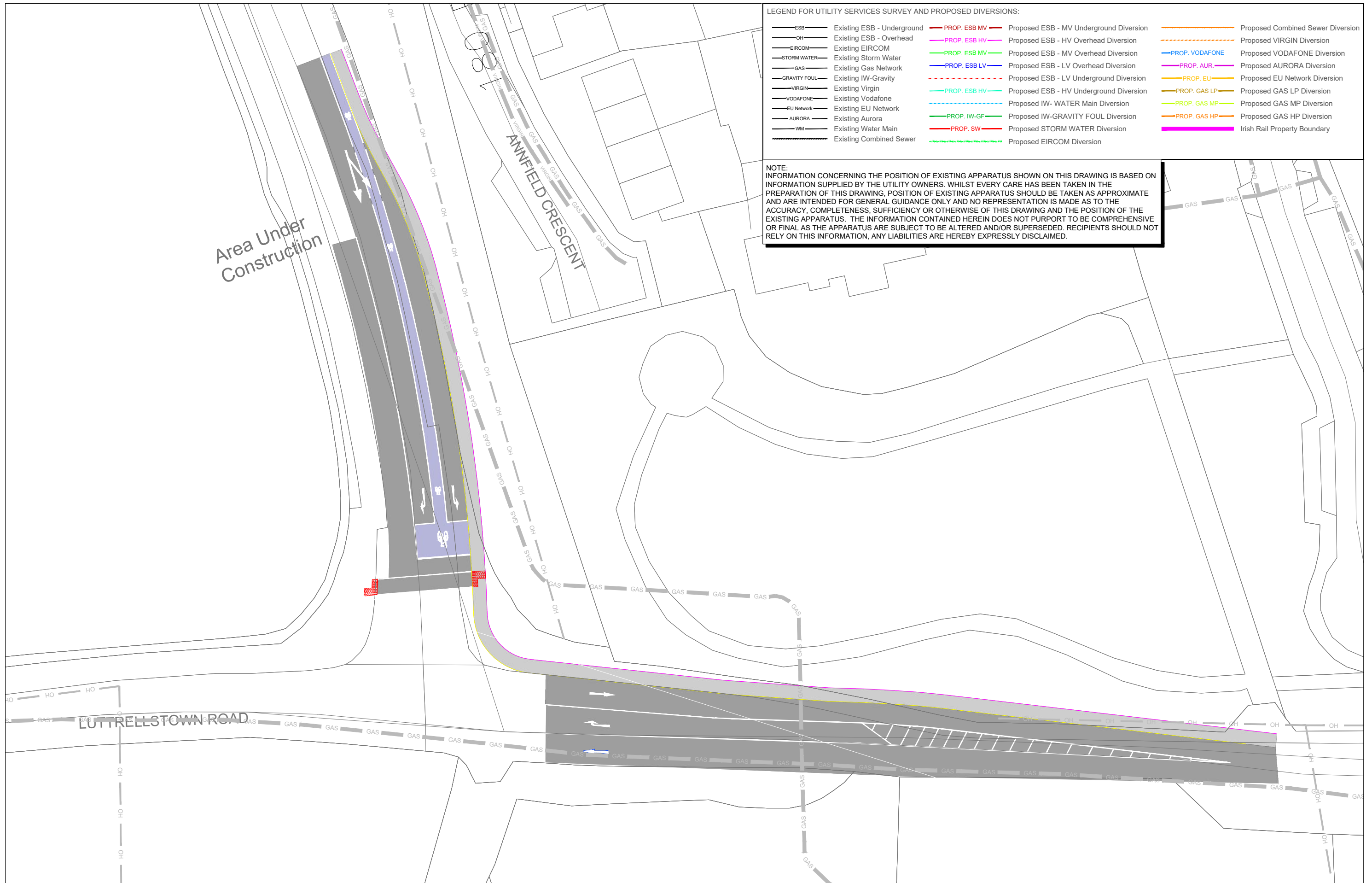
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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB — Existing ESB - Underground	— PROP. ESB MV — Proposed ESB - MV Underground Diversion	— PROP. COMBINED SEWER — Proposed Combined Sewer Diversion
— OH — Existing ESB - Overhead	— PROP. ESB HV — Proposed ESB - HV Overhead Diversion	— PROP. VIRGIN — Proposed VIRGIN Diversion
— EIRCOM — Existing EIRCOM	— PROP. ESB MV — Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE — Proposed VODAFONE Diversion
— STORM WATER — Existing Storm Water	— PROP. ESB LV — Proposed ESB - LV Overhead Diversion	— PROP. AUR — Proposed AURORA Diversion
— GAS — Existing Gas Network	— PROP. ESB LV — Proposed ESB - LV Underground Diversion	— PROP. EU — Proposed EU Network Diversion
— GRAVITY FOUL — Existing IW-Gravity	— PROP. ESB HV — Proposed ESB - HV Underground Diversion	— PROP. GAS LP — Proposed GAS LP Diversion
— VIRGIN — Existing Virgin	— PROP. IW-WATER — Proposed IW- WATER Main Diversion	— PROP. GAS MP — Proposed GAS MP Diversion
— VODAFONE — Existing Vodafone	— PROP. IW-GF — Proposed IW- GRAVITY FOUL Diversion	— PROP. GAS HP — Proposed GAS HP Diversion
— EU NETWORK — Existing EU Network	— PROP. SW — Proposed STORM WATER Diversion	— IRISH RAIL — Irish Rail Property Boundary
— AURORA — Existing Aurora	— PROP. EIRCOM — Proposed EIRCOM Diversion	
— WM — Existing Water Main		
— WM — Existing Combined Sewer		

Client	Tionscatal Eireann Project Ireland 2040
Consultant	IDOM, NTA, IRROD
Project	DART+ West
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE CASTLEKNOCK ROAD JUNCTION SHEET 2 OF 2
Scale:	1:250 @ A1 1:500 @ A3
Drawing Number	MAY MDC UTL LC02 DR Y 0185 D
Date:	July 2021
Job No:	P/101086
Status:	F1 - Approved & Accepted
Rev:	V 01
Sheet:	02 of 02

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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB — Existing ESB - Underground	— PROP. ESB MV — Proposed ESB - MV Underground Diversion	— Proposed Combined Sewer Diversion
— OH — Existing ESB - Overhead	— PROP. ESB HV — Proposed ESB - HV Overhead Diversion	— Proposed VIRGIN Diversion
— EIRCOM — Existing EIRCOM	— PROP. ESB MV — Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE — Proposed VODAFONE Diversion
— STORM WATER — Existing Storm Water	— PROP. ESB LV — Proposed ESB - LV Overhead Diversion	— PROP. AUR — Proposed AURORA Diversion
— GAS — Existing Gas Network	— Proposed ESB - LV Underground Diversion	— PROP. EU — Proposed EU Network Diversion
— GRAVITY FOUL — Existing IW-Gravity	— PROP. ESB HV — Proposed ESB - HV Underground Diversion	— PROP. GAS LP — Proposed GAS LP Diversion
— VIRGIN — Existing Virgin	— Proposed IW- WATER Main Diversion	— PROP. GAS MP — Proposed GAS MP Diversion
— VODAFONE — Existing Vodafone	— PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP — Proposed GAS HP Diversion
— EU Network — Existing EU Network	— PROP. SW — Proposed STORM WATER Diversion	— Irish Rail Property Boundary
— AURORA — Existing Aurora	— Proposed EIRCOM Diversion	
— WM — Existing Water Main		
— Existing Combined Sewer		

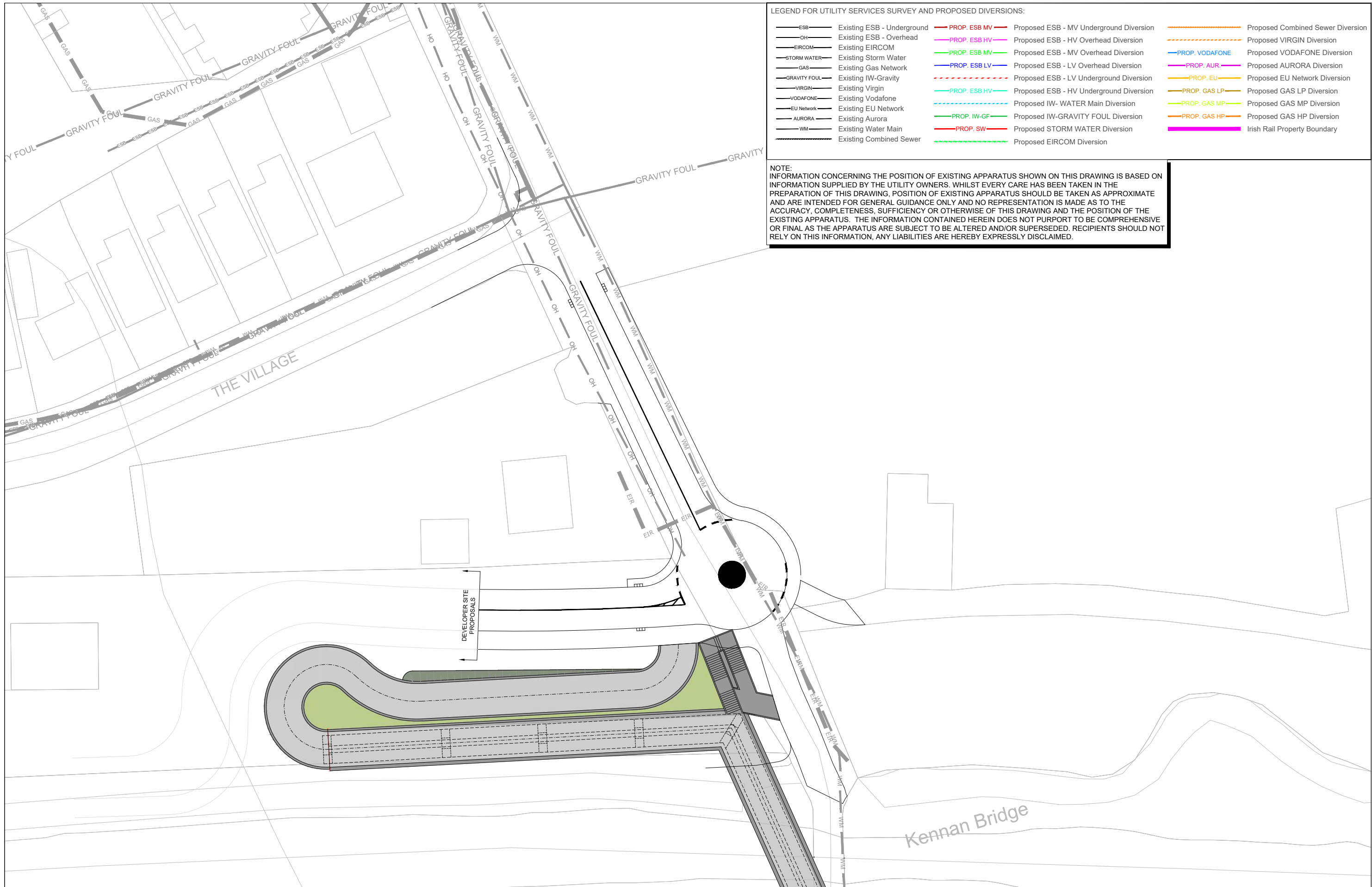
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Client	Tionscald Eireann Project Ireland 2040	NTA National Transport Authority	Iarnród Éireann Irish Rail
Project	DART+ West		
Drawing Title	UTILITY DIVERSIONS - LC02: COOLMINE PORTERSTOWN ROAD JUNCTION SHEET 1 OF 1		
Scale:	1:250 @ A1	1:500 @ A3	
Drawing Number	Project	Originator	Discipline
MAY	MDC	UTL	LC02
DR	Y	0194	D
Date:	July 2021	Job No:	P/101086
Status:	F1 - Approved & Accepted	Rev:	V 01
Sheet:	01 of 01		

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Client

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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB — Existing ESB - Underground	— PROP. ESB MV — Proposed ESB - MV Underground Diversion	— Proposed Combined Sewer Diversion
— OH — Existing ESB - Overhead	— PROP. ESB HV — Proposed ESB - HV Overhead Diversion	— Proposed VIRGIN Diversion
— EIRCOM — Existing EIRCOM	— PROP. ESB MV — Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE — Proposed VODAFONE Diversion
— STORM WATER — Existing Storm Water	— PROP. ESB LV — Proposed ESB - LV Overhead Diversion	— PROP. AUR — Proposed AURORA Diversion
— GAS — Existing Gas Network	— Proposed ESB - LV Underground Diversion	— PROP. EU — Proposed EU Network Diversion
— GRAVITY FOUL — Existing IW-Gravity	— PROP. ESB HV — Proposed ESB - HV Underground Diversion	— PROP. GAS LP — Proposed GAS LP Diversion
— VIRGIN — Existing Virgin	— Proposed IW- WATER Main Diversion	— PROP. GAS MP — Proposed GAS MP Diversion
— VODAFONE — Existing Vodafone	— PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP — Proposed GAS HP Diversion
— EU Network — Existing EU Network	— PROP. SW — Proposed STORM WATER Diversion	— Irish Rail Property Boundary
— AURORA — Existing Aurora	— Proposed EIRCOM Diversion	
— WM — Existing Water Main		
— Existing Combined Sewer		

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REV	DATE	DESCRIPTION	JMC	TL	MK
V 01	APR 2022	PLANNING ISSUE			
PRODUCED BY			REVIEWED BY		
APPROVED BY					

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Client

Consultant

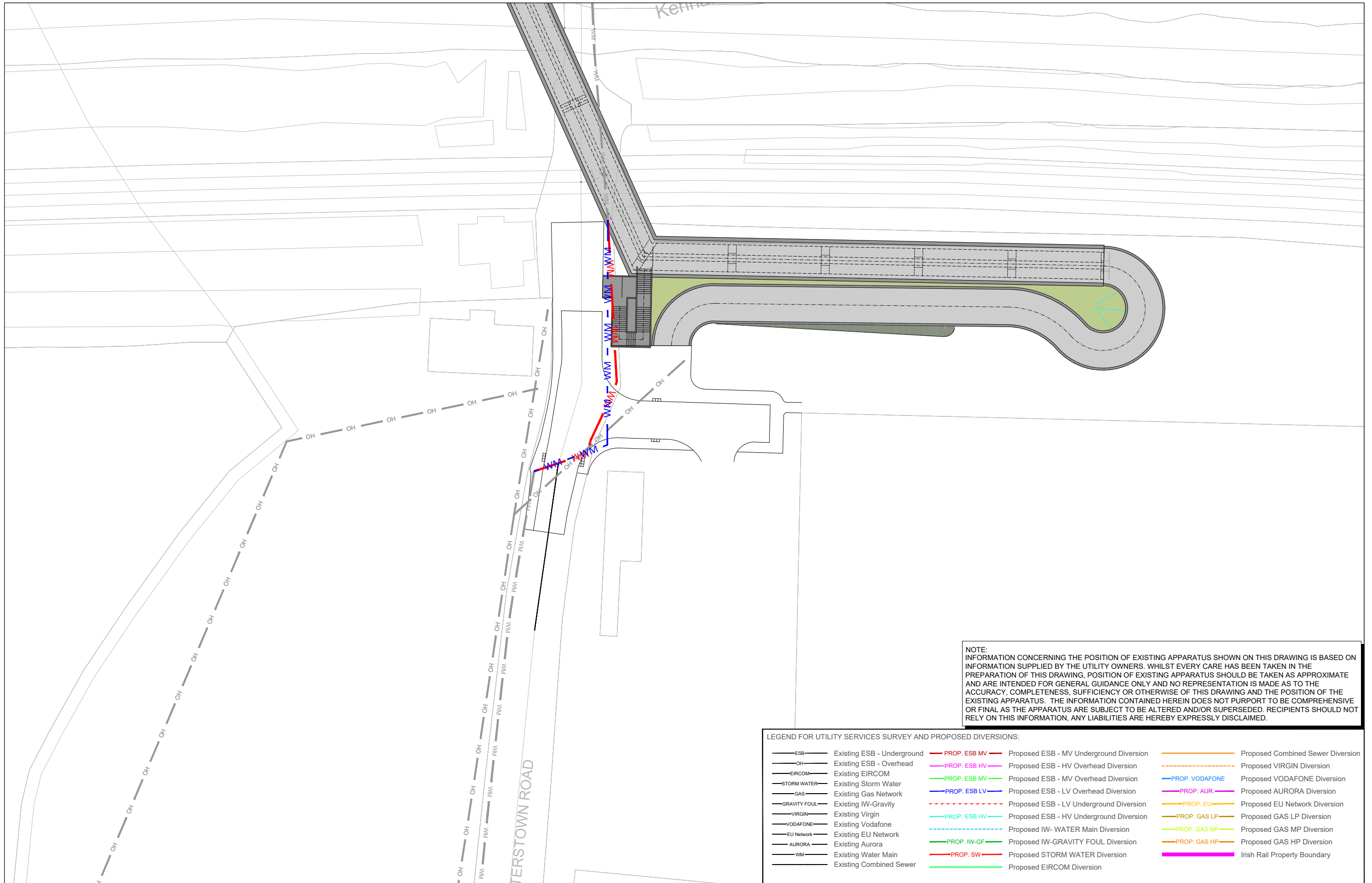
Project

Drawing Title
 UTILITY DIVERSIONS - LC03: PORTERSTOWN SHEET 1

Scale: 1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL LC03 DR Y 0111 D

Date: July 2021 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 01 of 02



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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

- | | | |
|--------------------------------------|--|--|
| — ESB — Existing ESB - Underground | — PROP. ESB MV — Proposed ESB - MV Underground Diversion | — PROP. COMBINED SEWER — Proposed Combined Sewer Diversion |
| — OH — Existing ESB - Overhead | — PROP. ESB HV — Proposed ESB - HV Overhead Diversion | — PROP. VIRGIN — Proposed VIRGIN Diversion |
| — EIRCOM — Existing EIRCOM | — PROP. ESB MV — Proposed ESB - MV Overhead Diversion | — PROP. VODAFONE — Proposed VODAFONE Diversion |
| — STORM WATER — Existing Storm Water | — PROP. ESB LV — Proposed ESB - LV Overhead Diversion | — PROP. AUR — Proposed AURORA Diversion |
| — GAS — Existing Gas Network | — — — Proposed ESB - LV Underground Diversion | — PROP. EU — Proposed EU Network Diversion |
| — GRAVITY FOUL — Existing IW-Gravity | — PROP. ESB HV — Proposed ESB - HV Underground Diversion | — PROP. GAS LP — Proposed GAS LP Diversion |
| — VIRGIN — Existing Virgin | — — — Proposed IW- WATER Main Diversion | — PROP. GAS MP — Proposed GAS MP Diversion |
| — VODAFONE — Existing Vodafone | — PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion | — PROP. GAS HP — Proposed GAS HP Diversion |
| — EU Network — Existing EU Network | — PROP. SW — Proposed STORM WATER Diversion | — — — Irish Rail Property Boundary |
| — AURORA — Existing Aurora | — — — Proposed EIRCOM Diversion | |
| — WM — Existing Water Main | | |
| — — — Existing Combined Sewer | | |

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V 01	APR 2022	PLANNING ISSUE	JMC	TL	MK

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Client

Consultant

Project

Drawing Title: UTILITY DIVERSIONS - LC03: PORTERSTOWN SHEET 2

Scale: 1:250 @ A1, 1:500 @ A3

Drawing Number: MAY MDC UTL LC03 DR Y 0112 D

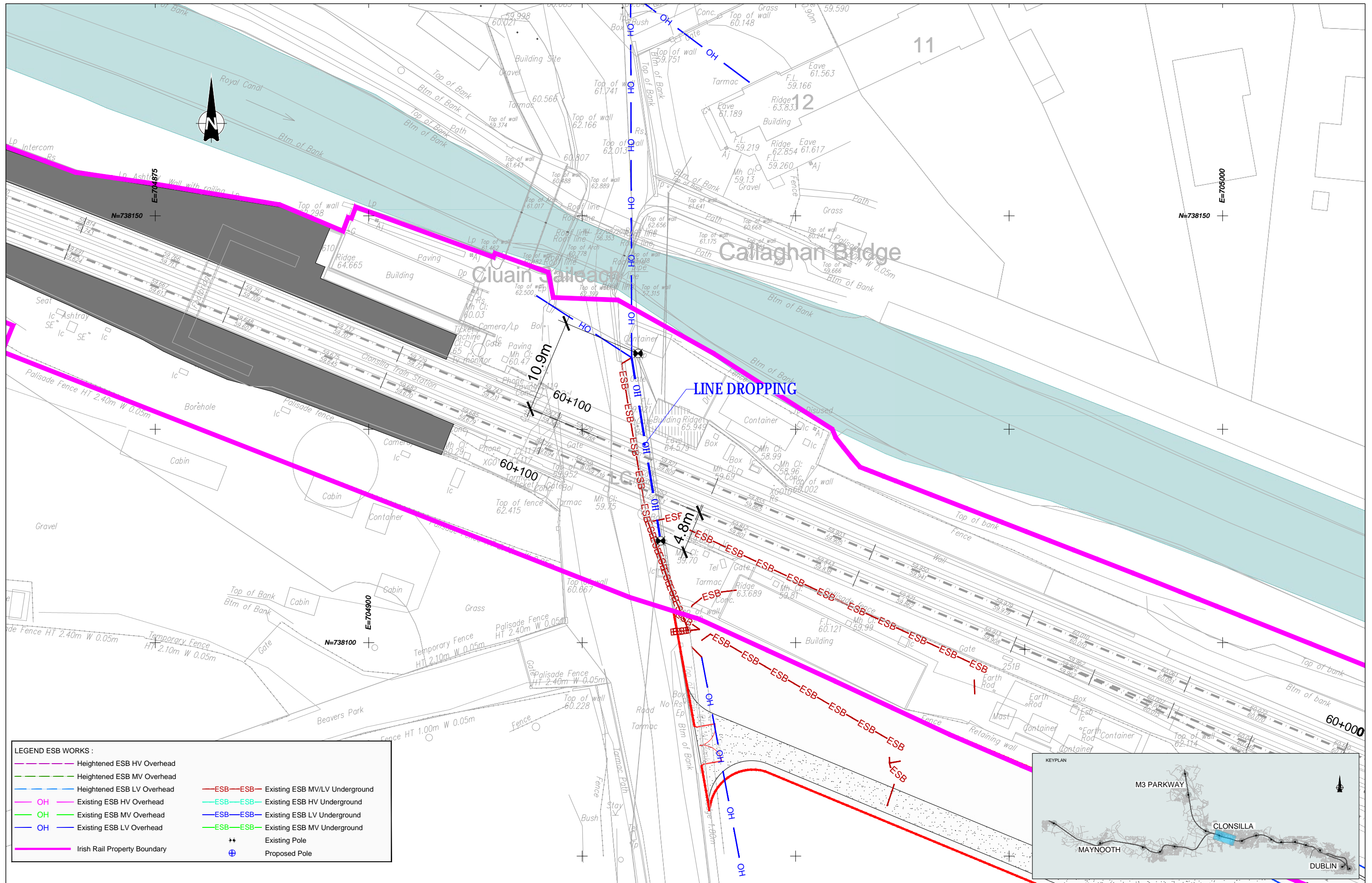
Date: July 2021

Job No: P/101086

Status: F1 - Approved & Accepted

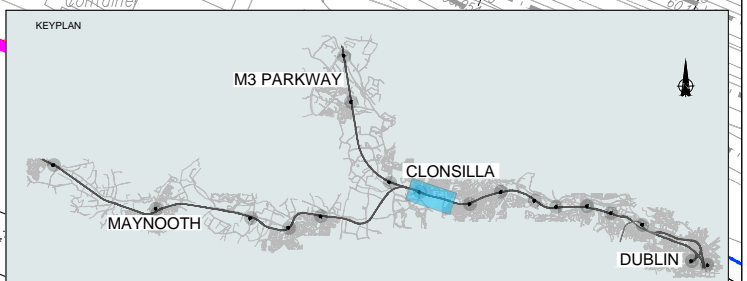
Rev: V 01

Sheet: 02 of 02



LEGEND ESB WORKS :

	Heightened ESB HV Overhead		Existing ESB MV/LV Underground
	Heightened ESB MV Overhead		Existing ESB HV Underground
	Heightened ESB LV Overhead		Existing ESB LV Underground
	OH Existing ESB HV Overhead		Existing ESB MV Underground
	OH Existing ESB MV Overhead		Existing ESB LV Underground
	OH Existing ESB LV Overhead		Existing ESB MV Underground
	Irish Rail Property Boundary		Existing Pole
			Proposed Pole



REV. DATE	DESCRIPTION	JHC	LA	CCH
V 01	May 2022 Planning Issue			
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Client: **Transcald Eireann Project Ireland 2040**, **NTA**, **Iarnród Eireann Irish Rail**

Consultant: **IDOM**, **G3**, **FIROD**

Project: **DART+ West**

Drawing Title: **UTILITIES DIVERSIONS CLONSILLA EXISTING LC MEDIUM & LOW VOLTAGE LAYOUT PLAN**

Scale: 1:200 @ A1

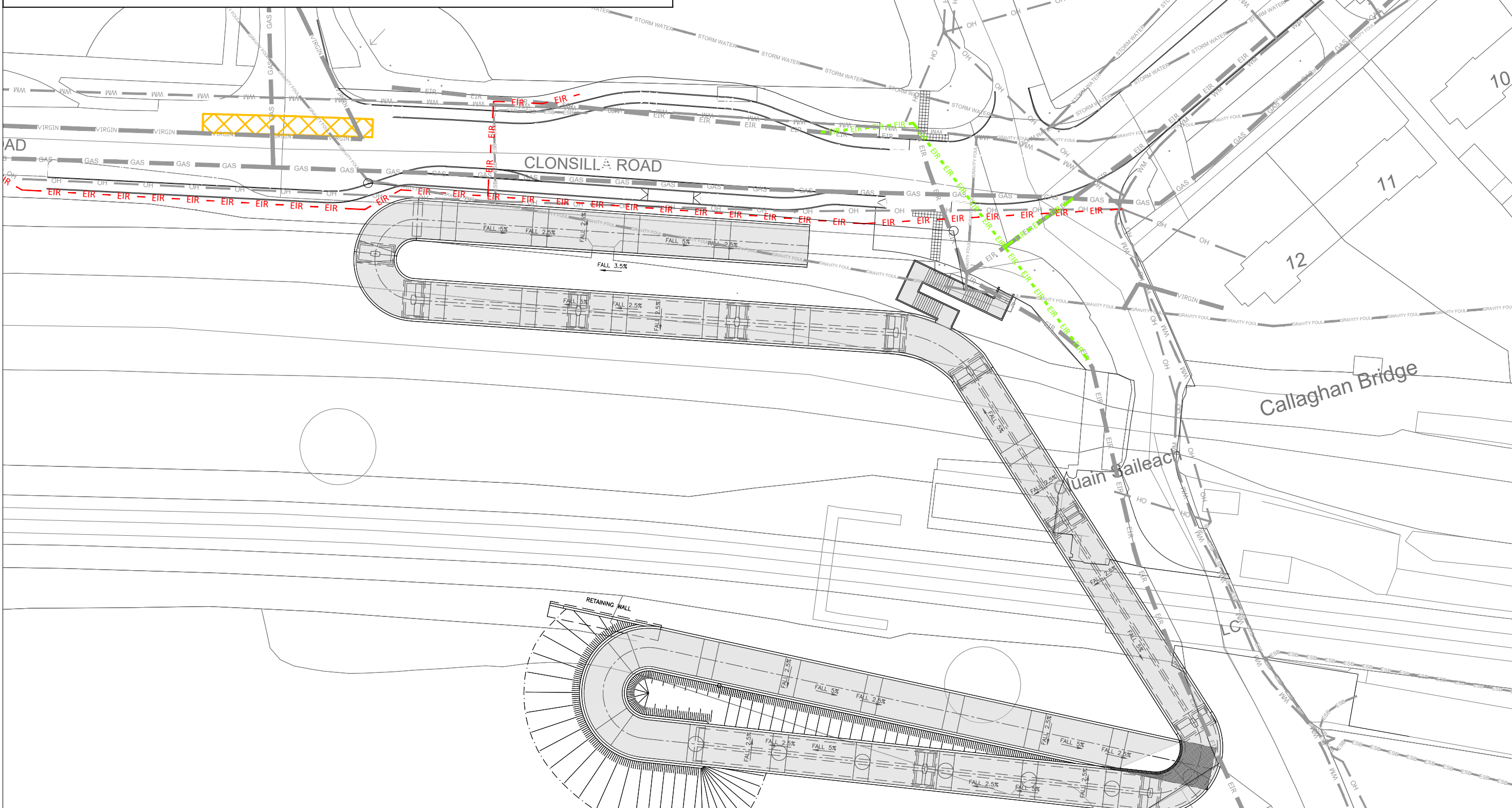
Drawing Number: **MAY MDC UTL LC04 DR Y 0200 D**

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 01

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

- | | | |
|--------------------------------------|--|---|
| — ESB — Existing ESB - Underground | — PROP. ESB MV — Proposed ESB - MV Underground Diversion | — — — Proposed Combined Sewer Diversion |
| — OH — Existing ESB - Overhead | — PROP. ESB HV — Proposed ESB - HV Overhead Diversion | — — — Proposed VIRGIN Diversion |
| — EIRCOM — Existing EIRCOM | — PROP. ESB MV — Proposed ESB - MV Overhead Diversion | — — — Proposed VODAFONE Diversion |
| — STORM WATER — Existing Storm Water | — PROP. ESB LV — Proposed ESB - LV Overhead Diversion | — — — Proposed AURORA Diversion |
| — GAS — Existing Gas Network | — — — Proposed ESB - LV Underground Diversion | — — — Proposed EU Network Diversion |
| — GRAVITY FOUL — Existing IW-Gravity | — PROP. ESB HV — Proposed ESB - HV Underground Diversion | — — — Proposed GAS LP Diversion |
| — VIRGIN — Existing Virgin | — — — Proposed IW- WATER Main Diversion | — — — Proposed GAS MP Diversion |
| — VODAFONE — Existing Vodafone | — PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion | — — — Proposed GAS HP Diversion |
| — EU Network — Existing EU Network | — PROP. SW — Proposed STORM WATER Diversion | — — — Irish Rail Property Boundary |
| — AURORA — Existing Aurora | — — — Proposed EIRCOM Diversion | |
| — WM — Existing Water Main | | |
| — — — Existing Combined Sewer | | |

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Client	Tionscaldal Éireann Project Ireland 2040
Project	Irish Rail
Consultant	IDOM, G3, IROD
Client	JMC TL MK
Client	PRODUCED BY REVIEWED BY APPROVED BY
REV	DATE DESCRIPTION
V 01	APR 2022 PLANNING ISSUE
REV	DATE DESCRIPTION

Client: Tionscaldal Éireann Project Ireland 2040, NTA (National Transport Authority), Iarnród Éireann Irish Rail

Project: DART+ West

Consultant: IDOM, G3, IROD

Project: DART+ West

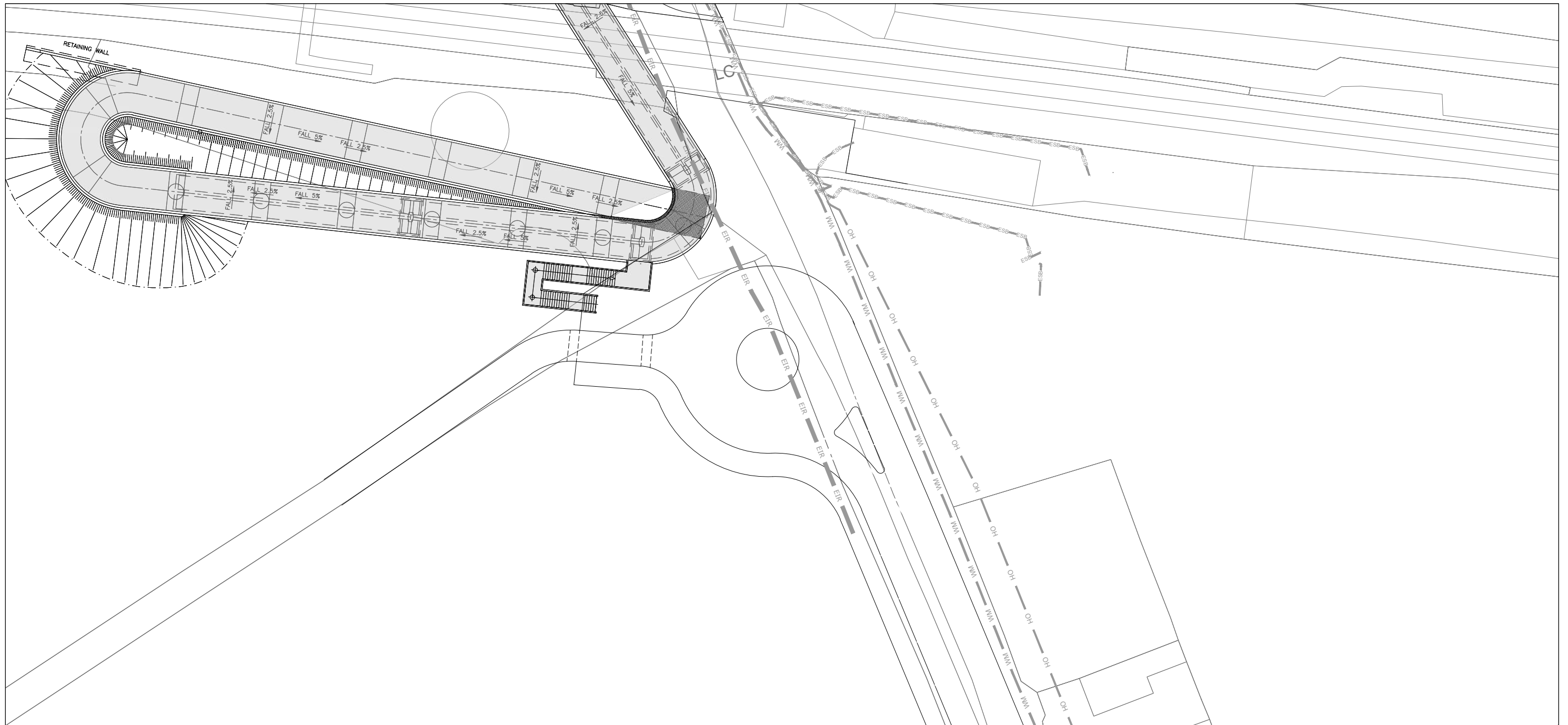
Drawing Title: UTILITY DIVERSIONS - LC04: CLONSILLA SHEET 1

Scale: 1:250 @ A1 1:500 @ A3

0 3.125 6.25 12.5

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC04	DR	Y	0113	D	
Date:	Job No:	Status:	Rev:	Sheet:				
July 2021	P/101086	F1 - Approved & Accepted	V 01	01 of 02				

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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— — —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— — —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— — —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— — —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— — —	Proposed ESB - LV Underground Diversion	— — —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	— — —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— — —	Proposed IW- WATER Main Diversion	— — —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— PROP. IW-GF —	Proposed IW-GRAVITY FOUL Diversion	— — —	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	— PROP. SW —	Proposed STORM WATER Diversion	— — —	Irish Rail Property Boundary
— AURORA —	Existing Aurora	— — —	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
— — —	Existing Combined Sewer				

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Client

Consultant

Project

Drawing Title

UTILITY DIVERSIONS - LC04: CLONSILLA SHEET 2

Scale: 1:250 @ A1 1:500 @ A3

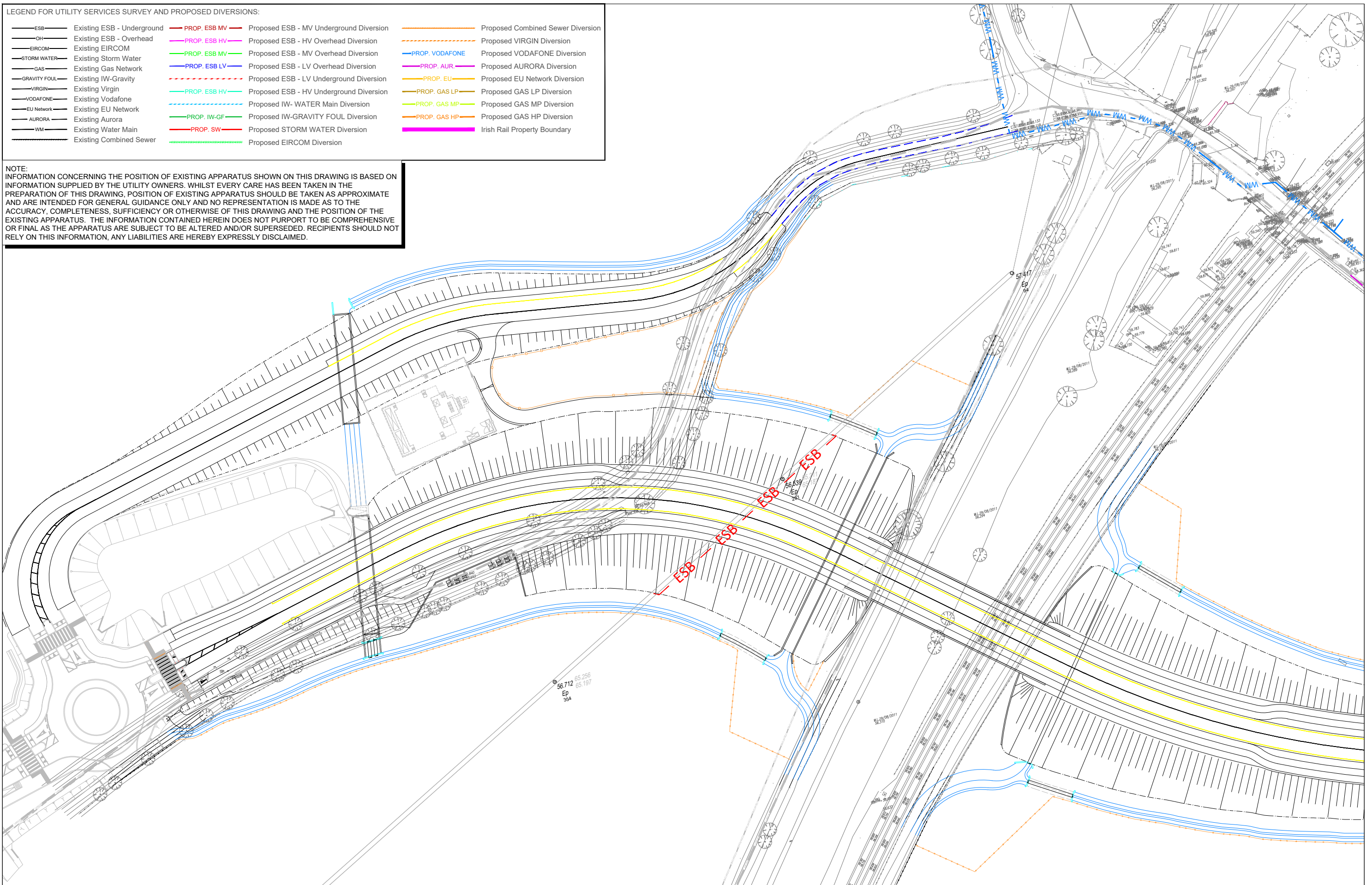
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC UTL LC04 DR Y 0114 D

Date: July 2021 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 02 of 02

LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB — Existing ESB - Underground	— PROP. ESB MV — Proposed ESB - MV Underground Diversion	— — Proposed Combined Sewer Diversion
— OH — Existing ESB - Overhead	— PROP. ESB HV — Proposed ESB - HV Overhead Diversion	— — Proposed VIRGIN Diversion
— EIRCOM — Existing EIRCOM	— PROP. ESB MV — Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE — Proposed VODAFONE Diversion
— STORM WATER — Existing Storm Water	— PROP. ESB LV — Proposed ESB - LV Overhead Diversion	— PROP. AUR — Proposed AURORA Diversion
— GAS — Existing Gas Network	— — Proposed ESB - LV Underground Diversion	— PROP. EU — Proposed EU Network Diversion
— GRAVITY FOUL — Existing IW-Gravity	— PROP. ESB HV — Proposed ESB - HV Underground Diversion	— PROP. GAS LP — Proposed GAS LP Diversion
— VIRGIN — Existing Virgin	— — Proposed IW- WATER Main Diversion	— PROP. GAS MP — Proposed GAS MP Diversion
— VODAFONE — Existing Vodafone	— PROP. IW-GF — Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP — Proposed GAS HP Diversion
— EU Network — Existing EU Network	— PROP. SW — Proposed STORM WATER Diversion	— — Irish Rail Property Boundary
— AURORA — Existing Aurora	— — Proposed EIRCOM Diversion	
— WM — Existing Water Main		
— — Existing Combined Sewer		

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Client

Project

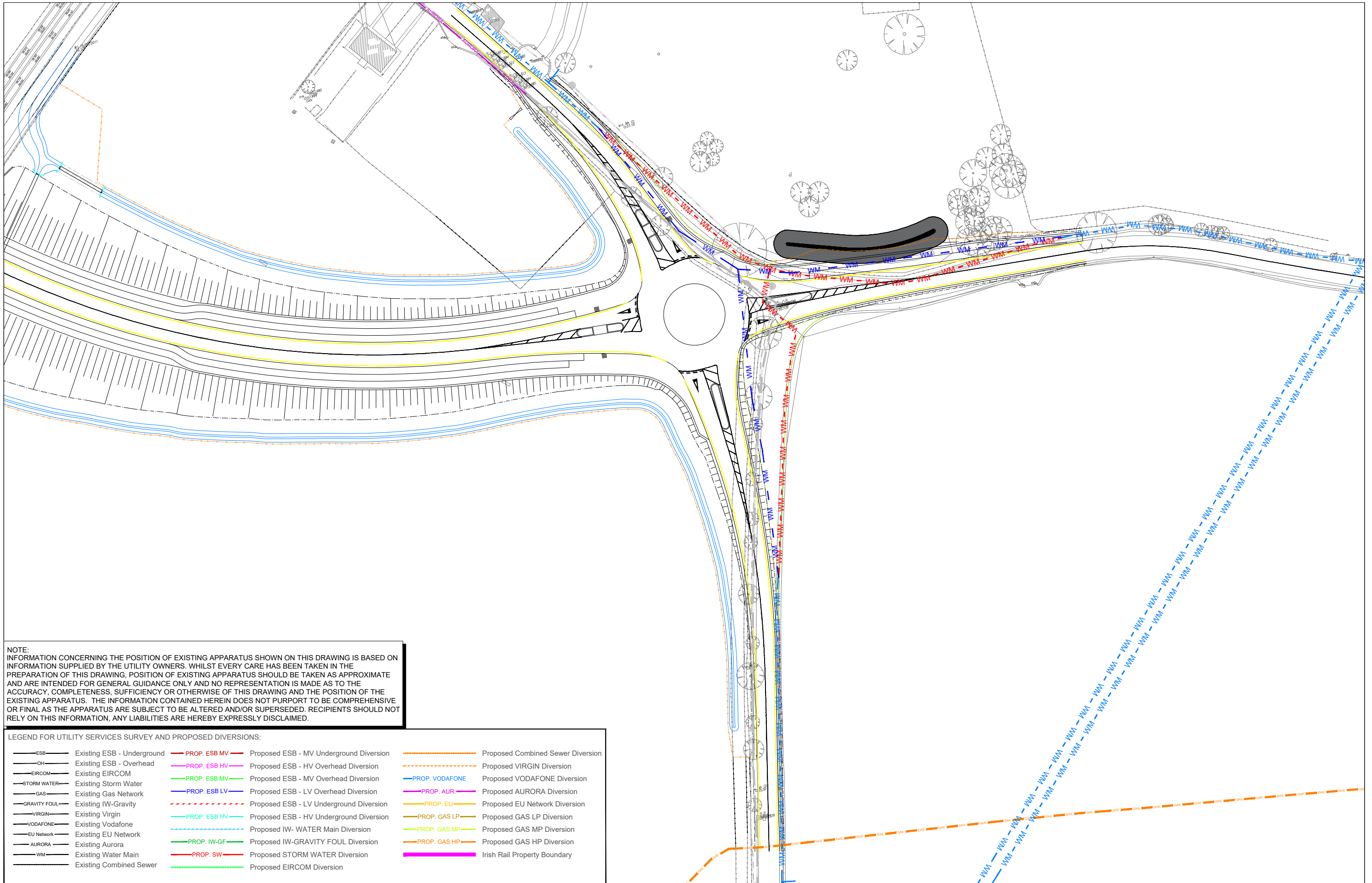
Consultant

Drawing Title

UTILITY DIVERSIONS - LC05: BARBERSTOWN SHEET 1

Scale: 1:250 @ A1 1:500 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC05	DR	Y	0115	D	
Date:	Job No.:	Status:	Rev.:					
July 2021	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 02				



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LEGEND FOR UTILITY SERVICES SURVEY AND PROPOSED DIVERSIONS:

— ESB —	Existing ESB - Underground	— PROP. ESB MV —	Proposed ESB - MV Underground Diversion	— PROP. COMBINED SEWER —	Proposed Combined Sewer Diversion
— OH —	Existing ESB - Overhead	— PROP. ESB HV —	Proposed ESB - HV Overhead Diversion	— PROP. VIRGIN —	Proposed VIRGIN Diversion
— EIRCOM —	Existing EIRCOM	— PROP. ESB MV —	Proposed ESB - MV Overhead Diversion	— PROP. VODAFONE —	Proposed VODAFONE Diversion
— STORM WATER —	Existing Storm Water	— PROP. ESB LV —	Proposed ESB - LV Overhead Diversion	— PROP. AUR —	Proposed AURORA Diversion
— GAS —	Existing Gas Network	— PROP. ESB LV —	Proposed ESB - LV Underground Diversion	— PROP. EU —	Proposed EU Network Diversion
— GRAVITY FOUL —	Existing IW-Gravity	— PROP. ESB HV —	Proposed ESB - HV Underground Diversion	— PROP. GAS LP —	Proposed GAS LP Diversion
— VIRGIN —	Existing Virgin	— PROP. IW-WATER MAIN —	Proposed IW- WATER Main Diversion	— PROP. GAS MP —	Proposed GAS MP Diversion
— VODAFONE —	Existing Vodafone	— PROP. IW-GRAVITY FOUL —	Proposed IW-GRAVITY FOUL Diversion	— PROP. GAS HP —	Proposed GAS HP Diversion
— EU NETWORK —	Existing EU Network	— PROP. SW —	Proposed STORM WATER Diversion	—	Irish Rail Property Boundary
— AURORA —	Existing Aurora	—	Proposed EIRCOM Diversion		
— WM —	Existing Water Main				
— COMBINED SEWER —	Existing Combined Sewer				

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Client

Project

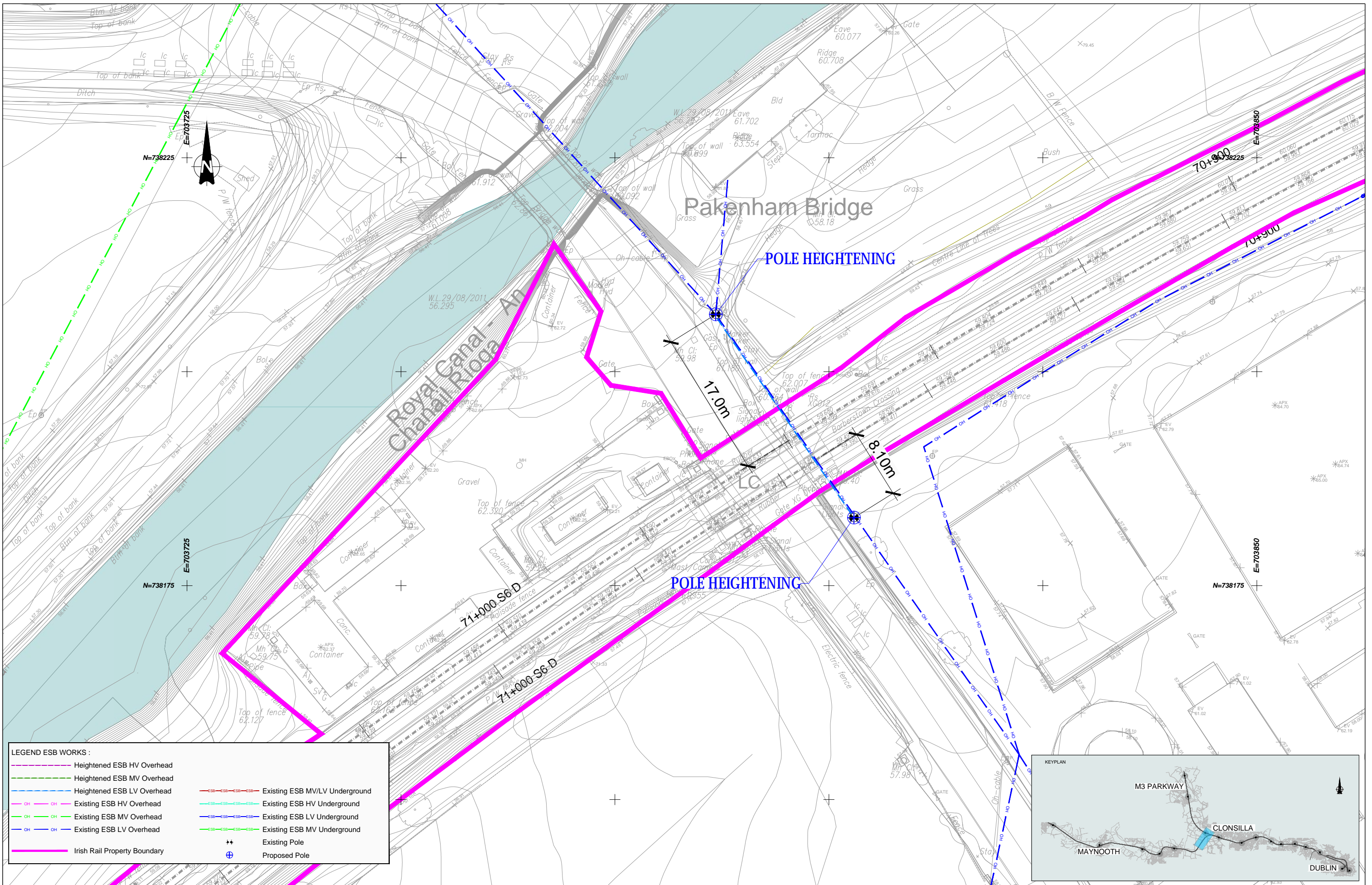
Consultant

Drawing Title

UTILITY DIVERSIONS - LC05: BARBERSTOWN SHEET 2

Scale: 1:250 @ A1 1:500 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	UTL	LC05	DR	Y	0116	D	
Date:	Job No:	Status:	Rev:					
July 2021	P/101086	F1 - Approved & Accepted	V 01	Sheet: 02 of 02				



LEGEND ESB WORKS :

	Heightened ESB HV Overhead		Existing ESB MV/LV Underground
	Heightened ESB MV Overhead		Existing ESB HV Underground
	Heightened ESB LV Overhead		Existing ESB LV Underground
	Existing ESB HV Overhead		Existing ESB MV Underground
	Existing ESB MV Overhead		Existing ESB LV Underground
	Existing ESB LV Overhead		Existing ESB MV Underground
	Irish Rail Property Boundary		Existing Pole
			Proposed Pole



V 01	May 2022	Planning Issue	JHC	LA	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLG0).

Client

Thionscald Éireann Project Ireland 2040

NTA Údarás Náisiúnta Comair

Iarnród Éireann Irish Rail

Consultant

IDOM

G3

PROD

Project

DART+ West

Drawing Title

UTILITIES DIVERSIONS
BARBERSTOWN EXISTING LC
MEDIUM & LOW VOLTAGE LAYOUT PLAN

Scale: 1:200 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC UTL LC05 DR Y 0200 D

Date: May 2022 | Job No: P/101086 | Status: F1-Approved&Accepted | Rev: V 01 | Sheet: 01 of 01