

Appendix 12. Material Assets

Appendix 12.1 – Existing Utility Drawings.

Appendix 12.2 – Proposed Infrastructure.

Appendix 12.3 – ‘MEP Engineering Report and Energy Statement, Atkins, 2022.

Appendix 12.4 – ‘*Outline Construction Waste Management Plan*’, Atkins, 2022.

Appendix 12.5 – ‘*Outline Operational Waste Management Plan*’, Atkins, 2022.

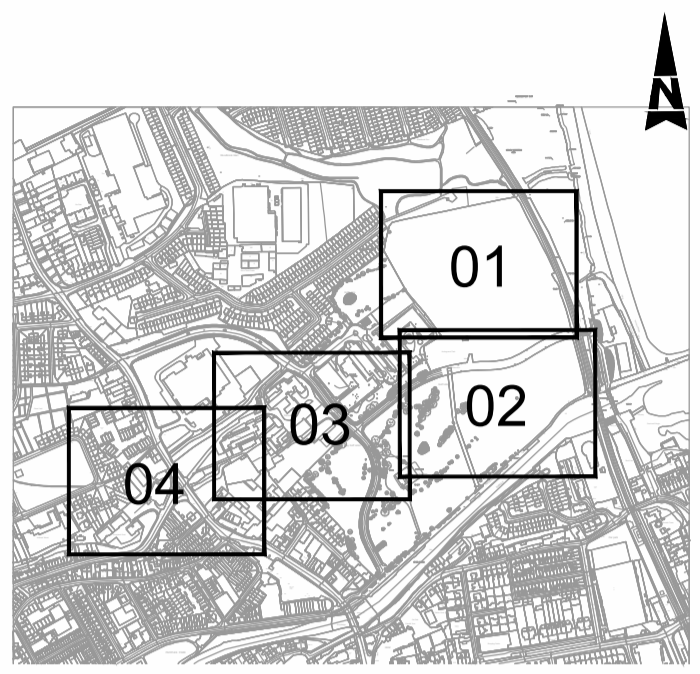
Appendix 12.1 – Existing Utility Drawings.

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DO NOT SCALE



- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
 2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
 3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
 4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR



PRELIMINARY INFORMATION

- LEGEND:**
- EXISTING ESB LV UNDERGROUND
 - EXISTING ESB LV OVERHEAD
 - EXISTING ESB MV UNDERGROUND
 - EXISTING ESB MV OVERHEAD
 - EXISTING 38kv ESB UNDERGROUND
 - EXISTING EIR DUCTING
 - EXISTING FOUL SEWER
 - FOUL WAYLEAVE
 - EXISTING WATER MAIN
 - EXISTING GAS DISTRIBUTION
 - GPR SURVEY EXTENTS
 - Water Main
 - Fire Water
 - Process Water
 - Storm Water Drainage
 - Foul Sewer
 - Combined Sewer
 - Manhole Chamber
 - Telecom
 - UPC/Virgin
 - ENET/OCEAN
 - BT/ESAT
 - Colt
 - Bend / Weld
 - Oxygen Pipe
 - Gas
 - Hydrogen Pipe
 - Oil Pipe
 - Magnet
 - Adshel
 - Traffic
 - Heating Pipe
 - Public Lighting
 - GPR Anomaly
 - Unknown Cable
 - Unknown Duct
 - Nitrogen Pipe
 - Unidentified Service

- NOTES:**
1. ALL UTILITY PIPES/INFRASTRUCTURE LOCATIONS SHOWN ARE INDICATIVE ONLY. THE ACTUAL POSITION OF EXISTING UTILITIES MAY VARY AND THE PRESENCE OF OTHER UTILITIES MAY BE POSSIBLE.
 2. IRISH WATER GIVES THIS INFORMATION AS TO THE POSITION OF ITS UNDERGROUND NETWORK AS A GENERAL GUIDE ONLY ON THE STRICT UNDERSTANDING THAT IT IS BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY EACH LOCAL AUTHORITY IN IRELAND. IT SHOULD NOT BE RELIED UPON IN THE EVENT OF EXCAVATIONS OR OTHER WORKS BEING CARRIED OUT IN THE VICINITY OF THE NETWORK. THE ONUS IS ON THE PARTIES CARRYING OUT THE WORKS TO ENSURE THE EXACT LOCATION OF THE NETWORK IS IDENTIFIED PRIOR TO MECHANICAL WORKS BEING CARRIED OUT. SERVICE PIPES ARE NOT GENERALLY SHOWN BUT THEIR PRESENCE SHOULD BE ANTICIPATED. © IRISH WATER
 3. WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH THE UTILITY PROVIDERS CODES OF PRACTICE AND SAFE WORKING GUIDELINES.

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-	FOR INFORMATION	HV	27.05.21	PE	JOK

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Client	SHANKILL PROPERTY INVESTMENTS LTD
Project	COASTAL QUARTER SHD PLANNING APPLICATION

Title				EXISTING UTILITIES SHEET 1			
Original Scale	1:500 at A1 1:1000 at A3	Design/Drawn	TD	Checked	PE	Authorised	JOK
Status	I	Drawing Number	5193890-ATK-01-ZZ-DR-CE-1530	Date	22.04.21	Date	22.04.21

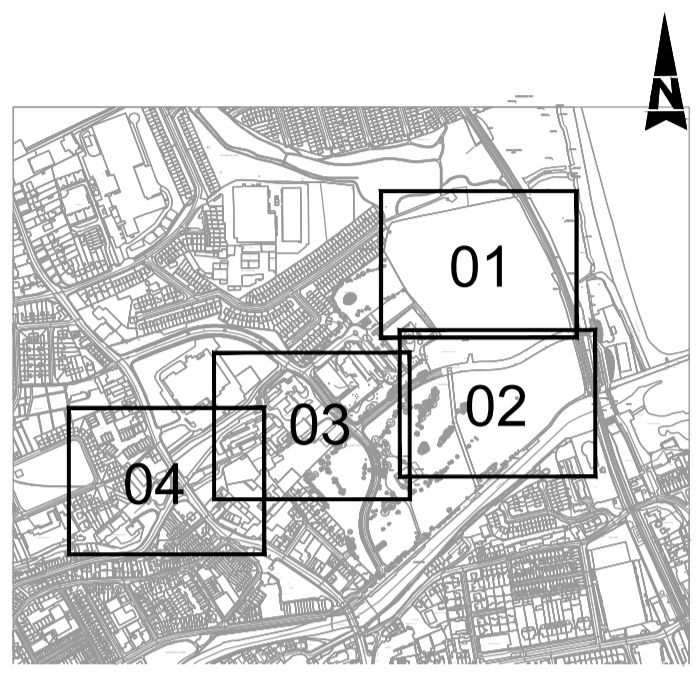
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 4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR



KEY PLAN
Scale NTS

PRELIMINARY INFORMATION

- LEGEND:**
- ESB LV UNDERGROUND
 - ESB LV OVERHEAD
 - ESB MV UNDERGROUND
 - ESB MV OVERHEAD
 - EXISTING 38kv ESB UNDERGROUND
 - EXISTING EIR DUCTING
 - EXISTING FOUL SEWER
 - FOUL WAYLEAVE
 - EXISTING WATER MAIN
 - EXISTING GAS DISTRIBUTION
 - GPR SURVEY EXTENTS
 - Water Main
 - Fire Water
 - Process Water
 - Storm Water Drainage
 - Foul Sewer
 - Combined Sewer
 - Manhole Chamber
 - Telecom
 - UPC/Virgin
 - ENET/OCEAN
 - BT/ESAT
 - Colt
 - Bend / Weld
 - Oxygen Pipe
 - Gas
 - Hydrogen Pipe
 - Oil Pipe
 - Magnet
 - Adshel
 - Traffic
 - Heating Pipe
 - Electrical
 - Public Lighting
 - GPR Anomaly
 - Unknown Cable
 - Unknown Duct
 - Nitrogen Pipe
 - Unidentified Service

- NOTES:**
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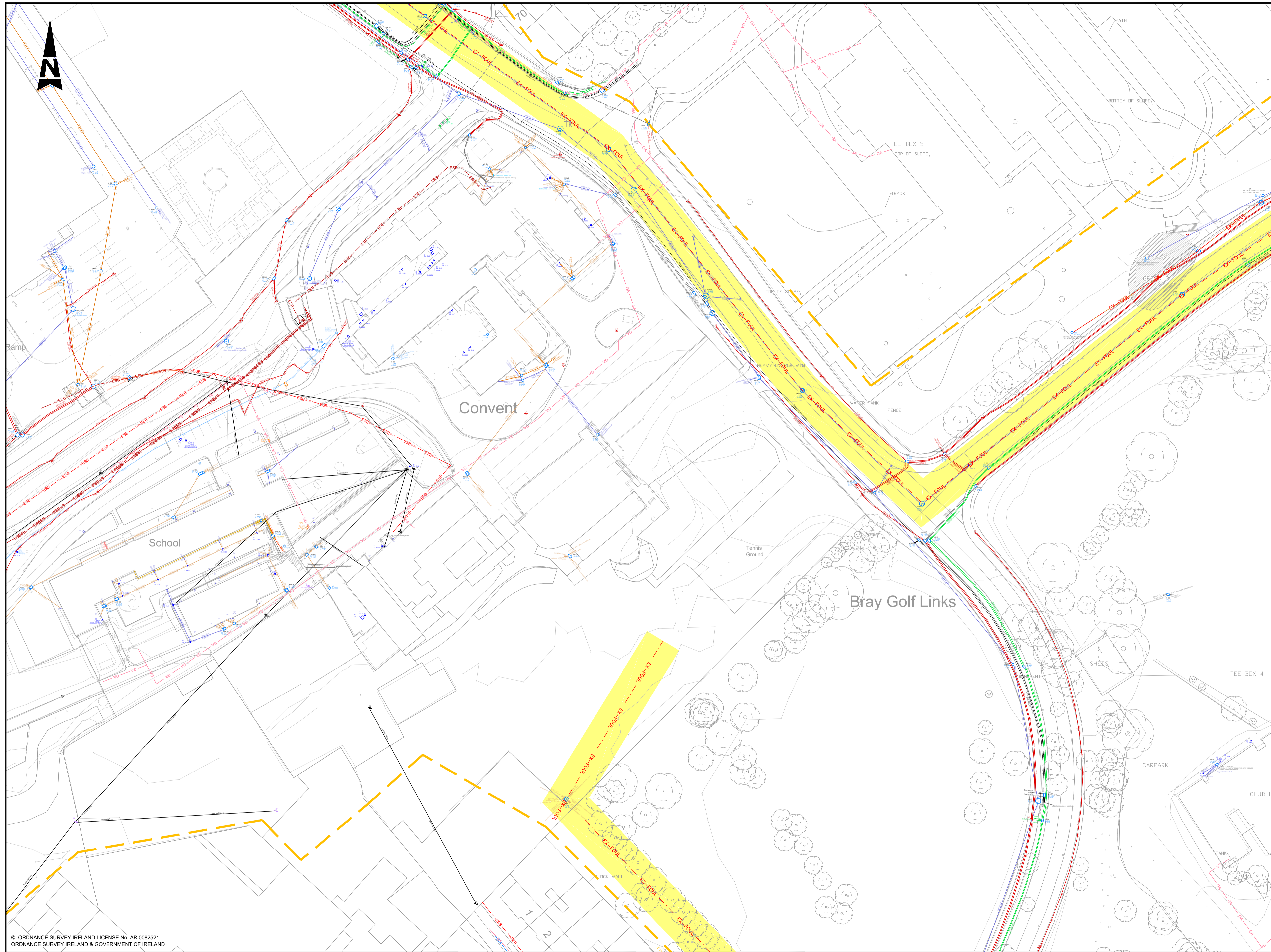
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Project	COASTAL QUARTER SHD PLANNING APPLICATION

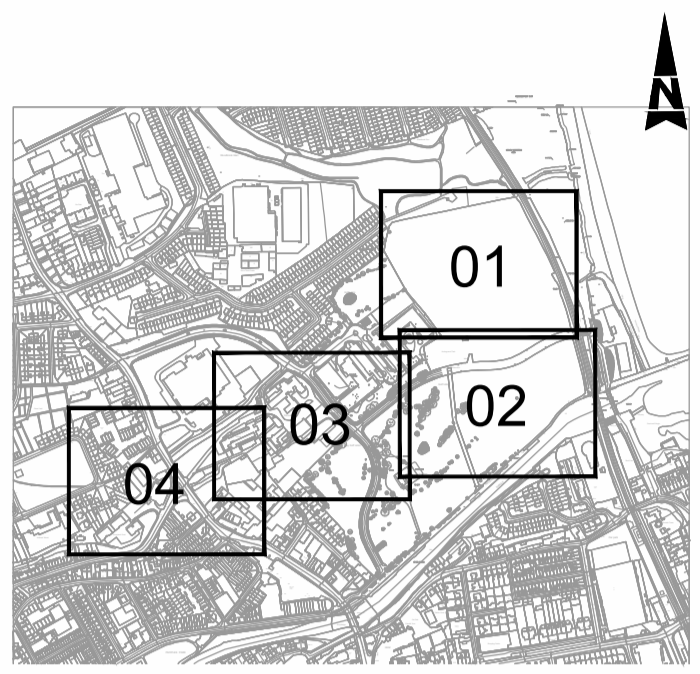
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Status	I	Drawing Number	5193890-ATK-01-ZZ-DR-CE-1531	Rev	-

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KEY PLAN
Scale NTS

PRELIMINARY INFORMATION

- LEGEND:**
- ESB-LV --- EXISTING ESB LV UNDERGROUND
 - ESB-LV --- EXISTING ESB LV OVERHEAD
 - ESB-MV --- EXISTING ESB MV UNDERGROUND
 - ESB-MV --- EXISTING ESB MV OVERHEAD
 - ESB-38kv --- EXISTING 38kv ESB UNDERGROUND
 - EI --- EXISTING EIR DUCTING
 - EX-FOWL --- EXISTING FOUL SEWER
 - FOUL WAYLEAVE
 - WM --- EXISTING WATER MAIN
 - GA --- EXISTING GAS DISTRIBUTION
 - GPR SURVEY EXTENTS
- | | |
|----------------------|----------------------|
| Water Main | Gas |
| Fire Water | Hydrogen Pipe |
| Process Water | Oil Pipe |
| Storm Water Drainage | Magnet |
| Foul Sewer | Adshel |
| Combined Sewer | Traffic |
| Manhole Chamber | Heating Pipe |
| Telecom | Electrical |
| UPC/Virgin | Public Lighting |
| ENET/OCEAN | GPR Anomaly |
| BT/ESAT | Unknown Cable |
| Colt | Unknown Duct |
| Bend / Weld | Nitrogen Pipe |
| Oxygen Pipe | Unidentified Service |

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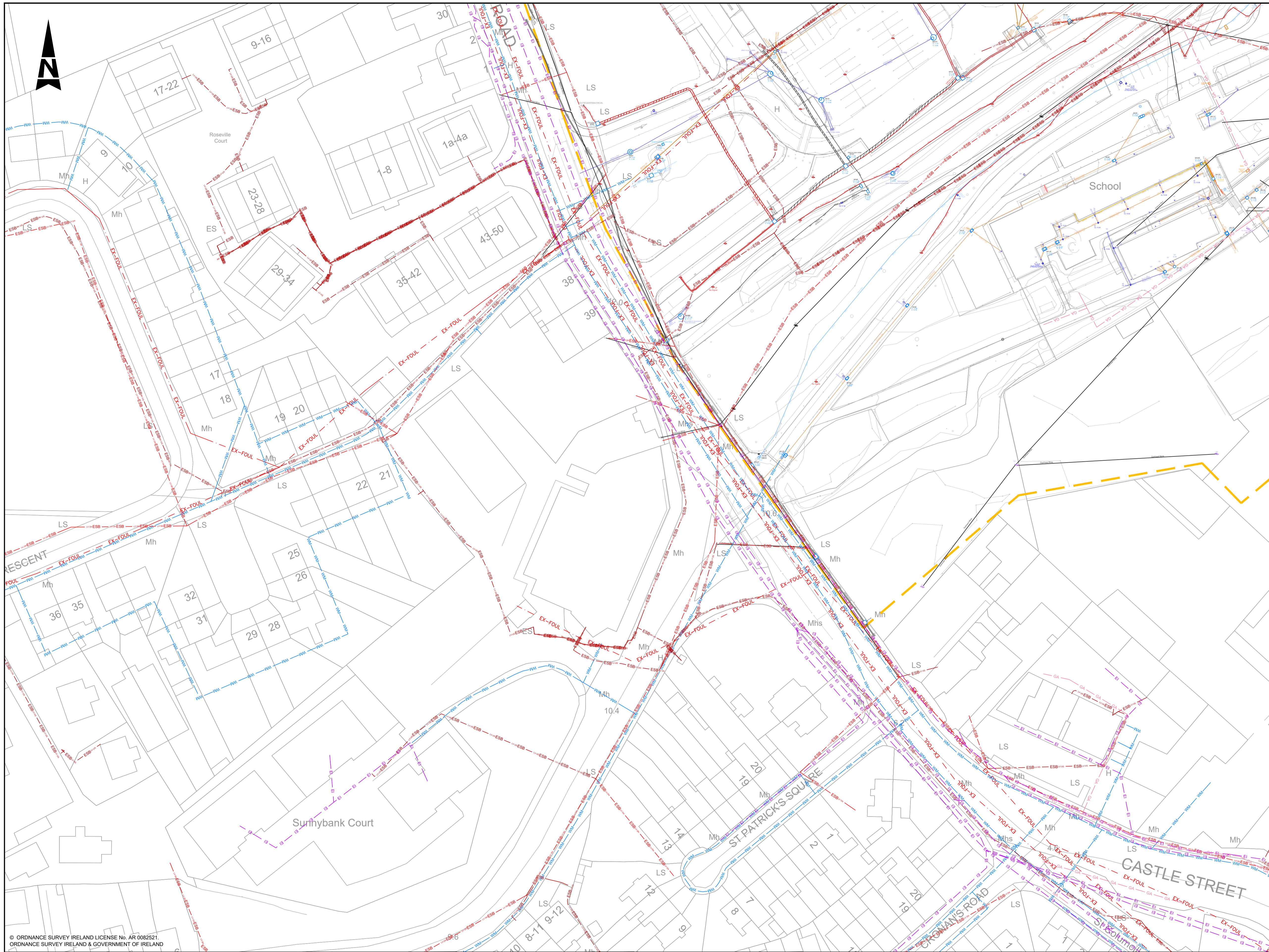
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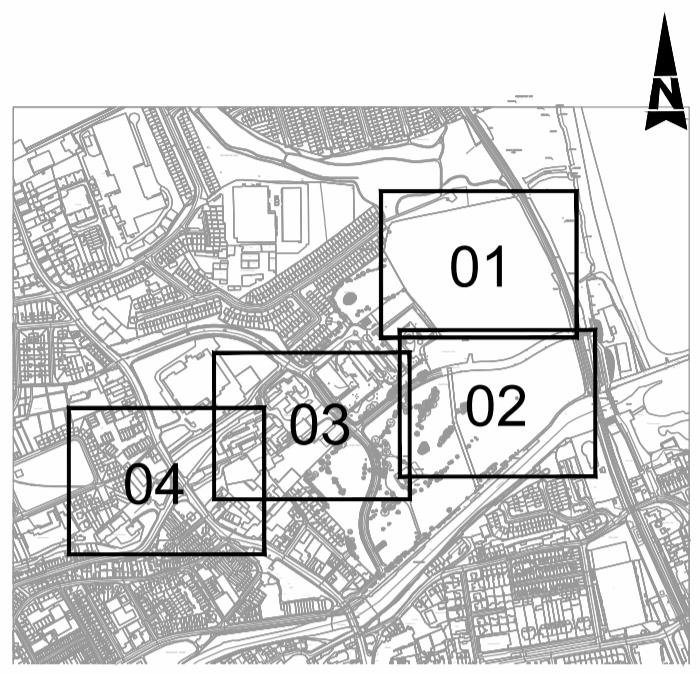
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KEY PLAN
Scale NTS

PRELIMINARY INFORMATION

- LEGEND:**
- ESB LV UNDERGROUND (Red dashed line)
 - ESB LV OVERHEAD (Red solid line)
 - ESB MV UNDERGROUND (Red dashed line)
 - ESB MV OVERHEAD (Red solid line)
 - 38kv ESB UNDERGROUND (Red dashed line)
 - EIR DUCTING (Purple dashed line)
 - EXISTING FOUL SEWER (Red dashed line)
 - FOUL WAYLEAVE (Yellow dashed line)
 - EXISTING WATER MAIN (Blue dashed line)
 - EXISTING GAS DISTRIBUTION (Red dashed line)
 - GPR SURVEY EXTENTS (Yellow dashed line)
 - Water Main (Blue solid line)
 - Fire Water (Red solid line)
 - Process Water (Blue solid line)
 - Storm Water Drainage (Blue solid line)
 - Foul Sewer (Red solid line)
 - Combined Sewer (Blue solid line)
 - Manhole Chamber (Blue solid line)
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 - BT/ESAT (Purple solid line)
 - Colt (Blue solid line)
 - Bend / Weld (Black solid line)
 - Oxygen Pipe (Black solid line)
 - Gas (Orange solid line)
 - Hydrogen Pipe (Green solid line)
 - Oil Pipe (Green solid line)
 - Magnet (Green solid line)
 - Adshel (Green solid line)
 - Traffic (Green solid line)
 - Heating Pipe (Green solid line)
 - Electrical (Black solid line)
 - Public Lighting (Red solid line)
 - GPR Anomaly (Red solid line)
 - Unknown Cable (Black solid line)
 - Unknown Duct (Black solid line)
 - Nitrogen Pipe (Green solid line)
 - Unidentified Service (Red solid line)

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Title		EXISTING UTILITIES SHEET 4			
Original Scale	1:500 at A1 1:1000 at A3	Design/Drawn	TD	Checked	PE
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