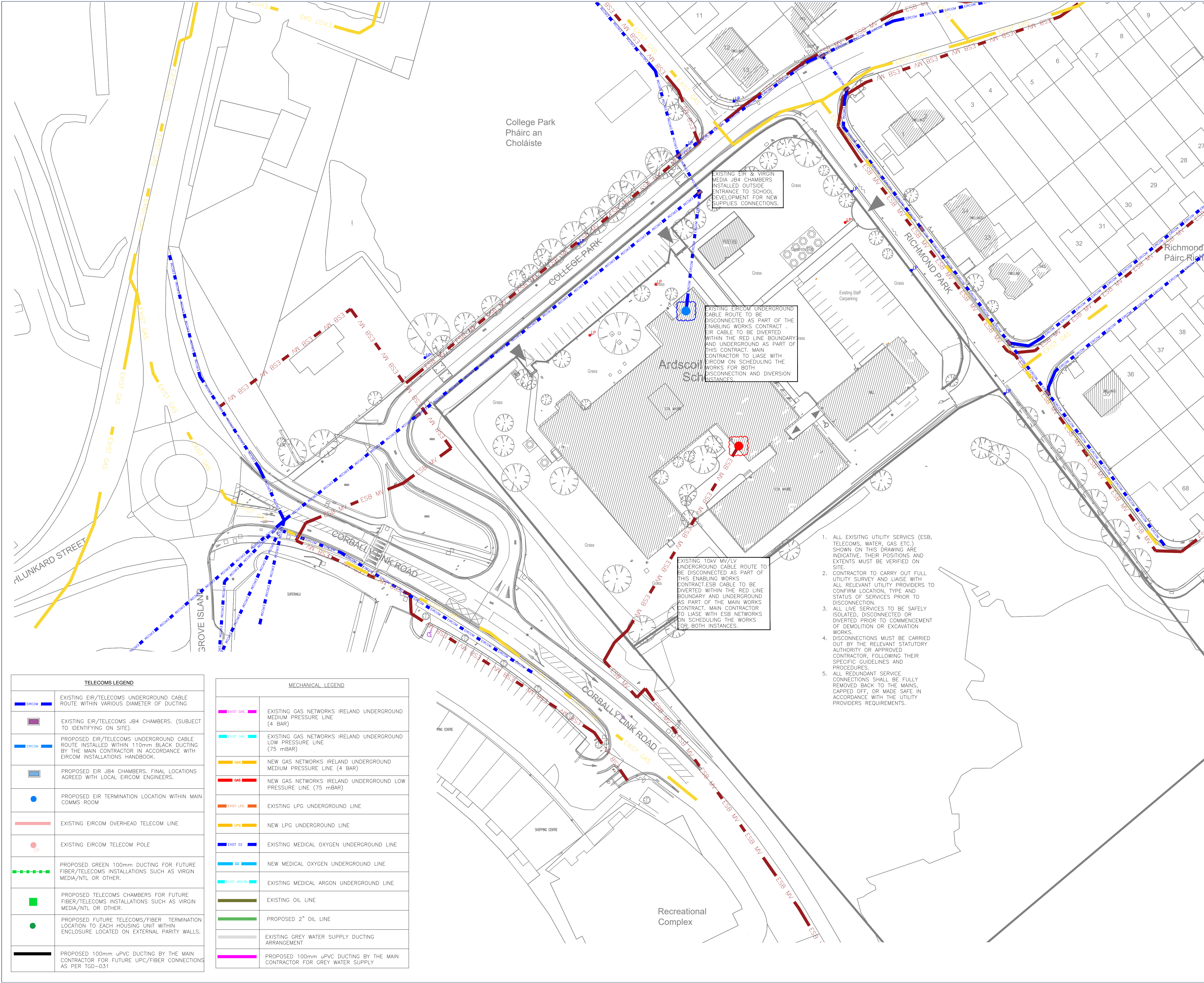




ELECTRICAL LEGEND	
	EXISTING ESB MV (38kV) OVERHEAD LINES
	EXISTING ESB MV (10kV-20kV) OVERHEAD LINES
	EXISTING ESB MV (10kV-20kV) UNDERGROUND CABLE ROUTE
	PROPOSED ESB MV (38kV) CABLE ROUTE INSTALLED WITHIN 150mm ESB MV DUCTING BY THE MAIN CONTRACTOR IN ACCORDANCE WITH ESB MV/LV SPECIFICATION HANDBOOK
	PROPOSED ESB MV (10kV-20kV) CABLE ROUTE INSTALLED WITHIN 125mm ESB MV DUCTING BY THE MAIN CONTRACTOR IN ACCORDANCE WITH ESB MV/LV SPECIFICATION HANDBOOK
	EXISTING ESB LV (400V/230V) OVERHEAD LINES
	EXISTING ESB LV (400V/230V) UNDERGROUND CABLE ROUTE
	PROPOSED ESB LV (400V/230V) CABLE ROUTE INSTALLED WITHIN 125mm ESB LV DUCTING BY THE MAIN CONTRACTOR IN ACCORDANCE WITH ESB MV/LV DUCTING SPECIFICATION HANDBOOK
	DENOTES 50mm DIA RED ESB DUCT WITH 10mm NYLON ROPE DRAW WIRE SHALL BE INSTALLED FROM ESB MINI PILLAR TO PL MICRO PILLAR
	EXISTING GNI UNDERGROUND INFRASTRUCTURE
	EXISTING STREET/SITE LIGHTING WITHIN 100mm DUCT
	PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS SHALL BE uPVC COMPLYING WITH BS3506 CLASS B OR HIGH DENSITY POLYTHENE PIPE TO IS.135 CLASS B MINIMUM SIZE 50mm WITH 100mm SPARE DUCTS DEPLOYED AT ROAD CROSSINGS.
	EXISTING CLIENT ELECTRICAL LV POWER CABLES EITHER BELOW GROUND OR OVERHEAD CABLES SUCH AS SUB-MAINS CABLING.
	PROPOSED ELECTRICAL LV POWER CABLES ROUTE INSTALLED WITHIN 100mm RED uPVC DUCTING BY THE MAIN CONTRACTOR
	PROPOSED 100mm uPVC DUCTING FOR SECURITY CABLING
	EXISTING CLIENT DATA/COMMS UNDERGROUND CABLE ROUTE
	DENOTES PROPOSED 100mm DUCTING INSTALLED IN TRENCH FOR SIRO FIBER CABLE IN CONJUNCTION WITH ESB DIVERSIONS.
	EXISTING ESB NETWORKS POLE
	EXISTING ESB NETWORKS POLE AND PUBLIC STREET LIGHTING.
	NEW ESB NETWORKS POLE
	EXISTING STREET LIGHTING LUMINAIRE AND COLUMN
	EXISTING SCHOOL LIGHTING LUMINAIRE TO BE REMOVED
	EXISTING STREET PUBLIC LIGHTING LUMINARIES TO REMAIN IN PLACE AS PER LIMERICK PUBLIC LIGHTING SPECIFICATION

1. ALL EXISTING UTILITY SERVICES (ESB, TELECOMS, WATER, GAS ETC.) SHOWN ON THIS DRAWING ARE INDICATIVE. THEIR POSITIONS AND EXTENTS MUST BE VERIFIED ON SITE.
2. CONTRACTOR TO CARRY OUT FULL UTILITY SURVEY AND LIAISE WITH ALL RELEVANT UTILITY PROVIDERS TO CONFIRM LOCATION, TYPE AND STATUS OF SERVICES PRIOR TO DISCONNECTION.
3. ALL LIVE SERVICES TO BE SAFELY ISOLATED, DISCONNECTED OR DIVERTED PRIOR TO COMMENCEMENT OF DEMOLITION OR EXCAVATION WORKS.
4. DISCONNECTIONS MUST BE CARRIED OUT BY THE RELEVANT STATUTORY AUTHORITY OR APPROVED CONTRACTOR, FOLLOWING THEIR SPECIFIC GUIDELINES AND PROCEDURES.
5. ALL REDUNDANT SERVICE CONNECTIONS SHALL BE FULLY REMOVED BACK TO THE MAINS, CAPPED OFF, OR MADE SAFE IN ACCORDANCE WITH THE UTILITY PROVIDERS REQUIREMENTS.

TELECOMS LEGEND	
	EXISTING EIR/TELECOMS UNDERGROUND CABLE ROUTE WITHIN VARIOUS DIAMETER OF DUCTING
	EXISTING EIR/TELECOMS JB4 CHAMBERS. (SUBJECT TO IDENTIFYING ON SITE).
	PROPOSED EIR/TELECOMS UNDERGROUND CABLE ROUTE. INSTALLED WITHIN 110mm BLACK DUCTING BY THE MAIN CONTRACTOR IN ACCORDANCE WITH EIRCOM INSTALLATIONS HANDBOOK.
	PROPOSED EIR JB4 CHAMBERS. FINAL LOCATIONS AGREED WITH LOCAL EIRCOM ENGINEERS.
	PROPOSED EIR TERMINATION LOCATION WITHIN MAIN COMMS ROOM
	EXISTING EIRCOM OVERHEAD TELECOM LINE
	EXISTING EIRCOM TELECOM POLE
	PROPOSED GREEN 100mm DUCTING FOR FUTURE FIBER/TELECOMS INSTALLATIONS SUCH AS VIRGIN MEDIA/NTL OR OTHER.
	PROPOSED TELECOMS CHAMBERS FOR FUTURE FIBER/TELECOMS INSTALLATIONS SUCH AS VIRGIN MEDIA/NTL OR OTHER.
	PROPOSED FUTURE TELECOMS/FIBER TERMINATION LOCATION TO EACH HOUSING UNIT WITHIN ENCLOSURE LOCATED ON EXTERNAL PARITY WALLS.
	PROPOSED 100mm uPVC DUCTING BY THE MAIN CONTRACTOR FOR FUTURE UPC/FIBER CONNECTIONS AS PER TGD-031

MECHANICAL LEGEND	
	EXISTING GAS NETWORKS IRELAND UNDERGROUND MEDIUM PRESSURE LINE (4 BAR)
	EXISTING GAS NETWORKS IRELAND UNDERGROUND LOW PRESSURE LINE (75 mBAR)
	NEW GAS NETWORKS IRELAND UNDERGROUND MEDIUM PRESSURE LINE (4 BAR)
	NEW GAS NETWORKS IRELAND UNDERGROUND LOW PRESSURE LINE (75 mBAR)
	EXISTING LPG UNDERGROUND LINE
	NEW LPG UNDERGROUND LINE
	EXISTING MEDICAL OXYGEN UNDERGROUND LINE
	NEW MEDICAL OXYGEN UNDERGROUND LINE
	EXISTING MEDICAL ARGON UNDERGROUND LINE
	EXISTING OIL LINE
	PROPOSED 2" OIL LINE
	EXISTING GREY WATER SUPPLY DUCTING ARRANGEMENT
	PROPOSED 100mm uPVC DUCTING BY THE MAIN CONTRACTOR FOR GREY WATER SUPPLY

P01

ENABLING WORKS REVIEW

DMcD

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12.08.2025

REV

DESCRIPTION

DRN

CKD

DATE

ISSUE

STAGE 2B

NATURALLY INNOVATIVE CONSULTING ENGINEERS

ISO 9001

ISO 14001

ISO 45001

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PROJECT TITLE

ARDSCOIL MHUIRE, COLLEGE PARK LIMERICK

DRAWING TITLE

ENABLING WORKS

DRAWING REFERENCE

2909-SMK-Z0-LX-DR-ME5067

DRN

DMD

SCALE

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