



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
	NEW MEDICAL ARGON UNDERGROUND LINE
	PROPOSED 2" OIL LINE
	EXISTING GREY WATER SUPPLY DUCTING ARRANGEMENT
	PROPOSED 100mm uPVC DUCTING BY THE MAIN CONTRACTOR FOR GREY WATER SUPPLY

 DUCTING INSTALLATION LEVELS TO BE CO-ORDINATED WITH CIVIL ENGINEER PROPOSED FINISHED SITE LEVELS FOR THE PROJECT.

 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE GPR SURVEY DRAWINGS WHICH INDICATES EXISTING UNDERGROUND SERVICES DETECTED.

 THESE DRAWINGS (AND ALL OTHER ELECTRICAL SERVICES DRAWINGS) SHALL BE PLOTTED IN COLOUR TO ENSURE ALL LINE TYPES CAN BE DEVOTED. ANY DISCREPANCIES SHALL BE HIGHLIGHTED TO THE ENGINEER DURING THE TENDER PERIOD AS NO CLAIMS SHALL BE ENTERTAINED THEREAFTER.

ELECTRICAL LEGEND	
	NEW ESB MV (10-20kV) OVERHEAD LINES
	EXISTING ESB MV (10kV-20kV) OVERHEAD LINES
	EXISTING ESB MV (10kV-20kV) UNDERGROUND CABLE ROUTE
	PROPOSED ESB MV (10kV-20kV) 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
	PROPOSED ESB LV (400V/230V) CABLE ROUTE INSTALLED WITHIN 100mm RED uPVC DUCTING BY THE MAIN CONTRACTOR
	EXISTING BORD GAS SUPPLY WHICH SHALL REMAIN
	EXISTING STREET/SITE LIGHTING WITHIN 100mm DUCT
	PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS SHALL BE uPVC COMPLYING WITH BS5838 CLASS B OR HIGH DENSITY POLYETHENE PIPE TO IS.135 CLASS B. MINIMUM SIZE 50mm WITH 100mm SPARE DUCTS DEPLOYED AT ROAD CROSSINGS.
	PROPOSED ELECTRICAL LV POWER CABLES ROUTE INSTALLED WITHIN 100mm RED uPVC DUCTING BY THE MAIN CONTRACTOR
	PROPOSED 100mm uPVC DUCTING FOR SECURITY CABLING
	PROPOSED 100mm DUCTING INSTALLED IN TRENCH FOR SIBS FIBER CABLE IN CONJUNCTION WITH ESB DIVERSIONS
	EXISTING ESB NETWORKS POLE
	NEW ESB NETWORKS POLE
	600x600x800 DEEP DRAW-IN CHAMBER c/w HEAVY DUTY LD
	EXISTING STREET LIGHTING LUMINAIRE AND COLUMN

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 COMMONS 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 PARTY WALLS.

PO2 UPDATED ONLINE WITH ARCH CHANGES	SK	SP	14.05.2020
REV DESCRIPTION	DRN	CKD	DATE

ISSUE PRELIMINARY STAGE

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PROJECT TITLE
ROBBERS LANE, MAUGHERABOY
 DRAWING TITLE
UTILITY DIVERSIONS

DRAWING REFERENCE	DRN	SCALE
2712-SMK-SI-00-DR-ME-6001	RM	A1 1:500