

LEGEND	
	PROPOSED 100mm DEDICATED DUCTING BY THE MAIN CONTRACTOR FOR PRESENT AND FUTURE eCAR CHARGING POWER POINTS & CABLES
	PROPOSED 150mm DEDICATED DUCTING BY THE MAIN CONTRACTOR FOR PRESENT AND FUTURE eCAR CHARGING POWER POINTS & CABLES
	PROPOSED 50mm DEDICATED DUCTING BY THE MAIN CONTRACTOR FOR PRESENT AND FUTURE eCAR CHARGING CDMs CABLES
	PROPOSED 100mm DEDICATED DUCTING BY THE MAIN CONTRACTOR FOR PRESENT AND FUTURE eCAR CHARGING CDMs CABLES
	PROPOSED 800x800mm DEDICATED FORMED MANHOLE WITH HEAVY DUTY LIDS FOR PRESENT AND FUTURE eCAR CHARGING PULLING IN OF CABLES
	ELECTRICAL SWITCH BOARD
	PROPOSED DUAL TYPE 22kW PEDESTAL TYPE eCAR CHARGING POINT
	DENOTES 100mm DIAM DUCTING UPSTAND LOCATION CAPPED FOR FUTURE eCAR EQUIPMENT
	EXTERNAL FEEDER PILLAR LOCATIONS FOR EV CHARGING INFRASTRUCTURE. DIMENSIONS HEIGHT, WIDTH, DEPTH 1600 X 1250 X 450MM. A 450MM X 900MM CHAMBER TO BE PROVIDED AT THESE LOCATIONS FOR THE INSTALLATION OF CABLES

SERVICES NOTES:-

SUPPLY AND INSTALLATION OF ALL MANHOLES, DUCTING AND CHAMBERS SHALL BE BY MAIN CONTRACTOR.

LONG-RADIUS EASY SWEEP BENDS SHALL BE UTILISED ON ALL DUCTING ROUTES.

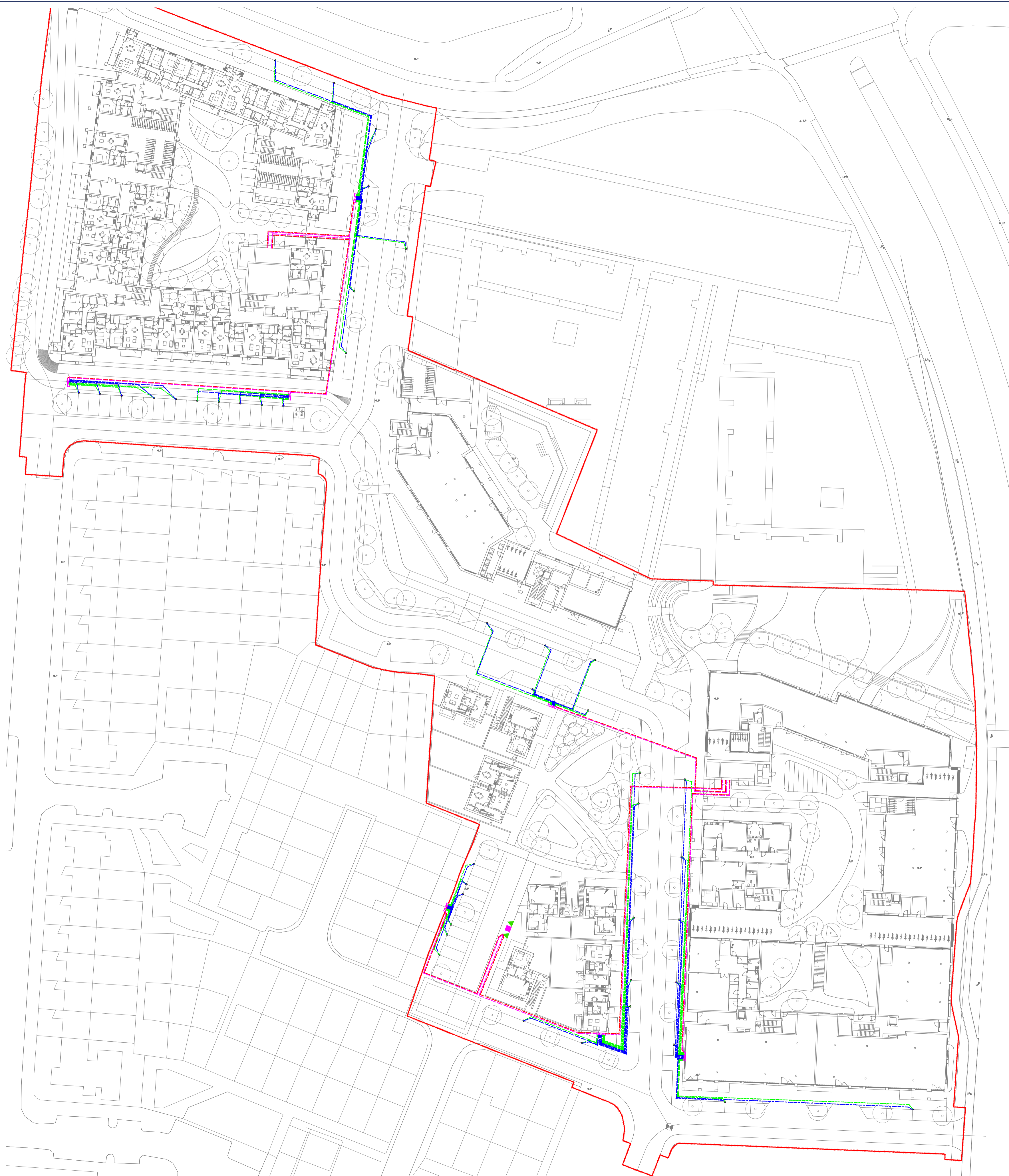
MAIN CONTRACTOR SHALL CARRY OUT PULL TESTS ON ALL SERVICES DUCTING INSTALLATIONS.

ALL ELECTRICAL SERVICES DUCTING SUPPLIED AND INSTALLED FOR ELECTRICAL CABLES SHALL BE COLOURED RED IN ACCORDANCE WITH ET101:2020 WIRING REGULATIONS. THIS DUCTING SHALL NOT BE ANY OTHER COLOUR NOR SHALL IT BE ESB DUCTING. THIS SHALL BE THE RIBBED OUTER TYPE DUCTING.

DRAW IN CHAMBERS AND MANHOLES SHALL BE CAREFULLY CO-ORDINATED WITH ALL OTHER SERVICES AND UTILITIES ON SITE. NO CHAMBERS TO BE PROVIDED ON ESB NETWORKS CABLE ROUTES.

MAIN CONTRACTOR TO PROVIDE AND INSTALL 10mm DIA DRAW IN ROPES IN ALL DUCTS.

70 CAR PARKING SPACES
41 NO. eCAR CHARGER LOCATIONS IDENTIFIED
20 NO. 22KW CHARGERS TO BE INSTALLED.
TOTAL NON-DIVERSIFIED LOAD 440KW



P01 PART 8 SUBMISSION	GD	SF	21.10.2024
REV DESCRIPTION	DRN	CKD	DATE
ISSUE			
PLANNING STAGE			
NATURALLY INNOVATIVE CONSULTING ENGINEERS			
	Belfast +44 (0)28 90331700 Castleblayney +353 (0)42 9749570 www.semplemckillop.com admin@semplemckillop.com		
PROJECT TITLE			
SOCIAL HOUSING BUNDLE 5			
DRAWING TITLE			
BALLYMUN, CO. DUBLIN eCAR CHARGING DUCTING REQUIREMENTS			
DRAWING REFERENCE		DRN	SCALE
SHB5-BMV-DR-SMK-ME-P3-6035		GD	A1 1:500