



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 COMMS CABLES
	PROPOSED 100mm DEDICATED DUCTING BY THE MAIN CONTRACTOR FOR PRESENT AND FUTURE eCAR CHARGING COMMS 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 DIA 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.

56 NO. CAR PARKING SPACES
 31 NO. eCAR CHARGER LOCATIONS IDENTIFIED
 16 NO. 22kW CHARGERS TO BE INSTALLED.
 TOTAL NON-DIVERSIFIED LOAD 352kW

P01 UPDATED SITE LAYOUT	GD	SF	11.07.2024
REV DESCRIPTION	DRN	CKD	DATE
ISSUE PRELIMINARY STAGE			
NATURALLY INNOVATIVE CONSULTING ENGINEERS Belfast +44 (0)28 90331700 Castleblayney +353 (0)42 9749570 Registered www.semplemckillop.com admin@semplemckillop.com			
PROJECT TITLE			
NDA SOCIAL HOUSING BUNDLE 4			
DRAWING TITLE			
COLLINS AVENUE, CO. DUBLIN eCAR CHARGING DUCTING REQUIREMENTS			
DRAWING REFERENCE		DRN	SCALE
SHB4-CAD-DR-SMK-ME-P3-6035		GD	A1 1:500