

COLOUR CONVENTIONS
BLACK - EXISTING OR UNCHANGED
BLUE - MODIFIED OR TO BE MOVED
GREEN - REDUNDANT OR TO BE REMOVED
RED - PROPOSED OR ADDITIONAL
PURPLE - WORKS BY OTHERS

- NOTES:
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS/DOCUMENTS:-
-172768-AMR-FOB-EPT-006001 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE FORM B.
-172768-AMR-DRG-EPT-006002 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE CABLE ROUTING DIAGRAM.
-172768-AMR-DRG-EPT-006003 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE SINGLE LINE DIAGRAM.
-172768-AMR-DRG-EPT-006004 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE EARTHING BLOCK DIAGRAM.
-172768-AMR-DRG-EPT-006005 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE GRP ELEVATION DRAWING.
-172768-AMR-RSA-EPT-006001 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE DESIGNER RISK ASSESSMENT.
-172768-AMR-CAL-EPT-006001 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE LVAC CABLE CALCS.
-172768-AMR-SCH-EPT-006001 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE WIRING TERMINATION SCHEDULE.
 - THE PROPOSED FEEDER PILLAR SHALL BE EQUIPPED WITH AN ANTI-CONDENSATION HEATER, LED LIGHTING WITH A MANUAL SWITCH AND A DOUBLE 13A SOCKET WITH RCD PROTECTION FOR MAINTENANCE, IN ACCORDANCE WITH THE REQUIREMENTS OF NR.
 - IT HAS BEEN CONSIDERED THAT THE EXISTING LIGHTNING PROTECTION IS AS PER THE LATEST APPLICABLE STANDARDS AND THE PROPOSED INSTALLATION OF EV CHARGERS AND ASSOCIATED EQUIPMENT DOES NOT NEED ANY ADDITIONAL DESIGN CONSIDERATION FOR LIGHTNING RISK.
 - REFER TO CIVIL DRAWINGS FOR CIVIL CMS AND STRUCTURAL SUPPORT DETAILS.
 - ALL PROPOSED CABLE TRAYS TO BE COVERED WITH ANTI-TAMPERED LIDS AND ALL SECTIONS OF THE CABLE TRAYS WILL NEED TO BE BONDED WITH EACH OTHER.
 - ONCE ALL CABLES HAVE BEEN DRAWN INTO DUCTS, ALL HOLES SHALL BE SEALED BY A WATERPROOF SEALING COMPOUND TO PREVENT THE INGRESS OF WATER AND VERMIN.
 - THE PROPOSED FEEDER PILLAR SHALL BE DESIGNED TO HAVE SLOPING ROOF TO PREVENT LITTERING.
 - THE EXPORTING DEVICE IS A METERING DISPLAY UNIT WHICH WILL BE INSTALLED BY SMS PLC TO MEASURE THE CURRENT OF THE MCCB. THIS EXPORTING DEVICE IS INSTALLED NEXT TO THE FEEDER PILLAR.
 - THE EXISTING EARTHING SYSTEM IS TN-CS PME.

P01	29/03/23	ISSUED FOR REVIEW	VM	TS	NR
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					

S0 - WORK IN PROGRESS



The Quadrant, Car Park
Elder Gate
Milton Keynes
MK9 1EN

Contractor(s)

AMCO GIFFEN

124 City Road
EC1V 2NX
London

Project

C2222 - NR ELECTRIC
VEHICLE CHARGING
GRIP 5

Drawing Title

MANCHESTER PICCADILLY
SHORT STAY CAR PARK
EV CHARGING INFRASTRUCTURE
PROPOSED GENERAL ARRANGEMENT

Designed	S LAKSHMI	Signed		Date	28/03/23
Drawn	V MANDHOTRA	Signed		Date	29/03/23
Checked	T SIVA	Signed		Date	30/03/23
Approved	N RIAZ	Signed		Date	30/03/23
Scale(s)	R.T.D.	ELR & Mileage			
Alternative Reference	C2222-POI-DRG-EP-140001	Sheet	01	of	01
Drawing Number	172768-AMR-DRG-EPT-006001	Revision			P01

KEY PLAN
SCALE 1:500

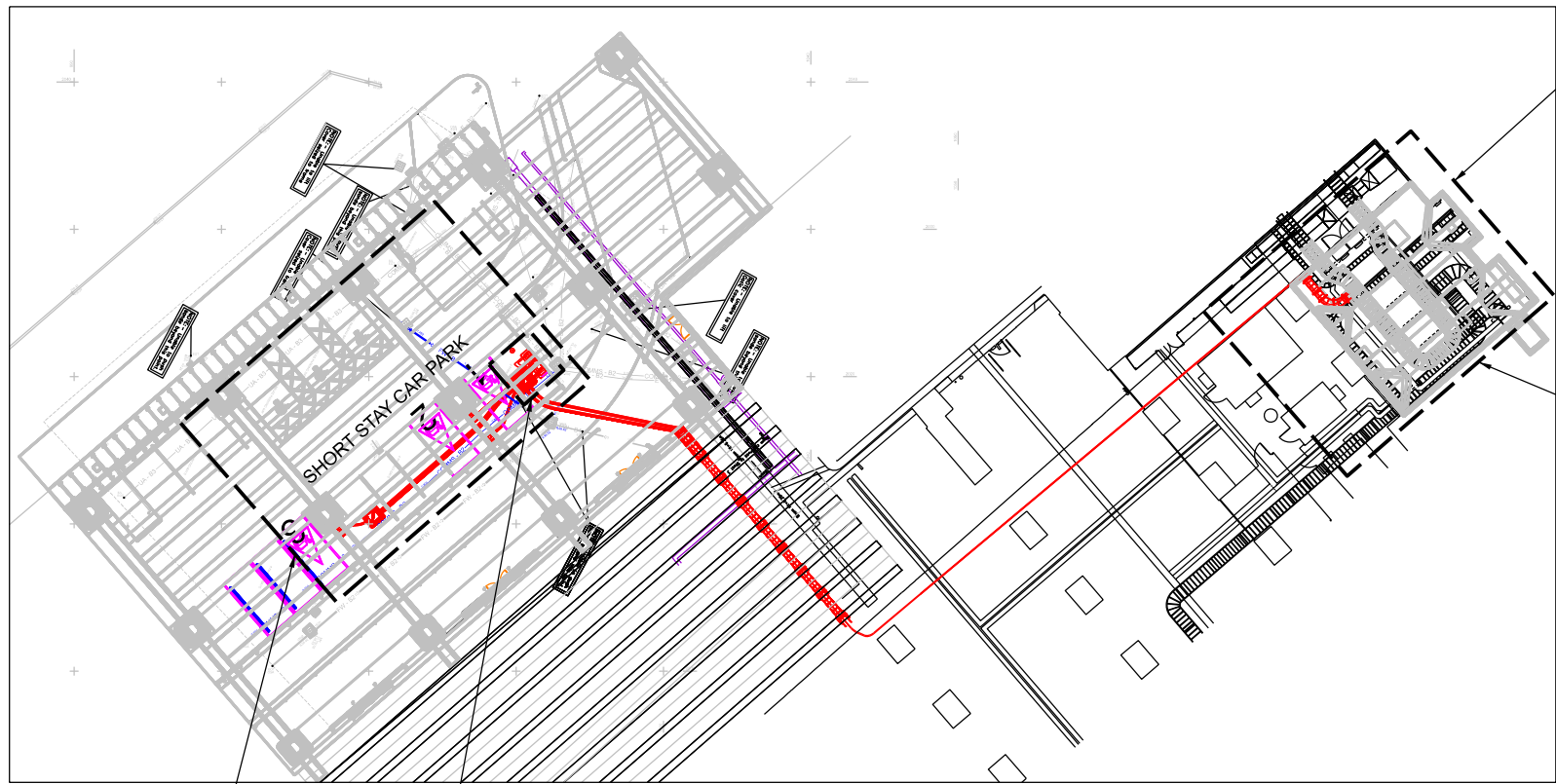


PHOTO 01

LOCATION OF EXISTING LV PANEL (MSB01-01)



MSB01-01
(SECTION F17)
MCCB TO BE
MODIFIED

PHOTO 02

LOCATION OF EXISTING LV SWITCHROOM



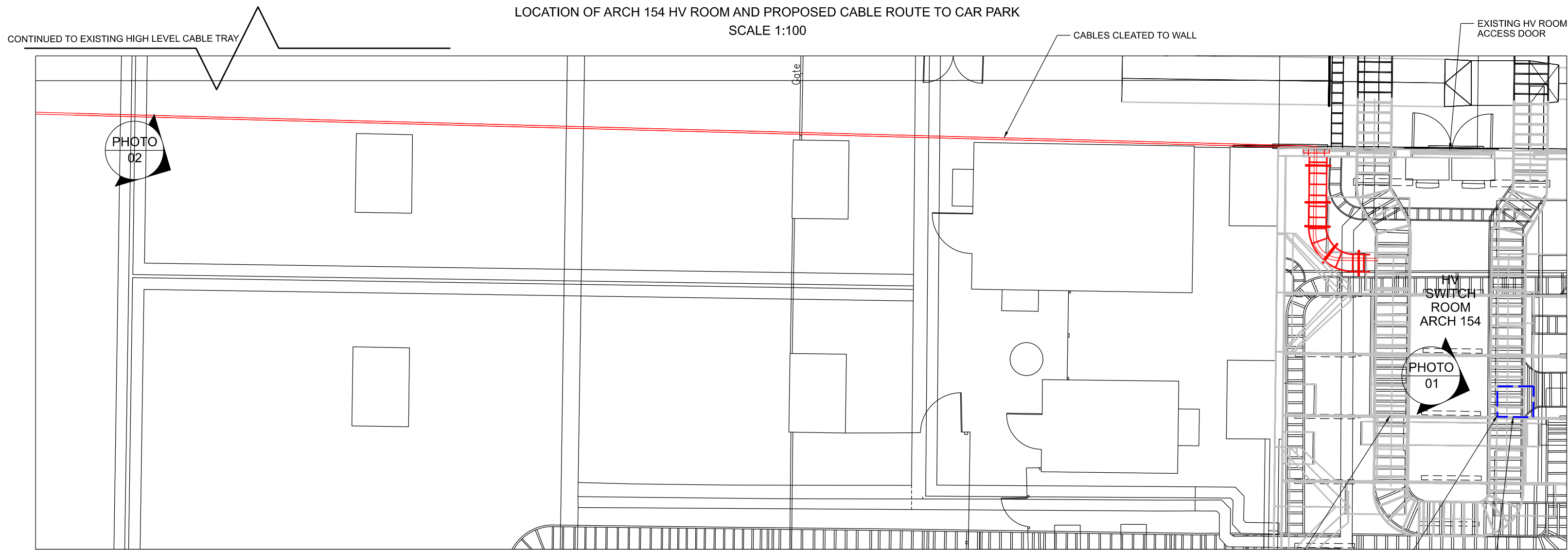
EXISTING LV
SWITCHROOM

PHOTO 03

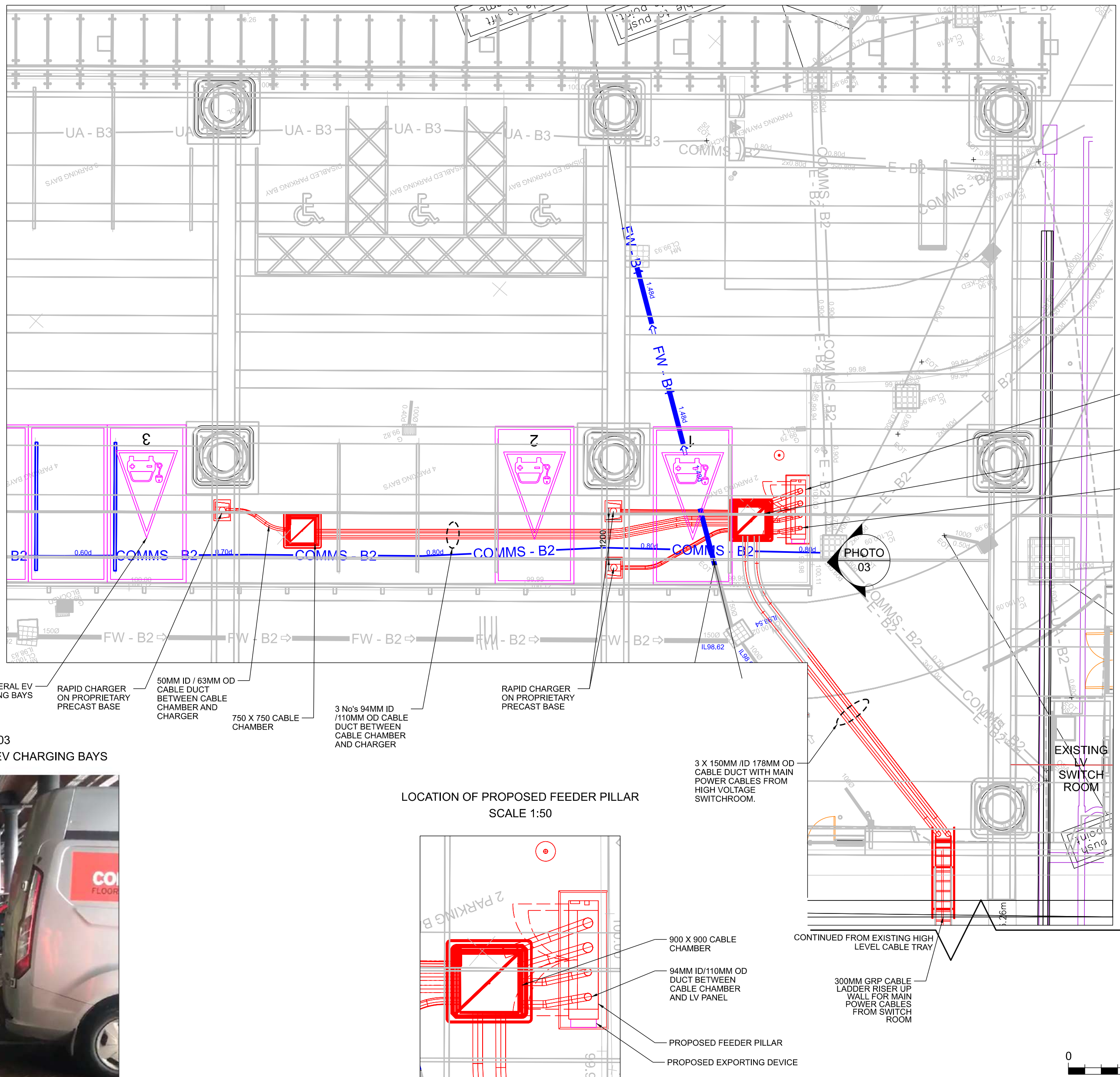
LOCATION OF GENERAL EV CHARGING BAYS



LOCATION OF ARCH 154 HV ROOM AND PROPOSED CABLE ROUTE TO CAR PARK
SCALE 1:100



LOCATION OF PROPOSED EV CHARGING BAY
SCALE 1:100



LOCATION OF PROPOSED FEEDER PILLAR
SCALE 1:50

