

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:
1. 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-006001 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE GENERAL ARRANGEMENT.
-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 CALC.
-172768-AMR-SCH-EPT-006001 - MANCHESTER PICCADILLY SHORT STAY CAR PARK EV CHARGING INFRASTRUCTURE WIRING TERMINATION SCHEDULE.
 2. 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.
 3. 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.
 4. REFER TO CIVIL DRAWINGS FOR CIVIL CMS AND STRUCTURAL SUPPORT DETAILS.
 5. 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.
 6. 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.
 7. THE PROPOSED FEEDER PILLAR SHALL BE DESIGNED TO HAVE SLOPING ROOF TO PREVENT LITTERING.
 8. 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.
 9. THE EXISTING EARTHING SYSTEM IS TN-CS PME.

P01	29/03/23	ISSUED FOR REVIEW	SK	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)

Whaley Road
Barugh
Barnsley
S75 1HT



124 City Road
EC1V 2NX
London

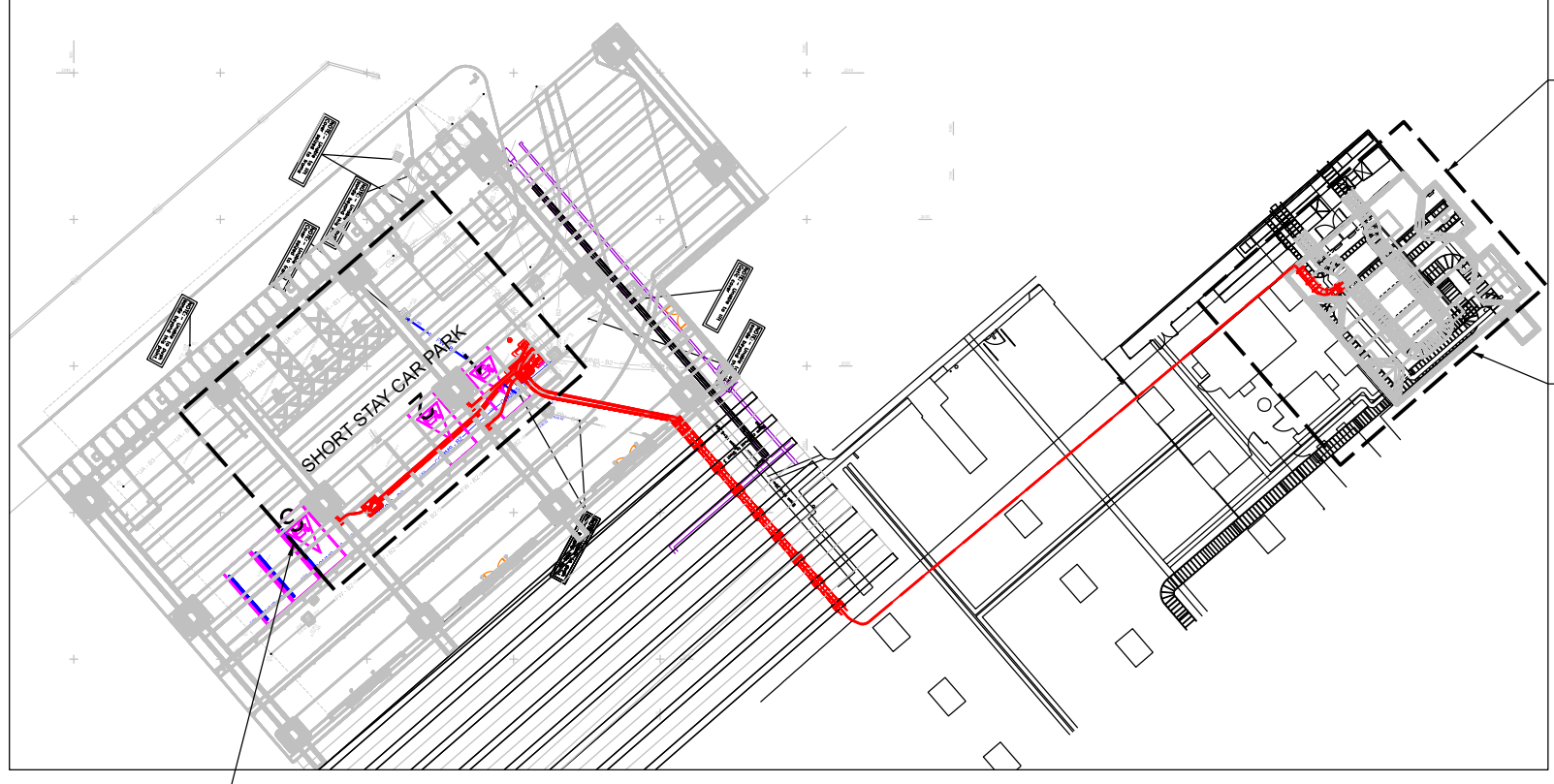
Project

C2222 - NR ELECTRIC
VEHICLE CHARGING
GRIP 5

Drawing Title
MANCHESTER PICCADILLY
SHORT STAY CAR PARK
EV CHARGING INFRASTRUCTURE
PROPOSED CABLE ROUTING

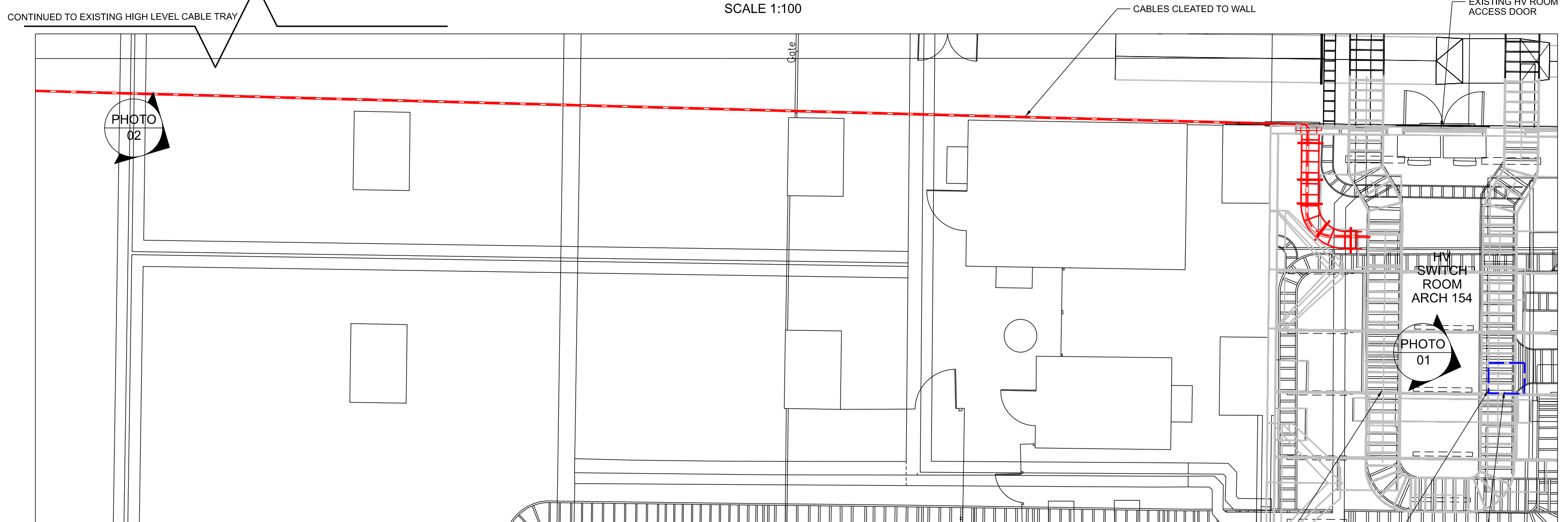
Designed	S LAKSHMI	Signed		Date	28/03/23
Drawn	S KAUNDAL	Signed		Date	29/03/23
Checked	T SIVA	Signed		Date	30/03/23
Approved	N RIAZ	Signed		Date	30/03/23
Scale(s)	R.T.D.	ELR & Mileage	-		
Alternative Reference	C2222-POI-DRG-EP-140002	Sheet	01	of	01
Drawing Number	172768-AMR-DRG-EPT-006002	Revision			P01

KEY PLAN
SCALE 1:500

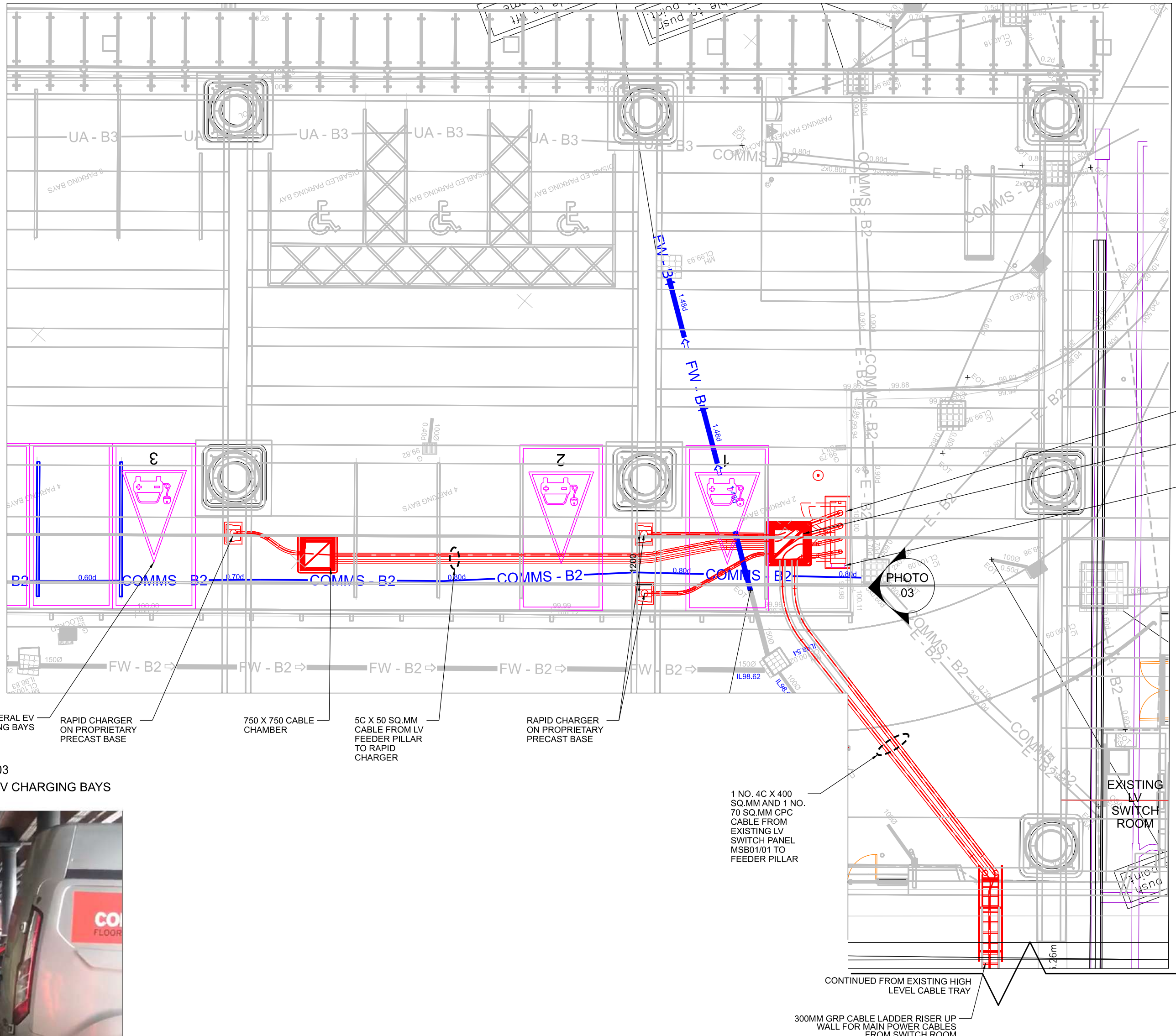


LOCATION OF
PROPOSED EV
CHARGING BAYS

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



PROPOSED FEEDER PILLAR
900 X 900 CABLE
CHAMBER
PROPOSED EXPORTING
DEVICE

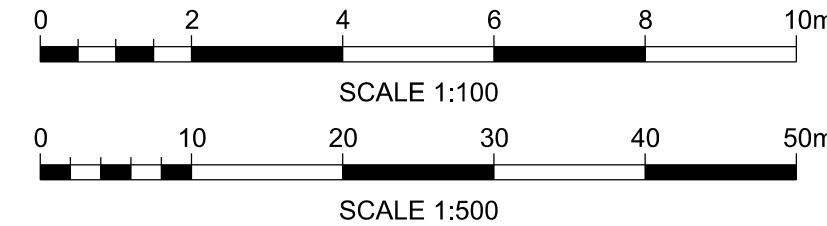


PHOTO 01
LOCATION OF EXISTING LV PANEL (MSB01-01)



MSB01-01
(SECTION F17)
MCCBs TO BE
MODIFIED

PHOTO 02
LOCATION OF EXISTING LV SWITCHROOM



EXISTING LV
SWITCHROOM

PHOTO 03
LOCATION OF GENERAL EV CHARGING BAYS

