EXISTING QC45 CHARGER TO BE REMOVED. KERBING TO BE DEMOLISHED AND AREA TO BE PREPARED FOR NEW FINISH AS INDICATED.

NEW DNO PARKING BAYS

NEW RETAINING WALL AND HAND RAIL AS PER ENGINEER'S DETAILS.

EXISTING PCP TO BE RELOCATED AS INDICATED. ALL SERVICES TO BE REROUTED ACCORDINGLY.

POSSIBLE NEW CANOPY STRUCTURAL COLUMNS WITH REINFORCED CONCRETE FOOTINGS AS PER ENGINEER'S DETAILS.

EXISTING CANOPY TO BE ALTERED TO SUIT NEW PUMP ISLAND FORMAT (2X EXISTING PUMP ISLANDS TO BE COVERED)

NEW ARMCO BARRIER OR BOLLARDS TO BE INSTALLED - TBC

POSSIBLE NEW BESPOKE EV CHARGING HUB CANOPY OVER.

EXISTING PUMP ISLANDS (P5/6 & P7/8) TO BE DECOMMISSIONED AND DEMOLISHED. PIPEWORK TO BE MADE REDUNDANT AND MADE GOOD.

CAR PARKING REVERSING SPACE OVER 6M HOWEVER LESS THAN IDEAL

EXIT CROSSOVER

ENTRANCE CROSSOVER

ENTRANCE CROSSOVER

EXISTING CANOPY OUTLINE

SUBSTATION GRP ENCLOSURE

LV PADE GRP ENCLOSURE 3000mm x 2000mm x 2480mm H

PUMP 1/2 HIGH SPEED DIESEL

2 X 55,000l TANK FARM

T1 - 20,000l

T2 - 20,000l

T3 - 35,000l

T4 - 35,000l

T1-VP D

T2-VP UL

T3-UL

T4-D

OFFSET FILLS & VENTS

Class -1 Petrol Interceptor

NEW SOAKAWAY

VACUUM

BRIGHTON ROAD

A1 ORIGINAL PLOT SIZE

SCALE BAR 1:100@A1

0 1 2 3 4 5 6 7 8 9 10

METERS

GENERAL NOTES

THIS DRAWING HAS BEEN PREPARED FOR PLANNING PURPOSES ONLY.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING:

SHOREHAM AIRPORT - 12038413 - PLNG-00 2023- Site location Plan
SHOREHAM AIRPORT - 12038413 - PLNG-01 2023- Existing Layout
SHOREHAM AIRPORT - 12038413 - PLNG-02 2023- Proposed Layout 1:200
SHOREHAM AIRPORT - 12038413 - PLNG-02 2023-1 Proposed Layout 1:100
SHOREHAM AIRPORT - 12038413 - PLNG-03 2023- EV Equipment
SHOREHAM AIRPORT - 12038413 - PLNG-04 2023- Tracking Plan
SHOREHAM AIRPORT - 12038413 - PLNG-05 2023- Block Plan
SHOREHAM AIRPORT - 12038413 - PLNG-06 2023- Proposed EV canopy Detail
SHOREHAM AIRPORT - 12038413 - PLNG-07 2023- Existing site elevations
SHOREHAM AIRPORT - 12038413 - PLNG-08 2023- Proposed site elevations.

SCHEDULE OF AREAS	
Ownership Boundary (Red Line)	0.108 Hectare / 0.268 Acre
Application Boundary (Blue Line)	0.347 Hectare / 0.857 Acre
Existing Customer Parking	0 Bays
Proposed Customer Parking	9 EV Bays + 7 Bays

SCHEME PROPOSAL

Installation of 9 no. Tritium PKM 150 fast charge vehicle points located in current location of current parking bays.

New Inverter compound formed adjacent.

New Sub-Station and LV cabinet situated on site.

New Shell standard 2,2m High hit and Miss timber compound Fence to house GRP cabinets, Comms. / Power/ Transformer Cabinets.

New Floodlight and cctv to cover new installations.

Existing A/W machine to be relocated to new area next to side of building with new steel bollards.

SURFACING LEGEND	
	DENOTES 175mm DEPTH SINGLE REINFORCED FORECOURT CONCRETE TO SHELL DESIGN STANDARD
	DENOTES 100mm DEPTH NON LOAD BEARING CONCRETE TO SHELL DESIGN STANDARD
	DENOTES FULL DEPTH CONSTRUCTION STONE MASTIC ASPHALT (SMA) TO SHELL DESIGN STANDARD
	DENOTES AREA OF PROPOSED PEA GRAVEL
	DENOTES PROPOSED LANDSCAPED AREA (REINSTATED)
	DENOTES NEW 600mm x 600mm ELECTRIC/DATA CHAMBER
	DENOTES NEW 300mm x 300mm WATER CHAMBER

Other considerations:

- Ensure the proposed location for the Sub Station is away from Hazardous zones and tanks.
- Ensure proposed chargers are outside the Hazardous zones and EVCs can drive into and reverse out the bays without any issues.
- Ensure as far as reasonably practicable that the LV enclosure is located where it can remain when EV is installed.
- Ensure that the LV enclosure is large enough to house the electrical panel for the proposed EVCs.

TRITIUM PKM 150 CHARGERS

PROJECT MANAGERS :

ARTELIA
Passion & Solutions

DESIGNERS :

mbh

MBH Design Studio Ltd.
Rosemount House, Rosemount Avenue, West Byfleet, Surrey, KT14 6LB
www.mbhltd.com t: 01932 352 727 f: 01932 351 545

PHASE : PLANNING

REV	DATE		BY
A	11.05.23	UPDATED FENCED COMPOUND	SR/WS

PROJECT : SHELL SHOREHAM AIRPORT
BRIGHTON ROAD, SHOREHAM
SUSSEX, BN43 5LD

TITLE : GENERAL SITE LAYOUT

SHELL UK OIL PRODUCTS LTD.
SHELL CENTRE, YORK ROAD,
LONDON, SE1 7NA
UNITED KINGDOM

DRAWN BY :	JP/JC	SCALE :	1:100@A1
DATE :	23.02.2023	PLOT DATE :	11.05.2023
CAD FILE :	Z:\MBH\Clients\Artelia (ex-Coteba)\Shell EV\13972 SHOREHAM AIRPORT		

DWG No : 12038413 | PLNG-02-1 | 23 | A