



GENERAL

This drawing is to be read in conjunction with the standard drawings and relevant details by BP Pulse where noted.

Installation to comply with all applicable standards and regulations.

Below ground and concrete detail by structural engineer (SE).

Any discrepancy in the drawings or specification to be brought to the attention of the Project Manager (PM) for further instruction.

APPROVED SITE PLAN AND SURVEY

LAYOUT DERIVED FROM APPRAISE SITE PLAN:
BULLIONFIELD SF CONNECT - PROPOSED EV FEASIBILITY LAYOUT - 11007 - EV01 - HYC - Rev A

INTERSECT SURVEYS - 1007048-001
 GPR UNDERGROUND UTILITY SCAN SURVEY (MAY 2023)

If ground conditions appear to be unsuitable structural engineer to be consulted.
 Contractor must survey and scan all areas prior to works commencing to ensure no unidentified hazards. Any temporary diversions or disconnections to be agreed with PM prior to works. All to be reinstated/tested/certified as required upon completion of works.

SITE PREPARATION

Allow for complete site preparation to areas of construction. All levels to be maintained as existing and/or as per drawings. Any 'soft spots' discovered to be reported to PM/SE for further assessment and instruction.

CHARGER UNIT & BASE

The charger bases are to be a NAL access chamber, socket & adapter plate system (adapter plate to suit Alpitronic 300) and installed to manufacturers detail and instructions. Bases for the chargers will be installed at the correct level to suit adjacent finishes and will have to be covered/ capped to ensure safe and suitable level access for pedestrian and vehicular traffic ensuring no trip/slip hazards are created in an expansion scenario. Upon expansion works, covers must be easily removed in order for the charger.

LV FEEDER PILLAR

The SCHNEIDER feeder pillar is to be mounted to a NAL access chamber, with standard adapter & cover plate system and installed to manufacturers detail and instructions. Design to be provided from NAL.

CHARGING BAY SURFACING

Existing gravel gratings extended and filled as shown.

All ductwork trenching to Envevo details

DUCT ACCESS CHAMBERS/DRAW PITS

Frames and covers to be galv steel suitable for vehicular traffic B125 spec min

BOLLARDS

NAL RETENTION SOCKETS WITH X LAST BOLLARDS

WITH BP PULSE BLUE CAPS

PROVIDED BY NAL

SIGNAGE

Site specific requirements. See plan for detail.

LIGHTING/CCTV

Site specific requirements. See plan for detail if required.

LANDSCAPING

Where Applicable AS INDICATED ON FINISHES PLAN AND SPECIALISTS DETAILS

DRAWING NOTES

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Every effort has been made to ensure the accuracy of these drawings, however MBH Design Studio Ltd. accept no responsibility for any discrepancies arising from the reuse of survey information and preliminary drawings commissioned by the Applicant from others.

SCHEDULE / LEGEND

Substation Enclosure
 DENOTES TYPICAL DNO HV/LV SUBSTATION + METER BOX Enclosure 2.8m x 2.8m
 METERING GRP CABINET
 Envevo Engineering Ltd
 Roadside Range Type 'O'
 1065mm x 540mm x 1273mm H

LV Pillar Enclosure
 DENOTES LV PILLAR ENCLOSURE SCHNEIDER 2500A UNIT
 Unit Size 2140mm x 665mm x 1583mm H

Hypercharger
 300 KW ALPITRONIC HYPERCHARGER HYC 300
 Unit Size 873mm x 732mm x 2185mm H

NOTES

NO	DESCRIPTION
01	2 x 300 KW ALPITRONIC HYPERCHARGER HYC 300
02	3 x BAYS 2700mm WIDTH
03	1 x DDA BAYS 4800mm WIDTH
04	-

SITE PARKING

Existing	Existing Lost	New Parking	New EV Bays	Total
0	0	4	4	4

REV	DATE	DESCRIPTION	DRAWN/CHECKED
C	05.12.23	REVISED RED LINE TO LPA REQUEST	PSB
B	15.11.23	REVISED TO LPA COMMENTS	PSB
A	11.10.23	Revisions from planning review PSB	PSB

REVISION NOTES

DEFINE



CLIENT
 PROJECT
BULLIONFIELD SF CONNECT
 A90
 INVERGOWRIE, DUNDEE
 DD2 5EG

DRAWING TITLE
GA LAYOUT

DRAWN BY	DATE	SCALE	PAPER SIZE
LBM	01.08.23	1:200	A1
CHECKED BY	DRAWING NUMBER	REV.	
PB	14192-BULLION-004	C	

