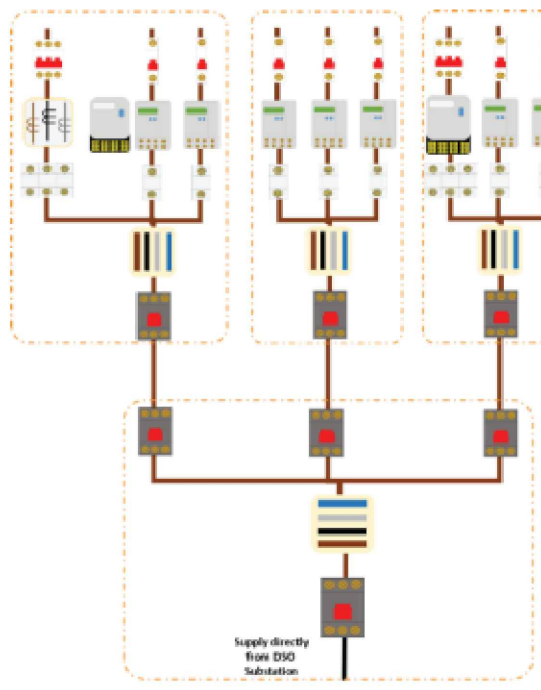


#### D.5.14. Residential Block – Centralised Metering

The supply shall feed directly from the DSO substation into an adjoining purpose-built room containing a single device for the isolation of the complete premises and protection devices for the circuits which are going to the individual centralised meter locations and the landlord's connection which may also be in this room. There shall be a centralised meter location provided for each independent block/core of apartments.

This centralised meter location shall be easily accessible to DSO staff or their agents, a Keysafe ( ANNEX M ) may be utilised to provide this accessibility.

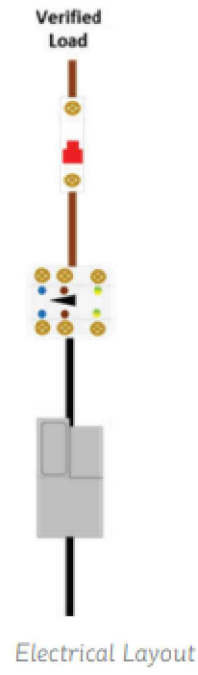
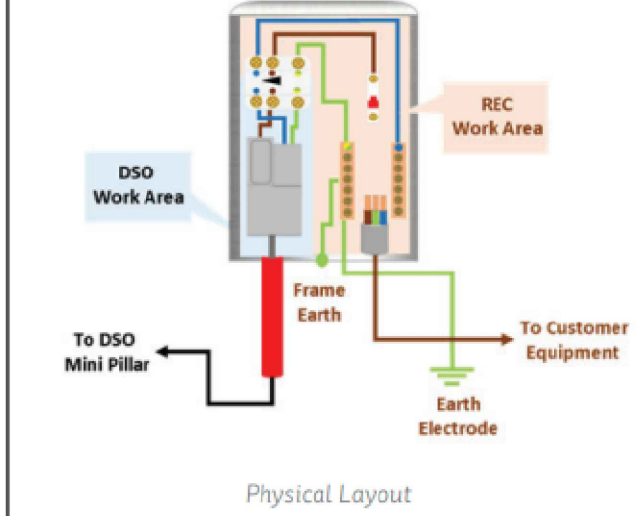
The circuit feeding each centralised meter location shall have its own protective device as per IS 10101 (current version). The enclosure(s) containing DSO equipment is owned and maintained by the premises owner or their agent.



#### D.6. Miscellaneous

##### D.6.15. Un-Metered Connection

The main criteria for an un-metered connection is, a single phase verified constant load not exceeding 2kVA.



#### I.2. Location Charging

Location charging is defined as EV charging in locations where the customer has a car parking area that forms part of their premises i.e. workplaces, hotels, supermarkets and apartment blocks.

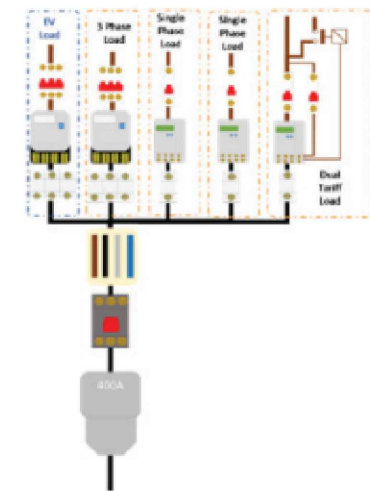
Privately owned car park that forms part of the customer premises's

- The customer or their agent shall involve the local DSO office from the design stage of the work, to ensure that the existing electrical installation has capacity to allow for the required MIC increase.
- Under the "Alternative Fuel Directive" an "EV Aggregator."

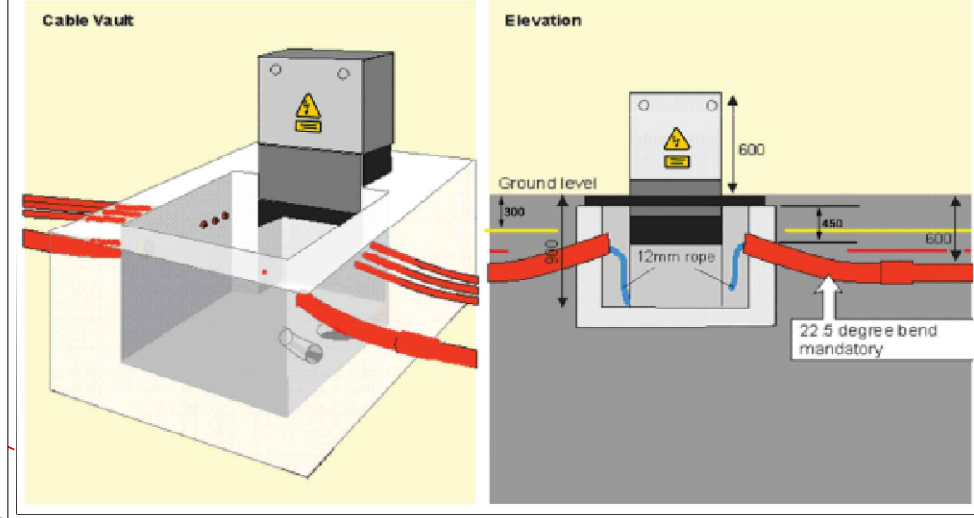
##### I.2.2. Location Charging

The owner of the premises or a separate entity permitted by the owner apply for a new three phase business connection for EV charging.

The existing distribution panel shall be altered to accommodate the additional DSO and customer equipment required to supply the EV Charging equipment.

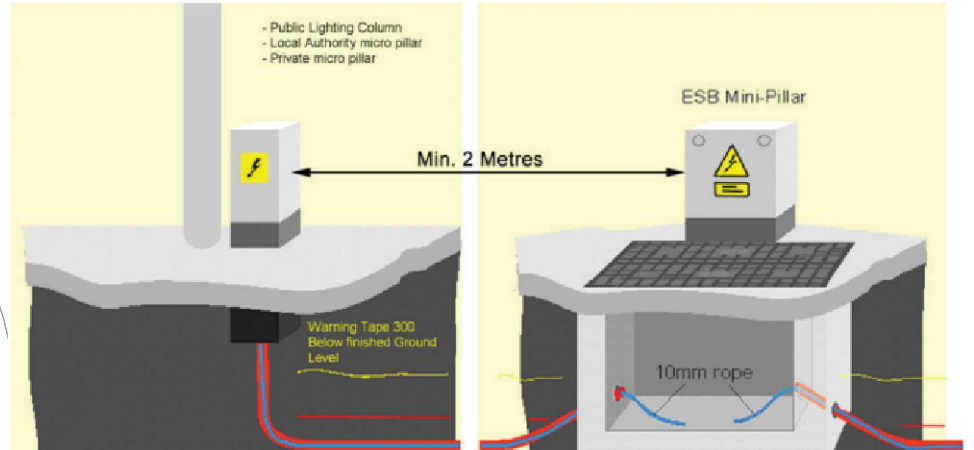


#### MINIPILLAR VAULTS



DETAIL No. 2: ESB STANDARD FOR MINIPILLAR UNITS (NTS)

#### PUBLIC LIGHTING



DETAIL No. 1: ESB STANDARD FOR MICRO PILLARS (NTS)

#### GENERAL NOTES

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#### LEGEND:

- NEW ESB UNIT SUBSTATION
- NEW ESB MINI-PILLAR & CHIMNEY
- NEW MICRO-PILLAR (MCP-00)
- NEW ESB SERVICES MANHOLE
- RED DOTS DENOTES NEW ESB RED DUCT ROUTE BETWEEN UNIT SUBS (ONE-MAN TO BE FINALISED)
- PINK DOTS DENOTES NEW ESB RED DUCT ROUTE TO MINI-PILLARS
- YELLOW BOX DENOTES NEW ESB RED DUCT ROUTE BETWEEN MINI-PILLARS AND HOUSES/APARTMENTS

EXTRACTS FROM ESB NATIONAL CODE OF PRACTICE FOR THE CUSTOMER INTERFACE (Version No. 5, April 2021, DOC-030303-AEN)

#### Annex G.(Mandatory) Switch Rooms

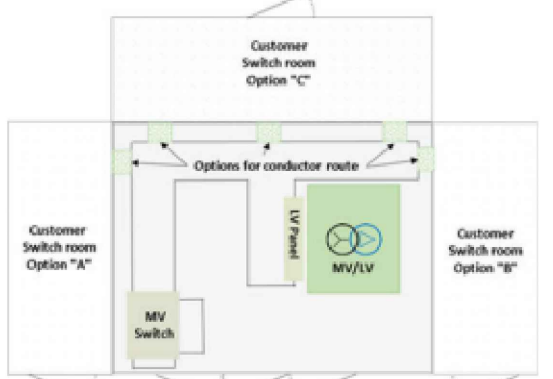
The DSO substation shall be constructed in accordance with Construction Standards for MV Substation Buildings. Some loads of less than 200kVA may require a substation in certain locations. The customer's room shall meet the requirements as set out in the relevant parts of the National Rules for Electrical Installations and the Building Regulations.

##### G.1. Independent Building

###### G.1.1. Customer Switch Room

For an independent DSO substation, the room containing the customer's Main Isolating Switch shall be positioned directly adjacent to one of the substation walls (except the wall containing the substation doors).

Depending on the location of the room, one conductor route shall be provided for the DSO conductor to feed the customer's Main Isolating Switch.



AN POST DELIVERY SERVICE UNIT

PROPOSED ESB SERVICES DISTRIBUTION (SCALE 1:150)

PL1	PLANNING	ID	PP	28/08/2023
PL2	PLANNING	ID	PP	18/04/2023
PL1	PLANNING	ID	PP	22/12/2022
REV	Description	DATE	APP	DATE

**JAK**  
Consulting Engineers

PROJECT/CLIENT:  
GLENAGEARY RESIDENTIAL DEVELOPMENT  
GLENAGEARY  
CO. DUBLIN  
FOR RED ROCK LTD.

ARCHITECT:  
JOHN FLEMING ARCHITECTS  
THE TREE HOUSE, 17 RICHVIEW OFFICE PARK, CLONSKEAGH, DUBLIN 14

DRAWING TITLE:  
SITE SERVICES LAYOUT  
E.S.B. INCOMING SERVICES STRATEGY

DRAWING REFERENCE: JAK010-01  
DRAWING PROJECT STATUS: PLANNING  
REVISION REF: PLS

FILENAME: JAK010-01  
DATE: 28/08/2023  
DRAWN: JG  
SCALE: A1  
1:200