e-REW Express

April 2022

Welcome

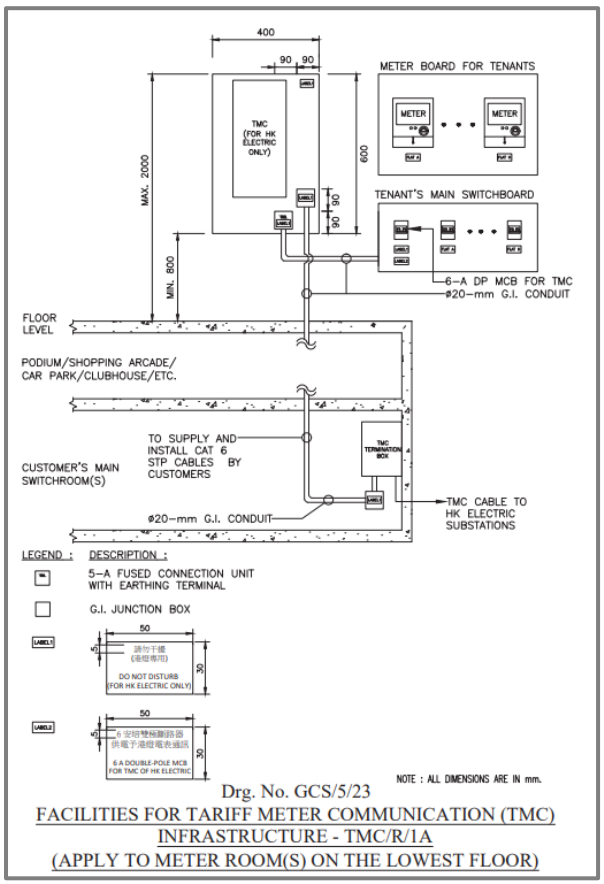
to our "e-REW Express". In the last issue of "e-REW Express", we highlighted some of the major changes in 7th Edition of 'Guide to Connection of Supply'. This issue of e-REW will continue to illustrate the remaining major changes in greater details.

If you have any suggestions, please send an email to us via mail@hkelectric.com or contact our Customer Installation Department on 2887 3455.

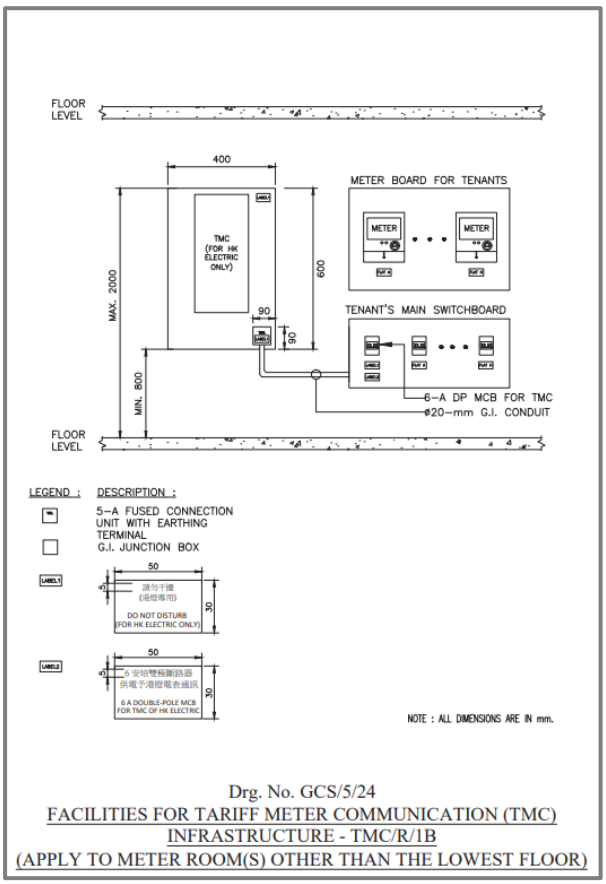
Highlights of Major Changes in the 7th Edition of 'Guide to Connection of Supply' (Part II)

1. Requirements for Tariff Meter Communication (TMC) Infrastructure Provisions (Chapter 5)

TMC Infrastructure provisions shall be made by customers during the design and construction stage of new buildings or existing buildings with major renovation in the electrical installation. They should be submitted to HK Electric for consideration during the design stage.



Drg. No. GCS/5/23
FACILITIES FOR TARIFF METER COMMUNICATION (TMC) INFRASTRUCTURE - TMC/R/1A
(APPLY TO METER ROOM(S) ON THE LOWEST FLOOR)

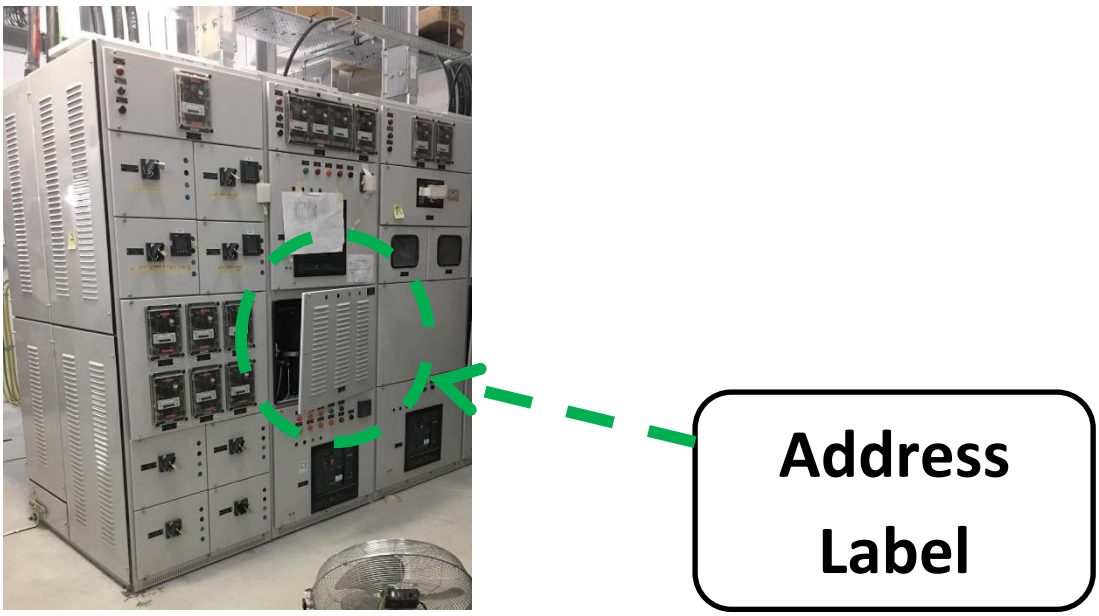


Drg. No. GCS/5/24
FACILITIES FOR TARIFF METER COMMUNICATION (TMC) INFRASTRUCTURE - TMC/R/1B
(APPLY TO METER ROOM(S) OTHER THAN THE LOWEST FLOOR)

2. New Interface Requirements of Customer's Electrical Installations (Chapters 5 and 6)

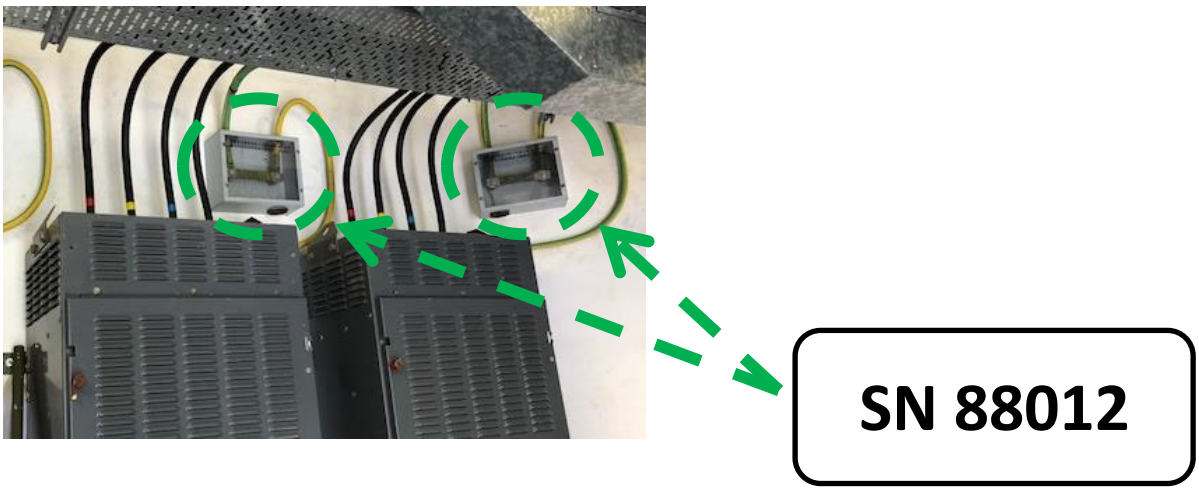
2.1. Address Label at Current Transformer (C.T.) Chamber Located Inside the Switchboard

To enable an easy identification of HK Electric's metering equipment in customer's electrical installation, a permanent, tidy and securely fixed flat/address label shall be provided at the conspicuous space of each C.T. chamber located inside the switchboard.



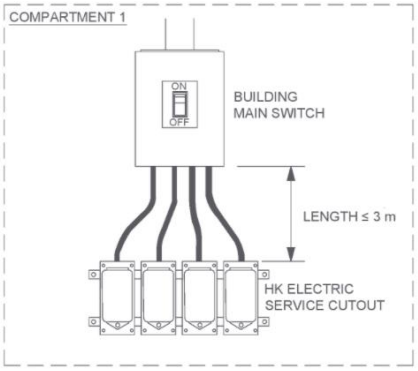
2.2. Supply Number (SN) Label at Disconnection Link

To provide better identification for the corresponding supply source, SN label should be provided at the disconnection link.



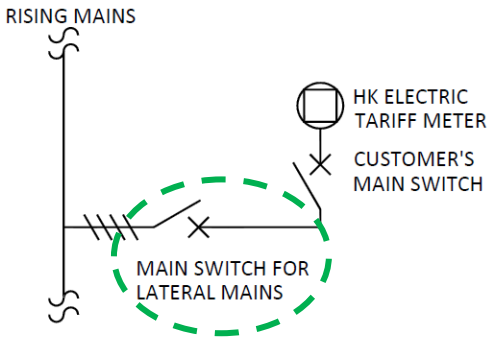
2.3. Location of HK Electric Service Cutout and Customer LV Main Switch

The length of customer's LV cable between HK Electric's service cutout and customer LV main switch shall not exceed 3 metres. The service cutout and main switch shall be in the same compartment.



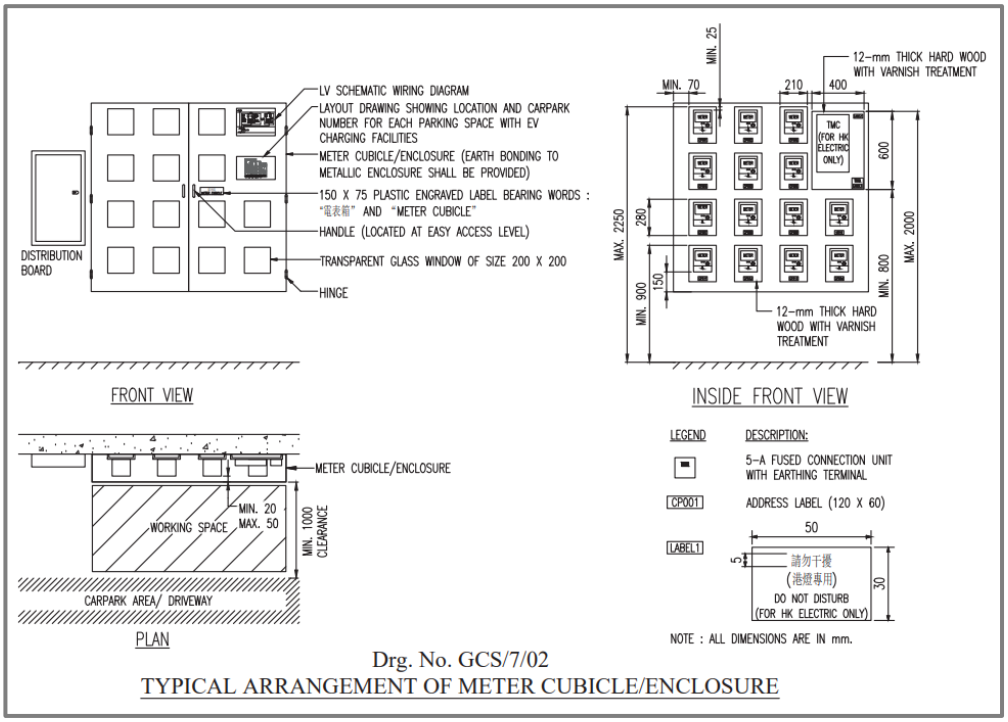
2.4. Main Switch/Cutout for the Lateral Mains

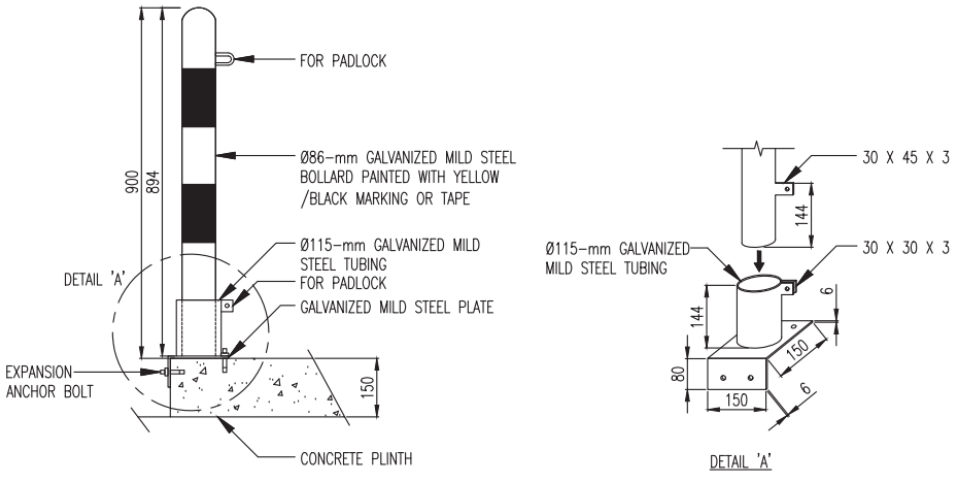
To control the downstream tenant's main switches, a main switch/cutout shall be installed for the lateral mains at each floor.



3. Electric Vehicle (EV) Charging Facilities (Chapter 7)

The entire chapter is updated with (i) the latest requirements for erecting EV charging facilities according to the Code of Practice for the Electricity (Wiring) Regulations (2020 edition), (ii) the requirements of meter cubicle/enclosure for group of meters and (iii) our latest service "Smart Power EV Charging Solution (SPECS)" to assist customers in implementing EV charging solutions.





Drg. No. GCS/7/04
TYPICAL ARRANGEMENT OF SAFETY POLE

4. Acceptable Arrangements for Common Departures (Chapter 8)

To assist customer/REC/REW to rectify departures in electrical installation prior to HK Electric inspection, examples of acceptable arrangements (noted in 🎯) for common departures are provided to minimize the rework on their electrical installations.

BMOF	Non draw-out type circuit breaker installed when obtaining supply directly from HK Electric transformer. 🎯 *An isolator in conjunction with a fixed type circuit breaker may be used, provided that it is mechanically interlocked with the circuit breaker.* 🎯 *Fused switch may be used.* 🎯 *Plug-in type MCCB may be used.*
BTLE	The busbar between transit block and main switch exceed 10 metres.
DASF	Label not provided on multi-setting main switch to indicate the rated setting.

5. Smart Power Gallery (Chapter 10)

To bring alive the possibilities of energy conservation and renewable energy to the stakeholders, HK Electric establishes the Smart Power Gallery, an interactive learning space. Located in Possession Street, Sheung Wan, the gallery spans five floors. Across the different floors, visitors can uncover the story behind HK Electric, power system, climate change, renewable energy, low-carbon smart city, Smart Power Services, etc.

For further details, you may download the 'Guide to Connection of Supply' (7th Edition) from our website:

https://www.hkelectric.com/en/customer-services/rules-standards-policies/guide-to-connection-of-supply