### Notes

1. The power company will accept installation methods shown on detail "A" or "B" for enclosure of meters. For installation method to enclose the power company service cut-out unit & cable please refer to detail "C".

2. The 1-hour fire rated enclosure with regard to both integrity and insulation shall not be filled with thermal insulation. The current carrying capacity of the cable will be reduced if the cable and accessories are thermal insulated, for instance, fiber-glass inside fire rated enclosure is not necessary.

3. The current carrying capacity of the cable shall not be jeopardized after improvement. If the current carrying capacity is reduced after installing enclosure, the cable size shall be enlarged. Please refer to the code of practice for the electricity (wiring) regulations issued by EMSD for detailed calculation.

4. Adequate working space shall be provided for future maintenance and repair.

5. In case of emergency repair and metering operation such as meter removal, disconnection & reconnection, the building owner shall be responsible for dismantlement and reinstatement of the fire-rated material as per the power company's request.

6. Should any re-location of tariff meters are required to facilitate of fire-rated materials, please contact the power company before work commencement.

7. The power company does not take liable for any fire retardant cover damage caused by operation & maintenance.

8. Fire rated material with transparent glass and access panel shall be 1-hour fire rated with regard to both integrity and insulation.

9. Except in compliance with tables A to F of the code of practice for fire resisting construction 1996, test certificates and reports shall be submitted to the buildings department to demonstrate that the enclosure, access panel, material or construction are capable of resisting the action of fire for the specified period upon completion. Other relevant requirements of the buildings ordinance and the fire safety (buildings) ordinance cap 572 should also be complied with.

### Typical Details for Improvement Works to Electrical Cable, Meters & etc. under the Fire Safety (Commercial Premises) Ordinance or Fire Safety (Buildings) Ordinance

根據《消防安全(商業樓宇)條例》及《消防安全(建築物)條例》下電纜及絕緣等設施改善工程的詳細要求範例

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