



SCHEDULE 'A'

CODE NO.	CABLE SIZE
①	1 x 16mm ² 4/C XLPE/SWA/PVC COPPER CABLE
②	1 x 25mm ² 4/C XLPE/SWA/PVC COPPER CABLE
③	1 x 35mm ² 4/C XLPE/SWA/PVC COPPER CABLE
④	1 x 50mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑤	1 x 70mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑥	1 x 95mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑦	1 x 120mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑧	1 x 150mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑨	1 x 185mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑩	1 x 240mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑪	1 x 300mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑫	1 x 400mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑬	3 x 400mm ² 4/C XLPE/SWA/PVC COPPER CABLE
⑭	4 x 300mm ² 1/C XLPE/PVC COPPER CABLE
⑮	4 x 25mm ² 1/C PVC COPPER CABLE

LEGEND:

- AIR CIRCUIT BREAKER DRAW-OUT TYPE C/W OVERLOAD PROTECTION & D.C. SHUNT TRIP UNLESS OTHERWISE SPECIFIED
- FUSE SWITCH
- MCB/MCCB
- TN SWITCH AS SPECIFIED
- 4-P AUTOMATIC CHANGEOVER CONTACTOR (RATING AS SHOWN)
- 6A HRC INSTRUMENTAL FUSE
- AMMETER/VOLTMETER FUSE
- SELECTOR SWITCH
- INDICATION LAMP
- CURRENT TRANSFORMER
- IDMT OVERCURRENT RELAY
- EARTH FAULT PROTECTION RELAY
- STANDBY GENERATOR
- PREFABRICATED BRANCH CABLE JOINT
- CABLE LINK BOX
- MCB/MCCB BOARD
- BUSBAR CHAMBER, UNLESS OTHERWISE SPECIFIED
- EARTH PIT
- 25x3mm COPPER TAPE FOR EARTHING
- POWER FACTOR METER
- kWh METER (BY CLP)
- CLP'S TRANSFORMER

NOTES

1. THE NUMBER INSIDE THE ○ DENOTES THE TYPE & SIZE OF CABLE/RIGID AS QUOTED ON SCHEDULE 'A'.
2. UNLESS OTHERWISE SPECIFIED, ALL SUB-MAIN CABLES SHALL BE 1/C PVC INSULATED COPPER CABLE ENCLOSED IN CONDUIT OR TRUNKING CONFORMING TO SCHEDULE 'B'.
3. THE ESSENTIAL PART OF THE MAIN SWITCHBOARD SHALL BE PAINTED IN RED.
4. ALL XLPE/PVC, XLPE/SWA/PVC COPPER CABLE SHALL RUN ON CABLE TRAY (WHEN GROUPED) OR MOUNTED DIRECTLY ON WALL (WHEN SINGLE).
5. ALL SINGLE CORE CABLE SHALL BE MOUNTED IN TRENCH ARRANGEMENT AND THE SPACE BETWEEN EACH GROUP OF CABLE SHALL BE AT A CLEARANCE OF ONE CABLE DIAMETER.

C.T. RATIO SCHEDULE

CODE NO.	C.T. SCHEDULE
①	4 x 2250A/5A PROTECTION C.T. CLASS 10 P20
②	4 x 800A/5A PROTECTION C.T. CLASS 10 P15
③	4 x 500A/5A PROTECTION C.T. CLASS 10 P15
④	3 x 2250A/5A INSTRUMENT C.T. CLASS 1.0

SCHEDULE 'B'

CODE NO.	C.T. SCHEDULE
5A, 10A	1.5mm ² 1/C PVC INSULATED COPPER CABLE
15A	2.5mm ² 1/C PVC INSULATED COPPER CABLE
20A	4mm ² 1/C PVC INSULATED COPPER CABLE
30A	6mm ² 1/C PVC INSULATED COPPER CABLE
30A (RING)	2 x 2.5mm ² 1/C PVC INSULATED COPPER CABLE
40A	10mm ² 1/C PVC INSULATED COPPER CABLE
50A, 60A	16mm ² 1/C PVC INSULATED COPPER CABLE
100A	35mm ² 1/C PVC INSULATED COPPER CABLE
150A	95mm ² 1/C PVC INSULATED COPPER CABLE
200A	120mm ² 1/C PVC INSULATED COPPER CABLE

此圖電力設備之安裝及佈線，應遵照本圖之規定，此圖之電力裝置必須遵照此圖之規定，及遵照電力條例之規定。
 In accordance with Reg. 20 of the Electricity (Wiring) Regulations (Cap. 603), the type of these electrical installations shall be inspected, tested and certified periodically.
 圖號: M04946
 Project No.:

HKS: PN
 ED: GPM/JGM/AGM
 SUI: CAR APPROVED
 Reference No.:
 W/C'S - TAKEN-TP
 CLVCR - A
 Revision No.:
 (1)
 Approved by:
 Date: 1/6/2004



TOKEN ENGINEERING LTD.

TITLE: ELECTRICAL SCHEMATIC DIAGRAM FOR THE PINNACLE (BLOCK 1 & 2)

PROJECT: THE PINNACLE
 WAN LUNG ROAD,
 TSEUNG KWAN O,
 N.T.

DRAWN BY: W.M. KWOK DRG:
 CHECK BY: W.C. FAN TOKEN/TP/LVSB/A
 DATE: 04-07-2003
 ISSUE: AS BUILT NOT IN SCALE