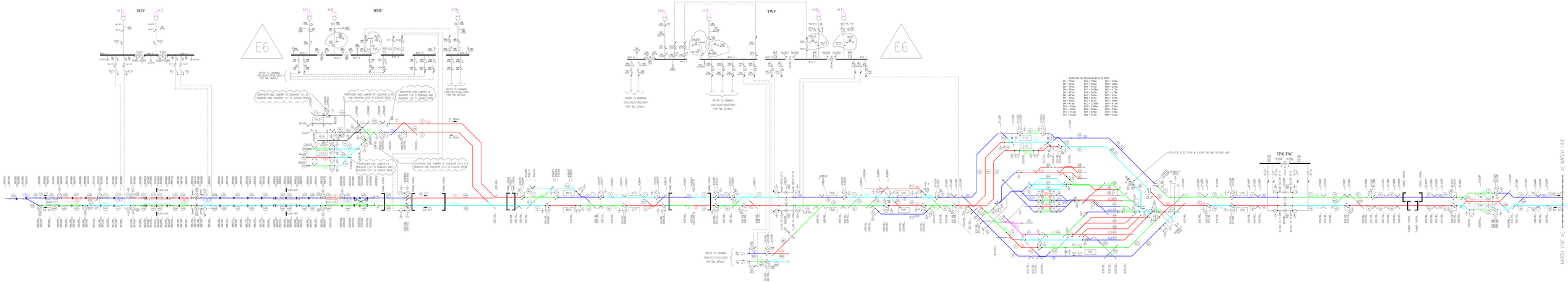

LEGENDS:

- SEE NOTE 7 — 2-POSITIONS MANUAL ISOLATOR (ON – OFF) – NORMALLY ON
- SEE NOTE 7 — 2-POSITIONS MANUAL ISOLATOR (ON – OFF) – NORMALLY OFF

E6

- MANUAL ISOLATOR – NORMALLY CLOSED
- MANUAL ISOLATOR – NORMALLY OPEN
- MANUAL ISOLATOR (CLOSE – EARTH) – NORMALLY CLOSED
- 3-POSITIONS MANUAL ISOLATOR (CLOSE – OPEN – ALT) – NORMALLY CLOSED
- 3-POSITIONS MANUAL ISOLATOR (CLOSE – OPEN – EARTH) – NORMALLY CLOSED
- 3-POSITIONS MANUAL ISOLATOR (CLOSE – OPEN – EARTH) – NORMALLY EARTHED
- 3-POSITIONS MANUAL ISOLATOR
- 3-POSITIONS ISOLATOR: MOTORISED (CLOSE – OPEN), MANUAL (OPEN – EARTH) – NORMALLY CLOSED
- MOTORISED OHL ISOLATOR – NORMALLY CLOSED
- MOTORISED OHL ISOLATOR – NORMALLY OPEN
- MOTORISED OHL ISOLATOR (CLOSE – EARTH) – NORMALLY CLOSED
- MOTORISED OHL ISOLATOR (CLOSE – EARTH) – NORMALLY EARTHED
- CIRCUIT BREAKER – NORMALLY CLOSED
- CIRCUIT BREAKER – NORMALLY OPEN
- FLEXIBLE TERMINATION
- FIXED TERMINATION
- SPRING TERMINATION
- UNINSULATED OVERLAP
- SECTION INSULATOR BY PASSED WITH A HAND ISOLATOR
- INSULATED OVERLAP BY PASSED WITH A HAND ISOLATOR
- SECTION INSULATOR BY PASSED WITH A MOTORISED ISOLATOR
- INSULATED OVERLAP BY PASSED WITH A MOTORISED ISOLATOR
- OVERHEAD LINE MID POINT ANCHOR
- 25kV CABLE
- CUT IN INSULATOR
- SECTION INSULATOR
- EARTH
- PHASE BREAK (OCS)
- PHASE BREAK (ORCR)
- SURGE DIVERTER
- VOLTAGE TRANSFORMER WITH FUSE
- VOLTAGE TRANSFORMER
- CLP/HEC INFEED TRANSFORMER
- 25kV BUSBAR
- XXX — PASSENGER STATION 'XXX'
- XX — TENSION LENGTH NUMBER 'XXX'
- XXX — ELECTRICAL SUBSECTION NAME 'XXX'
- CHAINAGE NUMBER (IN KILOMETER)
- LOAD BREAK ISOLATOR
- ORCR/OCS TRANSITION WITH MW TERMINATION
- CONSTRUCTION EARTH

E6

NOTES:

1. ISOLATORS AND CIRCUIT BREAKERS IN FEEDER STATION, TSC & PHASE BREAK HAVE ELECTRICAL & MECHANICAL INTERLOCK WHICH IS NOT SHOWN IN THIS DRAWING.
2. ISOLATORS 2/16, 2/16E, HUH701 AND HUH701E HAVE ELECTRICAL & MECHANICAL INTERLOCK WHICH IS NOT SHOWN IN THIS DRAWING.
3. SAME COLOUR AT DIFFERENT ELECTRICAL SUB-SECTIONS DOES NOT INDICATE THE SAME ELECTRICAL SOURCE.
4. ALL OUTDOOR TYPE MANUAL ISOLATORS DO NOT HAVE REMOTE INDICATIONS TO OCC, UNLESS OTHERWISE MARKED WITH Φ .
5. CHAINAGE OF SUBSECTION LIMIT FOR SUBSECTION 1J & 1K.
6. CHAINAGE OF SUBSECTION LIMIT FOR SUBSECTION 1J & 1K.
7. WHEN THE ISOLATOR IS IN "OFF" POSITION, THE INCOMING OR OUTGOING CIRCUIT IS CONNECTING TO THE TERMINAL FOR THE OTHER ISOLATOR. WHEN THE ISOLATOR IS IN "ON" POSITION, THE INCOMING OR OUTGOING CIRCUIT IS CONNECTING WITH THE BUSBAR.

E6

REV	DESCRIPTION	BY	DATE	APPROVED
E6	1) LEGENDS OF THE 2-POSITIONS MANUAL ISOLATOR ARE UPDATED. 2) DESCRIPTION OF NOTE 7 IS UPDATED. 3) STATUS OF THE 2-POSITIONS MANUAL ISOLATORS TW/B15 AND H1/T3/1 ARE CHANGED TO NORMALLY OFF. 4) DESCRIPTION OF ISOLATORS 1/1, 2/16, 2/17, 2/13 AND 1/2 ARE UPDATED.	T SIT	15/SEP/23	S HO
E5	POWER FACTOR CORRECTION EQUIPMENT PF/1, PF/2, PF/3, PF/4, PF/5, PF/6 & PF/7 HAS BEEN DECOMMISSIONED. ALL WORKS ARE AS PER EDOC NO. ZCH18869.	T SIT	15/JAN/23	S HO
E4	1) SOUTHERN SIDE JUMPER OF ISOLATOR 2/13 IS REMOVED. 2) CONSTRUCTION EARTHS ARE APPLIED AT TL X8 (H100.506) AND X1A (H100.506). 3) STATUS OF ISOLATOR 2/13 IS CHANGED FROM N/C TO N/O. ALL WORKS ARE AS PER EDOC NO. ZMF19210 AND PUBLISHED ON TN WEEK 08/23.	T SIT	22/FEB/23	S HO
E3	1) NORTHERN SIDE JUMPER OF ISOLATOR 1/2 IS REMOVED. 2) CONSTRUCTION EARTH IS APPLIED AT TL 3 (H100.768). 3) STATUS OF ISOLATOR 1/2 IS CHANGED FROM N/C TO N/O. ALL WORKS ARE AS PER EDOC NO. ZMF19210 AND PUBLISHED ON TN WEEK 08/23.	T SIT	22/FEB/23	S HO
E2	1) NORTHERN SIDE JUMPER OF ISOLATOR 2/17 IS REMOVED. 2) CONSTRUCTION EARTHS ARE APPLIED AT TL X4 (H100.362 & H100.416). 3) CUT-IN ISOLATOR IS INSTALLED AT TL X4 (H100.416). 4) STATUS OF ISOLATOR 2/17 IS CHANGED FROM N/C TO N/O. ALL WORKS ARE AS PER EDOC NO. ZMF19210 AND PUBLISHED ON TN WEEK 07/23.	T SIT	16/FEB/23	S HO
E1	1) NORTHERN SIDE JUMPER OF ISOLATOR 1/1 IS REMOVED. 2) CONSTRUCTION EARTHS ARE APPLIED AT TL X1 (H100.349) AND TL X1A (H100.415). 3) CUT-IN ISOLATOR IS INSTALLED AT TL X1A (H100.415). 4) STATUS OF ISOLATOR 1/1 IS CHANGED FROM N/C TO N/O. ALL WORKS ARE AS PER EDOC NO. ZMF19210 AND PUBLISHED ON TN WEEK 06/23.	T SIT	13/FEB/23	S HO
A~D	REVISION DESCRIPTIONS SHALL REFER TO DRAWING RECORD IN DRAWING MANAGEMENT SYSTEM	~~~	~~~	~~~

DRAWN	CS CHEUNG	SE~HV
DESIGNED	CS CHEUNG	SE~HV
CHECKED	JONATHAN YEUNG	DE~HV
APPROVED	ANSON CHAN	HV&DFEM
DATE	25/AUG/2017	

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ORIGINATOR: OPERATIONS DIVISION | TECHNICAL & ENGINEERING SERVICES DEPARTMENT

CADD REF. OD4_202_01102_0001_E6.dwg

TITLE: TRACTION – TENSION LENGTH FOR EAL

SCALE: N.T.S. | DRAWING NO. OD4/202/01102/0001 | REV. E6

Filename: C:\MTR\Grey\OD4 Drawing (Update)\TML\ARCON\TML\OD4_202_01102_0001_E6.dwg
Date/Time: 14/12/2023 13:42
Plotted By: ND Grey (as at 13:42)
Plotter: ArcCAD V18 Grey Scale PlotStyle:3