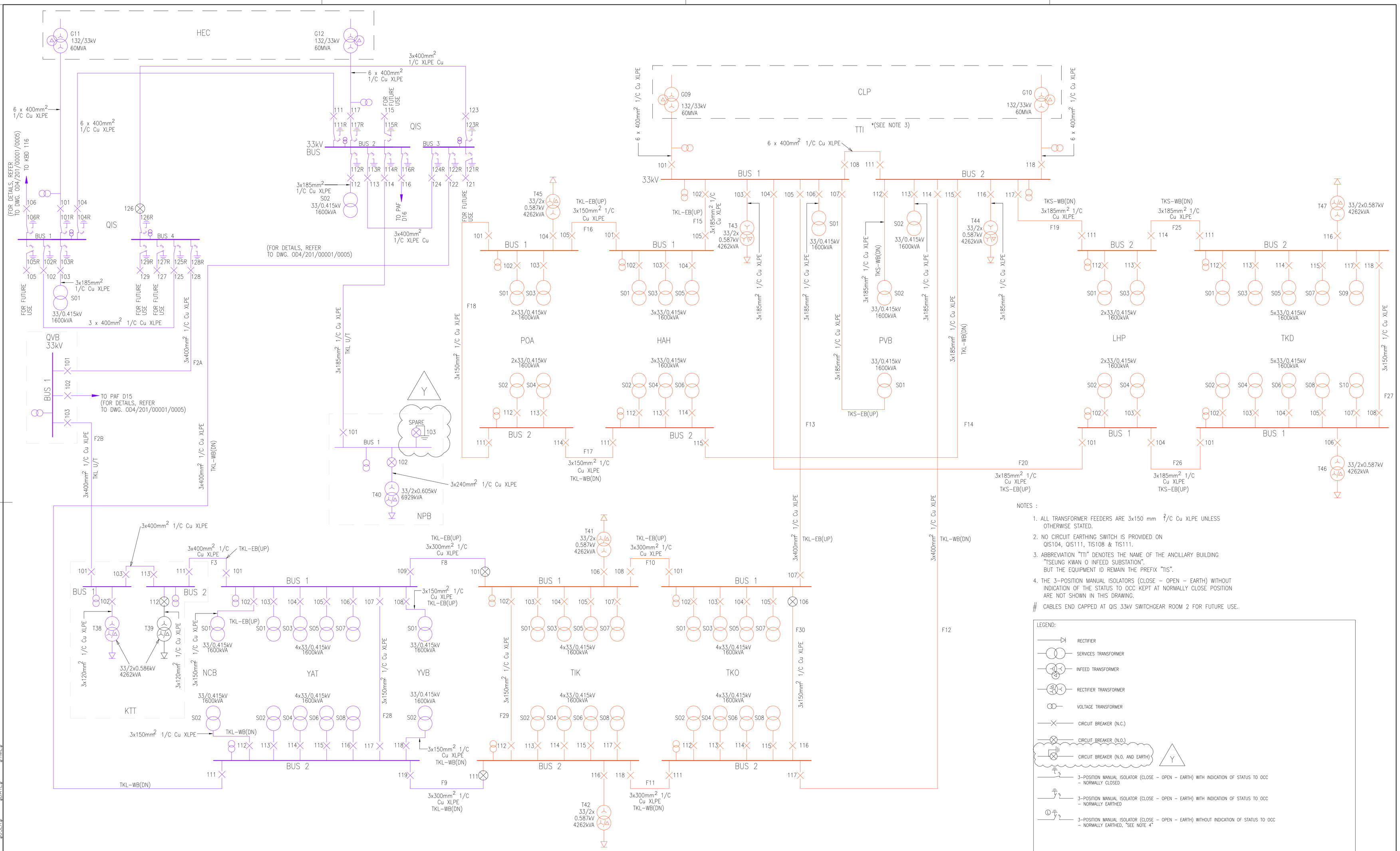

NOTES :

1. ALL TRANSFORMER FEEDERS ARE 3x150 mm ²/C Cu XLPE UNLESS OTHERWISE STATED.
2. NO CIRCUIT EARTHING SWITCH IS PROVIDED ON QIS104, QIS111, TIS108 & TIS111.
3. ABBREVIATION "TTI" DENOTES THE NAME OF THE ANCILLARY BUILDING "TSEUNG KWAN O INFEED SUBSTATION". BUT THE EQUIPMENT ID REMAIN THE PREFIX "TIS".
4. THE 3-POSITION MANUAL ISOLATORS (CLOSE – OPEN – EARTH) WITHOUT INDICATION OF THE STATUS TO OCC KEPT AT NORMALLY CLOSE POSITION ARE NOT SHOWN IN THIS DRAWING.

CABLES END CAPPED AT QIS 33kV SWITCHGEAR ROOM 2 FOR FUTURE USE.

LEGEND:

- RECTIFIER
- SERVICES TRANSFORMER
- INFEED TRANSFORMER
- RECTIFIER TRANSFORMER
- VOLTAGE TRANSFORMER
- CIRCUIT BREAKER (N.C.)
- CIRCUIT BREAKER (N.O.)
- CIRCUIT BREAKER (N.O. AND EARTH)
- 3-POSITION MANUAL ISOLATOR (CLOSE – OPEN – EARTH) WITH INDICATION OF STATUS TO OCC – NORMALLY CLOSED
- 3-POSITION MANUAL ISOLATOR (CLOSE – OPEN – EARTH) WITH INDICATION OF STATUS TO OCC – NORMALLY EARTHED
- 3-POSITION MANUAL ISOLATOR (CLOSE – OPEN – EARTH) WITHOUT INDICATION OF STATUS TO OCC – NORMALLY EARTHED, "SEE NOTE 4"

CONNECTION 'A'

REV	DESCRIPTION	BY	DATE	APPROVED
Y	ADDED A NEW LEGEND FOR CIRCUIT BREAKER AND UPDATED THE STATUS OF NPB 103.	T. SIT	15-01-24	S. HO
X	CHANGE CONNECTION 'D' TO 'A' AND KTT112 IN OPEN POSITION DUE TO KTT112 PANEL FAULT INCIDENT ON 30-DEC-2023.	A. LO	04-01-24	S. HO
W	SHIFT 33kV NO POINT FROM QIS 123 TO QIS 126 BY PROJECT C2318.	S LAI	08-12-23	A.CHAN
A – v	REVISION DESCRIPTIONS SHALL REFER TO DRAWING MANAGEMENT SYSTEM.	–	–	–

DRAWN	T.H. NG	CD
DESIGNED	___	___
CHECKED	C.W. LI	PDM
APPROVED	PAUL LO	SrEE (TS)
DATE	18/JAN/02	

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CADD REF. OD4_201_00701_0001_Y.dgn

TITLE: TKE AC HV POWER SYSTEM

SCALE: NTS | DRAWING NO. OD4/201/00701/0001 | REV. Y

PRINTED BY: $USER$ $DATE$ $TIME$

PLOT DRV: $PLTDRVL$ MODELNAME: $MODEL$ FILENAME: $FILE$