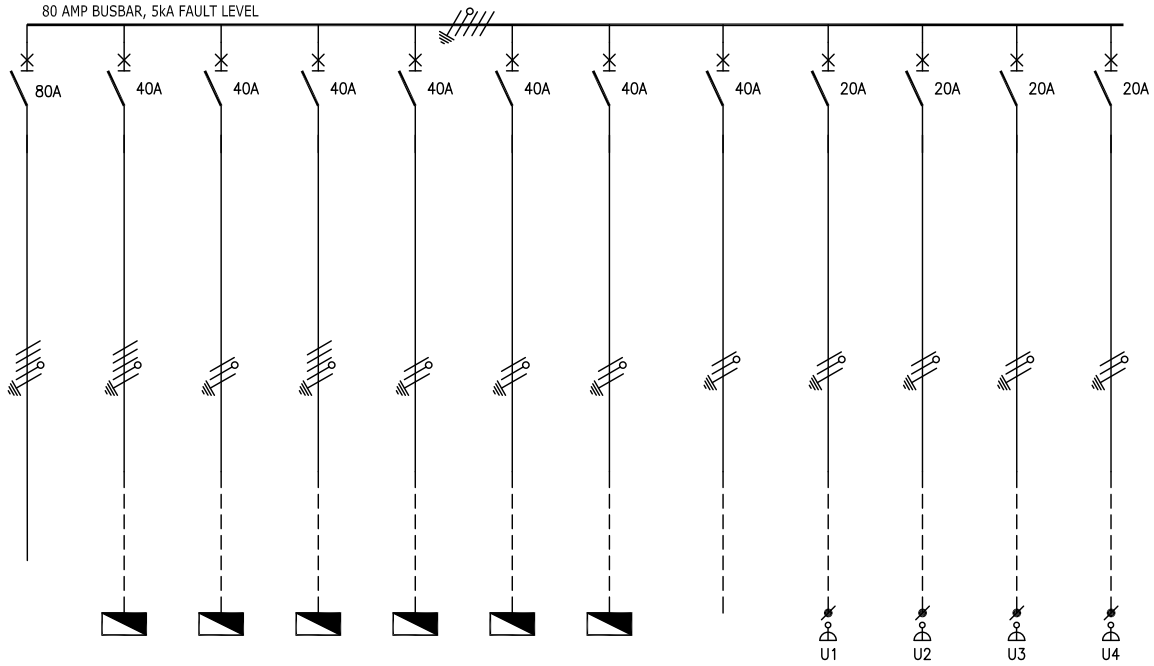
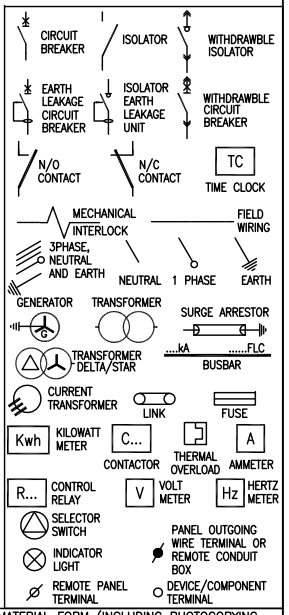


NOTES

1) DROPPERS/TAILS TO BE RATED FOR FULL I²t LET THROUGH.
2) HARNESSED WIRING TO BE DERATED.
3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10kA.
4) COPPER BUSBARS TO BE CONTINUOUS RATED.
5) ALL OUTGOING CIRCUIT BREAKERS TO BE FITTED WITH COPPER TAILS TO FACILITATE CABLE TERMINATIONS IN THE CABLE CHAMBER AND NOT ON THE CIRCUIT BREAKER.
6) COPPER TAILS FROM DROPPER BUSBAR AND OUTGOING COPPER TAILS TO BE ADEQUATELY BRACED FOR FAULT LEVEL AND SHROUDED WITH HEAT SHRINK.
7) ALL CIRCUIT BREAKERS TO BE FITTED WITH TERMINAL SHIELD ON LIVE AND LOAD SIDES.
8) ENCLOSURE TO BE IP54.
9) PHASING RWB, TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
10) INTERNAL TEMP TO BE LIMITED TO 5° ABOVE AMBIANT, MAX 40°C.
11) ALL CIRCUITS TO BE LABELED.
12) 25% SPARE SPACE. SPARE SPACES ARE TO BE FITTED WITH COPPER BUSBAR TAILS CONNECTED TO DROPPER BUSBARS TO ALLOW INSTALLATIONOF CIRCUIT BREAKERS WITH A MINIMAL SHUTDOWN PERIOD.

INCOMING CABLE	-TOP
OUTGOING CIRCUITS	-TOP
COLOUR	-BLUE
MOUNTING	-SURFACE
ACCESS	-FRONT
PROTECTIVE DEVICES	-SCHNEIDER



NOT WITHSTANDING ANYTHING TO THE CONTRARY, ALL RIGHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED IN ANY MATERIAL FORM (INCLUDING PHOTOCOPYING OR STORING IN ANY MEDIUM OR BY ELECTRONIC MEANS WHETHER OR NOT TRANSIENTLY OR INCIDENTLY TO SOME OTHER USE OF THIS DRAWING) AND ALSO, THIS DRAWING MAY NOT BE USED FOR ANY PURPOSE OR REASON OTHER THAN FOR WHICH IT WAS ORIGINALLY ISSUED, WITHOUT THE WRITTEN PERMISSION OF IBUYA CONSULTING ENGINEERS.

REV	DESCRIPTION	BY	DATE	CHKD.
A	General Revision	VT	11/03/20	MK
0	Original Issue	VT	22/02/18	AM

ENGINEER	DRAWN	DATE:	SCALE:	CHKD.
M.Kambaran	VT	Nov'17	n.t.s	
			PAPER SIZE: A3	

PROJECT No.	DRAWING No.	SHEET:	REV.
17052	405	1 of 1	A

File Name : 17052_405 Lyr:

TITLE

Government Printing Works Refurbishment

DRAWING TITLE:

MAIN UPS PANEL UPS-MAIN SINGLE LINE DIAGRAM

LDM
Solutions For The Built Environment