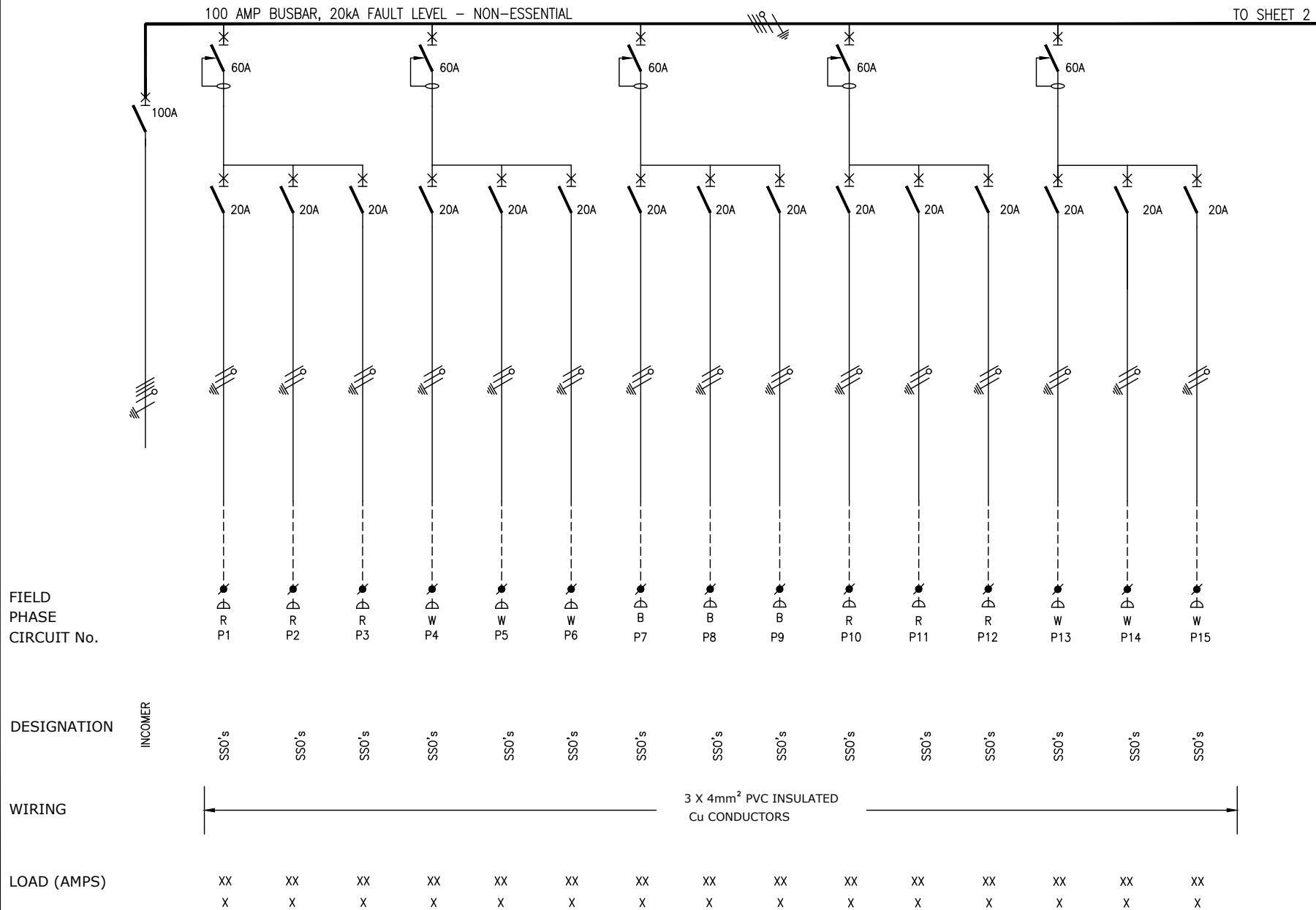
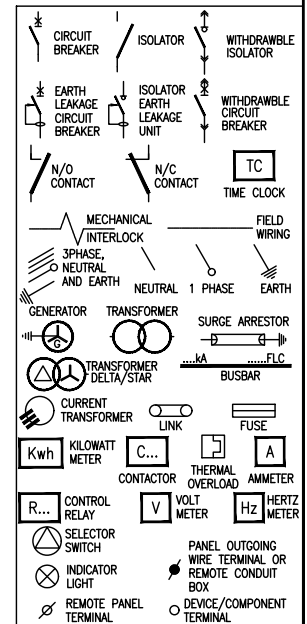
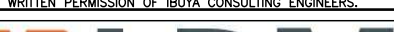


- 1) DROPPERS/TAILS TO BE RATED FOR FULL PL
LET THROUGH.
- 2) HARNESSED WIRING TO BE DERATED.
- 3) TUFFNOL BRACES ARE NOT TO BE USED
ABOVE 10kA.
- 4) COPPER BUSBARS TO BE CONTINUOUS
RATED.
- 5) ALL OUTGOING CIRCUIT BREAKERS TO BE
FITTED WITH COPPER TAILS TO FACILITATE
CABLE TERMINATIONS IN THE CABLE
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
AMB. 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 INSTALLATION OF CIRCUIT
BREAKERS WITH A MINIMAL SHUTDOWN
PERIOD.

INCOMING CABLE	-TOP
OUTGOING CIRCUITS	-TOP
COLOUR	-ORANGE / RED
MOUNTING	-FLOOR STANDING
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 INCIDENTALLY 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.										
					ENGINEER	DRAWN	DATE:	SCALE: n.t.s	CHKD.	TITLE Government Printing Works Refurbishment										
					M.Kambaran	VT	Nov'17	PAPER SIZE: A3												
0	Original Issue			CG	28/2/20	MK	PROJECT No. 17052	DRAWING No. 409	SHEET: 1 of 5	REV. 0	DRAWING TITLE: OFFICE DB DB-01/01E SINGLE LINE DIAGRAM									
REV	DESCRIPTION			BY	DATE	CHKD.	File Name : 17052_403 Lyr:													



ESSENTIAL



CIRCUIT No.

[illegible]

3 X 4mm² PVC INSULATED
Cu CONDUCTORS

XX	XX	XX	XX	XX	XX	XX
X	X	X	X	X	X	X

NON-ESSENTIAL  ESSENTIAL

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<p>NOT BE USED FOR ANY PURPOSE OR REASON OTHER THAN FOR WHICH IT WAS ORIGINALLY ISSUED, WITH</p> <p>TITLE</p> <p>Government Printing Works Refurbishment</p>	
<p>DRAWING TITLE:</p> <p>OFFICE DB DB-01/01E SINGLE LINE DIAGRAM</p>	

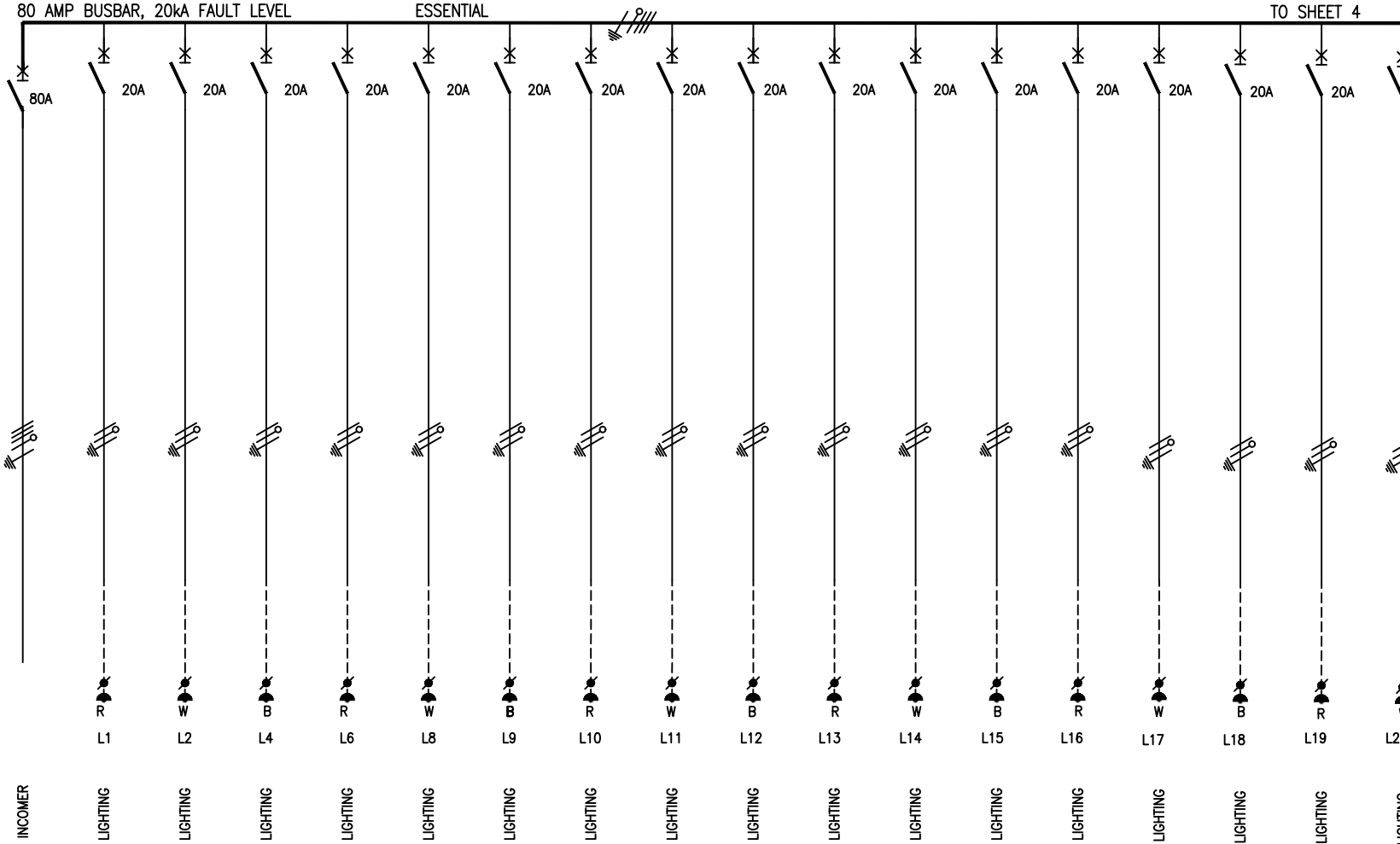
OFFICE DB
DB-01/01E
SINGLE LINE DIAGRAM




80 AMP BUSBAR, 20kA FAULT LEVEL

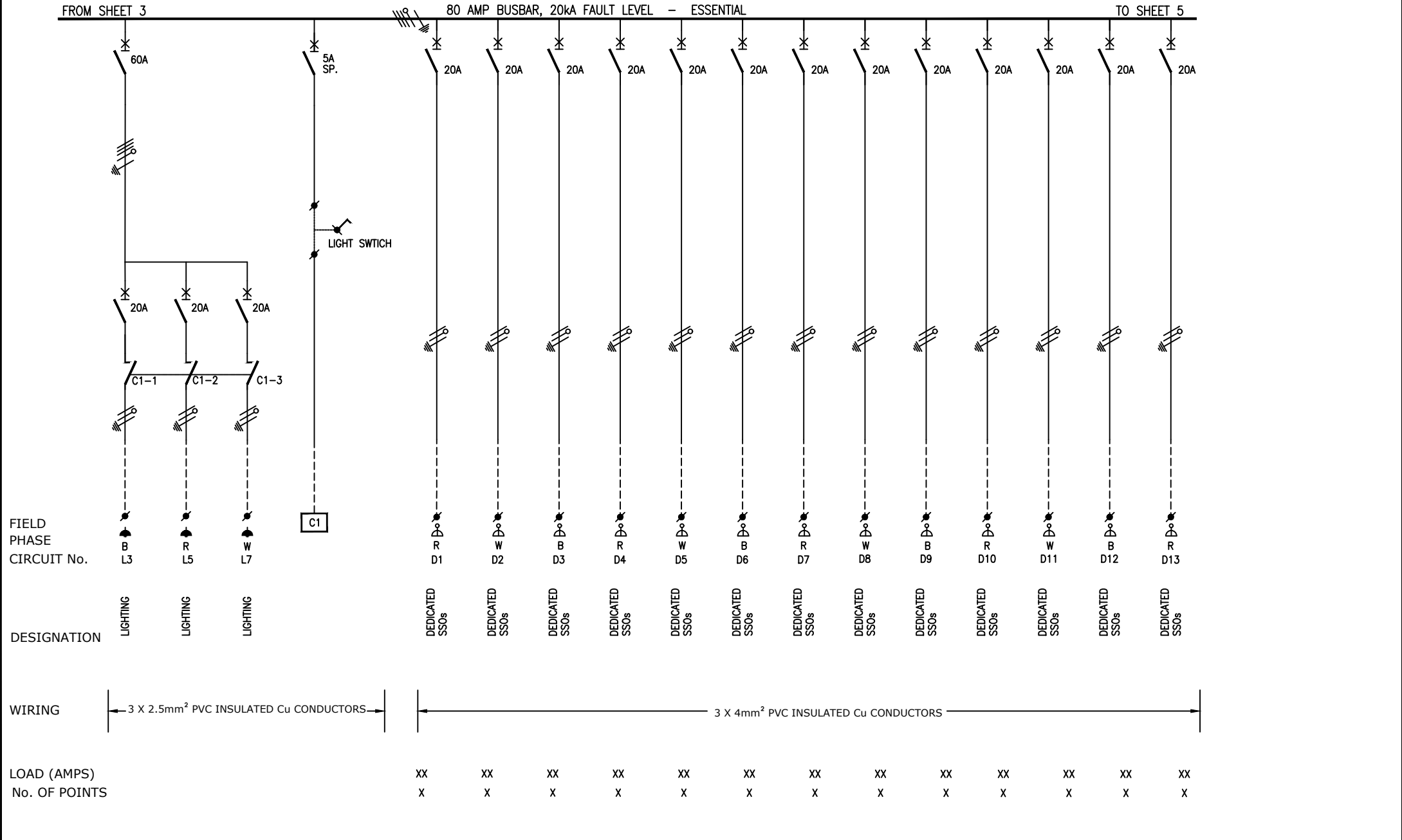
ESSENTIAL


TO SHEET 4

XX
X

										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.										
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					M.Kambaran	VT	Nov'17	n.t.s PAPER SIZE: A3												
0	Original Issue			CG	28/2/20	MK	PROJECT No. 17052	DRAWING No. 409	SHEET: 3 of 5	REV. 0	DRAWING TITLE: OFFICE DB DB-01/01E SINGLE LINE DIAGRAM									
REV	DESCRIPTION			BY	DATE	CHKD.	File Name : 17052_403 Lyr:													
																				





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						ENGINEER	DRAWN	DATE:	SCALE:	CHKD.	TITLE Government Printing Works Refurbishment										
						M.Kambaran	VT	Nov'17	n.t.s												
									PAPER SIZE:		DRAWING TITLE: OFFICE DB DB-01/01E SINGLE LINE DIAGRAM										
						PROJECT No.	DRAWING No.	SHEET:	A3	REV.											
0	Original Issue				CG	28/2/20	MK	17052	409	4 of 5	0	 Solutions For The Built Environment									
REV	DESCRIPTION				BY	DATE	CHKD.	File Name : 17052_403 Lyr:													

20A

20A

20A

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20A

CIRCUIT No.

W
D14

B
D15

R
D16

W
D17

B
D18

R
D19W
D20

AC-

W
AC2B
AC3

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

PATCH ROOM

PATCH ROOM

SECURITY

SPARE

SPARE

SPARE

3 X 4mm² PVC INSULATED
Cu CONDUCTORS

XX

XX


XX

X

X

X

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					ENGINEER				DRAWN	DATE:	SCALE: n.t.s	CHKD.	TITLE Government Printing Works Refurbishment		
					M.Kambaran				VT	Nov'17	PAPER SIZE: A3				
0 Original Issue					CG	28/2/20	MK	PROJECT No. 17052		DRAWING No. 409		SHEET: 5 of 5	REV. 0		DRAWING TITLE: OFFICE DB DB-01/01E SINGLE LINE DIAGRAM
REV	DESCRIPTION				BY	DATE	CHKD.	File Name : 17052_403 Lyr:							

