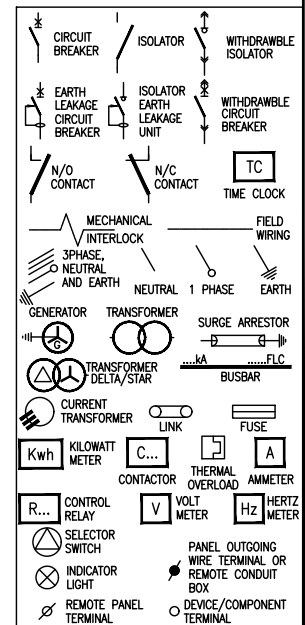
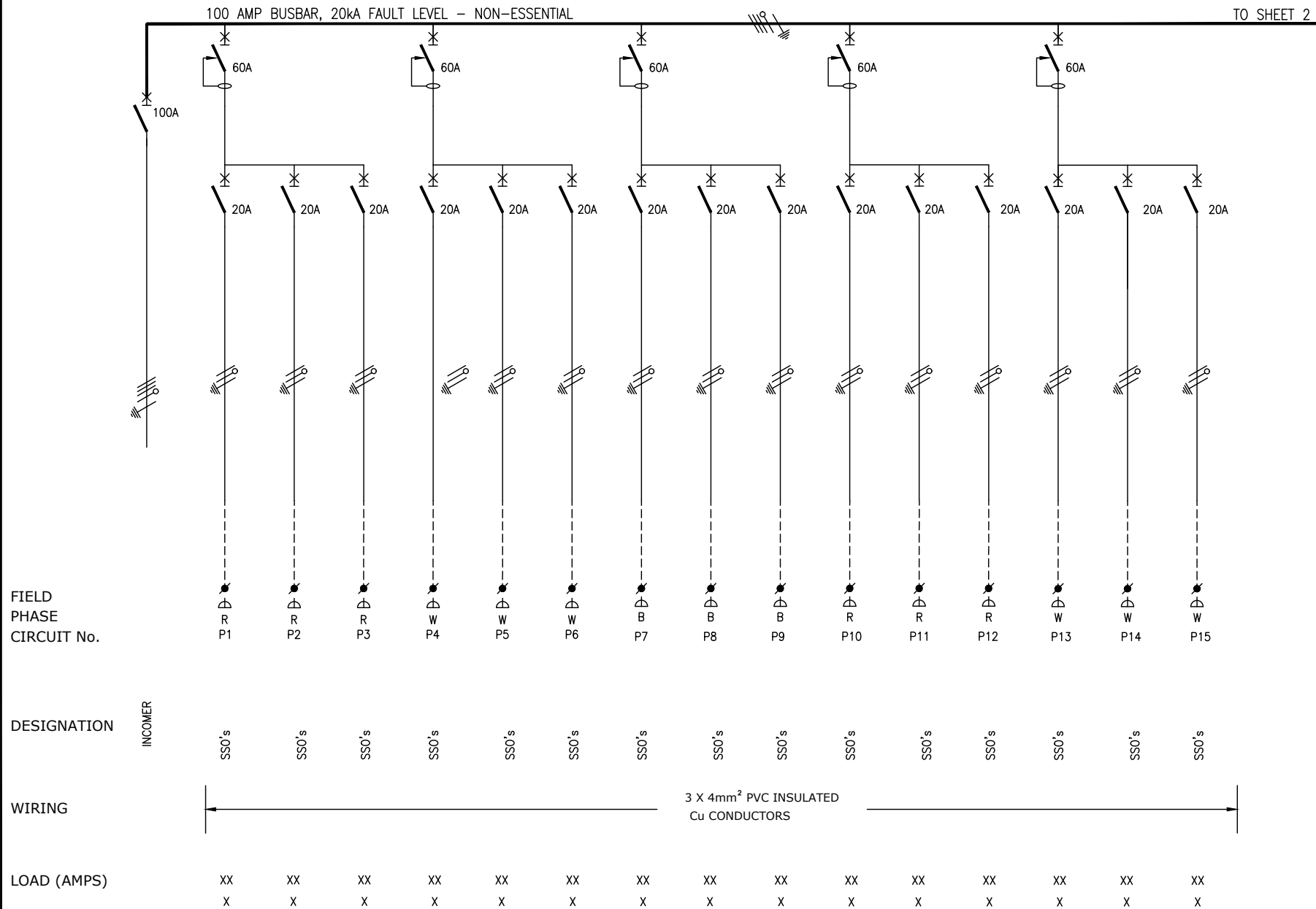


- 1) DROPPERS/TAILS TO BE RATED FOR FULL PL
LET THROUGH.
- 2) HARNESSED WIRING TO BE DERATED.
- 3) TUFFNOL BRACES ARE NOT TO BE USED
ABOVE 10kA.
- 4) COPPER BUSBARS TO BE CONTINUOUS
RATED.
- 5) ALL OUTGOING CIRCUIT BREAKERS TO BE
FITTED WITH COPPER TAILS TO FACILITATE
CABLE TERMINATIONS IN THE CABLE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



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					ENGINEER	DRAWN	DATE:	SCALE: n.t.s	CHKD.
					M.Kambaran	VT	Nov'17	PAPER SIZE: A3	
0	Original Issue	CG	28/2/20	MK	PROJECT No. 17052	DRAWING No. 412	SHEET: 1 of 5	REV. 0	
REV	DESCRIPTION	BY	DATE	CHKD.	File Name : 17052_403	Lyr:			

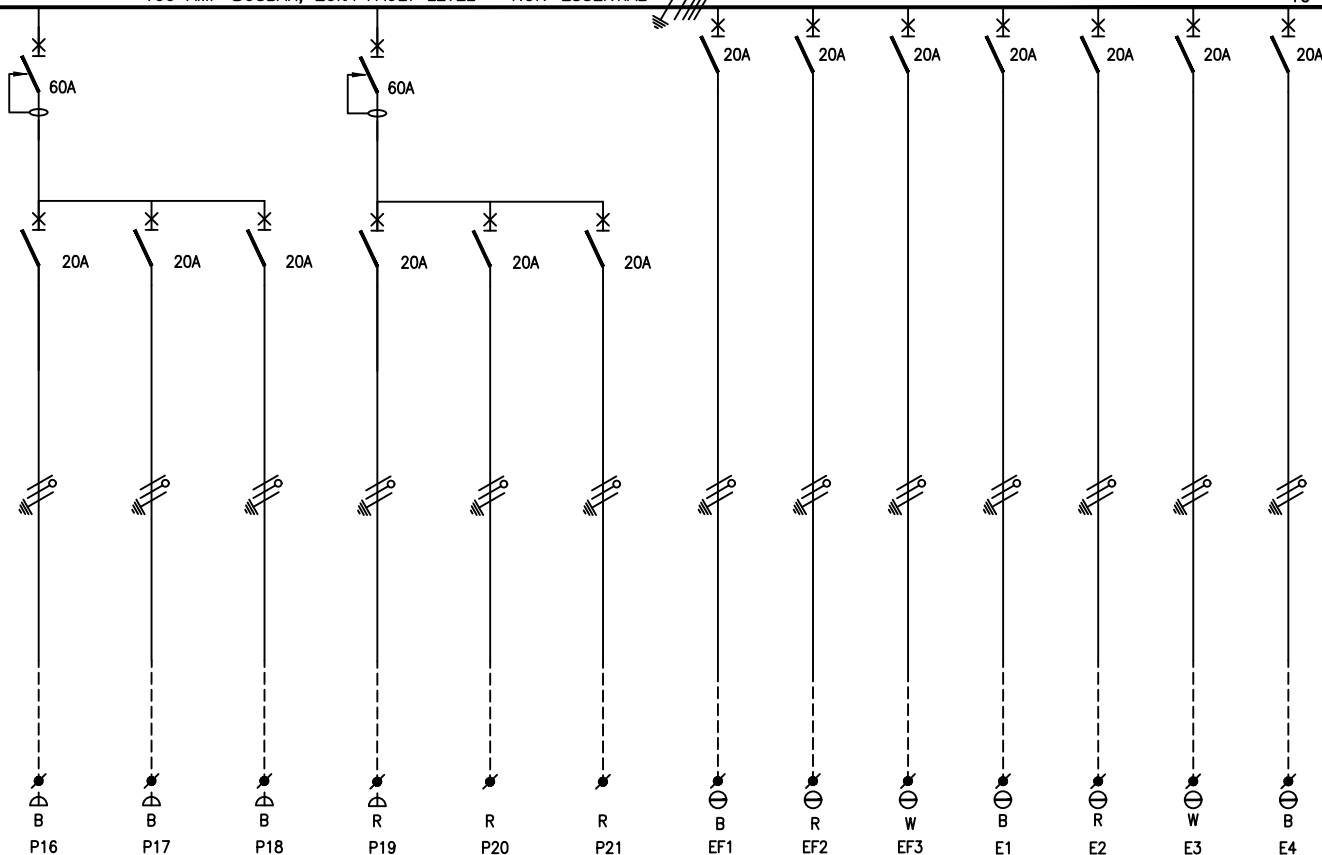
TITLE	Government Printing Works Refurbishment
DRAWING TITLE:	OFFICE DB DB-04/04E SINGLE LINE DIAGRAM



FROM SHEET 1

100 AMP BUSBAR, 20kA FAULT LEVEL – NON-ESSENTIAL

TO SHEET 3

FIELD
PHASE

CIRCUIT No.

DESIGNATION

WIRING

LOAD (AMPS)

P16

P17

P18

P19

P20

P21

EF1

EF2

EF3

E1

E2

E3

E4

SSO's

SSO's

SSO's

SSO's

SPARE

SPARE

EXTRACTOR FAN

EXTRACTOR FAN

EXTRACTOR FAN

HANDDRIERS

HANDDRIERS

HYDROBOIL

EQUIPMENT

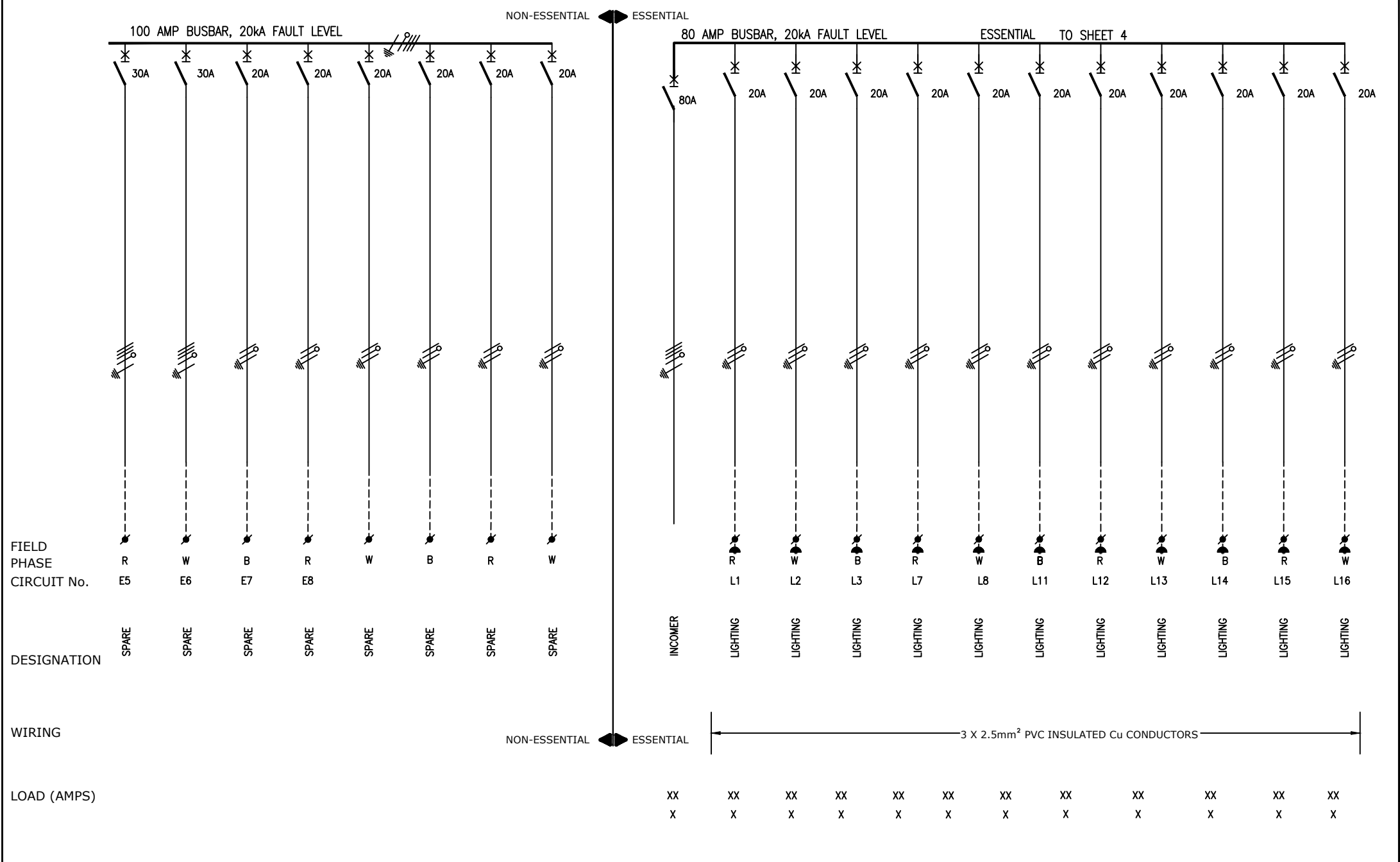
3 X 4mm² PVC INSULATED
Cu CONDUCTORSXX
XXX
XXX
XXX
XXX
XXX
XXX
XXX
XXX
XXX
XXX
XXX
X


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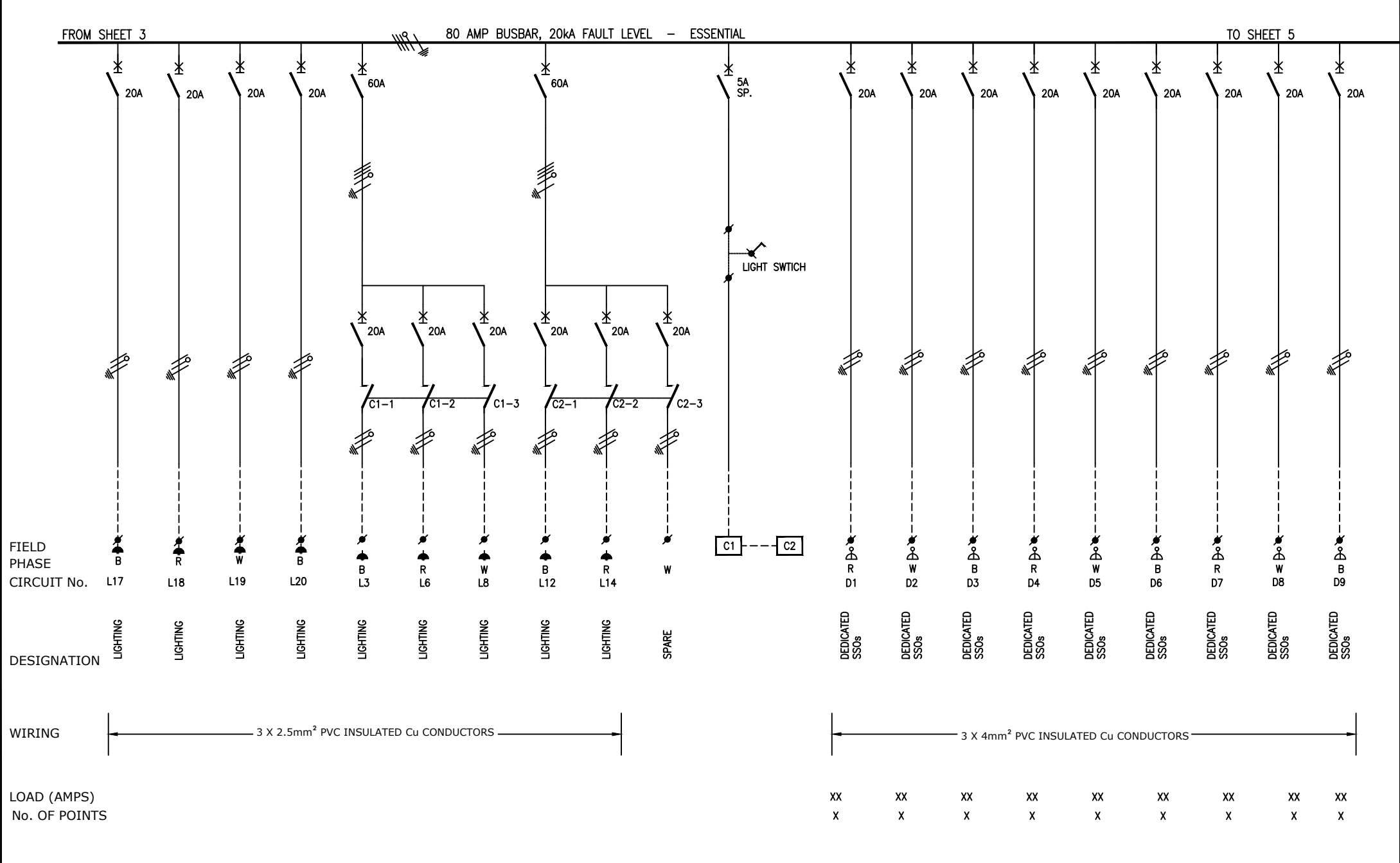
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					M.Kambaran	VT	Nov'17	n.t.s	
					PROJECT No.	DRAWING No.	SHEET:	PAPER SIZE:	REV.
0	Original Issue	CG	28/2/20	MK	17052	412	2 of 5	A3	0
					File Name : 17052_403 Lyr:				


TITLE	
Government Printing Works Refurbishment	
DRAWING TITLE:	
OFFICE DB DB-04/04E SINGLE LINE DIAGRAM	

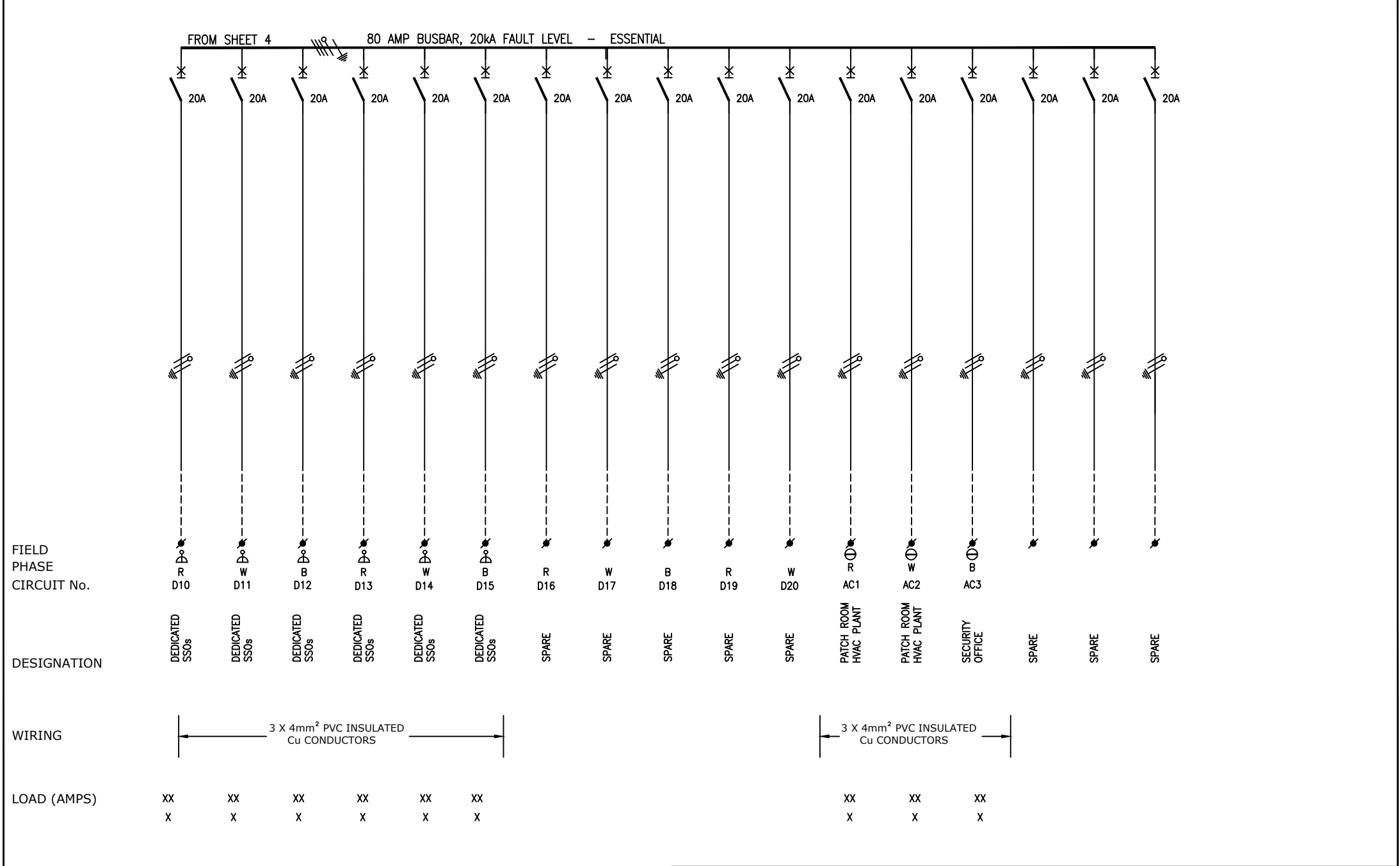





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REV	DESCRIPTION		BY	DATE	CHKD.	File Name : 17052_403 Lyr:				
<div><div> LDM <i>Solutions For The Built Environment</i></div></div>										



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REV	DESCRIPTION				BY	DATE	CHKD.	File Name : 17052_403			Lyr:			<div>LDM <i>Solutions For The Built Environment</i></div>									



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