

- NOTES
- 1) DROPPER TAILS TO BE RATED FOR FULL T
- 2) LET THROUGH,
- 3) HARNESS WIRING TO BE DERATED,
- 4) TUFFON, BRACES ARE NOT TO BE USED ABOVE 10KA.
- 5) COPPER BUSBARS TO BE CONTINUOUS
- 6) RATED,
- 7) AIRCIRCUITING CIRCUIT BREAKERS TO BE FITTED WITH COPPER TAILS TO FACILITATE CABLE TERMINATIONS IN THE CABLE CHAMBER AND NOT ON THE CIRCUIT BREAKER,
- 8) COPPER TAILS FROM DROPPER BUSBAR AND DROPPER BREAKER TO BE FITTED WITH AIRCIRCUITING CIRCUIT BREAKER TAIL, AND SHROUDED WITH HEAT SHRINK,
- 9) ALL CIRCUIT BREAKERS TO BE FITTED WITH TERMINAL SHIELD ON LIVE AND LOAD SIDES,
- 10) ENCLOSURE TO BE IP54,
- 11) PHASING RWE 1 TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT,
- 12) INCH UP TO 10 TO BE LEFT TO 5" ABOVE AMBIENT MAX 40°C,
- 13) ALL CIRCUITS TO BE LABELED,
- 14) 25% SPARE SPACE, SPARE SPACES ARE TO BE FITTED WITH COPPER BUSBAR TAILS CONNECTED TO DROPPER BUSBARS TO ALLOW MIS TALKATION/ CIRCUIT TRIP TO BE WITH A MINIMAL SHUT DOWN PERIOD,
- 15) AUTOMATIC CHANCEOVER TO BE CONTROLLED BY STANDBY GENERATOR CONTROLLER.

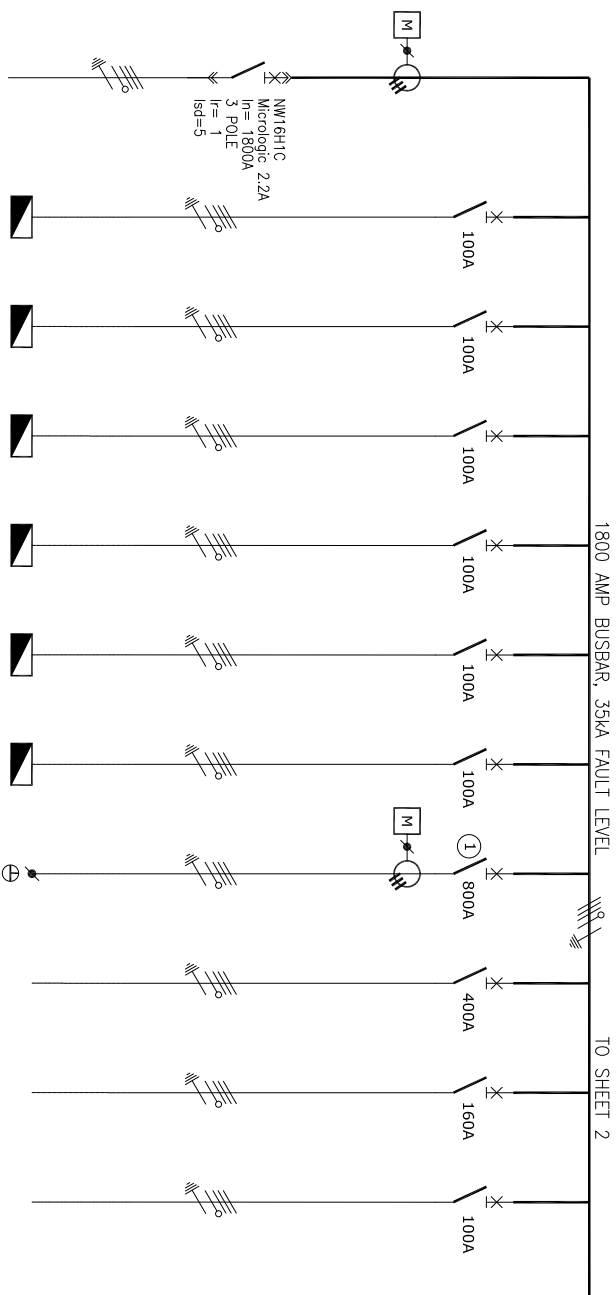
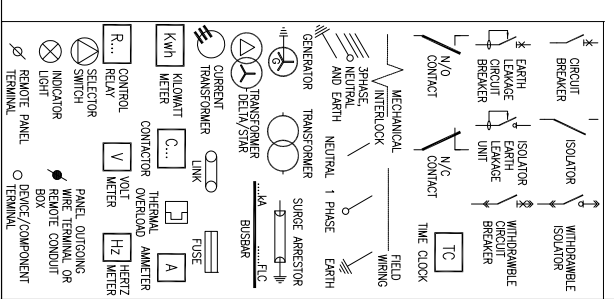
INCOMING CABLE  
OUTGOING CIRCUITS  
COLOUR  
MOUNTING  
ACCESS  
PROTECTIVE DEVICES  
ACBS (800A-4000A)  
MCBS  
CONTACTORS  
METERS

ELECTRICAL NOTES

1) CIRCUIT BREAKER TO BE "D" CURVE

-BUSBAR / TOP  
-ORANGE / RED  
-FLOOR STANDING  
-FRONT  
-SCHEIDER  
-MASTERPACT NW  
-COMPACT CSU  
-MILIT. 9, TYPE 2  
-AC3 HEAVY DUTY  
-PM 3320

ELECTRICAL NOTES  
1) CIRCUIT BREAKER TO BE "D" CURVE



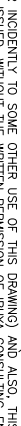
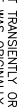
DESIGNATION
1250KVA TRANSFORMER
DB-01 (GROUND FLOOR)
DB-01 (FIRST FLOOR)
DB-02 (SECOND FLOOR)
DB-03 (THIRD FLOOR)
DB-04 (FOURTH FLOOR)

WIRING

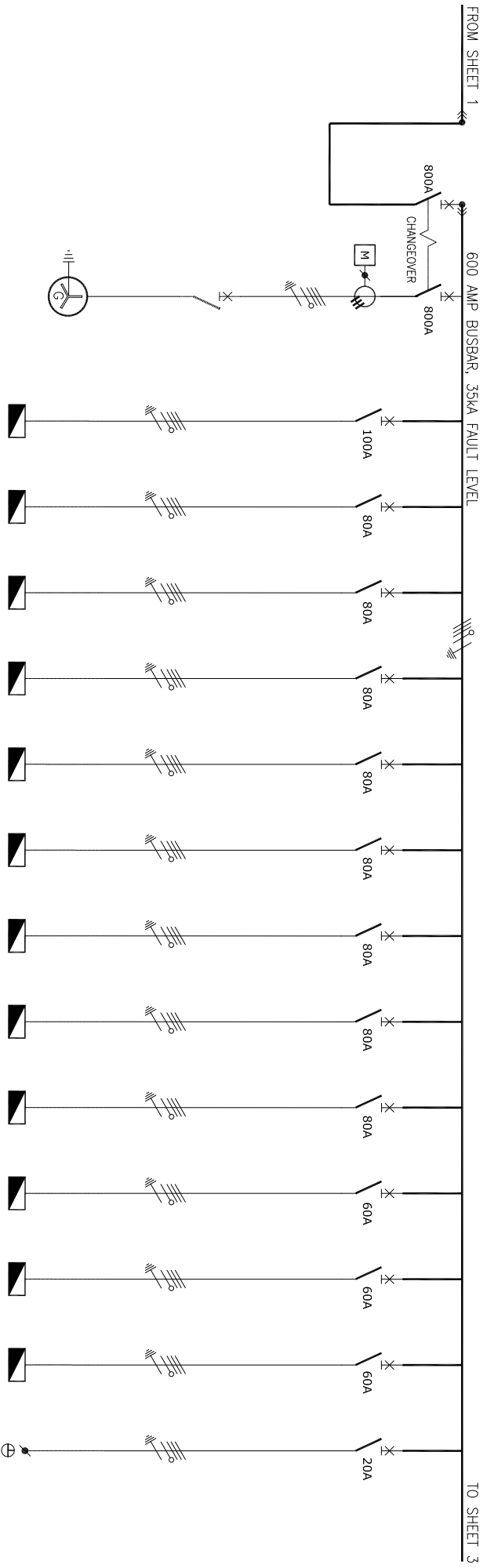
REFER TO CABLE SCHEDULE

LOAD (AMPS)	XX	XX	XX	XX	XX	XX	XX
No. OF POINTS	1	1	1	1	1	1	1

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		ENGINEER		DRAWN		DATE:		SCALE:		CHKD.	
		M. Kambaran		VT		Nov'17		n.l.s			
		PROJECT No.		DRAWING No.		SHEET:		PAPER SIZE:		REV.	
		17052		401		1 of 3		A3		A	
		BY		DATE		CHKD.		FILE Name : 17052_401			
0		Original Issue		VT		22/02/18		AM			
A		General Revision		VT		11/03/20		MK			
REV		DESCRIPTION		BY		DATE		CHKD.		TITLE	
										Government Printing Works Refurbishment MAIN LV PANEL (NON-ESSENTIAL & ESSENTIAL) SINGLE LINE DIAGRAM	



Solutions For The Built Environment



FIELD PHASE CIRCUIT No	
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DESIGNATION	500 KVA GENERATOR	DB-B1E (BASEMENT LEVEL)	DB-G1E (GROUND FLOOR)	DB-01E (FIRST FLOOR)	DB-02E (SECOND FLOOR)	DB-SERVER ROOM (SECOND FLOOR)	DB-03E (THIRD FLOOR)	DB-04E (FOURTH FLOOR)	DB-05E (FIFTH FLOOR)	DB-ROOF	LIFT 1	LIFT 2	LIFT 3	DB-ACDB2 (SMOKE EXTRACTION BASEMENT LEVEL)
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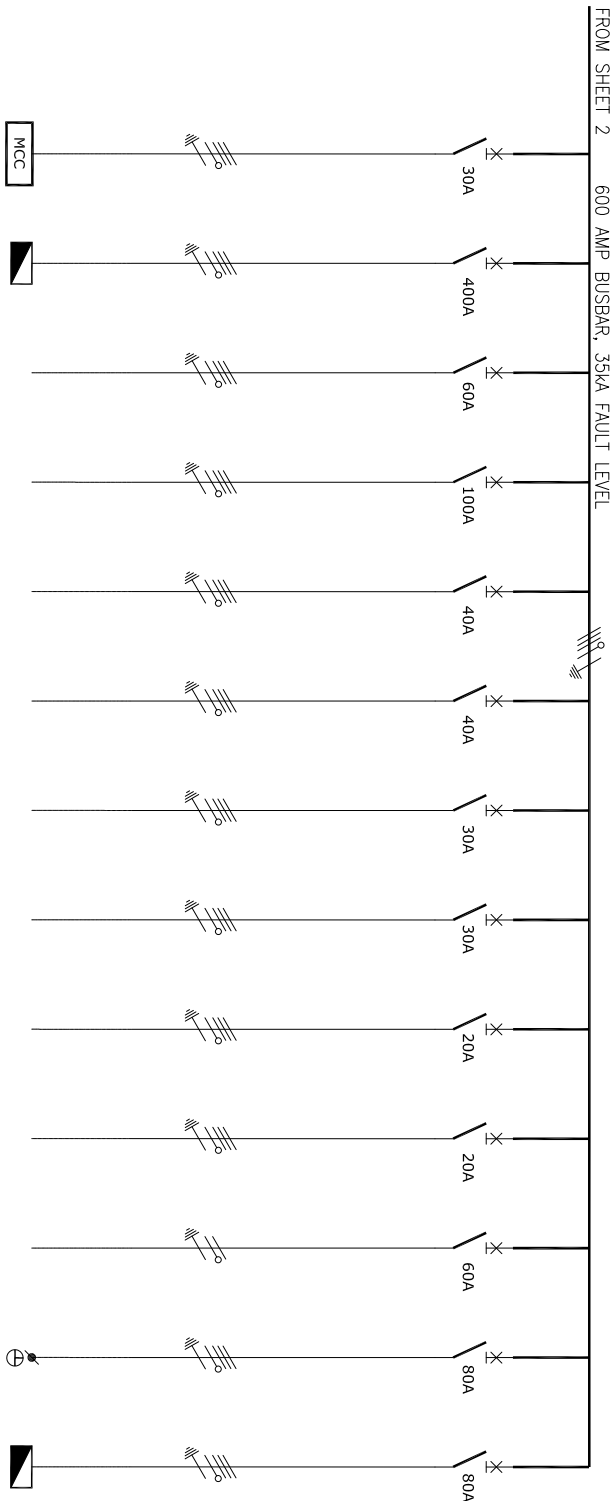
WIRING

REFER TO CABLE SCHEDULE

LOAD (AMPS) No. OF POINTS	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
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			ENGINEER	DRAWN	DATE:	SCALE:	CHKD.	TITLE						
A	General Revision	VT 11/03/20	M.Kambaran	VT	Nov'17	N.t.s PAPER SIZE: A3		Government Printing Works Refurbishment						
0	Original Issue	VT 22/02/18	AM	17052	401	SHEET: 2 of 3	REV. A	DRAWING TITLE: MAIN LV PANEL (NON-ESSENTIAL & ESSENTIAL) SINGLE LINE DIAGRAM						
REV/	DESCRIPTION	BY	DATE	CHKD.	File Name :17052_401	Lvt:								

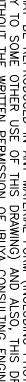
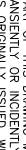




WIRING

REFER TO CABLE SCHEDULE

LOAD (AMPS)  
No. OF POINTS

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TITLE										
Government Printing Works Refurbishment										
DRAWING TITLE: MAIN LV PANEL (NON-ESSENTIAL & ESSENTIAL) SINGLE LINE DIAGRAM										
<div><div>Solutions For The Built Environment</div></div>										