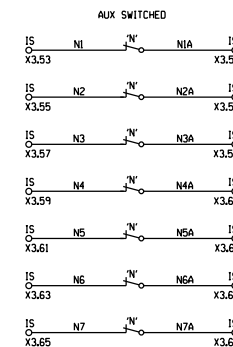
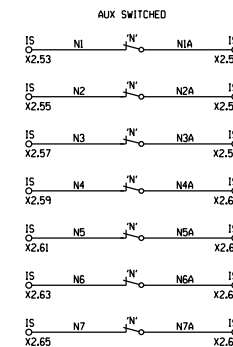
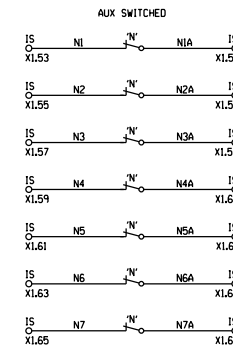
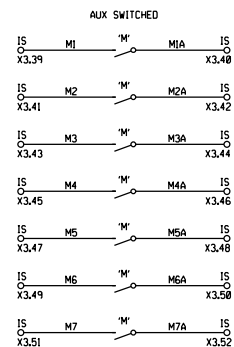
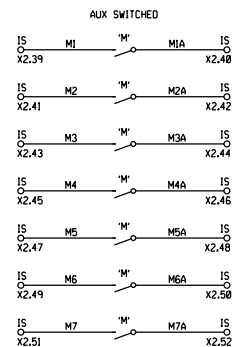
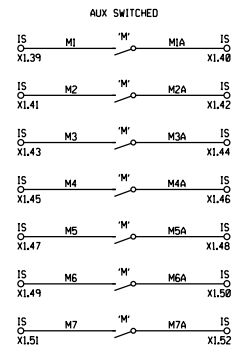
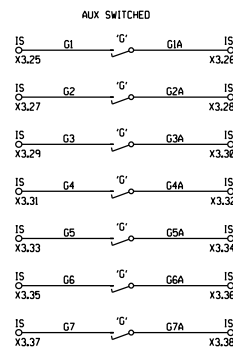
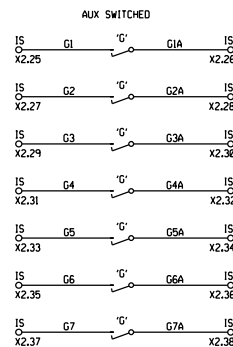
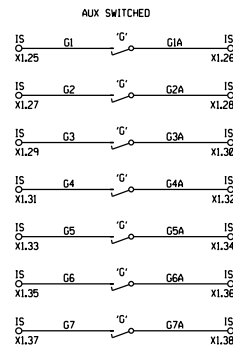


NOTE:

1. 'M' NORMALLY OPEN CONTACT WHICH MAKE AFTER THE MAIN CONTACT MAKES.
2. 'N' NORMALLY CLOSED CONTACT WHICH BREAK BEFORE THE TYPE 'G' CONTACT MAKES.
3. 'G' NORMALLY OPEN CONTACT WHICH MAKE BEFORE THE MAIN CONTACT MAKES.
4. WHERE THE MECHANISM BOX HEATER EXCEEDS 100W (SUBJECT TO ESKOM APPROVAL) IT SHALL BE THERMOSTATICALLY CONTROLLED SO AS TO PREVENT OVER HEATING OF THE CUBICLE.
5. PLEASE NOTE: THIS DRAWING IS APPLICABLE TO PANTOGRAPH ISOLATORS, THE THREE MECHANISM BOXES SUPPLIED ARE TO BE LINKED BY UMBILICAL CABLES SUCH THAT ONE BOX WILL FORM THE CENTRAL, SINGLE ACCESS POINT FOR CONTROL CABLES.
6. REPLACE ALL FUSES WITH MCB'S OF SAME RATING
7. SEE STATION ELECTRIC FOR PHASING SEQUENCE WHEN EXECUTING APPLICATION
8. ALL ALARMS INDICATED ON THIS SHEET SHALL BE PROVIDED, EXCEPT WHERE A PARTICULAR ALARM IS NOT APPLICABLE TO THE SPECIFIC SWITCHGEAR TYPE, ALTERNATIVE ALARMS/FUNCTIONS MAY NOT BE WIRED TO STANDARD TERMINALS DESIGNATED FOR ANOTHER ALARM/FUNCTION, BUT SHALL BE WIRED TO SPARE TERMINALS.
9. INTERFACE TO CONTROL BOX SHALL BE CARRIED OUT IN THE FOLLOWING MANNER:
'A' PHASE ON STRIP X1; 'B' PHASE ON STRIP X2 & 'C' PHASE ON STRIP X3
10. TERMINALS MUST BE RAIL MOUNTED, SCREW CLAMP, SPRING LOADED INSERTION TYPE. PROVIDE ENTRELEC M8/10RS OR WEIDMULLER WDU 10 SL



'A' PHASE
NOTE 3 & 7

'B' PHASE
NOTE 3 & 7

'C' PHASE
NOTE 3 & 7

1 VOLTAGE RANGE INCLUDES TEST & ADDED NOTE 8		REV	LC	IMP	28/05/15
REV	REVISION DESCRIPTION		BY	CHKD	AUTH
PROJECT APPROVED	DESIGN APPROVED	Eskom		ESKOM HOLDINGS LIMITED	
DATE	DATE	04/06/2011		REG NO. 2002/010527/06	
PROJECT CHECKED	DESIGN CHECKED	L. OETTY		OUTDOOR APPLICATION	
DATE	DATE	04/06/2011		PANTOGRAPH 220, 275, 400 & 765kV	
PROJECT DRAWN BY	DESIGN DRAWN BY	R. VELDEN		STANDARD TERMINAL NUMBERING	
DATE	DATE	29/06/2011		0.54/07861	
SCBLC				SHEET NUMBER	REVISION
				1	1