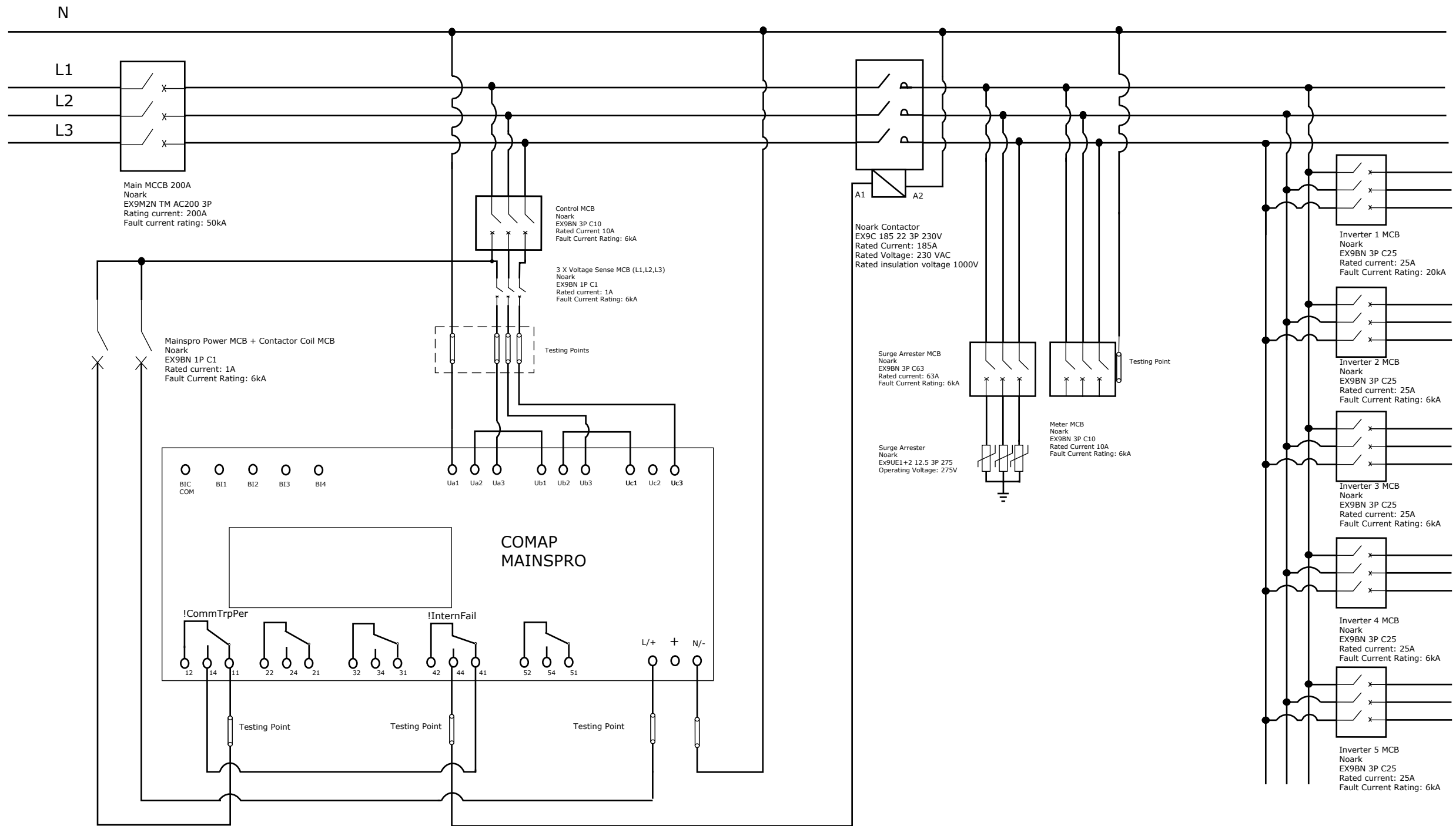




Central Protection Relay (CPR) Settings		
27 Under Voltage 1	5V for 0.45 seconds	Reconnect/Prevent Closing: 160V for 20 seconds
27 Under Voltage 2	160V for 10.45 seconds	
59 Over Voltage 1	276V for 1 second	Reconnect/Prevent Closing: 264V for 20 seconds
59 Over Voltage 2	264V for 10 seconds	
81U Under Frequency 1	47.5 Hz for 10 seconds	
81U Under Frequency 2	47 Hz for 0.2 seconds	
810 Over Frequency 1	52 Hz for 6 seconds	
810 Over Frequency 2	52.5 Hz for 0.2 seconds	
78VS Voltage Vectore Shift	12°, 0 sec	
81R ROCOF	4 Hz/s 250ms delay, ≤8 cycles sampling rate	

CONSULTANT

CLIENTS

DRAW BY

PROJECT

SHEET TITLE

SHEET NAME

NOTES

- All works shall comply with: AS3000, AS3006, AS5033, AS4777, CEC Guidelines, Supply Authority Service & Installation Rules and local authority guidelines.
- Ensure system is labelled to AS5033, AS4777, CEC guidelines and relevant state requirements.
- POC design and material supply should be inline with connection agreement.

☒ FOR CONSTRUCTION

☐ PROGRESS DRAWING

REVISION	DS	APPROVAL
1		
2		
3		

REVISION

V 1.0

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