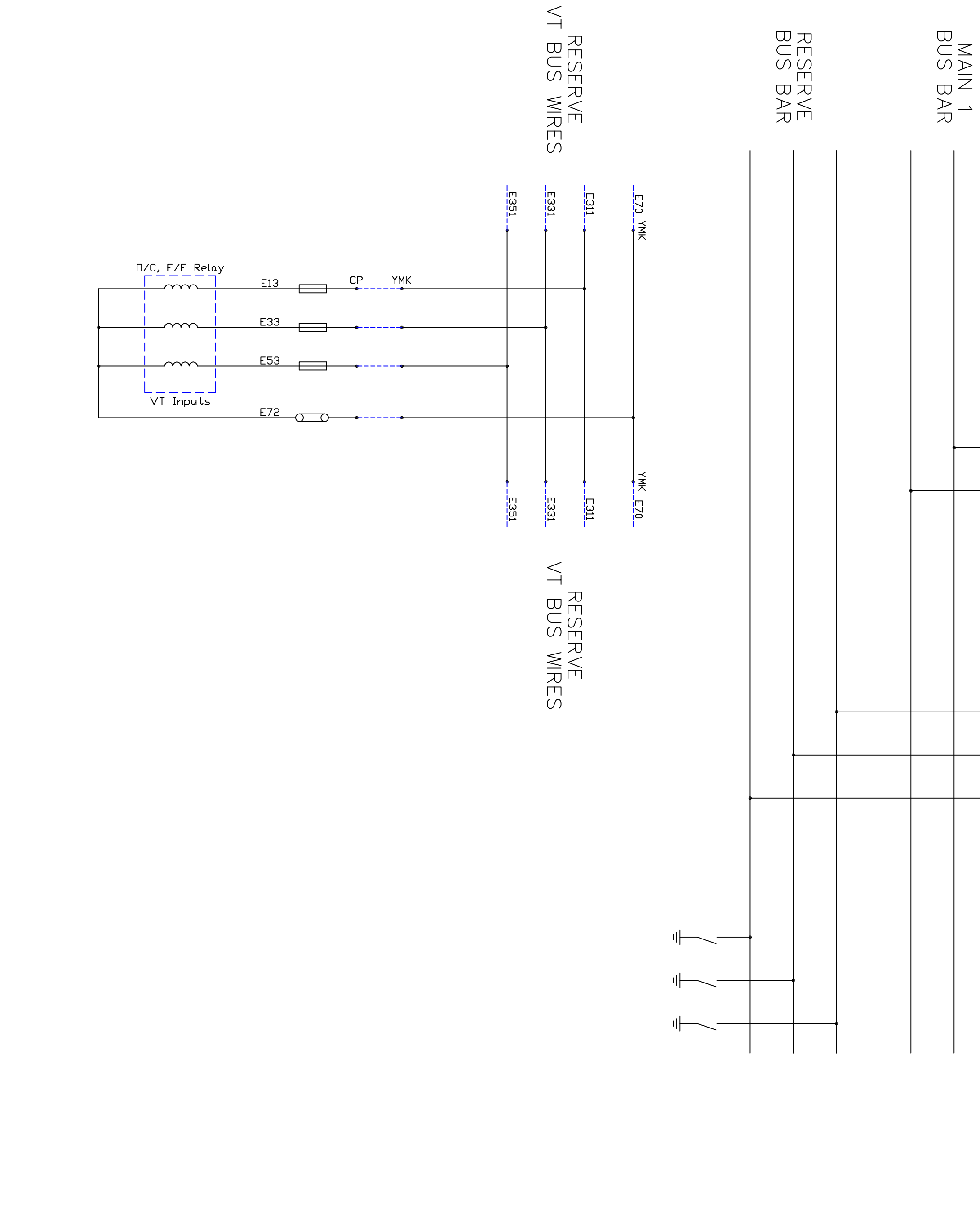
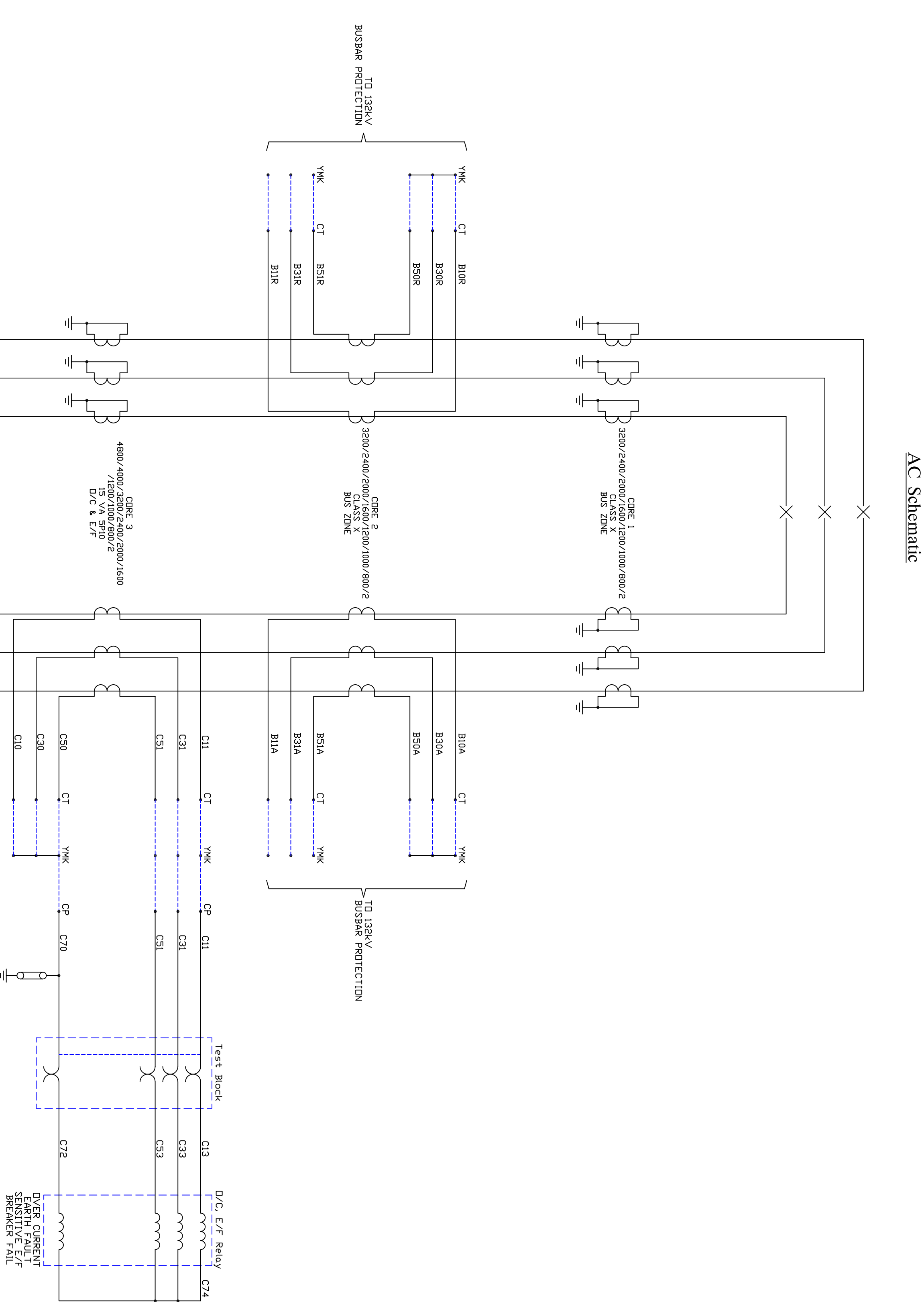
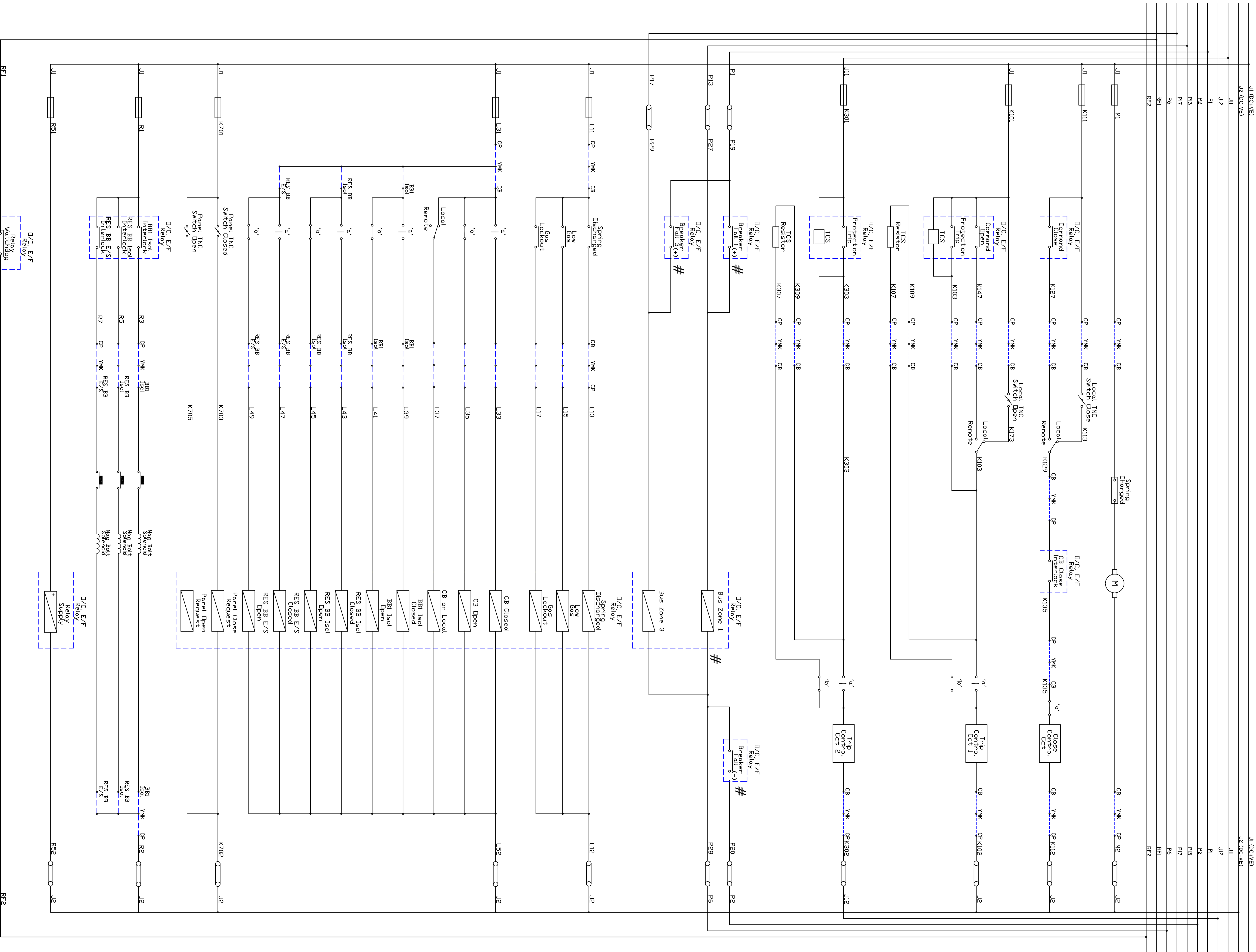




LEGEND	
CP	Control Panel
YMK	Yard Mounting Kiosk
E/S	Earth Switch
ISOL	Isolator
CB	Circuit Breaker
BH1	Busbar 1
BH2	Busbar 2
ARC	Auto Reclose
ICS	Trap Circuit Supervision
PS	Push Button
PTB	Pilot Board
W	Contact which is 'Closed' when Primary Equipment is 'Open'
W	Contact which is 'Open' when Primary Equipment is 'Open'
W	Fuse
W	Link
W	Push Button
W	Relay Digital Input
W	Relay Analog Input
W	Normally Open Contact
W	Normally Closed Contact
W	Current Transformer

NOTES:

1. The scope of this drawing is to clarify the requirements of the associated contract/industry specification. The issue of this with the specification does not constitute an acceptance of the specification. It is the responsibility of the client to ensure that the specification is correct and that it is not in conflict with any other requirements.

2. All relays have been shown de-energised with switches open.

3. This drawing will enable the different contractors to co-ordinate their work and ensure that the different contractors are aware of the requirements of the specification. The issue of this with the specification does not constitute an acceptance of the specification. It is the responsibility of the client to ensure that the specification is correct and that it is not in conflict with any other requirements.

4. Test blocks have been shown schematically. The actual wiring must be from the left, 'RED', 'WHITE' and 'BLUE' as viewed from the front of the test block.

5. Circuitry marked 's' is only required if differential relay make & model has been specified to match remote end and is not IEC 61850 compliant.

6. Contacts and inputs marked 'W' must all be contained in the same relay.

REVISIONS		DATE		BY		CHECKED	
1	20/10/2020	1	20/10/2020	1	20/10/2020	1	20/10/2020
PROPOSED 120V DOUBLE BUSBAR SWITCHYARD							
AC & DC SCHEMATIC FOR 120V BUS COUPLER							
SCALE				SHEET NUMBER			
N/A				TD-50			
REV				1			