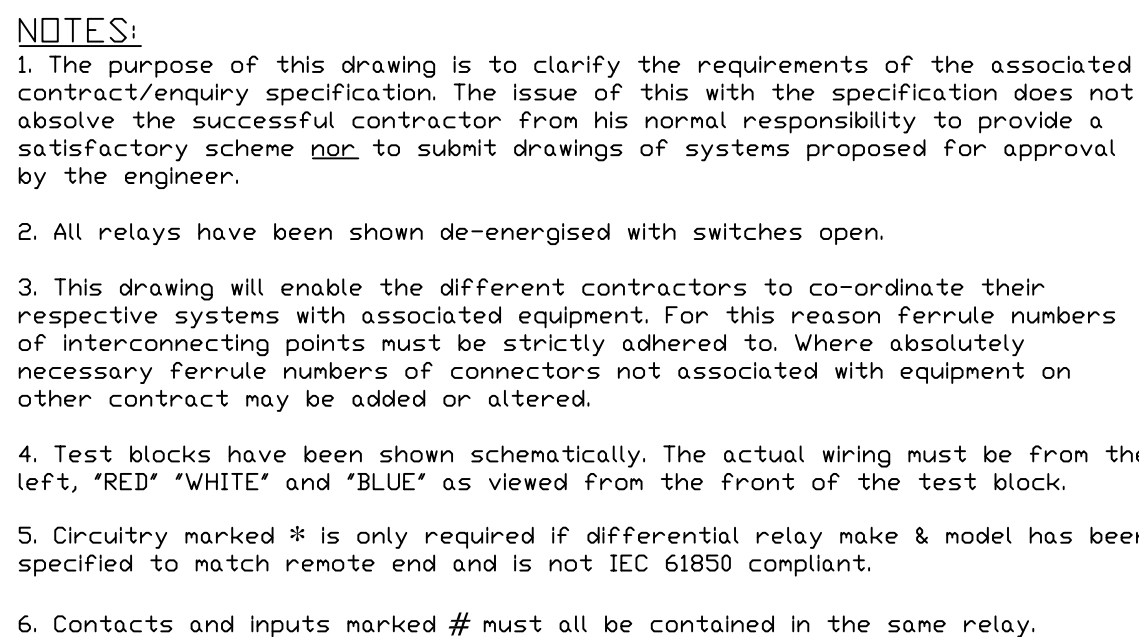




<u>LEGEND</u>	
TRP	Transformer Relay Panel
TMK	Transformer Marshalling Kiosk
YMK	Yard Marshalling Kiosk
TCM	Tap Change Mechanism
ISDL	Isolator
ES	Earth Switch
SGF	Terminal in Switchgear Front Relay Panel
SGR	Terminal in Switchgear Rear Secondary Cable Box
CB	Circuit Breaker
BB1	Busbar 1
BB2	Busbar 2
IE	Incomer Earth
TCS	Trip Circuit Supervision
PB	Push Button
PTB	Pilot Board
D/S	Dut Station
J1	DC +ve Buswire
J2	DC -ve Buswire
RF1 & RF2	Relay Fail Buswire
ARC	Auto Reclose
	Contact which is Closed when Contact is Closed
	Contact which is Closed when Contact is Open
	Fuse
	Link
	Control Switch
	Push Button
	Relay Digital Input
	Relay Analog Input
	Normally Open Contact
	Normally Closed Contact
	Current Transformer

DRAWN	J.LAWRENZ					
DATE	06-08-2015					
CHECKED						
DRAWN/TYPEN		REFERENCE DRAWINGS:	REVISIONS:	BY:	DATE:	
PLANNING	PETER	EHEKWINI ELECTRICITY				
PREDICTION	TIMOTHY	PROPOSED 132/11 kV SUBSTATION WITH 132kV GIS				
DESIGN	NATHANIEL	WITHOUT JERICHO				
PLANNING	MURRAY	AC & DC SCHEMATIC OF				
DESIGN	KENNETH	132/11 kV TRANSFORMER (FIXED PATTERN)				
PLAN/PANEL	MANUEL					
APPROVED		SCALE:	DRAWING NUMBER:		REV:	
BENTLEY HEAD N.V. OPERATIONS		NTS	TD 69, Sheet 2 of 2			