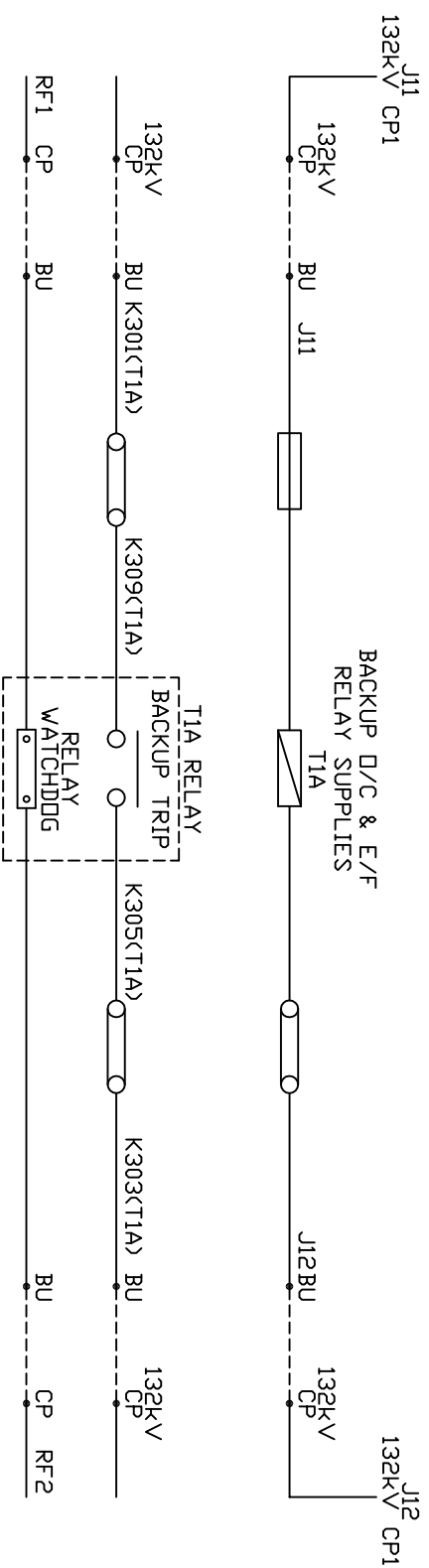
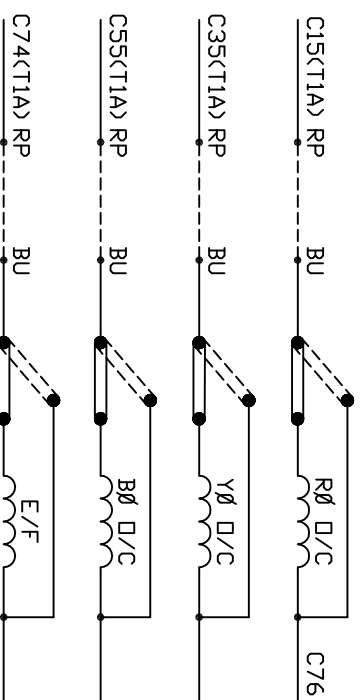


DC CIRCUITS

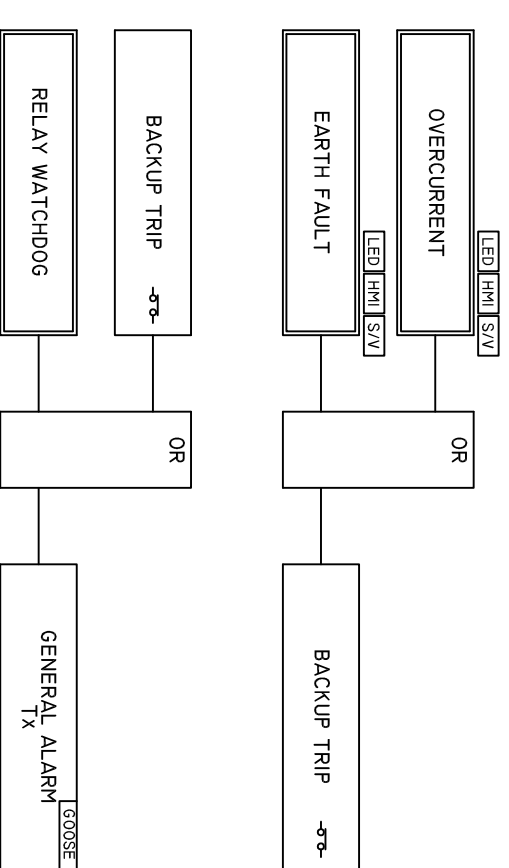


AC CIRCUITS

TRANSFORMER 1A



The AC & DC Circuits for other Transformers Identical to above



DRAWN	A. J. R. W.					
DATE	11.08.2005					
TRACED						
CHIEF DRAUGHTSMAN		ETHEKWINI ELECTRICITY AC & DC SCHEMATIC AND PROTECTION & CONTROL LOGIC FOR 132kV TRANSFORMER BACKUP PROTECTION				
PLANNING OFFICER						
PROTECTION ENGINEER						
PLAN./PROJ. ENGINEER						
PLAN./PROJ. MANAGER						
APPROVED A. J. DOLD DIRECTOR TRANSMISSION		REFERENCE DRAWINGS:	REVISIONS:	BY:	DATE:	
		SCALE:		DRAWING NUMBER:		REV:
		N.T.S.		TD 38		