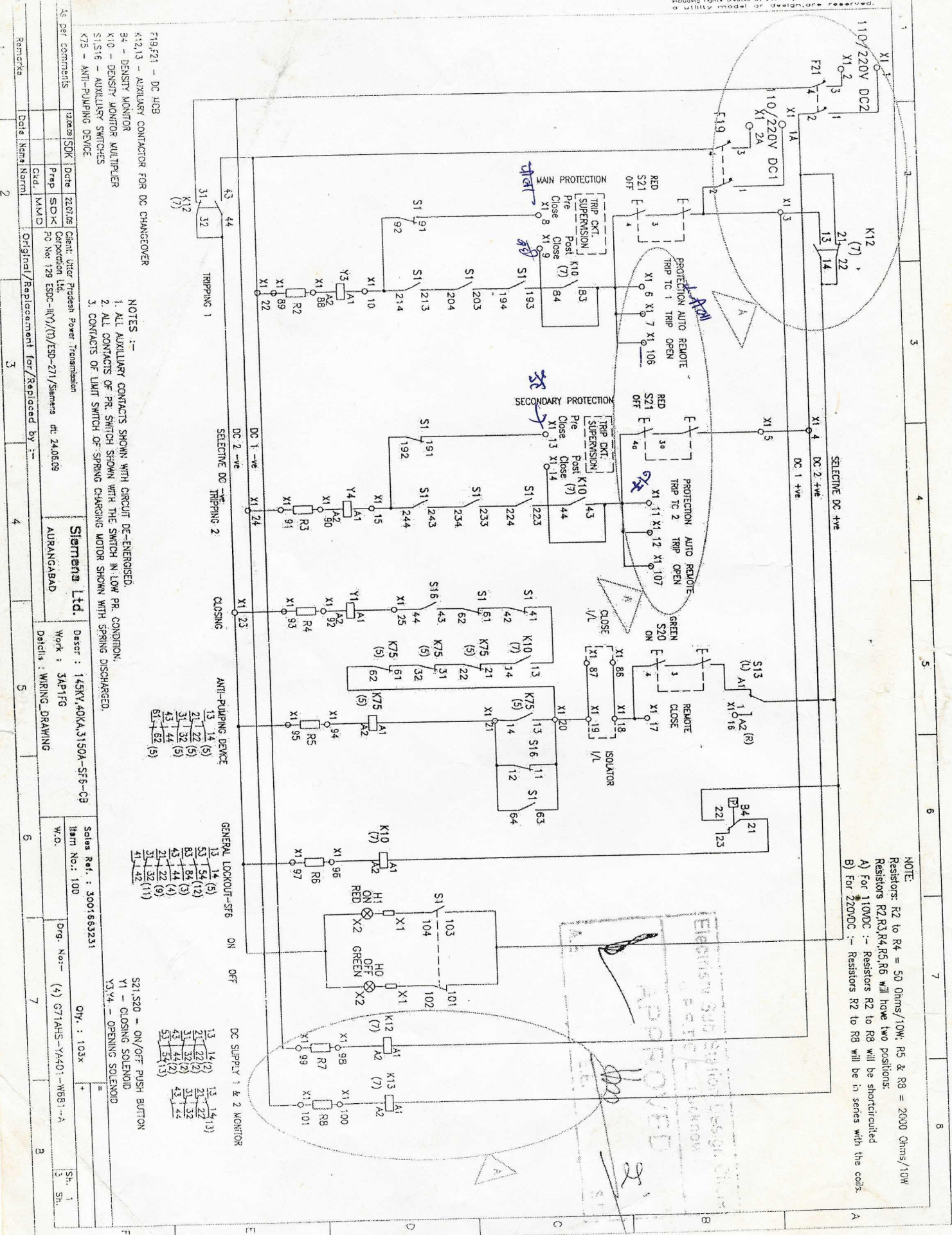


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NOTE:
Resistors: R2 to R4 = 50 Ohms/10W; R5 & R8 = 2000 Ohms/10W
Resistors R2,R3,R4,R5,R6 will have two positions:
A) For 110VDC :- Resistors R2 to R8 will be shortcircuited
B) For 220VDC :- Resistors R2 to R8 will be in series with the coils.

NOTES :-
1. ALL AUXILIARY CONTACTS SHOWN WITH CIRCUIT DE-ENERGISED.
2. ALL CONTACTS OF PR. SWITCH SHOWN WITH THE SWITCH IN LOW PR. CONDITION.
3. CONTACTS OF LIMIT SWITCH OF SPRING CHARGING MOTOR SHOWN WITH SPRING DISCHARGED.

Rev	Comments	Date	Drawn	Checked	Approved	Original/Replacement for/Replaced by :-	Siemens Ltd.	Desig. : 145KV, 40KA, 3150A-SFB-CB	Work : 3AP1FG	Details : WIRING DRAWING	Qty. : 103x	+	Sh. 1	Sh. 1
1	Rev 1	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
2	Rev 2	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
3	Rev 3	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
4	Rev 4	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
5	Rev 5	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
6	Rev 6	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
7	Rev 7	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1
8	Rev 8	12/01/05	Pradeep	SDK	MM	Original	Siemens Ltd.	145KV, 40KA, 3150A-SFB-CB	3AP1FG	WIRING DRAWING	103x	+	1	1