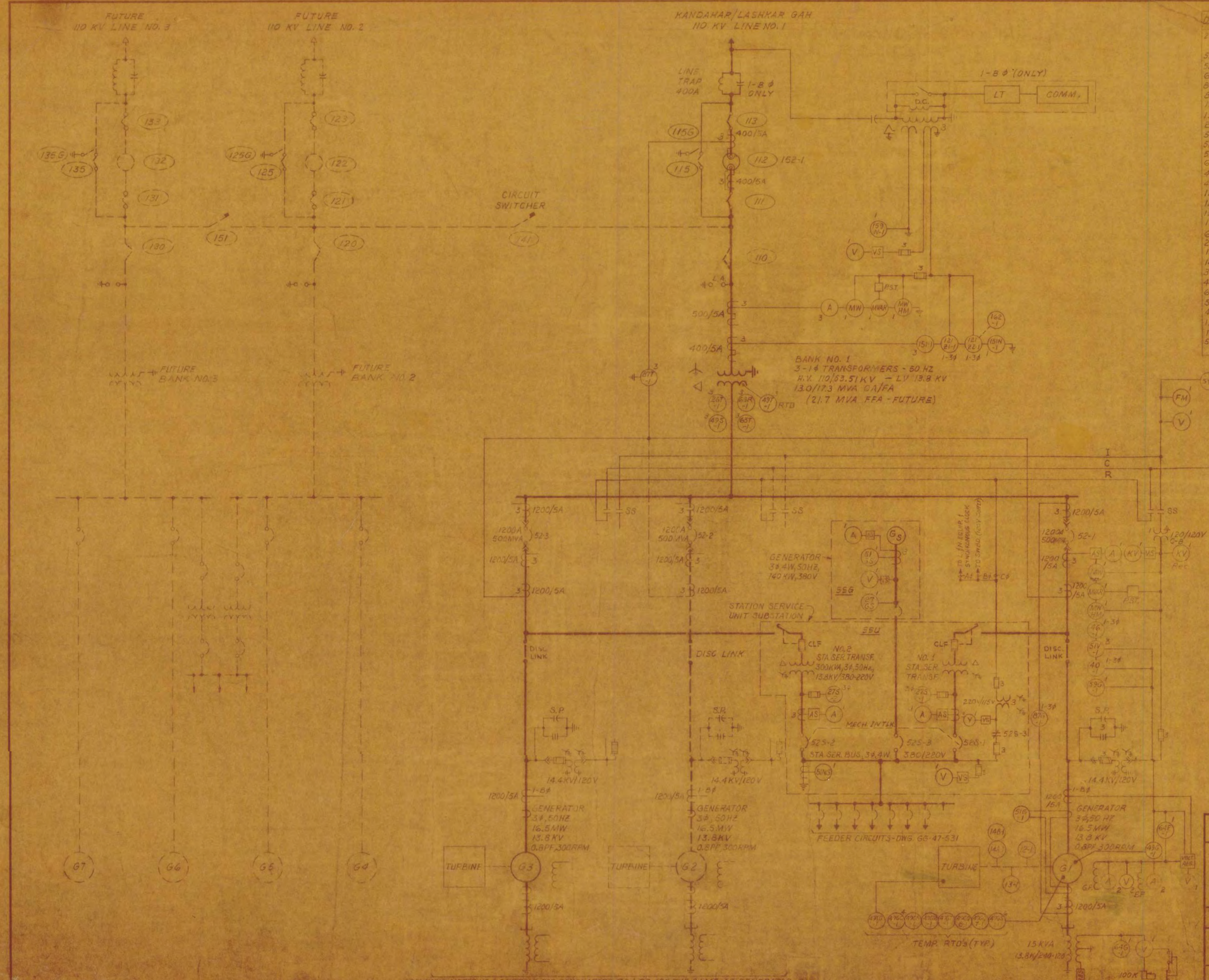

DEVICE No.	DESCRIPTION	TYPE
27S-1,-2	UNDERVOLTAGE RELAY STATION SERVICE 1,2	
52-1,-2,-3	AIR CIRCUIT BREAKER UNITS 1,2,3	
52S-1,-2,-3	AIR CIRCUIT BREAKER, STATION SERVICE 1,2,3	
64F-1,2,-3	FIELD GROUND RELAY, GEN. 1,2,3	PJG
87G-1,-2,-3	DIFFERENTIAL RELAY GENERATOR 1,2,3	CFD
87T-1	TRANSFORMER DIFFERENTIAL RELAY	BDD
159N-1	LINE ZERO SEQUENCE OVERVOLTAGE	IAV51K
151-1	TIME OVERCURRENT RELAY	IAC
27SG	UNDERVOLTAGE RELAY STA. SER. GENERATOR	
51V-1,-2,-3	OVERCURRENT RELAY, VOLTG. RESTR., GEN. 1,2,3	IJCV
51SN	OVERCURRENT RELAY STN. SERV. TRANSF. 1,2	
51SG	OVERCURRENT RELAY 100KW GENERATOR	
64G-1,-2,-3	NEUTRAL OVERVOLTAGE RELAY, GEN. 1,2,3	IAV
40-1,-2,-3	LOSS OF EXCITATION RELAY, GEN. 1,2,3	CEH
46-1,-2,-3	NEGATIVE PHASE SEQUENCE RELAY, GEN. 1,2,3	INC
121Z1-1	IMPEDANCE RELAY, ZONE 1	CEY51
121Z2-1	IMPEDANCE RELAY, ZONE 2	CEY52
151N-1	OVERCURRENT RELAY	IAC
152-1	110KV LINE O.C.B.	
63R-1	TRANSFORMER SUDDEN PRESSURE	
26T-1	TRANSF. OIL TEMP. INDICATOR	
12-1,-2,-3	OVERSPEED SWITCH, GEN. 1,2,3	
14-1,-2,-3	UNDERSPEED SWITCH, GEN. 1,2,3	
38-1,-2,-3	GEN. BEARING TEMP. DETECTOR, GEN. 1,2,3	
49S-1	TRANSFORMER WINDING TEMP.	
63T-1	TRANSF. COOLING OIL LEVEL	
59G-1,-2,-3	OVERVOLTAGE RELAY, GEN. 1,2,3	IAV-71
49G-1,-2,-3	GEN. STATOR WINDING TEMP. RELAY, GEN. 1,2,3	IRT
13-1,2,3	95% SYNCHRONOUS SPEED	
162-1	IMPEDANCE RELAY ZONE 2 TIMER	SAM
51G-1,2,3	GEN. GROUND SHIELD DIFFERENTIAL RELAY	GRD

NO.	DATE	MADE	CHKD.	APPD.
5	11/13/75	RRA		
	AS BUILT			
4	1/30/75	RRA		
	Field Revisions			
3	8/31/73			
	Updated			
2	8/15/73			
	Updated			
1	3/22/73	MGS		
	REVISED AND UPDATED			
B	1/16/73			
	ISSUED FOR CONSTRUCTION			
A	7/30/71			
	ISSUED FOR PREPARATION OF PROPOSALS			

REVISIONS

DA AFGHANISTAN BRESHNA MOASSESSA

KAJAKAI HYDROELECTRIC PROJECT

POWERHOUSE AND SWITCHYARD

MAIN POWER ONE LINE DIAGRAM

INTERNATIONAL ENGINEERING COMPANY, INC.

DESIGNED MH HEA
DRAWN GG
CHKD. MH
INSP. V.T. Adhay
SUBMITTED
RECOMMENDED
APPROVED

SAN FRANCISCO, CAL.
DATE JULY 30, 1971

GG-47-501