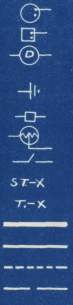


**LEGEND**

- NON-DIRECTIONAL OVERCURRENT RELAY
- DIRECTIONAL OVERCURRENT RELAY
- DIFFERENTIAL RELAY
- GROUND RELAYS ARE INDICATED BY THE ADDITION OF THE GROUND SYMBOL
- CIRCUIT BREAKER
- VOLTAGE REGULATOR
- DISCONNECT OR POLE TOP SWITCH
- SUBTRANSIENT REACTANCE
- TRANSIENT REACTANCE
- 500,000 C.M. 3 CDR. CABLE
- 350,000 C.M. 3 CDR. CABLE
- OVERHEAD LINES
- EDISON LINE



LOOP LINE 22,900 FT.  
 9650 FT. 3 CDR. 350,000 C.M. TYPE H 23,000 V CABLE  
 12250 FT. 3 #4/0 O.H.

RAYMOND SUB STATION

ALL WATER DEPT. LINE  
 350,000 C.M. 3 CDR. CABLE  
 TYPE H 23,000 V.

MARYLAND SUB STATION

LAMANDA PARK LINE  
 23,900 FT. 3 CDR. CABLE  
 500,000 C.M. TYPE H 23,000 V.

LAMANDA PARK SUB STA.

CAL TECH SUB STA.

MILLION VOLT  
 TRANSF'R LAB.

GARFIELD SUB STATION  
 SOUTHERN CALIF. EDISON CO.

PASADENA POWER PLANT

MUNICIPAL LIGHT AND POWER DEPT. CITY OF PASADENA	
PROPOSED RELAY SCHEME FOR COMPLETED PASADENA 16.5 KV TRANSMISSION SYSTEM	
APPROVED	DRAWN W.M. Edwards
DESIGNED W.L. Edwards	CHECKED M.W. Edwards
REVISIONS	CHANGES
SCALE	FILE NO.
C-250	8-1-98