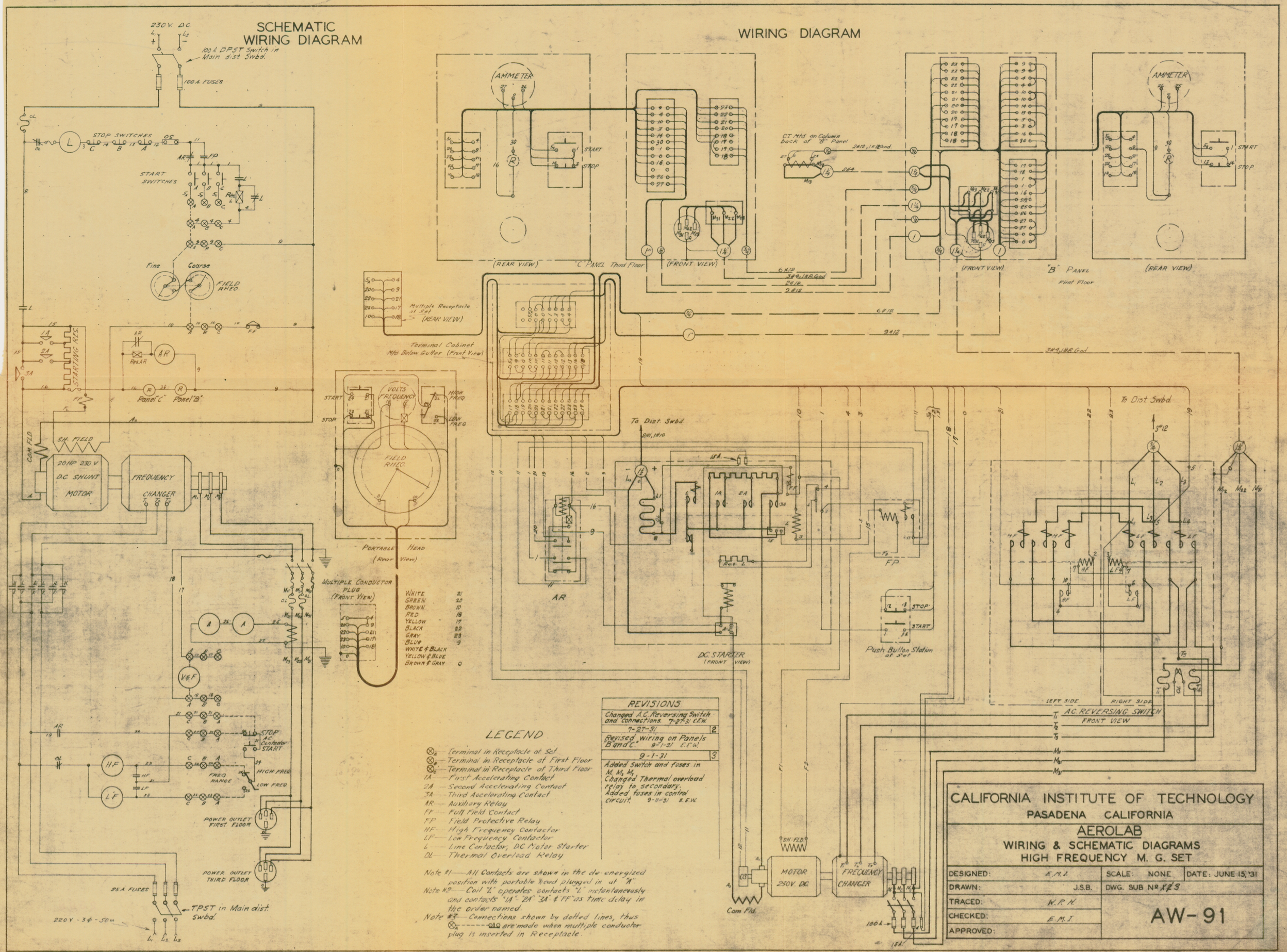
Bowen-ws-1938



LEGEND

- ⊗A — Terminal in Receptacle at Set
- ⊗B — Terminal in Receptacle at First Floor
- ⊗C — Terminal in Receptacle at Third Floor
- 1A — First Accelerating Contact
- 2A — Second Accelerating Contact
- 3A — Third Accelerating Contact
- AR — Auxiliary Relay
- FF — Full Field Contact
- FP — Field Protective Relay
- HF — High Frequency Contactor
- LF — Low Frequency Contactor
- L — Line Contactor, DC Motor Starter
- OL — Thermal Overload Relay

Note #1 — All Contacts are shown in the de-energized position with portable head plugged in at "A".

Note #2 — Coil "L" operates contacts "L" instantaneously and contacts "1A" "2A" "3A" & "FF" as time delay in the order named.

Note #3 — Connections shown by dotted lines, thus ⊗A - - - - - - ⊗B are made when multiple conductor plug is inserted in Receptacle.

REVISIONS

Changed A.C. Reversing Switch and connections. 7-27-31 E.E.W.	
7-27-31	2
Revised wiring on Panels "B" and "C". 9-1-31 E.E.W.	
9-1-31	3
Added Switch and fuses in M1 M2 M3. Changed Thermal overload relay to secondary. Added fuses in control circuit. 9-11-31 E.E.W.	

CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA CALIFORNIA

AEROLAB
WIRING & SCHEMATIC DIAGRAMS
HIGH FREQUENCY M. G. SET

DESIGNED:	E.M.I.	SCALE: NONE	DATE: JUNE 15, '31
DRAWN:	J.S.B.	DWG. SUB No. X23	
TRACED:	W.R.H.	AW-91	
CHECKED:	E.M.I.		
APPROVED:			