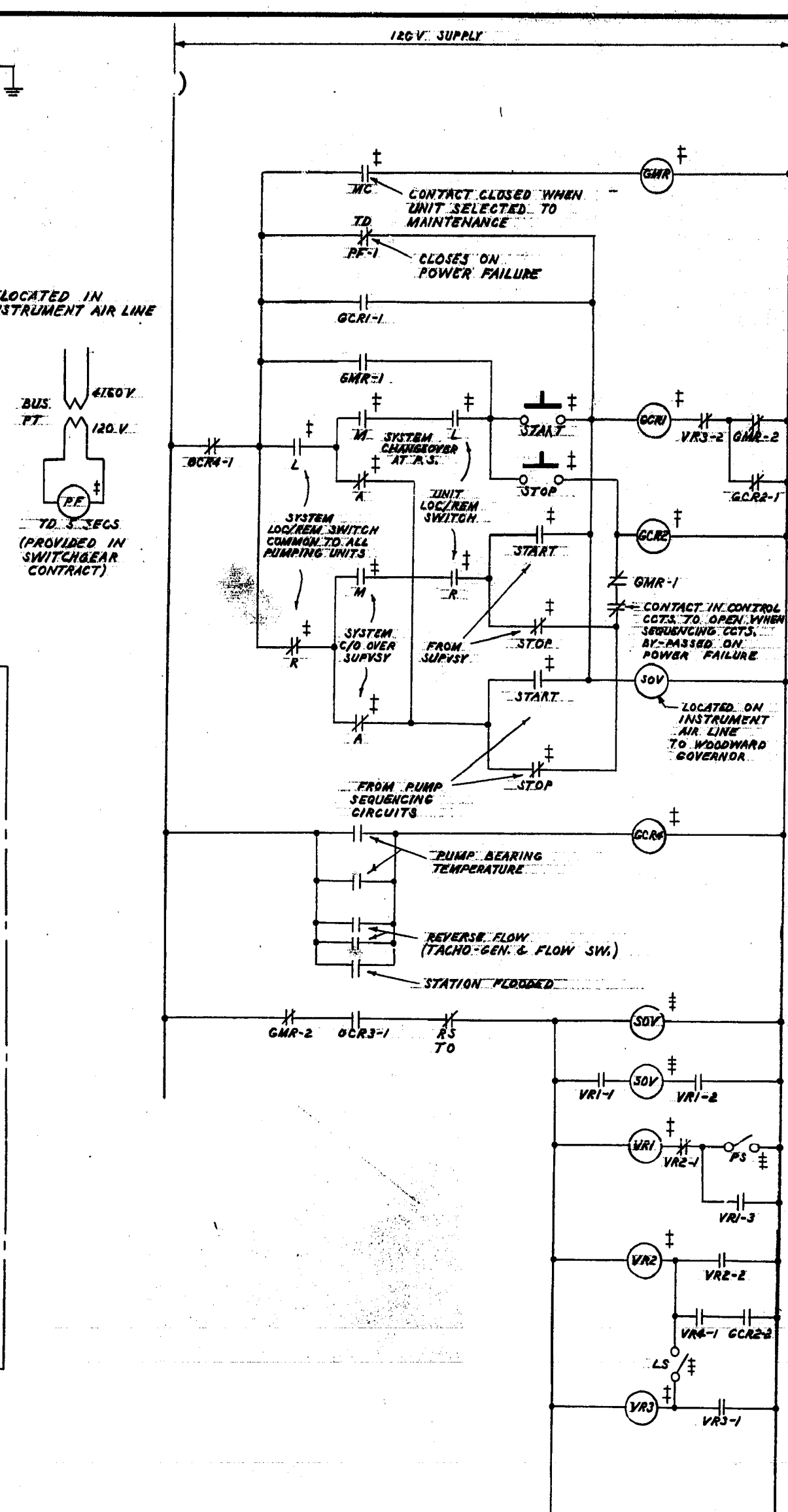
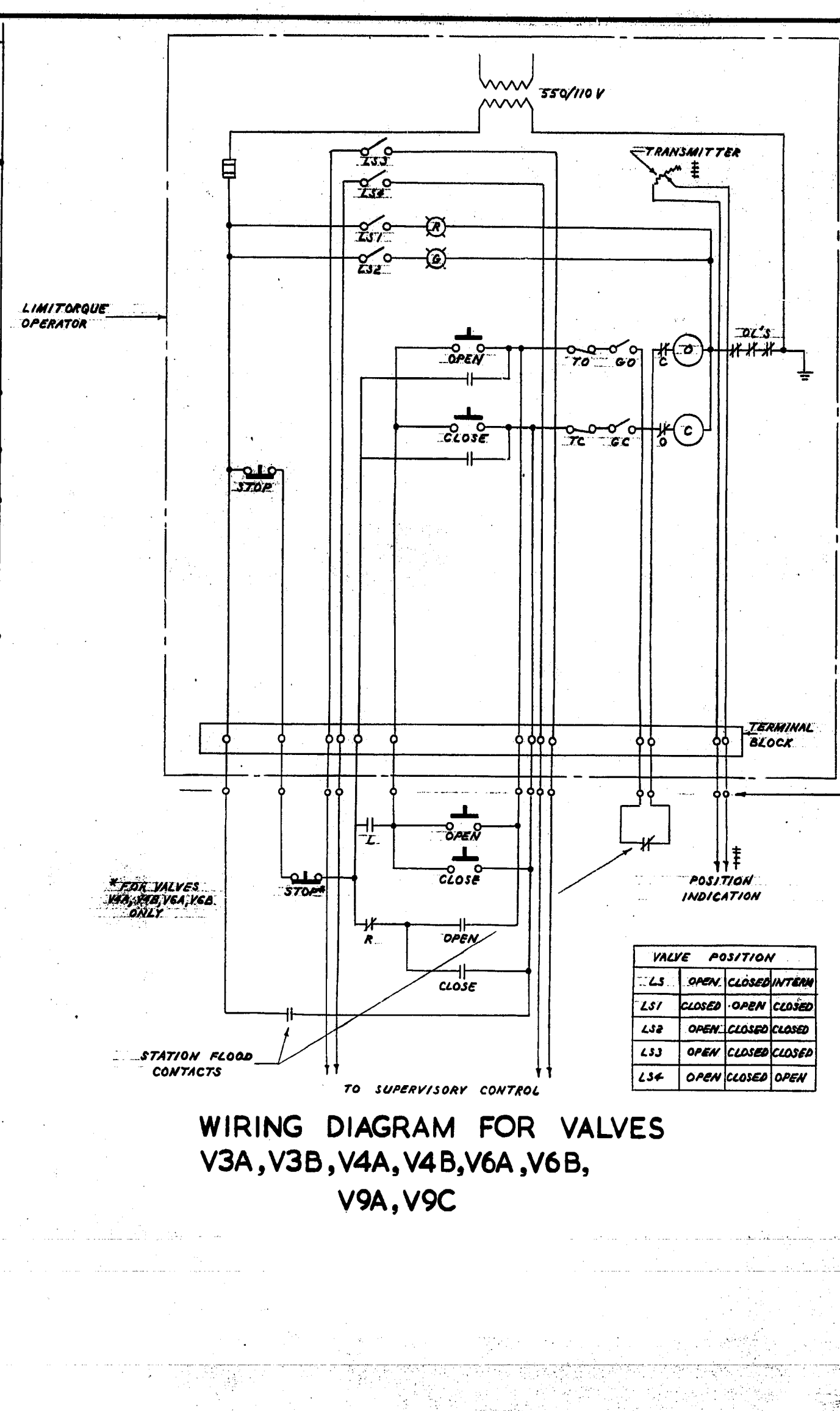


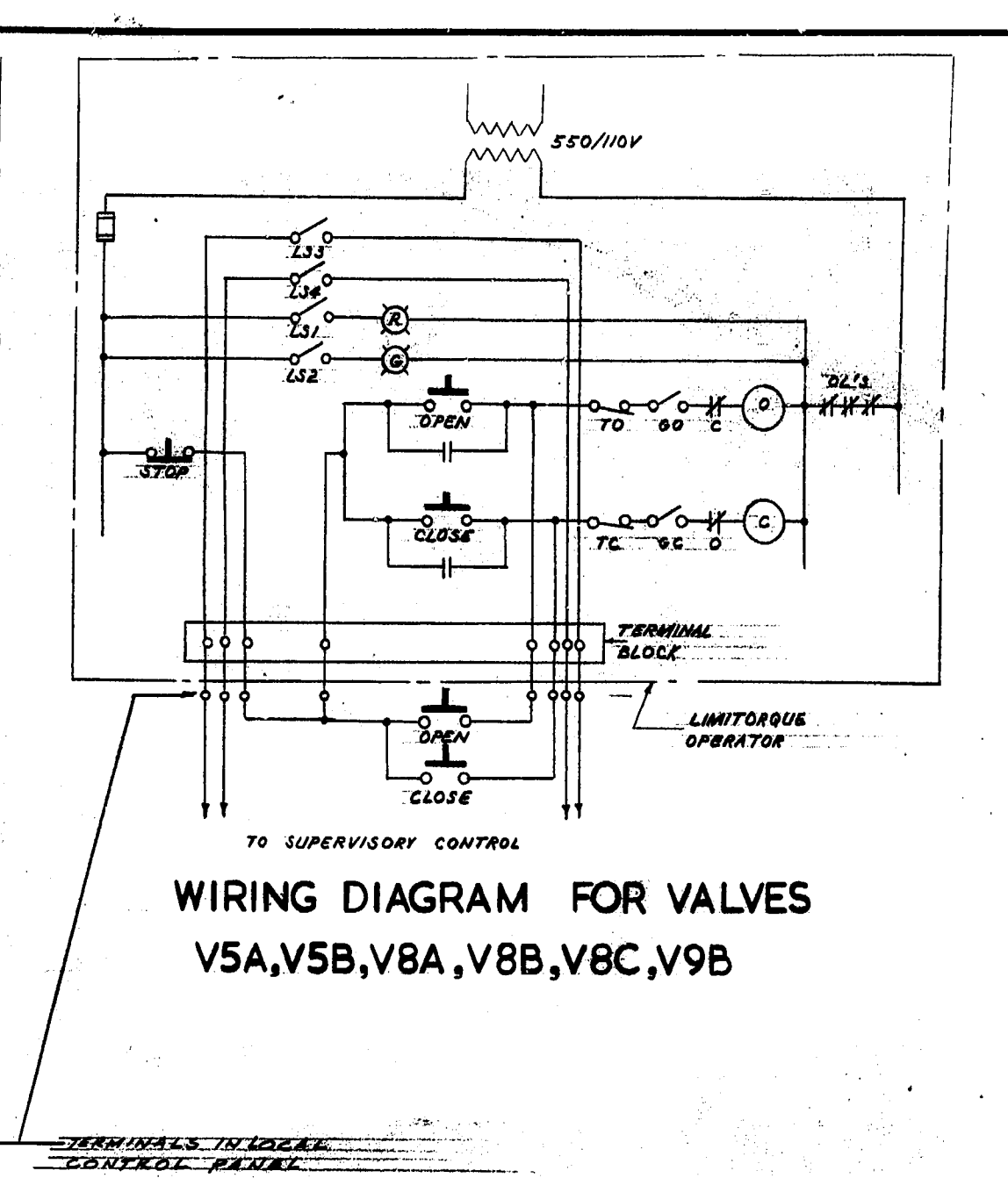
TYPICAL MOTOR & VALVE CONTROL CIRCUIT



TYPICAL GAS ENGINE & VALVE CONTROL CIRCUIT



WIRING DIAGRAM FOR VALVES V3A, V3B, V4A, V4B, V6A, V6B, V9A, V9C



WIRING DIAGRAM FOR VALVES V5A, V5B, V8A, V8B, V8C, V9B

VALVE	POSITION	LS1	LS2	LS3	LS4
V3A	OPEN	CLOSED	OPEN	CLOSED	CLOSED
V3B	CLOSED	OPEN	CLOSED	OPEN	CLOSED
V4A	OPEN	CLOSED	CLOSED	OPEN	CLOSED
V4B	OPEN	CLOSED	CLOSED	OPEN	CLOSED
V6A	OPEN	CLOSED	CLOSED	OPEN	CLOSED
V6B	OPEN	CLOSED	CLOSED	OPEN	CLOSED
V9A	OPEN	CLOSED	OPEN	CLOSED	OPEN
V9C	OPEN	CLOSED	OPEN	CLOSED	OPEN

† LOCATED IN MOTOR STARTER PANEL
 ‡ LOCATED IN LOCAL CONTROL PANEL
 § LOCATED AT DISCHARGE VALVE & SUPPLIED UNDER VALVE CONTRACT
 ¶ INDICATES TO BE PROVIDED ON 2-V6 VALVES ONLY

THE METROPOLITAN CORPORATION OF GREATER WINNIPEG
 WATERWORKS AND WASTE DISPOSAL DIVISION

METRO EAST PUMPING STATION AND RESERVOIR

CONTRACT A - PUMPING STATION
 ELECTRICAL - CONTROL SCHEMATIC
 DIAGRAMS, SHEET I

APPROVED: J. W. MacLAREN
 JAMES P. MACLAREN ASSOCIATES
 ENGINEERS

DESIGNED BY: J. W. MacLAREN
 ENGINEER OF WATERWORKS

TEMPLETON ENGINEERING COMPANY
 PROFESSIONAL ENGINEERS

DATE: JUNE 22, 1962 NOT TO SCALE
 DWG. NO. 33 OF 41
 ME-40

