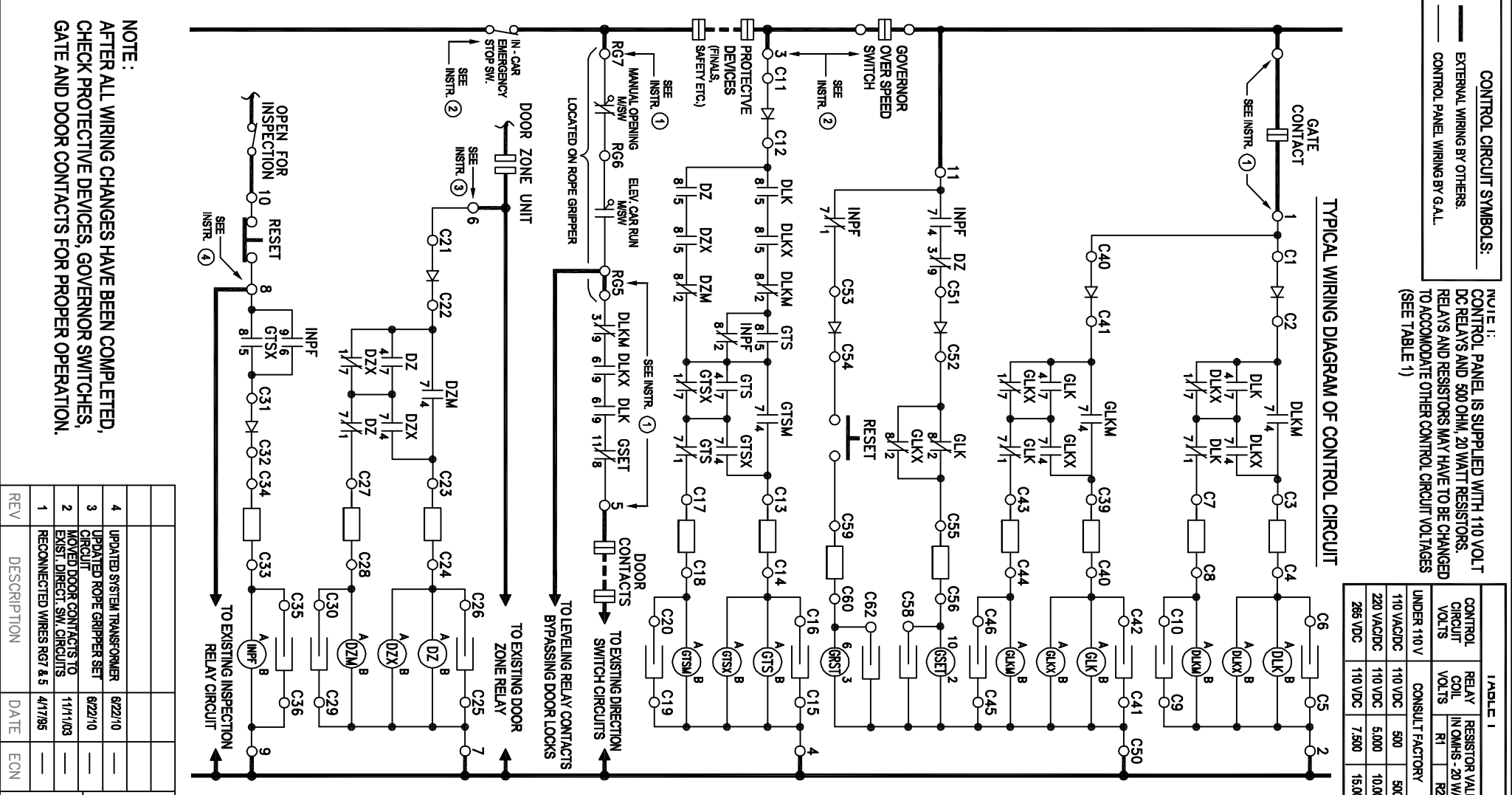
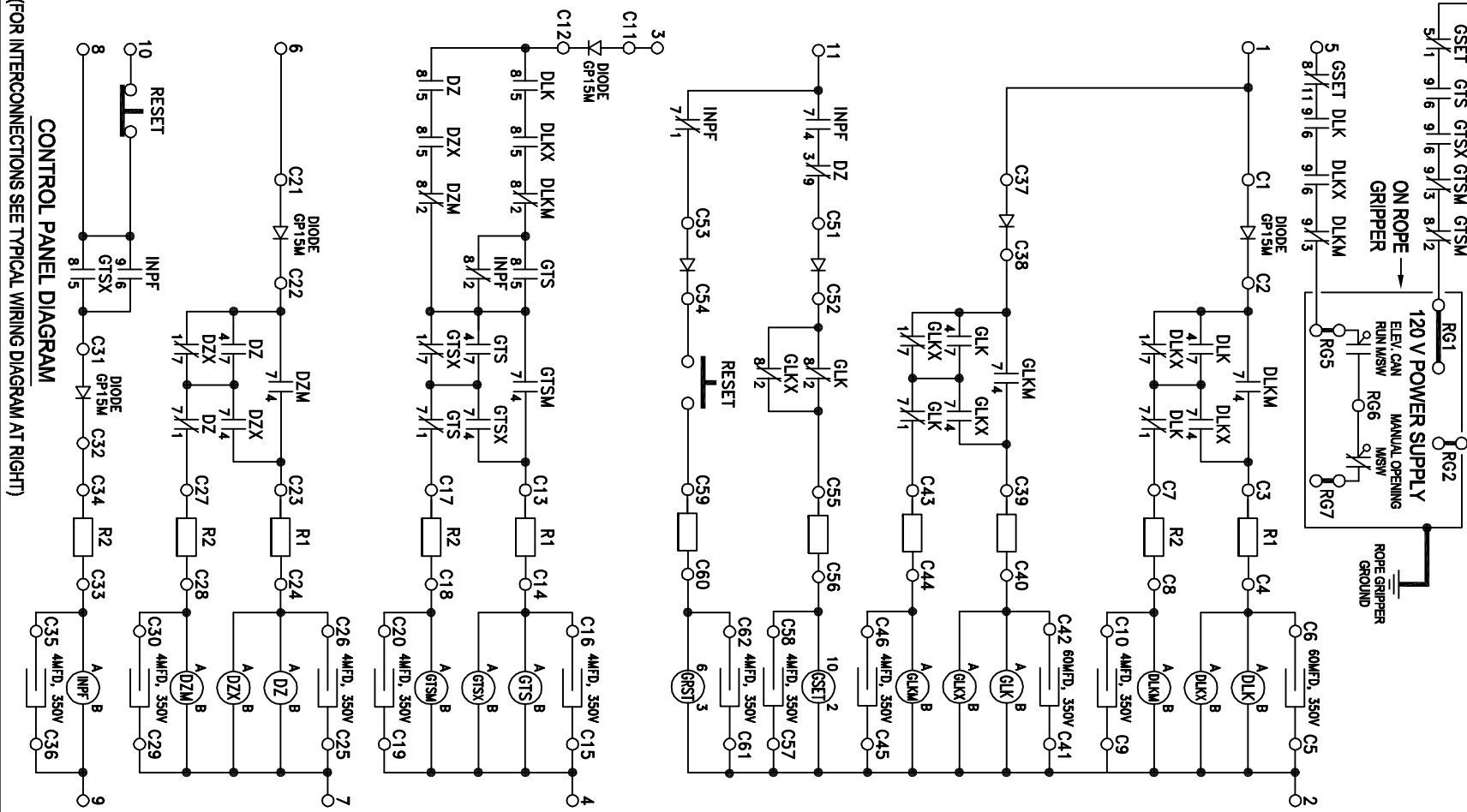


NOTE - FOR 120 VOLT SUPPLY UNIT TRANSFORMER AND CONNECT AS PER DOTTED LINES.  
 FLUSE FG3 WILL NOT BE FUNCTIONAL FOR HIGHER VOLTAGE SUPPLY SEE TRANSFORMER INTERCONNECTIONS

FLUSES: FG1 - FG3: 3 AMP, 600V TYPE FNO-R3  
 T1 - SYSTEM TRANSFORMER 500 VA



**CONTROL PANEL FOR ADDING ROPE GRIPPER TO EXISTING CONTROLLER**

F.N.: L-10-210 GRIPPER PANEL WIRING.dwg

50 E. 153<sup>rd</sup> STREET BRONX, N.Y. 10451

DATE: 1-23-95

ENGINEER: G.D.C.

SHEET: 1 OF 1

SCALE: SIZE

REV

DOCUMENT NO. L-10-210

**LEGEND SYMBOLS**

SYMBOL	DESCRIPTION	C	N.O.	N.C.	N.O.	N.C.	N.O.	N.C.
[Symbol]	RELAY-0007N-110VDC	0	1	2	3	4	5	6
[Symbol]	RELAY-0226N-110VDC	1	2	3	4	5	6	7

**CONTACT PAIRS**

CONTACT PAIR	CONTACT PAIR	CONTACT PAIR	CONTACT PAIR	CONTACT PAIR
1-2	3-4	5-6	7-8	9-10

**INSTRUCTIONS:**

- REFER TO TYPICAL WIRING DIAGRAM AT RIGHT.
- IF THE GATE CONTACT IS SUBJECT TO THE PROTECTIVE DEVICES (GOVERNOR, FINALS, ETC.) IT MUST BE SEPARATED AND RECONNECTED AHEAD OF ALL PROTECTIVE DEVICES SO THAT RELAYS DLK-DLKX-DLKM WILL BE SUBJECT TO THE GATE C CONTACT ONLY.
- RELAY INPF IS ENERGIZED WHEN THE CAR IS IN THE DOOR ZONE.
- RELAYS GTS - GTSX ARE ENERGIZED TO KEEP THE ROPE GRIPPER OPEN.
- IF THE CAR MOVES OUTSIDE OF THE DOOR ZONE WITH THE DOORS OPEN, OR IF THE GOVERNOR OVERSPEED SWITCH OPEN RELAYS GTS AND GTSX WILL DROP OUT AND ACTIVATE THE ROPE GRIPPER. THESE WILL BE ENERGIZED AUTOMATICALLY.
- THE ROPE GRIPPER CAN BE RESET WHEN THE CAR IS IN THE DOOR ZONE, ON INSPECTION OPERATION WITH DOORS CLOSED AND THE ROPE GRIPPER PANEL RESET BUTTON IS ACTIVATED.

**SEQUENCE OF OPERATION:**

- RELAYS DLK, DLKX, GLK, GLKX ARE ENERGIZED WHEN THE GATE CONTACT CLOSSES.
- RELAYS DZ - DZX ARE ENERGIZED WHEN THE CAR IS IN THE DOOR ZONE.
- RELAY INPF IS ENERGIZED WHEN THE CAR IS NOT ON INSPECTION OPERATION.
- RELAYS GTS - GTSX ARE ENERGIZED TO KEEP THE ROPE GRIPPER OPEN.
- IF THE CAR MOVES OUTSIDE OF THE DOOR ZONE WITH THE DOORS OPEN, OR IF THE GOVERNOR OVERSPEED SWITCH OPEN RELAYS GTS AND GTSX WILL DROP OUT AND ACTIVATE THE ROPE GRIPPER. THESE WILL BE ENERGIZED AUTOMATICALLY.
- THE ROPE GRIPPER CAN BE RESET WHEN THE CAR IS IN THE DOOR ZONE, ON INSPECTION OPERATION WITH DOORS CLOSED AND THE ROPE GRIPPER PANEL RESET BUTTON IS ACTIVATED.

**NOTE:**  
 AFTER ALL WIRING CHANGES HAVE BEEN COMPLETED, CHECK PROTECTIVE DEVICES, GOVERNOR SWITCHES, GATE AND DOOR CONTACTS FOR PROPER OPERATION.