



N.P.R.Y.
TYPICAL CIRCUITS
DOUBLE TRACK
LOW VOLTAGE LINE RELAYS
 Office of Signal Eng'r St. Paul-Minn.

Notes:-
 Size of wire for motor operation is governed by the following table:
 Distance Battery to Motor
 250 feet or less ----- No. 8
 250 feet to 400 feet ----- No. 6
 400 feet to 500 feet ----- No. 4
 500 feet to 600 feet ----- No. 3

Indicators in the same block connected in multiple.
 Lightning arresters at cut sections marked "A" grounded to Battery Chutes.
 All Line wire insulated.
 Signals and Relays operated by Soda Battery.
 Number of Cells used for line battery varies according to Length of Line Circuit and Type of Relay.
 Common must be broken between all Stations.

See Specifications

24 Gauge Solid Copper wire

Drawn by: [Signature]
 Checked by: [Signature]
 Approved by: [Signature]