



N. P. RY
TYPICAL CIRCUITS
AUTOMATIC BLOCK SIGNALS
DOUBLE TRACK

Office of Signal Eng'r. St. Paul-Minn.

Note:-
 Sizes of Operating Wires to be used where the distances between the battery and the Signal Motor are as follows:-
 100 feet or less ----- No. 10 - Copper
 100 feet to 250 feet ----- No. 8 - Copper
 250 feet to 400 feet ----- No. 6 - Copper
 400 feet to 500 feet ----- No. 4 - Copper
 500 feet to 600 feet ----- No. 3 - Copper

Indicators in the same block to be connected in multiple.
Common Wire to be cut at every location where there are no indicators.
Lightning arrestors at cut sections marked A, to be grounded to battery chutes.

Drawn by AC
Checked by SM
Approved by C
Signal Eng