GNRHS Archives 2018

A

G. N. RY.

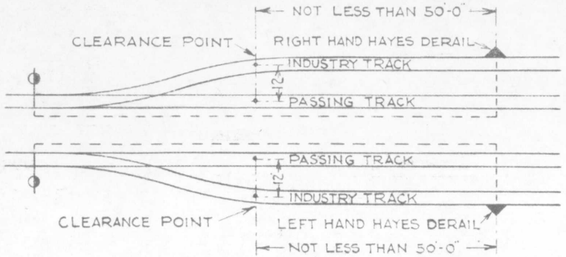
PLAN OF STANDARD

HAYES DERAIL LAYOUT

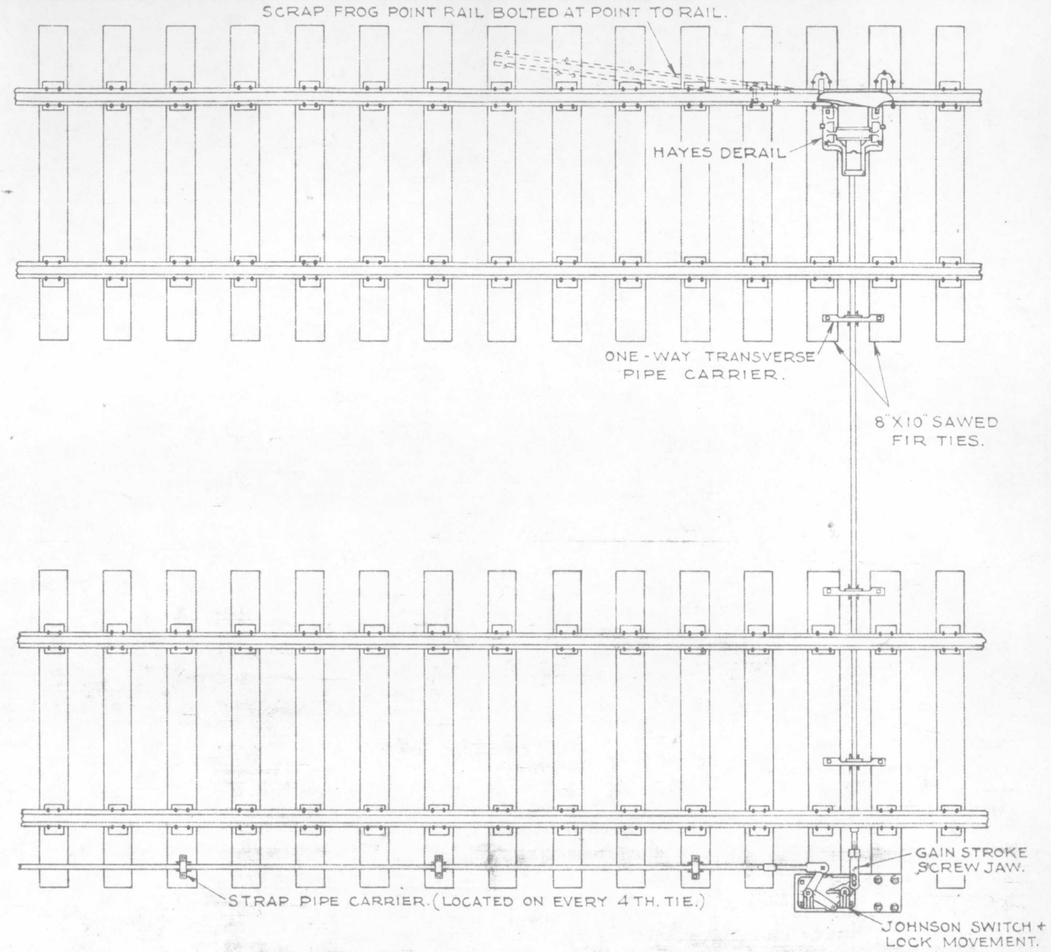
PIPE CONNECTED TO SWITCH

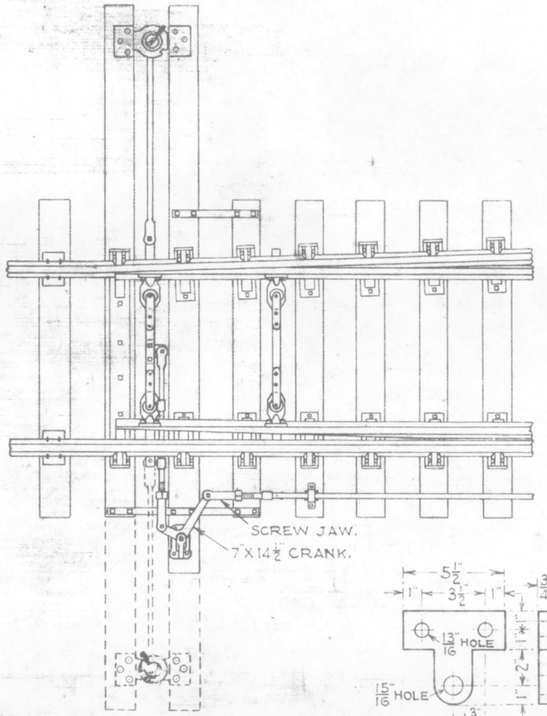
OFFICE OF SIGNAL ENGINEER ST. PAUL, MINN.

SCALE $\frac{1}{4}$" = 1'-0". MAR. 1920.



LOCATION OF SIDE TRACK DERAILS.





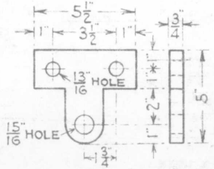
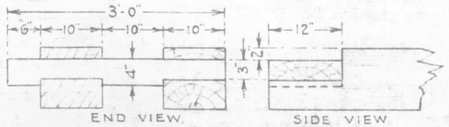


FIG. A.
SWITCH CONNECTION LUG.



TIE FRAMING FOR
JOHNSON SWITCH + LOCK MOVEMENT.

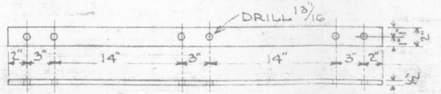


FIG. B
TIE STRAP

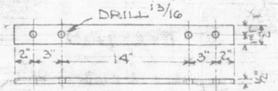


FIG. C
TIE STRAP

BILL OF MATERIAL	
2	SAWED FIR TIES. 8"X10"X9'-6". AND 2 "DITTO" 8"X10"X8'-0"
1	PIECE FIR. 4"X12"X3'-0".
1	HAYES DERAIL, MODEL H, SIZE 5. SPECIFY LEFT OR RIGHT HAND.
1	JOHNSON SWITCH + LOCK MOVEMENT. G.R.S.Co. Pl. C0906. MODEL 15. FIG. A.
1	ONE-WAY HORIZONTAL CRANK STAND WITH 7"X14½" RT. ANGLE CRANK. RSA 1007-1008
1	GAIN STROKE SCREW JAW. (TANG END) WITH 2⅛" OFFSET. G.R.S. PL. D-0805. FIG. S.
1	SCREW JAW (TANG END) COMPLETE. 167-75. FIG. C.
1	SCREW JAW (TANG END) WITH 3¼" OFFSET. COMPLETE. FIG F. 167-75
3	SOLID JAWS (TANG END) COMPLETE: 167-75 FIG. A
1	SWITCH CONNECTION LUG. 167-83 FIG. A.
230	LIN. FT. 1" GAL. PLUGGED SIGNAL PIPE. R.S.A. 1015.
36	¼"X1 11/16" C.HD. RIVETS. R.S.A. 10153.
3	ONE-WAY TRANSVERSE PIPE CARRIERS COMPLETE. RSA 10721
30	STRAP PIPE CARRIERS COMPLETE. 167-82. R.S.A. 1071.
2	¾"X2½" SQ. HD. BOLTS + NUTS + NUT LOCKS.
6	¾"X7" " " " " "
2	¾"X9" " " " " "
4	¾"X12" " " " " "
16	¾" CAST WASHERS.
65	½"X2½" LAG SCREWS.
6	⅝"X4" " "
1	QT. ROGERS BLACK PAINT.
1	TIE STRAP, FIG. B. AND 1 TIE STRAP, FIG. C.
10	¾"X4" LAG SCREWS.
1	SPECIAL LEVER 28" W.I. FOR ST'D. MAINLINE SWITCH STAND. 1340-2-1.
1	SCRAP FROG POINT RAIL

Drawn by Hat.
Checked by CBC.
Approved by CaD
Signal Engr.

3-9-20.

167-83

REVISED 11-25-24 REVISED MAR. 28, 1923.

For D... 1254-1