



NOTES:

1. To install switch adjustment bracket, Item 17; On Type MJ rods, retain splice plate and attach bracket using four bolts, 8001-19. On other vertical rods, remove one splice plate and attach bracket using four bolts, 8001-18.
2. Item 14 to be ASA regular double end stud bolt with square nuts and spring washer.
3. To provide clearance for front rod or point lug, switch bolt located 9-1/2 inches from switch point may be removed.
4. Holes for Drive Spikes, Item 44, to be one-half inch in diameter and five inches deep.
5. M. of W. to provide ties of size and length required, spaced as indicated. Creosote after framing.
6. M. of W. Dept. to provide double shoulder tie plates on five ties starting with second tie ahead of switch points.
7. M. of W. Dept. to provide suitable holes in gage plates, tie plates and ties for emergency spiking of switch. Four holes required.
8. Bolt, item 12 is to be installed through operating rod and throw bar coupling with grease fitting on top, nut and cotter key on bottom.

NOTES CONTINUED ON SHT. 3

0 12 24 36
All dimensions given in inches

SHEET 1
CONTD ON SH 2

CONRAIL

CS-8000-A

STANDARD
SWITCH LAYOUT

GRS MODEL 5 SERIES SWITCH MACHINES
105, 119, 127, 132, & 140 LB. RAIL

AUG. 6, 1976

Approved *H. Alexander*
Chief Engineer C&S