**NOTES:**

1. SET SHALL INCLUDE TIES 0, 3 THROUGH 6, 8 THROUGH 11, 13 THROUGH 15 AND 17 THROUGH 21.  THESE 1.80 CANTIED TIES REPLACE THE PADS AND RIM INSERTS.

2. TIE LENGTHS ARE DETERMINED BY ADDING 0.12-7/16 RAIL GAUGE LINE (OR 1-3/8 RAIL GAUGE) PER TIE AT THE CENTERLINE OF EACH TIE LOCATION.

3. ALL TIES ARE FLAT (NON-CANTIED) EXCEPT 1.80 CANTIED TIES.

4. TRANSITION TIES (QUANTITY 3) SHALL INCORPORATE 1.80 CANTIED RAIL SEATS AND USE 4-8 1/2" BETWEEN STRAIGHT RAIL SEAT GAUGE, LENGTH SHALL BE 6'-3".

5. THE DRAWING SHOWS THE "C" PLACEMENT FOR SWITCH MACHINE ON RH/TURNOUT SIDE. USE OPPOSITE HAND FOR SWITCH MACHINE ON LH/TURNOUT SIDE.

6. SEE BILL OF MATERIALS ABOVE FOR TIES 0, 3, 12 AND 16.