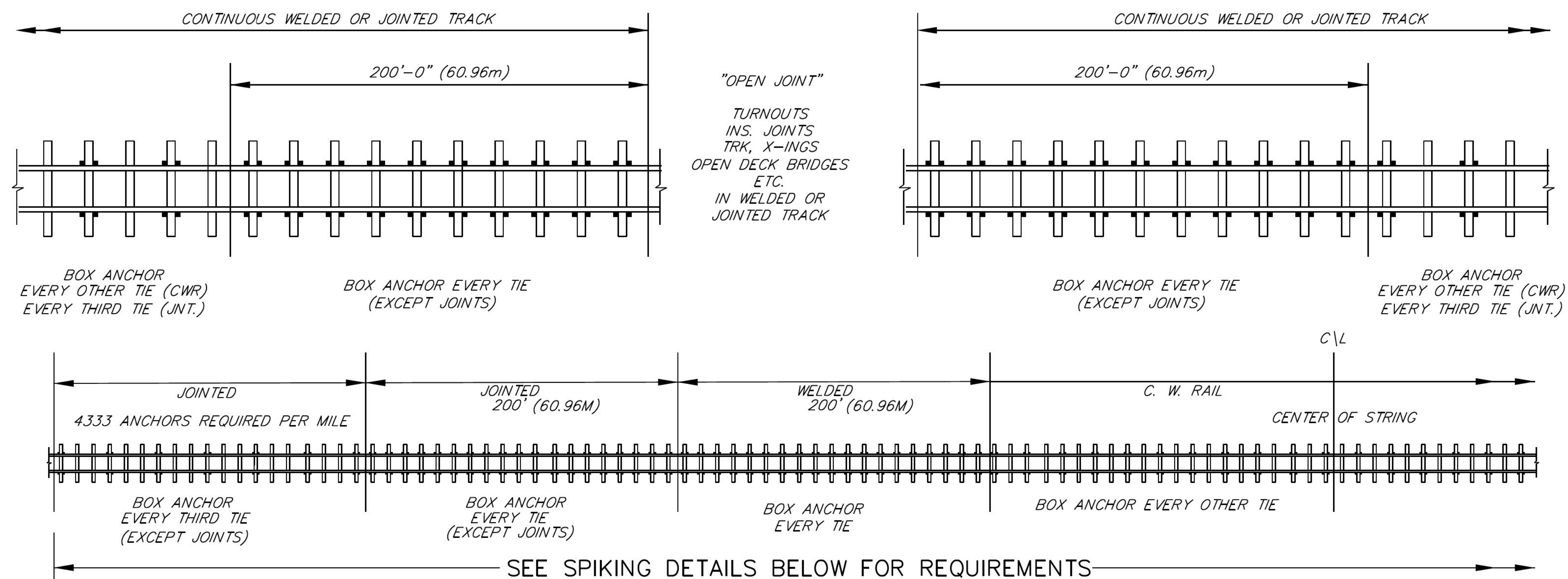
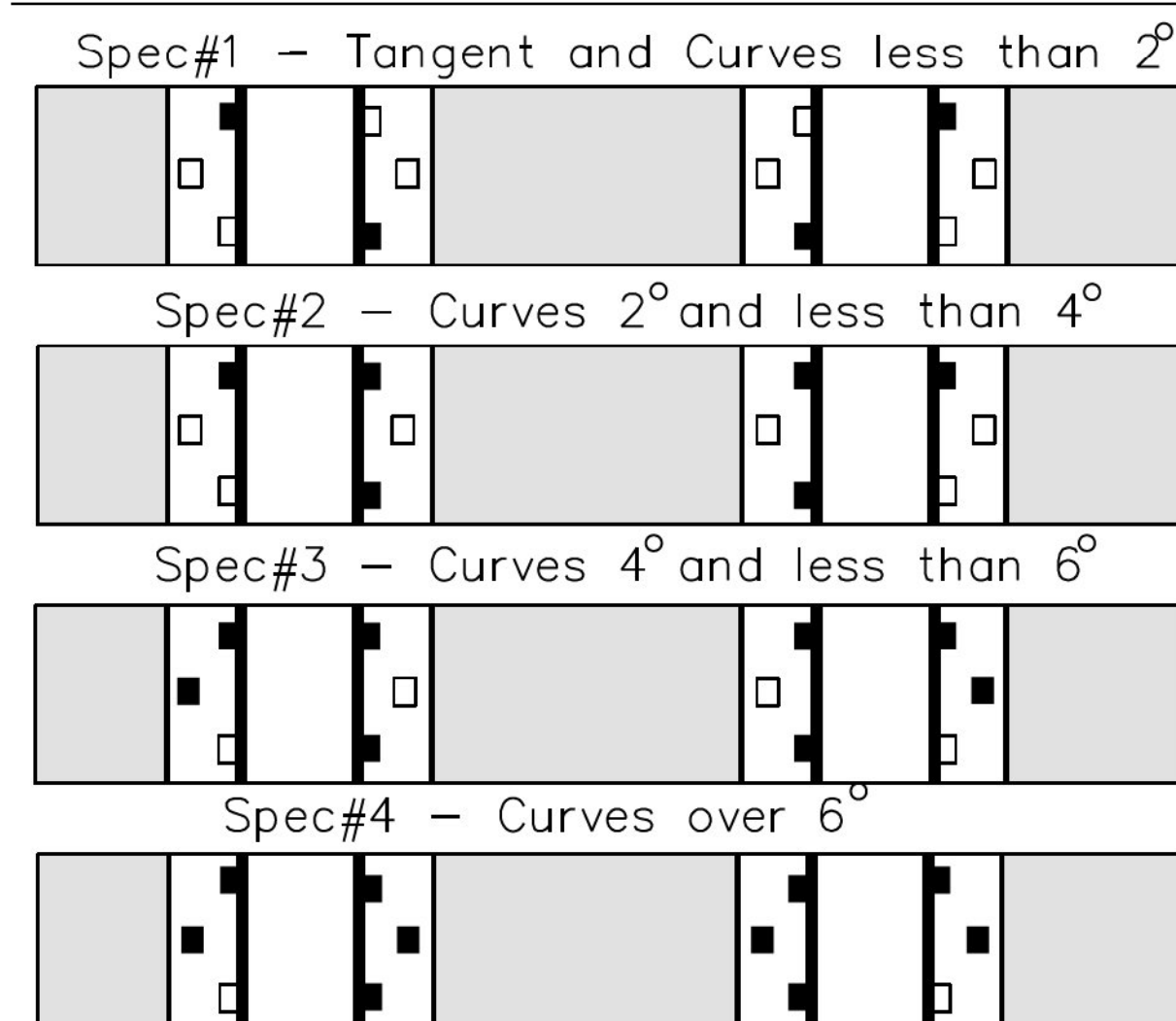


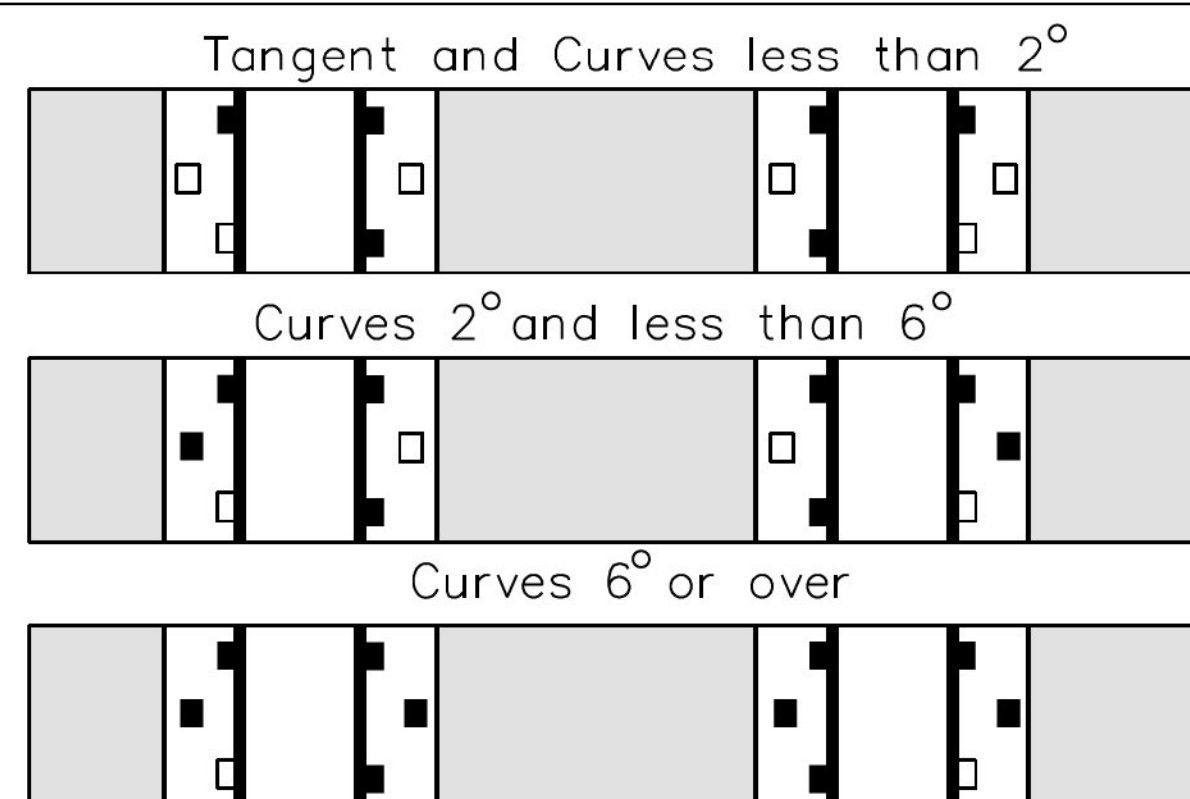
FILE	
ES8050.1	
REVISIONS	
11-15-2010	TJF/XRL
06-28-2011	TJF/XRL
07-03-2013	XRL/GRC



SPIKING PATTERNS – JOINTED TRACK



SPIKING PATTERNS – CWR



NOTES:

ON JOINTED RAIL ABUTTING A COMPLETED LENGTH OF CONTINUOUS WELDED RAIL, 200' IN EACH DIRECTION MUST BE FULLY BOX ANCHORED (EXCEPT JOINT TIES) AND THEREAFTER EVERY THIRD TIE MUST BE BOX ANCHORED. OTHER REQUIREMENTS MAY APPLY (PROJECT SPECIFIC). REQUIRED TIE SPACING IS 19 1/2" (.495m). FOR BALLAST AND SUB-GRADE REQUIREMENTS SEE ES 8051.1. 80' JOINTED RAIL LENGTHS WILL BE ANCHORED PER CWR STANDARD.

()=METRIC CONVERSION



Issue Date: 06-29-2009 Revised Date: 07-03-2013
 Authorized: *James L. Romaine*
 AVP-Engineering Design

The material and equipment shown herein must meet or exceed all quality requirements. Any deviation from these standards must be submitted in writing and approved by the Regional V.P. of Engineering and A.V.P. Engineering Design prior to use.

MISCELLANEOUS

SERIES 8000

TYPICAL TRACK ANCHOR AND SPIKING PATTERN FOR CONTINUOUS WELDED & JOINTED TRACK

ES8050.1

SH. 1 OF 1