



WIRE PATTERN

NOTES:

- CROSS TIES TO BE MANUFACTURED IN ACCORDANCE WITH CN SPECIFICATION 50-1, PRESTRESSED CONCRETE CROSS TIES, OF LATEST DATE.
- THE PRESTRESSING WIRE SHALL HAVE A MINIMUM TENSILE STRENGTH OF 225,000 LBS/SQUARE INCH. EACH WIRE TO BE GIVEN AN INITIAL TENSION OF 7000 LB.
- FOR DETAILS OF:
 - SHOULDERS SEE STANDARD PLAN GTS-1321.
 - PANDROL CLIPS SEE STANDARD PLAN GTS-1322.
 - INSULATORS SEE STANDARD PLAN GTS-1323.
 - RAIL PADS SEE STANDARD PLAN GTS-0519.
- INCLINATION OF RAIL SEATS NOT TO EXCEED 1 IN 33 NOR LESS THAN 1 IN 50. MEASUREMENTS TAKEN RELATIVE TO CORNERS OF RAIL SEAT.
- RELATIVE INCLINATION OF RAIL SEATS NOT TO EXCEED 177° 42' NOR BE LESS THAN 176° 32'. MEASUREMENTS TAKEN RELATIVE TO CORNERS OF RAIL SEAT.
- NO CONVEX OR CONCAVE CAMBER IN ANY DIRECTION ON THE RAIL SEAT IS TO EXCEED 1/32".
- WIND FROM ONE SEAT TO THE OTHER SHALL NOT EXCEED 1/16" ON A WIDTH OF 6".
- ENDS OF PRESTRESSING WIRES TO BE CUT OFF CLOSE TO THE ENDS OF THE TIES AND MUST NOT BE LEFT PROJECTING BY MORE THAN 1/8".
- APPROXIMATE WEIGHT OF CROSS-TIE 720 LBS. INCLUDING SHOULDERS
- EVERY TIE LOAD TESTED UNDER SECTION 111 MUST HAVE THESE DIMENSIONS CHECKED. -SECTION 4 (C) OF SPECIFICATION 50.1.

0	17/09/15	DWG VERSION ESTABLISHED	
No.	Date	Revision	By Approved
Standard/		CONCRETE TIE 60E	
Drawn	PCV	Checked	DL
		Approved	<i>DL</i> VP Corridor Infrastructure
Date	SEPT 15/2017	Plan Number	GTS-2008 Rev 0
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