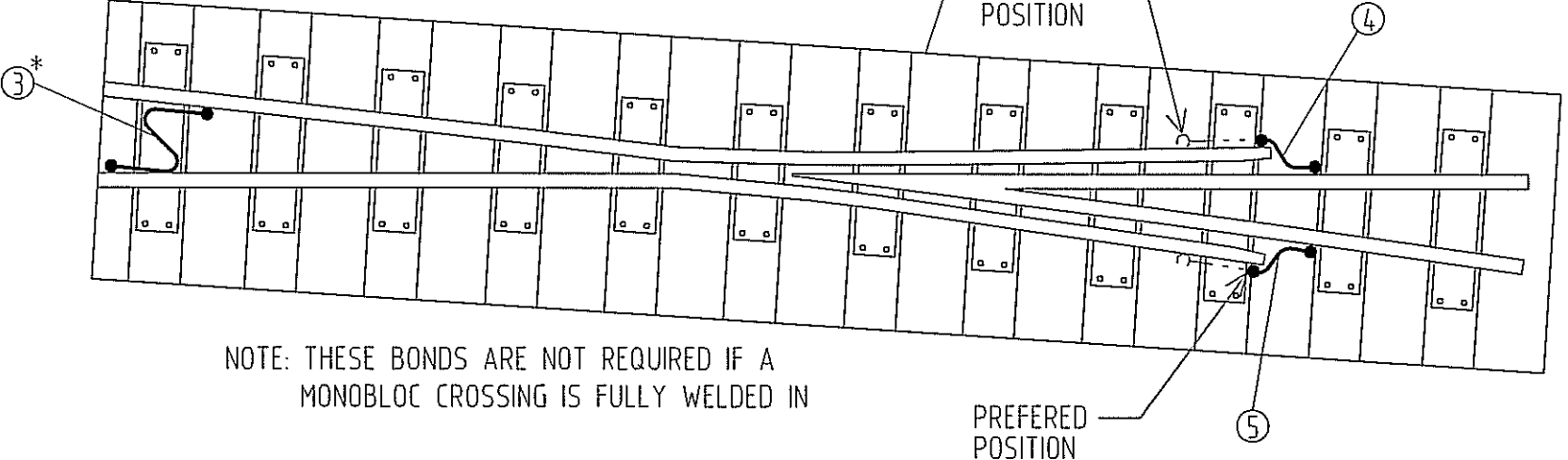
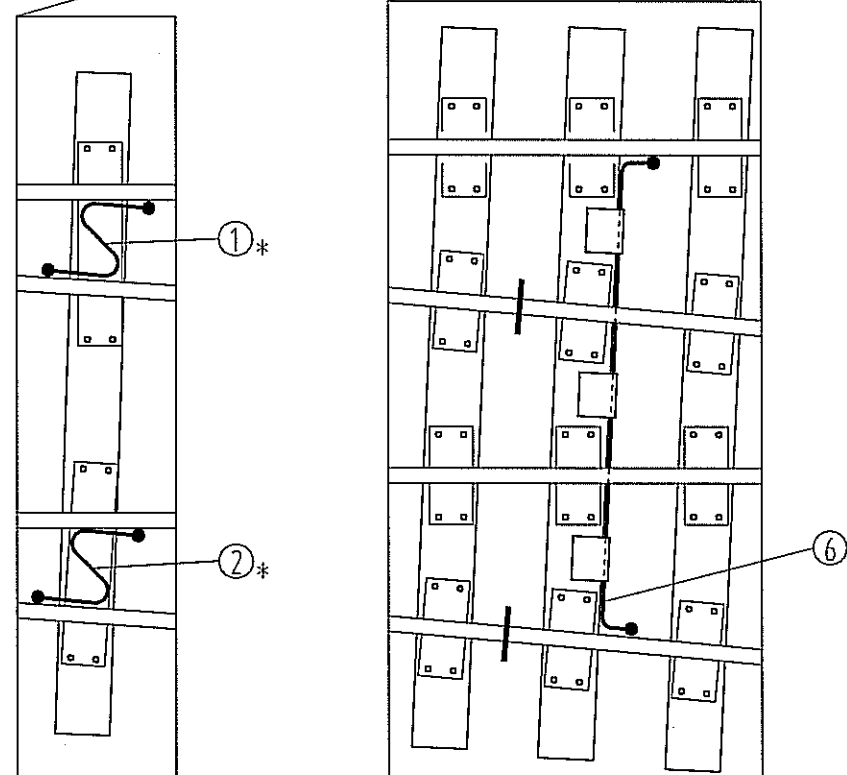
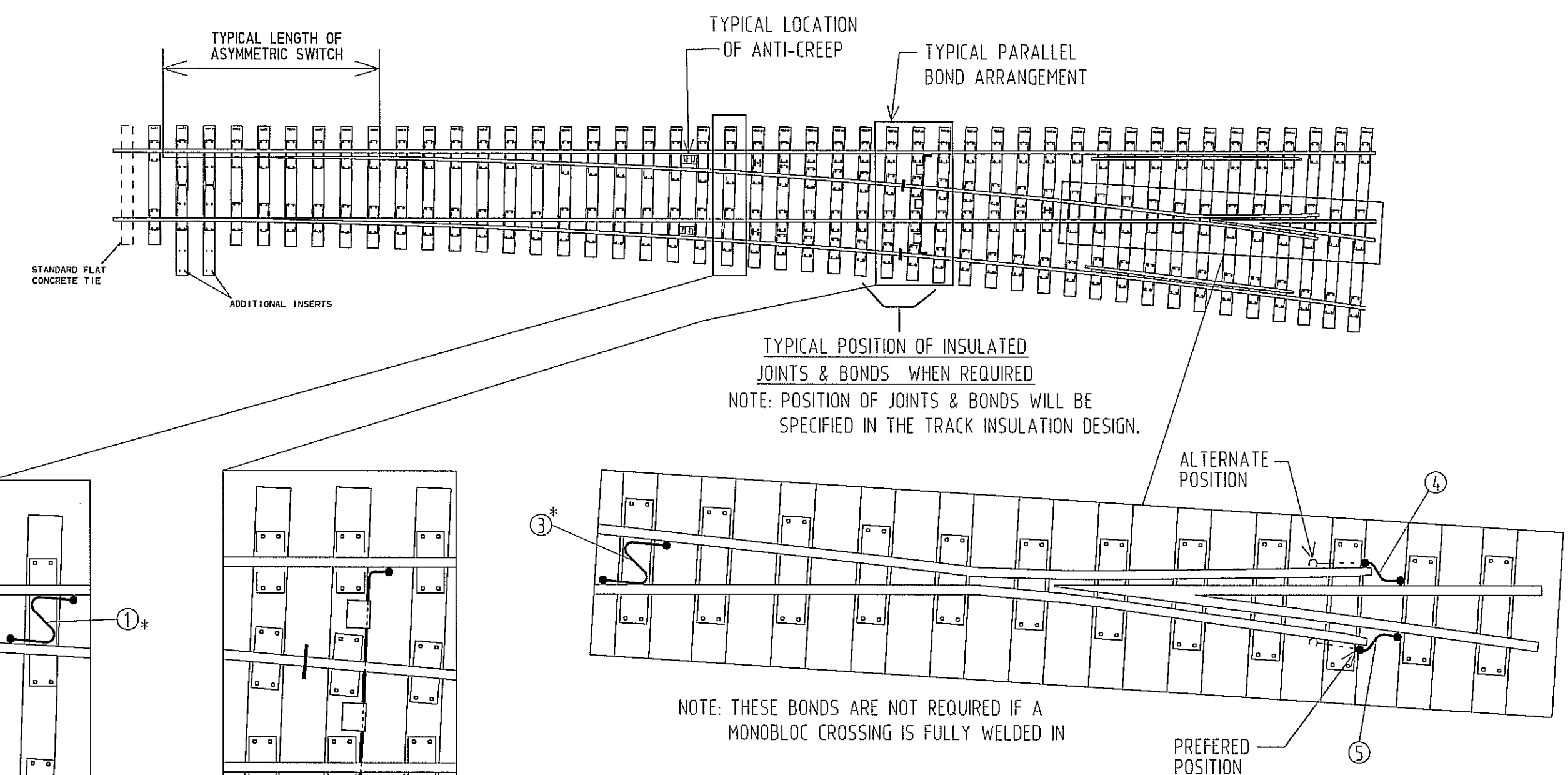


A A

B B

C C

D D



IMPORTANT
 DO NOT USE HEAD OR FOOT WELDS. ALL BONDS ARE DIRECTLY CADWELDED TO RAIL WEB ON THE NEUTRAL AXIS OF THE RAIL LOCATED USING APPROVED JIGS.
 * BOND CABLES ARE TIED TO THE RAIL CLIP. USE CORRECT SLEEPER BAY TO ELIMINATE EXCESS BOND LENGTH.

TRACTION BOND DETAILS

No	CADWELD BONDING CABLE	QTY	CROSS SECTION(mm ²)	LENGTH
①	COPPER	2	70	600mm
②	COPPER	2	70	600mm
③	COPPER	2	70	600mm
④	COPPER	2	70	355mm
⑤	COPPER	2	70	355mm
⑥	ALUMINIUM HYPALON	2	185mm ² WITH 127mm ² TAILS FOR DIRECT CADWELDING ON RAILWEB	

VERSION	DESCRIPTION	DATE	DRAWN	REVIEWED	VERIFIED	APPROVED

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AS 1100 THIRD ANGLE PROJECTION

GENERAL TOLERANCES
 LINEAR: < 1000 ±0.5mm, ≥ 1000 ±3mm
 RADIAL: < 500 ± 0.25mm, ≥ 500 ± 1.5mm
 ANGULAR: 30°

RailCorp SIGNALS
 Engineering Standards & Services Division

SIGNAL DESIGN

TITLE				
STANDARD BONDING ARRANGEMENT - TYPICAL TANGENTIAL TURNOUT				
DESIGNED	DRAWN	REVIEWED	VERIFIED	APPROVED
C. Liang	C. Liang	S.K. [Signature]	D.N. [Signature]	R.W.A. [Signature]
DATE	SCALE	DRG. No.	REV. No.	
19/09/2008	N.T.S.	M04-123	A A3	

RailCAD plot by chuang on 19/09/2008 at 01:26:04 PM