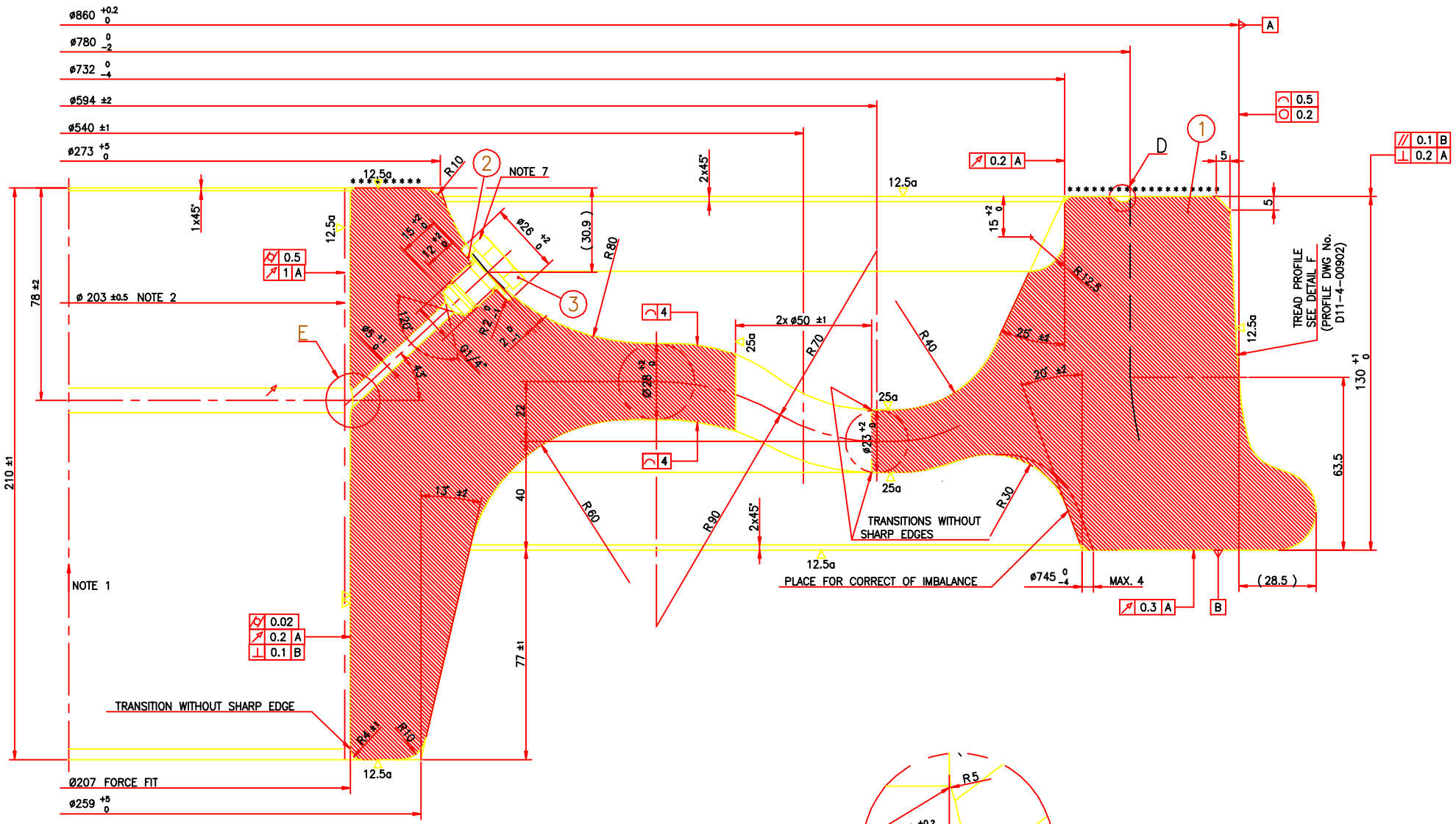

NOTE

1. ANY SLIGHT TAPER WITHIN THE PERMITTED TOLERANCE SHALL BE ON THE CONDITION THAT THE LARGER DIAMETER IS AT THE INBOARD SIDE OF THE HUB.
2. THE DRAWING IS ALSO VALID FOR DELIVERY OF SEPARATE SOLID FORGED WHEELS WITH ROUGH BORE Ø203±0.5, ROUGHNESS Ra 12.5, WEIGHT 333 kg.
3. MAXIMUM STATIC IMBALANCE IS 125 gm (E3).
4. THE SOLID WHEEL IS SPECIFIED FOR LOAD OF AXLE 18.268 t.
5. WHEEL MARKING DRG. No. 8/RS/5009
6. TWO COATING SYSTEM (PRIMER COAT, FINAL COAT), COLOR OF NCS 8500N FOR WHEEL EXCEPT WHEEL BORE AND WHEEL TREAD.
7. SOLID WHEEL SHALL BE DELIVERED WITHOUT SCREW PLUG AND SEALING RING SHALL BE DELIVERED SEPARATELY. TIGHTENING TORQUE OF THE SCREW PLUG IS 20 Nm.
8. DIAMETER OF WHEEL SHALL BE DIVIDED INTO TWO GROUPS, Ø860+0.2/0 AND Ø861+0.2/0 mm AND NUMBER OF WHEEL PER GROUP SHALL BE CONTROLLED BY ONE BOGIE SET.
9. TENSILE STRENGTH: 900-1100 N/mm2, HARDNESS: 300-341 HRB CARBON CONTENT IN THE LADLE ANALYSIS AND THE PRODUCT ANALYSIS: 0.63% MAX. MANGANESE CONTENT IN THE LADLE ANALYSIS AND THE PRODUCT ANALYSIS: 0.83% MAX.
10. *MARKED AREA SHOULD NOT BE PAINTED BUT BE COVERED WITH ANTI-CORROSIVE MATERIAL. *MARKED AREA SHALL BE PAINTED AFTER WHEEL-SET ASSEMBLY.

ITEM	DESCRIPTION	No. OFF	REF. DRG	MTL/SPEC	REMARKS
3	SCREW PLUG	1	8/RS/5008	11110.0 BMR19M12-21	
2	WASHER	1	8/RS/5007	Cu	
1	WHEEL, FORGED STEEL	1	8/RS/5006	IRS R19/83 (PART-IV)	

TOLERANCES ON SURFACE ISO 1302 | TOLERANCES OTHER THAN SPECIFIED ISO 2768mK

		DATE
DRN	KS Lee	30.08.2002
CHK	JH Kim	30.08.2002
APP	JT Kim	30.08.2002

SUB CONTRACTOR'S REF.No. 455.0.159.000.13

DELHI METRO RAIL CORPORATION

ROLLING STOCK — RAIL CORRIDOR / METRO CORRIDOR

TITLE
WHEEL, FORGED STEEL
(NEW WHEEL PROFILE)

MRM'S REF.No. EF01092-000

SCALE 1/1

DRG. No. 8/RS/5006

SHEET 1 OF 1

SUPERCEDES

SUPERCEDED BY

REV.	ITEM	AUTHY	DESCRIPTION	CHK	APP	DATA