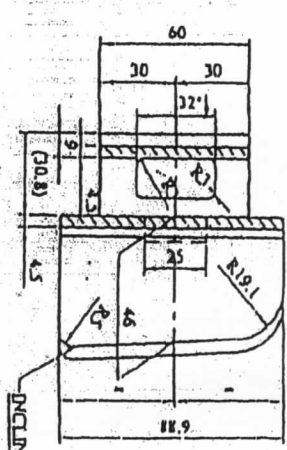
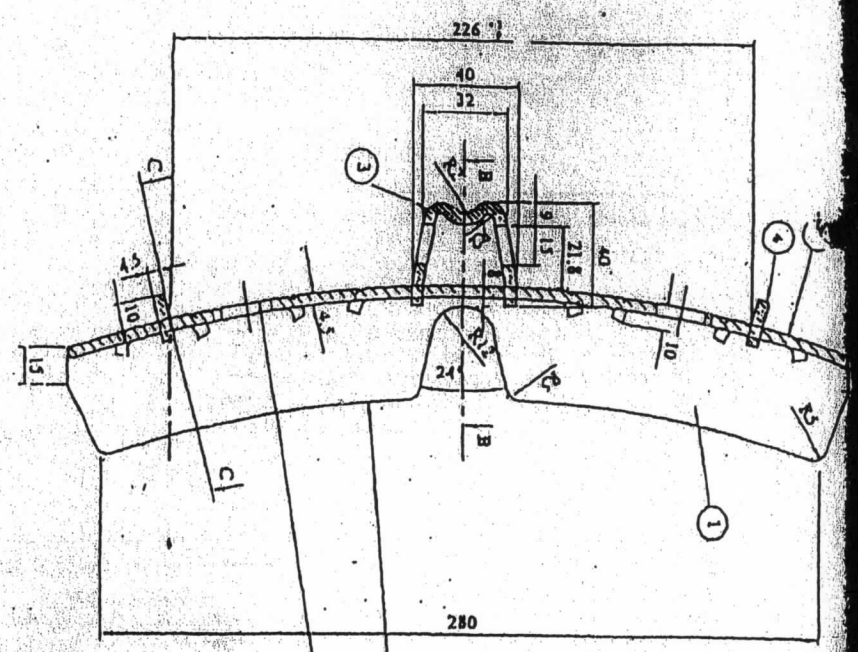
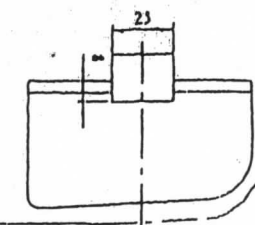


SECTION A-A



SECTION B-B



SECTION C-C

STORE NO :- RG 3/01/78  
PART NO :- 441115

ALL DIMENSIONS ARE IN mm

WHEEL LOAD - 16.5 TON

MAX SPEED 100 kmph

FRICTION COEFFICIENT - 0.19 - 0.17

HEEL MATERIAL - BS 5891 OF 1992 - PART 1; GRADE R9T

RAIL FORCE PER BLOCK - 18 kN

RANGE OF COEFFICIENT OF FRICTION WITHIN THE TEMPERATURE RANGE OF 30° - 120° SHOULD BE LESS THAN 0.05

MAXIMUM EXTENSION OF STOPPING DISTANCE ALLOWED 5.11% AT A SPEED OF 80 kmph

NO	PART NO	DESCRIPTION	MATERIAL	QTY	REMARKS
4		STOPPER	SS-41 TO IS 3101	02	
3		HANGER	SS-41 TO IS 3101	01	
2		BASE PLATE	SS-41 TO IS 3101	01	
1		BRAKE SHOE	RESIN	01	

SUPERSEDES DRG NO: \_\_\_\_\_ DRG. NO. REFERENCE DRGS: \_\_\_\_\_

SRI LANKA RAILWAYS - MECHANICAL DEPARTMENT

TITLE :- LOW FRICTION BRAKE BLOCKS FOR DIRECT MOTION

SCALE :- 1:2

DATE :- 27.07.2006

DRAWING NO. :- 1500

D. NO. P-328/00