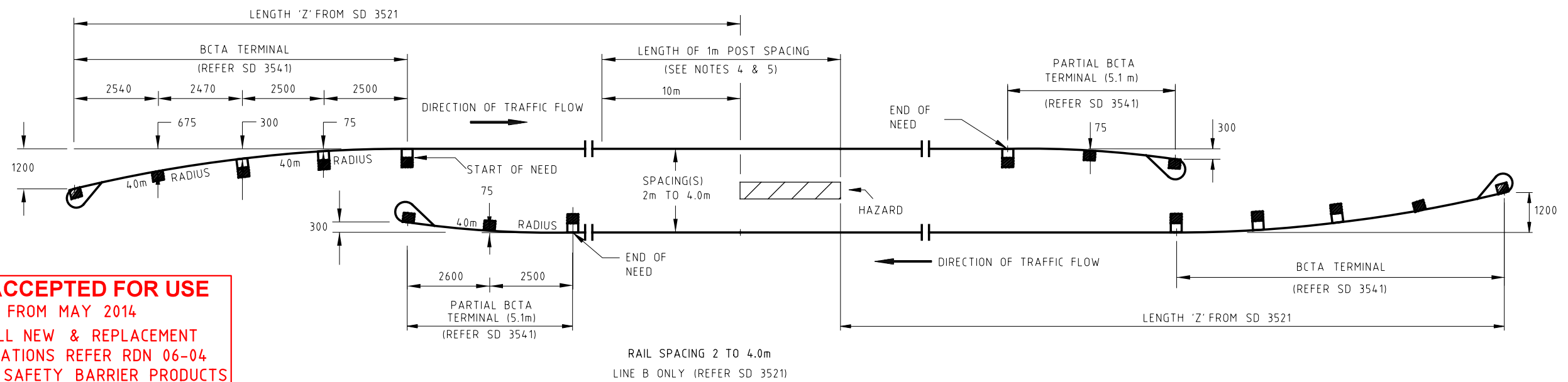
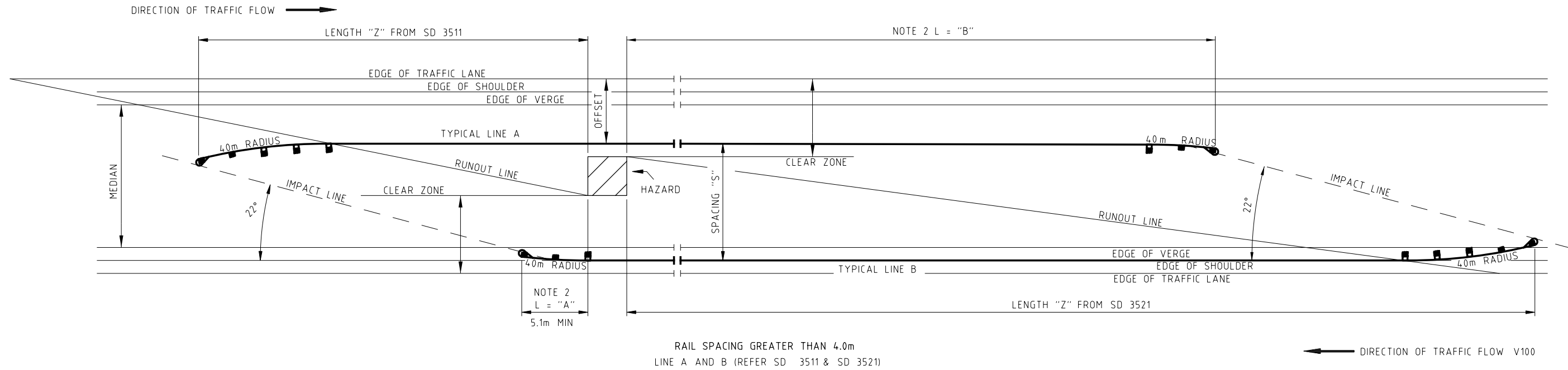


**NOT ACCEPTED FOR USE
FROM MAY 2014
FOR ALL NEW & REPLACEMENT
INSTALLATIONS REFER RDN 06-04
ACCEPTED SAFETY BARRIER PRODUCTS**



RAIL SPACING 2 TO 4.0m
LINE B ONLY (REFER SD 3521)



RAIL SPACING GREATER THAN 4.0m
LINE A AND B (REFER SD 3511 & SD 3521)

LEGEND
■ DRILLED TIMBER POST

NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS SD 3511 & SD 3521
- WHERE RAIL SPACING IS EQUAL TO OR GREATER THAN 4.0m EITHER LINE A OR LINE B CAN BE USED. LENGTH OF TRAILING TERMINAL "L" IS DETERMINED AS FOLLOWS:
OPPOSITE LINE "A" = $(Z - 2.5) - "S" \tan 68^\circ$
USE 5.1 MINIMUM IF LINE "A" IS LESS THAN 5.1m
WHERE "Z" IS FROM TABLE A ON SD 3511
OPPOSITE LINE "B" = $(Z - 2.5) - "S" \tan 68^\circ$
WHERE Z IS FROM TABLE B ON SD 3521
- WHERE THE DISTANCE BETWEEN GUARD FENCES IS LESS THAN 2m, SPECIAL TREATMENTS MAY BE NECESSARY (FOR DETAILS, REFER PRINCIPAL ROAD DESIGN ENGINEER)
- POST SPACING IS REDUCED TO 1m WHERE THE FACE OF GUARD FENCE IS LESS THAN 1m FROM A BRIDGE PIER OR OTHER UNYIELDING HAZARD.
- A CLEARANCE OF AT LEAST 300mm MUST BE PROVIDED BETWEEN THE BACK OF THE POST AND THE BRIDGE PIER. THE FACE OF GUARD FENCE MUST BE AT LEAST 500mm FROM THE BRIDGE PIER.
- THE LENGTH OVER WHICH POST SPACING IS REDUCED TO 1m EXTENDS FROM A POINT 10m BEFORE THE APPROACH END OF THE BRIDGE PIER OR UNYIELDING HAZARD TO A POINT PERPENDICULAR TO THE DEPARTURE END OF THE BRIDGE PIER.
- FOR LENGTHS OF GUARD FENCE REQUIRED REFER SD 3501, SD 3511 AND SD 3521.

ISSUE	APP'D	DATE	AMENDMENT
F	D.C.	8/5/14	NOTE ADDED - NOT ACCEPTED FOR USE
E	J.K.	1/7/05	IMPACT LINE AMENDED
D	J.B.	1/8/02	MODIFIED TEXT AND COMPONENTS
C	J.B.	10/99	RAIL SPACINGS LABELLED
B	R.G.	2/94	BCT LABELS, NOTES 1, 2, 3, 4, 5 AND GENERAL NOTE 1
A	M.P.	6/90	NOTES AND DIMENSIONS.

GENERAL NOTES / CROSS REFERENCES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

DESIGNED
PRINCIPAL ROAD
DESIGN ENGINEER
APPROVED
Ross Graham 24.2.94
CATALOG: PRED
PROJECT: sddgnnew



COMPUTER FILE sd-3531e.dgn
SCALE OF METRES
HOR NOT TO SCALE
VER

STANDARD DRAWING				
GUARD FENCE IN MEDIANS				
FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO.	ISSUE
			SD 3531	F