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

NOTES:
1. THE DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS SD 3511 & SD 3521
2. 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°
   WHERE Z IS FROM TABLE A ON SD 3511
   OPPOSITE LINE "B" = (Z - 2.5) - "S" TAN 68°
   WHERE Z IS FROM TABLE B ON SD 3521
3. WHERE THE DISTANCE BETWEEN GUARD FENCES IS LESS THAN 2m, SPECIAL TREATMENTS MAY BE NECESSARY. FOR DETAILS REFER PRINCIPAL ROAD DESIGN ENGINEER
4. POST SPACING IS REDUCED TO 1m WHERE THE FACE OF GUARD FENCE IS LESS THAN 1m FROM A BRIDGE PIER OR OTHER UNYIELDING HAZARD.
5. 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.
6. 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.
7. FOR LENGTHS OF GUARD FENCE REQUIRED REFER SD 3501, SD 3511 AND SD 3521.

LEGEND
- DRILLED TIMBER POST
- IMPACT LINE
- CLEAR ZONE
- OFFSET

NOTE 2 L = "B"
NOTE 2

LENGTH "Z" FROM SD 3511
LINE A AND B (REFER SD 3511 & SD 3521)

WHERE "Z" IS FROM TABLE A ON SD 3511
WHERE Z IS FROM TABLE B ON SD 3521

OPPOSITE LINE "A" = (Z - 2.5) - "S" TAN 68°
OPPOSITE LINE "B" = (Z - 2.5) - "S" TAN 68°
WHERE Z IS FROM TABLE B ON SD 3521

LENGTH "Z" FROM SD 3521
LINE A AND B (REFER SD 3511 & SD 3521)