GUARDRAILS ARE REQUIRED IN THE FOLLOWING CASES:
1. Where water next to the road formation is deeper than 1.5m.
2. At all bridges on side of road.
3. On the outside of curves with radii less than 300m without recovery area.
4. Where obstructions are less than 1m from the shoulder breakpoint.

BEFORE GUARDRAILS ARE ERECTED APPROVAL MUST BE OBTAINED FROM THE EXECUTIVE DIRECTOR: ROADS AND STORMWATER.

BOLT: HIGH TENSILE STEEL 16mm
WASHER: STEEL SPRING 10mm THICK.
SPACER BLOCK: GUM OR PINE. TREATED WITH CREOSOTE ACCORDING TO ANY METHOD IN SANS 10005.
Pole: 150mm to 230mm GUM OR PINE TREATED WITH CREOSOTE ACCORDING TO ANY METHOD IN SANS 10005.

ALL GUARDRAILS SHALL BE GALVANIZED AS SPECIFIED (NOT PAINTED).

1. GUARDRAILS ARE REQUIRED IN THE FOLLOWING CASES:
   1. WHERE WATER NEXT TO THE ROAD FORMATION IS DEEPER THAN 1.5m.
   2. AT ALL BRIDGES ON SIDE OF ROAD.
   3. ON THE OUTSIDE OF CURVES WITH RADII LESS THAN 300m WITHOUT RECOVERY AREA.
   4. WHERE OBSTRUCTIONS ARE LESS THAN 1m FROM THE SHOULDER BREAKPOINT.

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