NOTES:

GENERAL
- GUARDRAILS HAVE BEEN DESIGNED TO MEET THE CRITERIA FOR CONTAINMENT LEVEL CL-3 AS DEFINED BY THE MINISTRY. GUARDRAILS HAVE NOT BEEN DESIGNED TO CONTAIN ERRANT VEHICLES.
- MAXIMUM POST SPACING = 3048 C/C.
- FOR GUARDRAIL ANCHOR DETAILS, SEE MINISTRY STANDARD DRAWINGS: STD-EC-010-04 - CL3 INSERT DETAILS

MATERIALS
- STEEL: RAILS
  - TO CSA G40.21M
  - GRADE 350W (COATED)
  - GRADE 350A (UNCOATED)
  - OR TO ASTM
  - A500 GRADE C (COATED)
  - A847 (UNCOATED)

- POSTS TO CSA G40.21M
  - GRADE 350W (COATED)

- PLATE TO CSA G40.21M
  - GRADE 350W (COATED)
  - GRADE 350A (UNCOATED)

- STEEL FABRICATION:
  - WELDING:
    - SHOP WELDING IN ACCORDANCE WITH CSA W59 FABRICATOR TO BE CERTIFIED FOR DIVISION 1, 2 OR 3 IN ACCORDANCE WITH CSA W47.1.
    - FIELD WELDING BY COMPANY CERTIFIED TO CSA W47.1, DIVISIONS 1, 2 OR 3.

- MIN. 6mm FILLET WELD UNLESS OTHERWISE NOTED.

GUARDRAIL BRACKETS AND POST COATING TO BE EITHER:

- PAINTED IN ACCORDANCE WITH MINISTRY STEEL GUARDRAIL COMPONENT PAINT STANDARD.
- HSS RAIL TO BE PAINTED SAFETY YELLOW IN ACCORDANCE WITH MINISTRY STEEL GUARDRAIL COMPONENT PAINT STANDARD.

ASSUME NOT TO SCALE