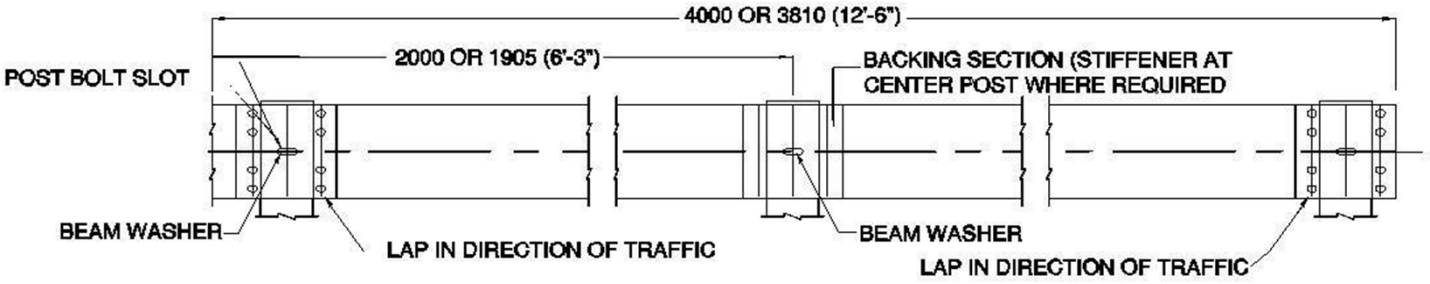
GALVACO
INDUSTRIES

GALVACO INDUSTRIES SDN BHD

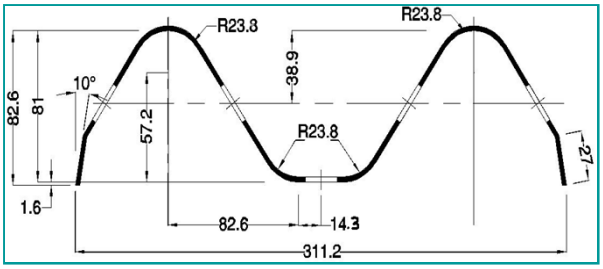
HIGHWAY GUARDRAIL CATALOG

GALVACO GUARDRAIL

Galvaco guardrail manufacturing plant produces corrugated W-beam guardrails which comply to AASHTO M180-00 and are hot dip galvanized to international standards of EN ISO 1461 for corrosion protection/ The guardrail manufacturing plant also produces various types of steel channel post, channel blocks, all JKR type terminal sections, delineators and related guardrail accessories. These highway guardrails are made to ensure durability in all weather conditions.



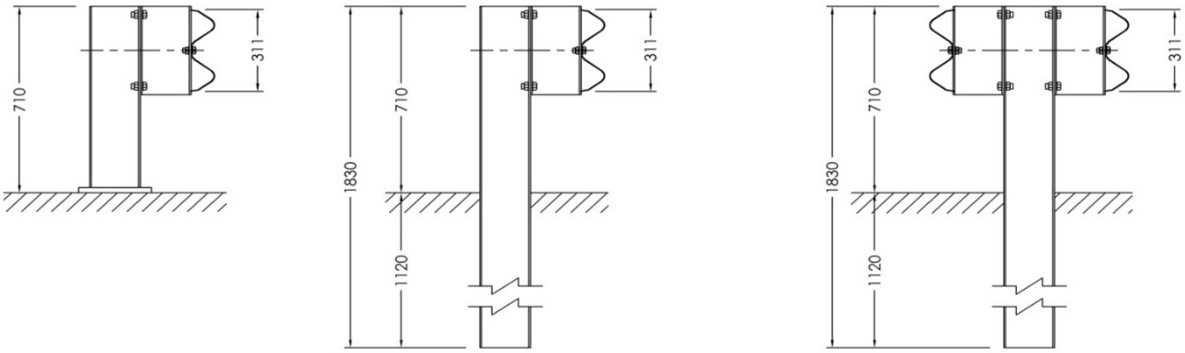
WOODEN POST SHOWN WHEN STEEL POST IS USED OFFSET IS NO MISS WEB.



Galvaco Guardrail Division provides supply only and or supply and install services. Galvaco guardrail is certified by SIRIM

BUATAN MALAYSIA

GALVACO GUARDRAIL



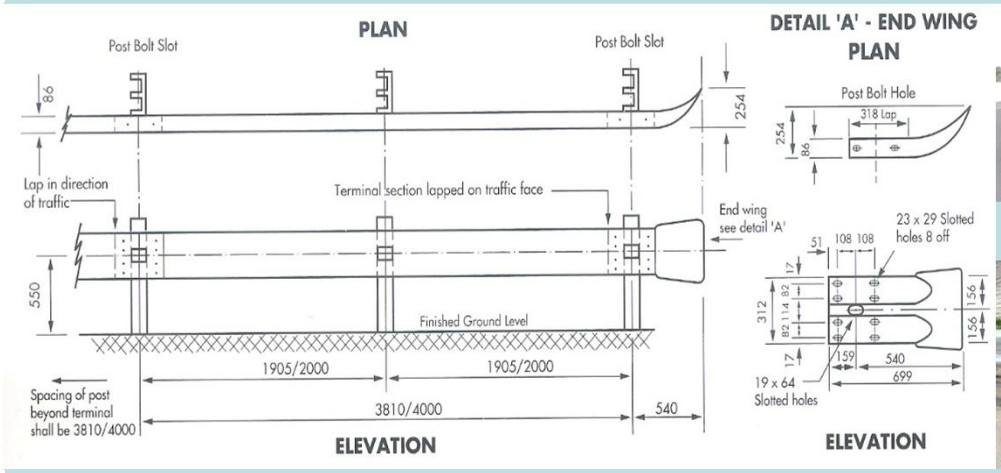
POST SECTION

Specification and Technical Data -Beam

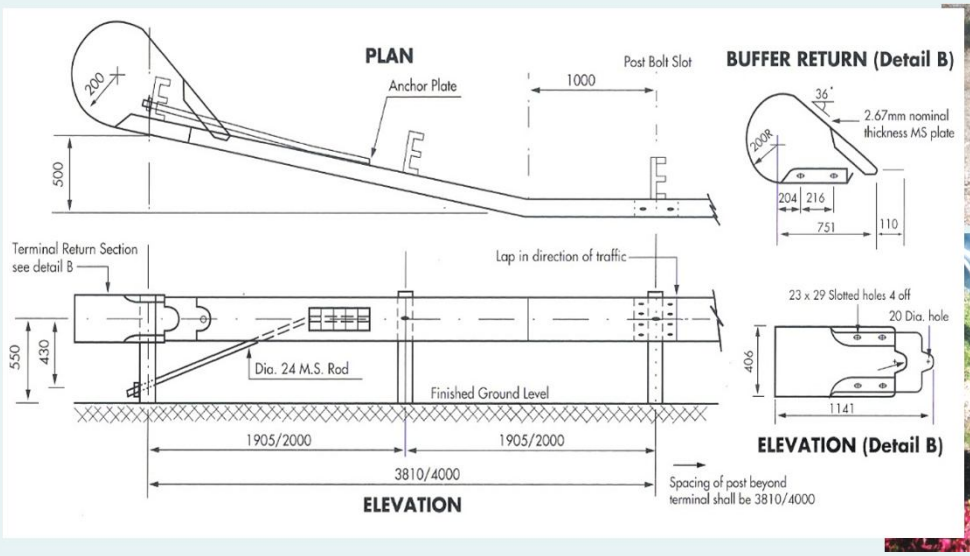
STANDARD	AASHTO M180-00 (CLASS A, Type II)		
BEAM LENGTH AND THICKNESS	Effective Length (mm)	Overall Length (mm)	Beam thickness (mm)
	3810	4128	2.67 (+/-0.23)
	4000	4318	2.67 (+/-0.23)
GALVANIZING	Zinc coated, 1100 g/m2, minimum single spot		
MECHANICA PROPERTIES	Minimum Yield Point :345Mpa (50000 psi) Minimum Tensile Strength : 483Mpa (50000 psi) Minimum Elongation:12%		

GUARDRAILTERMINAL

FISH TAIL TERMINAL (TYPE 1)



TERMINAL ANCHORAGE UNIT (TYPE 2)



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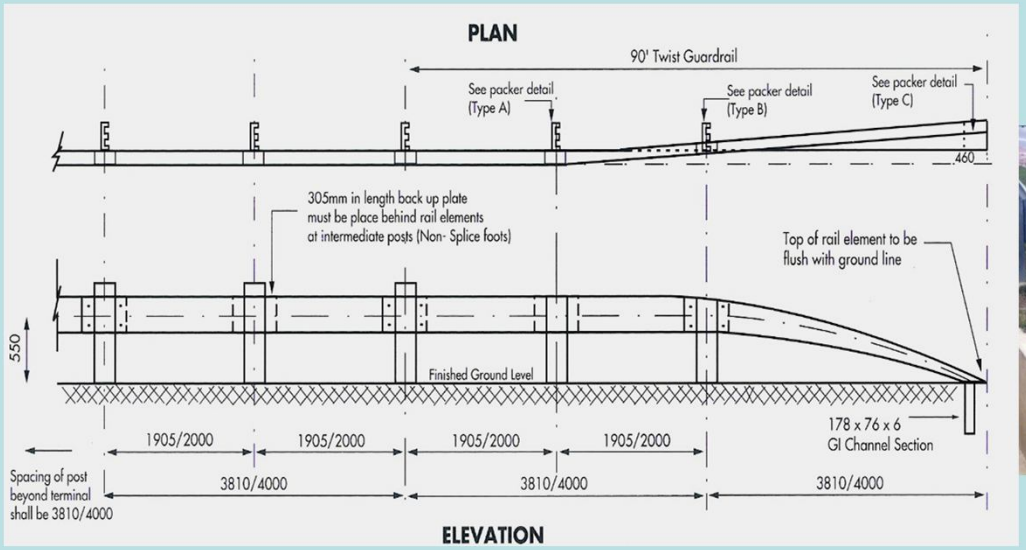
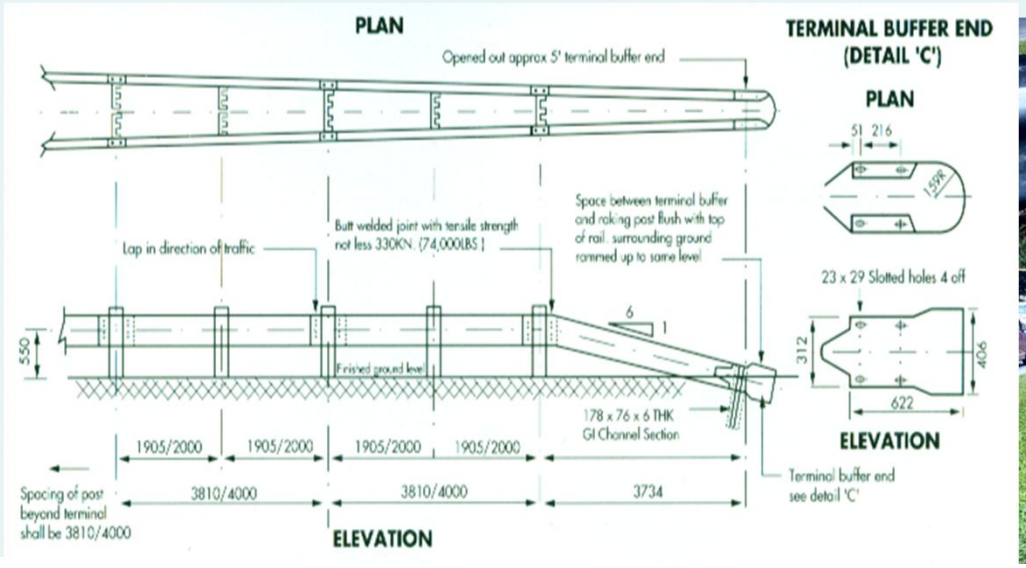
90 DEGREE TWIST TERMINAL UNIT (TYPE 3)



SLOPE TERMINAL UNIT (TYPE 4)



CURVE GUARDRAIL AND BRIDGE CONNECTOR

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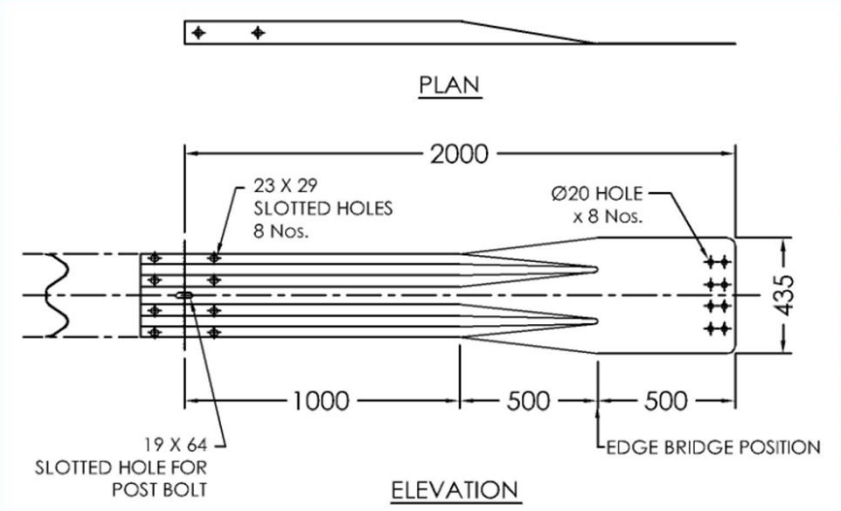
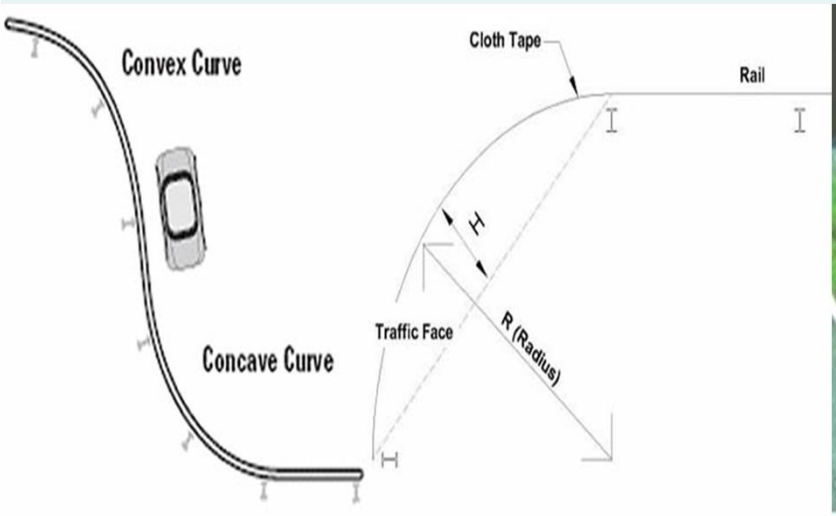
TERMINAL BRIDGE CONNECTOR



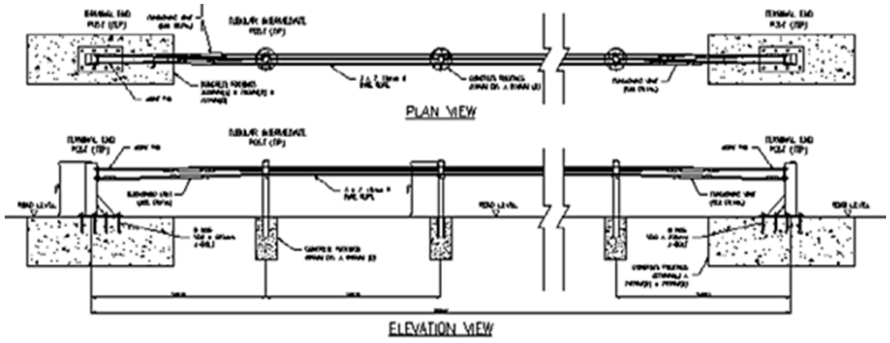
CURVE QUARDRAIL



GALVACO WIREROPE GUARDRAIL

THE 4 WIRE ROPE GUARDRAIL SYSTEM

Wire rope guardrail is an flexible safety rail. Galvaco wire rope system comprises of 4 numbers of core strength wire ropes. These 4 wire ropes are tensioned between two H beam end post and bolted into a huge mass concrete foundation. The mass concrete is planted into the ground. Each of the End Anchorage are constructed at less than 200 meters apart. Between the two End Anchorage units are intermediate post placed between 2 meter to 2.5 meters apart. The 4 wire ropes are held in position at vehicle bumper height of 600 mm above road pavement level by these intermediate post. These post acts as a holder and can be easily replaced by pulling out from a slot in the concrete footing



4 WIRE ROPE (3 X 7), 19mm DIA.
GUARDRAIL SAFETY BARRIERS SYSTEM