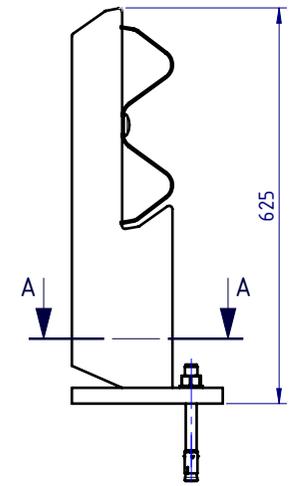
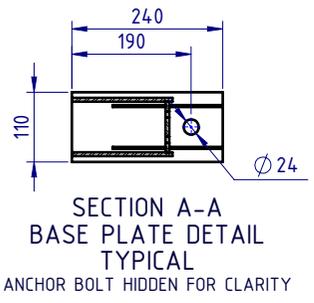


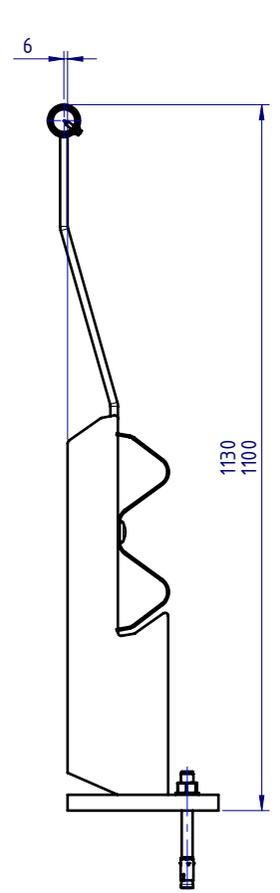
Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	12.9 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.
2000 kg	13 km/h	0.5 m	13.0 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.

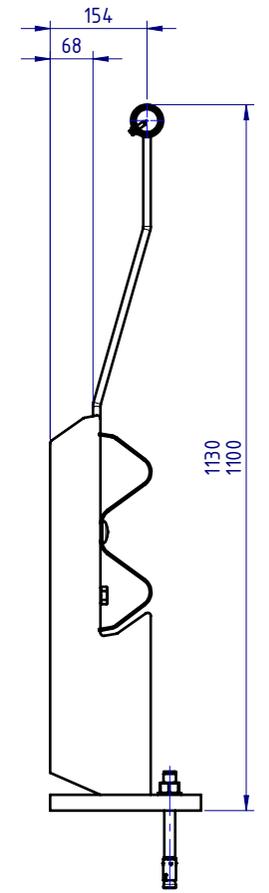
Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	1 off	150 mm



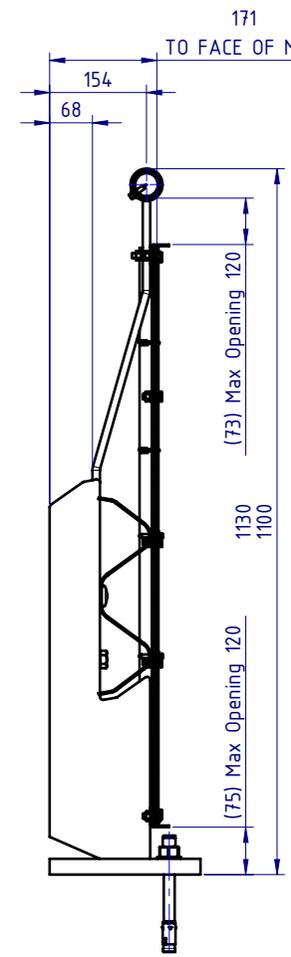
Rhino-Stop® Standard Type 1 GuardRail



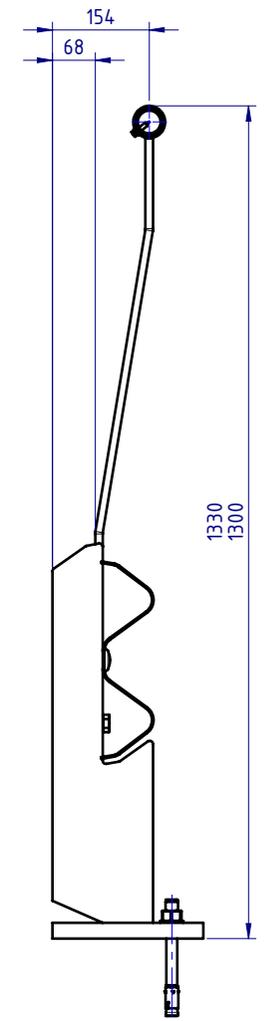
Rhino-Stop® Standard Type 2 GuardRail & Offside Balustrade



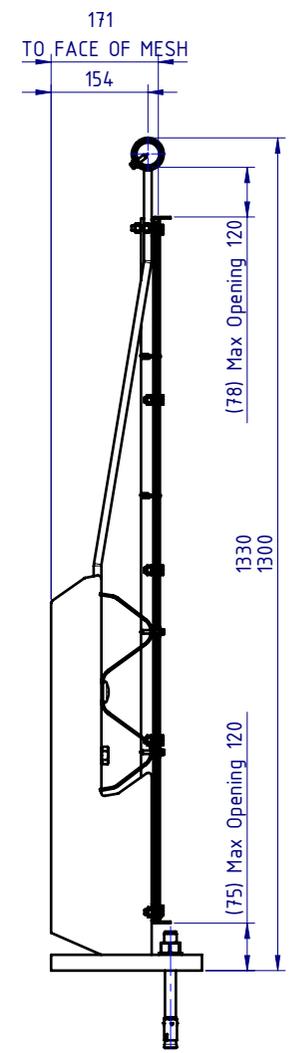
Rhino-Stop® Standard Type 3 GuardRail & Nearside Balustrade



Rhino-Stop® Standard Type 4 GuardRail, Balustrade & Anti-Climb Mesh



Rhino-Stop® Standard Type 5 GuardRail & Sight Rail



Rhino-Stop® Standard Type 6 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
C		NEW HANDRAIL EXTENSIONS ADDED	18/07/2017	TC
D		NEW RHINO BASEPLATE ADDED	11/04/2018	TC
E		Redrawn from AutoCAD, new handrail extensions added	8/12/2021	HW
F		Splice Fasteners removed	21/01/2022	HW
G		Performance & Installation Req. tables added	12/01/2026	HW

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Rogulski	14/01/2022
CHK'D	T. Colquhoun	14/01/2022
APPV'D	H. Wallace	21/01/2022

TITLE: Carpark Barriers - RhinoStop® Standard Rhino-Stop® Standard Assembly Types GuardRail General Arrangement		
DWG NO. SD-CP-01000	REVISION: G	SHEET SIZE: A4
WEIGHT: 689.1kg	SCALE: 1:12	SHEET 1 of 1