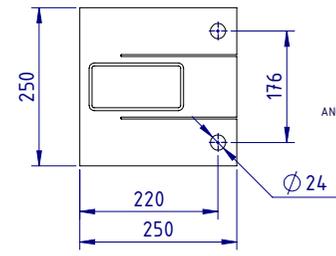
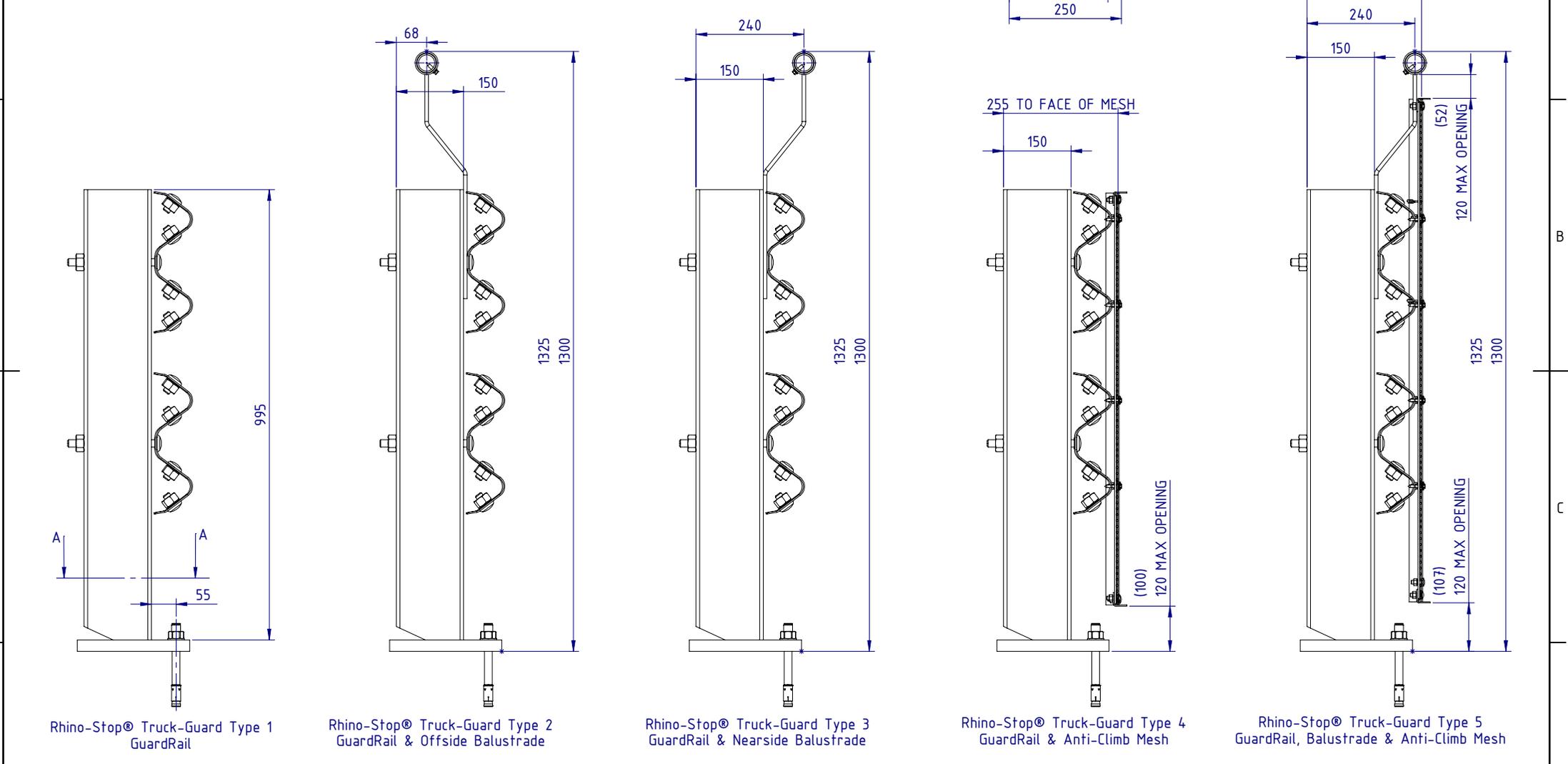


Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
2000 kg	24 km/h	0.5 m	46.2 kJ	4 m double-height w-beam supported by five (5) posts at 1.0 m centres secured to a 150 mm thick concrete slab.
2000 kg	27 km/h	0.5 m	57.4 kJ	6 m double-height w-beam supported by four (4) posts at 2.0 m centres secured to a 150 mm thick concrete slab.
2500 kg	20 km/h	1.0 m	36.9 kJ	8 m double-height w-beam supported by four (5) posts at 2.0 m centres secured to a 150 mm thick 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	2 off	150 mm



SECTION A-A
BASE PLATE DETAIL
TYPICAL
ANCHOR BOLT HIDDEN FOR CLARITY



Rhino-Stop® Truck-Guard Type 1
GuardRail

Rhino-Stop® Truck-Guard Type 2
GuardRail & Offside Balustrade

Rhino-Stop® Truck-Guard Type 3
GuardRail & Nearside Balustrade

Rhino-Stop® Truck-Guard Type 4
GuardRail & Anti-Climb Mesh

Rhino-Stop® Truck-Guard Type 5
GuardRail, Balustrade & Anti-Climb Mesh

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-043	21/09/2022	HW
B		Performance & Installation Req. tables added	12/01/2026	HW

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	J. An	21/09/2022
CHK'D	T. Colquhoun	21/09/2022
APPV'D	H. Wallace	21/09/2022

TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Assembly Types GuardRail General Arrangement			
DWG NO.	SD-CP-03000	REVISION:	SHEET SIZE:
		B	A4
WEIGHT:	DO NOT SCALE DRAWING	SCALE: 1:10	SHEET 1 of 1