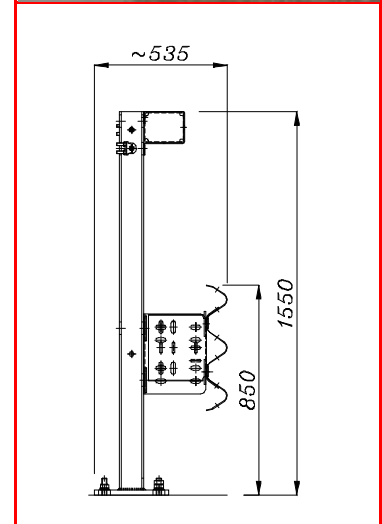


Deformable vehicle parapet, single sided Containment level H4b



3N.TU-bpl.47

Certified according	EN 1317-1/2
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Homologation according italian D.M. 223/92	In progress
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CHARACTERISTICS

Weight	kg/m	72,11
Height out of ground	mm	1550 ± 20
Depth of fixing	mm	-
Transversal overall dimensions	mm	535
Center to Center distance between posts	mm	1500
Suggested minimum lenght	m	94,5 + end sections ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	745,46 ⁽²⁾	B
Acceleration Severity Index "ASI"		1,3	
Theoretical Head Impact Velocity "THIV"	km/h	27,0	
Post-impact Head Deceleration "PHD"	g	11,0	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		2,10 / W6 (1,70)	0,60 / W1
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		1,70	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		1,20 (1,05)	0,20 (0,19)
Vehicle Cockpit Deformation Index "VCDI"		RF0000000	

- (1) When not connected to other barriers, end sections are compulsory (both for start and end section).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger compartment.
- (3) It is the distance between the barrier side facing the traffic before impact and the maximum permanent lateral position of any major part of the barrier.
- (4) Values according EN 1317-1/2:1998 and proposal for revision EN 1317-1/2:2006.



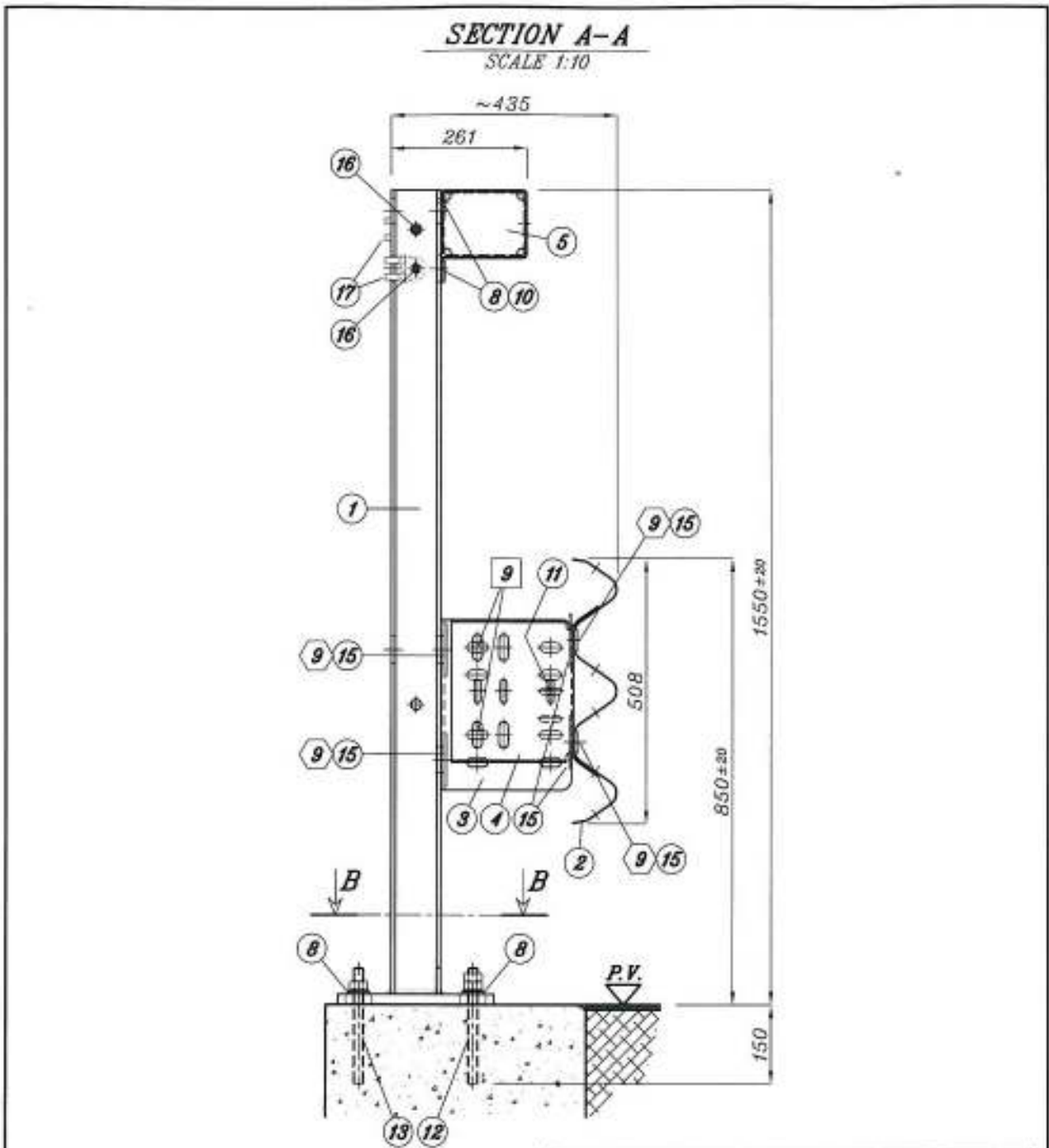
TEST REPORTS

Report N°	Test field - Laboratory	Date of the crash-test	Vehicle	Vehicle Mass (kg)	Impact speed (km/h)	Impact angle
TUB/BSI-120/1078	L.I.E.R. – Lyon (F)	15.02.07	Car	917	103,1	19,9°
TUB/BSI-121/1079	L.I.E.R. – Lyon (F)	16.02.07	Articulated HGV	38.520	65,5	20,0°

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3N.TU-bpl.47 dwg. 050-A103/01



NOTE:
For section B-B see dwg. 050-A104/01

MODIFIED 25/09/07
MODIFIED 14/02/07



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CUSTOMER: /
SITE: /
SUBJECT:
DEFORMABLE VEHICLE PARAPET, SINGLE SIDED
(SECTION A-A)
CONTAINMENT LEVEL H4b

Scale	1:10
Date	08/01/07
Order n°	/
Date Order	/

TOLERANCE: ±3%	Designer M. Bucchiatti	Draughtsman B. Botta	Approval P. Ruffini
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Dwg n° 050-A103/01uk

Deformable vehicle parapet, single sided
Containment level H4b

