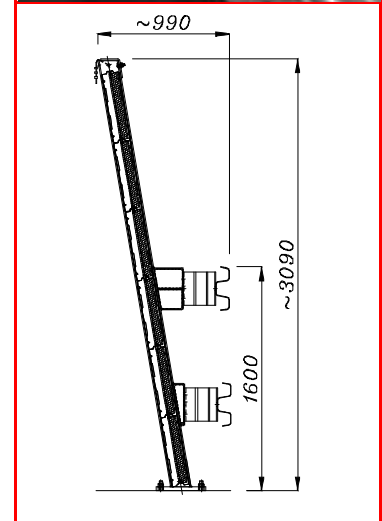


Combined single sided safety and noise vehicle parapet - Containment level H4b



2S-SI-TU-bpl.38 dwg. 050-0961/03

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	213,79
Height out of ground	mm	3090 ± 20
Depth of fixing	mm	-
Transversal overall dimensions	mm	990
Center to Center distance between posts	mm	1268
Suggested minimum lenght	m	79,88 ⁽¹⁾
Steel quality		S275JR
Galvanisation		EN.ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	757,22 ⁽²⁾	B
Acceleration Severity Index "ASI"		1,3	
Theoretical Head Impact Velocity "THIV"	km/h	29,0	
Post-impact Head Deceleration "PHD"	g	15,0	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		2,60 / W8 (2,40)	1,00 / W3
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		1,20	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		1,20 (1,11)	0,11 (0,11)
Vehicle Cockpit Deformation Index "VCDI"		RF1022000	

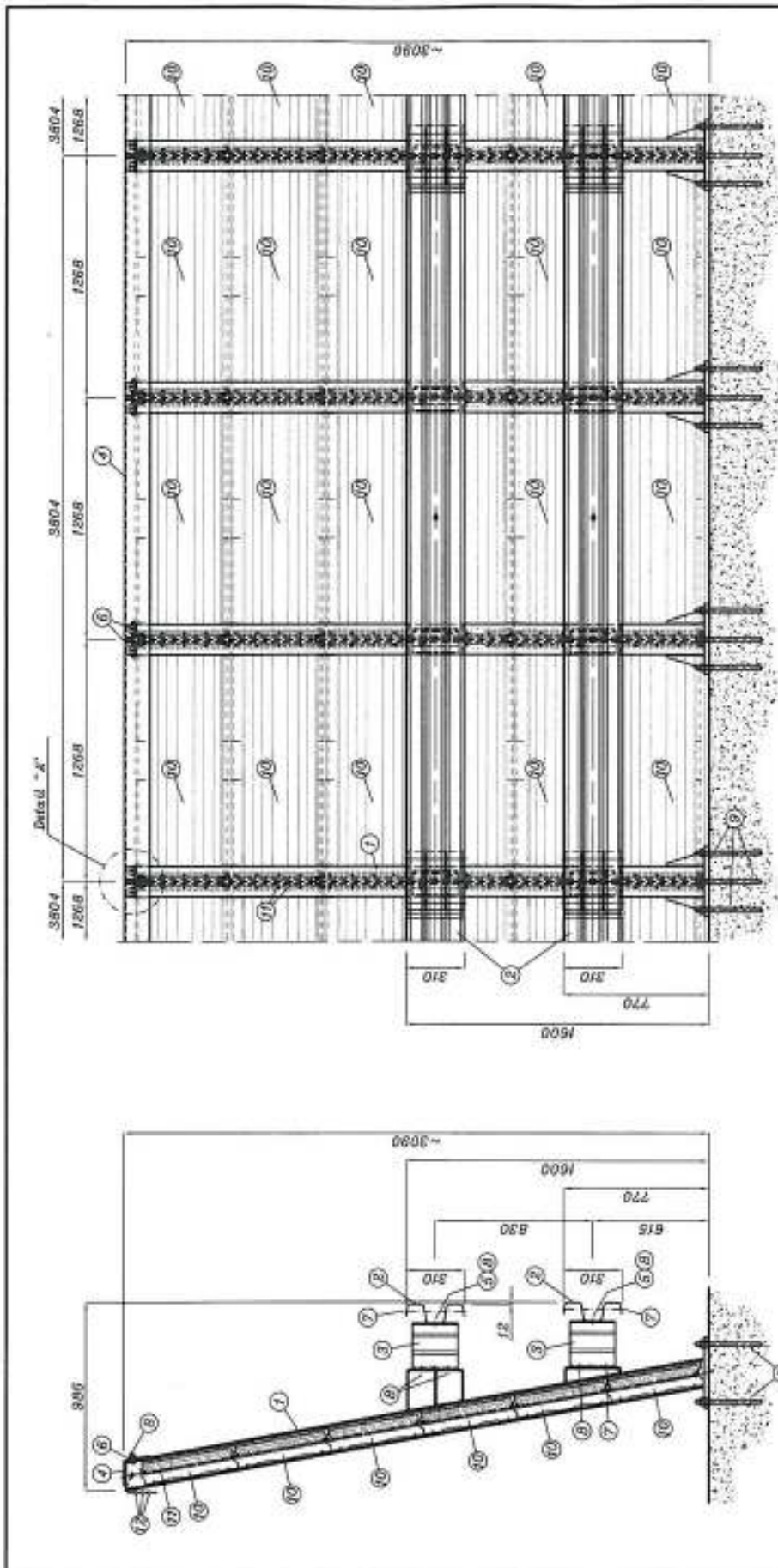
- (1) End sections are not foreseen.
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger compartment.
- (3) It is the distance between the barrier side facing 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-100/961	L.I.E.R. – Lyon (F)	10.10.05	Car	919	100,6	20,0°
TUB/BSI-101/962	L.I.E.R. – Lyon (F)	11.10.05	Articulated HGV	37.950	66,5	20,0°

Combined single sided safety and noise vehicle parapet - Containment level H4b



MODIFIED 13/10/05
 MODIFIED 03/10/05
 MODIFIED 14/07/05

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SINA S.p.A.
 Via... 238

CUSTOMER: /
SITE: /
SUBJECT: COMBINED SINGLE SIDED SAFETY AND NOISE VEHICLE PARAPET CONTAINMENT LEVEL H4b

Scale: 1:20 - 1:5
 Date: 05/07/05
 Order n.: /
 Date Order: /

Project: /
 Design: /
 Drawn: /
 Checked: /
 Date: /

Doc. n. 050-0961/03.04

REV.	DESCRIPTION	REVISION
1	PRO DESIGN 8-2005 + P. APPROVED	00000
2	REVISION 10/05	00000
3	REVISION 10/05	00000
4	REVISION 10/05	00000
5	REVISION 10/05	00000
6	REVISION 10/05	00000
7	REVISION 10/05	00000
8	REVISION 10/05	00000
9	REVISION 10/05	00000
10	REVISION 10/05	00000
11	REVISION 10/05	00000
12	REVISION 10/05	00000

