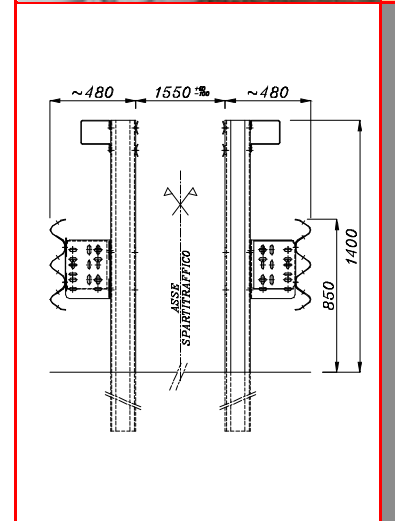


Deformable safety barrier, single sided for median application – Ground - Containment level H4b



3N.TU-brl.40

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	125,02
Height out of ground	mm	1400 ± 30
Depth of fixing	mm	1000
Transversal overall dimensions	mm	2410
Center to Center distance between posts	mm	1500
Suggested minimum lenght	m	82,5 + end sections ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	744,62 ⁽²⁾	A
Acceleration Severity Index "ASI"		1,0	
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
		2,50 / W7 (2,50)	2,50 / W7
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		2,20	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		1,40 (1,35)	0,60 (0,26)
Vehicle Cockpit Deformation Index "VCDI"		LS0000101	

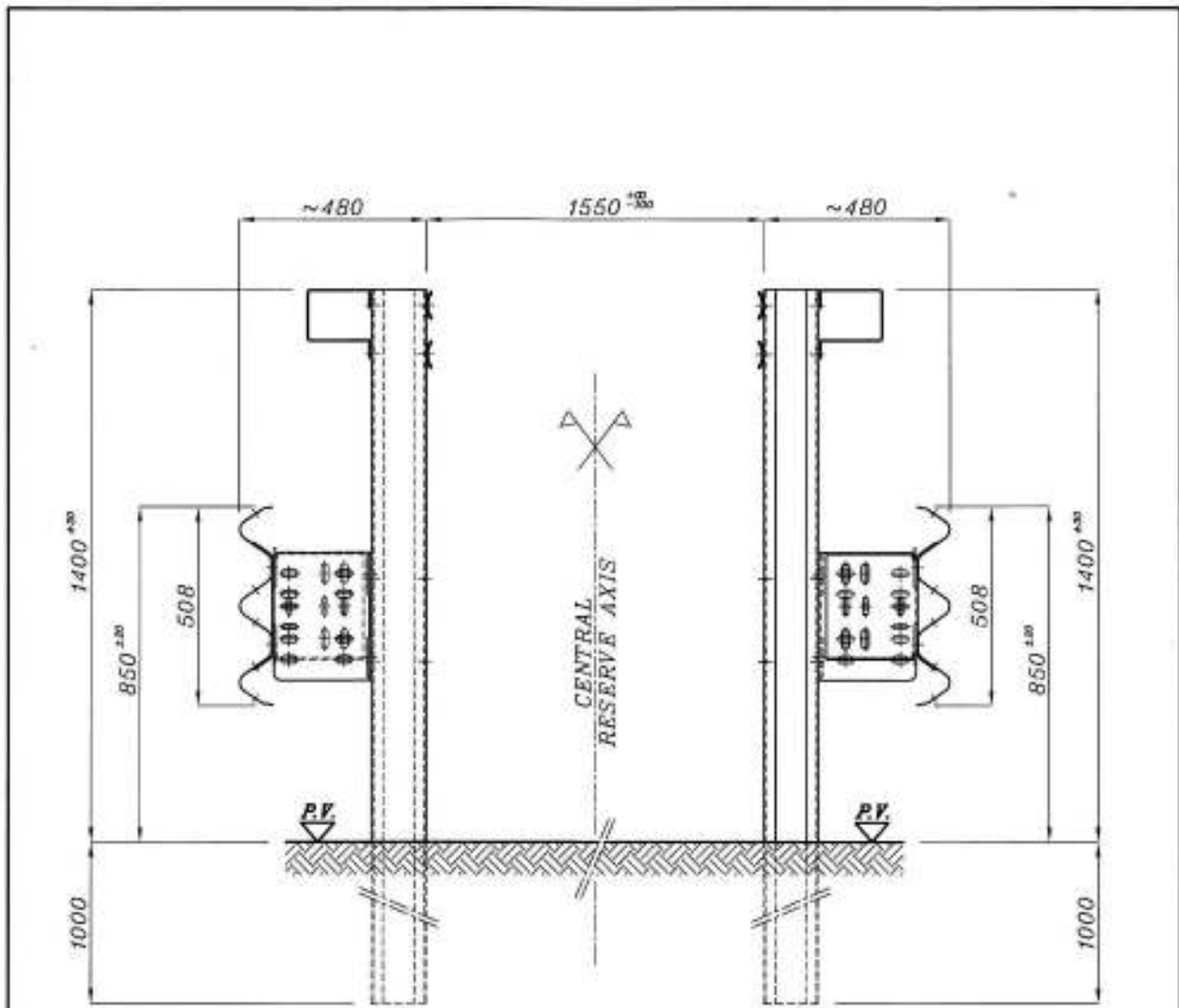
- (1) When not connected to other barriers, end sections are compulsory (both for start and end section).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger 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-104/989A	L.I.E.R. – Lyon (F)	10.02.06	Car	906	105,8	20,6°
TUB/BSI-102/987A	L.I.E.R. – Lyon (F)	08.02.06	Articulated HGV	37.440	66,4	20,0°

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NOTE:
For barrier detail see dwg. 050-A027/00

MODIFIED 11/04/06



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CUSTOMER: /
SITE: /
SUBJECT:
DEFORMABLE SAFETY BARRIER, SINGLE SIDED,
FOR MEDIAN APPLICATION – GROUND
CONTAINMENT LEVEL H4b

Scale
1:15
Date
25/01/06
Order n°
/
Date Order
/

TOLERANCE: ±3% Designer R. Natta Draughtsman Approval Dwg n° 050-A025/01uk

3N.TU-brl.40 dwg. 050-A025/01

Deformable safety barrier, single sided for median application - Ground - Containment level H4b

