

## Deformable vehicle parapet, single sided Containment level H2



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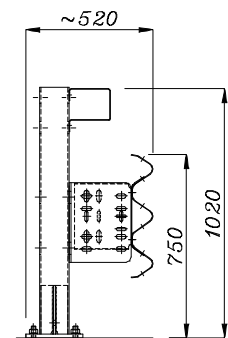
Homologation according italian D.M. 223/92	In progress
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### CHARACTERISTICS

Weight	kg/m	42,58
Height out of ground	mm	1020 ± 20
Depth of fixing	mm	-
Transversal overall dimensions	mm	520
Center to Center distance between posts	mm	2250
Suggested minimum lenght	m	81,0 + end sections <sup>(1)</sup>
Steel quality		S235JR
Galvanisation		EN ISO 1461

### PERFORMANCES

Containment level "Lc"	kJ	296,37 <sup>(2)</sup>	<b>B</b>
Acceleration Severity Index "ASI"		1,1	
Theoretical Head Impact Velocity "THIV"	km/h	28,0	
Post-impact Head Deceleration "PHD"	g	10,0	
Working Width and Class "W" (permanent Working Width <sup>(3)</sup> )	m	Heavy vehicle	Light vehicle
		1,60 / W5 (1,48)	0,60 / W1
Maximum lateral position of the vehicle "VI" <sup>(4)</sup>	m	Heavy vehicle	Light vehicle
		1,60	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		1,50 (1,25)	0,20 (0,19)
Vehicle Cockpit Deformation Index "VCDI"		RF0001000	



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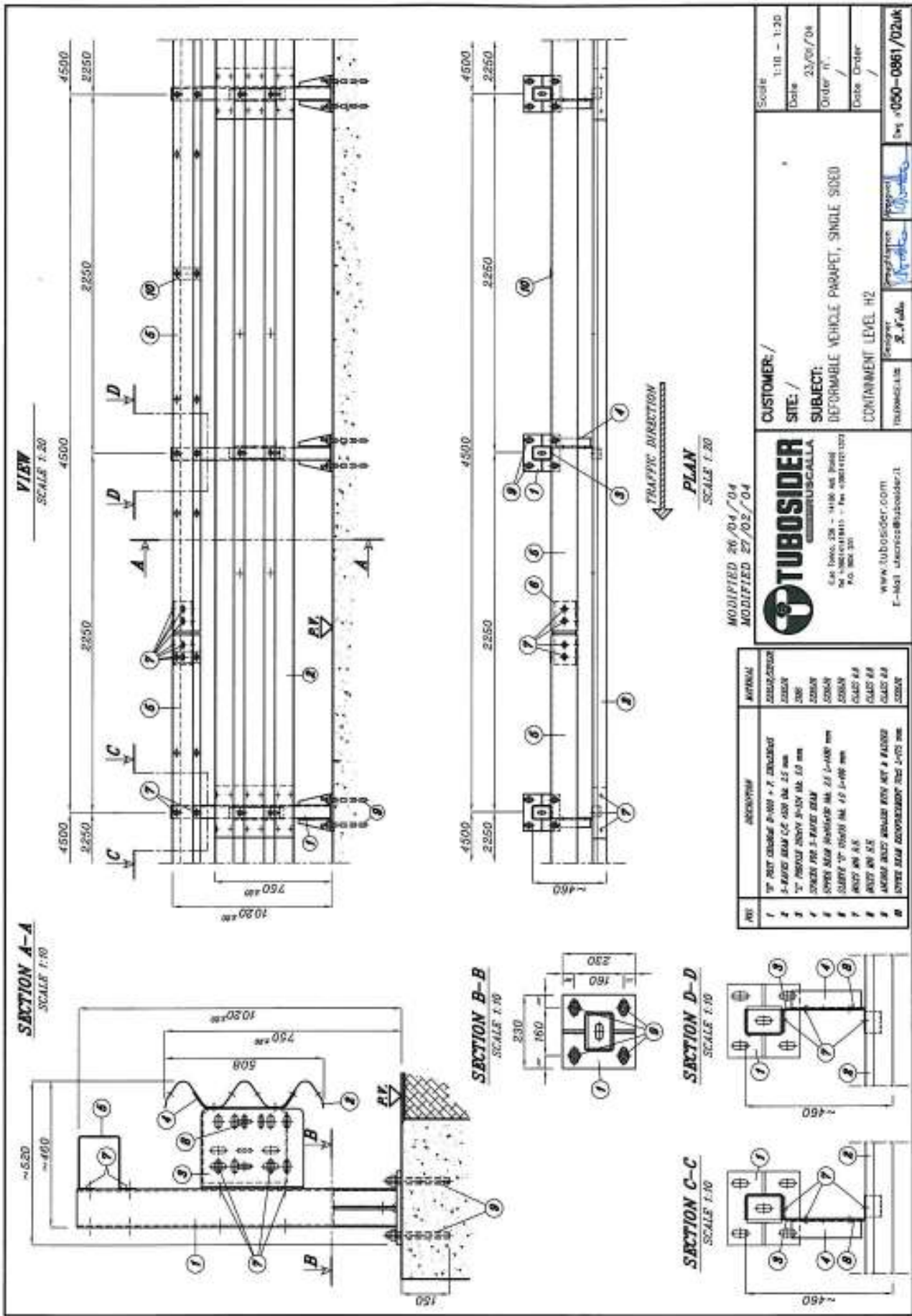
- (1) When not connected to other barriers, end sections are compulsory (both for start and end section).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger 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-80/795A	L.I.E.R. – Lyon (F)	04.03.04	Car	939	101,7	19,8°
TUB/BSI-81/796A	L.I.E.R. – Lyon (F)	05.03.04	Bus	12.630	72,1	20,0°

# Deformable vehicle parapet, single sided Containment level H2



Scale 1:10 - 1:20  
Date 23/09/04  
Order n°  
Draw Order

CUSTOMER: /  
SITE: /  
SUBJECT: DEFORMABLE VEHICLE PARAPET, SINGLE SIDED  
CONTAINMENT LEVEL H2

**TUBOSIDER**  
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DESIGNED BY: /  
CHECKED BY: /  
APPROVED BY: /  
DATE: /

NO.	DESCRIPTION	REVISION
1	1° PROGETTO	23/09/04
2	2° PROGETTO	23/09/04
3	3° PROGETTO	23/09/04
4	4° PROGETTO	23/09/04
5	5° PROGETTO	23/09/04
6	6° PROGETTO	23/09/04
7	7° PROGETTO	23/09/04
8	8° PROGETTO	23/09/04
9	9° PROGETTO	23/09/04
10	10° PROGETTO	23/09/04

MODIFIED 26/04/04  
MODIFIED 27/02/04

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