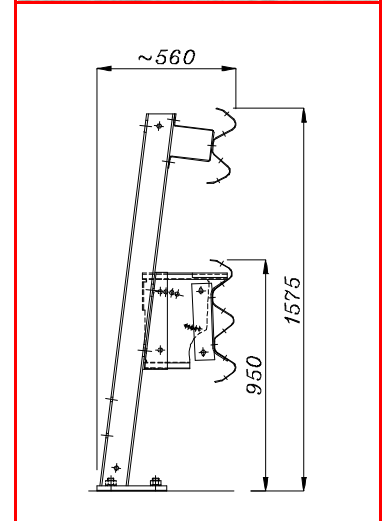


Deformable vehicle parapet, single sided Containment level H2



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| | |
|---------------------|-------------|
| Certified according | EN 1317-1/2 |
|---------------------|-------------|

| | |
|--|---------|
| Homologation according italian D.M. 223/92 | 44/2003 |
|--|---------|

CHARACTERISTICS

| | | |
|---|------|------------------------------------|
| Weight | kg/m | 52,67 |
| Height out of ground | mm | 1575 ± 20 |
| Depth of fixing | mm | - |
| Transversal overall dimensions | mm | 560 |
| Center to Center distance between posts | mm | 2250 |
| Suggested minimum lenght | m | 85,5 + end sections ⁽¹⁾ |
| Steel quality | | S235JR - S275JR |
| Galvanisation | | EN ISO 1461 |

PERFORMANCES

| | | | |
|--|------|-----------------------|---------------|
| Containment level "Lc" | kJ | 294,52 ⁽²⁾ | B |
| Acceleration Severity Index "ASI" | | 1,3 | |
| Theoretical Head Impact Velocity "THIV" | km/h | 30,0 | |
| Post-impact Head Deceleration "PHD" | g | 19,0 | |
| Working Width and Class "W" (permanent Working Width (3)) | m | Heavy vehicle | Light vehicle |
| | | 1,37 / W5 (1,27) | 0,60 / W1 |
| Maximum lateral position of the vehicle "VI" (4) | m | Heavy vehicle | Light vehicle |
| | | 1,13 | - |
| Dynamical Deflection "D" (Permanent Deflection) | m | Heavy vehicle | Light vehicle |
| | | 1,08 (0,94) | 0,30 (0,27) |
| Vehicle Cockpit Deformation Index "VCDI" | | LS0110101 | |

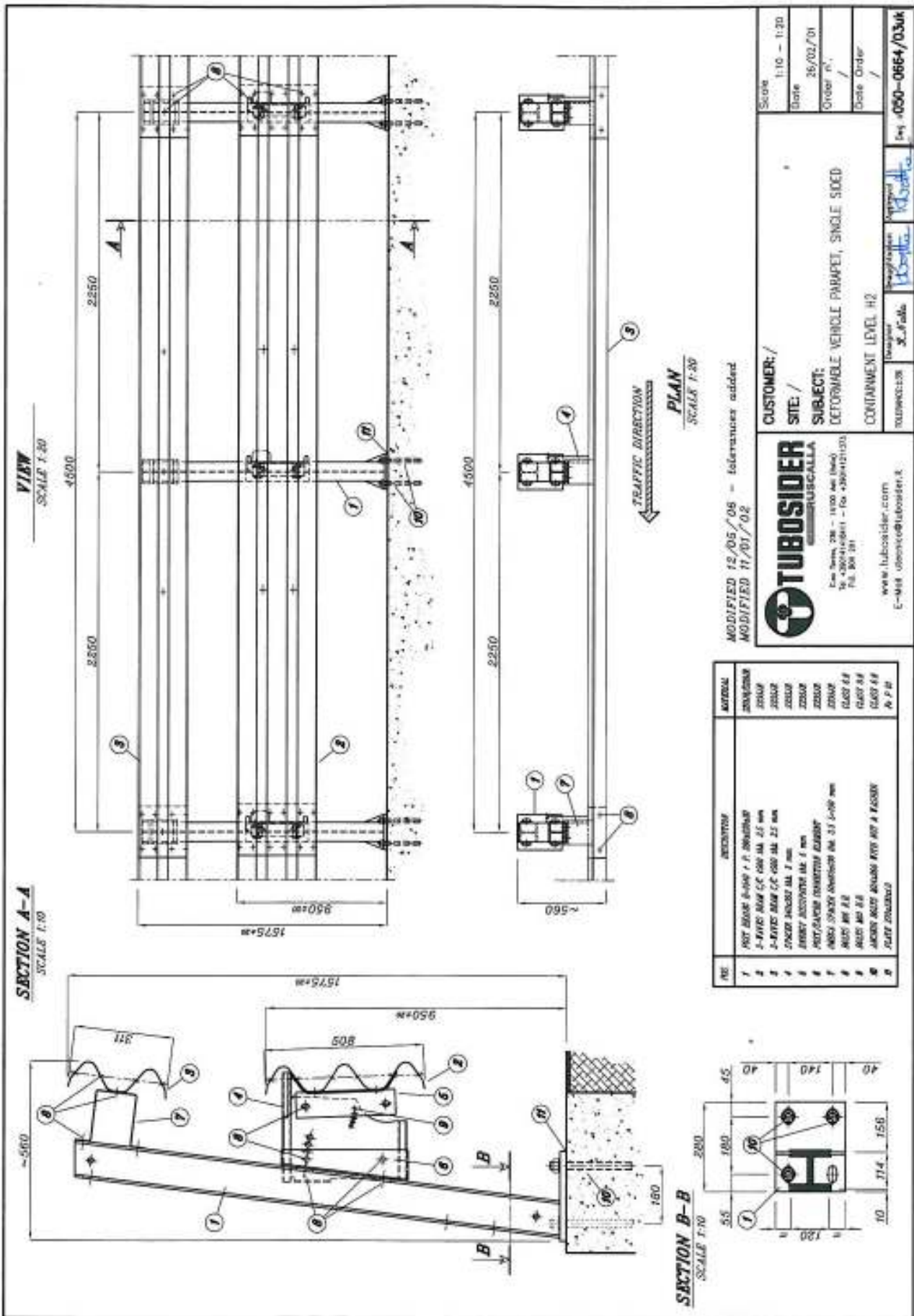
- (1) When not connected to other barriers, end sections are compulsory (both for start and end section).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger 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-70/696 | L.I.E.R. – Lyon (F) | 25.02.03 | Car | 921 | 100,7 | 19,8° |
| TUB/BSI-40/486A | L.I.E.R. – Lyon (F) | 28.02.01 | Bus | 12.690 | 71,7 | 20,0° |

Deformable vehicle parapet, single sided Containment level H2



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