

1.- Urban Aesthetic Barrier "PEU":

CE marked system designed and patented by CIDRO to be installed between the carriageway and the sidewalk or bike lane in urban settings or built-up areas with an speed limit of 50 km / h..



The PEU aims are as follows :

- A. To provide protection to VRUs** (pedestrian and cyclists) in locations which lacks restraint systems, and also whenever the existing system is not CE marked which ensures an adequate behaviour under impact of any vehicle (car and coach/bus driving at the maximum speed limit for urban setting).
- B. To restrain vehicles** and preventing them from possible falls (river or underpass) and collisions with any other roadside hazards (walls, trees, poles...).
- C. To provide protection to vehicle passengers** in case of run-off-road crashes.

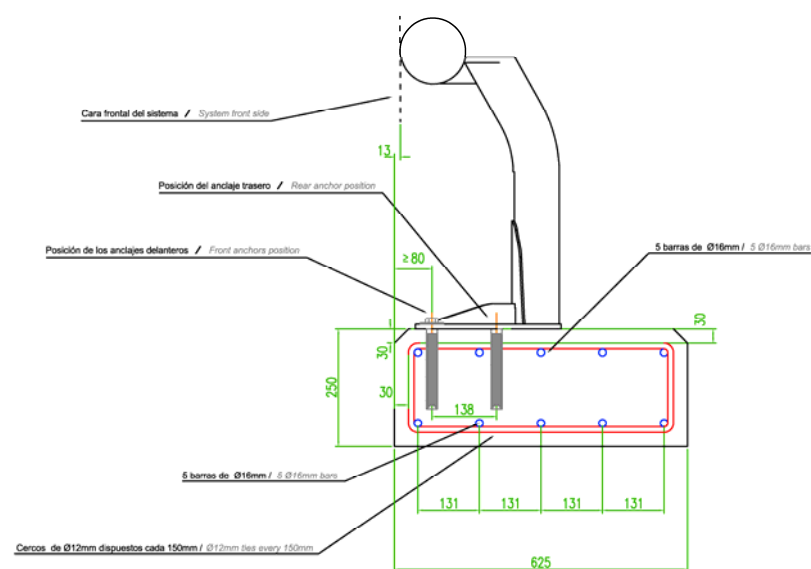
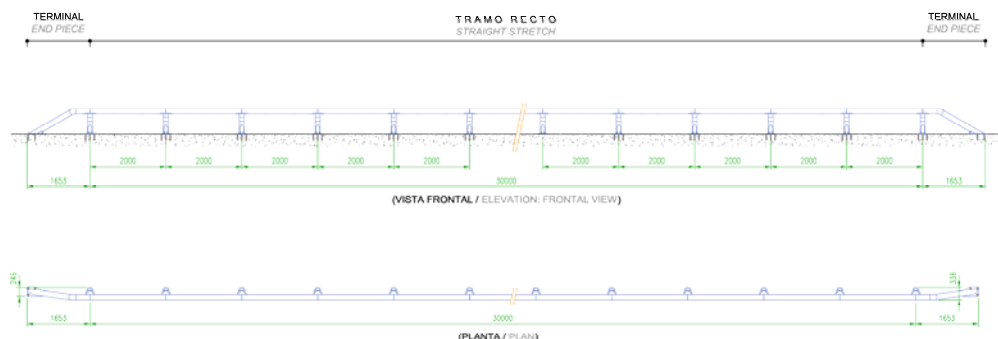
The PEU system is suitable for installation in urban bridges longer than 30 meters (according to test conditions - CE marking) as well as bike lanes, urban roundabouts, bus shelters...



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2.- DESCRIPTION, ASSEMBLY AND PLANS:

✓The PEU system comprises a number of elements in galvanized steel with lacquer coating (in different colors), which are easily fixed to the ground (slab) through chemical anchors.



3.- "PEU" features:

✓CE marking according to UNE-EN 1317-5:2008 Standard (*Road Restraint Systems*).

✓ Capable of restraining*:

- Passenger cars (Level N1: 1.500kg, 80 Km/h and
Results: W1, Severity Index A.
- Coach/Bus (13 Tn, 50 Km/h and 20°):
Results: W2, Intrusion VI2.



*Dynamic tests performed at lab certified as per UNE-EN 1317:2011 Standard (*Road Restraint Systems*).

4.- About CIDRO:

Company founded by **Fundación CIDAUT** devoted to the design of advanced technology-based systems, mainly intended for road safety and mobility.

For more information, visit our website www.cidro.es or contact us directly:

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