



**LEGENDA/LEGENDE:**

- Piese de separatie aferenta prizei de pamant  
- Connection box for earthing
- Plăbănda OL-Zn 40x4mm, montata la h=0.8m sub CTA
- Zincate plăte 40x4mm, mounted at h=0.8m under CTA
- Plăbănda OL-Zn 25x4mm
- Zincate plăte 25x4mm
- Electrozi OL-Zn 2/2", l=2.50 m, 3.00 m; montat la h=0.8m sub CTA
- Earthing rod OL-Zn 2/2", l=2.50 m, 3.00 m; mounted to h=0.8m under CTA

**NOTA / NOTE:**

Dupa realizarea prizei de pamant se va masura rezistenta de dispersie a prizei de pamant si in cazul in care nu se indeplineste conditia ca  $R_{ik} < 10$ , se vor adauga electrozi OL-Zn 2-1/2".

Priza de pamant a paratranelului va fi comuna cu priza de pamant a halei.

Centura interioara OL-Zn 25x4mm se va fixa cu ajutorul pieselor de prindere zincate, la inaltimea de 0.3 m fata de pardoseala, distanta dintre piesele de fixare va fi de maxim 0.8 m.

Carcasale tuturor receptorilor de forta, carcasale tablourilor electrice in contectele metalice, hidranti, etc), se vor lega la priza de pamant prin intermediul centurii interioare sau BEP-unilor cu conductivitate minima OL-Zn 25x4mm.

Distantele pe orizontala (aproximativ) si pe verticala (intersecții) dintre rețelele cablurilor si ale rețele, constructii sau obiecte, trebuie sa fie conform prevederilor normativului I7/2011

After creating the earthing will be measured earthing resistance of the earth ground and if not fulfilled the condition that  $R_d < 10$ , will add electrodes OL-Zn 2 1/2", l = 2.5 m until the condition is satisfied.

The lightning plate earth must be connected to the earth ground from the hall.

The interior plate earth OL-Zn 25x4mm will be fixed with insulating pieces, h=0.3m from the floor.

The earthing rods OL-Zn 25x4mm will be fixed with galvanized metal spacers, cables trays, structural strength, metal pipes (water, hydrants, etc.) will be connected to the interior plate earth through the interior earthing or BEP with appropriate conductor (MYFF 1x16mm, OL-Zn 25x4 mm).

The horizontal (proximity) and vertical (intersections) distance between the routes of the cables and other networks, constructions or objects must comply with the provisions of Norm I7/2011

**Acet plan anulează și înlocuiește planul nr. PT.03.03.26.IE.07.007 elaborat la data 01.2013.**  
**This layout plan canceled and replaced layout plan no. PT.03.03.26.IE.07.007 prepared on 01.2013.**

Verificator / Expert Checker / Expert	Comisia Requirement		Semnătura Signature
			Data Date
			01.2013
Approbat Approved	Șef de echipă Team leader	C. Teodorescu	01.2013
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Approbat Approved	Adjunct Șef de echipă Deputy Team leader	A.M. Balcu	01.2013
Proiectat Designed	Inginer Engineer	M. Ciocilhan	01.2013
<p>"Reabilitarea liniei c.f. Frontieră - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"</p> <p>"Rehabilitation of the Railway Line Border - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"</p> <p>Section 3: Guraada - Simeria</p>			
<p>Denumire desen / Drawing name: Plan priză de pământ - Hala mentenanță Deva Deva Maintenance hall - Earthing plan</p>			
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