



(figure 10 - D)

This type of residues, needs one fills with earth to be funhouse and compact in the subsoil, being its slow recycling, not allowing its reutilize, therefore they lose a series of physical properties, not allowing to play the previous functions immediately.

In the opposite the derivatives of metallic constructions, allow that the iron and derived steel are recycle, and with properties quickly similar, its original use. However it must have care in the removal of the materials derived in the demolition and its separation, taking care of that the construction in steel is coated by elements derived from the cement (to increase the resistance to fires).

## 12 - Choice of the construction materials (in view of its reutilize and recycling), impact in the life cycle:

**The construction of constructions forms an industry, that consumes a great amount of natural resources contributing for its scarcity. Occupying in the whole world a consumption of 25% of wood and 40% of aggregates.**

### **It compels to have a methodology, to invert this situation:**

- To privilege the use of not pollutant, durable materials, with low maintenance, of low incorporated energy, you recycle and you reused;
- To reduce to the extremity wastefulness, in all the phases of the constructive process;
- To prevent the resource the toxic materials;
- To use preferential material of the form region to reduce impact resultant of the transport;

### **Perspective the demolition of the building and its consequences, for saw of the management of construction residues and demolition:**

The construction of constructions is an one of the main producing sources of residues, generating amount that if approaches to the produced amounts of urban solid residues or same of not dangerous industrial residues, being in its majority constituted by derivatives of cement, remaining portions of wall of brick, hardened armed, lands and small amounts of other residues as packing, cans, glasses, wood are, being able still to include, small amounts of dangerous residues as asbestos and resins .