

STRUCTURES

POLONCEAU TRUSS ("L" profiles)

All the bars of this truss are made of a pair of "L" profiles; so that, we avoid to have moments on the nodes because of the eccentricity of the loads.

All of the joints are solved with metallic node plates, these node plates are welded to the profiles.

On the edges of this truss have been placed gussets.

These gussets support over the anchorage plates.

To avoid deformations into these gussets, some stiffeners have been welded.

This truss is calculated for a space of 4 meters and a clear span the double of this model.