

## STRUCTURES

### CONCRETE PILLAR REINFORCEMENT

This pillar receives two metallic beams and two wooden beams. They were not planned into the project, so that, we have reinforced the pillar.

We have placed into the four corners have placed "L" battenened profiles which transmit the new loads to the foundations.

On the base (invisible in this model) another L profiles share the loads to avoid punching.

On the opposite faces, we have welded, to the L profiles, some steel strips as anchorage plates.

One of the steel strips receives the metallic beam, and it welded up to  $\frac{2}{3}$  of its height. The other steel strip receives an UPN embedded profile, which works like support to the wooden beam.

Finally all the metallic elements have received a red lead primer like protection.