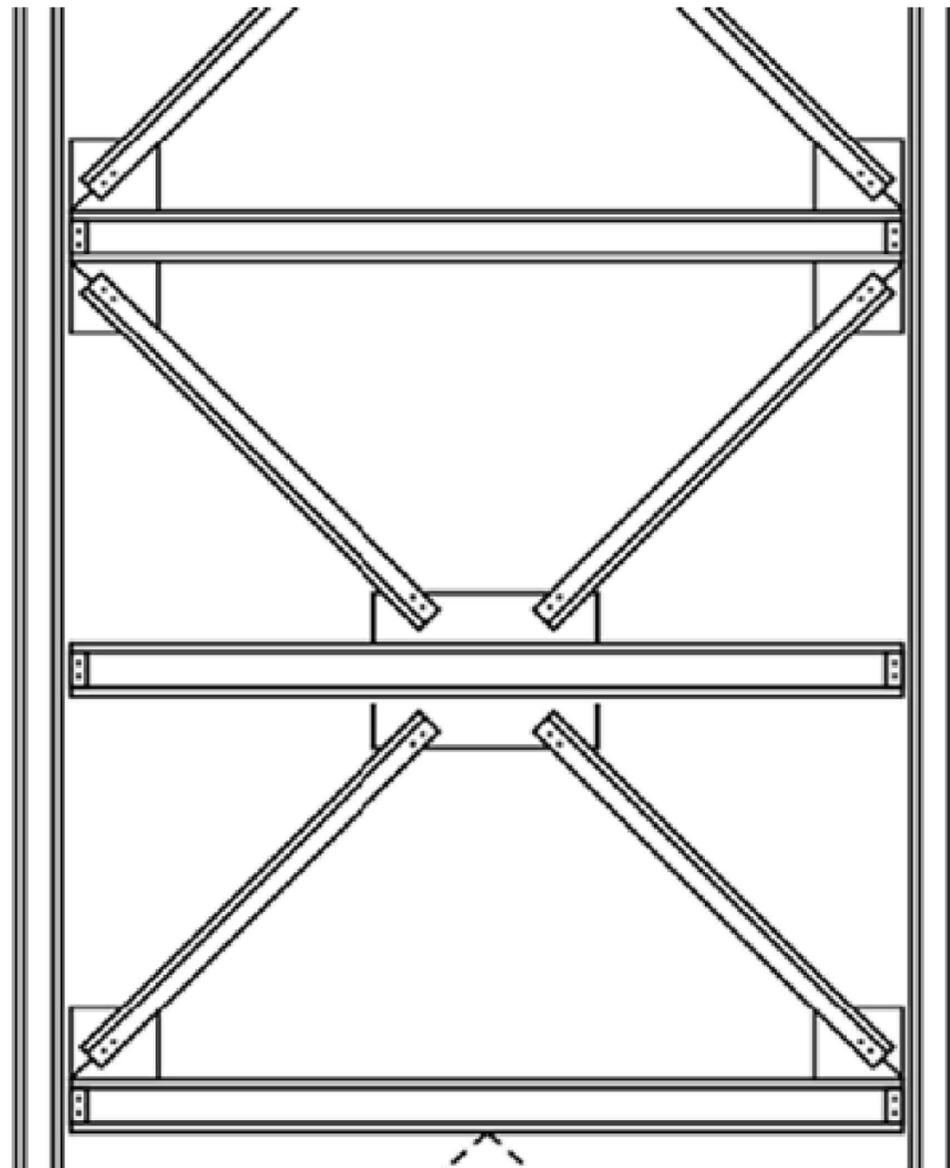


It must have participation in this system of the Flagstone (Floor), it will have to play the function stops beyond important reverse speed function resistant to vertical loads (proper weight and useful loads) function as a horizontal beam, or diaphragm, distributing the horizontal loads of the wind. In the action of the porch, we need to have rigid so that the moments of restitution of the beams exist.

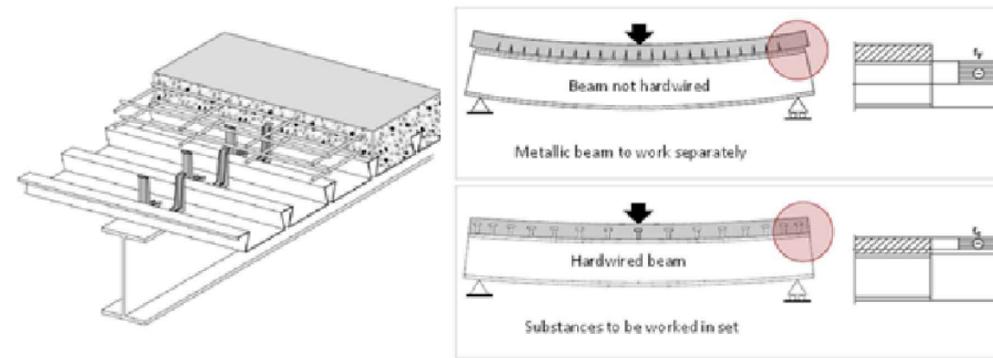
--> Not forgetting that to place the rigid, symmetrical nucleus in relation the plant of the building, reduces the twist moment caused by the wind acting in the surface of the side of is of the building. The action of this last e the action of the flagstone, functioning as a great horizontal beam in the structural system, the flagstone, to act with horizontal beams, has an important paper in the transmission of the actions for the rigid nucleus. However the use of the articulated linking, that allow to rapidity of execution and lower cost, can be used in bigger number, but they must be carried through with some rigid elements, of steel, to make the function of stability with I assist of the rigid nucleus, that guarantees stabilized of the building. In high buildings these septets hardened walls are normal mind in Framework/lattice form, that present simplify city of linking and great rigidity, (figure 10).



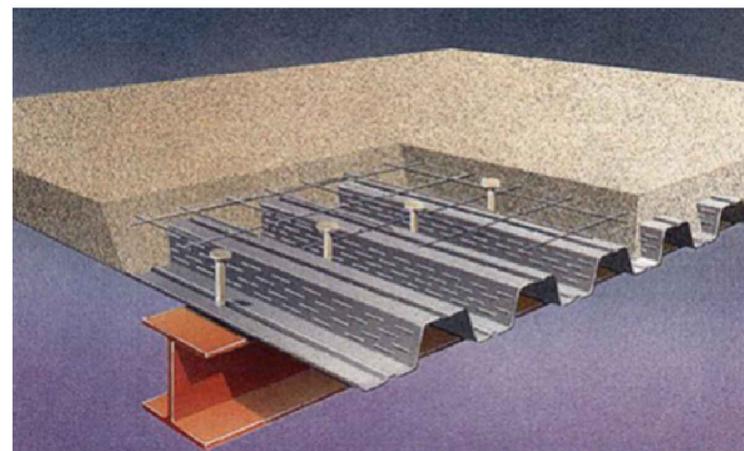
(figure 10)

To all these aspects, the characterized structure, with share of all the sources, mainly of the wind and eventual seismic movements, is supported by the existence of a water deposit in its superior extremity, that functions as against weight, to the share of these aspects, it makes possible a balance in the total functioning of the structure. Although this aspect of structural balance è more used in buildings with raised height more, the expenses with the introduction of this system allows a economy of the fatigue of the material that constitutes the structure (figure 9 - C.2), compensating in this way the lack of columns in the first floors (figure 9 - C.1 and 9 - C).

The flagstone by itself, equally will have a structural concern, this justifies the use of the connectors, the form most common is of Studweld, ou Studbolt. Where beyond the flagstone to act as element of compression in the beam, it also functions as horizontal beam, hardened for vi the steel gas, being able the set to be calculated as a mixing beam, in function of the linking between beam and flagstone made for the connectors (figure 10 - A and 10 - B).



(figure 10 - A)



(figure 10 - B)

For the exterior walls it will be of adopter the system of wall curtain, that is a external covering of a building in which the exterior walls is not-structural, but only in the direction to keep the interior climate for the occupants. Although to be not structural, that it can be made of a light material reducing construction costs. When the glass is used as the curtain wall, a great advantage is that the natural light can penetrate inside deeper of the building. The Surface of the side of is of the building or the wall curtain does not load any weight of inoperative load of the different building of its proper weight of inoperative load.

The wall transfers wind loads horizontal that are incident on of it for the structure of the main building through connections in the soil or columns of the building.