Description:
Two way column system with girders and two way slab
maximum span is 8.2 m between columns
two way slab continously supported over the girders is used as ceiling structure
girders can be designed as hidden in massive ceiling structure with lost form work from boxes
stiffening walls in both direction are used to avoid tension in the foot
whole structure is from reinforced concrete, walls can be from masonry
curtain wall is used as envelope of the whole building
max variable load is 7.5 kN/m²
dimensions of the structural members are empirically estimated