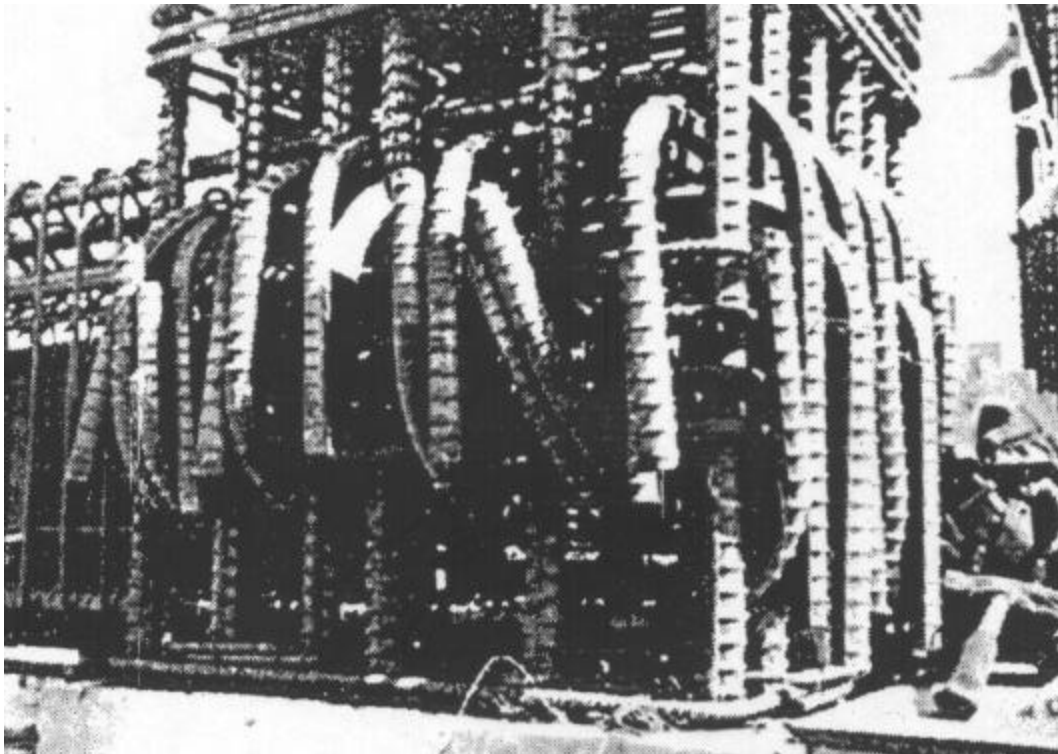


BauHPC System with BauGrid80

Professor Murat Saatcioglu, at the University of Ottawa, recently reported that for High Performance Concrete (HPC) where the compressive strength is increased from 5,000psi to 20,000psi, to maintain ductility confinement reinforcement must be increased proportionately to maintain ductility.

When conventional transverse reinforcement is specified, this 400% increase in volume caused serious rebar congestion, which inhibits the placement of the HPC. BauHPC System uses BauGrid80, which are BauGrids with minimum yield strength of 80ksi.

Since single pieces of BauGrid80 can now replace many pieces and many layers of conventional transverse reinforcement, rebar congestion will be eliminated and rapid placement of void-free HPC is possible.



Rebar congestion using standard reinforcement

