



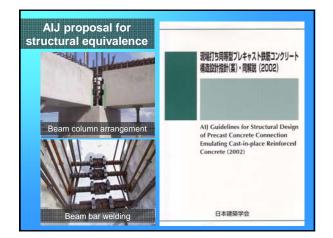


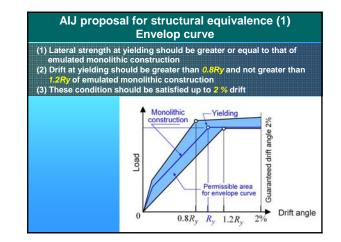


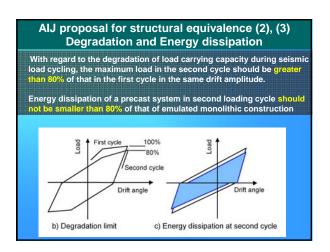
## **Precast concrete construction**

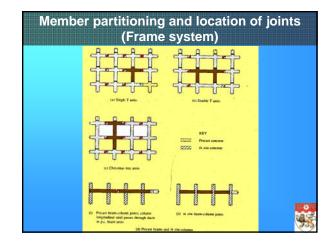
Precast reinforced concrete buildings are designed and constructed that attempt *to emulate seismic performance of cast-in-place monolithic structures.* 

- Equivalent monolithic structural behaviour is generally demonstrated by *tests on precast beamcolumn sub-assemblages.* Experimentally observed data is compared with
- Experimentally observed data is compared with that of simultaneously constructed pair specimen or with past experimental data in view of lateral stiffness, lateral strength, structural ductility and hysteretic behaviour (energy dissipation).

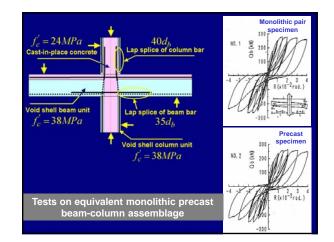


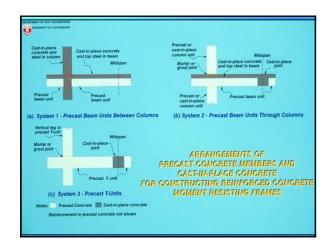


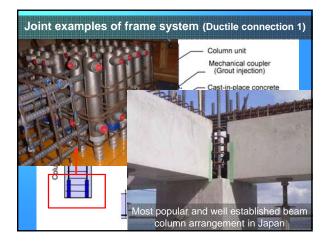


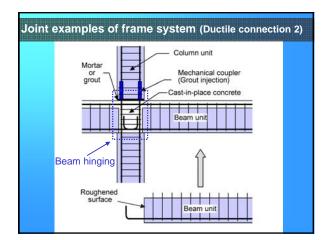


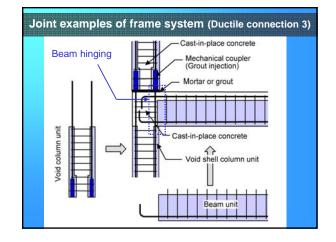


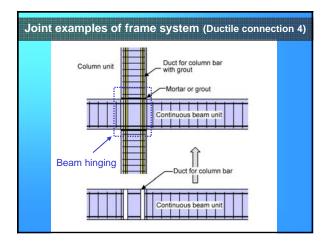


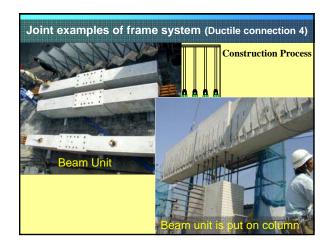


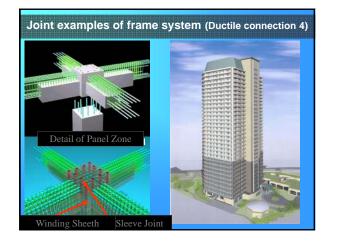












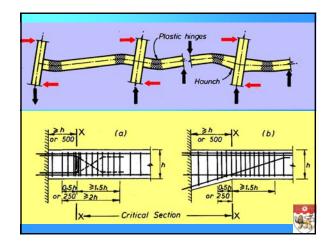






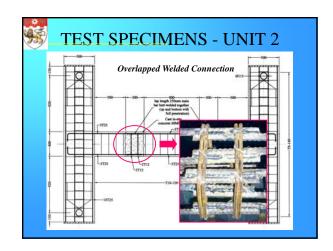


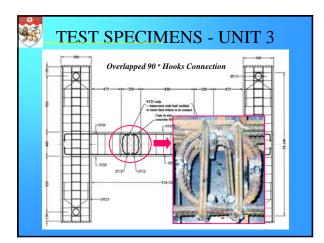


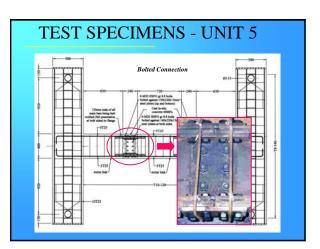


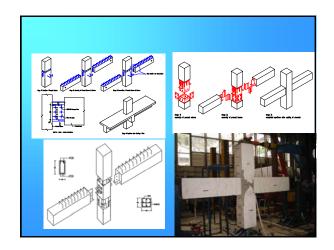


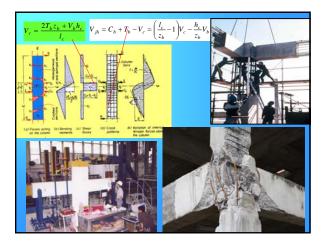


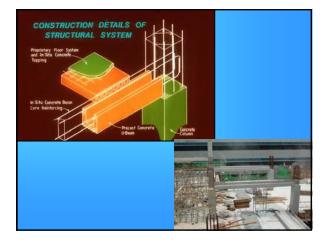


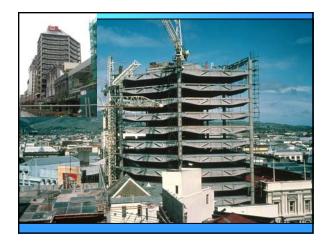










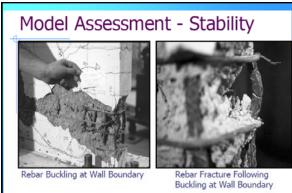




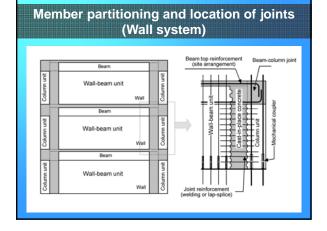


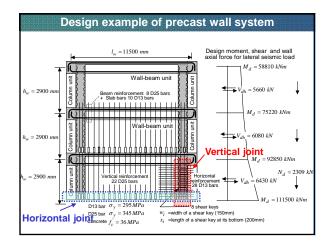


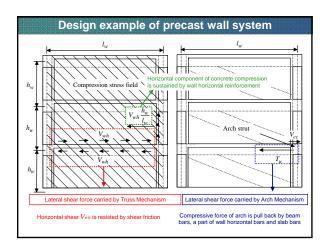




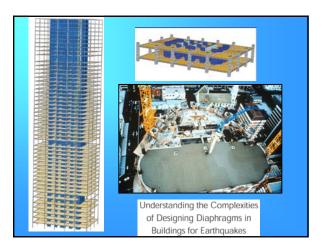
Instabilities, such as rebar buckling and lateral web buckling, and rebar fracture are typically not considered in models; therefore, engineering judgment is required. Loss of lateral-load capacity does not necessarily mean loss of axial load capacity22

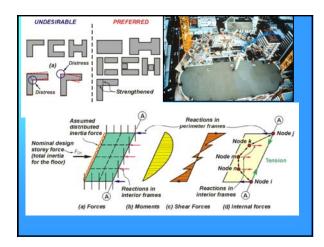


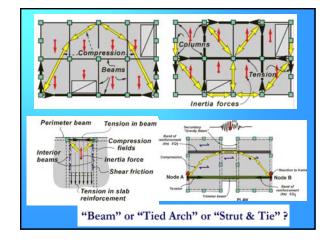


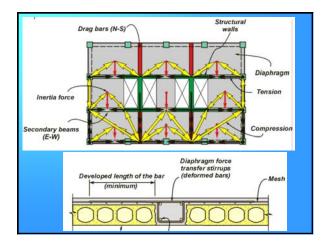


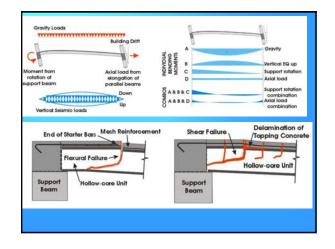




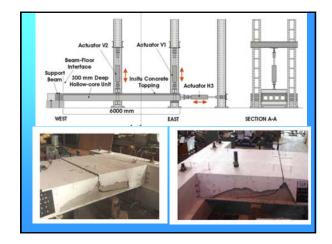




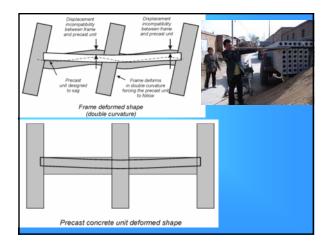


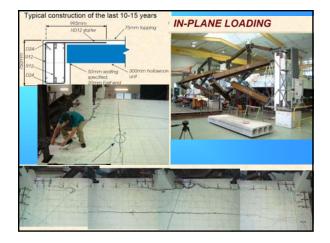




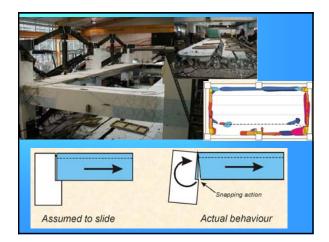


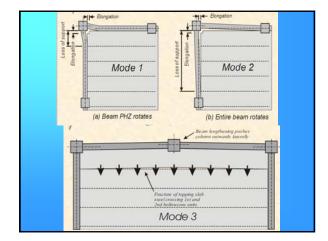


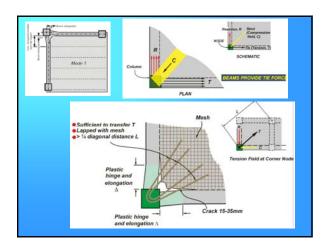


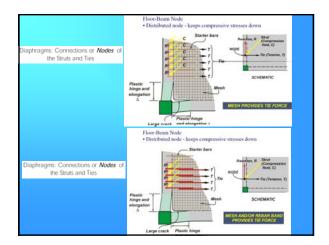














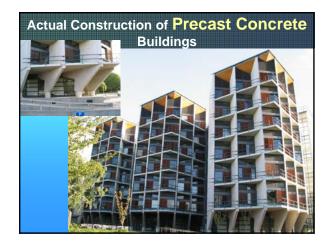




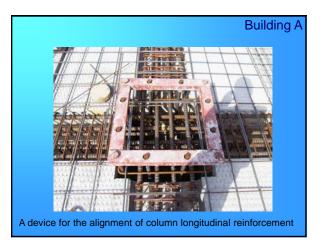










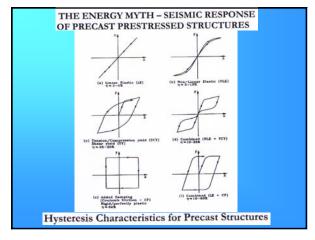


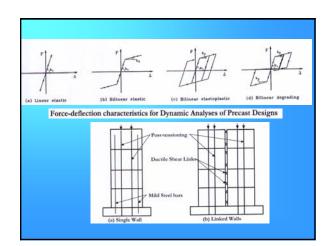


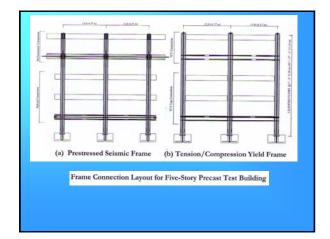


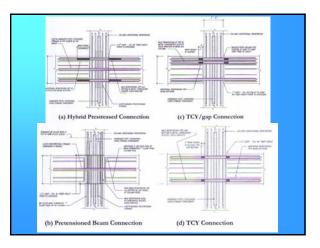




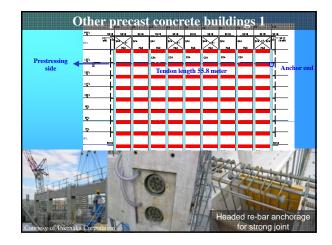










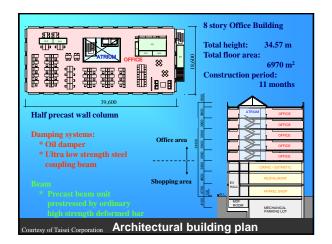


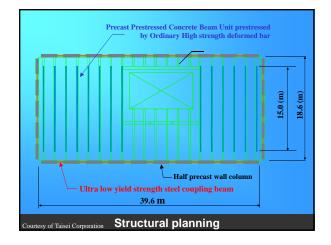


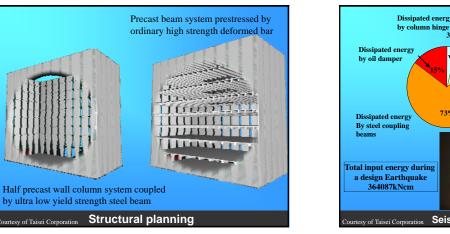


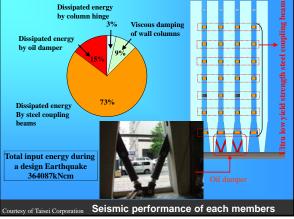










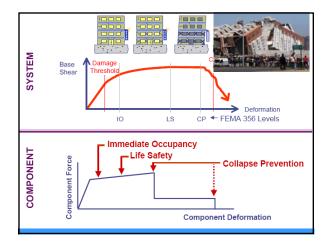


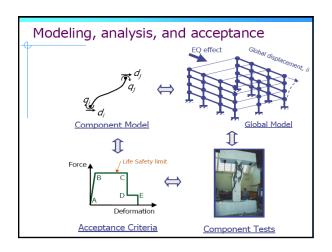






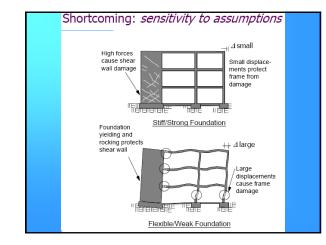




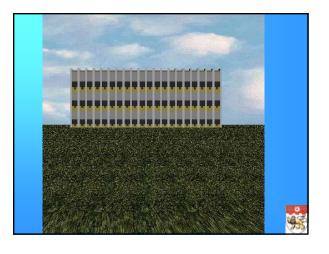




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DYNAMIC PRESSURE



We Will Not Forget 9.11.01

