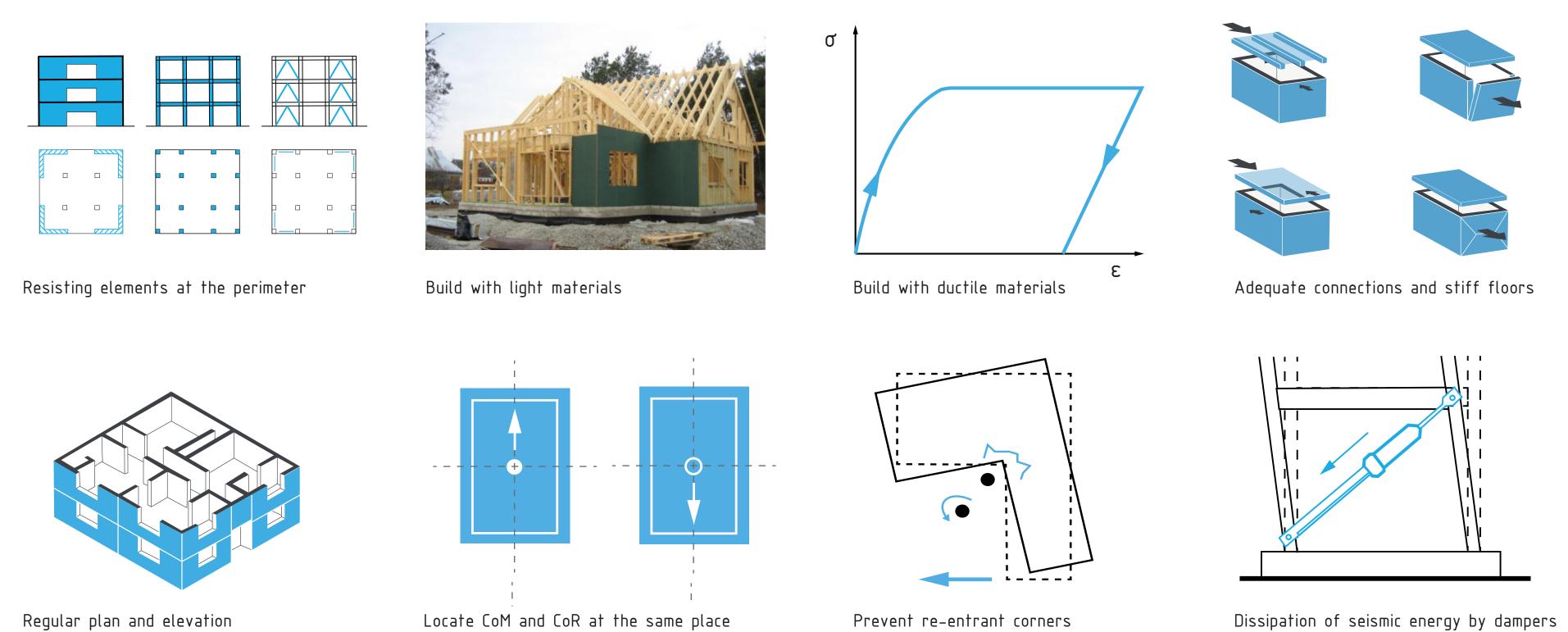
Seismic design principles 3D exploded view Secondary roof structure -Resisting elements at the perimeter — Folded plate structure allows for a more slender and lighter roof structure Primary roof structure — Regular plan and elevation _Stiff but light timber concrete composite First floor _ floor slab Ground floor -Facade -Light and flexible timber sandwhich panel cladding -Gravity force frame Post-tensioned portal frames Post-tensioned ETFE facade (plastic cushions) – light weight – flexible shear walls energy dissipation by means of sacrificial steel elements



3D exploded structural details

