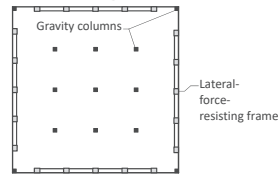
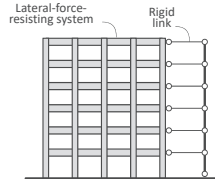


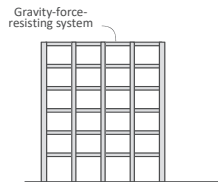
## Modeling



(a) Building plan



(b) Lateral-force-resisting model



(c) Gravity framing model

- Longitudinal reinforcement satisfies  $0.01 \leq A_{sL}/A_g \leq 0.06$ .
- Transverse reinforcement is spirals, circular hoops, or rectilinear hoops and cross-ties, designed to resist shear corresponding to  $M_{pr}$ .
- Rectilinear hoops and cross-ties engage at least corner and alternate longitudinal bars, with no unsupported bar more than 6 in. (150 mm) clear from a supported bar, and with spacing of legs  $h_t$  within cross section not exceeding 14 in. (350 mm) on center. Where  $P_u \geq 0.3A_g f'_c$  or  $f'_c \geq 10,000$  psi (70 MPa), every longitudinal bar around the perimeter of the column core shall have lateral support provided by the corner of a hoop or by a seismic hook, with  $h_t$  not exceeding 8 in. (200 mm).

