



Figure 2.1 A reinforced concrete structure in Japan designed by Kotaro Ide/ARTechnic architects. (Photograph courtesy of Nacasa & Partners Inc.)



Figure 2.2 Flat-plate structure.

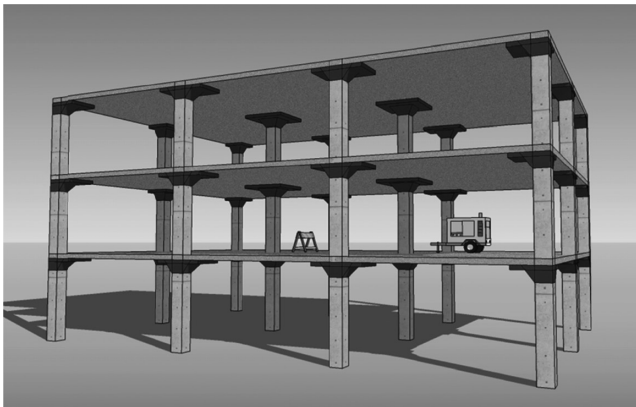


Figure 2.3 Column capitals (in dark color).

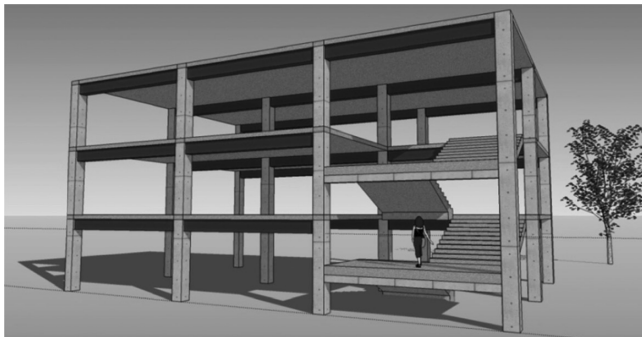


Figure 2.4 Reinforced concrete structure with beams (in darker color) in one direction.

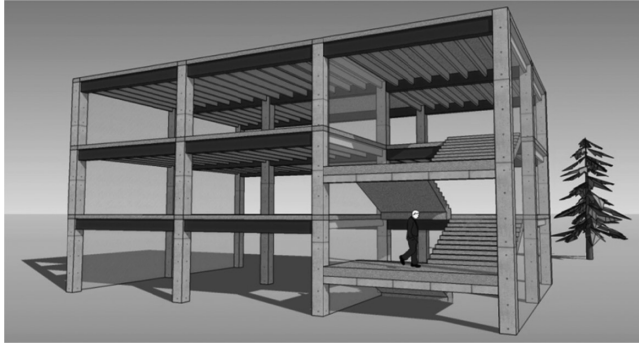
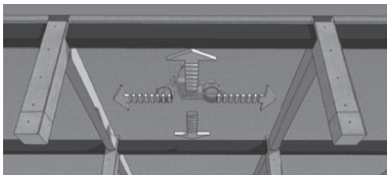


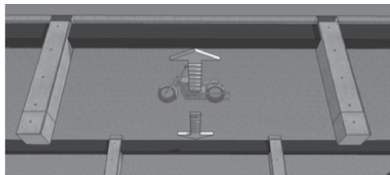
Figure 2.5 Structure with beams (in dark color) and joists (in light color).



Figure 2.6 Structure with two-way slabs.



(a)



(b)

Figure 2.7 (a) Two-way slab. (b) One-way slab.

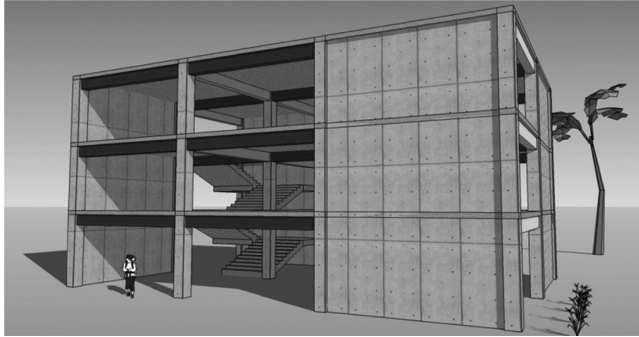


Figure 2.8 Structure with shear walls.

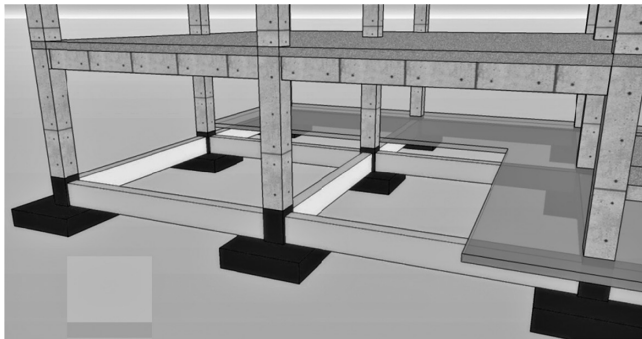


Figure 2.9 Foundation.