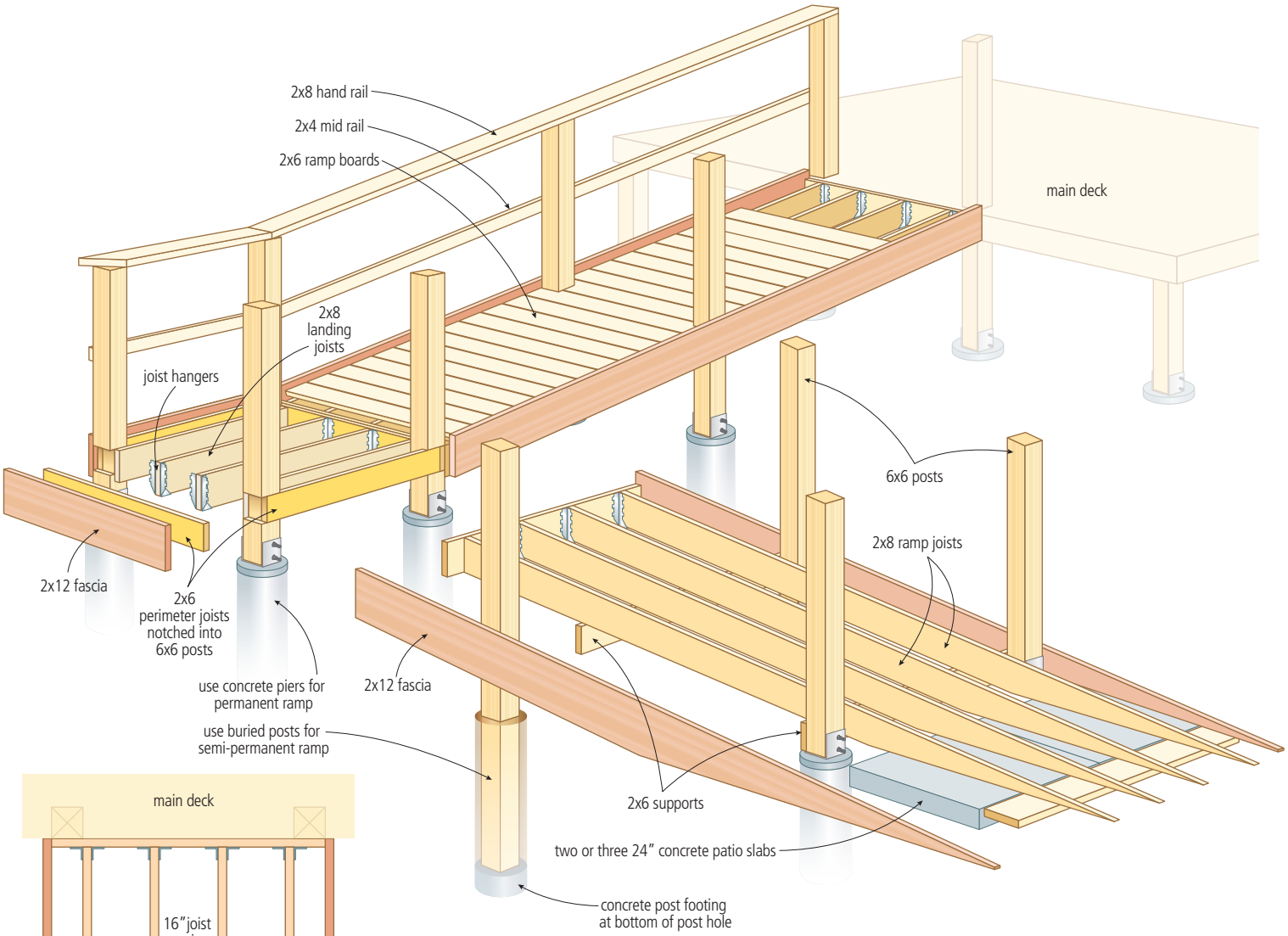
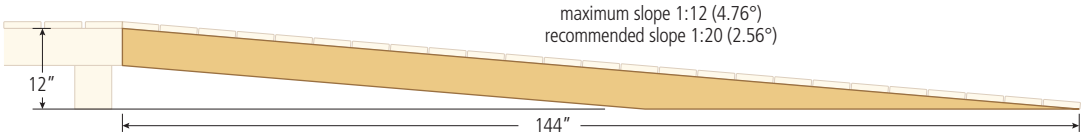
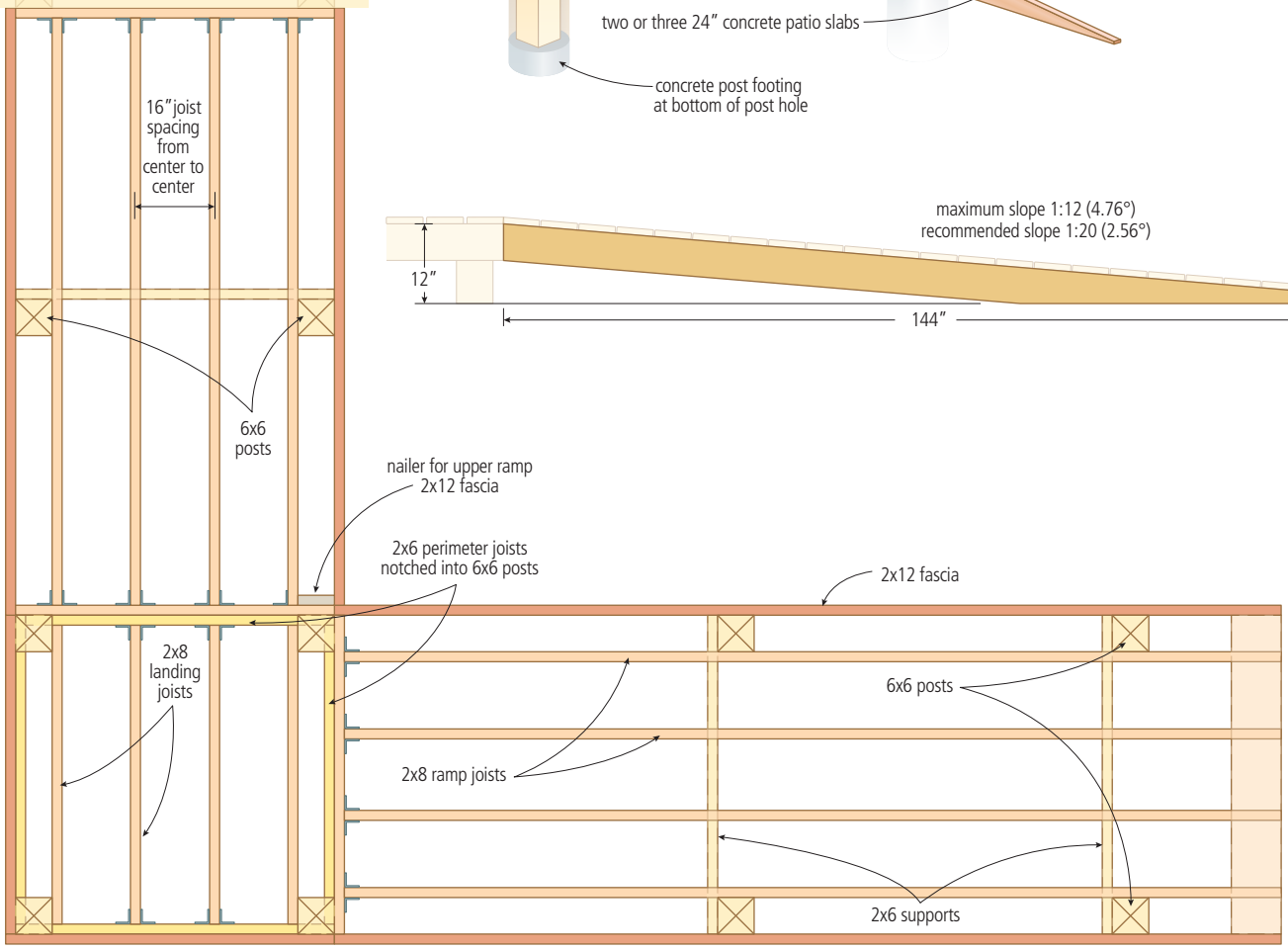

2x8 hand rail
2x4 mid rail
2x6 ramp boards
main deck
2x8
landing
joists
joist hangers
6x6 posts
2x8 ramp joists
2x12 fascia
2x6
perimeter joists
notched into
6x6 posts
use concrete piers for
permanent ramp
2x12 fascia
use buried posts for
semi-permanent ramp
2x6 supports
two or three 24″ concrete patio slabs
concrete post footing
at bottom of post hole

main deck


maximum slope 1:12 (4.76°)
recommended slope 1:20 (2.56°)
12″
144″


16″joist
spacing
from
center to
center
6x6
posts
nailer for upper ramp
2x12 fascia
2x6 perimeter joists
notched into 6x6 posts
2x12 fascia
2x8
landing
joists
6x6 posts
2x8 ramp joists
2x6 supports