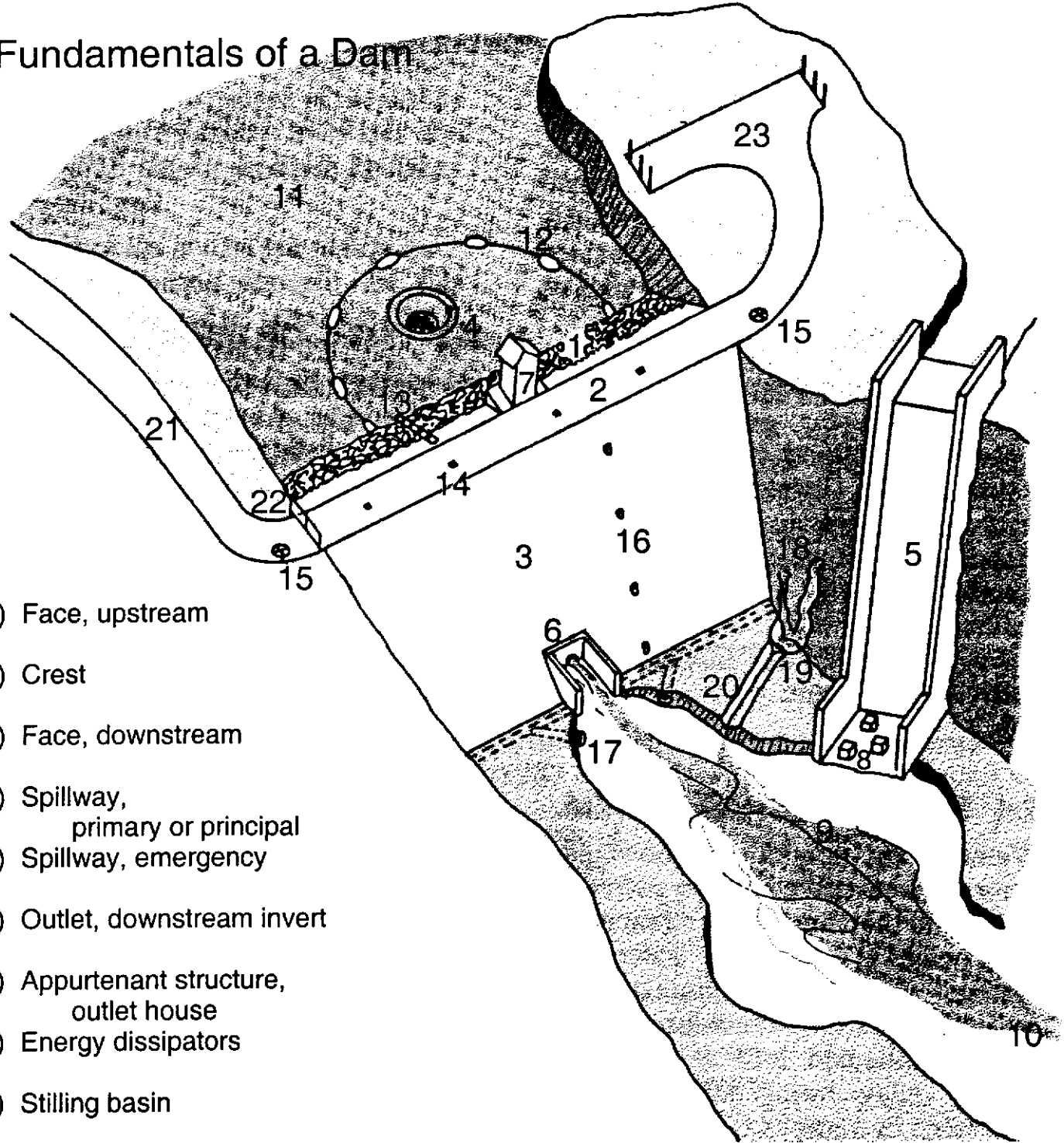


Fundamentals of a Dam



- 1) Face, upstream
- 2) Crest
- 3) Face, downstream
- 4) Spillway,
primary or principal
- 5) Spillway, emergency
- 6) Outlet, downstream invert
- 7) Appurtenant structure,
outlet house
- 8) Energy dissipators
- 9) Stilling basin
- 10) Outlet channel
- 11) Reservoir
- 12) Boom, log or safety
- 13) Staff gauge
- 14) Survey control points
- 15) Survey monuments
- 16) Piezometers

- 17) Drain conduit and outfall
- 18) Seep area
- 19) V-notch weir
- 20) Seep collection ditch
- 21) Access road
- 22) Security gate
- 23) Turn around area