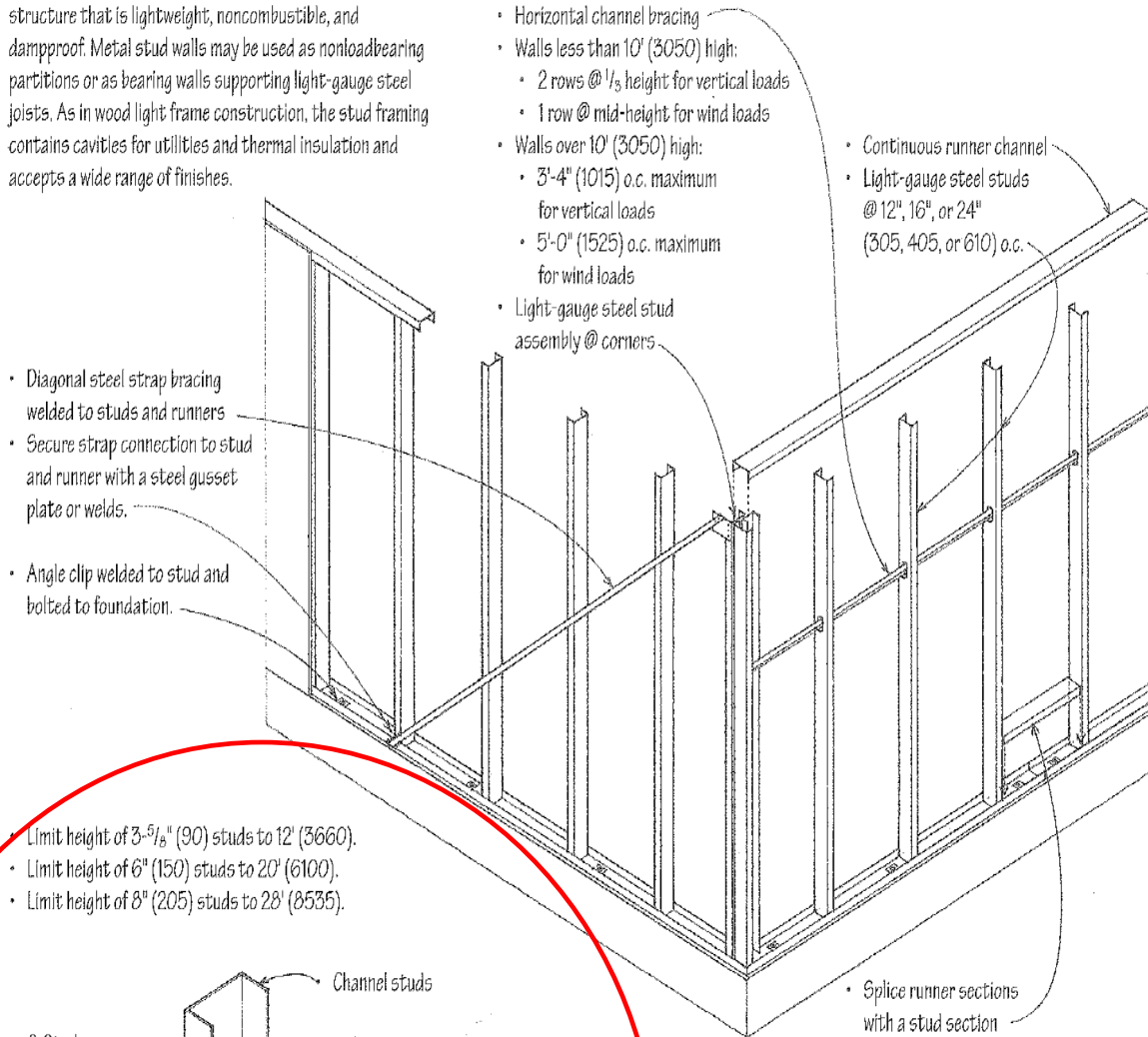
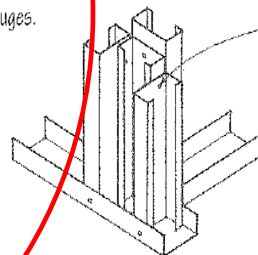
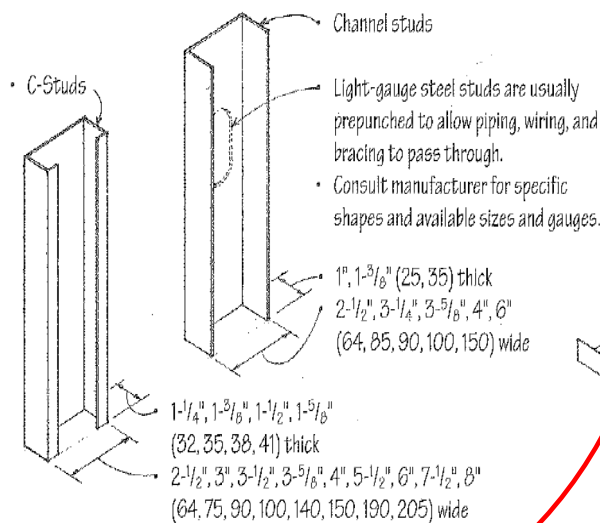


Light-gauge steel studs are manufactured by cold-forming sheet or strip steel. The cold-formed steel studs can be easily cut and assembled with simple tools into a wall structure that is lightweight, noncombustible, and dampproof. Metal stud walls may be used as nonloadbearing partitions or as bearing walls supporting light-gauge steel joists. As in wood light frame construction, the stud framing contains cavities for utilities and thermal insulation and accepts a wide range of finishes.



- Limit height of 3-5/8" (90) studs to 12' (3660).
- Limit height of 6" (150) studs to 20' (6100).
- Limit height of 8" (205) studs to 28' (8535).



- Light-gauge stud walls are framed, sheathed, insulated, and finished as in wood light frame construction.
- Connections are made with self-drilling, self-tapping screws inserted with an electric or pneumatic tool, or with pneumatically driven pins.
- See 4.23–4.25 for light-gauge joist framing.
- See 5.46 for wall sheathing and 7.42 for thermal insulation options.

