ONE-HOUR COMBUSTIBLE FLOOR-CEILING AND ROOF-CEILING ASSEMBLIES—I-JOISTS

29A—ONE-HOUR FIRE-RESISTIVE/CEILING ASSEMBLY

- Min. 23/32" T&G APA Sturd-I-Floor
- 0.019" galvanized steel hat-shaped furring channels max. 24" o.c.
- Min. 1" mineral fiber batts (6 pcf)
- Min. 9-1/4" wood I-joists spaced max. 24" o.c. with 1-1/2" x 2-1/4" flanges

For additional details, see AWC DCA 3, Assembly WIJ-1.4 (www.awc.org)

29B—ONE-HOUR FIRE-RESISTIVE FLOOR/CEILING ASSEMBLY

- Min. 23/32" T&G APA Sturd-I-Floor
- 0.019" galvanized steel resilient channels max. 16" o.c. (24" o.c. when joists max. 16" o.c.)
- Insulation OK
- Two layers 1/2" Type X gypsum wallboard taped
- Min. 9-1/2" wood I-joists spaced max. 24" o.c. with 1-5/16" x 1-1/2" flanges

For additional details, see AWC DCA 3, Assembly WIJ-1.6 (www.awc.org)