



FIGURE 5.9 *Typical Roof Overhang Construction*

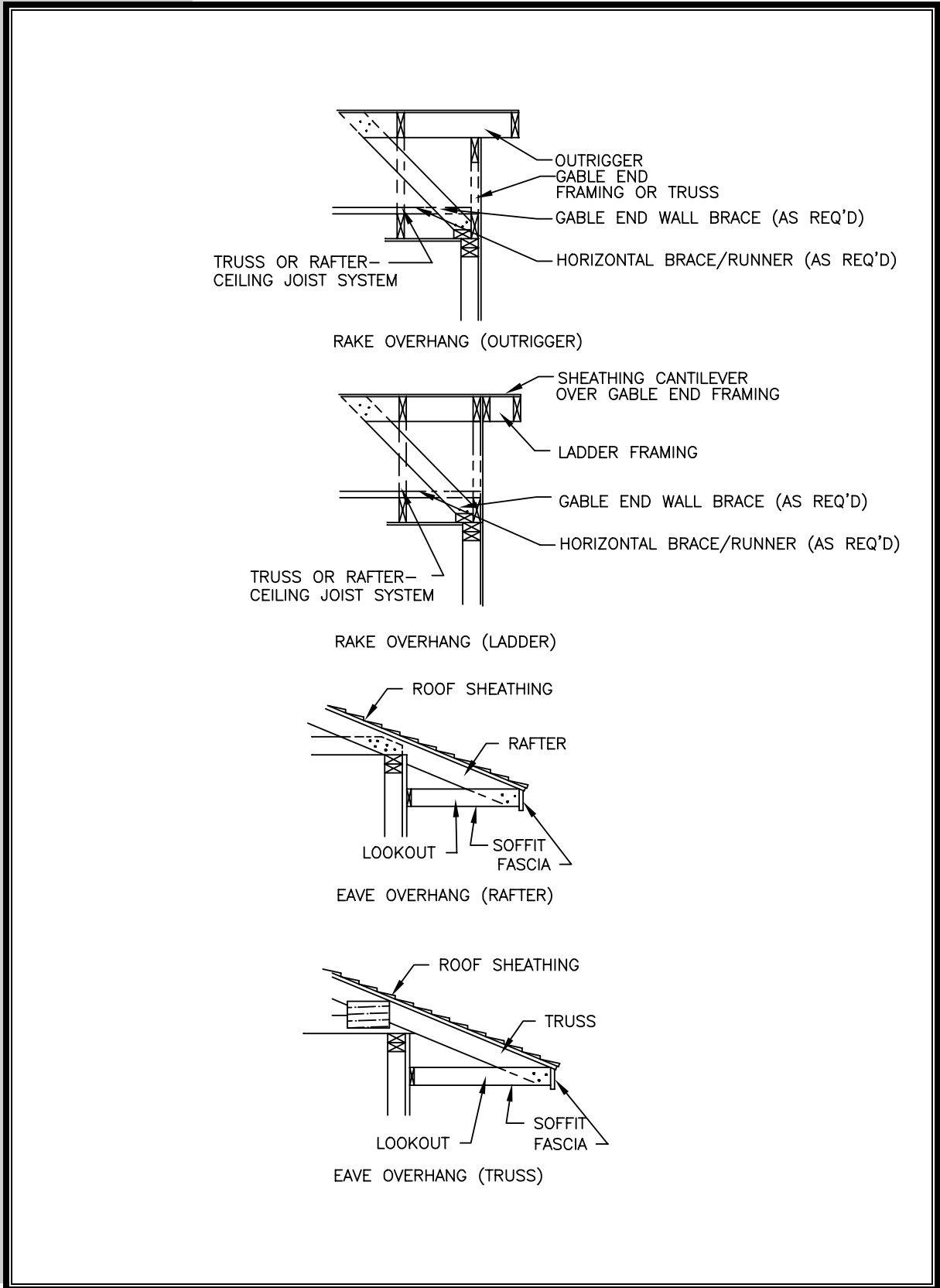




Table 5.6 may assist in dealing with the need to meet a reasonable serviceability limit for deflection (see Section 5.3.2).

Finally, as an alternative that avoids the gable-end wall bracing problem, a hip roof may be used. The hip shape is inherently more resistant to wind damage in hurricane-prone wind environments (see Chapter 1) and braces the end walls against lateral wind loads by direct attachment to rafters.

5.7 Design Examples

In this section, a number of design examples illustrate the design of various elements discussed in this chapter. The examples are intended to also provide practical advice. Therefore, the examples are embellished with numerous notes and recommendations to improve the practicality and function of various possible design solutions. They are also intended to promote the designer's creativity in arriving at the best possible solution for a particular application