



FIGURE 13.12 Multistory metal building system with moment-resisting rigid frames and open-web steel joists. (*HCI Building Systems, Inc.*)

REFERENCES

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3. *Custom-Curving of Profiled Metal Panels*, Curveline, Inc., Ontario, CA.
4. Richard Haws, "Steel Framing: The Right Choice in Residential Construction," *Architectural Specifier*, September/October 1994.
5. Juan Tondelli, "Steel Homes Slowly but Steadily Penetrating Residential Market," *Metal Architecture*, December 1993.
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REVIEW QUESTIONS

- 1 Which metal panel types are most suitable for curving?
- 2 What are the main advantages of multistory metal building systems?
- 3 How is the cantilevered canopy made? Along which edge of the building can it be logically constructed?



FIGURE 13.13 Details of exterior rigid frame shown in Fig. 13.12. (*HCI Building Systems, Inc.*)

- 4 List some of the concerns with specifying parapets for metal buildings located in snow regions.
- 5 What simple steps can be taken to avoid ponding around plugged interior gutters?