



Celtic Health Care Headquarters, Adams Township, Pa.

People architect, RSH Architects, Pittsburgh, and roofing contractor, West-More Roofing Inc., Greensburg, Pa.

Products IMETCO, Tucker, Ga., manufactured nearly 6,000 square feet (557 m²) of Snap-Lok standing-seam roofing in cadet gray; CF-12 fascia panels and matching snow guards; and 3,000 square feet (279 m²) of SP-120 soffit in sandstone.

Fine Points Special concerns about snow management at all pedestrian areas dictated the use of snow guards, which became an integrated, noninvasive part of the monolithic roof assembly. IMETCO's engineering team assisted with proper placement of the snow guards by conducting load calculations and developing installation patterns to properly manage a ground snow load of 25 pounds per square foot (122 kg per m²). In lieu of a trim assembly at the parapet transition, the wall panel features stiffening beads at 4 inches (102 mm) on center to ensure the roofing seams and soffit joints align.



HCR Manorcare, Marietta, Ga.

People metal installer, Marion Roofing, Marietta

Products About 55,000 square feet (5110 m²) of 16-inch (406-mm) R-Mer Span 22-gauge structural standing-seam roof panels in dark sage was installed. The panels were manufactured by The Garland Co. Inc., Cleveland.

Fine Points When the building's asphalt-shingle roof prematurely failed, it was determined the structural plywood sheathing of the deck beneath had been insufficient to carry the structural load. The facility decided to use metal roofing to solve the problem. Choosing metal allowed installation to occur without relocating the facility's elderly residents, many of whom are infirm or handicapped. Garland Engineering Services analyzed the wind uplift/negative wind pressure and structural considerations. It also provided metal panel width, clip spacing and metal-gauge designs; professional engineer-stamped shop drawings, specifications and details; and a complete project manual for the HCR Manorcare team.

