

CitiRoof Corp Dome Roof Installation, Annapolis, MD, July 2008  
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Dome roofs, destined for placement 150' high, are assembled on the ground to help maximize safety and speed assembly time. Three domes are each 37' 9" in diameter.



Domes are assembled one panel at a time, with a crew of 3 or 4, depending on dome size.



Workers tighten fasteners from the inside. No workers are exposed to working on the exterior.



A finished dome is loaded on a flatbed truck for delivery to the nearby lift site.



The dome is supported with structural steel reinforcement on the inside, engineered to withstand 90 mph winds, as well as transport to the site. No highway travel was required in this installation.



One of three domes en route to the lift site, about 1/4 mile away from the assembly site.



The structure is complete, ready for the dome to be placed.

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The domes weigh 4,200 pounds each. In terms of crane lifting, this represents a relatively light load.



A dome is lifted by crane from the truck, on its way to the roof structure. The domes were tested for wind resistance, and found to be very aerodynamic, and not susceptible to minor swirling winds.



An ironworker, with full fall protection, guides the crane operator by 2-way radio.



One of the three domes settling into position.



One of three structures where a 37' 9" Lancaster Dome was placed atop the new condominium building.



The dome in place. Each dome is finished with concrete cornice work, somewhat like crown molding.



The domes are visible from a nearby major highway, and will be an Annapolis landmark for many years to come, as they sit atop the new condominium building.