



On Island Time

Located in the aqua blue waters of the western Caribbean, are a trio of islands known as the Cayman Islands. A beautiful location for an island getaway is the largest island, Grand Cayman, with its Seven Mile Beach and many opportunities for sport fishing and diving. When we think about places like this, we think of palm trees, white sandy beaches, and blue skies with puffy white clouds. What we don't think about, are the many buildings, with metal roofs, and why those metal roofs do exceptionally well when hurricane force winds blow across the island.



Precision Industries Cayman LTD, located in the city of Georgetown, on Grand Cayman was called in to do a metal roof retrofit for one of their customers. The main criteria of the job, was to make sure the new metal roof could withstand the strong winds of most hurricanes. Being familiar with metal roof retrofits, Precision knew who the "Go to sources" for this job would be Atas International for the coil to roll form the new roof panels on site, and Roof Hugger LLC, for the framing system to properly support that new roof.

With the building having an original 24" trapezoidal standing seam roof on top, they would need to use the Roof Hugger 4.5" tall Model-D sub-purlins, which would be structurally attached to each existing purlin, through the existing panel.

To ensure that the new .040 aluminum, 16" o.c. vertical rib 2" standing seam panel attached with ASMI stainless steel clips, can fend off Industries added



system which allows for tighter clip spacing in the most vulnerable zones of the roof. That system consists of hat sub-rafters installed from purlin to purlin, at 2 ft o.c. spacing, and then the hat sub-purlins attached on top, running parallel with the eave to create clip attachments every 2'-6" in each corner of the building.



the strongest of winds, Precision the Roof Hugger hat over hat corner grid

-ROOF HUGGER-™



Finished Roof Ridge



Finished Roof

With all the right parts in place, this building in a tropical island paradise, is now ready to face the next hurricane

Visit us at www.roofhugger.com