



# DOME STRUCTURAL ENGINEERS



## Strategic design. Distinctive results.

### **Residence methodically designed and built on wetlands.**

Building a new home can be one of the most exciting and rewarding undertakings in life. But when the major part of the home site's lot is covered with a wetland, it can be challenging as well. Dome Designers, Inc.'s approach is methodical and environmentally conscious in building a sound, aesthetically-pleasing home for our clients. This home was no exception to our high standards.

First, the site was cleared from invasive species and replaced with native wetland tall grass and plantation. Permanent shelters were set aside to provide the wetland wild life a natural habitat and maintain a sustainable exterior.

## Uncompromising performance.

### **Floor plan complements landscape.**

The buildable footprint of the house was so small that the house had to be designed in multiple levels with garages located on the lower level and accessed from a walk-out party room. The main entrance is on the upper floor, which is accessed from the street.

In order to maximize the view and let the natural landscape flow within the living environment, the floor plan was shaped after an open hand with each finger representing a space surrounded by multiple balconies. This distinctive style creates views that showcase the nature a few steps outside.

Natural ventilation is provided by screened windows. Multiple heating/cooling units enable for acute temperature control and energy savings.

Cedar siding in a cinnamon color and green window frames, visible from a distance, create a sharp but pleasant contrast with the surrounding wetland. Angular windows, some of which overlook a pond, follow the roof line and are complemented by a chimney that runs the full height of the building. The combination of stone, brick and cedar siding produce a warm environment, adding to the bucolic image of the home and beautiful location.

## Your single-source solution.

Contact us [[Contact Us link](#)] to learn more about this project and to see how we can help with your project.