First Hayward Healthy Home

Our requirements:

- Build to the Hayward Healthy Home standard so that Adriana and I, along with our five children, can heal and thrive.
- Architecturally beautiful in the classical sense while also achieving the highest level of energy efficiency without design sacrifice.
- Interiors to complement our 18th Century Furniture.
- Achieve Net Zero and 50% FSC-Certified.
- Passive House Certified.
We chose Stocker & Allaire to design the house, work out the Passive House details, build the foundation and do all the on-site finish work.

We selected Prudence Ferreira of Integral Impact as the Passive House Consultant.

We chose Moderna Homes to build the house off-site in a warehouse so as not to expose any of the material to moisture during construction and to shorten the building process by 35%.
Bill Hayward on-site at Ocean Avenue and Carmelo Street

Homes Can Make You Feel Better and Improve Your Health

The First Hayward Healthy Home Coming Soon to Carmelo in Carmel
- Assembled in February
- Completed in June
- Tours coming this summer

For more information, please contact Carl Grimes:
831-754-3360 or cgrimes@haywardhealthyhome.com

www.haywardhealthyhome.com
The FIRST Hayward Healthy Home
Foundation ready to receive finished modules
Early framing in the warehouse
Early framing in the warehouse
Bedroom in framing stage
Exterior wall installation
Modules in the warehouse with taped roof decking for airtightness
Interior insulation being added
Adriana Hayward viewing her new home
always around you
Zehnder Comfosystem flexible ducting being installed
Bill Hayward on top of the project
Sheetrock Sanding
Tile applied in master shower
Hayward Healthy Home

- Prosoco applied around windows, door and walls for moisture and air barrier
Zehnder for air management

- One System for the house and one for the closed crawl space and garage.
- Zehnder
  - The only system that is completely silent
  - 92% Efficient which means that the differential in temperature of the incoming air is negligible such that the house never feels drafty.
  - Operates on the equivalent of a 40 watt light bulb
  - Insures healthy, continuous fresh air
  - Click here to view the Zehnder video
Although a Passive House needs very little heating and cooling, this house uses Zehnder sheetrock panels in the ceiling. These have small tubes embedded that move 90 degree water for heating or 56 degree water for cooling through the panels.

- Response time is 15 minutes to change temperature.
- Comfort level is unparalleled.
- Works in coordination with the Zehnder ERV which is also able to dehumidify as needed.
Zinc Roof for night dew and fog capture

- A zinc roof has been used because zinc has the appropriate properties to lose its heat into the night sky thus dropping below the typical dew point in Carmel.
- 5,000 Gallon Storage Tank.
- We are hoping to capture enough moisture from rain, dew and fog to handle the annual landscape water requirement.
Unilux Window

- Passive House Certified
- High Energy Efficiency .25 u-factor
- Architecturally beautiful
March 10th and 11th…Early morning arrival at dawn. Carmelo Street is still sleeping while Hayward is busy bringing in the first modules.
The first module goes into place

- A huge crane carefully places the first section
Second Module is lowered into place

- Actually comes over the first section via a huge crane and is placed behind.
Then one of the top sections is placed

- Very carefully
Another section is airlifted
Half of the home is now secured on the foundation
The majority of the tile arrived with the home (walls and floor)
One of the last sections to go in
Center and backyard of the home
“Finished” Product
Assembly schedule

- House was assembled in Carmel on March 10th and 11th.
- Assembly was delayed two weeks due to rain (we can’t complain, we really needed the rain).
- The house should be completed by July.
- Total build time will be approximately nine months.