

WHAT IS COMPONENT CONSTRUCTION?

Presented by NorthPointe Construction, serving homebuyers in the Greater Madison, WI area



Definition of Component Construction

Component Construction builds homes according to local building codes using traditional framing details. Components are built in a factory as roof trusses, wall panels and floor panels. The components are transported to the job site where they are assembled into place with a crane. Completion of the exterior and interior of the home is done at the job site.

Stick Built vs. Component

Stick Built Construction refers to the construction method where the home is built completely at the jobsite stick by stick. Today few homes are built completely as Stick Built Construction because most homes actually use components that are built in a factory such as roof trusses, windows, pre-hung doors and cabinets. Component Construction just continues the trend by building walls and floors as components, while still maintaining the beauty and creative design flexibility of old-fashioned Stick Built.

Both Component and Stick Built Construction follow the same local building code and use the same traditional framing details. Component Construction builds inside in a controlled environment, on specialized equipment with all of the materials

within easy reach. Stick Built Construction builds outside on the ground in all types of weather and has to work with material wherever the lumberyard dumps it.

Benefits of Component Construction

- **Cost Savings**
 - The builder is better able to control costs for the homeowner
 - Homes are built in a controlled environment minimizing weather damage and theft at the jobsite
- **Time Savings**
 - Homes are framed in faster.
 - Site prep happens at the same time the components are being built.
- **Energy Savings**
 - Because components are engineered and built using specialized state of the art machinery, homes are especially energy efficient.

How the Process Works



The building process begins by engineering the home on a 3D computer system. Engineers analyze the home to make sure it is structurally sound.



Components are built as floor panels, wall panels and roof trusses in our state of the art production facilities. The 3D engineering system interfaces with computer controlled saws to accurately and efficiently cut material. Specialized equipment is used to build the components in a quality and efficient manner. And the best part is that the components are built indoors in a controlled environment which minimizes weather damage and jobsite theft.



Components are loaded onto trucks and delivered to the jobsite. A typical home is delivered on three loads.



At the jobsite, NorthPointe Construction puts in the foundation and supervises a crew that assembles the components onto the foundation using a crane. The crew generally completes all of the framing in 2-5 days depending on the size of the home.



Exterior completion material such as siding and shingles are delivered with the framing components. NorthPointe coordinates the installation of these materials after framing is complete.



On the inside of the home, NorthPointe coordinates plumbers, electricians, Insulating contractors, sheetrock hangers and drywallers.



Once drywalling is complete, the remaining interior completion materials such as cabinets, countertops, interior doors and trim are delivered. NorthPointe Construction coordinates the installation of these materials and the finishing of your brand new home.



Welcome home! Your beautiful new home is ready for you to move in, unpack and begin your new tomorrows.



To learn more about the benefits of Component Construction, Green Building, and Custom New Homes in the Greater Madison, Wisconsin, area, contact NorthPointe Construction.

Visit www.NorthPointeConstruction.com for informative articles, home plans, photos and more.



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