

Modular Building Construction

CHANGING
THE WAY THE WORLD
BUILDS
GREENER.
FASTER.
SMARTER.™



Any Size Building Can Be Constructed In A Modular Factory



Should we consider modular
construction for the new Chatham
Fire Headquarters???

What is Modular Construction?

Simply, A Better Way To Build

- A custom designed building that is pre-built in a quality controlled indoor environment
- Engineered just like a high quality site built structure
- Delivered to a jobsite, pre-built in sections and set on a foundation
- **Faster, Better, Lower Cost, Lower Risk**



I'd like to share with you how a modular building is created in a factory...

[Video](#)



8 Good Reasons To Consider Modular For The Chatham Fire Headquarters

1. Faster Construction Time

- Construction time is often less than half that of a site built building
- The foundation and site work will be completed while the building is being constructed in the factory



2. Faster On Site Completion

- Most homes set in 1 or 2 days – commercial buildings take longer depending on size
- Reduced risk of time delays due to weather or unreliable subs



3. Greater Structural Integrity

- Modular buildings are strong enough to be lifted by cranes and set onto the foundation
- Sheetrock, subflooring and sheathing are glued and fastened for extraordinary strength



4. Materials Weather Protected

Controlled environment protects materials from the weather

- Avoids mold
- Avoids warping and twisting
- Avoids schedule delays



Modular Home, Day 2

5. Cost Savings With Modular

- Bulk purchasing of materials reduces cost
- Labor costs are much more strictly controlled
- The cost for waste removal is substantially reduced
- Lower construction financing costs due to shorter construction period



6. Predictable Costs Reduce Risk

- Costs are carefully evaluated and controlled
- No expected change orders or risky open ended allowances
- Guaranteed fixed price



7. More Environmentally Friendly

- Less waste of materials
- Dry wall, paper, metal, wood scrap recycled.
- Less fuel consumption due to volume material delivery



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8. Greater Quality & Process Control

- Built in a controlled environment
- Quality control verified at every point in the process
- 3rd Party oversight
 - Of process
 - Of building plans
 - Of each module
- Trained dependable employees



Economic Benefits Of Modular

- Initial Cost Savings
- Consistent Quality Control
- Faster Move In
- Lower Carrying Costs/Construction Financing

Modular construction can be built
to any size, any shape, and for
any need

Industrial



Education



Hotels



Resorts



Office Buildings



And, Yes, Even Fire Stations!



Upper Saucon Fire Headquarters



Upper Saucon Garage Bays



Upper Saucon Fire Headquarters



Thank You!