

QB TURNKEY PREFAB FRAMING

Quality Buildings delivers offsite, component-based framing systems for commercial construction—integrating design assist, BIM-driven coordination, prefabrication strategy, logistics planning, and field installation into one accountable scope.

FRAMING ON THE CRITICAL PATH

- Commercial Wood Framing
- Panelized Wall Systems
- Floor & Roof Trusses
- Hybrid Steel/Wood Mass Timber
- CLT, Glulam, Stair & Elevator Cores

1.5 MILLION SQ. FT.

QB fabricates and installs over 1.5 million square feet of prefabricated wall panels annually, across urban infill, affordable housing, student housing, and complex mixed-use projects.

WHY PREFAB FRAMING

Schedule & Cost Certainty

- 20–30% faster framing durations
- Earlier dry-in and downstream trade starts
- Accelerated schedules through parallel workflows
- Earlier occupancy and revenue capture
- Less late-stage value engineering pressure
- Sequencing stabilized
- Pricing continuity from design through install

Risk Control

- Reduced weather exposure through parallel offsite work
- Reduced RFIs, field rework and Inspections
- Reduced Material Waste and lower waste removal costs
- Budget alignment preserved
- Design intent protected
- Safer jobsites with fewer high-risk tasks
- Reduced labor volatility

Site, Workforce, & Community

- Smaller framing crews onsite
- Improved worker health, safety, and welfare
- Reduced congestion and noise
- Cleaner jobsites with reduced noise and air pollution
- Fewer vehicles onsite and reduced transportation emissions

Decision Ownership

- One partner owns framing decisions
- BIM tied directly to fabrication and install
- No ambiguity between design and field
- More consistent inspections and code compliance

"It's extremely satisfying to see your design erected in weeks, not months, with zero waste or field changes." - Project Architect Firm

BIM-DRIVEN PREFAB, BUILT FOR INSTALLATION

Architectural, structural, and system models are combined early to resolve:

Framing logic,
spans, grids, and
load paths

Podium, core,
and envelope
interfaces

Panelization
strategy and
sequencing logic

MEP penetration
size, location,
and tolerance

Access planning,
lift strategy, and
install order

These decisions are finalized before fabrication, allowing panels, trusses, and mass timber assemblies to be engineered and built for real-world installation conditions—not idealized drawings.

Because the same team models, fabricates, and installs the work, assumptions don't drift across handoffs.

THE QB ADVANTAGE

QB's prefab framing model delivers predictability where it matters most.

40-60%

Reduction in framing waste

20-30%

Faster framing durations

Ex: Calculating savings of Pre-Fab
Project: 200-Unit Apartment Complex

"With other companies it's a constant battle – but with QB, it's like hitting the EASY BUTTON." – GC, Hybrid LWF/Student Housing

	
COST WITH ON-SITE FRAMING	COST WITH PRE-FAB FRAMING
	
General Conditions Cost \$100,000/month	General Conditions Cost \$100,000/month
	
Months Needed to Frame 6	Months Needed to Frame 4
	
Total Costs \$600,000	Total Costs \$400,000

WHERE QB WORKS

Quality Buildings delivers prefab framing solutions across the Mid-Atlantic and Northeast, with a strong presence in:

- Pennsylvania
- Delaware
- Maryland
- New Jersey
- Virginia
- New York

Focused on urban and high-growth markets, QB helps multifamily and commercial projects move faster with efficient, high-quality prefabricated wall systems—all within a tightly managed service area to ensure speed, consistency, and reliability.



PROJECT HIGHLIGHTS



SUMMERHILL AT EXTON KNOLL

Exton, PA

Sq. Ft. - 303,000

Type - Multifamily

Role - Turnkey Pre-Fab
LWF

Summerhill at Exton Knoll is a series of 220 townhomes in 52 buildings with a clubhouse sitting at the center. In collaboration with the general contractor of the project, Bozzuto, Summerhill is one of the biggest framing multi-family projects for QB to date. QB's pre-fab wood framing package provided the project with efficiency and ability to catch potential challenges before the panels saw the field. The project includes luxury amenities and modern living spaces in Chester County.

THE STANDARD APARTMENTS

Allentown, PA

Sq. Ft. - 399,075

Type - Multifamily

Role - Turnkey Pre-Fab
LWF

Quality Buildings partnered as the framing contractor for The Standard Apartments—an affordable community in the heart of Allentown, PA—delivering a turnkey prefabricated light-frame wall panel package. From contract to panels on-site in just four weeks, QB's off-site manufacturing approach drove speed, efficiency, and consistent quality while reducing field labor demands. Through strong upfront coordination and precise execution, the project was completed with zero change orders.



WHO BENEFITS FROM QB TURNKEY PREFAB FRAMING

Prefab delivers the most value when design, supply, and installation are aligned early—ensuring coordination, constructability, and execution are fully integrated from day one.

FOR OWNERS & DEVELOPERS

Certainty where it matters most: Speed & Cost

- Faster framing reduces total project duration and carrying costs
- Earlier dry-in supports faster leasing and revenue capture
- Reduced rework and fewer surprises protect pro formas
- Lower exposure to labor volatility and weather delays

Prefab framing isn't just a construction decision—it's a financial one.

FOR GENERAL CONTRACTORS

Execution certainty: predictable schedule

- Faster framing, earlier dry-in, reduced weather delays BIM coordination resolves issues before install for reduced risk, rework and field modifications
- Labor stability with smaller crews, predictable install Cleaner, safer jobsite
- Better trade coordination
- Lower total installed cost with fewer delays and changeorders

Prefab framing gives GCs control over schedule, labor, and risk—protecting both the critical path and project margin.

FOR ARCHITECTS & ENGINEERS

Design intent preserved through execution

- Design integrity and precision, built from BIM-driven shop drawings for reduced field interpretation
- Early Coordination through Design Assist means clash detection before construction and structural & MEP coordination early
- Code compliance & documentation for accurate shear and fire-rated systems. Clear documentation & approvals.

Prefab framing allows architects to deliver more coordinated, precise, and buildable designs—while reducing risk during construction.



OUR TURNKEY FRAMING PACKAGE:

- Conventional Lumber or Mass Timber Lumber Package
- Pre-fabricated Wall Panels Supplied and Installed
- Roof and Floor Trusses Supplied and Installed
- QB TimberTowers for Stairs & Elevator Shafts
- Delivered to the Site
- On-site Installation that Includes Manpower & Equipment as Needed
- Material for all Safety Railings as Needed
- 3D BIM Modeling Using MiTek

LET'S TALK YOUR NEXT PROJECT!



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DESIGN | SUPPLY | INSTALL - **ALIGNED EARLY**