

# LIGHT GAUGE STEEL CONSTRUCTION





MODERA KATY TRAIL Dallas, TX

## LIGHT GAUGE STEEL CONSTRUCTION

**15**

LIGHT GAUGE  
STEEL PROJECTS

**336**

RESIDENTIAL  
PROJECTS  
COMPLETED  
NATIONWIDE

*The BKV Group creative process addresses client cost challenges for higher-density projects with light gauge steel designs that are high-quality and lower in cost than the traditional approach. BKV Group emphasizes total building design using the cold-formed steel aesthetics and merging it with the sciences of innovative building technology to address the challenges of creative cost reduction.*

*Structured as a comprehensive design source, BKV Group provides project services in planning, architecture, interior design, landscape architecture, structural/mechanical/electrical engineering and construction administration with all disciplines being well-versed in the light gauge steel construction methodology.*



**CHECK OUT THE VIDEO  
ON THE ASPEN IN  
WASHINGTON, DC  
FEATURING LIGHT GAUGE  
STEEL CONSTRUCTION**

[HTTPS://VIMEO.COM/295400465](https://vimeo.com/295400465)



**PIAZZA TERMINAL** Philadelphia, PA

### DENSITY AT 150 TO 250 DU/ACRE

BKV Group architects and engineers research zoning, codes, building technology, and team with contractors to identify low cost and high density design systems for our client's costly urban sites. The collaborative effort results in a development of 50% more density, less construction cost and 20% faster occupancy. The BKV Group key design innovations include:

- 10-story panelized steel stud structure
- 6-story panelized wood frame structural systems
- Modular and prefabricated components throughout
- Reduction in on-site construction and shorter build time

### DESIGN AND CONSTRUCTION EFFICIENCY

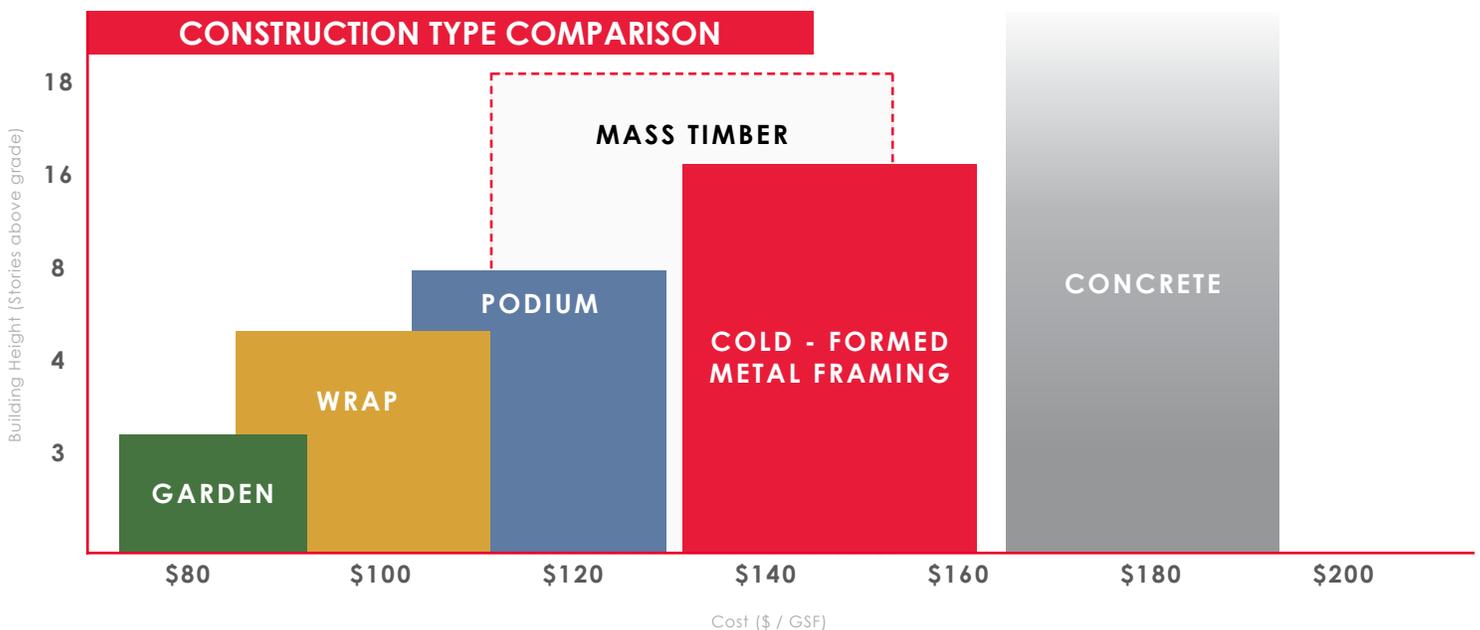
An efficient design process that enhances construction technology and lowers on-site labor costs. Design that reduces the amount of built area while maintaining the maximum rentable area creating the lowest construction cost. Greater efficiency is accomplished through:

- Consistent vertical unit floor stacking and unit arrangement
- Design of lobbies, stairs and hallways to facilitate minimum area & travel
- Simplified construction systems for materials and installation
- Enhanced repetitiveness while maintaining uniqueness

### INNOVATIVE CONSTRUCTION

BKV Group researches innovative construction technology that enhances the value of the project, leverages the facility budget and shortens the project duration. Innovation in the application of codes and building systems that allows differentiation in the market place. At BKV Group the potential is:

- Combining building systems and code categories to increase density
- Research into structural systems to increase height and flexibility
- Exterior material systems for efficiency and speed of construction
- Panelized and modular construction for labor reduction



**5**

PRACTICE  
SITES

**41**

YEARS OF  
OPERATION

**200+**

EMPLOYEES

BKV GROUP IS A HOLISTIC DESIGN FIRM PROVIDING ARCHITECTURE, ENGINEERING, INTERIOR DESIGN, LANDSCAPE ARCHITECTURE AND CONSTRUCTION ADMINISTRATION.



# ENRICHING LIVES AND STRENGTHENING COMMUNITIES

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