



What You Need to Know

An award-winning roof design begins with a conversation about design objectives, warranties, specifications and construction administration practices.

For more information about GBA's Roofing Services, call 630.955.9040
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Upcoming RoofingInsights
 Infrared Scan Technology

Archived RoofingInsights

Roofing Design 101

With GBA on your side, our professional roof consultants will guide you through a comprehensive process to assist you in determining an appropriate roofing design solution.

The beginning of a good roof starts with the Owner and designer sitting down to discuss selection criteria, including budget and schedule. During this process, the Owner and designer should consider design objectives, warranties, the development of drawings and specifications and construction administration practices.

Roofing Selection Criteria

In order to choose the right roofing system for the facility, the design team will study how the building functions and occupancy issues such as noise, odor and dust. The team also will review building codes, weather and climate exposure, building materials, drainage, roof access and traffic. In addition, they will look at the budget available for maintenance and repairs and whether or not a roof asset management system is in place. These factors will help shape the selection of the most appropriate roof product.

New Roofing Products Available

Roofing products have changed dramatically over the past 15 years. Membranes have been improved; built-up and modified bitumen roofing products have had changes in

formulation. And new roofing and hybrid systems have been introduced. GBA's design team is familiar with the latest products.

Specifications

Specifications are important in establishing not only how the selected roofing system will be installed but also how the roof will perform. If the roof doesn't perform as anticipated, the Owner can turn to the specifications to review for compliance and acceptance. A specifications package includes:

- Bidder Instructions
- Bid Forms
- Contract Agreement
- General Conditions
- Technical Sections
- Roof Plans
- Detail Drawings

Construction Administration

GBA's construction administration team emphasizes planning, monitoring, communication and teamwork to ensure your roof is installed properly. Our project managers have expertise in estimating and allocating resources, budgeting, scheduling, tracking and reporting, product acquisition and forecasting.

GBA's goal throughout the planning, design and construction process is to maximize your roofing investment while minimizing expenses.



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