

WILMOT

MODULAR STRUCTURES, Inc.

We Help Build Visions

Case Study: Delivering Innovation: Creating a State-of-the-Art Training Facility for Baltimore City Police Department



Case Study

CASE STUDY: DELIVERING INNOVATION:
CREATING A STATE-OF-THE-ART
TRAINING FACILITY FOR BALTIMORE
CITY POLICE DEPARTMENT

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Modular Building Solutions for Government Facilities

The Baltimore City Police Department came to Wilmot Modular with the need for a specialized training facility at the Gunpowder Range in Glen Arm, MD, that included essential amenities such as showers and locker rooms. Our team at Wilmot Modular Structures stepped in to provide an innovative, tailored solution, resulting in an 11,200-square-foot, state-of-the-art facility designed for adult education and business use. **Here's how we did it:**

Chapter 1:

The Challenges

The Challenge:

The primary challenge was to design and construct a comprehensive training center that met the unique needs of the Baltimore City Police Department. The facility needed to be equipped with specific features to support the department's training programs effectively.



Chapter 2:

The Solution

The Solution: Wilmot's Turn-Key Modular Solution

Our team quickly got to work designing the perfect turn-key solution for their needs. Here are some of our favorite design highlights:

Building Layout: The facility's design was meticulously planned to meet specific requirements, ensuring full compliance with life safety and occupancy standards.

Structural Foundation: The design incorporated above-grade piers with steel reinforcement. A crane-set installation was employed for efficient assembly, demonstrating precision and attention to detail in construction.



Flooring: Commercial-grade Roll Vinyl and Site-Finished LVT Flooring were selected for durability and ease of maintenance and installed throughout the facility to provide a robust and aesthetically pleasing environment.

Metal Decks, Steps, ADA Ramps, and Canopy Systems: These elements were designed, supplied, and installed, ensuring accessibility and functionality while adhering to ADA standards.



Water and Utilities: A new well installation ensured a dependable water source. The design and installation of electric, water, and sanitary sewer service utilities were crucial for the building's operational effectiveness.



Key Features of the Facility

Educational and Administrative Spaces: The building houses classrooms and office spaces designed to foster learning and administrative efficiency.

Specialized Facilities: Separate shower and locker room facilities cater to the training participants' needs, providing convenience and privacy.

Accessibility: A rear ADA ramp landing with a pin system allows for temporary railings to be removed for easy deliveries, showcasing a thoughtful consideration for accessibility and utility.

Innovative Design Elements: Features like interior roll-up windows and accordion doors in classrooms enhance versatility and usability. The use of perimeter steel frames with steel floor joists and double 5/8" decking ensures structural integrity.



Aesthetic and Functional Finishes: The facility sports a Hi-Rib Steel exterior and VCG interior wallboard, coupled with acoustical T-grid ceilings, marrying durability with design.



Chapter 3:

The Results

The Results: Client Satisfaction

The Baltimore City Police Department deserves the best training possible to keep our communities safe. By working closely with the department to understand their specific needs, our team at Wilmot Modular was able to deliver a facility that is functional and fosters a positive learning environment. This project exemplifies the benefits of modular construction for Public Sector agencies – speed, efficiency, and customization – all at a competitive cost.

Modular Building Solutions for Public Sector Agencies

Public sector agencies, like Police departments, Government facilities and Schools, have specific needs for construction and building. With tight budgets, you need a company that is familiar with this type of work.

Wilmot Modular is a trusted partner for Public Sector agencies across the country. With our proven track record and commitment to quality, we can help you build the facilities you need to serve your community. Check out our guide to learn more about Wilmot's customized solutions for Public Sector Facilities and our partnership with TIPS (The Interlocal Purchasing Cooperative).

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**Contact us for more information or if you'd like to
request a quote**

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