



Mezzanine Solutions for Training Facility Expansion

Features and Benefits

Optimize existing space to include a training observation platform and provide storage space for tactical equipment and gear.

Industry Group: SMA

OPTIONAL QUOTE FROM CASE STUDY



The US Navy Center for Security Forces training facility in Chesapeake, VA offers advanced and specialized training capabilities and technologies. The special tactical training facility needed to expand to accommodate a new observation platform and enlarge storage capacity, while staying in their existing building footprint.

Specifically, the solution would optimize existing space to include a training observation platform and provide much needed storage space for tactical equipment and gear.

Objectives:

- Create observation platform.
- Expand storage space.
- Provide access to large overhead door.
- Flexible installation to accommodate training facility schedule.
- Optimize existing facility footprint.

The Solution

Engineer a custom, freestanding observation platform with adjoining catwalk to increase storage capacity and provide complete access to overhead doors, while working within a restricted space in the facility.

Size: 600 square feet

Framing: Beam and C Section

Decking: Bar Grating

Accessories:

- Catwalk
- Ships Ladder

- Vertical Rung Ladders from main platforms to overhead catwalk
- Special 2' exterior cantilever sections on platforms

Finish: Powder paint

Timeline: 6-7 weeks

Industry Served: Government

Results

The Steele Solutions free standing observation platform allowed the US Navy Center for Security Forces to utilize existing space to create a raised platform to view training activities as well as maximize their unused overhead space to increase storage capacity in their training facility. In addition, the observation platforms and adjoining catwalk did not hinder access to overhead doors, allowing complete access to move containers in and out of the facility easily.

US Navy Center for Security Forces selected Steele Solutions based on its engineering expertise, ability to design the platform around the exact parameters of the training facility building specifications, and its flexibility to accommodate the facilities training schedule for installation.



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