Mezzanine Provides Unique Solution for IT Clean Room

Features and Benefits

Custom engineered structural mezzanine creates enclosed area below for IT clean room and provides more efficient overhead space for storage.

Industry Group: SMA

An industry leading advanced electronic monitoring and security systems manufacturer developed a need to create a clean room in addition to more storage space. The custom solution would include an IT clean room and storage space. The mezzanine structure created a unique enclosed space below for the IT clean room.

Objectives:
- Create IT clean room by enclosing under mezzanine.
- Design for future expansion.
  - o Attach another mezzanine in the future.
  - o Offset holes in columns to provide through-hole bolts.
  - o Custom handrail for future growth.
- Optimize existing facility footprint.
- Provide needed storage space

The Solution

Engineer a custom structural mezzanine to create and IT clean room and provide more efficient overhead space for storage.

Size: 1,342 square feet
Framing: Beam and C Section
Decking: Roof Deck ResinDek®
Accessories:
- o Stair
- o Ships Ladder
- o Gate
- o Handrail
- o Landing
Finishing: Powder paint

Timeline: 13 weeks
Industry Served: Information Technology

Results
The Steele Solutions custom designed mezzanine delivered a unique solution to create an IT clean room below, providing protection for the computer servers. The mezzanine allows ample room for storage.

Steele Solutions was selected based on its ability to design and engineer a custom mezzanine solution that provided the opportunity for future growth and expansion.

Steele Solutions, Inc.
9909 S 57th Street
Franklin, WI 53132
1-888-542-5099
info@steelesolutions.com
www.steelesolutions.com

Storage Manufacturers Association