



Catwalk Solution Bridges Old and New Mezzanine

Features and Benefits

A comprehensive steel structure solution provides a catwalk that connects the old mezzanine to a new mezzanine, while a free standing, custom engineered mezzanine gains more efficient use of existing overhead space.

Industry Group: SMA



A world class dairy producer needed a cost effective way to gain more space without adding on to the existing building. Specifically, the solution would optimize existing space as well as connect to an existing mezzanine. The mezzanine solution offered several unique features.

Objectives:

- Create workspace for maintenance operations.
- Designed to maximize space under mezzanine.
- Integrate into existing concrete mezzanine.
- Provide access to existing storage area.
- Optimize existing facility footprint.

The Solution

Design a free standing, custom engineered mezzanine

solution to gain more efficient use of existing overhead space. Create catwalk to bridge existing mezzanine to new mezzanine.

Size: 1,346 square feet

Framing: Beam and C Section

Decking: Roof Deck ResinDek®

Accessories:

- Catwalk
- Gates
- Custom Ships Ladder

Finishing: Powder paint

Timeline: 9 weeks

Industry Served: Food & Beverage

Results

The Steele Solutions mezzanine allowed the dairy producer to utilize unused space to accommodate maintenance operations rather than incur costly expenses to add on to the existing building. The ships ladder delivered a unique solution bridging from an existing part of the building to the new mezzanine, permitting access to an additional storage area.

In addition, a catwalk was built to connect an old mezzanine to the new mezzanine. Steele Solutions was selected based on its capabilities to understand their detailed needs and design a solution that seamless integrated with their existing building structure.



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