

TAKE FLIGHT THEATER

AT THE WILDERNESS RESORT

KEY STATS

KEY INSTALLATIONS

Prefabricated Cold-formed Steel Panels

LOCATION

Wisconsin Dells, WI

COMPLETION DATE

July 2020

SIZE

5 stories / 24,000 sf

ARCHITECTS

Architectural Design Consultants, Inc.

CUSTOMER

Wilderness Resort

CONSTRUCTION MANAGER

Holtz Construction

This 24,000 sf, 5-story building encloses the first “fly theater” of its kind in the United States and the second in the world. The fly theater combines an amusement ride, a large, domed 4D theater screen, and wind, mist, seat vibrations, and other movements to create an immersive experience to imitate the sensation of flying. In addition to the theater, the building houses a spacious lobby, lounge, and office areas.

The aggressive project schedule called for a Summer 2020 opening day, made even more challenging by the short construction season in the Wisconsin Dells. Wall-tech worked quickly by enabling building enclosure in days instead of weeks, allowing the interior work to begin earlier on this unique project.

BIGGEST CHALLENGE


The construction schedule was only 5 months to completion. The ride and theme equipment would show up at completion.

BEST SOLUTION

The team had a jump-start and erected the exterior CFS walls while the building was being designed. Wall-tech incorporated as much scope as possible into these exterior walls to cut more time from the schedule.



BEATING DEADLINES AND EXCEEDING EXPECTATIONS



"During the Wall-tech design process, there were many changes to the building coming to us from the A/E. However, that did not slow the project down. Panels arrived at the site, panels were installed, and we were getting enclosed allowing other trades to start their work."

-Frank Gauger
Project Manager, Holtz Construction

KEY INSTALLATIONS

- Temporary window enclosures
- Robust air/vapor barrier to combat severe Wisconsin weather
- CFS Structural steel (HSS)
- Wall-tech's largest panels to-date at 54 ft in height
- Last-minute design changes easily incorporated with on-site field modifications



"They say every project starts with a strong office, and Wall-tech's Project Management Team were very integral in the success of this project. Holtz Builders, along with the Wall-tech Project Management team, an excellent field crew, and superb prefabrication of the panels, was one of the many reasons that this project was so successful."

-Frank Gauger
Project Manager, Holtz Construction