

STRENGTHEN YOUR STRUCTURE

Boeing Leadership Center



Project Summary

Two unique buildings were constructed which were adjoined and also connected to an existing and operational facility by a long curving hallway. All structures were built on sloping hillsides with loose river silts. A total of 271 auger cast piles were placed to an upwards of 90' deep to help provide a solid base structure resting on bedrock.

One of the buildings is a Lodging facility for Boeing employees, which consists of 84 individual rooms on seven floors of an almost entirely concrete building. This building also has a complete concrete basement and an attic of structural steel. Attached to that building is a four story steel structure with slabs poured on elevated decks. One floor of this building is a fitness center for the lodging guests while 2 floors are office space for the facility's employees. The fourth penthouse floor is for mechanical equipment.

In addition, an expansion to an existing dining hall was amended to the contract. This extension was quite complex and also built on a steep hillside overlooking the Missouri and Mississippi rivers. This structure rests upon steel columns inside of rebar cages and encased in concrete. Extending from these columns are tube steel struts to further support a multi-tiered slab on deck.

Owner

The Boeing Company

Architect/Engineer

Hellmuth, Obata, Kassabaum, Inc.

General Contractor

The Korte Company

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