



AHU Safety Access Case Study

Microsoft Building 27
Located In Redmond, Washington



Project Overview:

Johnson Barrow was contracted by Microsoft to solve an accessibility issue. Microsoft installed two new air handling units (AHUs) on the roof of Building 27 which is located on the Redmond, Washington campus. Johnson Barrow needed collaborative, knowledgeable, and safety-first access experts to develop a solution that would enable Microsoft facility and maintenance teams safe access to the air handler units which are situated on the roof. Johnson Barrow selected Work Safe Access to deliver a customized OSHA-compliant access solution.

Work Safe Access performed a site inspection and met with a mechanical contractor who provided the criteria for the project. There were unusual requirements that mandated a custom-tailored solution. Work Safe Access worked with engineers and third parties to create a uniquely custom yet OSHA-compliant access system for the Microsoft Building 27.

The access system needed to be assembled on-site after moving the components through the building's garage. The modularity of the Work Safe Access System allowed for quick and flexible assembly options that stay within OSHA compliance. This approach permitted the pieces to be delivered without the need to acquire a boom crane. This saved Johnson Barrow added expense, trained personnel, and scheduling time that would have been necessary to rent and operate the crane in order to hoist a finished product up to the roof. Work Safe Access offered a common-sense, nimble approach that shaved time and cost off of the project.

"We choose Work Safe Access for their OSHA expertise and for the quality of their flexible access systems. The unique needs of this project were solved. We feel good knowing our client has a safe solution for their employees. Thank you, Work Safe Access!"

- Lindsay Collins, Project Manager, Johnson Barrow

Highlights:

- The ladder-and-platform allows personnel safe access to the Microsoft Building 27's rooftop HVAC air handling units
- Designed using rust-resistant, rugged aluminum materials that withstand slippery weather conditions
- Perforated, self-draining aluminum treads and platforms eliminate walkway pooling and provide a non-slip surface
- 4 x 18 Platforms
- 2 Fixed Vertical Ladders
- OSHA-Compliant Rails re-fabricated, interchangeable design components

