



## Takeda Pharmaceutical Building Three

Deerfield, Illinois

**LEED™ GOLD**



The Hill Group was selected to install the HVAC system in a 250,000 square foot office building with an exterior parking structure for Takeda Pharmaceutical's World Headquarters. The Hill team recently completed the two other office buildings on the campus.

The mechanical system includes: two 370-ton custom roof-mounted VAV evaporative cooled air conditioning units with UVC lights and Merv 13 air filters. Perimeter spaces are served by fan powered VAV boxes with electric heating coils while the raised floor interior spaces utilize VAV vertical air columns. A 110-ton packaged roof top air conditioning unit is ducted to a new cafeteria. The existing kitchen was also remodeled to provide for the additional occupants on the campus.

The Hill Group utilized Building Information Modeling (BIM) and supplied enhanced commissioning checklists.