

## Denver Technical Center Office Building

Denver Technical Center is located at the heart of Englewood, Denver's thriving edge city. Minutes away from a new light rail station, these office towers allow for much needed densification and a redefinition of suburban office park development. The market forces in an area of this type call for both integration and identity. Identity in this case is high performance. Utilizing both passive and active systems this building will set the pace for energy savings and comfort. The master plan consists of three office spaces perched above several elongated trays of parking.

The office building of the future is not the same place it was five years ago. New trends and a shift in generational expectations of the workplace are causing the office to take on more technological infrastructure, a standard of high performance and a flexible connection to the outdoors. These offices are ahead of the curve in regards to these new trends.

location: Englewood, Colorado  
completion date: In Progress

### High Performance Goals:

- Master plan utilizes optimal views and solar orientation
  - Building skin maximizes passive solar strategies while allowing diffused levels of natural daylight into the spaces.
- Building skin utilizes shading devices and high performance glazing for thermal regulation
- Mechanical systems are set to take advantage of underfoot air distribution—providing user operation and more efficient thermal stratification of air
  - Roof hosts solar thermal panels set to subsidize the domestic hot water system with and option to include hydronic radiant panels through a heat exchange unit.

