Structural Glass
The envelope of the south and west facades are of structural glass panels. Steel holding clips attach the perpendicular panels to the facade wall for additional support from climatic elements.
Raised Floors
Floors of the office spaces are on 9 inch floor stands to allow access space for electrical and air handling. The space below the raised floors will allow a greater access for personal control abilities. With access to the cable and ventilation in closer proximity to each individual, the ability to move the workspace to one’s needs is more applicable.

Ventilation
Supply ducts are dispersed more frequently in the office spaces to allow for personalization of air quality. Matching personal needs of the each individual achieves a better working environment and increases productivity.

Lighting
Lighting in the office is primarily of natural light from the south facade and diffused light from the north. The lighting fixtures in the office space operate with light sensors and will adjust due to the amount of natural light in the space.
Elements of the Office Workspace

Cafe/Office Plan

Exterior View from Office

Geothermal
As an office headquarters for a geothermal company, the building will be used as a teaching tool for the community. Incorporating geothermal devices into the production of the building will show how sustainable practices can greatly affect the environment as the world evolves. Geothermal systems will be accessible in the mechanical rooms for the public to see and learn the processes of how geothermal systems work.
Productivity within the Working Environment

Circulation/ Main Street
The circulation of the office spaces create a meandering path of ramps throughout the building. These pathways will be both, the circulation of the public tours which will keep them from distracting the production activities, as well as a meeting place for employees of the office. There are standing places within the pathways which people can stop and mingle with others.

Mezzanine
The ramps are all connected to mezzanine levels on each floor, which employees can use for breaks. During the day if employees need a space for personal use, the mezzanine can act as a quite room. From the mezzanine levels, one can overlook the open office plan.

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Completing the fourth corner of a major intersection in Maple Grove, MN, the office headquarters uses natural wind and sun patterns of the region to work passively with the environment. Creating more vegetation on the site will enhance views for employees as well as help the aspects of productivity in an office environment.

Location