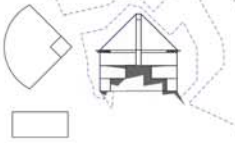
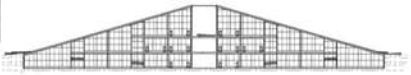
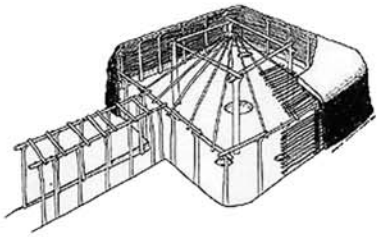
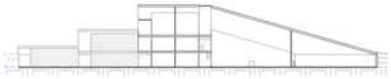
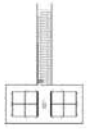
School of the Earth
Designed by : Clayton Calkins

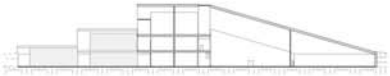


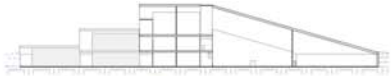


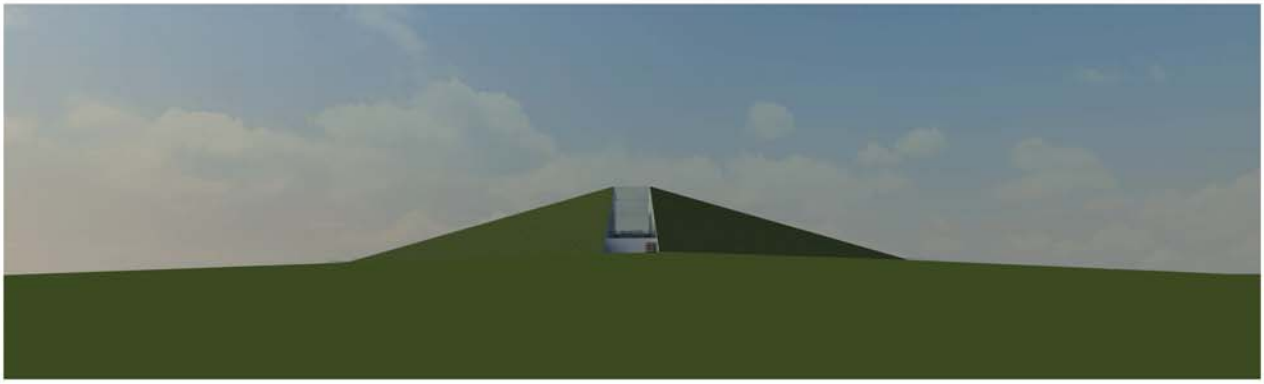












The interior materials were selected to provide maximum natural light experiences for the students. The double layered glass facade to the south allows for a large quantity of light to enter the space, however to provide as much natural light dispersment most of the interior walls that are not glass walls are made of transparent polygal. The outer extremities of the interior walls will recieve the most natural light and should therefore take advantage of thermal mass qualities, which has been incorporated into this design.

The design of this high school is influenced by the necessity to adapt to the harsh climate of Albion, Nebraska. With hot and humid summers along with cold and frigid winters, the site required a stabalizing condition. Using passive solar techniques, natural sunlight is brought into the interior of the classrooms during the winter and effectively shades during the summer for interior comfort. The northern berm is utilized to block out the harsh winter winds from the north while the operable, double layered, glass facade on the south allows the predominant summer winds to be captured by the interior.