

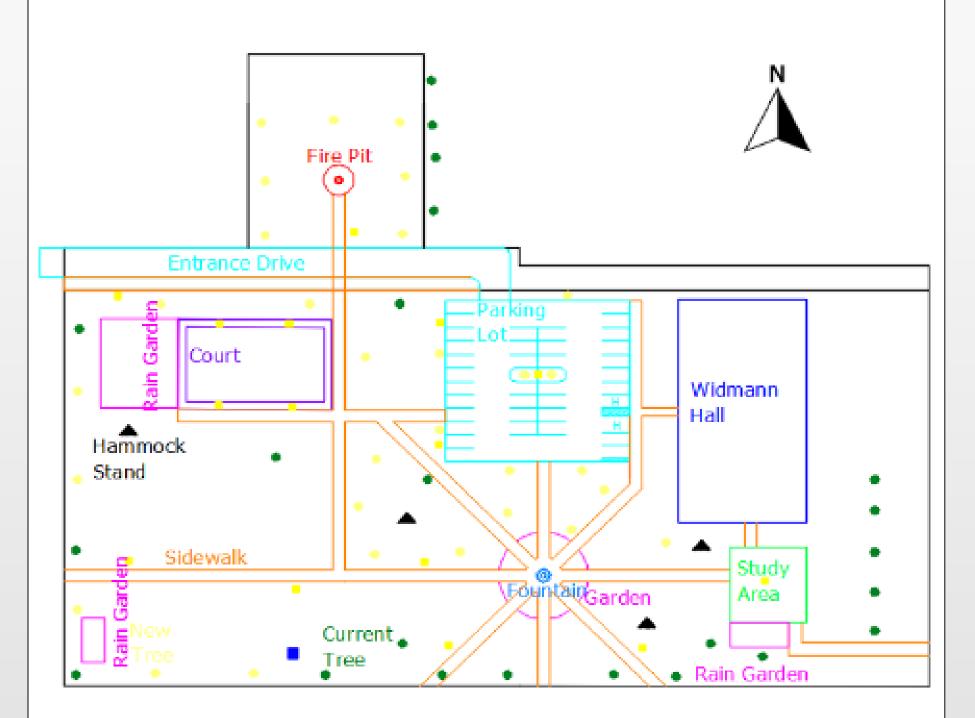
GREEN SPACE

Erin Haase & Sophie Sloneker
Civil Engineering
Advisor: Dr. Jeremy Rentz



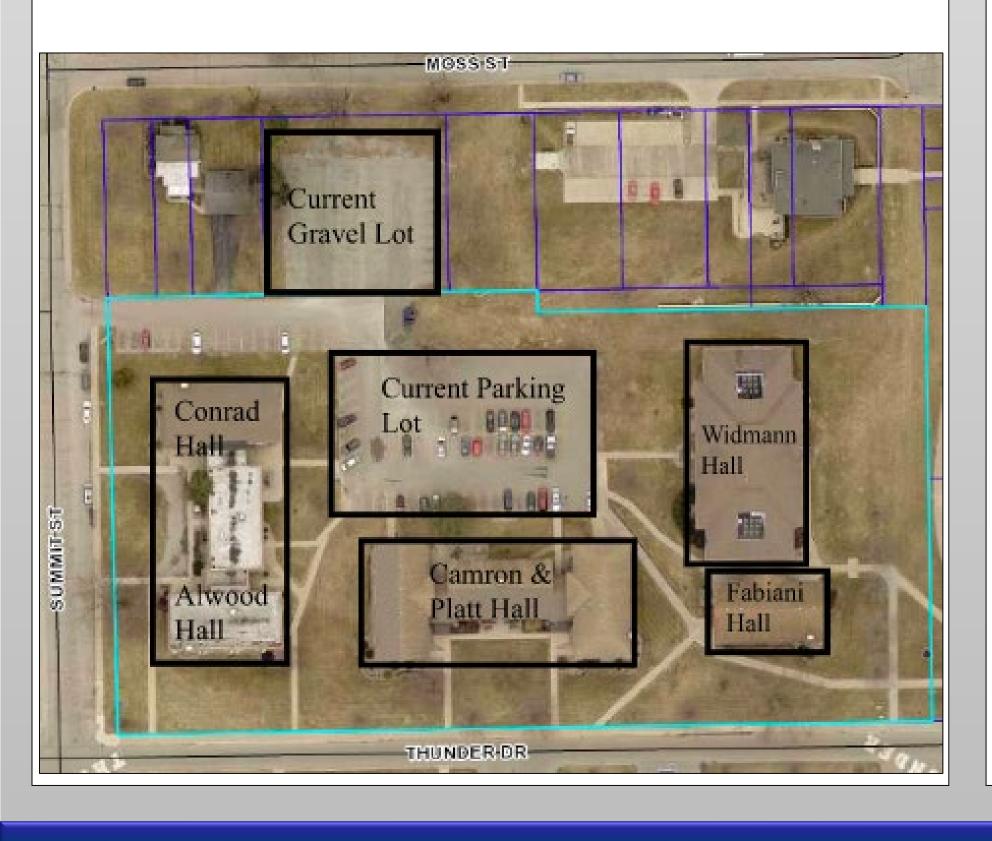
Proposed Layout

The new green space will include a reconfigured parking lot, multi-purpose court, study area, fire pit, fountain, sidewalks, landscaping, lights, and hammock stands.



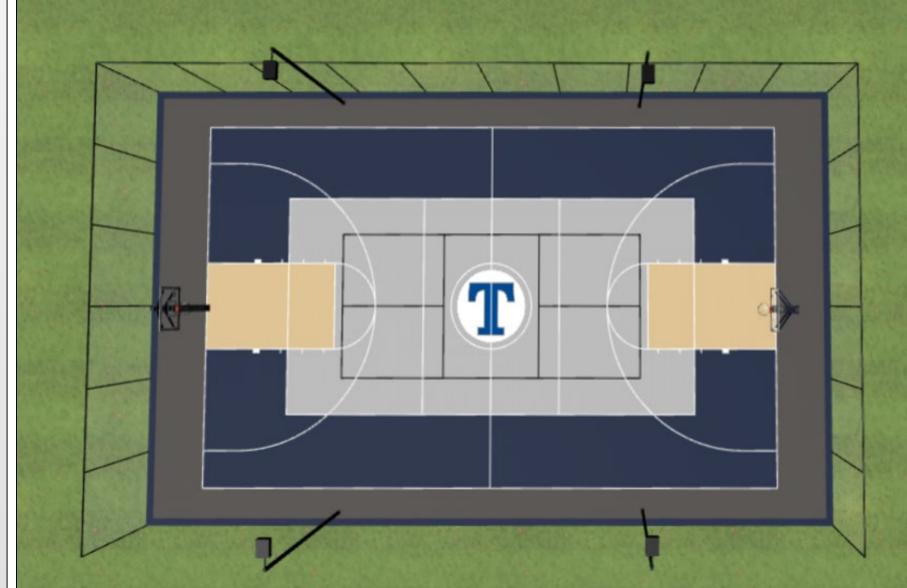
Existing Layout

Currently on site, there are five traditional dorms including Conrad, Alwood, Cameron, Platt, and Fabiani Hall, two parking lots, and Widmann Hall. All structures will be demolished, however Widmann Hall will remain standing.



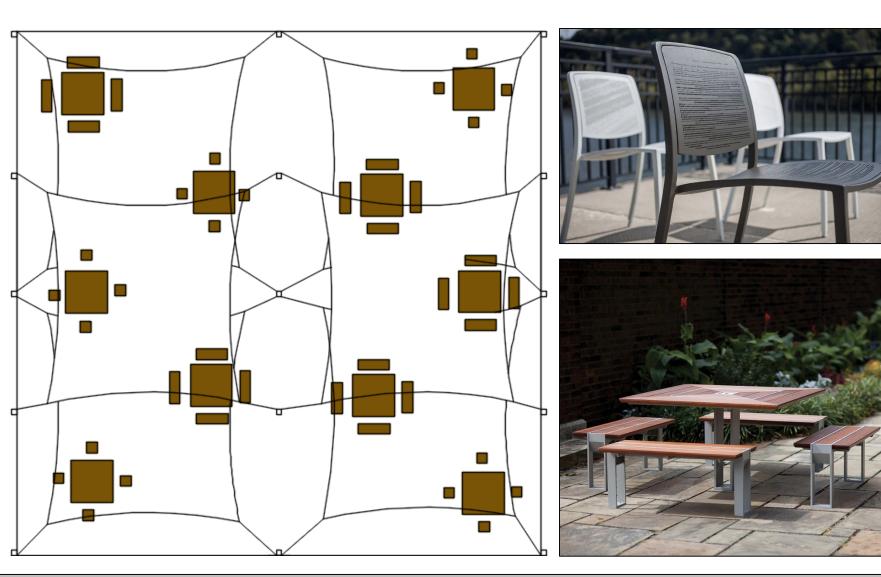
Multi-Purpose Court

The multi-purpose court will contain a basketball court, volleyball court, pickleball court, and four-square court wrapped into one. Amenities of the court include two basketball hoops, two benches, poles and nets for both volleyball and pickleball, four light poles, and a 10-foot fence going around three sides of the court.



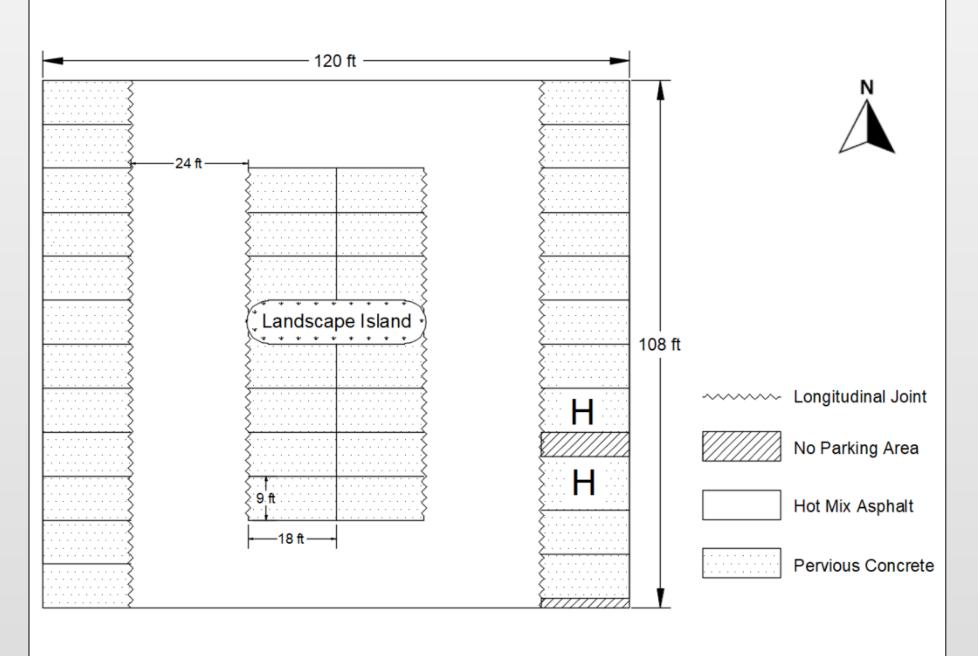
Study Area

The study area will be a hangout space for students and professors. The space will have tables, chairs, electrical outlets, and opportunities to hammock. Over top of the entire study area will be sun shade sails to provide ample shade from the sun at all times during the day.



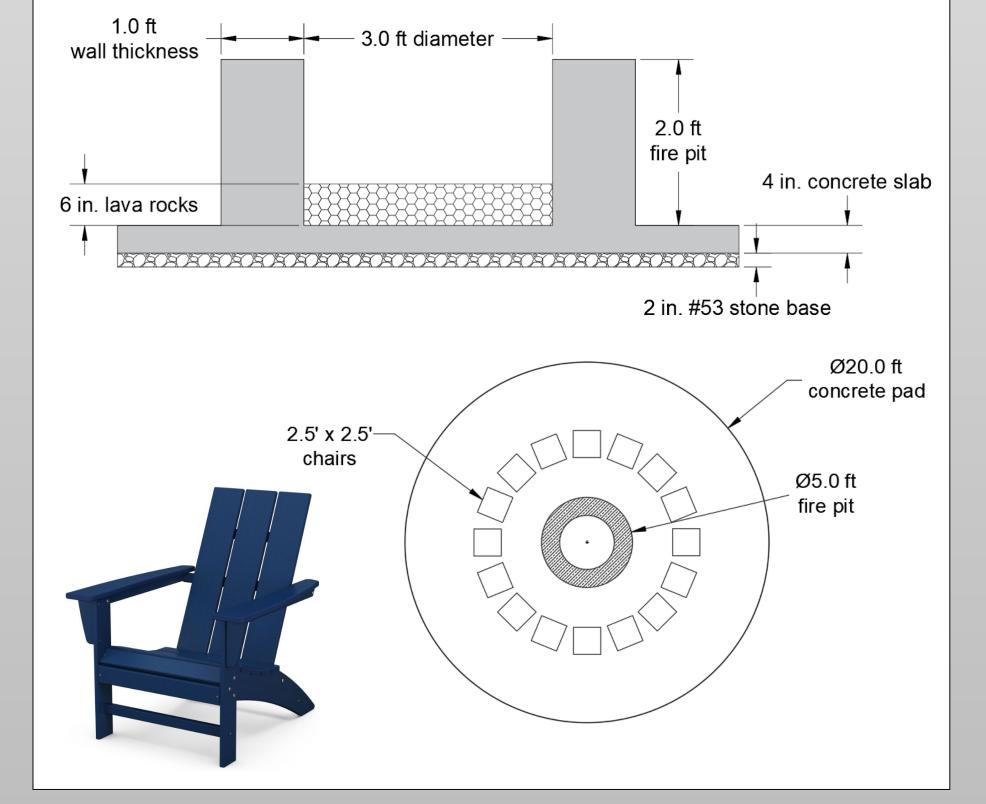
Parking Lot

The parking lot will have 37 parking spaces. The parking aisles will be constructed with hot mix asphalt while the parking spaces will be constructed with pervious concrete. This means that water will be able to pass through the concrete. In the center of the parking lot will be a landscape island to enhance the visual quality of the parking lot and reduce stormwater runoff.



Fire Pit

The fire pit will be made of concrete and surrounded by 16 chairs. Inside the fire pit will be lava rocks.



Landscaping

The green space will contain a variety of trees, flowers and other plants. The purpose is to better integrate the built and natural environment, preserve community character, and improve the aesthetic quality of the green space. Landscaping also aids in stormwater collection.

























Group Members

Erin
Haase
&
Sophie
Sloneker

