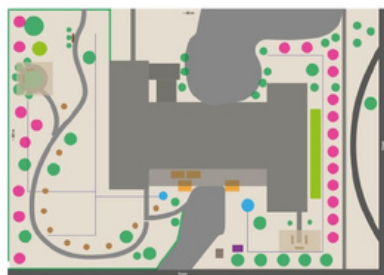


Redesign of the public garden and parks to create a sustainable and social environment for relaxation and rehabilitation.



How did the student group approach the process of finding solutions?

The student group's landscape proposal was required to fulfill multiple criteria, including low maintenance, climate resilience, cost-effectiveness, and inclusivity for residents. They began with comprehensive literature research on suitable resources and consulted with land use and nature design experts. To bring their concept to life, they created a detailed 3D visualization of the proposed project.



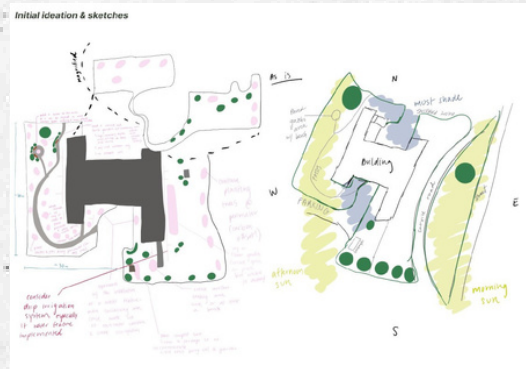
First Proposal

The existing layout of the garden was roughly mapped out and then features and improvements overlaid to illustrate our suggestions. The accompanying legend explains what each feature is and our reasoning for including. Suggestions for the specific types of plants and materials that could be used can be found in the appendix (1,2).

- New trees - plants conifers & yews around the perimeter to create natural shade, add to the value of the property, create new ecosystems which invite animals and birds to frequent the area, and contribute to a carbon offset.
- Flower Mounds - Create raised mounds surrounded by rings of rock or stone. Elevation is more pleasing to the eye and these can be filled with beautiful flowers (list follows on the next page).
- Raised Herb Garden - Create another raised feature, but this time with vegetable sides and fertile soil so that a self-sustaining herb garden can be grown here (garlic, oregano, sage, thyme, dill, etc).
- Native Plant Field - Dig up the soil and germinate the ground with lots of native German plants (list follows on the next page). Reserves several weeks of labor and to avoid residents damaging the garden most strategic location on the east side. Will be pleasant to look at out the window after wards maturing.
- Eastern seating area - Addition to the area where residents can sit and sit, introduce some benches or inexpensive pallet furniture at the end of the pavement. Also provides a place to sit once the native garden has begun to grow.
- Enclosure - Create a lightweight and inexpensive but durable covering for the established seating area in the NW corner. Allows residents to sit enjoy the outdoors in less ideal weather conditions.
- Compost - Start a composting pit next to the existing garbage bins to integrate seamlessly to the workflow at the care center. Very good for biosecurity, puts food waste to good use, and over time will generate healthy soil to be used in the gardens.
- Water feature - Introduce one or two water features at the end of the new center. Could be a small spraying fountain / water wall with fun and certain marine species brought in or simply bird fountains.
- Drip Irrigation - Consider implementing drip irrigation which is a great way to water plants in a dry environment. Could be integrated with potential water features. Displayed on the illustration is just a potential means of implementation.

What did the initial situation look like?

The Paritätische Society for Care is a social enterprise that provides a variety of services across multiple locations. At their Altlandsberg facility, they sought a concept for redesigning a sustainable recreation and meeting space. Their goal was to find inspiring examples and develop a concrete plan tailored to their specific requirements and budget constraints.



Proposal Delivered	
[3 weeks]	Installation begins
[6 weeks]	Planting / Transplanting of herbs, flowers, trees, and native species complete
[7 weeks]	Furniture built
[7 weeks]	Herb garden edible
[9 weeks]	Irrigation systems up and running
[12 weeks]	Lilypond / water features installed
[6 months]	Native plant field self-sustaining
[6-24 months]	Compost begins producing viable soil
Greenspace fully transformed	

An idealistic timeline, depending on labor availability and the seasons

What are the proposed solutions?

Following thorough research and careful consideration, the group developed a proposal that addressed all of the client's key requirements. The design featured elements such as drip irrigation, offered added value for residents, and adhered to the specified budget. Multiple options for optimal space utilization were presented, each accompanied by a detailed budget, implementation plan, and a comprehensive 3D model of the park.