Design Intent: To create a ‘home’ where the students of the Hazelwood School may ‘dwell’ as a family.

Programmatic Elements:
Analysis of the program resulted in exploring the opportunity of having three buildings in a “cluster”. Two buildings would be “residential clusters” which would each contain four individual bedrooms, one two-bedroom, a guest suite, living spaces (kitchen, dining, family room and support (pantry, storage, coat closet, rest-room and laundry). The third building would provide “community support” by containing shared recreation and social spaces, a library, music room, exercise gym and a computer room for residents as well as clinic spaces, meeting rooms, rest-rooms and storage.

Sustainable Housing Design Guide for Scotland:
Passive Solar Gain
- Housing layouts should be oriented within 30 degrees of due south whenever possible in order for the solar gain to be useful.
- Plan courtyard spaces on the north side and habitable rooms needing warmth on the south side. Given as much of the south facing wall as practical with a sunspace to act as a thermal buffer.
- Provide structural overhangs, external shutters and internal blinds to prevent both overheating in summer and heat loss at night.
- Housing layouts should be self-sheltering wherever possible. The traditional Iowan village provides a good real example of this with the right layout of buildings creating a milder micro-climate and helping to shelter the inner faces and eaves of the buildings.

Individual Bedroom Design Inquiry:
The design inquiry proposes that the individual bedrooms provide a private realm for each student to retreat to. A main living/sleeping space features adjustable furniture that may be positioned based on each student’s preference and includes a Murphy style bed to allow the opportunity to create a larger living space when the bed is not being used. The modular furniture components are intended to create a seamless furnishing experience that aids in guiding the occupant around the room.

Conservatory Living Space Design Inquiry:
A conservatory style living space could be used throughout the year, especially when weather does not permit going outdoors. The space would contain a living space, dining spaces, kitchen and areas for social gathering and activities (such as basket weaving or hobbies). The space would allow natural light to support flowers and other plants that could be within the space.

Photos from A Child’s Garden by Molly Dannenmaier:

Photos from Conservatory Style by Jackum Brown:

Photos of the Hazelwood School from Alan Dunlop:

Programmatic Elements:
Proposed outdoor environments may include flower gardens, play-ground, vegetable gardens, picnic area, social gathering and activities such as basket weaving or other hobbies. The third building would provide “community support” by containing shared recreation and social spaces, a library, music room, exercise gym and a computer room for residents as well as clinic spaces, meeting rooms, rest-rooms and storage.

Photos of the Hazelwood School in Glasgow, Scotland:

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