

CULTURAL CONFLUENCE: A Spirited Learning Environment

Arch 722 Design Thesis

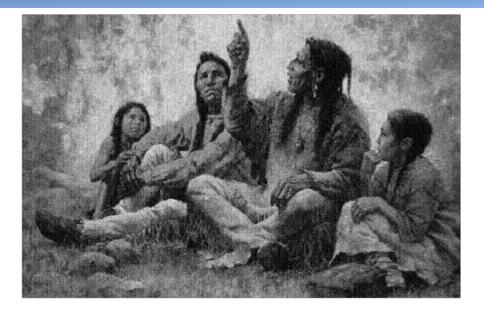
Tyler Ertl

GUIDING PRINCIPLES

- 1. Identification of student learning methods that push the development of today's students.
- 2. Integration of traditional and 21st century learning environments in an architectural setting.
- 3. Creation of a space in which its users feel engaged, safe, and inspired within the school community.
- Incorporation of Native American and Non-Native traditions and cultures to unify the community of Bemidji Public Schools.

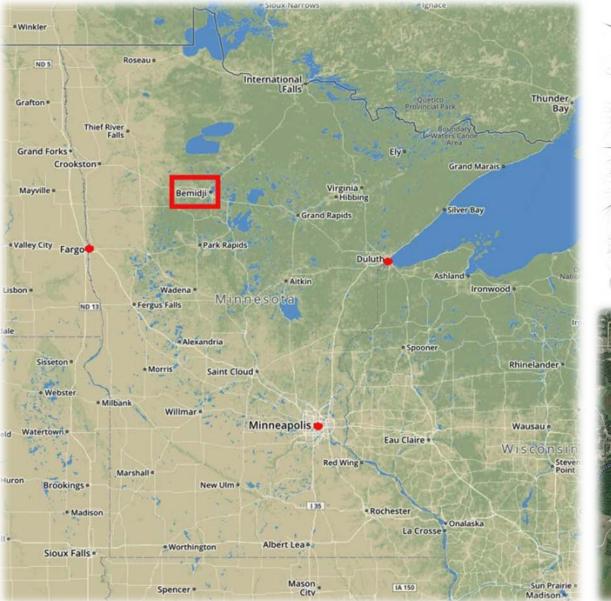
CONNECT

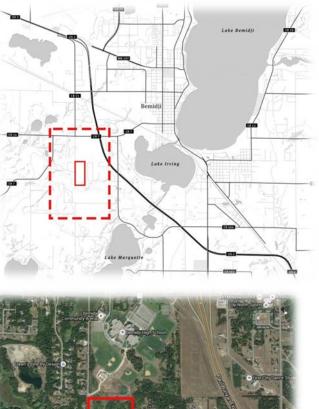
The history of Bemidji has taken it from a small village to a booming city of commerce. This expansion has resulted in a constantly growing school district with a large influence from the Cass Lake Indian Reservation.





SITE INFORMATION





KEY

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Site Boundary

Primary Vehicle Traffic

Secondary Vehicle Traffic

Intersection

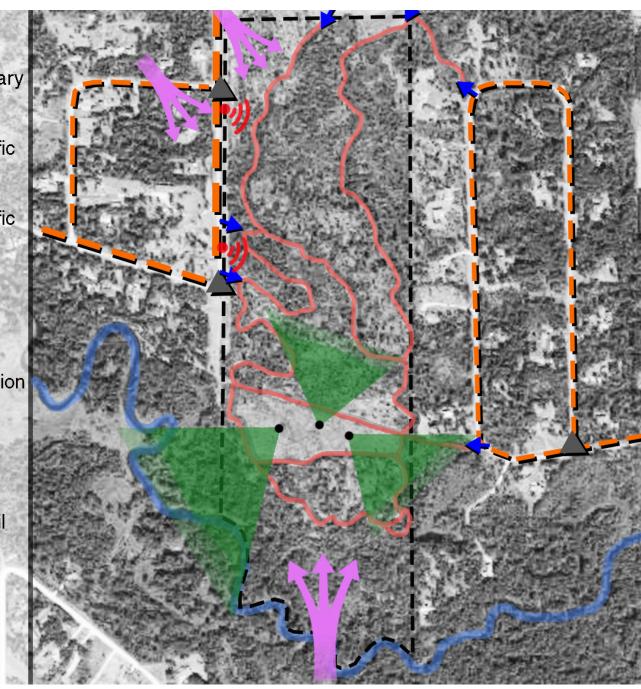
Pedestrian Access

Noise Pollution

View Sheds

River

Walking Trail





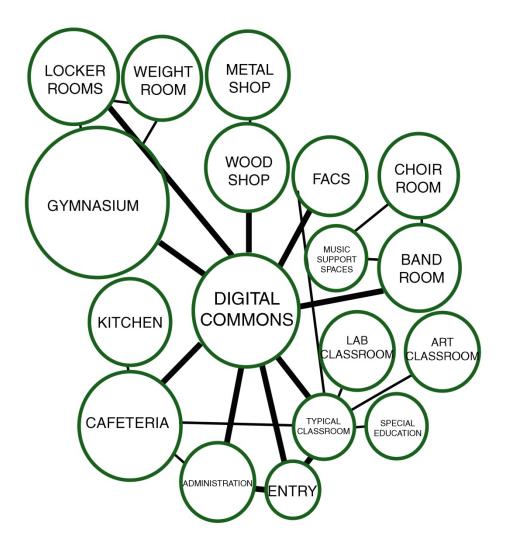








RELATIONSHIP GRAPHIC



Architectural solutions and programmatic relationships respond to the shifting needs of today's learning from traditional to 21st century learning environments.

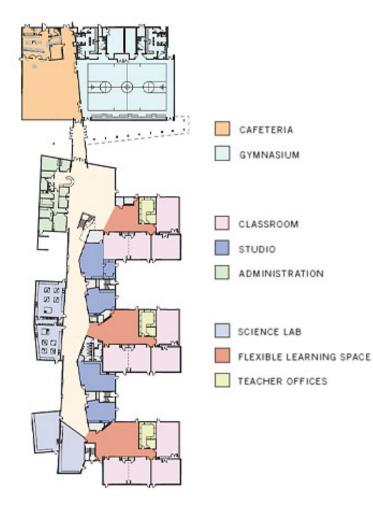
CASE STUDY - MILLE LACS

Spiritual Stimulation, Structural Elegance, and Materiality...



CASE STUDY - STAPLETON HS

Technology, Organization, and Hierarchy...





CASE STUDY - ROSA PARKS ES

Community, Exterior Details, and Unique...



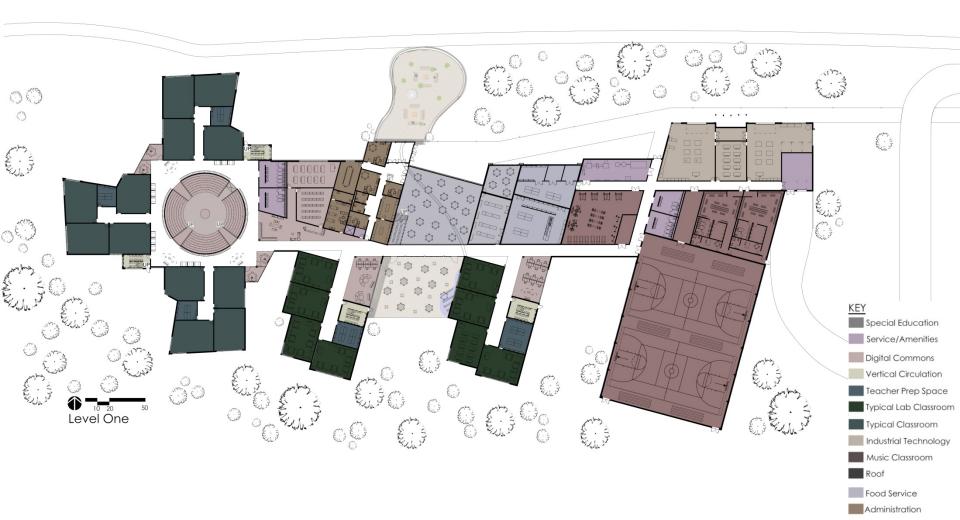




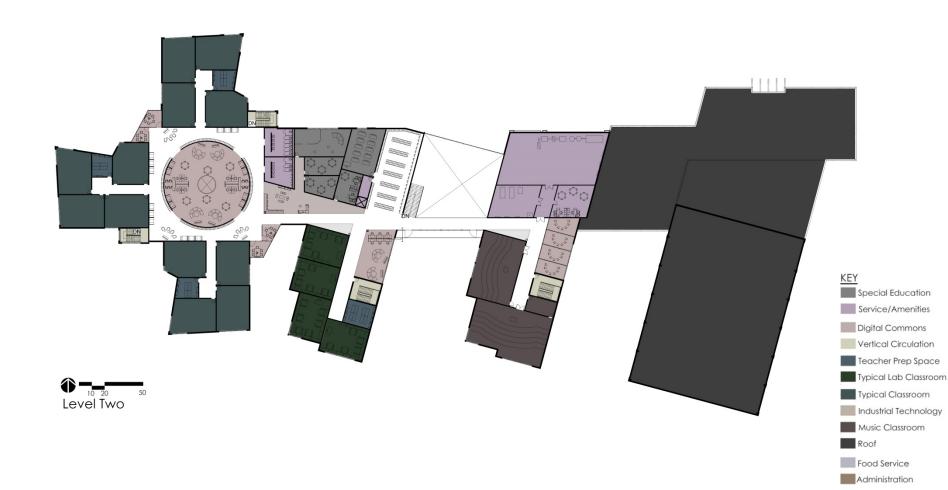




FLOOR PLAN-LEVEL ONE



FLOOR PLAN-LEVEL TWO



INTEGRATE - CLASSROOM DESIGN





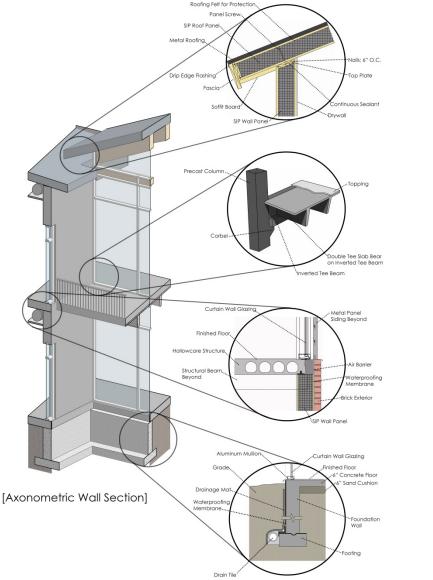


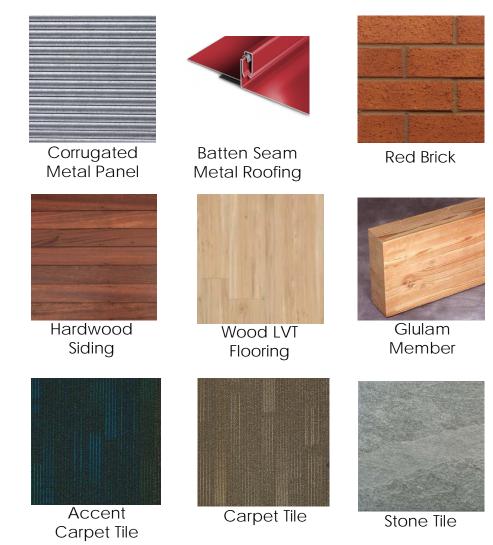
Traditional lecture-based instruction allows students to be individually engaged and task oriented.

Tables can be arranged to promote group oriented projects and collaboration among peers.

Arranging a U-shape allows for groups to present projects and information to the rest of the class.

DETAILS AND MATERIAL PALETTE







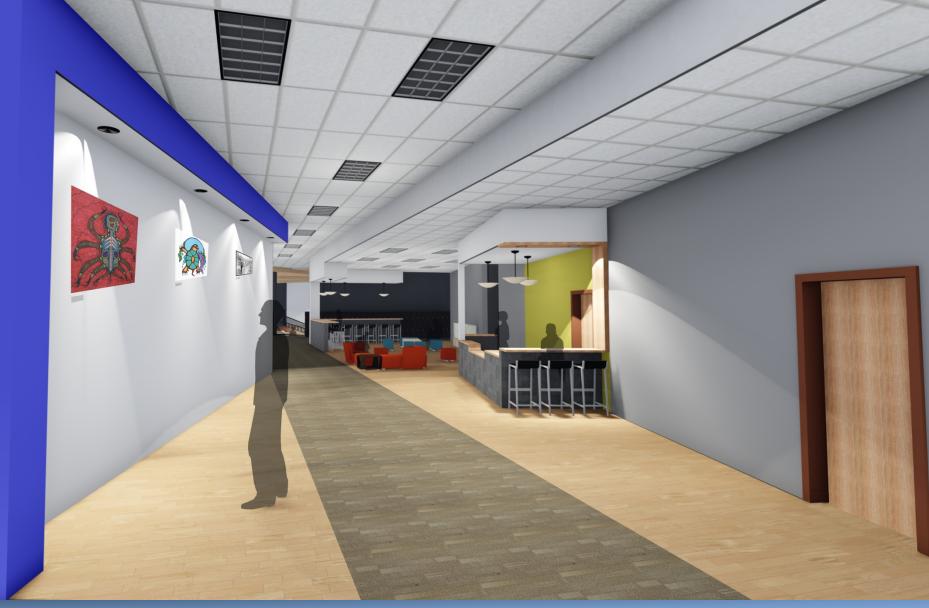
CONNECT [Cafeteria]





[Lab Breakout Space]





[Digital Commons]





[Digital Commons Seating]





[Classroom Breakout Space]

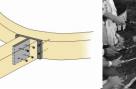




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CELEBRATE [Pow Wow/Lecture Hall]



[Outdoor Patio]





THANK YOU!