Designing Better Schools: The Four Dimensions of Human Ability

INTRODUCTIONS



Marcus Adrian | AIA, LEED AP *Principal*



Kevin Symons *Senior Associate*





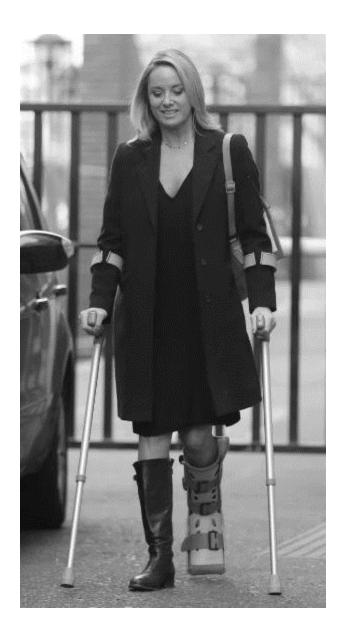


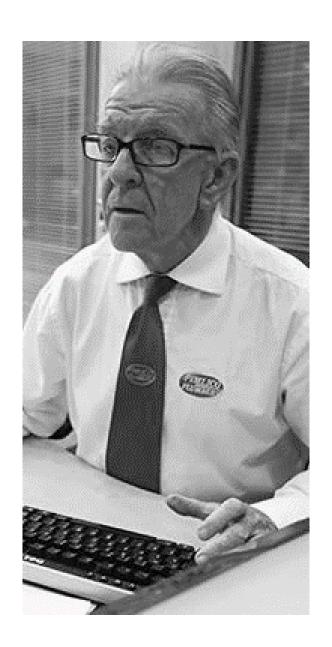














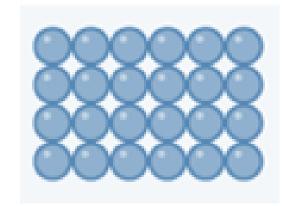






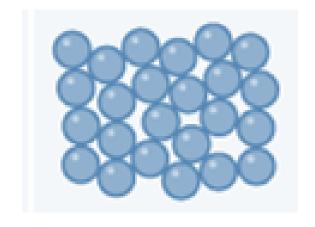






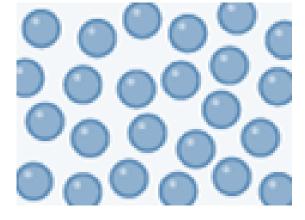










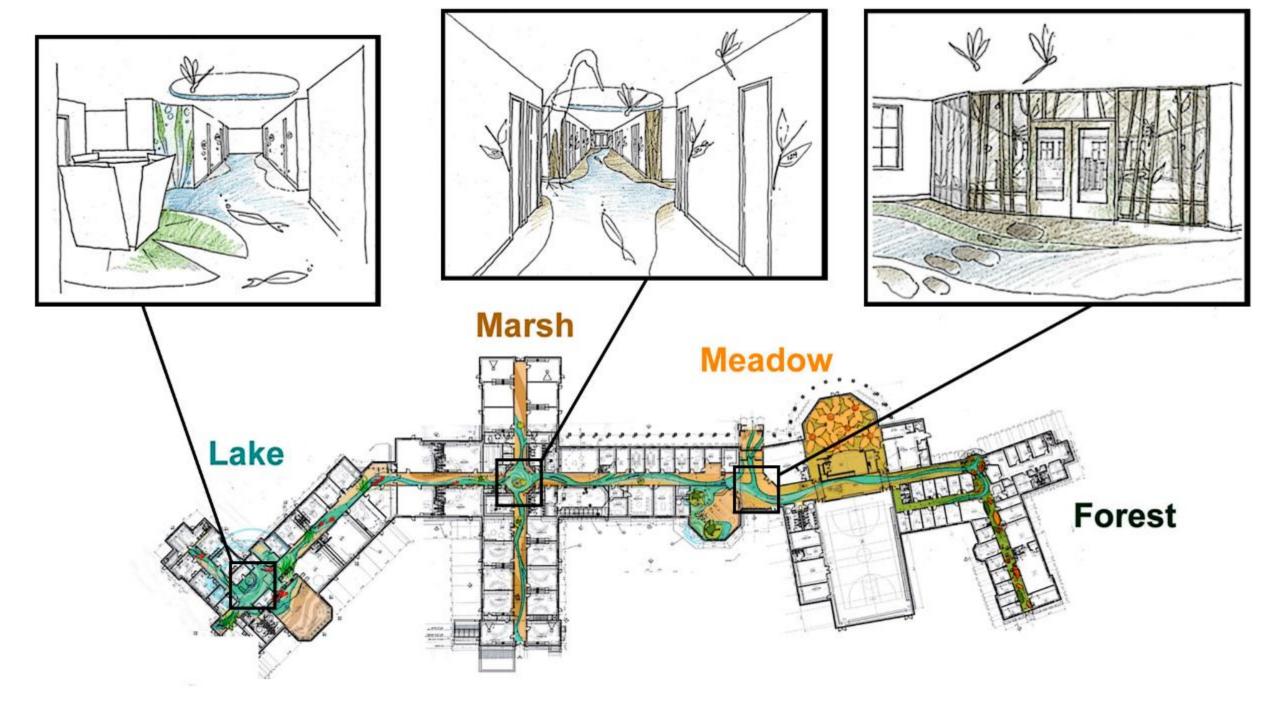
















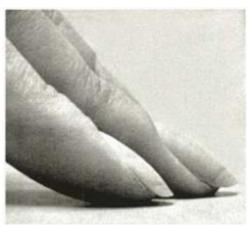


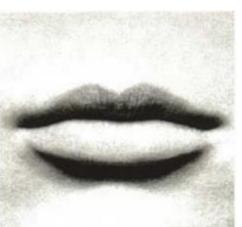


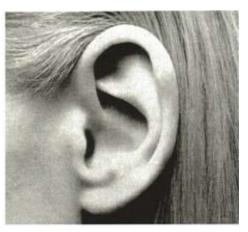


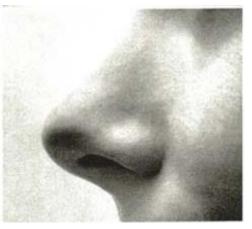
SENSORY











The five senses you know:

• Sight, touch, taste, hearing, and smell

The two you may not know:

- Vestibular: ability to maintain balance and body posture.
- Proprioceptive: sense of movement and body position

All seven continually send information to the brain.

WHAT IS ATTENTION?

Focus on SIGNAL in the presence of NOISE

WHAT IS SIGNAL?

object, lesson, matter, substance, material, phenomenon, spectacle, information

These things reinforce learning.

WHAT IS NOISE?

interference, obstruction, distraction, intrusion, glare, distortion

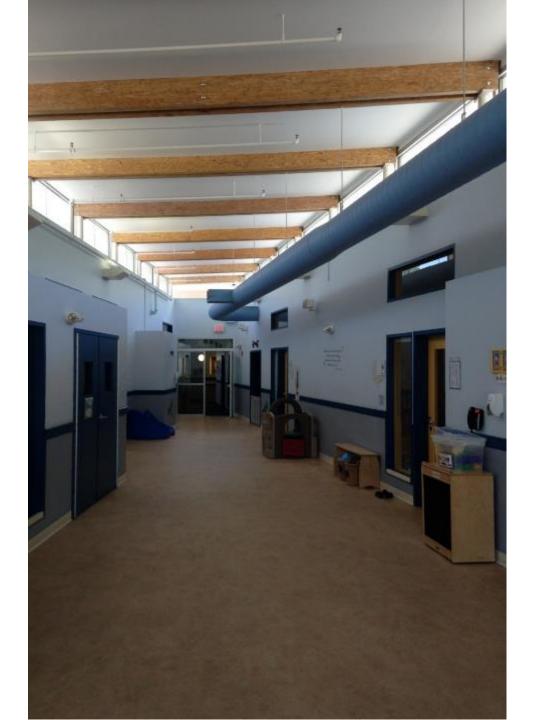
These things interrupt learning.

















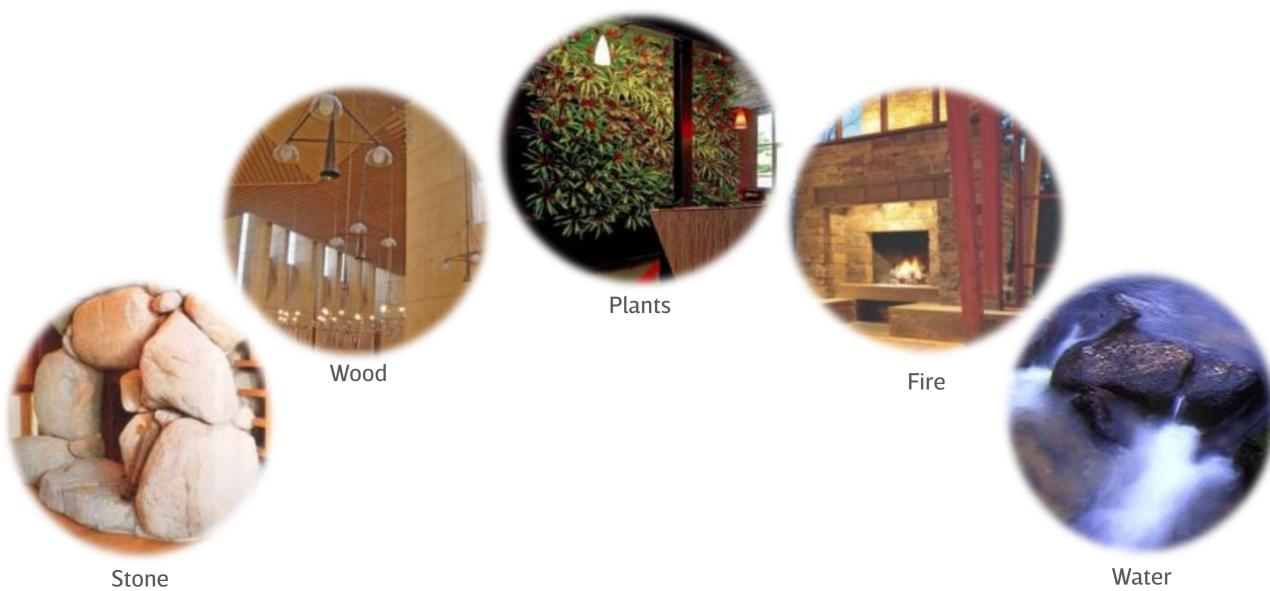
BIOPHILIC DESIGN



WHAT IS BIOPHILIC?

Connecting building occupants (i.e. children, caregivers, etc.) to NATURE to help foster a more PRODUCTIVE and HEALTHY environment

NATURE'S PALETTE



Water

COLOR PSYCHOLOGY



Red
Celebrate, Love, Warmth,
Glamour, Restful, Caution,
Increases appetite



OrangeRich, Exotic,
Appetizing



Yellow Cheer, Hope, Caution



Green
Calming, Nurture,
Fertility, Reinforces
attention and reading
comprehensive



Blue
Tranquil, Mystery,
Refreshing, Promotes
wakefulness



PurpleUnique, Regal,
Bravery

SUNSHINE COTTAGE







CASE STUDY: MARYLAND SCHOOL FOR THE DEAF

















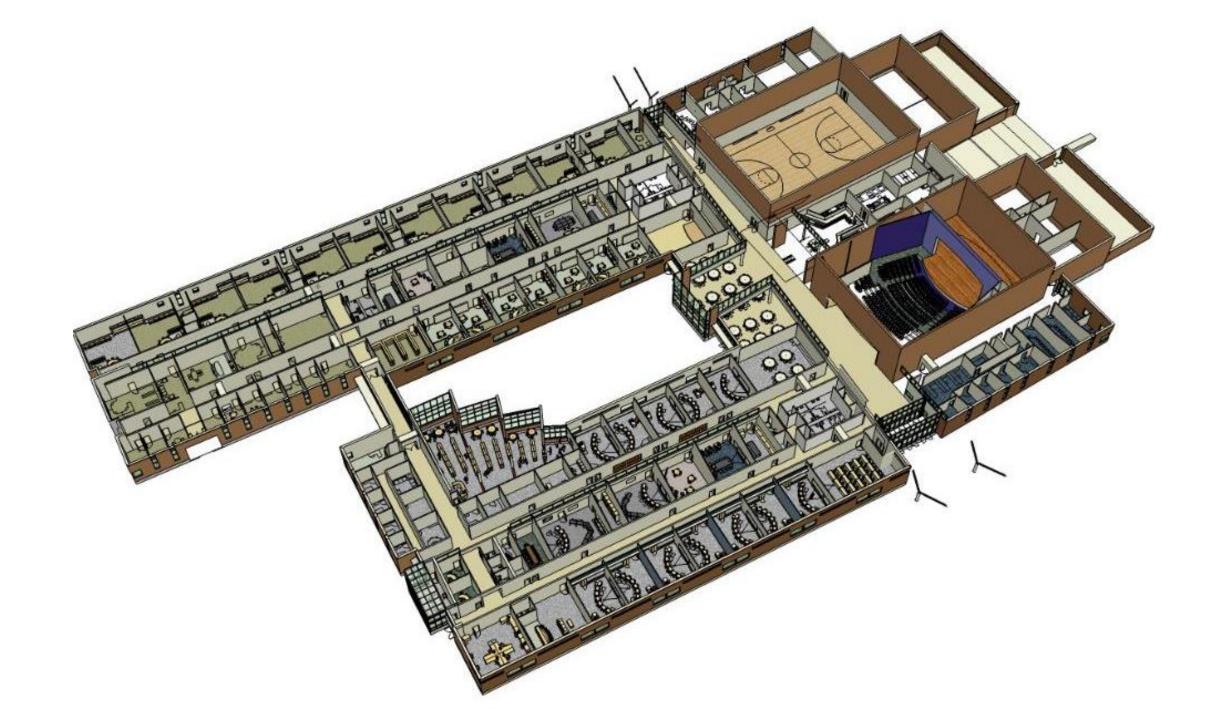


CASE STUDY: DELAWARE SCHOOL FOR THE DEAF





















CASE STUDY: CENTENE CHILDCARE CENTER









CASE STUDY: MAGNOLIA SPEECH SCHOOL





















YOUR TURN...

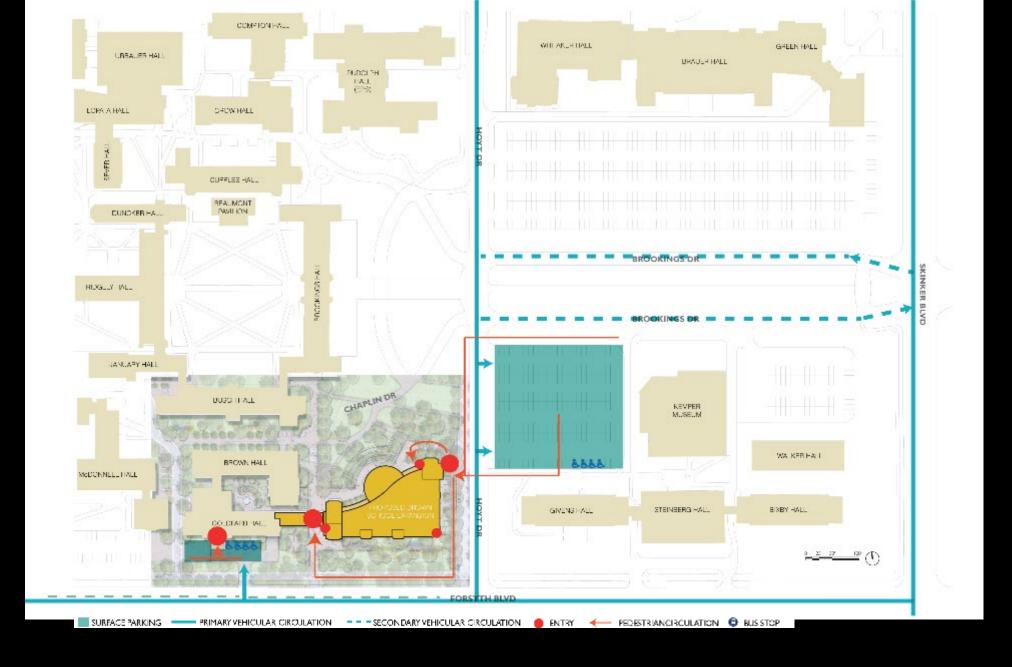


CASE STUDY: BROWN SCHOOL OF SOCIAL WORK





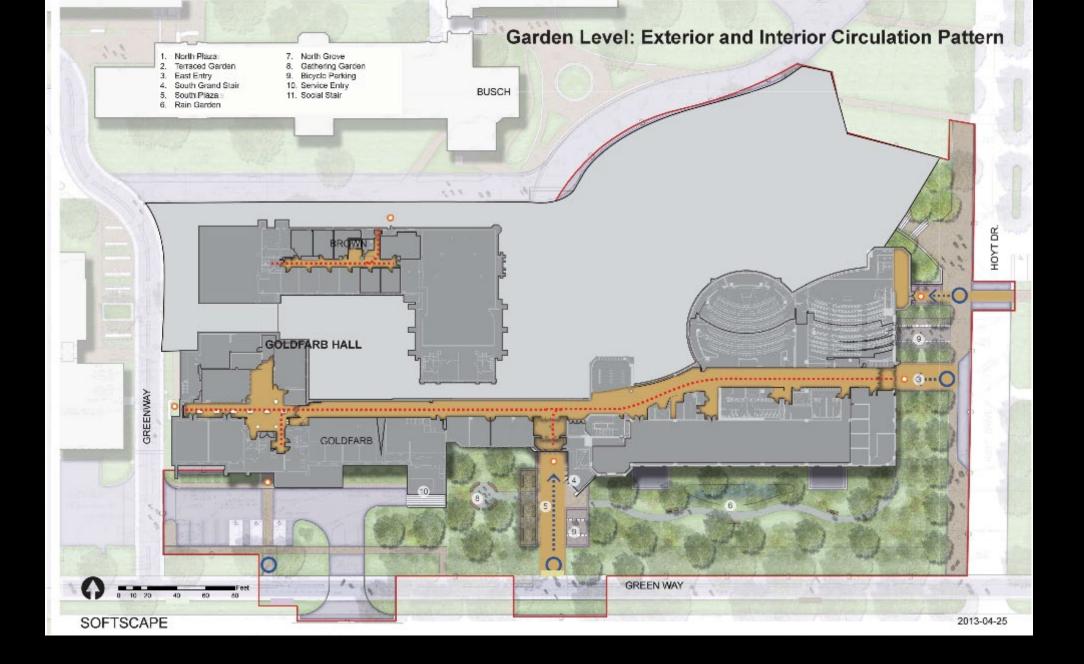
Master Planning for Brown School of Social Work



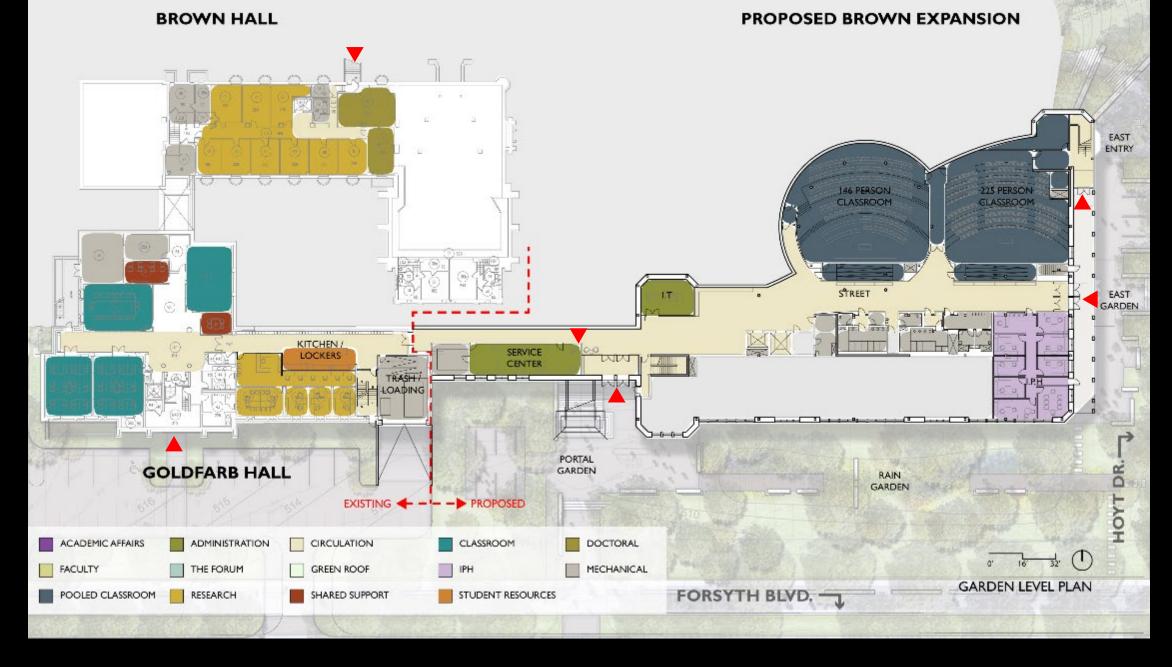
Primary Vehicular & Pedestrian Circulation Patterns

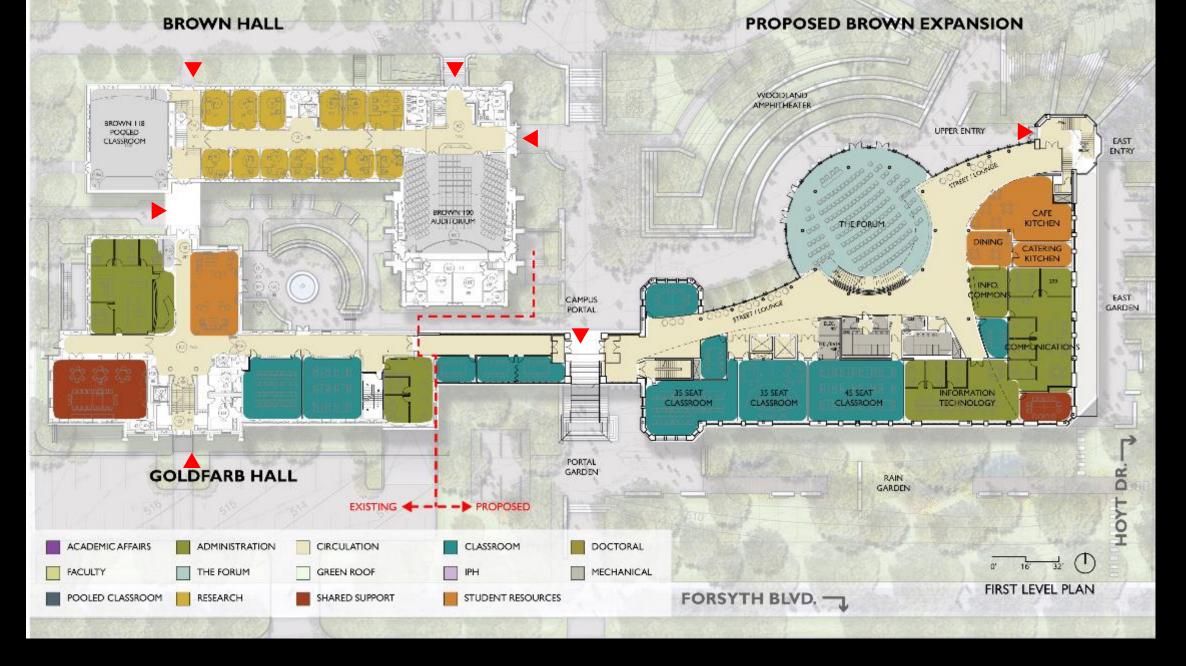




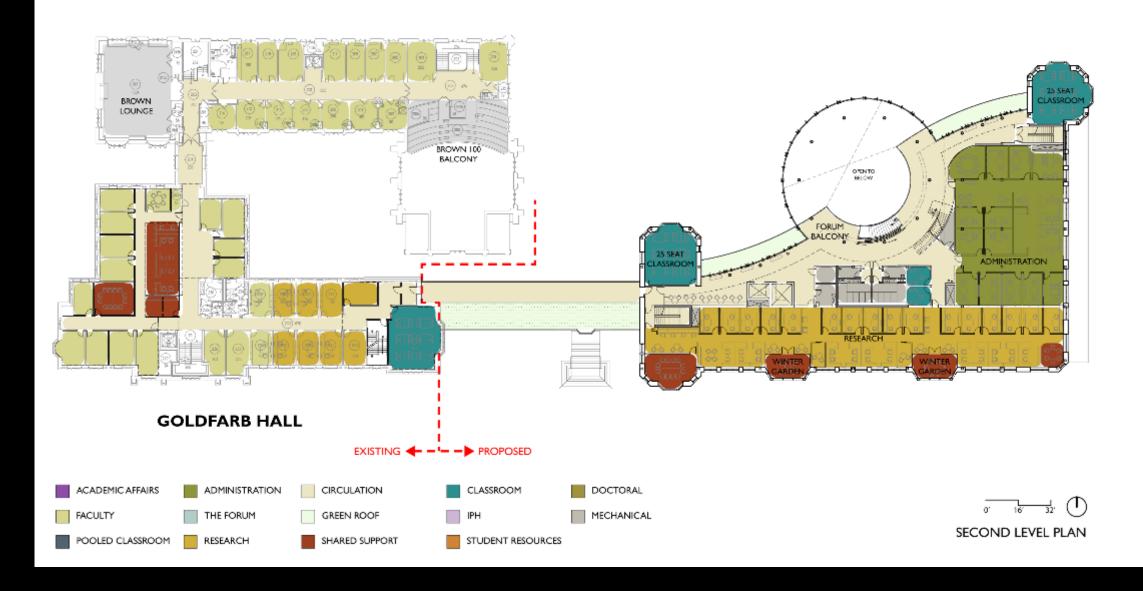




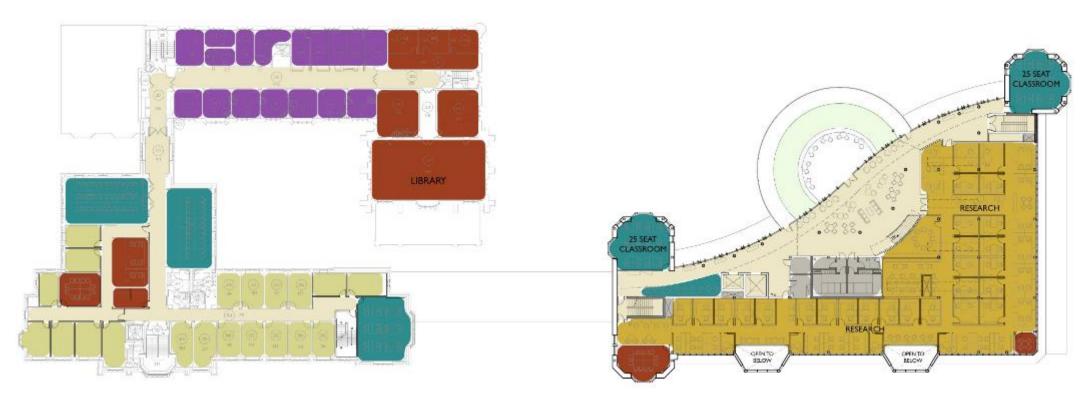




LEVEL 1



PROPOSED BROWN EXPANSION



GOLDFARB HALL

