DEVELOP A "MAIN STREET" CONNECTING NEW TO EXISTING

OPEN TO ABOVE

EXPLORE REMOVING WALL TO UNIFY FITNESS SPACE

NEW ADDITION FIRST LEVEL 35,000 SF

EXPLORE REMOVING WALL TO CONNECT TO 2007 REC CENTER

NC State University
Carmichael Renovation + Addition

FIRST FLOOR DIAGRAM A
2016.12.19
NEW ADDITION
SECOND LEVEL
29,000 SF

EXPLORE REMOVING WALL TO UNIFY FITNESS SPACE:
OPEN? GLASS?

EXPLORE REMOVING WALL TO CONNECT TO 2007 REC CENTER

OPEN TO BELOW
NEW ADDITION
SECOND LEVEL
21,000 SF

OPEN TO BELOW

EXPLORE REMOVING WALL TO CONNECT TO 2007 REC CENTER
EXPLORE REMOVING WALL TO UNIFY FITNESS SPACE. OPEN? GLASS?

NEW ADDITION
SECOND LEVEL
29,000 SF

OPEN TO EXTERIOR

ENCLOSED CONNECTOR

22'-0" OPEN TO BELOW

NC State University
Carmichael Renovation + Addition

SECOND FLOOR DIAGRAM B
2016.12.19
NEW ADDITION
SECOND LEVEL
21,000 SF

ENCLOSED CONNECTOR

OPEN TO EXTERIOR

22' - 0"

OPEN TO BELOW

UP
UP
UP
UP
OPTION A - Route Around (Shown)
- longer route
- can be direct buried (less $/ft.)
- good access for maintenance
- done in early site package
- preferred by Facilities
- standard practice on campus

OPTION B - Route Under New Building
- shorter route
- requires walkable tunnel (more $/s.f.)
- difficult for maintenance
- requires protection during construction
- salvaging portion of existing basement to use as tunnel not feasible
Georgia Tech University
Georgia Tech University

Appreciate the natural light, but prefer some options where they were not ‘on display’

Openness was extreme (wasted space / volume)

Fitness area felt open from above, but was actually crowded on the floor

Pool was exceptional, but the fitness and outdoor spaces did not meet the students needs

Celebration of history, graphics

Poor ventilation, chlorine smell

Private Free Weights
The largest roof mounted solar array at the time of its construction.

Olympic Games

This building hosted the swimming events for the Atlanta Olympic Games in 1996. At the time, the 340 kW solar array on the roof was the largest in the world.

5 Steps to Solar Power

1. Sunlight is collected by the hundreds of solar cells on the CRC roof.
2. The photovoltaic panels convert the sun's energy into electricity.
3. Once the electricity is captured, it travels to the inverter, where it is converted from DC into AC power.
4. The electricity is now able to be stored at the CRC.
5. The electricity is used for powering the campus recreation center and heating the pool to a constant 78 degrees.

Campus Recreation Center

The building was converted to the campus recreation center after the games, and the pool open to students is heated with the electricity generated by the panels on the roof. There is enough power created to keep the pool water at a constant 78 degrees year-round.

1996

Today
Kennesaw State University
Kennesaw State University

Like the repurposed wood (Outdoor Rec)

Appreciate the amount of multi-use space

Cardio on second floor provided a view and natural light without being on display

Student Oriented

Display Kitchen

Liked Big Ass Fans and Light Clouds
Auburn University
Auburn University

Yoga Studio was AMAZING!

Floor to floor visual connection to different ‘neighborhoods’

Graphics are powerful (but should be based on North Carolina)

Intuitive and student friendly

Bathroom tile (orange + blue stripes) ‘has to go’

MAC court is another example of Multi-Purpose / Flexible space

Blend of openness and private options for workout space

Meditation space / Court yard is ‘like the core of wellness’