STUDENT + FACULTY OPEN HOUSE
Clearly defined entry. Should be open, welcoming, accessible, and full of natural light.

Should reflect the ‘Think + do’ mentality of NC State and showcase innovation.

Forward thinking architecture, continue to improve Cates Avenue and Neighborhood, Sustainability is critical, focus on wellness.

Multi-Purpose spaces, convertible modular spaces, open to all students

Open, flexible space. Indoor turf for functional training.
<table>
<thead>
<tr>
<th>BEST THINGS</th>
<th>WORST THINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lots of Space, Overall Space, Footprint</td>
<td>Intimidating, disconnected, no main entry</td>
</tr>
<tr>
<td>Location on campus, Hub of Activity</td>
<td>Building feels old, outdated</td>
</tr>
<tr>
<td>Fit Ground + Outdoor Field Space</td>
<td>Indoor track</td>
</tr>
<tr>
<td>Locker Rooms, Lounges, Hangout Space</td>
<td>Access control, security, safety</td>
</tr>
<tr>
<td>Support from leadership, fitness classes</td>
<td>Weight room above studios</td>
</tr>
</tbody>
</table>
SITE ANALYSIS
Section 12

- Cates and Morrill intersection redefined to the west by creating a pedestrian priority zone with raised street, material change and removal of head in parking
- Pedestrian flow redirected through the new Talley Student Center
- Relocation of new Talley Student service area reduces traffic flow at the intersection
- Relocated Bus and Shuttle drop off removes traffic from Talley front entrance
- Regrading at the street creates a smoother transition across Cates Avenue connecting Talley to Carmichael Gymnasium
- South sidewalk expands to create a series of small terraced elements in front of Carmichael Gymnasium
- Expanded north sidewalk and Talley entry plaza serves as the main pedestrian zone with green buffers to the street
TRANSPORTATION MASTER PLAN
BUS ROUTES

- Varsity RT-5
- Greek Village Rt-9
- Engineering RT-3
- Avent ferry RT-1

SOUTH EAST LOOP ROUTE
- NEW SE LOOP STOP
- SE LOOP STOP
- MID DAY TEXTILE ROUTE STOPS

OTHER ROUTES
- Varsity RT-5
- Greek Village Rt-9
- Engineering RT-3
- Avent ferry RT-1

FLOW DIRECTION

OTHER ROUTES STOPS
UTILITIES ANALYSIS
ENTRY ANALYSIS
**Entry Option 1: Connection to Talley**

Pros:
- Direct Connection to Talley
- Central Lobby
- Visibility from Public Through-Way

Cons
- Additional Non-Fitness SF
- Complex Security / Entry Lobby
Entry Option 2: Cates Axis

Pros:
- Highly Visible Entry from Cates
- Midpoint between Bus Stop + Talley
- Less Non-Fitness SF

Cons
-Disconnected from Talley
- Lobby at Edge
**Entry Option 3: Bus Stop**

**Pros:**
- Highly Visible Entry from Cates
- Direct Connection to Bus Stop
- Less Non-Fitness SF

**Cons**
-Disconnected from Talley
- Lobby at Edge
CODE ANALYSIS
NEW ADDITION
SECOND LEVEL
29,000 SF

OPEN TO BELOW FOR ROCK WALL

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

EXPLORE REMOVING WALL TO CONNECT TO 2007 REC CENTER

NC State University
Carmichael Renovation + Addition
SECOND FLOOR DIAGRAM
2016.12.13
WELL BUILDING STANDARD
Seven Concepts

- air
- water
- nourishment
- light
- fitness
- comfort
- mind
Body Systems Applied to WELL Features

A simple way to express the built environment’s complex impact on the human body