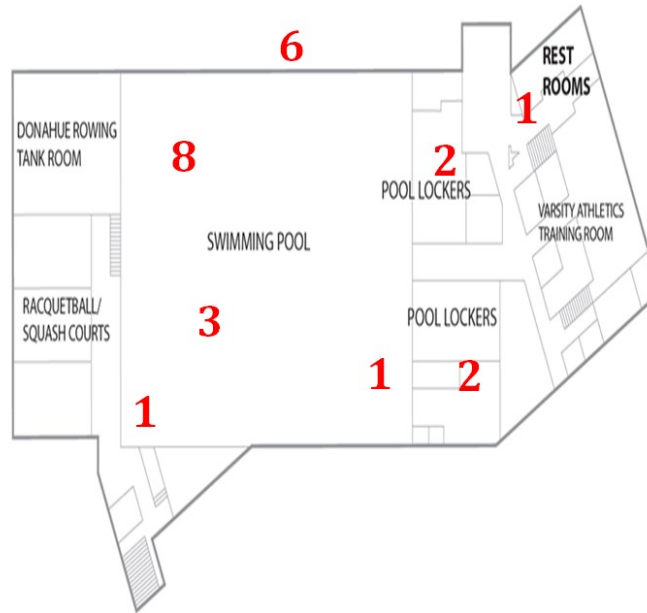


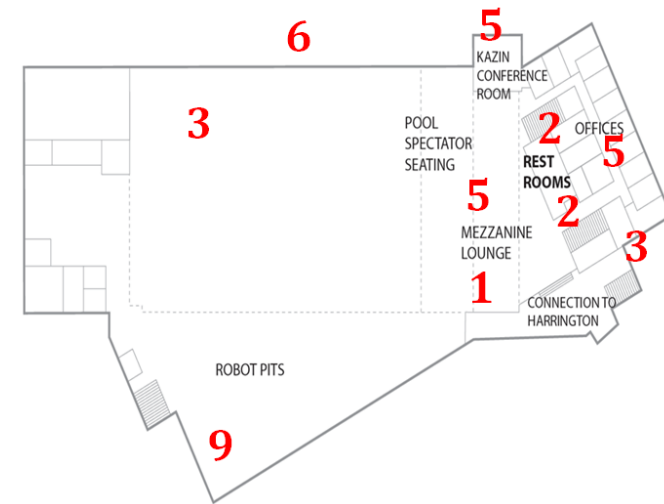
KEY FEATURES

1. Water Bottle Filling Stations—helped us avoid the purchase of 320,000 disposable water bottles in first year of operation!
2. Energy Efficient Hand Dryers—faster than regular dryers, and no heating element! And better than paper towels - they don't require extra raw material, energy for processing and transporting, manpower for restocking, and disposal in landfills.
3. Lighting Sensors and Controls—save energy by automatically dimming to balance interior lighting with available daylight.
4. Interior Sunshades—reduce glare and solar heat gain, requiring less energy to heat and cool.
5. Bamboo Wall Paneling, Doors, and Ceiling Tiles—bamboo is as hard as maple and can be harvested after 3 years of growth, rather than oak, which requires 120 years before harvesting.
6. Exterior Sunscreens—these woven stainless steel screens absorb the sun's heat before reaching the interior of the building. They also reduce glare.
7. Sunshading Exterior Mullions— minimize solar heat gain by shading the exterior side of the windows, minimizing the depth of direct sunlight shining into the building in the summer. In the winter, they also help reflect sunlight deeper into the building when the sun is lower, increasing daylighting and reducing the need for artificial light.
8. Solar Heated Pool Water—50 solar panels on the roof help preheat the pool water so maintaining pool water temperature at 81 degrees is done more efficiently avoiding or minimizing the use of gas water heaters.
9. Rainwater Harvesting System—two 25,000 gallon cisterns buried beneath the Quad collect and store rainwater from the roof until it is periodically pumped into water tanker trucks by groundskeepers to irrigate landscaping, especially helpful in protecting our landscaping investments during local water bans.



1ST FLOOR

- 1—Water Bottle Filling Stations
- 2—Energy Efficient Hand Dryers
- 3—Lighting Sensors and Controls
- 6—Exterior Sunscreens
- 8—Solar Heated Pool Water

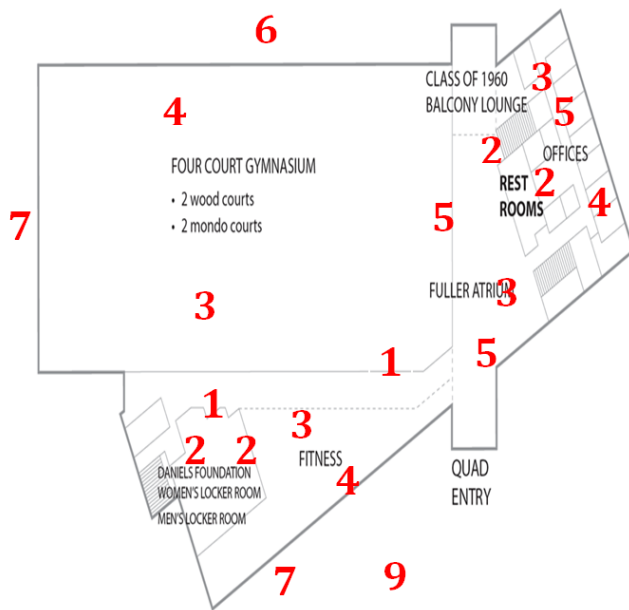


2ND FLOOR

- 1—Water Bottle Filling Stations
- 2—Energy Efficient Hand Dryers
- 3—Lighting Sensors and Controls
- 5—Bamboo Paneling, Doors & Ceiling Tiles
- 6—Exterior Sunscreens
- 9—Rainwater Collection System

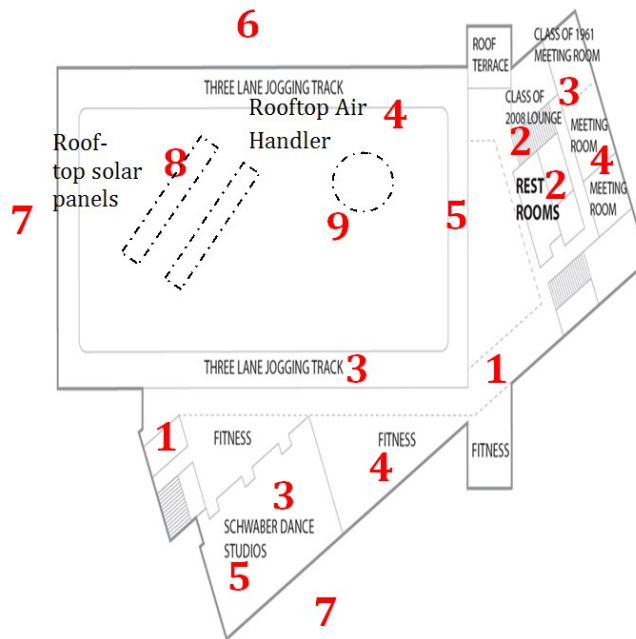


Sports & Recreation Center Sustainability



3RD FLOOR

- 1—Water Bottle Filling Stations
- 2—Energy Efficient Hand Dryers
- 3—Lighting Sensors and Controls
- 4—Interior Sunshades
- 5—Bamboo Paneling, Doors, & Ceiling Tiles
- 6—Exterior Sunscreens
- 7—Sunshading Exterior Mullions
- 9—Rainwater Cisterns (buried beneath Quadrangle)



4TH FLOOR

- 1—Water Bottle Filling Stations
- 2—Energy Efficient Hand Dryers
- 3—Lighting Sensors and Controls
- 4—Interior Sunshades
- 5—Bamboo Paneling & Ceiling Tiles
- 6—Exterior Sunscreens
- 7—Sunshading Exterior Mullions
- 8—Rooftop Solar Thermal Panels
- 9—Rooftop Rainwater Collection



For more information about sustainability at WPI or the Sports & Recreation Center, visit:

<https://www.wpi.edu/offices/sustainability>