

**Science & Engineering**, the largest and most innovative academic and research building on campus, creates collaborative learning opportunities for students, faculty, staff and community. It brings together the departments of biology, physics, mechanical and aerospace engineering, the Institute for Science and Space Studies, and the CU Institute for Bioenergetics. The building also functions as a destination for K-12 field trips to inspire young visitors about math, science, engineering, and computing disciplines.



# GREEN POINTS SELF-GUIDED TOUR

## Science & Engineering Building

### Leadership in Energy and Environmental Design

LEED® is a whole-building approach to green buildings recognizing performance in **five key areas** of human and environmental health:



- Sustainable Sites
- Energy & Atmosphere
- Water Efficiency
- Materials & Resources
- Indoor Environmental Quality

For more information about sustainability initiatives at UCCS, visit:  
[www.uccs.edu/sustain](http://www.uccs.edu/sustain)



### What can you do to be more sustainable?

- Always turn off office and classroom lights when you leave
  - Turn off computers including monitors every night. Screensavers do not save energy—put your computer to sleep
  - Use daylighting whenever possible—ask yourself if you really need an overhead light
  - Switch to compact fluorescent or LED for your light bulbs
  - Use a reusable water bottle—avoid bottled water
  - Bring your own coffee mug
  - Walk, bike, or bus to the campus
  - First determine if you need to print, then print double-sided
- Reduce, Re-use, Recycle
  - Request local and organic foods
  - Get involved in sustainability groups on campus

### What did you learn on this green tour that you didn't already know? List 3 things:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Visit our green kiosk with real time energy use and solar production monitoring in Level 2 lobby.  
[www.uccs.edu/kiosk/seng](http://www.uccs.edu/kiosk/seng)

UCCS submitted 40 LEED points to earn Gold level certification.



### UCCS Office of Sustainability



### How to take this tour:

1. There are a total of 23 Green Point signs distributed on all four levels of the building.
2. Each Green Point sign has information about a green feature of the building.
3. Each sign also has Eco-phrase words that contribute to a full sentence for each floor. (Hint: Look for "Eco-Phrase Puzzle Piece." There are 4 sentences if you do the entire tour.)
4. Visit all 23 signs and write down all of the Eco-phrase words in correct spaces provided on the inside of this guide to finish the Eco-phrase puzzle for each floor.

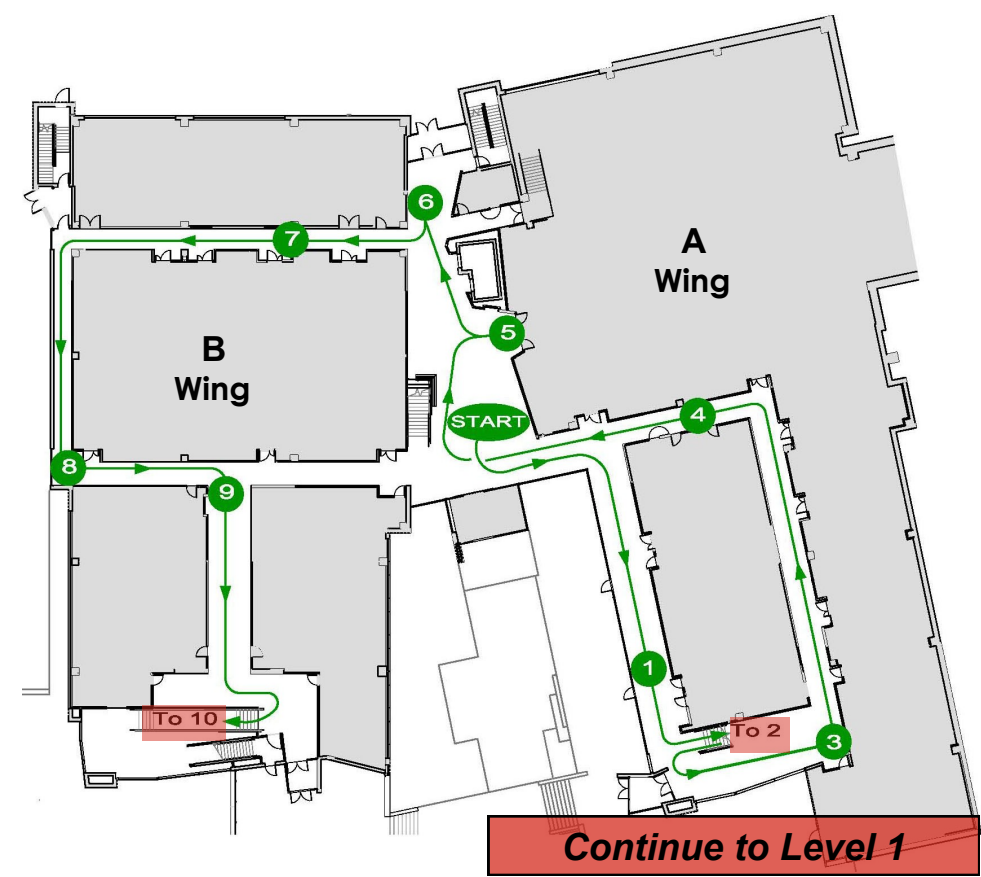




**Start Tour Here** →

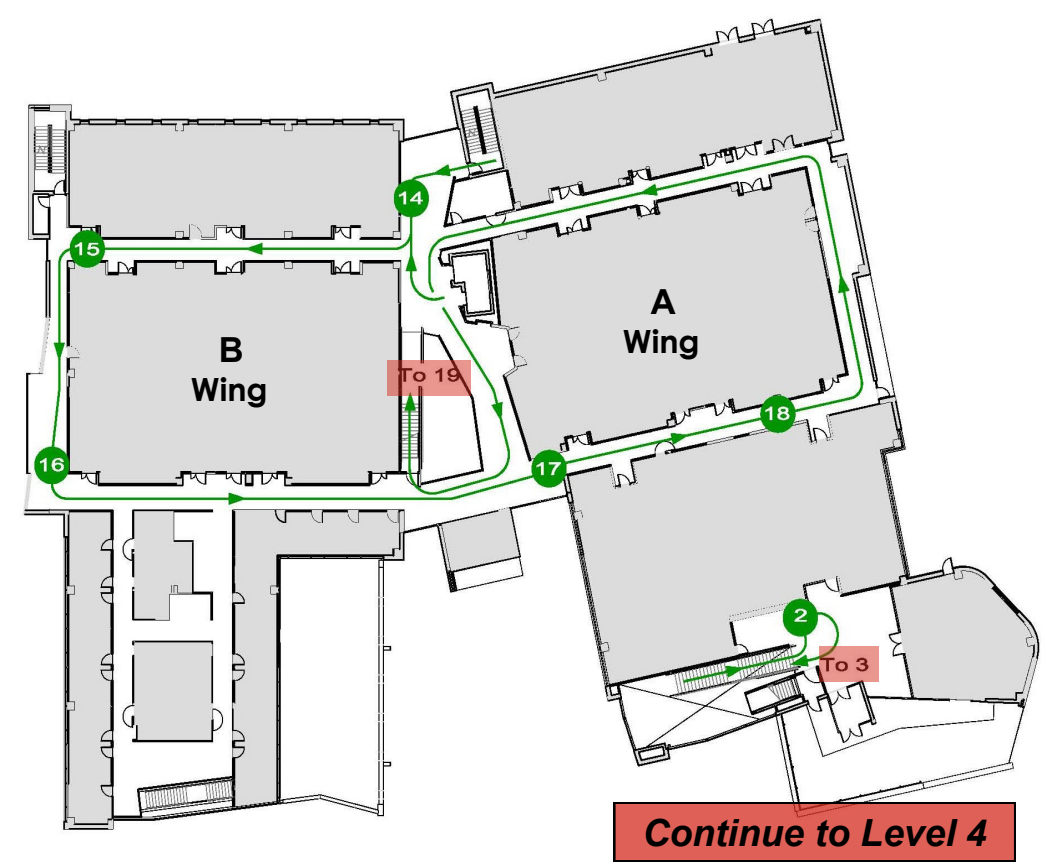
# Level 2

- 1. Reduce Site Disturbance
- 2. Recycled Content (Level 3 Upstairs)
- 3. Collection of Recyclables
- 4. Bike Storage/Changing Room
- 5. Water Efficiency
- 6. Regional Materials
- 7. Energy Performance: Mechanical
- 8. Light Pollution Reduction
- 9. Low-emitting Materials: Carpet



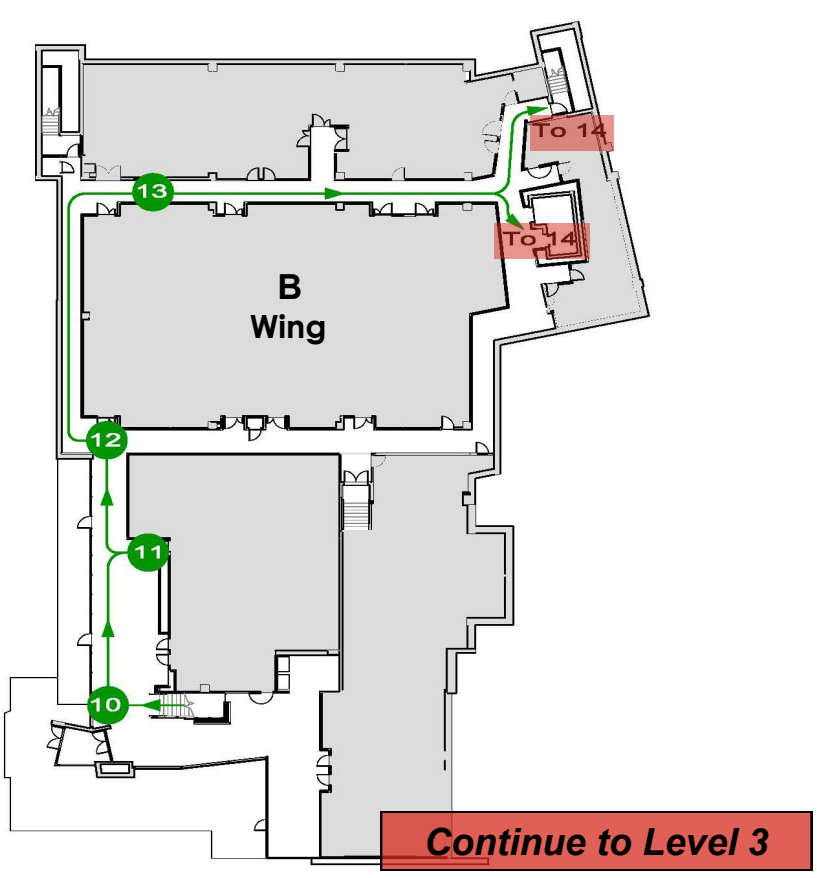
- 14. Construction Waste Recycling
  - 15. Optimize Energy Performance: Heat Recovery System
  - 16. Alternative Transportation No New Parking
  - 17. Controllability of Thermal Comfort: Operable Windows
  - 18. Low-Emitting Materials: Agrifiber and Composite Wood Products
- Note: Access Green Point #2 from Level 2.**

# Level 3



- 10. Optimize Energy Performance: Window Treatment /Sun Shades
- 11. Low Emitting Materials: Paints
- 12. Optimize Energy Performance: Daylight and Occupancy Sensors
- 13. Ice Storage System

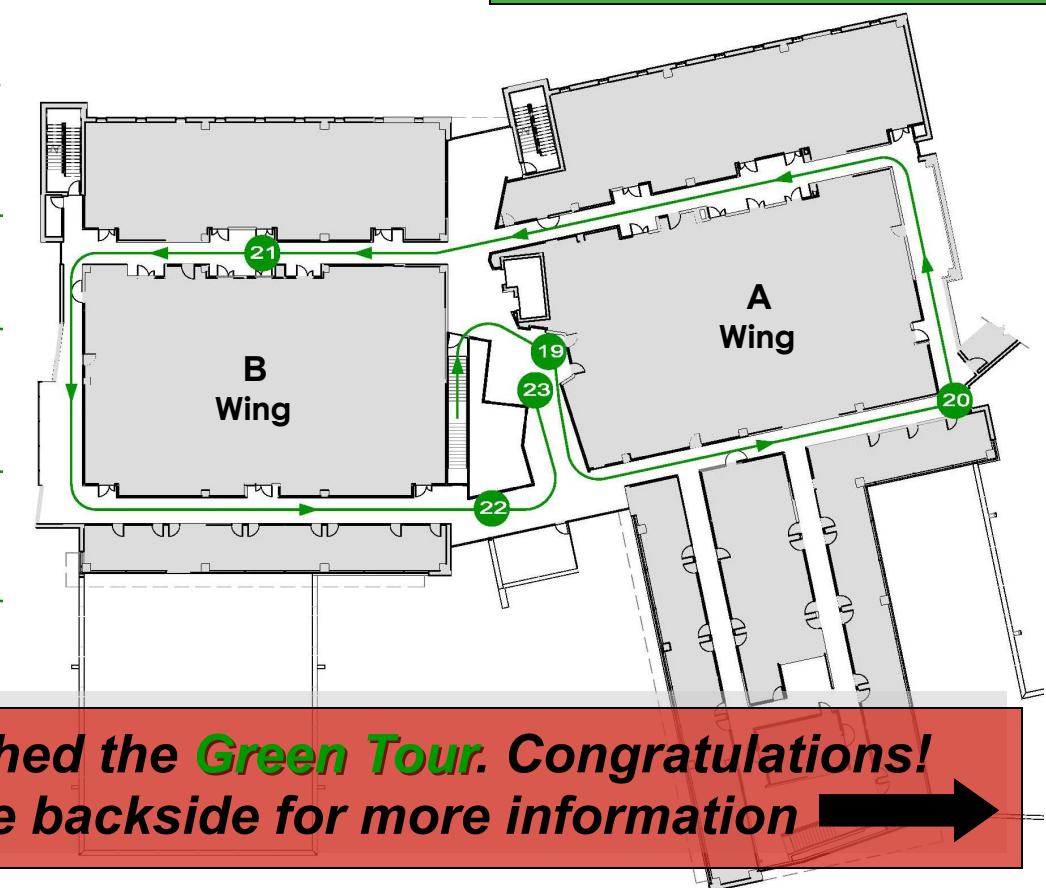
# Level 1



**Next: Take stairs or elevator to Level 3 and Green Point # 14.**

- 19. Water Efficiency
- 20. Maximize Open Space
- 21. Monitor Outdoor Air Delivery
- 22. Reduce Heat Island Effect: Reflective Roof
- 23. Solar Electric System

# Level 4



**You have finished the Green Tour. Congratulations! Flip to the backside for more information** →