

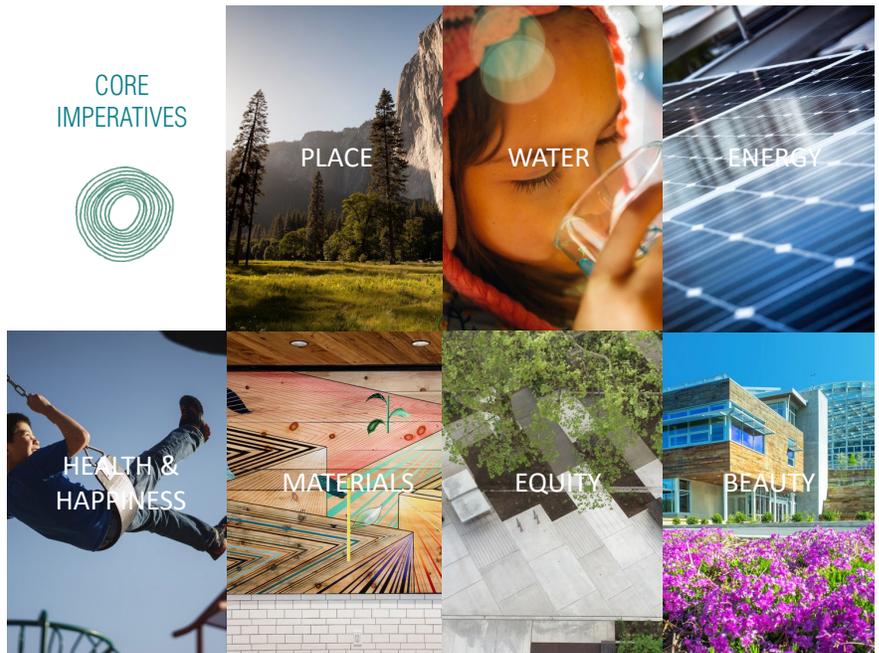
Northglenn City Hall | *Honoring our Environment*

It is with great pride that the City of Northglenn will align their new City Hall with the **CORE Green Building** rating system from the International Living Future Institute (ILFI). Additionally, on-site renewable energy in the form of rooftop and canopy mounted photovoltaics will achieve **Net Zero** operational energy use for the building.

The City of Northglenn will be the first municipal building to achieve CORE Green Building certification in Colorado, demonstrating the aspirations and commitment as a leader in regenerative design practices & sustainable operations.

The CORE rating system is nested within the Living Building Challenge (LBC), and is a simple framework that outlines the 10 best practices and achievements that buildings must obtain to be considered truly sustainable.

CORE
IMPERATIVES



PROJECT VISION:

The Northglenn City Hall will be a healthy, safe, and progressive place of work for city staff; and an inspiring civic resource for residents, serving as a gathering place and anchor of the Civic Center Campus that fosters a sense of pride, camaraderie, and community.

CORE GREEN BUILDING CERTIFICATION HIGHLIGHTS

1. Ecology of Place:

- Ecological regeneration
- Landscape to emulate the functionality of the historic ecology
- Landscape to establish biodiversity, habitat succession, hydrological health, and soil health
- No petrochemical fertilizers or pesticides used

2. Human Scaled Living:

- Focus on encouraging alternative transportation measures:
 - enhanced pedestrian routes
 - transit subsidies
 - carpool coordination
 - transit surveys
 - bike racks
 - E.V. charging stations
- Impervious parking area limited to 20% of site (groundwater recharge)

3. Responsible Water Use: water is a precious resource

- 50% reduction in the project's water use
- Only non-potable water for irrigation

4. Energy & Carbon Reduction:

- Net Zero
- Fully electric building (no natural gas)
- All timber structure reduces embodied carbon (the CO2 emissions associated with materials and construction processes) by 41%

5. Responsible Materials

- Prioritize products with Declare labels
- Declare label is a building material certification process that assures contributions to human health



- 20% of the materials construction budget will be sourced within 310 miles (500km), a significant reduction in CO2 emissions due to transportation and shipping

- 80% of construction waste will be diverted from the landfill

6. Healthy Interior Environment

- Meets ASHRAE 62 - a high performance standard for indoor air occupant health

- 80% of occupants have views to the outdoors as well as daylighting



7. Universal Access

- Principles of Universal Design used to ensure individuals of all abilities feel comfortable and welcome at the City Hall

8. Inclusion

- Promote inclusion throughout the design and construction process & contract awards
- Project design / build team will include organizations that have their "JUST" label or are registered Minority, Woman, or Disadvantaged Business Enterprises



9. Beauty and Biophilia

- Nature is inherently good for our health and wellbeing
- Biophilic design seeks to connect us with nature, even when we are indoors
- Daylighting, views to the outdoors, the use of natural materials.

10. Education & Inspiration

- Share solutions & implementations w/ broader Colorado community
- Catalyze broader change
- Providing building tours, brochures, interpretive signage, education website

