

COG BEEAC

May 16, 2019

Sandy Wiggins
Principal, Consilience LLC

10,000,000,000

1,000,000,000

1,000,000

0

10,000,000,000



**NOW IS THE
RIGHT TIME
FOR A WORLD
OF LIVING
COMMUNITIES**

Imagine a city or neighborhood sharing resources from building to building, growing food and functioning without a dependency on fossil fuels.





LIVING COMMUNITY CERTIFICATION

A community achieves Living Community Certification by attaining:

- all Imperatives, and
- Living Building Certification for a majority of capital projects developed or renovated by the community²



ZERO ENERGY COMMUNITY CERTIFICATION

The marketplace has characterized zero energy in many different ways. The Institute has a simple definition:

One hundred percent of the community's energy needs on a net annual basis must be supplied by on-site renewable energy. No combustion is allowed.

The Zero Energy Community CertificationSM program uses the structure of the Living Community Challenge 1.2 to document compliance and requires:

- Imperatives to be achieved: 01, Limits to Growth; 06, Net Positive Energy (reduced to one hundred percent and does not require storage for resilience)
- Zero Energy Building CertificationSM for a majority of capital projects developed or renovated by the community²

As with Living Community and Petal Certification, ZE Community Certification is based on actual performance rather than modeled outcomes.

² See pg 15 for more information

HOW THE LIVING COMMUNITY CHALLENGE WORKS

4. Certification: Living Community Certification
 Once a planned Living Community has completed construction and has a minimum of twelve months of continuous operation, it may apply for Petal or Living Community Certification (assuming that the compliant Living Community Master Plan has not been undermined by actual infrastructure implementation). Because a Community is often built in phases, the Community may work with the Institute to determine if the phase is significant enough to trigger certification for that portion of the development. This is likely a suitable strategy for large community or campus plans.

Existing buildings within the community or buildings not under the ownership of the Community do not have to be certified as Living Buildings (although they are encouraged to be). However, all built infrastructure within the Living Community must meet the requirements of the LCC program. A majority of capital projects developed or renovated by the community (50% or more by area or individual building count) must meet the Living Building Challenge for the project to earn Living Community Challenge certification. In the situation where the community does not own or develop any buildings, at least one building must be certified to the Living Building Challenge Standard. Imperatives 01-06 are considered Community-Wide Imperatives where compliance with the requirements should be averaged throughout the entire community boundary. Imperatives 07-20 are considered Community Asset Imperatives where compliance is determined by the application of the requirements throughout the community-owned buildings and infrastructure.



continued >>

PLACE



Photo: thefig7studios.com

1. Limits to growth
2. Urban agriculture
3. Habitat exchange
4. Human-powered living

WATER



Photo: zc se hof / Shutterstock.com

5. Net positive water

ENERGY



Photo: GreenestHub.net.au / SNU for public domain

6. Net positive energy

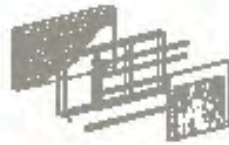
HEALTH & HAPPINESS



Photo: Crdjan / Shutterstock.com

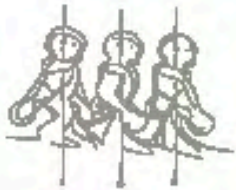
7. Civilized environment
8. Healthy neighborhood design
9. Biophilic environment
10. Resilient community connections

MATERIALS



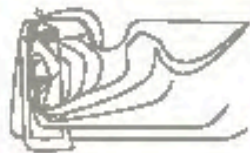
11. Living materials plan
12. Embodied carbon footprint
13. Net positive waste

EQUITY



- 14. Human scale and humane places
- 15. Universal access to nature & place
- 16. Universal access to community services
- 17. Equitable investment
- 18. JUST organizations

BEAUTY



19. Beauty & Spirit
20. Inspiration & Education



DRAFT



prepared for:



planning team:

Consilience LLC (team leader) | consilience.net
Dover, Kohl & Partners | doverkohl.com
Biohabitats | biohabitats.com
Integral Group | integralgroup.com

ANTIOCH COLLEGE VILLAGE MASTER PLAN

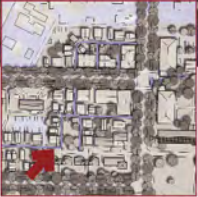
YELLOW SPRINGS, OHIO
April 20, 2015



Scale: 1 to 100



Multifunctional Gathering Spaces





Pedestrian Streets





View from above North College Street, looking south



prepared for:
Consilience LLC (team leader) | consilience.net
Dover, Kahl & Partners | doverkahl.com
Biohabitats | biohabitats.com
Integral Group | integralgroup.com

planning team:

ANTIOCH COLLEGE VILLAGE MASTER PLAN

YELLOW SPRINGS, OHIO
APRIL 20, 2015

"If you want to build a ship, don't herd people together to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea."

Antoine de Saint-Exupéry