

Lombard Co-Op Sustainability Checklist

* indicates previously mentioned item

BUILDING AND INFRASTRUCTURE	
<p>**build to at least LEED Silver standards. Submit all documents/verification to the Co-op Board. Will not pay for actual LEED certification, but must complete all required documentation.</p> <p>**LEED certification credits (see https://www.usgbc.org/guide/bdc) for details on specific categories</p> <p>-US Green Building Council provides information on sustainable architecture and LEED standards</p>	
1.1 LOCATION	Location of co-op is walkable, bikeable, accessible by public transportation
1.2 FEATURES	<p>1.2.1 INDSIDE</p> <ul style="list-style-type: none"> Low Maintenance Flooring Insulate as much as possible More electric Outlets than you think you need Indoor machines for cleaning floors – place to drain inside building – not storm drain. Place to wheel it in, drain and filter Dock area – more space than you think you'll need for recycling, compost, and trash Area for people to gather <p>1.2.2 OUTSIDE</p> <ul style="list-style-type: none"> Submeters for electric, gas, and water Permeable Pavers Electric Vehicle Charging stations Provide ample bike parking - covered if possible Green Roof Area for people to gather
1.3 MATERIALS	<ul style="list-style-type: none"> Use Forest Stewardship Council (FSC) certified wood to build out the store Low emitting materials (low VOC paints and adhesives) Recycled content finishes Minimized use of raw materials Local & multisage/sustainable (avoid rare wood and other materials)
1.4 LANDSCAPING	<ul style="list-style-type: none"> Rain Gardens Native Landscaping Tree Preservation

ENERGY	
2.1 INDOOR	<p>2.1.1 LIGHTING</p> <ul style="list-style-type: none"> LED Lighting Daylighting Occupancy Sensors <p>2.1.2 HVAC</p> <ul style="list-style-type: none"> Ceiling Fans Waste Heat Recovery System (Steam Trappers) <p>2.1.3 EQUIPMENT</p> <ul style="list-style-type: none"> Energy efficient equipment (refrigerators, freezers, stoves, ovens, etc.) <p>No open refrigerated areas – use doors or plastic slats that people can reach through. Some Whole Foods have retractable blinds (fine grey mesh), pull handle down when store closes.</p>
2.2 OUTDOOR	<p>2.2.1 RENEWABLE ENERGY</p> <ul style="list-style-type: none"> Solar PV panels Solar thermal panels <p>2.2.2 LIGHTING</p> <ul style="list-style-type: none"> Bird friendly lighting (downward) Timers for outdoor lighting (turn off every night at x time, dim to x percent at x time every night) Light pollution reduction LED Lighting <p>2.2.3 Features</p> <ul style="list-style-type: none"> Charging for Electric Vehicles*

WATER	
3.1 INDOOR	<ul style="list-style-type: none"> Grey water system for toilets Low flow toilets, sinks. Troughs with three (soap, water, air) – good for people with disabilities WaterSense fixtures Water bottle filling station Re-piped deli drain lines to eliminate the need for tempering devices at the steamers
3.2 OUTDOOR	<ul style="list-style-type: none"> Rain Gardens* Rain barrel system Use rain water for landscaping/irrigation*

WASTE	
4.1 CONSTRUCTION	<p>4.1.1 AVOIDANCE</p> <ul style="list-style-type: none"> Use left-over materials from other projects* <p>4.1.2 DIVERSION</p> <ul style="list-style-type: none"> Construction and Demolition Waste Management Planning Donate unused materials (construction companies, municipality, artists, community members) Sell unused materials to community Reuse unused materials in other areas of project (EX: at NCC we used construction waste to build a bar on that we use at campus events) Use a waste hauler that can provide a LEED report for recycling all C&D waste (Lakeshore) Save materials for repairs
4.2 INDOOR WASTE	<p>4.2.1 AVOIDANCE</p> <ul style="list-style-type: none"> Provide composting Provide biodegradable bags for customers Avoid use of plastics Use compost in community garden

- Use products that produce less waste (foam soap uses 70% less soap)
 - Purchase only reusable, compostable or recyclable products (serving ware, napkins, straws, etc.)
 - Purchase second-hand items for store (shelving, signage, etc.)
 - Provide/encourage customers to use reusables (glass, stainless steel, bamboo, etc.)
- 4.2.2 DIVERSION
- Provide donation bin for community members
 - Donate food to community organizations
 - Offer discount on bruised vegetables/fruit

POST CONSTRUCTION:

PARTNERSHIPS, PROGRAMS, AND INCENTIVES

5.1 PARTNERSHIPS	<ul style="list-style-type: none"> Conservation Foundation (Conservation@Work) The Climate Collaborative: group of businesses working to promote sound policy to reverse climate change
5.2 PROGRAMS	<p>5.2.1 PRODUCTS</p> <ul style="list-style-type: none"> Reusables* Natural alternatives (bamboo) Zero Waste (Bulk) Station <p>5.2.2 CO-OP PROGRAMS</p> <ul style="list-style-type: none"> Create a sustainability plan with specific goals Hire a part time sustainability coordinator or identify sustainability as part of an employee's job description SCARCE Earth flag: see https://www.scarce.org/earth-flags/ for requirements Employee shower for bikers Loaves & Fishes: food recovery donation program in DuPage County <p>5.2.3 CO-OP MARKETING</p> <ul style="list-style-type: none"> Create an engaging/educational sustainability presence on the Co-op website Show off local businesses that are sustainable or reducing emissions Obtain a .coop domain (through https://www.coop) Advertise partnerships with local businesses Create a newsletter Make sustainability plan open to public viewing <p>5.2.4 CUSTOMER PROGRAMS</p> <ul style="list-style-type: none"> Bike parking* Community garden Co-Op green stamp program: shoppers receive a stamp card for sustainable practices (bringing reusable bags, riding bikes) 10 stamps= \$1... can be donated or redeemed Diverse waste stations (recycling, compost, candy bar wrappers, plastic bags, electronics, etc.)
reference & details: rivervalley.coop ***	<ul style="list-style-type: none"> ***Bicycle benefits sticker: customers purchase a sticker for their helmet and receive a banana (or similar) and double green stamps when they ride their bike ***Kid Co-op explorers: kids register and receive a banana (or similar) for each time visiting and presenting "member" card ***Food for all benefits: customers who qualify for SNAP, WIC, or SSI may register and receive 10% off Blessing basket project (existing program): This group helps reduce poverty by selling the artisan's baskets, home decor and accessories
5.3 PURCHASING	<ul style="list-style-type: none"> Biodegradable bags* Sustainable Product Requirements BPA free receipts Compostable serving ware* Zero Plastic Packaging Work with local farmers
5.4 INCENTIVES	<ul style="list-style-type: none"> Charge for plastic bags/packaging Offer discount for customers using reusable
5.5 EVENTS	<ul style="list-style-type: none"> Community cooking classes Community art Farmer's/Artist's market Community gardening classes

