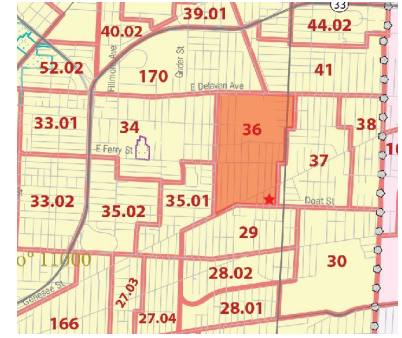


Health Situation Analysis - Data Description
Buffalo, NY: Buffalo Go Green Wellness Center and Urban Farm
 Census Tract: 36029003600
 Owner: Buffalo Go Green



Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Building							
Net zero upgrades to insulation		x				% reduction greenhouse gas emissions compared with code minimum. Equation: estimated annual greenhouse gas emissions / code threshold for annual greenhouse gas emissions. Metric: tons carbon equivalent	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Conserving energy in buildings. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Increase the implementation of NYSERDA-funded energy efficiency projects by 34% by 2015.</p> <p>Reduce the total regional GHG emissions from 2010 baseline by 30% by 2020.</p> <p>Western New York Regional Sustainability Plan. 2013. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>C-1. WNY Sustainable Business Roundtable. Voluntary reductions in MTCO2e.</p> <p>C-5. PACE - Property Assessed Clean Energy Financing -- use to fund energy efficiency and renewable energy installations.</p> <p>C-6. Property Tax Exemptions for LEED projects. (Note: Initiative currently on hold due to equity concerns. HSA might be a way to address that concern.) Erie County Commits to Paris. 2018. https://www3.erie.gov/climateaction/plan-development</p> <p>Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal</p> <p>Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development.</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Net zero upgrades to mechanical systems		x				% reduction greenhouse gas emissions compared with code minimum. Equation: estimated annual greenhouse gas emissions / code threshold for annual greenhouse gas emissions. Metric: tons carbon equivalent	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Conserving energy in buildings. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Increase the implementation of NYSEDA-funded energy efficiency projects by 34% by 2015.</p> <p>Reduce the total regional GHG emissions from 2010 baseline by 30% by 2020. (p. 20 of pdf)</p> <p>Western New York Regional Sustainability Plan. 2013. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>C-1. WNY Sustainable Business Roundtable. Voluntary reductions in MTCO2e.</p> <p>C-5. PACE - Property Assessed Clean Energy Financing -- use to fund energy efficiency and renewable energy installations.</p> <p>C-6. Property Tax Exemptions for LEED projects. (Note: Initiative currently on hold due to equity concerns. HSA might be a way to address that concern.)</p> <p>C-9. Renewable Heating and Cooling. (Check whether this project is located in a high priority geography for renewable thermal technology conversion.) Erie County Commits to Paris. 2018. https://www3.erie.gov/climateaction/plan-development</p> <p>Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal</p> <p>Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Net zero upgrades to lighting		x				% reduction greenhouse gas emissions compared with code minimum. Equation: estimated annual greenhouse gas emissions / code threshold for annual greenhouse gas emissions. Metric: tons carbon equivalent	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Conserving energy in buildings. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Increase the implementation of NYSEDA-funded energy efficiency projects by 34% by 2015. Reduce the total regional GHG emissions from 2010 baseline by 30% by 2020. (p. 20 of pdf) Western New York Regional Sustainability Plan. 2013. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>C-1. WNY Sustainable Business Roundtable. Voluntary reductions in MTCO2e. C-5. PACE - Property Assessed Clean Energy Financing -- use to fund energy efficiency and renewable energy installations. C-6. Property Tax Exemptions for LEED projects. (Note: Initiative currently on hold due to equity concerns. HSA might be a way to address that concern.) Erie County Commits to Paris. 2018. https://www3.erie.gov/climateaction/plan-development</p> <p>Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>
High albedo or planted roof/pavement		x				LEED credit	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>7.1.5. Parking Lot Landscape. Landscape at least 10% of interior of parking lot. 1 shade tree minimum 2 inch caliper or 3 ornamental trees 1 inch caliper every 20 parking spaces. Integrate landscaping with stormwater mitigation plan. (p. 7-5) 8.3 Vehicle Access and Parking. G. Parking Surfaces. Minimum SRI 29. (p. 8-7) 2016 Buffalo Green Code Unified Development Ordinance. https://www.buffalony.gov/DocumentCenter/View/1785/Buffero-Green-Code---Unified-Development-Ordinance-PDF?bidId=</p>
Enhanced filtration inside building	x		x	x		LEED credit	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Operable windows with screens; daylight and views of nature; "eyes on the street"		x		x	x	Percent windows operable	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Increase the implementation of NYSERDA-funded energy efficiency projects by 34% by 2015.</p> <p>Reduce the total regional GHG emissions from 2010 baseline by 30% by 2020.</p> <p>Western New York Regional Sustainability Plan. 2013. (p. 20 of pdf) https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>C-1. WNY Sustainable Business Roundtable. Voluntary reductions in MTCO2e.</p> <p>C-5. PACE - Property Assessed Clean Energy Financing -- use to fund energy efficiency and renewable energy installations.</p> <p>C-6. Property Tax Exemptions for LEED projects. (Note: Initiative currently on hold due to equity concerns. HSA might be a way to address that concern.) Erie County Commits to Paris. 2018. https://www3.erie.gov/climateaction/plan-development</p> <p>Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal</p> <p>Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>
Low emitting materials	x		x	x		LEED credit	None.
Neighborhood							

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
On-site food production, co-run with community members	x			x	x	Acreage urban farm/CSA.	<p>Preserving farmland. Growing agricultural economy. Increasing access to healthy food. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Keep acreage of cropland constant across the region compared with 2007 baseline. Western New York Regional Sustainability Plan. 2013. (p. 20 of pdf) https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>Promote the inclusion of food systems as part of climate resiliency and/or disaster mitigation planning efforts. Agriculture and Food Systems goal, Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p> <p>Priority Area 1 - Prevent Chronic Disease; Focus Area 1: Healthy Eatng and Food Security; Goal 1.1: Increase access to healthy and affordable fruits and vegetables. Erie County Community Health Assessment, 2019-2022. https://www3.erie.gov/health/sites/www3.erie.gov.health/files/2022-06/cha_1.pdf</p>
On-site vegetation	x	x		x	x	% site covered with vegetation	<p>Conserving natural open space. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>7.1.2. Site Landscape. B. requires a shade tree of a caliper of at least 2 inches or 3 ornamental trees of caliper of 1 inch for every 1,000 sf of non-paved and non-built area of site. 2016 Buffalo Green Code Unified Development Ordinance. (p. 7-3) https://www.buffalony.gov/DocumentCenter/View/1785/Buffalo-Green-Code---Unified-Development-Ordinance-PDF?bidId=</p> <p>Contribute to East Side greenway network (Buffalo Greenway plan)</p> <p>Increase urban tree canopy. Nature Based Solutions Goal, Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Place barriers and locate emissions sources away from openings/ air supply	x		x	x	x	100% electric site	<p>C-1. WNY Sustainable Business Roundtable. C-5. PACE - Property Assessed Clean Energy Financing -- use to fund energy efficiency and renewable energy installations. C-6. Property Tax Exemptions for LEED projects. (Note: Initiative currently on hold due to equity concerns. HSA might be a way to address that concern.) Erie County Commits to Paris. 2018. https://www3.erie.gov/climateaction/plan-development</p> <p>Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development.</p>
						Linear feet street trees and bushes	7.1.4.A. Street Trees. One street tree every 30 feet. 2016 Buffalo Green Code Unified Development Ordinance. (p. 7-4) https://www.buffalony.gov/DocumentCenter/View/1785/Buffalo-Green-Code---Unified-Development-Ordinance-PDF?bidId=
Design encourages physical activity and social connections	x				x	LEED/WELL credit	<p>Priority Area 1 - Prevent Chronic Disease; Focus Area 2: Physical Activity; Goal 2.2: Promote school, child care, and work site environments that support physical activity for people of all ages and abilities Erie County Community Health Assessment, 2019-2022. https://www3.erie.gov/health/sites/www3.erie.gov.health/files/2022-06/cha_1.pdf</p>
Community							

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Compact, multi-use development near transit and bike/ped infrastructure	x		x	x	x	Linear feet of sidewalks and protected bike lanes following Regional Bike Buffalo Niagara Master Plan Bicycle Treatment Design guidelines	<p>Concentrate new development where we already have infrastructure and next to transit. Reduce VMT. Bike friendly. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Reduce VMTs by 3% by 2020. Western New York Regional Sustainability Plan. 2013. (p. 20 of pdf) https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>Increase in share of commuting trips taken via alternative transportation modes. Decrease in number of reported motor vehicle crashes with pedestrians, cyclists or motorists Increase in dedicated bike paths, shared bike lanes, multi-use/recreational trails Decrease in vehicle miles traveled per capita Increase in share of residents with access to public parks and recreation areas Ch. 5. Smartly enhanced multi-modal arterials. C. Bike lanes. D. Safe pedestrian environment. I. Flexible curb space. J. New development along the street. P. 75. Buffalo Moving Forward 2050. https://www.gbnrtc.org/metropolitan-transportation-plan</p> <p>3.2 Building Types. D. Pedestrian-Priority Frontage. Design edges of site as PPF to encourage walking/cycling. (p. 3-14) 8.4 Transportation Demand Management Plan. Required. (p. 8-12) 10.2.3 Bicycle Facilities. Work with City to install 3. Buffered bike lane, 6. Cycle track, 7. Raised cycle track, or 8. Two-way cycle track. (10-7) 2016 Buffalo Green Code Unified Development Ordinance. https://www.buffalony.gov/DocumentCenter/View/1785/Buffalo-Green-Code---Unified-Development-Ordinance-PDF?bidid=</p> <p>Add bike/ped infrastructure in a neighborhood designated in the plan as high equity needs. Help close an "on road route gap" and "off road greenway gap" west of East Ferry St @ Bailey Ave intersection. Regional Bike Buffalo Niagara Master Plan (2021). pp. 37 & 45 & 51. Particularly linking into Northeast Greenway Initiative Trail (p 82) https://www.gbnrtc.org/bikebuffaloniagara</p> <p>Support development of Complete Street along East Ferry. Transportation Goal in Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
	x	x		x	x	Number of transit stops within 1/4 mile of main entrances	<p>Concentrate new development where we already have infrastructure. Reduce VMT. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Reduce VMTs by 3% by 2020. Western New York Regional Sustainability Plan. 2013. (p. 20 of pdf) https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>Indicators: Increase in share of commuting trips taken via alternative transportation modes. Decrease in vehicle miles traveled per capita</p> <p>Strategies: Environment Goal 1.1: Reduce negative impacts of local transportation on the region's air quality and GHG emissions. Buffalo Moving Forward 2050. https://www.gbnrtc.org/metropolitan-transportation-plan</p> <p>Support access to public transportation. Transportation Goal in Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>
Resilience hub	x		x	x	x	Designated resilience hub by local office of emergency management	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Planning for climate change. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Increase renewable energy generation in the region by 75% by 2025. Western New York Regional Sustainability Plan. 2013. (p. 20 of pdf) https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>Distributed renewables. Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal in Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
	x	x	x	x	x	Designated cooling center by local health department	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Planning for climate change. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p>
Anchor community on-site solar microgrid	x	x	x	x	x	kW generation from on-site renewables	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Increasing generation of renewable energy. 1 Region Forward. 2018 Report Card. P. 3 https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/1RF_Report_Card_April2018.pdf</p> <p>Increase renewable energy generation in the region by 75% by 2025. Western New York Regional Sustainability Plan. 2013. (p. 20 of pdf) https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2020/10/Western-New-York-Regional-Sustainability-Plan.pdf</p> <p>C-8. Community Solar. (Suggest becoming a hub for the neighborhood) Erie County Commits to Paris. 2018. https://www3.erie.gov/climateaction/plan-development</p> <p>Distributed renewables. Commercial Energy Conservation and Renewable Energy – Supply, Distribution, and Buildings goal in Erie County Climate Action Plan (in progress), https://www3.erie.gov/climateaction/plan-development</p>
On-site battery & wiring to island site during power outage	x	x	x	x	x	kWh storage	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>On-site solar and wind power allowed per 2016 Buffalo Green Code Unified Development Ordinance. https://www.buffalony.gov/DocumentCenter/View/1785/Bufferalo-Green-Code---Unified-Development-Ordinance-PDF?bidId=</p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Obesity, Diabetes, Hypertension	Extreme Heat/Cold	Industrial Pollution	Mental Health	Public Safety		
Rainwater storage and filtration for potable use	x	x	x	x	x	Percent water used in the building from on-site sources	<p>Checklist for New Development. 1 Region Resilient Buffalo Niagara. 2014. P. 48. https://regional-institute.buffalo.edu/wp-content/uploads/sites/155/2021/07/Resilient-Buffalo-Niagara.pdf</p> <p>Request variance to 6. Uses. AC. Rain Barrel/Cistern. Ask for permission to test and use for potable uses in the event of an emergency. 2016 Buffalo Green Code Unified Development Ordinance. (p. 6-28) https://www.buffalony.gov/DocumentCenter/View/1785/Buffero-Green-Code---Unified-Development-Ordinance-PDF?bidId=</p>