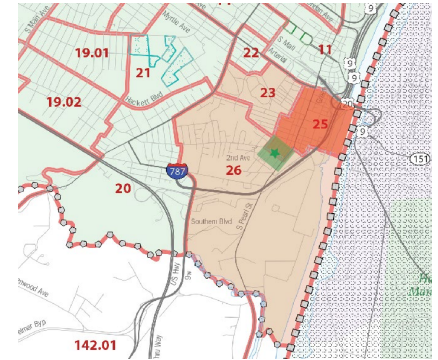


# Health Situation Analysis - Data Description

## Albany, NY: South End Revitalization Affordable Housing Scattered Site Development

Census Tract: 36001002500 (Secondary: 36001002600; Adjacent: 36001002300)

Owner: Public-Private Partnership between Albany County Land Bank and TRC/MDG



Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
<b>Building</b>							
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>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Adopt a residential energy conservation ordinance. establish energy efficiency standards through green building code and development incentives. Participate in a Commercial Property Assessed Clean Energy (PACE) program. Launch a neighborhood energy challenge. <b>Build Smart NY: Five Cities Energy Plans. 2015</b>. P. 30. <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Reduce per capita energy consumption by 20% by 2020. Reduce metric tons of carbon dioxide equivalent per capita from 16.3 to 12 by 2020. <b>Capital Region Sustainability Plan. 2012</b>. p. 18 in pdf. <a href="https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=">https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
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>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Adopt a residential energy conservation ordinance. establish energy efficiency standards through green building code and development incentives. Participate in a Commercial Property Assessed Clean Energy (PACE) program. Launch a neighborhood energy challenge. <b>Build Smart NY. Five Cities Energy Plans. 2015</b>. P. 30. <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Reduce per capita energy consumption by 20% by 2020. Reduce metric tons of carbon dioxide equivalent per capita from 16.3 to 12 by 2020. <b>Capital Region Sustainability Plan. 2012</b>. p. 18 in pdf. <a href="https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=">https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=</a></p>
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>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Adopt a residential energy conservation ordinance. establish energy efficiency standards through green building code and development incentives. Participate in a Commercial Property Assessed Clean Energy (PACE) program. Launch a neighborhood energy challenge. <b>Build Smart Ny. Five Cities Energy Plans. 2015</b>. P. 30. <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Reduce per capita energy consumption by 20% by 2020. Reduce metric tons of carbon dioxide equivalent per capita from 16.3 to 12 by 2020. <b>Capital Region Sustainability Plan. 2012</b>. p. 18 in pdf. <a href="https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=">https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
High albedo and planted roof/pavement					x	LEED credit	Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b> . P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a>  Develop design standards and building and zoning codes that address the impacts of climate change. Implement cooling strategies like green and white roofs, strategically planted trees, urban greening. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b> . P. 84. <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a>
Operable windows		x	x		x	Percent windows operable	Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b> . P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a>  Develop design standards and building and zoning codes that address the impacts of climate change. Implement cooling strategies like green and white roofs, strategically planted trees, urban greening. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b> . P. 84. <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a>
Low emitting materials	x	x	x			LEED credit	Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b> . P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Protect entries and systems from water intrusion				x		% ground level entries	<p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Albany Water Board Backwater Grant Program to reduce the risk of exposure to combined sewer overflows.</p> <p>Create a flood overlay district. Require new construction to conduct a vulnerability assessment as part of the permit review process. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b>. P. 84.  <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>
Well-maintained buildings	x	x		x	x	LEED credit	<p>Asthma Objective: Reduce asthma ED visit rate among children to 131.1 per 10,000. Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 75, 116.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Identified need: Lack of climate resilience and affordable housing stock. P. 19. <b>Albany County Climate Resiliency Plan</b>. Technical Advisory Committee Meeting #2. 1/18/22.  <a href="https://www.albanycounty.com/home/showpublisheddocument/19346/637872542179800000">https://www.albanycounty.com/home/showpublisheddocument/19346/637872542179800000</a></p>
Enhanced Ventilation	x				x		<p>Asthma Objective: Reduce asthma ED visit rate among children to 131.1 per 10,000. Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 75, 116.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Filtration	x					x	<p>Asthma Objective: Reduce asthma ED visit rate among children to 131.1 per 10,000.</p> <p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. 2022 <b>Capital Region Community Health Needs Assessment</b>. P. 75, 116.</p> <p><a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Neighborhood							
Low impact development	x	x		x	x	LEED stormwater credit	<p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. Objective: Reduce percentage of adults experiencing frequent mental distress to 10.7% (Age-adjusted). <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116, 137.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Maximum allowable impervious surface (Section 375 of City code). Low impact development incentivized through reduced setback requirements and increased maximum building heights (See zoning code). Design landscaping to provide shade, air purification, stormwater mitigation, etc. Green alleyways encouraged. P. 3-6, 4-4. <b>Albany Complete Streets Policy and Design Manual</b>. 2015.  <a href="https://www.cdtcmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf">https://www.cdtcmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf</a></p> <p>Conduct a tree canopy assessment and implement comprehensive tree planting program.  Create a flood overlay district. Require new construction to conduct a vulnerability assessment as part of the permit review process.  Implement a citywide green infrastructure program and increase urban greening through a Green Area Factor ranking system.  Incorporate green infrastructure to mitigate flooding and extreme heat.  Incorporate water features and trees on site and along streets, especially in dense urban areas.  Assess the site risk to flooding according to the accommodate, retreat, abandon rating system. Design accordingly and implement appropriate stormwater best management practices.  <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b>. P. 82-85.  <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Cost-sharing for partner to program on-site green space		x	x			\$/hour x expected hours in operation x number of staff	<p>Priority II. Prevent chronic diseases. Actions: Promote healthy eating and food security; physical activity; tobacco prevention. (Target health outcomes: diabetes and obesity. Objective: Reduce the % adults who are obese to 24.2%. Objective: Increase % adults who engage in leisure physical activity to 77.4%).</p> <p>Priority III. Promote well-being and prevent mental and substance use disorders. (Target health outcomes: mental and substance use disorders prevention.) Objective: Reduce percentage of adults experiencing frequent mental distress to 10.7% (Age-adjusted). <b>2022 Capital Region Community Health Needs Assessment</b>. P. 40, 62, 66, 137.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Albany should promote opportunities for sustainable, small scale and organic food production. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b>. P. 82.  <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>
Place barriers and locate emissions sources away from openings/air supply	x	x				4 ft - 6 ft street tree and vegetated buffer zone between street and pedestrian zone.	<p>Asthma Objective: Reduce asthma ED visit rate among children to 131.1 per 10,000. Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 75, 116.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Green infrastructure and street trees. P. 5-6. <b>Albany Complete Streets Policy and Design Manual</b>. 2015.  <a href="https://www.cdtcmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf">https://www.cdtcmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
<b>Community</b>							
<b>Avoid flood prone locations</b>				x		LEED credit	<p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Create a flood overlay district. Require new construction to conduct a vulnerability assessment as part of the permit review process.</p> <p>Assess the site risk to flooding according to the accommodate, retreat, abandon rating system. Design accordingly and implement appropriate stormwater best management practices. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b>. P. 83-84.  <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>



Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Compact, multi-use development near transit and bike/ped infrastructure	x	x	x	x	x	Linear feet of sidewalks and protected bike lanes	<p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. Increase the percentage of people who commute to work using alternative transportation to 47.9%. <b>2022 Capital Region Community Health Needs Assessment.</b> P. 116, 118.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Promote bike/ped access, circulation, and connectivity to non-motorized circulation routes. P. 3-7. <b>Albany Complete Streets Policy and Design Manual. 2015.</b>  <a href="https://www.cdtcmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf">https://www.cdtcmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf</a></p> <p>Build on- and off-road bicycling infrastructure within the city. Implement the City's Complete Streets policy. <b>Build Smart Ny. Five Cities Energy Plans. 2015.</b> P. 40.  <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Reduce single occupancy vehicle miles 25% by 2030. Reduce vehicle miles traveled per capita by 20% by 2030. <b>Capital Region Sustainability Plan. 2012.</b> p. 18 in pdf.  <a href="https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=">https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
		x	x	x	x	Number of transit stops within 1/4 mile of main entrances	<p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. Increase the percentage of people who commute to work using alternative transportation to 47.9%. <b>2022 Capital Region Community Health Needs Assessment.</b> P. 116, 118.  <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Implement the City's Complete Streets policy. Expand bus rapid transit (BRT) routes throughout the city. <b>Build Smart Ny. Five Cities Energy Plans. 2015.</b> P. 30.  <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Enhance bus stops to provide protection from the elements such as structures and trees for heat relief. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan.</b> P. 83.  <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p> <p>Reduce single occupancy vehicle miles 25% by 2030. Reduce vehicle miles traveled per capita by 20% by 2030. <b>Capital Region Sustainability Plan. 2012.</b> p. 18 in pdf.  <a href="https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=">https://www.albanyny.gov/DocumentCenter/View/3526/2012---Capital-Region-Sustainability-Plan-PDF?bidId=</a></p>
<b>Resilience hub</b>		x	x	x	x	Designated resilience hub by local office of emergency management	<p>Increase local renewable energy sources. Solar powered generators. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan.</b> P. 84.  <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>
		x	x	x	x	Designated cooling center by local health department	<p>NY State Department of Health coordinates the location of cooling centers.  <a href="https://www.health.ny.gov/environmental/weather/cooling/">https://www.health.ny.gov/environmental/weather/cooling/</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Anchor community on-site solar microgrid			x			x	<p>kW generation from on-site renewables</p> <p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Reduce or eliminate permitting fees for renewable energy installations. Plan for the development of microgrids. Establish partnerships for resilient grid development. <b>Build Smart Ny. Five Cities Energy Plans. 2015</b>. P. 46. <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Increase local renewable energy sources. Solar powered generators. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b>. P. 84. <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>
On-site battery & wiring to island site during power outage		x	x	x		x	<p>kWh storage</p> <p>Objective: Increase the percentage of people who live in a certified Climate Smart Community to 8.6%. <b>2022 Capital Region Community Health Needs Assessment</b>. P. 116. <a href="https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000">https://www.albanycounty.com/home/showpublisheddocument/21608/637920051445700000</a></p> <p>Reduce or eliminate permitting fees for renewable energy installations. Plan for the development of microgrids. Establish partnerships for resilient grid development. <b>Build Smart Ny. Five Cities Energy Plans. 2015</b>. P. 46. <a href="https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf">https://www.nypa.gov/-/media/nypa/documents/document-library/operations/five-cities/2015-01-31-albanyenergyplan.pdf</a></p> <p>Increase local renewable energy sources. Solar powered generators. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b>. P. 84. <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a></p>

Design Ideas	Environmental Health Focus Areas					Metric	Relevant Community Metric
	Air Pollution	Mental Health	Obesity	Flood	Heat		
Rainwater storage and filtration for potable use			x	x		Percent water used in the building from on-site sources	Require new development projects to demonstrate projected water use and design toilets and sinks to operate during blackouts. <b>Albany Climate Change Vulnerability Assessment and Adaptation Plan</b> . P. 83. <a href="http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf">http://www2.apwa.net/Documents/Advocacy/Albany%20Climate%20Change%20Adaptation%20Plan.pdf</a>