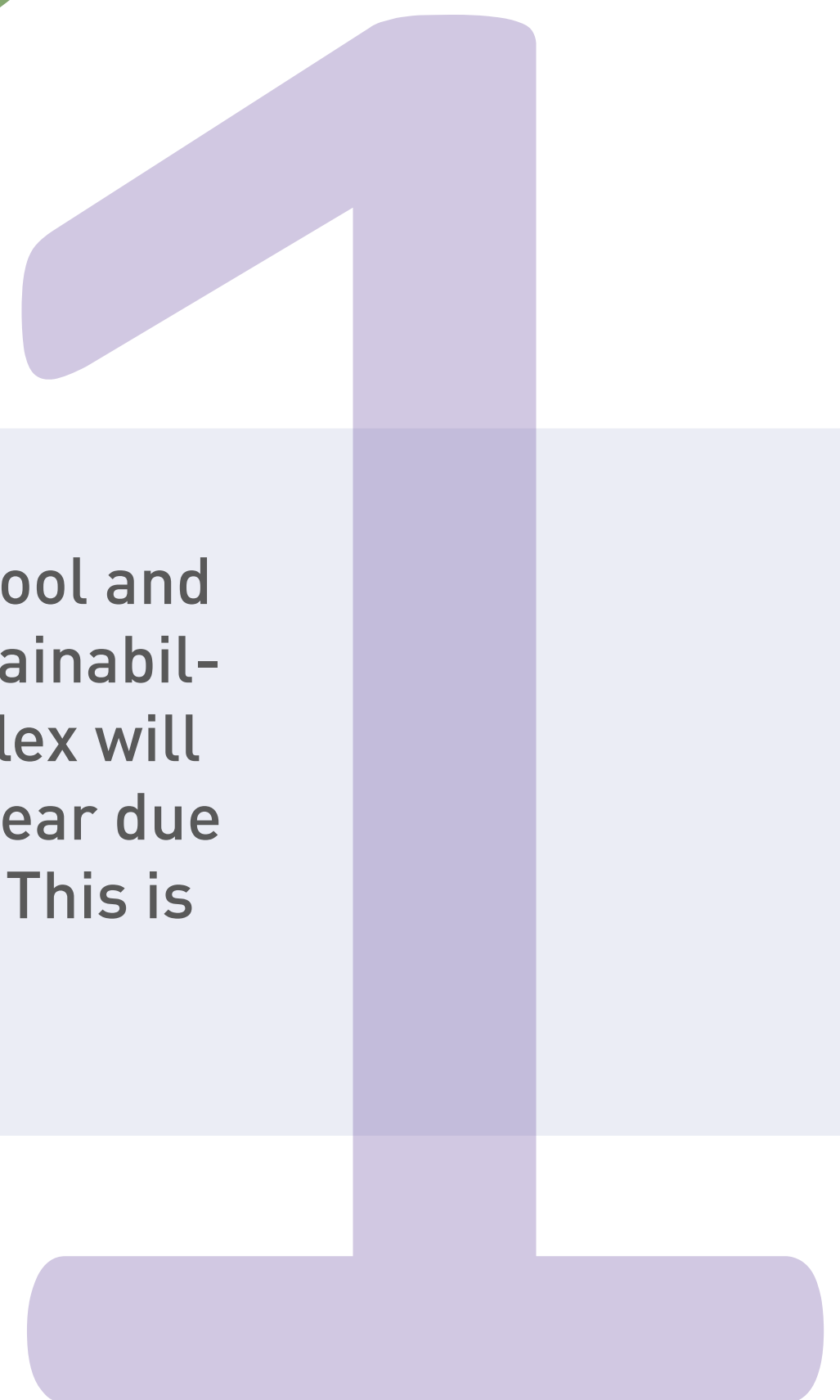


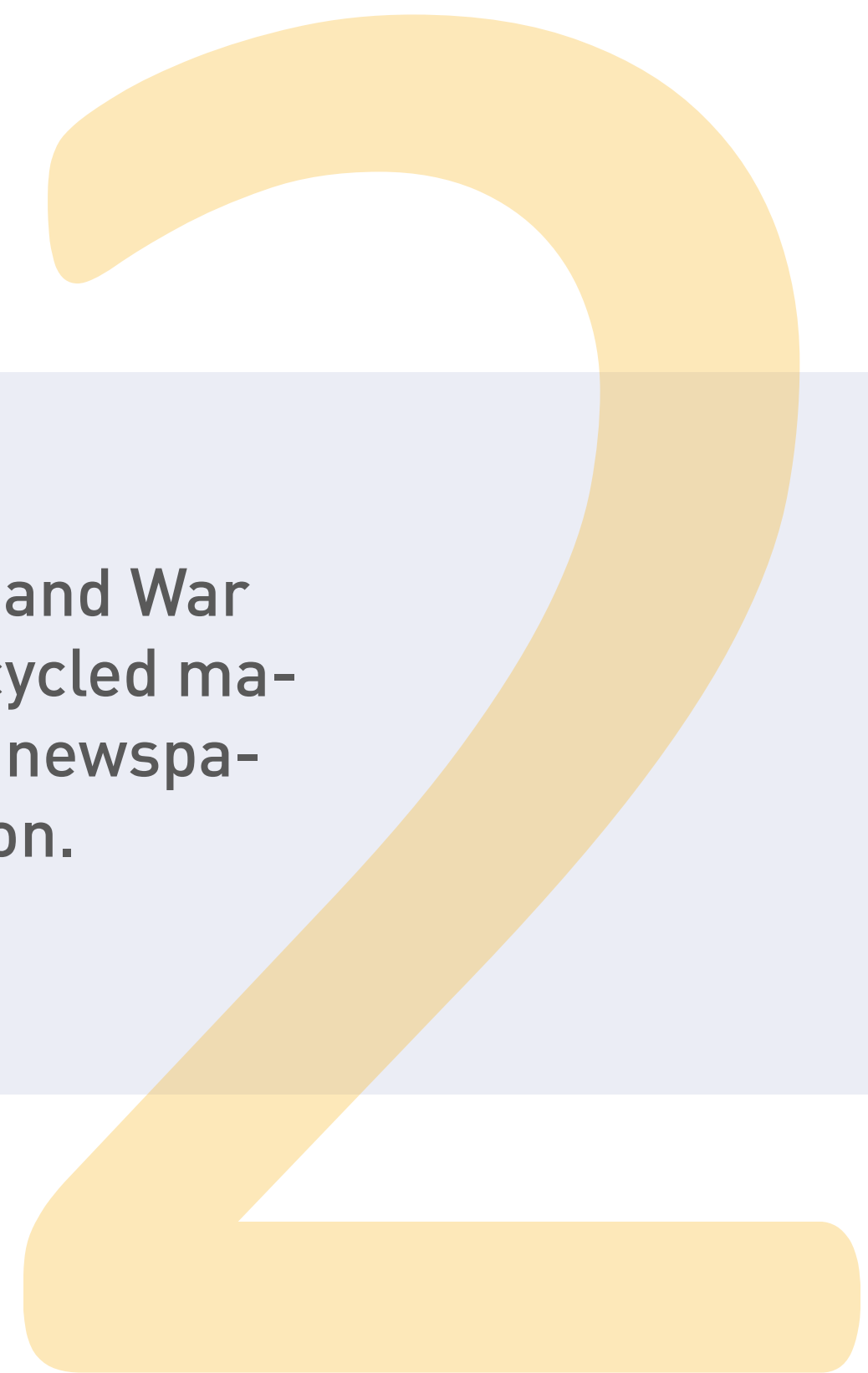


Renovations of the Cambridge Rindge and Latin School and War Memorial Buildings were constructed with Sustainability in mind. With construction completed, the complex will net an energy savings of 2.5 million lbs. of CO₂ per year due to the installation of new energy efficient systems. This is the equivalent of saving 82,000 trees.





All ceiling tiles at the Cambridge Rindge and Latin and War Memorial Buildings have been manufacture with recycled materials. The make-up of the tiles contains recycled newspapers and slag, a by-product of steel production.



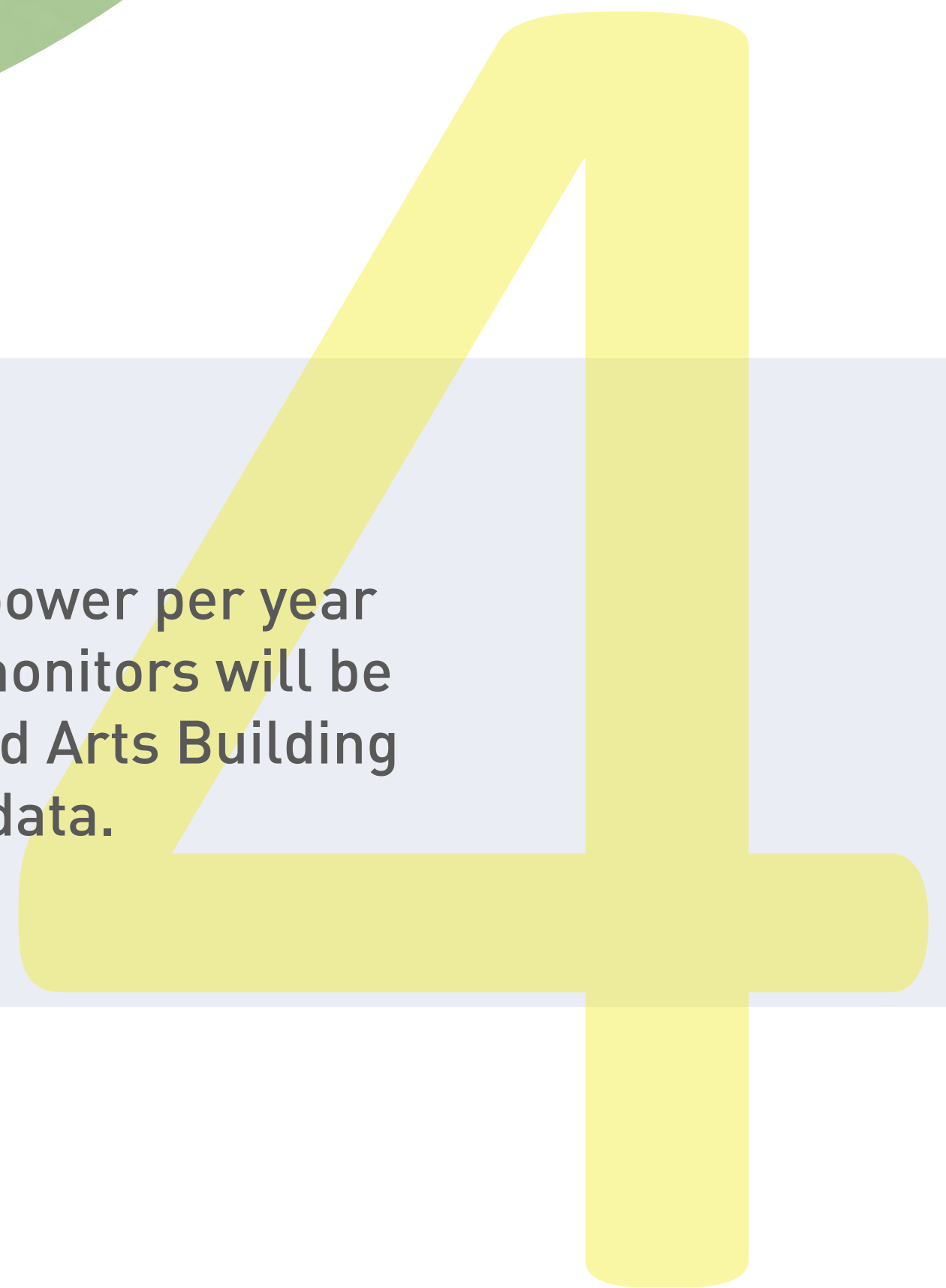


Below the new Daycare Playground and Picnic Area, a rainwater collection tank has been installed. This tank collects the rain water draining from the CRLS roof. This water is used to irrigate all CRLS planting areas, so that no potable water is used for landscaping.

photo-voltaic panels



Photo-voltaic Panels generate 38,890KWh of power per year that will be used by the High School. Display monitors will be located in the lobbies of the Rindge Building and Arts Building to display the current power output data.



daylight dimming

sunlight alerts sensors shutting
off artificial lighting



Daylight sensors have been installed within all rooms containing exterior windows. These sensors will reduce the intensity of the artificial lighting in the room when not needed due to ample sunlight entering the space.

diverted construction waste



95% of waste
was diverted
from landfills.

The interior of the 5th Floor at CRLS was completely demolished and rebuilt during the renovation. 95% of all construction waste, including the demolished materials of the CRLS Fifth Floor was diverted from landfills.

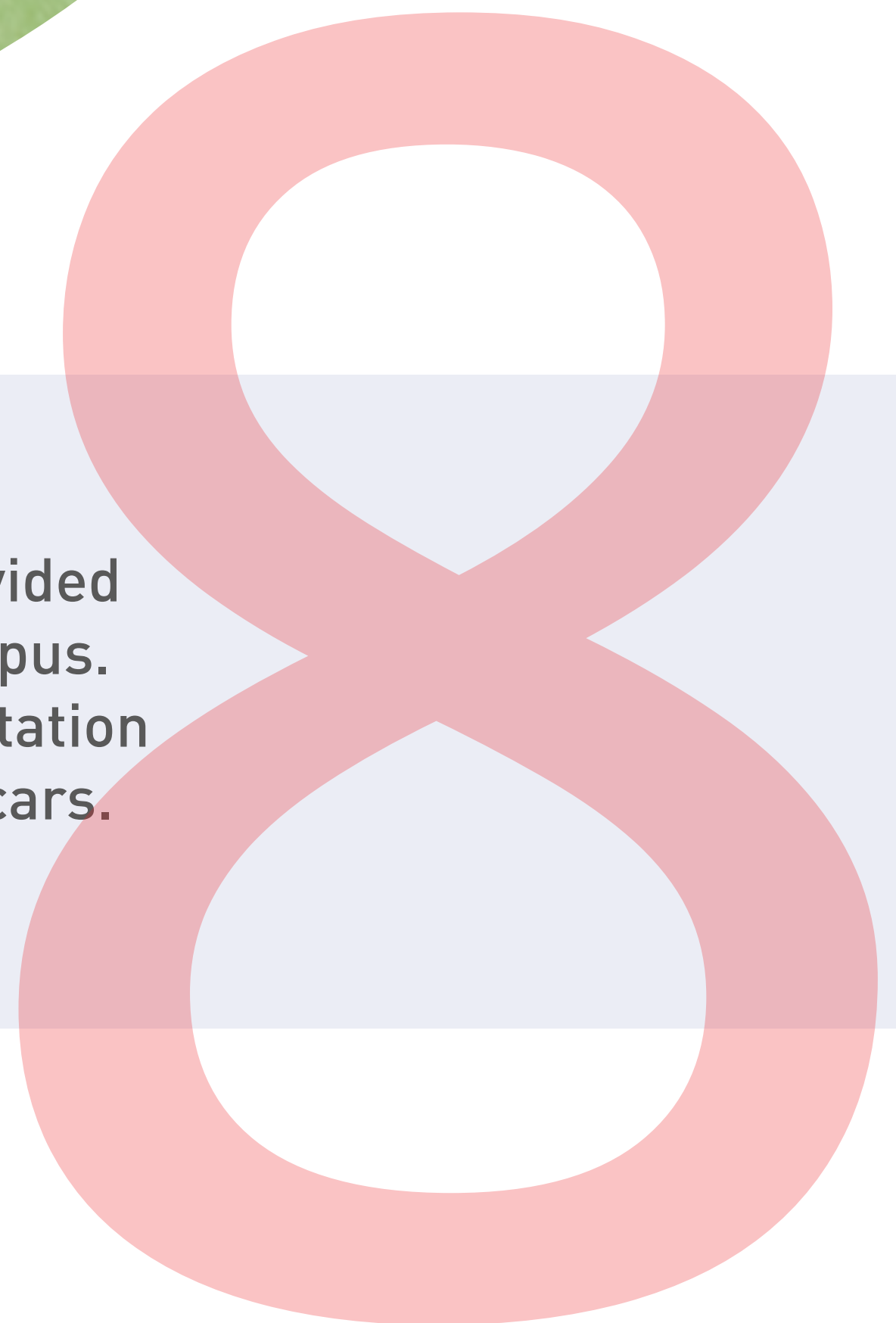


White roofing has been installed on all roofs throughout the CRLS and War Memorial Complex. This roofing reflects solar radiation to reduce urban heat island effect and lowers the surrounding temperature of the building therefore reducing the cooling load of the building.

bike racks



Numerous new bike racks have been provided around the CRLS and War Memorial Campus. Promoting an alternate means of transportation to the school to help reduce reliance on cars.



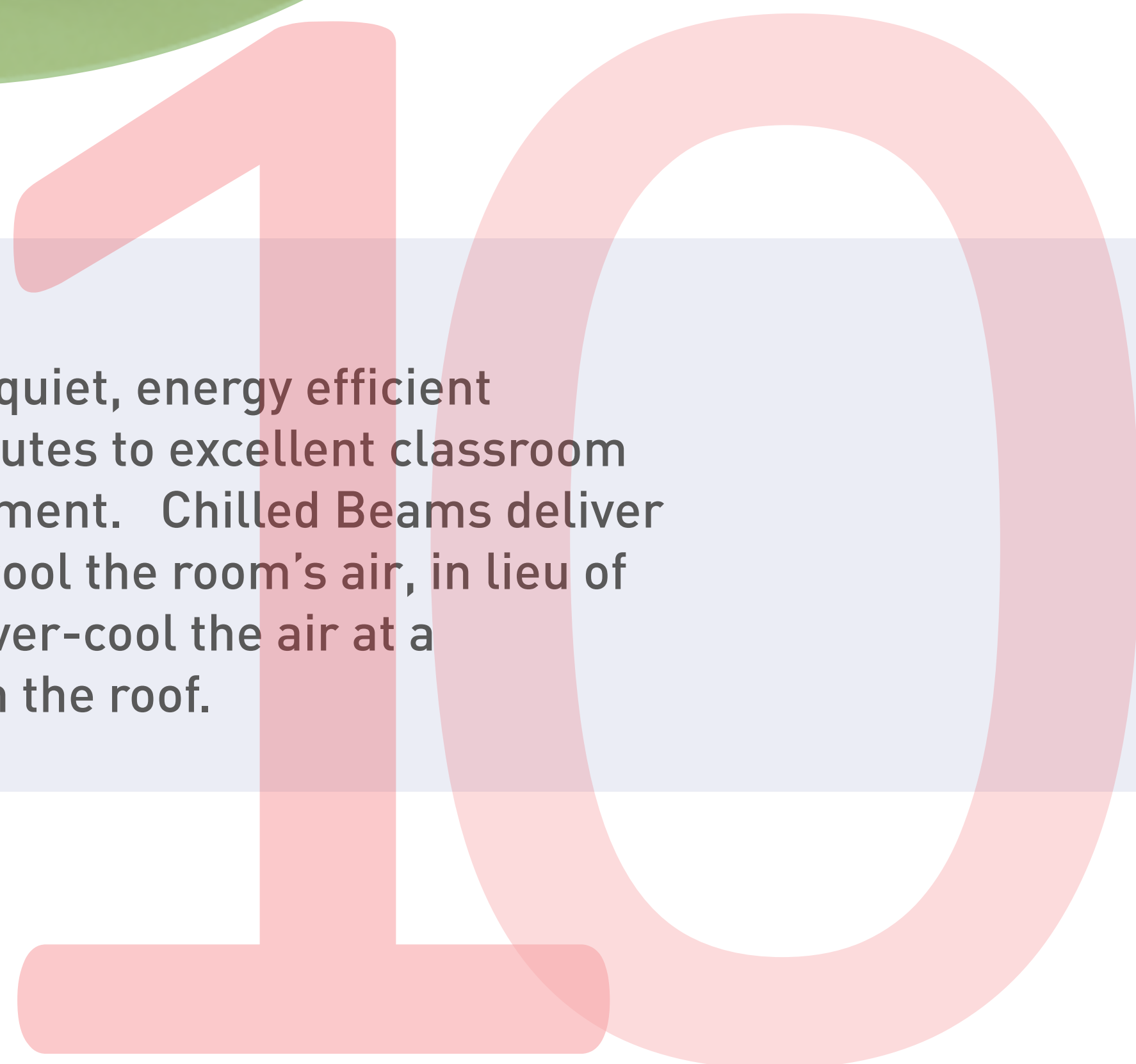


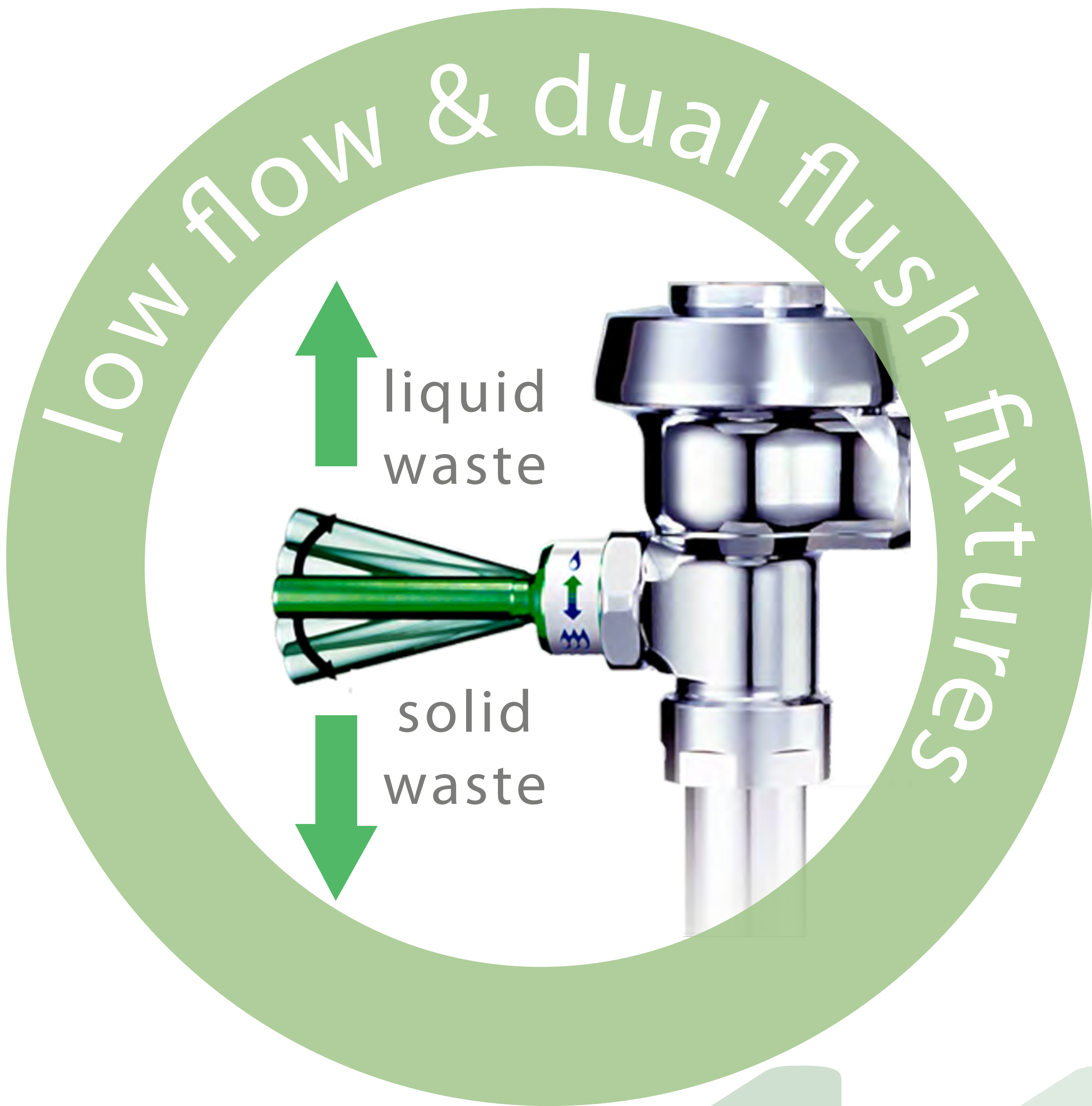
Numerous new trees have been planted around the Cambridge Rindge and Latin School city block. Providing shade, habitats, and helping to reduce the urban heat island effect. Structural soil, composed of a mixture of clay, stones, and pebbles rather than just earth, provides ample rooting area for street trees while safely supporting the sidewalk.



Chilled beams

An HVAC System that provides quiet, energy efficient ventilation. The quiet system contributes to excellent classroom acoustics for a better learning environment. Chilled Beams deliver cooled water directly to the room to cool the room's air, in lieu of spending excess energy to over-cool the air at a remote location on the roof.



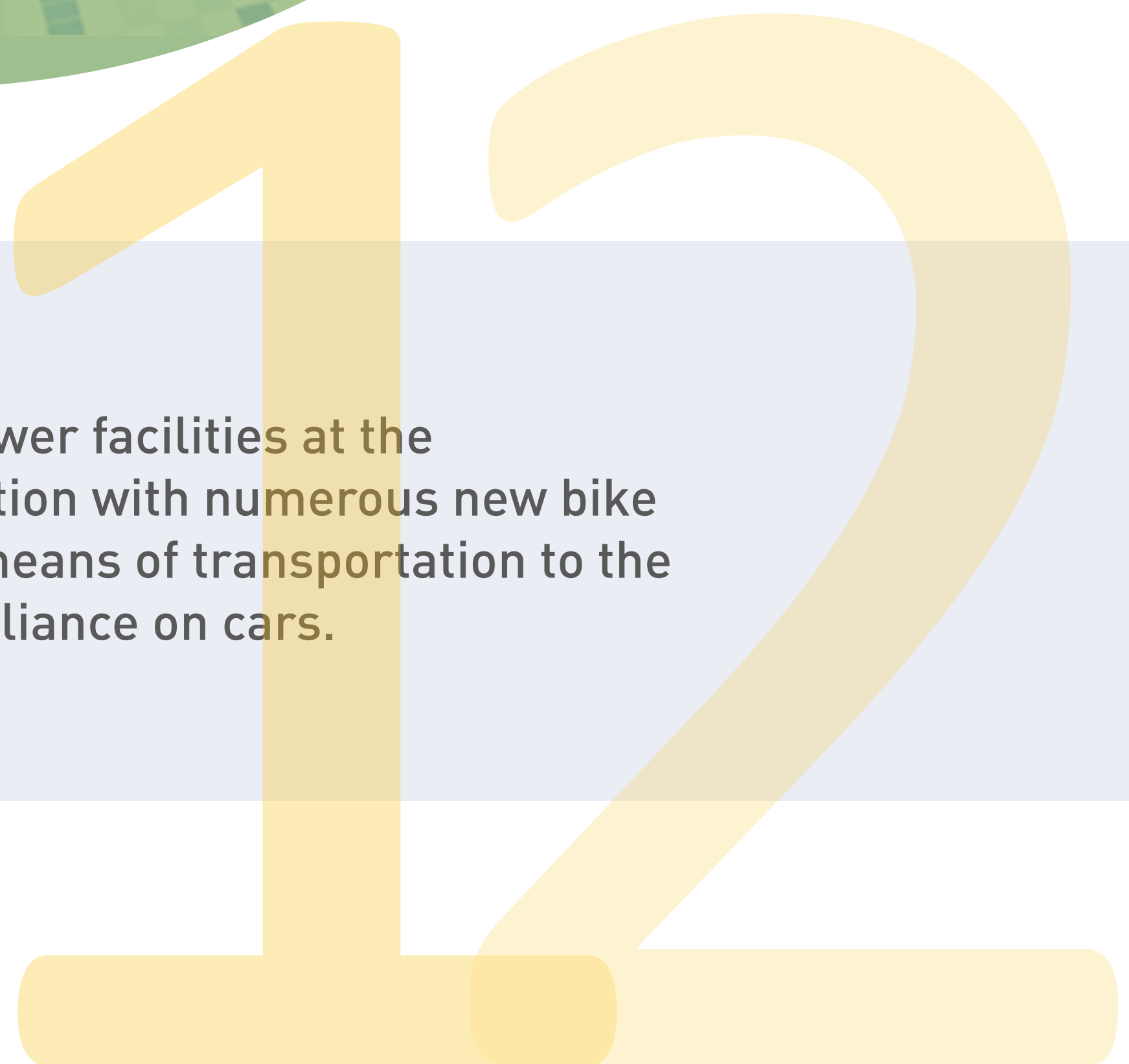


Dual Flush fixtures have been installed within all bathrooms at CRLS. This is a drastic change from the urinals prior to the renovation which continually flushed every 5 minutes. In combination with low flow faucets and other measures, annual water savings will be 1.3 million gallons in the CRLS building alone. This could fill up the War Memorial Pool almost 6 times!

showers & locker rooms



The renovation of the shower facilities at the War Memorial building, in combination with numerous new bike racks hope to promote alternative means of transportation to the school, and reduce reliance on cars.

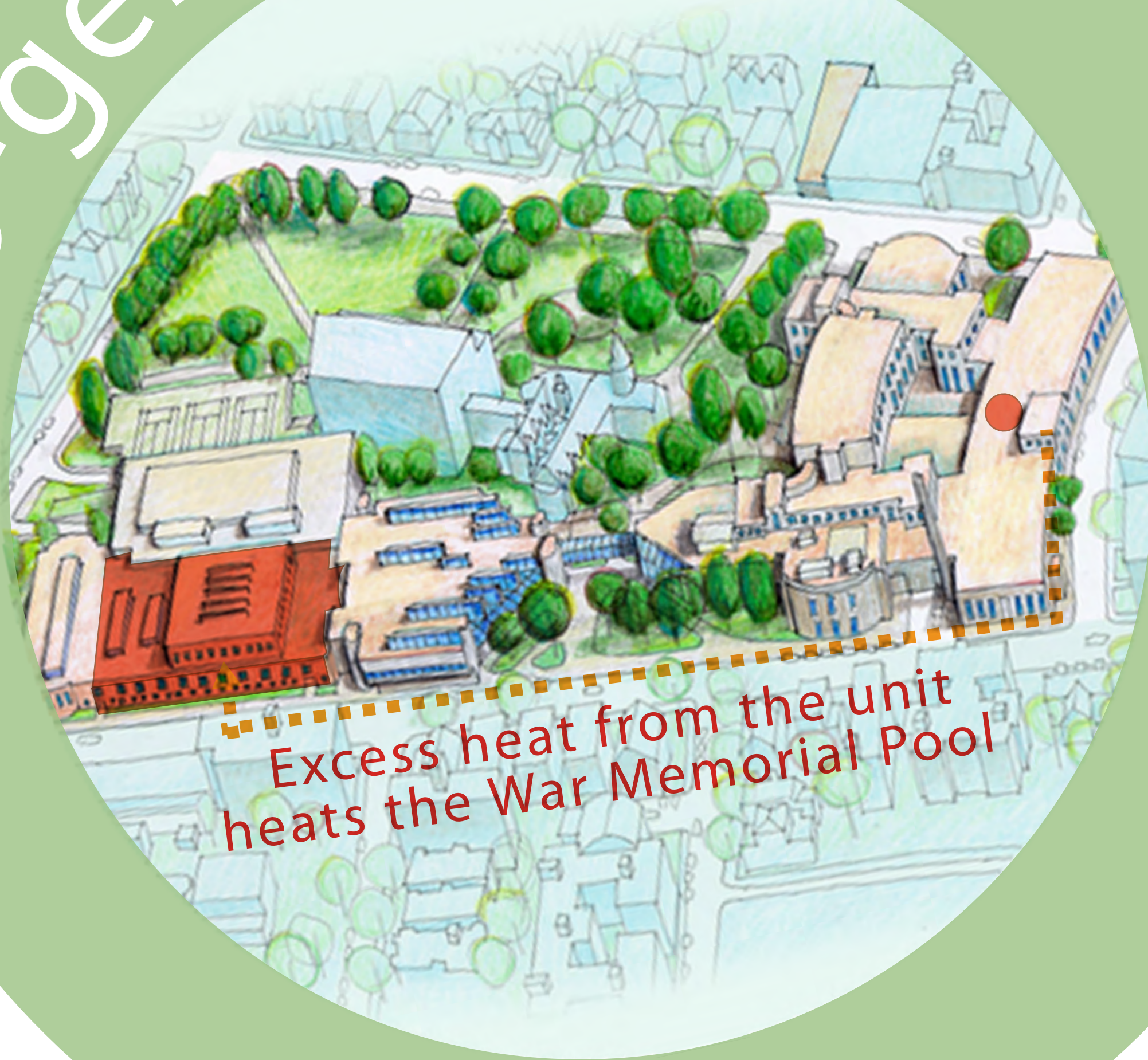




All new wood products installed throughout Cambridge Rindge and Latin and War Memorial were produced using Forest Stewardship Council Certified Wood. Ensuring that the wood used came from companies which practice responsible management of the world's forests. This included the finish wood used for the gym floor, display cases, desks and wood paneling.



CO-generator



Excess heat from the unit
heats the War Memorial Pool

The War Memorial Pool is heated by waste heat produced from the Co-Generator located on the roof of the main CRLS Building, saving energy and cost.

