Sonic Constellation is an interactive public installation examining the environmental impacts—both physical and invisible—of our overwhelmingly technology driven, consumerist society. Sonic Constellation gives you a moment to focus, look and listen. Here, one can connect with our direct impacts on climate change and how they transform our social, emotional and physical spaces. Made from plastic bottles collected from the Rockaways and embedded with solar-powered LED lights, these cloud structures are suspended throughout the passageway. The clouds cascade beneath the subway tracks, evocatively gripping passersby’s as they glow in the night and twinkle in the day, enticing listeners with their song. Lined with proximity sensors and micro controllers, participants can wave their hands or move their bodies beneath the clouds, becoming bathed in a sonic landscape. This landscape blends sounds from nature—seagulls, pigeons, ocean waves, and blowing seagrass—with the abstract, invisible sounds of sonic pollution that affect the well-being of all living creatures. The sounds from wireless devices, stoplights and other domestic and public electronics are captured via an EMF (electromagnetic frequency) microphone making audible what is often sonically invisible. A third audio component will mix in recordings made by local youths invited to sing, speak and rap about their vision of a greener, more cooperative future. When hearing the mixture of these 3 audio components emitted from the clouds, one can experience the complex dynamism shaped by the intersection of nature, consumerism, city life, and technology. Perhaps this experience can inspire and evoke ideas for negotiating our desires and building worlds in more conscientious and interdependent ways. There will be a placard explaining the work and informing participants about the ecological impacts of waste in the Rockaways, as well as groups they can join to help with clean up.

During the installation we would like to host 2-3 performances by NYC and Rockaway-based performance artists focusing on sustainability and ecological communion. We are planning to invite local youth groups to join us in the fabrication and creation of the work.

Ideal length of installation is 4 months. This work transforms livability and the concrete-scape into a landscape of imagination, interaction, performance and gathering. We both live in proximity to the site, passing through nearly every day. We are surfers and educators who have a deep commitment to reimagining the cityscape and finding creative possibilities to encourage environmental awareness and change in both the young and the old while simultaneously generating hope and empowerment through art. The themes in our project are recurrent in our artistic practices which are often connected to social justice, environmental consciousness and direct public engagement.

We plan to engage with several local groups including Laru Beya Collective, Surf Rider Foundation, The Rockaway Waterfront Alliance and youth groups at the New York Public Library to help collect and reuse the litter on the beach and surrounding areas to build the sculptures. Local youths will be invited to join in building, recording, and learning how to program micro controllers and lights.

The works will be safely suspended using cable and a pulley system so they can easily be moved up and down. We have worked in a variety of rigging techniques in film, theater and public installation and an industry professional will be present during installation to ensure security and safety. Our tentative budget is 5,000, covering building and installation as well as performance fees. The materials we are using include: recycled bottles and caps, metal mesh netting, chicken wire, aluminum frame, speakers, micro controllers, micro SD cards, LED lights, cables, pulley, steel bracket straps for mounting, steel mounts, wires, small solar panels, lithium battery for microcontrollers, screws, metal braces, placard.

During installation, we will hire a professional rigger and an installer to help us install/deinstall the work in the most safe and efficient manner. The sculpture can be easily disassembled, recycled or donated to Material for the Arts in Queens. We will also post it to local art and theater forums for pick up to reuse. We both live nearby and are able to check the installation frequently to repair any issues during the course of the exhibition. We will leave a placard with information on the work and an email to report any issues so we are aware and can make repairs or adjustments immediately. By using steel bracket straps and braces we will not leave any permanent damage to the site and will clean any debris that may occur.
daylight rendering 1
4B. ADDITIONAL MATERIALS

daylight rendering 2

elevation

plan