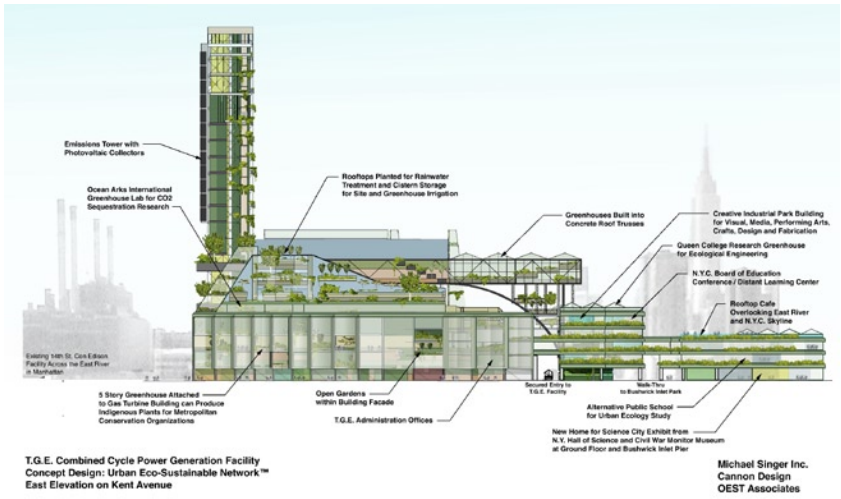
Michael Singer Studio

TGE: Cogeneration Power Facility

Greenpoint, New York, 2002

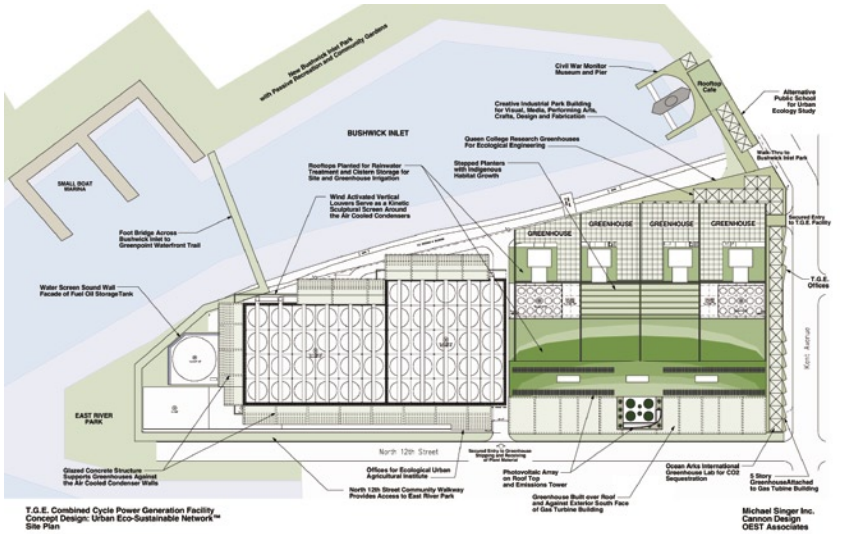
Trans Gas Energy asked Michael Singer to work with Stephan Solzhenitsyn of TRC Environmental Corp., at an early stage, on the planning of a new cogeneration gas fired power facility in Greenpoint, Brooklyn. Singer began his process by bringing together outstanding professionals in design, engineering and the social sciences. The team is comprised of Marcus Springer from Cannon Design, Calen Colby a power facility engineer at Oest Associates, William Reed, an architect who specializes in natural systems analysis, Jaimie Cloud, the director of the Sustainability Education Center, John Guminak and Trevor Lee for drafting, and Nancy Rutledge Connery, an infrastructure policy advisor.



T.G.E. Combined Cycle Power Generation Facility
Concept Design: Urban Eco-Sustainable Network™
East Elevation on Kent Avenue

Michael Singer Inc.
Cannon Design
OEST Associates

The Singer team goal was to bring the state-of-the-art engineering design found inside the power plant to the architectural structure and exterior site. The team investigation centered on the question: can there be a close relationship between a Power Plant and its surrounding community a communion between functional needs and environment, natural systems and exciting design? The Singer Team's work revealed many exciting possibilities using several of the systems of the facility, integrating them into design and programs that are feasible and functional. The conceptual design demonstrates how the buildings and site of the facility can become an armature for an "Urban Eco-Sustainable Network," including habitat creation, education, recreation, water preservation and growth of conservation plant material.



T.G.E. Combined Cycle Power Generation Facility
Concept Design: Urban Eco-Sustainable Network™
Site Plan

Michael Singer Inc.
Cannon Design
OEST Associates

Trans Gas Energy included this design as part of their Article 10 application to the New York State Public Service Board in 2003.