

THE 4th ANNUAL CONVERSE WARD LECTURE
Redeveloping the World Trade Center Site from the Ground Up
Presented by

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Presented Wednesday, February 28, 2007

Raymond Sandiford presented the 4th Annual Converse Ward Lecture at the Newark Club, in Newark on February 28, 2007 to an audience of over 50 attendees. The lecture presented an overview of the on-going construction redevelopment at the World Trade Center Site.



The first phase of this redevelopment involves major substructure construction. This includes slurry wall construction for expansion of the existing basement, demolition of massive existing substructures, underpinning of approximately 1000 ft of the New York City Transit Subway No. 1 Tunnel, a new pedestrian tunnel under West Street, and foundations for the new buildings. Each component of the redevelopment represents a major undertaking onto itself. In concert, their simultaneous construction presents a monumental staging challenge. The presentation explained the overall how geotechnical considerations have been a significant driver in developing the construction staging.

