

A. INTRODUCTION

This chapter describes the existing infrastructure that serves the Project Site and downtown Wyandanch, and assesses the effects of the Project on the existing utilities. For purposes of this evaluation, infrastructure includes water and sanitary sewers as well as solid waste collection and energy supply. The Project is located in downtown Wyandanch, and the infrastructure and energy needs of existing occupants of the Project Site have been supplied by a combination of municipal and private utility operators. The design of the Project will investigate using measures consistent with Leadership in Energy and Environmental Design (LEED) requirements to best achieve energy efficiency and reduce its requirements for and demand on local utilities.

B. EXISTING CONDITIONS**WATER SUPPLY**

Downtown Wyandanch, including the Project Site, is served by the Suffolk County Water Authority (SCWA) water distribution system. The Project Site is served by SCWA Distribution Area 12 (93 active wells).

SANITARY SEWER

Wyandanch is not connected to a public sewer system. Currently, the community depends on independent on-site wastewater treatment. However, the installation of a new sewer system is scheduled to begin in the summer of 2010 as part of a separate initiative.

SOLID WASTE

Solid waste services in the Project area are managed by the Town of Babylon Sanitation Department, located within the Department of Environmental Control.

ENERGY

Long Island Power Authority (LIPA) and National Grid provide energy (electricity and natural gas) to Long Island, including the Project Site.

C. THE PROJECT

The proposed garage will require connections for electrical power from LIPA to provide lighting within the garage and power for its mechanical systems (the preliminary estimated electrical load for the parking garage is 1,038,000 Volt-Amperes [VA]); natural gas from National Grid to the maintenance office; water from the SCWA for deck washing, irrigation for roof deck planters, and fire protection; and telephone and data service for the maintenance office, security

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systems, and access and revenue systems. The proposed garage will also need to be served by the Town of Babylon's Sanitation Department to provide garbage pick up on weekly basis.

Connections to existing LIPA transmission lines, which currently serve portions of the Project Site and the area where new streets are proposed near the Project Site, will also need to be provided along the proposed new street network to provide for street lighting. Lighting will also be included at the public plaza on the Project Site.

The increase in water, energy, and solid waste services will not pose a significant adverse impact to the providers of these services since the increase will be nominal. Further, installation of a new sewer system is scheduled to begin in the summer of 2010 as part of a separate initiative. This new system will provide adequate coverage for the Project Site. *