TWO 4 STORY APARTMENT BUILDINGS p. 2

SEWER ENGINEER'S REPORT
& SEWER EXTENSION REPORT

563 New Scotland Avenue
Mixed Use Project

CITY OF ALBANY
COUNTY OF ALBANY
STATE OF NEW YORK

Applicant: Jankow Companies

Prepared by:

Hershberg & Hershberg
Consulting Engineers and Land Surveyors
18 Locust Street
Albany, NY 12203-2908
(518) 459-3096
Fax (518) 459-5683
hhershberg@aol.com

February 21, 2019
Revised May 21, 2019
Revised June 26, 2019

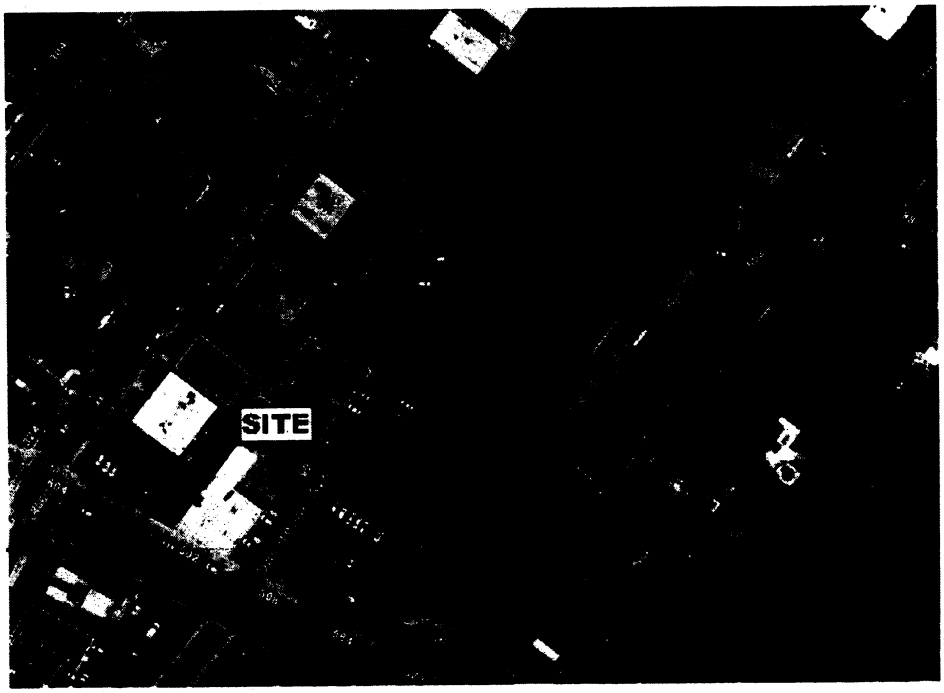

Fig. No. 1 - Aerial Photo of Site

DESCRIPTION OF INTENDED SITE DEVELOPMENT AND USE

Under the current applications the Applicant is proposing one 5 story mixed use building, two 4 story apartment buildings and a 2 story apartment building. Driveway, parking lot, sidewalks, landscaping, and stormwater detention will be provided.

SEWER GENERATION

The existing site is currently developed. To establish sewage flow generation, the New *York State Design Standards for Intermediate Sized Wastewater Treatment Systems (March 5, 2014)*[1] is used to compute the Average Daily Flow. Based upon 110 GPD per bed (Method 1: Typical Per-Unit Hydraulic Loading Rates), with an estimated 240 beds in 188 units. Also, a total of 150 seats as is proposed in restaurant/coffee shop facilities and 6,487 Square Feet of Retail Space. These uses generate an estimated 32,299 GPD or an average flow of 22.4 GPM of sanitary waste. Peak sewage flow generation is