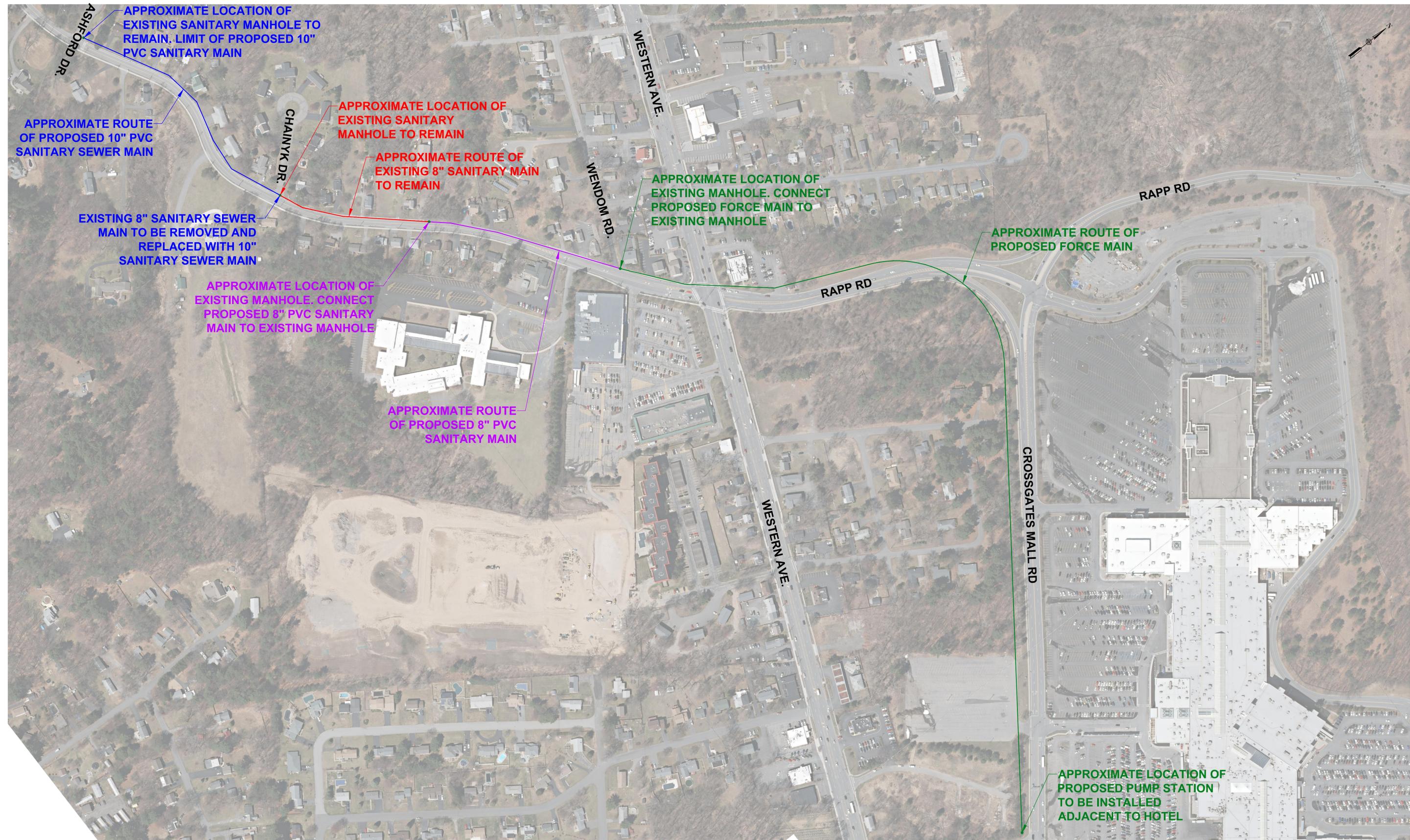


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DEIS FIGURE - NOT FOR CONSTRUCTION

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Civil Engineers  
Land Surveyors  
Environmental & Safety Planners  
Landscape Architects  
Transportation Planners & Engineers

rev.	date	description

RAPP ROAD RESIDENTIAL DEVELOPMENT

**SANITARY SEWER OPTION  
FOR NOTT ROAD WWTP ALTERNATE**

TOWN OF GUILDERLAND, ALBANY COUNTY, NY

designed	checked
SM	RK
date	scale
02/14/20	1"=150'
project no.	
317AI.00	
sheet no.	
	<b>FIG.17B</b>

*Engineer's Report*  
**Rapp Road**  
**Residential Development**

Rapp Road  
Town of Guilderland  
Albany County, New York



Prepared for:

Rapp Road Development, LLC  
4 Clinton Square  
Syracuse, NY 13202

August 10, 2018

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## **1.0 PROJECT DESCRIPTION**

This project proposes the development of 222 multi-family dwellings, within five buildings, and associated hardscape, landscape, stormwater management practices, and utilities. The project site is located within the Town of Guilderland. The total project site is +/-19.68 acres.

## **2.0 SITE CONDITIONS**

The site is bounded by Gipp Road and the Town of Guilderland/City of Albany border to the north, Rapp Road to the east, commercial and residential properties and Westmere Terrace to the south, and lands now or formerly of the Niagara Mohawk Power Corporation to the west. Access to the development will be provided from two points along Rapp Road.

A review of the USGS Web Soil Survey website indicates that the on-site soils are generally loamy fine sand and predominantly well-drained, with the depth to seasonal groundwater predominately greater than 80 inches. The soils map for the study area, and boring report summary are presented as Figure A.

A review of the State Historic Preservation Office (SHPO) Cultural Resource Information System (CRIS) indicates that the project site is not within an archaeologically sensitive area and there are no eligible or registered building sites within the vicinity of the project. A printout of the historic places screening map is presented in Figure B. For detailed archaeological information, refer to the Hartgen Archaeological Consultants Report – Phase 1 Archaeological Investigation.

## **3.0 UTILITIES**

The development will be served by municipal water and sewer. Adequate water and sewer capacity exists to accommodate the project. Gas and electric service will be provided by National Grid.

## **4.0 STORMWATER MANAGEMENT**

The project will be designed for coverage under the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-15-002). Stormwater management facilities will be provided to meet the NYSDEC water quality and peak flow rate requirements.

The project proposes to manage stormwater quality and quantity through a series of stormwater management practices, designed in accordance with the NYSDEC Stormwater Management Design Manual. Proposed management practices will utilize green infrastructure techniques and planning by incorporating surface and sub-surface practices, improving the quality of stormwater runoff generated by the project site, reduce the quantity of runoff leaving the site and encourage groundwater recharge. It is anticipated that the stormwater management facilities will consist of bioretention basins, an infiltration basin/trench, and a subsurface infiltration system.

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