



*Civil & Environmental Engineering Consultants
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November 28, 2017

Lt. Timothy Dexter, Building Inspector
City of Beacon City Hall
1 Municipal Plaza
Beacon, NY 12508

Re: Infiltration and Inflow Investigation
Knights of Columbus Site
25 Townsend Street
City of Beacon, New York

Dear Mr. Dexter:

Hudson Land Design (HLD) has completed an infiltration and inflow investigation at the above referenced parcel as required by the City of Beacon. The investigation was conducted on October 2, 2017 at the existing building at 25 Townsend Street, which consists of a one-story building that is the former Knights of Columbus meeting hall. The approximate 8,072 sf building was constructed in 1970 and is located at the end of Townsend Street.

The first phase of the study consisted of an exterior inspection of the building to determine the location of roof leader discharge points. The front (east) portion of the building has a flat roof that discharges northerly (to the rear of the building) where there is a gutter that collects and conveys the runoff westerly from the back half of the building, which has a pitched roof. At the northwest corner of the building, there is a downspout that discharges to the west of the main building. The south portion of the building also has a pitched roof that slopes southerly and sheet flows in a southerly direction.

The second phase of the study consisted of interior inspection of the building in an attempt to determine if there are any illicit connections to the building sewer line from sump pumps, floor drains and the like. HLD personnel were unable to observe significant sections of interior plumbing beneath the building's floor, and there is not basement in the building. HLD observed a few small floor drains but it was unclear where they discharge to. There were no sump pumps or unidentified pipes observed.

Based on our observations, HLD does not believe that there are any illicit connections from the building located at 25 Townsend Street to the City of Beacon's sanitary sewer collection system.

Should you have any questions, please feel free to call me at 845-440-6926.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon D. Bodendorf". The signature is fluid and cursive, with a large initial "J" and "B".

Jon D. Bodendorf, P.E.
Principal

cc: Alla Bares
Taylor M. Palmer, Esq., Cuddy & Feder
John D. Russo, P.E., Lanc & Tully
Michael A. Bodendorf, P.E. (HLD file)