



*Civil & Environmental Engineering Consultants
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March 25, 2019

Mr. Dave Buckley
City of Beacon Building Inspector
1 Municipal Center
Beacon, NY 12508

Re: Infiltration and Inflow Investigation
23-28 Creek Drive Redevelopment
23-28 Creek Drive
Tax parcels: 6054-37-066670 ±1.943 acres 6054-37-037625 ±2.807 acres
City of Beacon, NY

Dear Mr. Buckley,

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 March 22, 2019 at the existing buildings located at 23-28 Creek Drive, which consists of a large one-story building (former DPW building) with a partial basement. There are four (4) other ancillary structures on site that were used for storage, and none of them have roof leaders, floor drains or sump pumps.

The study consisted of an interior and exterior inspection of the main building to determine the location of roof leader discharge points, and to determine if there are any floor drains or sump pumps in the building. One roof leader was observed on the building, and it is tied into the existing storm drain system on site. No floor drains or sump pumps were observed in this building. The back of the building is guttered, but there are no downspouts from the gutters. Finally, there is a trench drain that runs through a portion of the building, but it is tied into the existing storm drain system on site (see Figure 1 at the end of this report).

Based on our observations, HLD believes that there are no illicit stormwater connections from the main building located at 23-28 Creek Drive to the City of Beacon's sanitary sewer collection system; therefore, no mitigation is necessary.

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

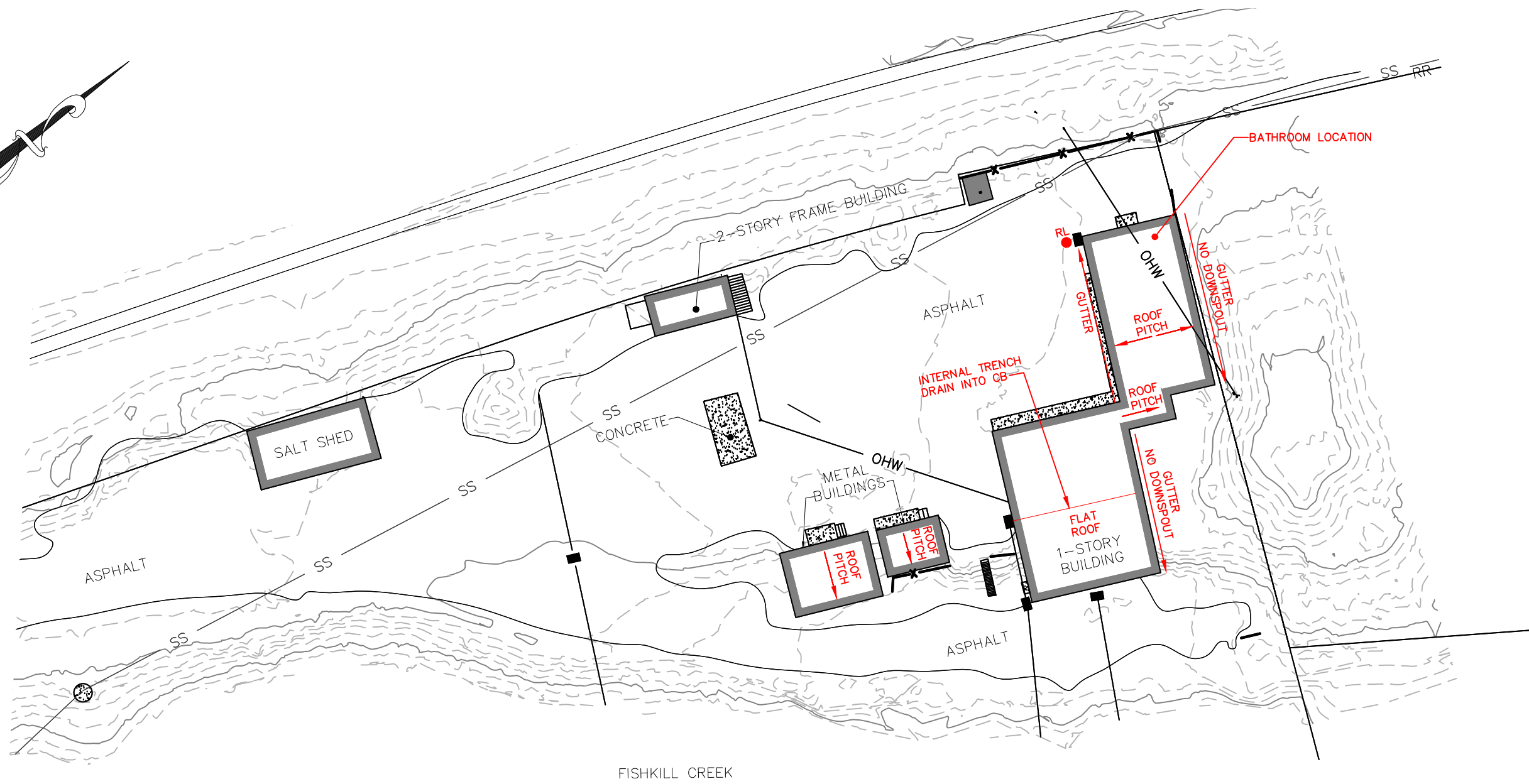
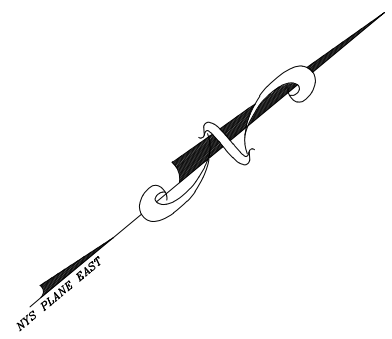
Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Bodendorf".

Michael A. Bodendorf, P.E.

cc:

Aryeh Seigel
Daniel G. Koehler, P.E. (HLD file)



23-28 CREEK DRIVE
INFLOW & INFILTRATION MAP

CREEK DRIVE
 CITY OF BEACON
 DUTCHESS COUNTY, NEW YORK
 TAX ID: 6054-37-037625
 SCALE: AS NOTED
 MARCH 26, 2019



HUDSON LAND DESIGN
 PROFESSIONAL ENGINEERING P.C.
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 BEACON, NEW YORK 12508
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SEAL
 JON D. BODENDORF, P.E.
 NYS LICENSE NO. 076245
 DANIEL G. KOEHLER, P.E.
 NYS LICENSE NO. 082716

I&I MAP
 SCALE: 1" = 40'
 GRAPHIC SCALE



(IN FEET)
 1 inch = 40 ft.

DRAWN BY: AG	CHECKED BY: DGK	JOB NO.: 2018-029	
REVISIONS:			
NO.	DATE	DESCRIPTION	BY

MAP REFERENCE:
 REFER TO SITE PLAN SET WITH ORIGINAL DATE
 OCTOBER 23, 2018, LATEST REVISION.