



ENGINEERING • 1140 Terex Road • Hudson, Ohio 44236 • (330) 342-1770

Date: August 7, 2023

To: Nick Sugar, City Planner, Community Development

From: David Rapp, P.E., P.S. Assistant City Engineer

**Re: Ravenna Street Subdivision**  
Pre-Application Review

The City of Hudson Engineering Department has reviewed the plans submitted and the comments are below. Note: The City of Hudson Engineering Standards (Engineering Standards) and Land Development Code (LDC) are available online at the City of Hudson Website [www.hudson.oh.us](http://www.hudson.oh.us) under the Engineering Dept. and Community Development Department respectively. The standards are also available in print for a fee. Please contact our office (330-342-1776) if you would like a cost for the printed version.

The City of Hudson Engineering Department has the following comments:

**General Comments:**

1. The Developer has modified the plans to eliminate the Stow Road access.
2. Two bump-out islands have been added.
3. Sanitary Sewers are available 2,000' to the west, 3,800' to east property line. The developer shall update the NEFCO Facilities Planning Area Map as part of the sanitary sewer extension.
4. Hudson Water will needed to be extended to serve the site unless Akron Water is approved by the City.
5. Stormwater:
  - a. The pond near Sublot 34 does not show a discharge point. This water will need to flow towards Ravenna Street then west.
  - b. Existing flow to the west will remain in the Branywine Tributary and a small portion will remain flowing south to the Mudbrook Tributary.
  - c. Cutoff swales shall be installed around the perimeter and all engineering standards shall be followed.
  - d. Stormwater calculations shall hold the stricter storage requirements of 25 year post storm compared to the 1 year pre-storm compared to a 2 year storm. The 50 year post and 50 year pre-storm along with the 100 year post and 100 year pre-storm shall be used in the calculations.
  - e. The developer will also be required to provide a 100 year flow path and

analysis to show how and where the water will go downstream.

- f. The Developer must provide all drainage calculations and method to convey stormwater to the downstream discharge point.
6. The developer will verify that no floodplains are impacted, none appear on the maps.
7. The developer has had a wetland study completed and is waiting on the Army Corps of Engineers approval.
8. A trip generation report shall show traffic impacts to Ravenna Street.

Please contact me with any questions.

Sincerely,

A handwritten signature in blue ink that reads "David A. Rapp". The signature is written in a cursive style with a large, stylized initial "D".

David Rapp, P.E., P.S.  
Assistant City Engineer  
(330) 342-1776