

Date: June 03, 2025

To: Nick Sugar, City Planner

CC: Bradley Kosco, P.E., P.S. City Engineer

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

Re: Laurel Lake – Addition of Units – Modified 3-17-25
Conditional Use Request
Viewpoint #25-229

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 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:

Items of concern:

1. Building 5 (Units 59 and 60) opposite the intersection of the driveways
 - a. This building location will require the following:
 - i. Realignment of the storm sewer piping, storm calculations are required to confirm adding 4 bends and reducing the pipe slope will not change the capacity of the storm system.
 - b. The new location has been modified with a 15' setback and no relocation of pavement and is acceptable.
 - c. Units 59 and 60 do have sideload garages.
2. Building 2
 - a. This unit has been restored to 2 units.
 - b. The building has 15' setbacks on both sides with sideload garages and is acceptable.
 - c. The new units location has been shifted to avoid impact of the existing detention pond. The new building has access around the pond for maintenance.
3. Building 1 (Units 111 and 112) have minimal changes.
 - a. The location of the building requires piping in of an existing ditch, shown on the plans. The pipe has adequate size and slope.
 - b. Units 111 and 112 shall direct stormwater into the existing pond when practical.

4. The plan shall follow Chapter 1419 of the City of Hudson Engineering Standards for Infrastructure Construction for all Stormwater Management. Updated calculations will be needed to determine volume and direction of flow at each unit location.
5. Revised calculations for the pond alteration shall be submitted and approved prior to breaking ground.
6. A 10' access to the detention pond exists around the pond and is acceptable.

Please contact me with any questions.

Sincerely,

A handwritten signature in blue ink that reads "David A. Rapp". The signature is fluid and cursive, with the first name "David" and last name "Rapp" clearly legible.

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