



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

Date: September 02, 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  
Conditional Use Request  
Viewpoint #25-229

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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:

**Items of concern:**

1. Building 5 (Units 59 and 60) opposite the intersection of the driveways  
This building location will require the following:
  - a. Realignment of the storm sewer piping requires storm sewer calculations and is 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. The location is acceptable.
  - c. Units 59 and 60 do have side-load garages.
  - d. The plan shall follow Chapter 1419 of the City of Hudson Engineering Standards for Infrastructure Construction for all Stormwater Management. Revised calculations for the pond alteration shall be submitted and will be needed to determine the volume and direction of flow at each unit location.
2. Building 2
  - a. This unit has been redesigned as a single unit.
  - b. The building has a 15' setback with side-load garage and is acceptable.
  - c. The new unit location has an impact of the existing detention pond but access around the pond for maintenance will be provided.
  - d. The plan shall follow Chapter 1419 of the City of Hudson Engineering Standards for Infrastructure Construction for all

Stormwater Management. Revised calculations for the pond alteration shall be submitted and will **be needed** to determine **the** volume and direction of flow at each unit location.

- e. The grading behind Unit 2 is pitched towards the house. A small retaining wall may be required along with a cutoff swale installed to direct the water away from the house.
- 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.
  - c. The plan shall follow Chapter 1419 of the City of Hudson Engineering Standards for Infrastructure Construction for all Stormwater Management. Revised calculations for the pond alteration shall be submitted and will be needed to determine the volume and direction of flow at each unit location. The plan shall follow Chapter 1419 of the City of Hudson Engineering Standards for Infrastructure Construction for all Stormwater Management. Revised calculations for the pond alteration shall be submitted and will be needed to determine the volume and direction of flow at each unit location.
- 4. A 10' access to the detention pond exists around the pond and is acceptable.

Please contact me with any questions.

Sincerely,



David Rapp, P.E., P.S.  
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