

December 16, 2025- **REVISED**

Michael Greco, Board Secretary  
Zoning Board of Adjustment  
Borough of Demarest  
118 Serpentine Road  
Demarest, NJ 07627

8 Glenwood Avenue  
Block 121, Lot 7  
Borough of Demarest, Bergen, NJ  
Joint Land Use Board Application County - Engineering Review  
Colliers Engineering & Design Project No. DEZ0057

Dear Mr. Greco:

Pursuant to your request, our office has reviewed the following plans and other documents filed by the Applicant in support of a Variance Application. The Applicant is proposing to demolish the existing rear wooden deck & concrete pad, front paver walkway and portion of the front sidewalk and construct a rear addition, paver walkway, sidewalk improvements, drainage improvements and other related improvements.

- a) Site plans consisting of five (5) sheets, prepared and signed by Michael E. Dipple, PE, of L2A Design LLC, dated September 19, 2025;
- b) Architectural Plans consisting of one (1) sheet, prepared and signed by Jose I Carballo AIA, dated September 19, 2025;
- c) Property Survey consisting of one (1) sheet, prepared and signed by Stephen P. EID, LS, dated May 23, 2025;
- d) Zoning officer denial letter, prepared and signed by Michael Greco, dated October 28, 2025;
- e) Variance Application for the subject property and attachments;

The Property Owner/Applicant is:

Barbara and Martin Vitale  
c/o Matthew Capizzi, Esq  
205 Fairview Avenue  
Westwood, NJ 07675

The Applicant/Owner shall notify the Borough of Demarest Zoning Board of Adjustment of any changes to the above information.

## Engineering Review

### I. Project Description & Location

According to the property survey, the site is currently occupied by a 2-story single-family dwelling with associated driveway, walkways, deck, garage, and other related improvements, some of which are to be demolished. The Applicant is proposing to construct a new 1 story addition on the rear of the existing dwelling, paver walkway, concrete steps, concrete sidewalk, drainage improvements and other related improvements on the property.

The property is a rectangular shaped parcel consisting of 10,179 SF. The property is located on the north side of Glenwood Ave, between County Road and Elm Place. The dwelling front faces Glenwood Avenue and driveway access is provided on Glenwood Avenue. The property is located in the residential D Zone according to the Borough Zoning Map.

The property is located in Zone X (area determined to be outside the 0.2% annual chance floodplain) as shown on the Flood Insurance Rate Map (FIRM) for the Borough of Demarest dated August 2019.

### II. Zoning Requirements & List of Variances / Waivers Requested

#### A. Bulk Zoning Requirements:

Zone: D

Use: Single Family Residential

Description	Required	Existing	Proposed	Complies
Lot area	10,000 sf.	10,179 sf.	10,179 sf.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Lot Frontage	100 ft.	100 ft.	100.00 ft.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Lot depth	100 ft.	100 ft.	101.22 ft.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Front yard setback**	25 ft.	24.9 ft.	24.9 ft.	<input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No
Side yard setback	10.0 ft.	11.41 ft.	11.41 ft.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Rear yard depth	30 ft.	44.40 ft.	38.80 ft.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Rear yard width	100 ft.	100 ft.	100 ft.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Building Height	30 ft.	29.18 ft.	29.33 ft.	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
Max Building Coverage*	20 %	15.81%	21.55 %	<input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No
Max Livable Floor Area*	30 %	28.49%	35.0 %	<input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No
Residential & Parking Coverage*	25 %	22.03%	27.77 %	<input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No

Impervious Coverage*	30 %	26.78%	29.88 %	<input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No
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N/A = not applicable  
 \* = variance required  
 \*\* = pre-existing non-conformance

**B. The Following Variances Appear to be Required:**

1. Minimum Front Yard setback – There is a pre-existing non-conformance for front yard setback of 24.90 FT where a minimum of 25 FT is required. No changes are proposed to the front yard setback.
  
2. Building Coverage – The Applicant is proposing a max building coverage of 2,193SF (21.55%) where the maximum is 2,035.8 SF (20%) is permitted.  
 A variance is required for this condition.
  
3. Livable Floor Area – The Applicant is proposing a max livable floor area of 3,562.65 SF (35.0%) where the maximum is 3,053.7 SF (30%) is permitted.  
 A variance is required for this condition.
  
4. Residential & Parking Coverage – The Applicant is proposing a residential & parking coverage of 2,826.32 SF (27.7%) where the maximum is 2,544.8 SF (25%) is permitted.  
 A variance is required for this condition.

**III. Engineering Review**

- B. The Applicant is proposing to increase improved lot coverage from 2,725.93 SF (26.78%) to 3,041 SF (29.88%) with a net increase in coverage of 315 SF.
1. There is a wooden deck, stairs, AC Units and concrete landing pad in the rear of the existing dwelling which are to be removed. Existing coverage related to the improvements to be removed have not been provided. We note that the AC units do not appear to be shown on the proposed plan, and the original location is in conflict with the addition. The Applicant should provide testimony on the location of the relocated AC units and if the associated coverage is included in the improved coverage table.
  
  2. There is an existing paver walk and stairs in the front yard area which is to be removed as part of this application. A new 215 SF paver walkway and steps is proposed in a similar location.

- C. The Applicant is proposing one (1) precast concrete drywell in the rear yard area to collect and store stormwater runoff from what appears to be the roof area of the proposed addition. We offer the following comments related to the drainage design:
1. The Applicant has provided design calculations which indicate approximately 316 SF of area being collected and conveyed to the proposed drywells. The Applicant has provided adequate storage for this drainage area. We take no exception to the calculations provided. The Applicant should provide testimony if there are any existing drainage improvements on-site.
  2. The Applicant should provide testimony indicating where the drywell is proposed to overflow.
  3. A soil test shall be provided prior to the installation of the proposed seepage pits. Soil test shall include information regarding the location of the seasonal high-water table (SHWT) and percolation rate of the soil.
  4. The Applicant should provide an at-grade 6-inch PVC observation port cap or manhole cover for future maintenance in the seepage pit detail.
  5. The Borough Engineer shall be notified to inspect the seepage pits prior to backfilling.
- D. The Applicant should provide testimony related to the building height. The zoning table indicates an existing building height of 29.18 feet and proposed height of 29.33 feet although the addition is only one story. The applicant should clarify.
- E. The Applicant has depicted existing and proposed contours on the property. We offer the following comments related to grading:
1. Under existing conditions, the site drains from north to south. The highest point of the property is in the southeastern side where elevations are approximately 78 and the lowest point of the property is in the northwestern corner, where elevations are approximately 69.
  2. Under proposed conditions, the high and low points are generally maintained, and drainage patterns should not be substantially impacted. Proposed grading appears to be minimal.
- F. The Applicant has indicated a total soil movement of 119 CY is anticipated to complete the proposed improvements. The Applicant should be aware that any soil movement quantity in excess of 250 CY will require Mayor and Council approval pursuant to Chapter 147 of Borough Ordinance
- G. The Applicant is proposing a total of 20 trees on the property, 10 in each side yard area. The proposed trees are a mix of Arborvitae and Eastern Red Cedar.
- H. Should the Board act favorably upon this application, the Applicant is hereby made aware that drainage issues may arise during or after the proposed construction. It will be the Applicant's responsibility to remedy any drainage issues caused by the proposed improvements. In addition, water runoff directed to neighboring properties is prohibited.

If runoff water does enter neighboring properties as a result of the proposed improvements, the Applicant will be responsible to remedy the situation at no cost to the Borough.

Should you have any questions, you may contact me at (201) 775-1283.

Sincerely,

Colliers Engineering & Design



Nick Chelius, P.E., C.M.E.  
Joint Land Use Board Engineer

cc: Board Members (via Joint Land Use Board Secretary)  
Matthew Capizzi, Applicant's Attorney (via email)