



# VILLAGE · OF · WINNETKA

*Incorporated in 1869*

Date: October 30, 2023  
From: James Bernahl, PE, CFM, Director of Engineering/Village Engineer  
Obaid Khalid, PE, CFM, Assistant Village Engineer/Stormwater Manager  
Re: 151 Sheridan Rd., Winnetka, Illinois  
**Bluff Improvements– Notice of Final Approval**

**Per Chapter 15.78 of the Village Code, these comments pertain to the application for the Village permit for the bluff development project being proposed at 151 Sheridan Rd. The shoreline protection & improvement plans and accompanying documents were sent to a third-party Coastal Engineer for review. Comments on the project are included below:**

1. The applicant shall reimburse the Village of Winnetka for all fees associated with the review by the third-party Coastal Engineer. Attached is a copy of the final invoice for these fees totaling **\$802.50**. Payments shall be made at the Village of Winnetka Finance office located at 510 Green Bay Road. Once payment has been made, please provide a copy of the receipt to the Engineering Department for confirmation.
2. Permitting Agency Permits: This is a requirement of Section 15.78.080 (A) of the Village Code that states that the applicant has received and provided the Village with all required permits for the Covered Construction from the Permitting Agencies. It has been determined that all required regulatory permits have been obtained and meet these requirements.
3. AS-BUILT REQUIREMENTS

*Important:* An as-built topographic survey (topographic survey after all construction grading and landscaping is completed) will be required to verify compliance with grading and drainage and floodplain requirements, prior to final inspection approval. If there are any grading/drainage disputes or disagreements, the Village of Winnetka reserves the right to require additional information, including a new storm sewer connection to the public storm sewer, and/or additional inlets or drainage swales.

Upon completion of the project, certification that the work on the bluff will be stable and reasonably safe from failure, will be required as part of the as-built submittal. All certifications must be on the company's letterhead, and be signed, sealed and dated by the professional



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## **Determination:**

Based on the determination above, and upon payment to the Village of Winnetka for the reimbursement of Coastal Engineering review fees, the Engineering Department officially approves the permit for the proposed improvement within the bluff.

The Village Engineer, as part of this technical review, has determined that the applicant has met the Village's requirements for the proposed improvements and construction under the standards in Chapter 17.58 of the Village Code. This letter should be deemed as a final approval and permit of record for the proposed Covered Construction. This approval is based on the Village receiving the additional information noted above, and the agreement to submit certified AS-BUILT drawings for the completed lakefront improvements.

## Memorandum

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Phone | +1 608 273 0592 Email | madison@baird.com

**Reference # 13918.103.M1.Rev0**

Status: Correspondence

October 25, 2023

**Attention:** James Bernahl, P.E., CFM

**CC:** Obaid Khalid, P.E., CFM

**From:** Caleb Barth, P.E.

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### RE: 151 SHERIDAN RD. – VILLAGE OF WINNETKA PERMIT REVIEW

The Village of Winnetka (Village) has requested that W.F. Baird & Associates Ltd. (Baird) provide permit review services for a coastal bluff development project at a private residence at 151 Sheridan Rd (Permittee).

The pertinent documents provided for the review consisted of the following:

- (Plans) - 151 Sheridan.pdf – received via email from Village Engineering on 7/17/2023;
- (Geotechnical Report) - 3085.Hanold-Seenandan\_151Sheridan\_Winnetka.sub.pdf - received via email from Village Engineering on 7/31/2023;
- (Slope Stability Analysis Report) - 5.22.23 Slope Stability Certification.pdf - received via email from Village Engineering on 10/16/2023, and;
- (Revised Plans) - 67088 23-08-15 151 SHERIDAN ROAD - CIVIL SET R12- Update Plans.pdf - received via email from Village Engineering on 10/16/2023.

Baird provided an independent third-party review of the Plans and Geotechnical Report and summarized comments and questions for the Village (ref to 13918.101.L3.Rev0) on August 2, 2023. The focus of the third-party review was to assess the proposed development's impact to slope stability. Two comments were provided.

The permittee provided supplemental information consisting of the Slope Stability Analysis Report and Revised Plans summarized above in response to the comments. The first comment can be closed out following the receipt and review of the Slope Stability Analysis Report. The second comment is addressed throughout the general notes on sheet 5 of the Revised Plans. Important requirements/recommendations provided by the Engineer of Record within the documents provided include the need to monitoring slope creep near the bluff development and provide maintenance when it occurs.

**In our professional opinion, the proposed development will have minimal impacts to the bluff slope stability if slope creep is monitored and maintained.**