Illinois Department of Natural Resources
JB Pritzker, Governor • Natalie Phelps Finnie, Director
One Natural Resources Way • Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Office of Water Resources, Michael A. Bilandic Building, 160 N. LaSalle St., S-703, Chicago, IL 60601

Illinois Department of Natural Resources, Office of Water Resources
Public Notice

Construction of a bluff and shoreline restoration project, in Lake Michigan, at 663 Circle Lane, Lake Forest, Illinois 60045

Circle Lane LLC, 663 Circle Lane, Lake Forest, Illinois 60045, has applied for an Illinois Department of Natural Resources, Office of Water Resources permit for the construction of a bluff and shoreline restoration project, in Lake Michigan, at 663 Circle Lane, Lake Forest, Illinois 60045.

The proposed bluff and shoreline restoration consists of regrading the bluff to a stable slope of 2H:1V and an armor stone revetment at the toe of the restored bluff. The shore-parallel revetment will be 140 ft. long, with a crest elevation of 591 and crest width of 15.8 ft. The face of the revetment will have a slope of 1.5H:1V. A stone trail will be constructed along the west side of the revetment crest, and will connect to the existing trail on the property to the north, to provide access along the lakefront. Flat armor stone steps will be constructed at south end of the property. All elevations are International Great Lakes Datum 1985-adjusted (IGLD-85). The proposed project will be reviewed using the Department's Part 3704 Rules. A location map and plans are attached to this notice.

No work is to start on this project unless and until such a time that the permit is issued.

Inquiries and comments regarding the proposed project can be directed to Eric Otto, Senior Water Resources Engineer, of the Chicago Office at IDNR/OWR, 160 N. LaSalle Street, Suite S-703, Chicago, Illinois 60601 or eric.otto@illinois.gov.

An expanded version of the public notice can be viewed at https://dnr.illinois.gov/waterresources/publicnotices.htm.

Comments will be accepted through **June 20, 2025**.

AECOM
130 East Randolph St, Suite 2400
Chicago, IL 60601
www.aecom.com

312.373.7700 tel
312.373.6800 fax

April 24, 2025

Mr. Soren Hall
Senior Project Manager
U.S. Army Corps of Engineers
Chicago District Regulatory Branch
231 South LaSalle Street
Suite 1500
Chicago, IL 60604

Mr. James Casey
Illinois Department of Natural Resources
Office of Water Resources, Lake Michigan Section
160 N LaSalle Street, Suite S-703
Chicago, IL 60601

Subject: **Proposed Bluff Stabilization & Shoreline Protection**
Lake Michigan at 663 Circle Lane, Lake Forest, Illinois
Section 404/401, Section 10, and IDNR Navigable Waterway Permit Application
AECOM Project No.

Soren and Jim,

This letter report provides information that supports the attached permit application for the proposed bluff stabilization and shoreline protection project at 663 Circle Lane, Lake Forest, Illinois.

If you have any questions regarding this permit report, please contact Mr. William Weaver at

Sincerely,

Samuel Shaffer
Project Engineer

William J. Weaver, P.E., D.WRE
Vice President – Sr. Principal Engineer

Attachments:
Joint Application Form
Permit Application Report
Attachment A – Project Plans

1.0 Project Introduction and Setting

The bluff at this project site located at 633 Circle Lane in Lake Forest, Illinois is in a state of advanced failure. This project proposes to restore the slope to resolve the periodic landslides, aggressive slope erosion, and dangerous conditions that occur and exist at this site. The existing slope is unsafe for access. The project will include cutback to vertical erosion that exists at the top of slope, and regrading of the overall slope to a stable 2:1 slope. A 140-foot-long stone revetment will be placed at the toe of the restored slope. The slope stabilization will include the pull back of approximately 50 feet of tableland as part of the stable slope creation.

The proposed bluff slope steepness is designed to provide a stable profile as determined by slope stability analysis. The slope will be formed at a 2 Horizontal to 1 Vertical slope angle. If slope seep zones are found, a drainage control feature will be installed to manage seepage that would otherwise reduce stability. There is little to no beach along this aggressively eroding shoreline. A trail will be included along the west side of the armor stone to provide access along the lakefront. A location map for the project site is provided on Figure 1. This report summarizes the design and includes an alternatives analysis.

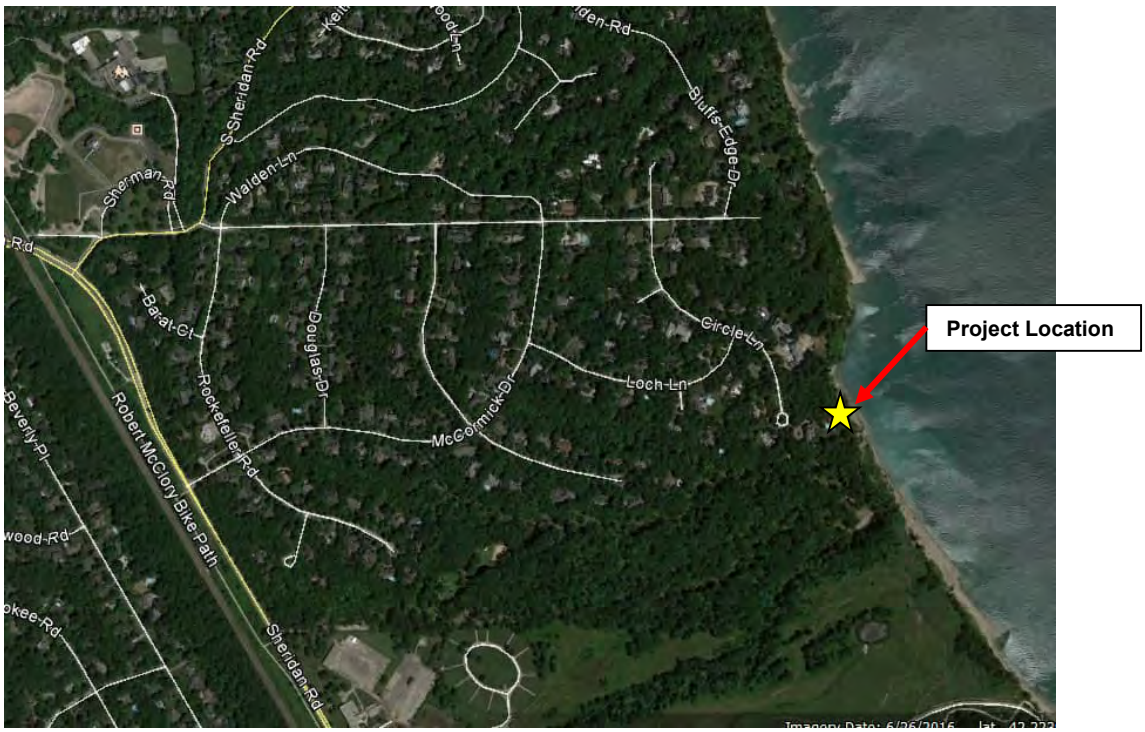


Figure 1 - Location Map

This property includes 145 feet of lakefront. This slope is in the process of active and aggressive slope failure with slopes generally in the range of 1.2H:1V. Analysis indicates that this slope does not meet normal slope stability factors of safety against failure. Simple field observation clearly illustrates this problem as evidence of existing landslides, slope creeps, and slips are prevalent along the entire slope. The failures have included a combination of undermined clay block slides and more broad-based landslides. The causes vary including seepage in sand seams, loss of the slope toe due to erosion, and structural instability due to the steepness of the slopes. All vegetation is gone from this slope due to the

extent of the failure. The concave shaped shoreline that has formed because of the aggressive erosion also contributes to failure in this area as wave attack includes a combination of direct and reflected wave energy that focuses in this area. Existing slope conditions are shown in Figure 2.

The new restoration design intends to improve slope stability. The shoreline will be straightened to address the wave focusing issue. The design will manage the wave attack at the toe of slope and preserve and supplement the lakebed counterweight in that area. The slope will continue to be subjected to periodic creep movements as is typical of this type of environment; however, the risk of significant failures will be significantly diminished.

Figure 2 - 663 Circle Lane Existing Slope Photos

The bluff is comprised primarily of glacial till. The clay that comprises most of the slope face allows the slopes to stand up at very steep slopes for a time until toe erosion and inherent slope instability causes sudden blocky failures and landslides. These bluff soils usually start to move when the natural slopes are steeper than a 2H:1V slope ratio. As the toe of slope continues to be lost, the erosion scarps and the height and pace of erosion increases. In between failure events, the slopes experience creep movements. This is due to steep slopes that approach and exceed 1.2H:1V in places. Aerial photography reveals how rapidly this bluff has eroded in the last four years. The toe of the bluff has moved 30 to 50 feet in recent years. The lakefront bluff heights at this property reach 70 feet high and much of the bluff slope is now near vertical areas.

The proposed slope restoration includes the construction of an armor stone revetment at the toe of slope. The project includes the restoration of the slopes to a stable condition, and the management of wave attack at the toe of slope to maintain the restored slope condition. The shoreline will be oriented such that there is no focusing of wave energy as reflected waves translate out from shore at all locations. The proposed plans are provided in Attachment A.

2.0 Development of Shoreline and Bluff Protection Alternatives

The project is "water dependent" because it includes activities that cannot be completed without filling along the lakefront. The unstable bluff slope is very steep. The proposed design provides protection for the bluffs which are very steep and extend for a vertical distance of 70 feet above the lake level. The following is a summary of alternatives considered for this project:

- Option 1: No Action – If the failing beach and bluff slopes are not addressed, the bluff will continue to erode depositing significant amounts of sediment into Lake Michigan. Property damage will continue and expand over time. This erosion is progressive and accelerates over time into adjacent areas. Finally, the extremely unsafe condition of the table land will continue to worsen with periodic unpredictable landslide events. The "no-action" alternative is considered not feasible for this site.

- Option 2: Construct a stone revetment at the toe of slope and regrade the bluff to a stable slope
  An armor stone revetment would be constructed for the entire length of the shoreline without a trail at the base of slope. Crushed stone fill will be placed to establish a stable slope. The selected slope is the steepest that is possible while meeting engineering slope stability standards for factors of safety against failure. The following are the features that comprise this option:
    - This option provides a stable armor stone toe structure using approximately 3.5-ton armor stones. The stones are of appropriate size and weight to manage wave attack and to resist erosion.
    - The slope would need to be reconstructed with a slope that brings stability to an acceptable factor of safety against failure. This design will cause the loss of existing table land amounting to about 30 feet for portions of the tableland. This would push the top of slope to the east wall of an existing building and pool structure.
    - Access along the lakefront is preserved in this design by placing flat armor stone steps at the south end of the property leading to a stone trail. The north end of the property includes a similar stone access structure at the 633 Circle Lane Property. The 663 trail will align at the north property line and match up with the 633 Circle Lane Trail.
    - Option 2 would result in the placement of 0.14 acres stone on the lakebed below the mean and ordinary high-water mark. Mitigation would be provided.

  The proposed slope restoration in option 2 provides a slope that is stable given the slope characteristics. An existing building and tableland pool will be protected from slope erosion that advances closer every year. The resultant slope will fit in with the adjacent slopes and form a curvilinear uniform lakefront water's edge. This orientation is feasible and has the added benefit of better wave management by removing the focusing of wave energy that is currently occurring at the concave shoreline erosion shape. We have coordinated with the Open Lands property that is the south neighbor, to confirm that the design is in sync with their plans for the lakefront.

- Option 3: Beach Cell Construction – This option would include the construction of a beach cell west of the stone revetment. A beach cell construction option would be feasible when combined with appropriate slope improvements, and it would be effective in adding slope stability at 663 Circle Lane. A beach cell would be somewhat more effective than Option 2 because it is an excellent wave management approach as the wave energy is absorbed by a low-profile breakwater. The wave energy is absorbed in stages as opposed to the single armor stone revetment approach that Option 3 would provide is a more robust means to handle the long-crested waves that occur on Lake Michigan. A beach option would extend farther into the lake. While this is a feasible option, the property owner has no interest in this option due to the cost and additional construction time.

3.0 Comparison of Alternatives and Selected Option

The no-action option (option 1) is not considered feasible due to the aggressive erosion at this site. The slopes are unstable and unsafe. Furthermore, the eroding slopes are placing large amounts of sediment into the lake which adversely affects water quality.

Option 2 and Option 3 both provide slope regrading and toe protection solutions. Both options would require the placement of stone filling for the revetments and breakwaters. The amount of lakebed impact would be much larger for option 3. Option 3 would cause a difficult slope transition to the south parcel transition. The 633 Circle Lane property owner is not interested in the larger Option 3 solution.

Option 3 is arguably the most effective solution in terms of wave management, erosion control, and slope stabilization. However, a beach option is not considered feasible for this site due to the much higher construction cost which is more than twice the cost of Option 3. Also, it is a priority to construct a solution that addresses the danger of the current slope condition as well as the risk to the existing tableland buildings. Option 3 would require greater amounts of lakebed stone fill and more time-consuming construction.

Option 2 is selected for implementation as the most environmentally cost-effective approach to resolving the extensive landslide and erosion problems at this site.

4.0 Wave Climate Evaluation and Stone Revetment Design Basis

Wave climate, transformation and forces developed for the proposed project provide design boundary conditions for wave management, and structural and geotechnical analyses for the bluff stabilization. The coastal engineering design analysis has the following primary focus:

- Evaluation of incident wave conditions for a variety of recurrence intervals at the project structures.
- Estimation of wave forces to evaluate the stability of these structures.
- Evaluation of wave climate variability to establish the geometry and elevations proposed structures.
- Identify wave overtopping potential and transmission characteristics that can affect the slope above the stone.
- Develop boundary conditions for the evaluation of bluff and slope stability.

The shape, geometry and configuration of the structures are designed to manage incident wave conditions such that the structures and the adjacent bluff are stable. In addition, the project is designed such that no adverse wave reflections or wave climate changes would occur that could have an adverse impact on adjacent shoreline areas or existing littoral drift.

The following tasks were completed as part of the coastal engineering evaluation for this site:

- Evaluate the bathymetric survey to define the lakebed near the site
- Identify deep water design wave conditions.
- Delineate wave approach angle zones to be utilized in the wave transformation. The number of angle bands were selected such that the incident wave heights are representative of conditions at this site. The analysis concludes that waves approaching from the north northeast are the worst-case design conditions.
- Identify the representative nearshore lake bottom slope.
- Identify representative lakebed elevations near the shoreline.
- Evaluate design incident wave heights at the proposed structures using techniques that account for the bathymetry. Refraction diagrams and analysis are performed for a range of wave periods, heights and approach angle zones.
- The coastal engineering design analysis provides data to help establish wave overtopping and transmission factors that help to establish the armor stone structure geometry and configuration.
- Estimate wave pressures acting on the structures to provide boundary conditions for the structural design of these structures.

5.0 Impact Assessment

5.1 Chemical and Physical Characteristics

Revetment Fill

The proposed revetment and beach cell structures will be comprised of clean stone fill and will include the placement of approximately 1,787 cubic yards of clean quarry stone below the Ordinary High-Water Mark of 582.2 (IGLD85).

Substrate

The primary substrate impact will be the introduction of clean stones on the lakebed.

Suspended Particulates

The proposed project will involve the placement of clean rock sand and crushed stone. There will be no increase in suspended particle load or turbidity. Furthermore, the project will resolve ongoing bluff and clay beach erosion which will reduce suspended particles and associated nutrients in Lake Michigan.

Water

The proposed construction activities will not alter the quality of the lake. Clean fill will include approximately core stone and 1 foot to 4-foot diameter armor stones. This clean material will not adversely impact water quality, and no Illinois water quality standards will be exceeded during the construction of the project.

Current Patterns and Water Circulation

The proposed structure will dampen wave energy near the shore. The stones absorb more wave energy than the existing steep unprotected slopes. These changes will be localized and impacts to the larger

Lake Michigan ecosystems will be negligible. The project structures are to be located within the surf zone. No significant changes to water current patterns or circulation are expected. In addition, no changes to wave reflections will occur. The orientations of the lakefront structures are established to maintain the current energy balance associated with wave reflections.

Littoral Drift

The proposed project transitions well to the property to the north. The transition to the south property is a smooth curvilinear line that does not provide any wave shadows or structure protrusions that would alter the littoral drift. Therefore, no measurable sand deposition potential will occur at this location. The currents will sweep through even more uniformly than the existing condition where the concave erosion pattern, wave reflections and non-uniform surf zone condition is more likely to alter the littoral drift currents.

Fish, Crustaceans, Mollusks, and Other Aquatic Organisms in the Food Web

The existing habitat at the project site is limited or non-existent. The proposed stone toe structures will enhance habitat quality for a wide variety of aquatic species by creating sheltered and shaded areas during mild wave periods. The proposed stone structures will be preferable to the existing rapidly eroding slope from this perspective.

5.2 Potential Impacts on Special Aquatic Sites

"Special Aquatic Sites" refers to recognized sanctuaries and refuges, wetlands, mud flats, vegetated shallows, coral reefs, riffle and pool complexes. The proposed construction will take place on a rapidly eroding bluff zone and does not possess any of the above-mentioned features. Consequently, no Special Aquatic Sites will be impacted.

5.3 Actions to Minimize Adverse Effects

Fill will be limited to the extent required to create a safe and stable slope within the specific areas indicated on the attached plans (Attachment A). The appropriate erosion and sediment control measures will be taken in accordance with the Illinois Urban Manual for the earth grading portion of the project.

6.0 Summary

The project will comply with the factual determinations under 40 CFR 230.11. The project will reestablish a stable shoreline by establishing slope protection at the water's edge. This protection will include bluff reconstruction and an armor stone revetment. The revetment will provide protection against wave attack and will protect the upper steep slope zone. Fill material will consist of clean stones comprised of approximately 1 to 4-foot diameter stones. These materials will not adversely impact water quality.

JOINT APPLICATION FORM FOR ILLINOIS

ITEMS 1 AND 2 FOR AGENCY USE

1. Application Number	2. Date Received

3. and 4. (SEE SPECIAL INSTRUCTIONS) NAME, MAILING ADDRESS AND TELEPHONE NUMBERS

3a. Applicant's Name:	3b. Co-Applicant/Property Owner Name (if needed or if different from applicant):	4. Authorized Agent (an agent is not required):
Margaret Antonik - Circle Lane LLC		Bill Weaver
Company Name (if any) :	Company Name (if any):	Company Name (if any): AECOM
Address: 663 Circle Ln Lake Forest, IL 60045	Address:	Address: 130 E. Randolph St Suite 2400 Chicago, IL 60601
Email Address:	Email Address:	Email Address:
Applicant's Phone Nos. w/area code	Applicant's Phone Nos. w/area code	Agent's Phone Nos. w/area code
Business:	Business:	Business:
Residence:	Residence:	Residence:
Cell:	Cell:	Cell:
Fax:	Fax:	Fax:

STATEMENT OF AUTHORIZATION

I hereby authorize, Bill Weaver to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

Applicant's Signature

04.23.25
Date

5. ADJOINING PROPERTY OWNERS (Upstream and Downstream of the water body and within Visual Reach of Project)

Name	Mailing Address	Phone No. w/area code
a. Tim & Heather Richmond		
b. Lake Forest Open Lands Association		
c.		
d.		

6. PROJECT TITLE:
663 Circle Lane Bluff and Shoreline Restoration

7. PROJECT LOCATION:
663 Circle Ln, Lake Forest, IL

LATITUDE: 42.22900 °N	UTMs
LONGITUDE: -87.81200 °W	Northing: 4675521 Easting: 432994

STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION	LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE
Circle Lane			03	43N	12E

☒ IN OR ☐ NEAR CITY OF TOWN (check appropriate box)
Municipality Name
City of Lake Forest

COUNTY	STATE	ZIP CODE
Lake	Illinois	60045

WATERWAY	RIVER MILE (if applicable)
Lake Michigan	

Revised 2010

☐ Corps of Engineers ☐ IL Dep't of Natural Resources ☐ IL Environmental Protection Agency ☐ Applicant's Copy

8. PROJECT DESCRIPTION (Include all features):

The proposed work includes constructing a stable bluff slope at 2.0H to 1V with crushed stone aggregate fill and an armor stone revetment at the toe of slope. The south property line will be buttressed with stone gabion mattresses to facilitate an efficient grading transition at the south property line. The gabion mattress will be buried one foot under the finished grade, covered with topsoil, and seeded with deep rooted native vegetation.

9. PURPOSE AND NEED OF PROJECT:

The purpose is to stabilize the bluff slope and protect the property from erosion and loss of property due to wave attack.

COMPLETE THE FOLLOWING FOUR BLOCKS IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

10. REASON(S) FOR DISCHARGE:

Clean stone fill in Lake Michigan to protect the existing shoreline and stabilize toe toe of bluff slope. See attached plans for details.

11. TYPE(S) OF MATERIAL BEING DISCHARGED AND THE AMOUNT OF EACH TYPE IN CUBIC YARDS FOR WATERWAYS:

TYPE: Clean Armor Stone

AMOUNT IN CUBIC YARDS:

1,787

12. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED (See Instructions)

0.137

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)

Stone placement, required to protect residential shoreline from aggressive wave attack. Refer to cover letter that this form is attached to for further details.

14. Date activity is proposed to commence: September 2025

Date activity is expected to be completed: December 2025

15. Is any portion of the activity for which authorization is sought now complete? Yes [ ] No [X]

NOTE: If answer is "YES" give reasons in the Project Description and Remarks section. Indicate the existing work on drawings.

Month and Year the activity was completed

16. List all approvals or certification and denials received from other Federal, interstate, state, or local agencies for structures, construction, discharges or other activities described in this application.

Issuing Agency	Type of Approval	Identification No.	Date of Application	Date of Approval	Date of Denial

17. CONSENT TO ENTER PROPERTY LISTED IN PART 7 ABOVE IS HEREBY GRANTED. Yes [X] No

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Signature of Applicant or Authorized Agent	Date
	4/22/2025
	04.23.24

[ ] Corps of Engineers Revised 2010 [ ] IL Dep't of Natural Resources [ ] IL Environmental Protection Agency [ ] Applicant's Copy

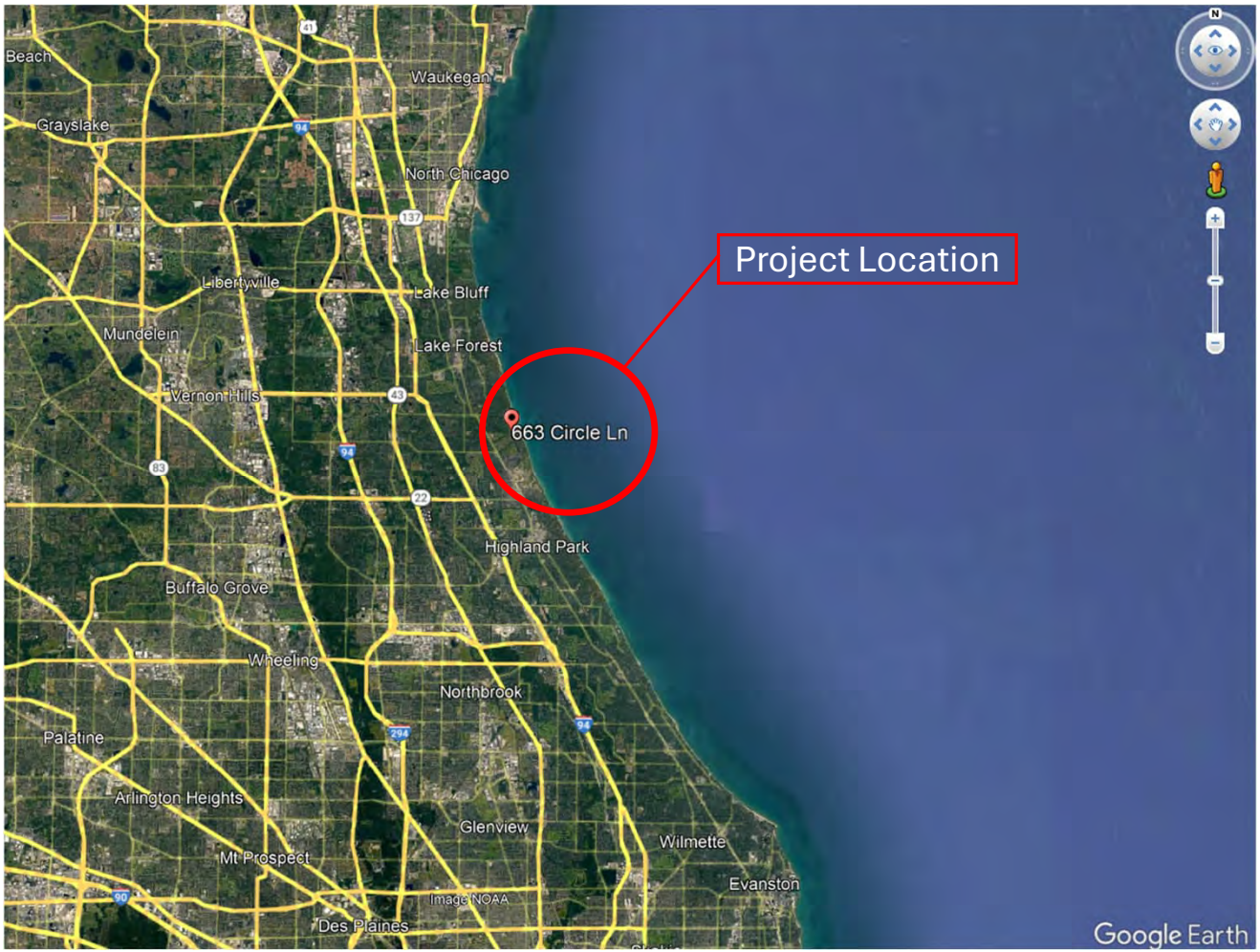
SEE INSTRUCTIONS FOR ADDRESS

LOCATION MAP

Revised 2010

☐ Corps of Engineers ☐ IL Dep't of Natural Resources ☐ IL Environmental Protection Agency ☐ Applicant's Copy

663 Circle Ln – Lake Forest, IL
Bluff and Shoreline Protection
Project Location Map



Attachment A

Proposed Project Plan

Lake Michigan at 663 Circle Lane
Lake Forest, Illinois

PROPOSED SHORELINE PROTECTION

ISSUED FOR PERMIT

SHEET INDEX	
1	COVER SHEET
2	PROPOSED PLAN
3	SECTION A
4	SECTION B
5	SECTION C
6	SECTION D

AECOM

PROJECT
663 CIRCLE LANE
LAKE FOREST, ILLINOIS

CLIENT
JOHN KENO & COMPANY
8623 WEST BRYN MAWR AVE.
SUITE 501
CHICAGO, ILLINOIS 60631

CONSULTANT
AECOM
130 EAST RANDOLPH STREET
SUITE 2400
CHICAGO, ILLINOIS 60601
312 373 7700 tel
www.aecom.com

CONSULTANTS

REGISTRATION

ISSUE/REVISION

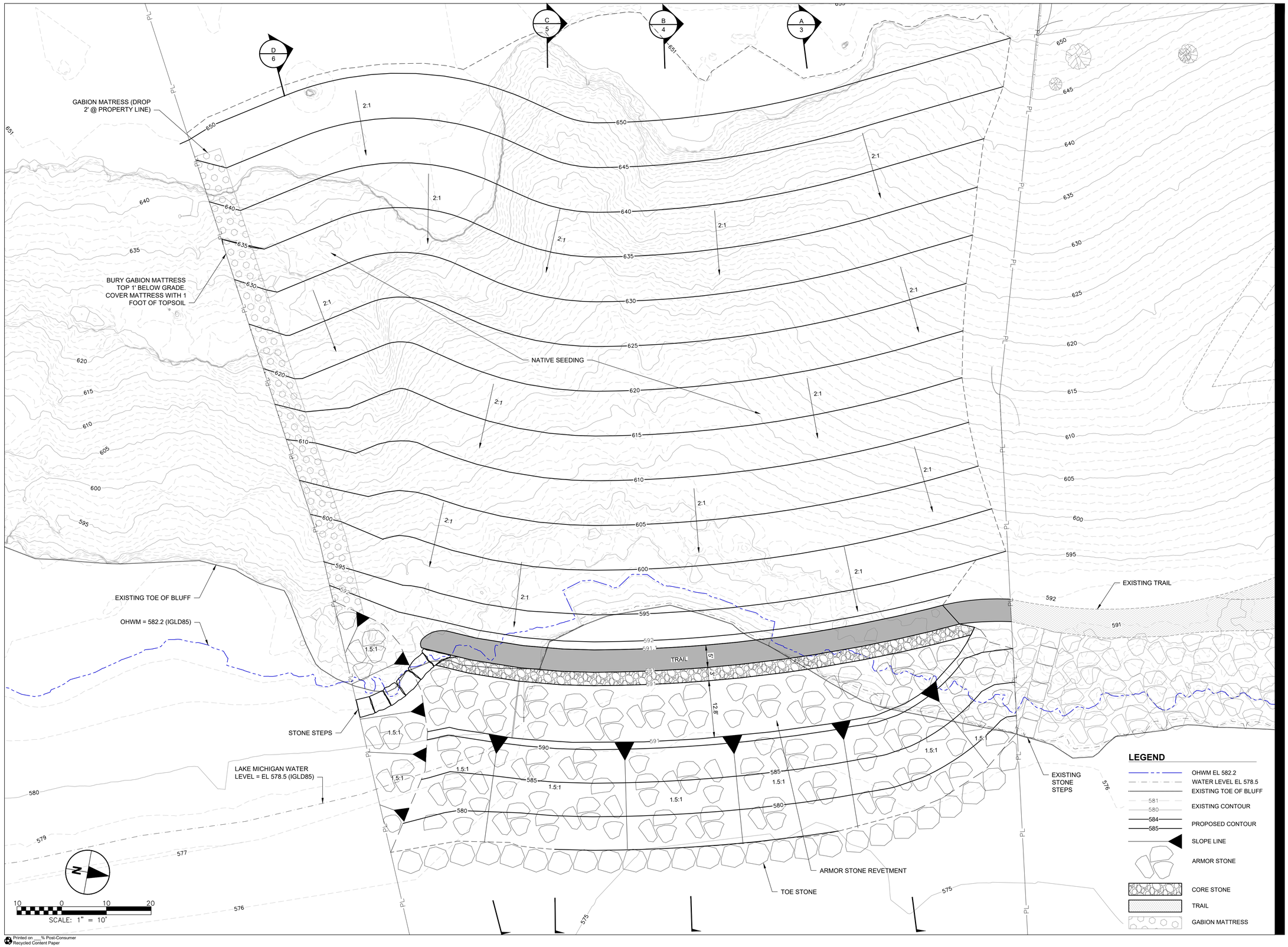
I/R	DATE	DESCRIPTION
I	2025-04-15	ISSUED FOR PERMIT

KEY PLAN

PROJECT NUMBER
60748847

SHEET TITLE
COVER SHEET

SHEET NUMBER
1



Filename: Z:\CHICAGO-USCHG1\DCS\PROJECTS\WTR\60748847_663_CIRCLE_LANE_LAKEFRONT\900_CAD_GIS\910_CAD\20-SHEETS\60748847-C-SHT-PERMIT.DWG Last saved by: KOSTAMOL Last Plotted: 2025-05-07

Printed on ___% Post-Consumer Recycled Content Paper

AECOM

PROJECT

663 CIRCLE LANE
LAKE FOREST, ILLINOIS

CLIENT

JOHN KENO & COMPANY
8623 WEST BRYN MAWR AVE.
SUITE 501
CHICAGO, ILLINOIS 60631

CONSULTANT

AECOM
130 EAST RANDOLPH STREET
SUITE 2400
CHICAGO, ILLINOIS 60601
312 373 7700 tel
www.aecom.com

CONSULTANTS

REGISTRATION

ISSUE/REVISION

I	2025-04-15	ISSUED FOR PERMIT
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

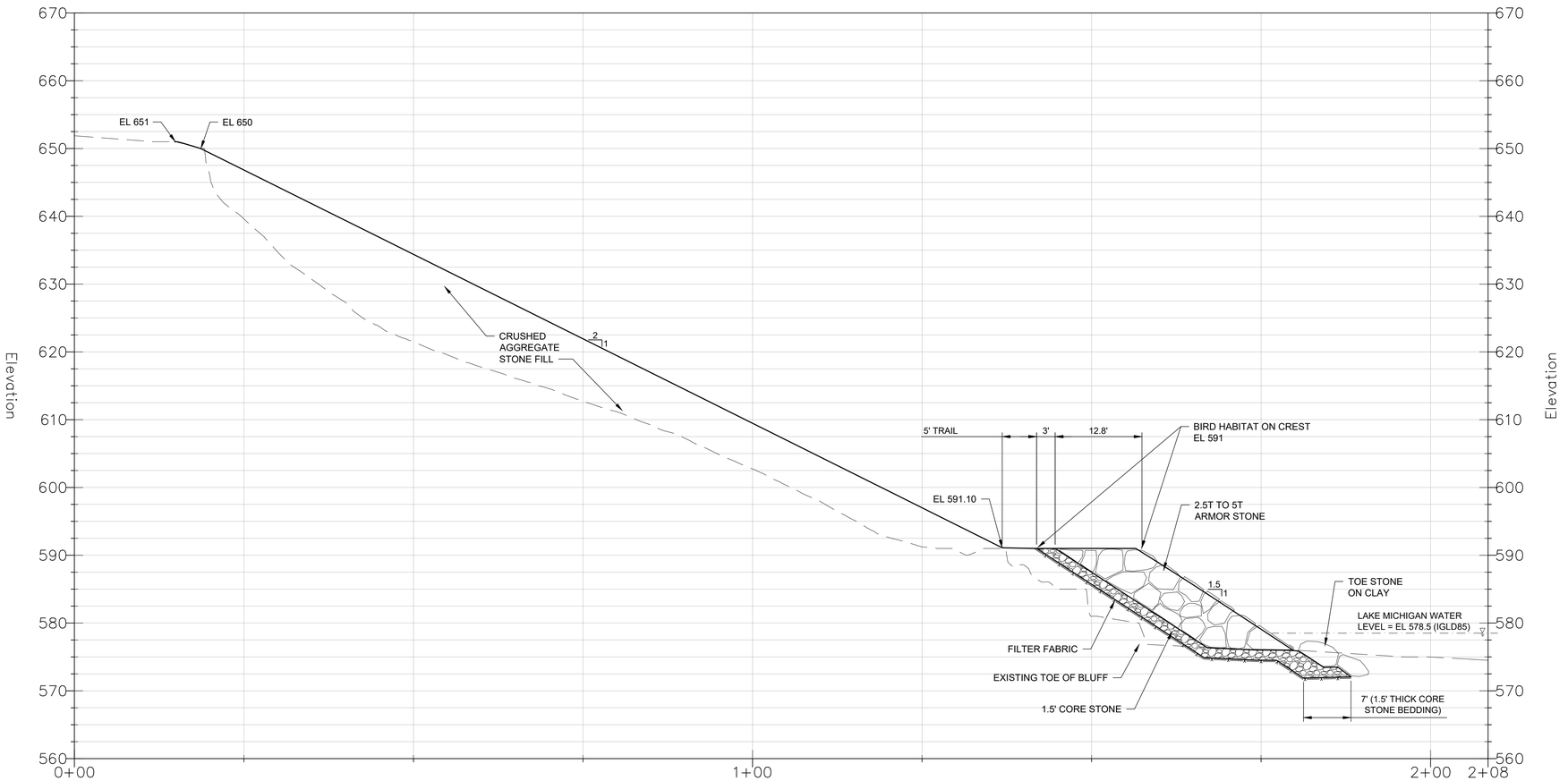
60748847

SHEET TITLE

PROPOSED PLAN

SHEET NUMBER

2



A/3 SECTION

Scale 1" = 10'

10 0 10 20

SCALE: 1" = 10'

Filename: Z:\CHICAGO-USCHG1\DCS\PROJECTS\WTR\60748847_663_CIRCLE_LANE_LAKEFRONT\900_CAD_GIS\910_CAD\20-SHEETS\C\60748847-C-SHT-PERMIT.DWG Last saved by: KOSTAMOL Last Plotted: 2025-05-07

Printed on ___% Post-Consumer Recycled Content Paper

AECOM

PROJECT

663 CIRCLE LANE
LAKE FOREST, ILLINOIS

CLIENT

JOHN KENO & COMPANY
8623 WEST BRYN MAWR AVE.
SUITE 501
CHICAGO, ILLINOIS 60631

CONSULTANT

AECOM
130 EAST RANDOLPH STREET
SUITE 2400
CHICAGO, ILLINOIS 60601
312 373 7700 tel
www.aecom.com

CONSULTANTS

REGISTRATION

ISSUE/REVISION

I	2025-04-15	ISSUED FOR PERMIT
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

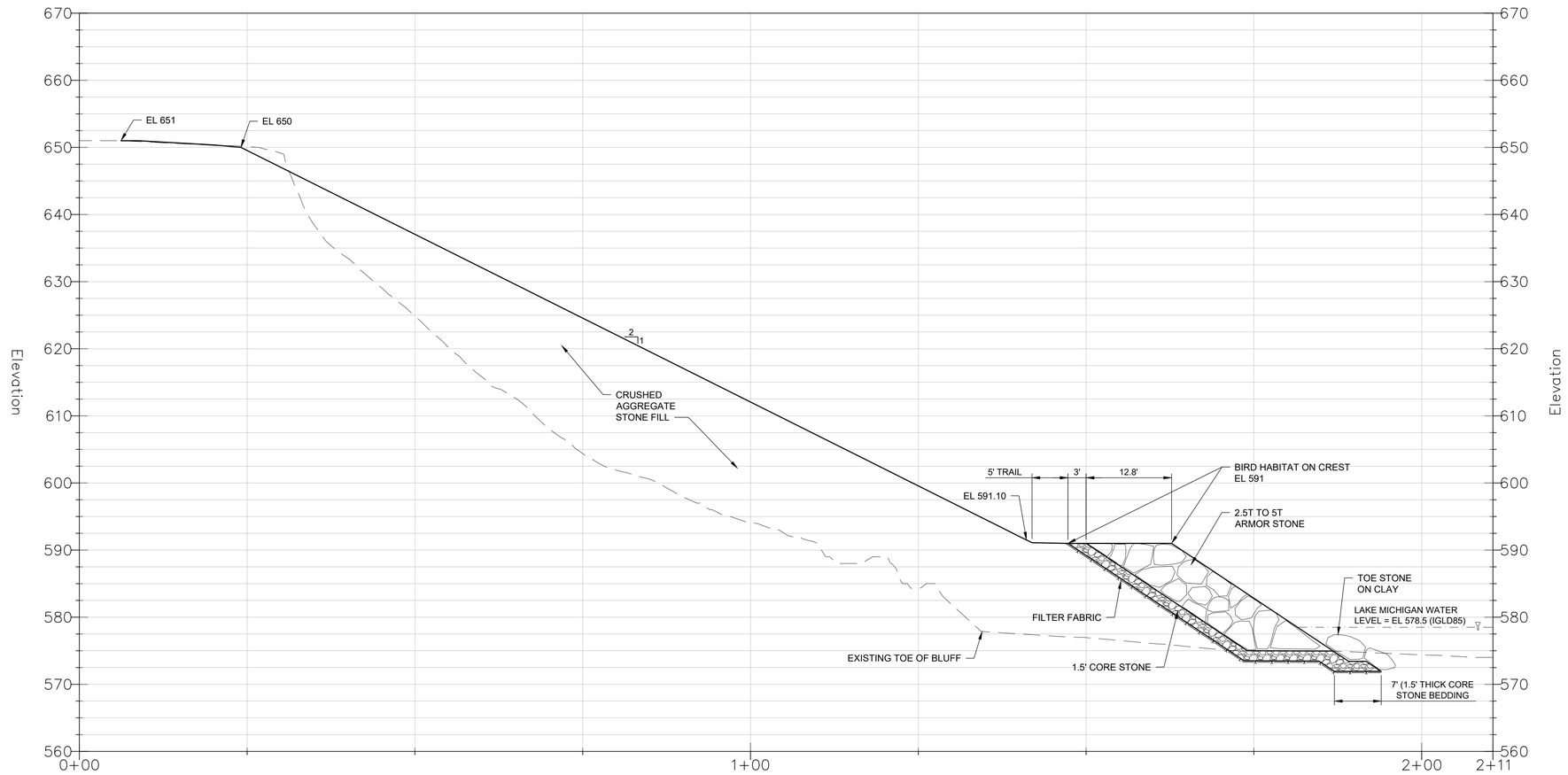
60748847

SHEET TITLE

SECTION A

SHEET NUMBER

3



B/4 SECTION

Scale 1" = 10'

10 0 10 20

SCALE: 1" = 10'

AECOM

PROJECT

663 CIRCLE LANE
LAKE FOREST, ILLINOIS

CLIENT

JOHN KENO & COMPANY
8623 WEST BRYN MAWR AVE.
SUITE 501
CHICAGO, ILLINOIS 60631

CONSULTANT

AECOM
130 EAST RANDOLPH STREET
SUITE 2400
CHICAGO, ILLINOIS 60601
312 373 7700 tel
www.aecom.com

CONSULTANTS

REGISTRATION

ISSUE/REVISION

I	2025-04-15	ISSUED FOR PERMIT
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

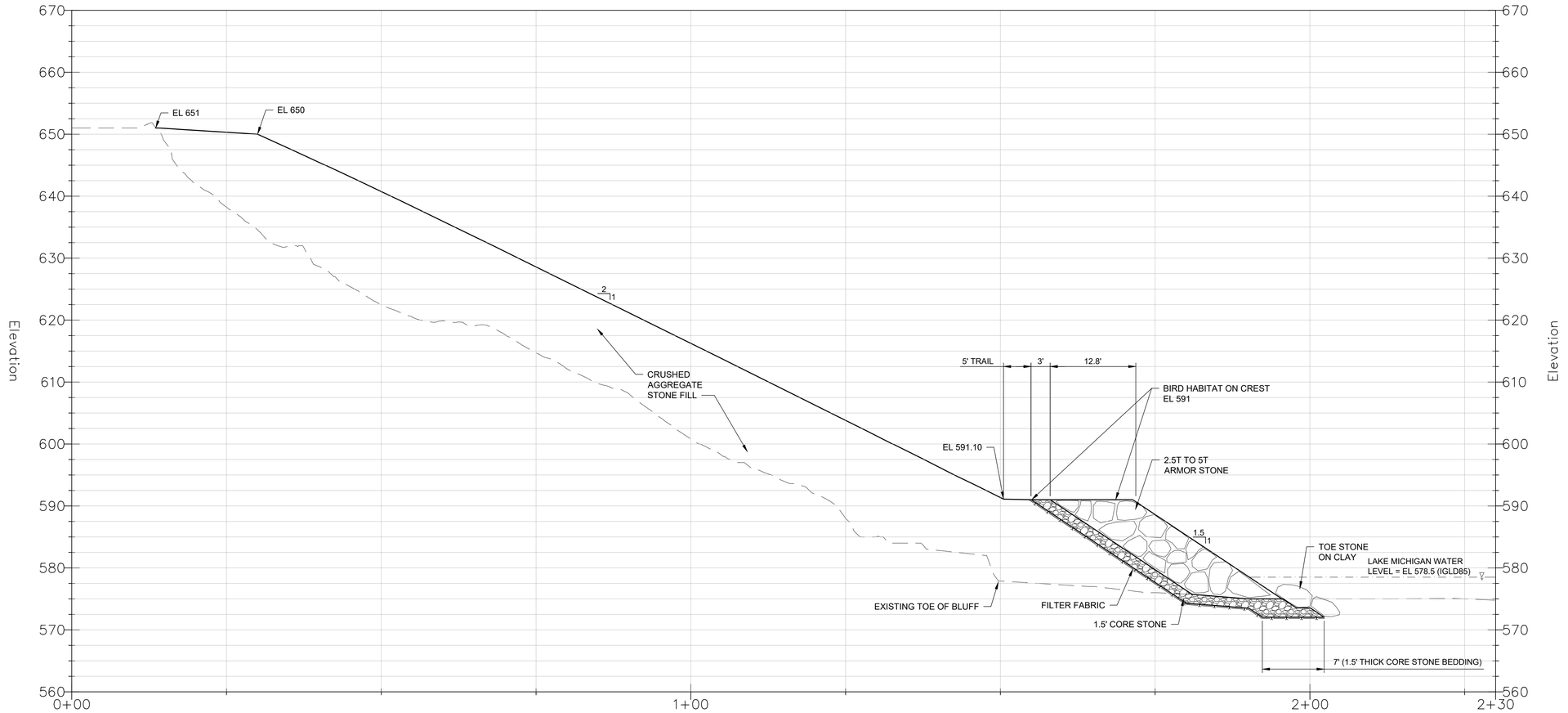
60748847

SHEET TITLE

SECTION B

SHEET NUMBER

4



C/5 SECTION

Scale 1" = 10'

10 0 10 20

SCALE: 1" = 10'

Filename: Z:\CHICAGO-USCHG1\DCS\PROJECTS\WTR\60748847_663_CIRCLE_LANE_LAKEFRONT\900_CAD_GIS\910_CAD\20-SHEETS\C\60748847-C-SHT-PERMIT.DWG Last saved by: KOSTAMOL Last Plotted: 2025-05-07

Printed on ___% Post-Consumer Recycled Content Paper

AECOM

PROJECT

663 CIRCLE LANE
LAKE FOREST, ILLINOIS

CLIENT

JOHN KENO & COMPANY
8623 WEST BRYN MAWR AVE.
SUITE 501
CHICAGO, ILLINOIS 60631

CONSULTANT

AECOM
130 EAST RANDOLPH STREET
SUITE 2400
CHICAGO, ILLINOIS 60601
312 373 7700 tel
www.aecom.com

CONSULTANTS

REGISTRATION

ISSUE/REVISION

I	2025-04-15	ISSUED FOR PERMIT
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

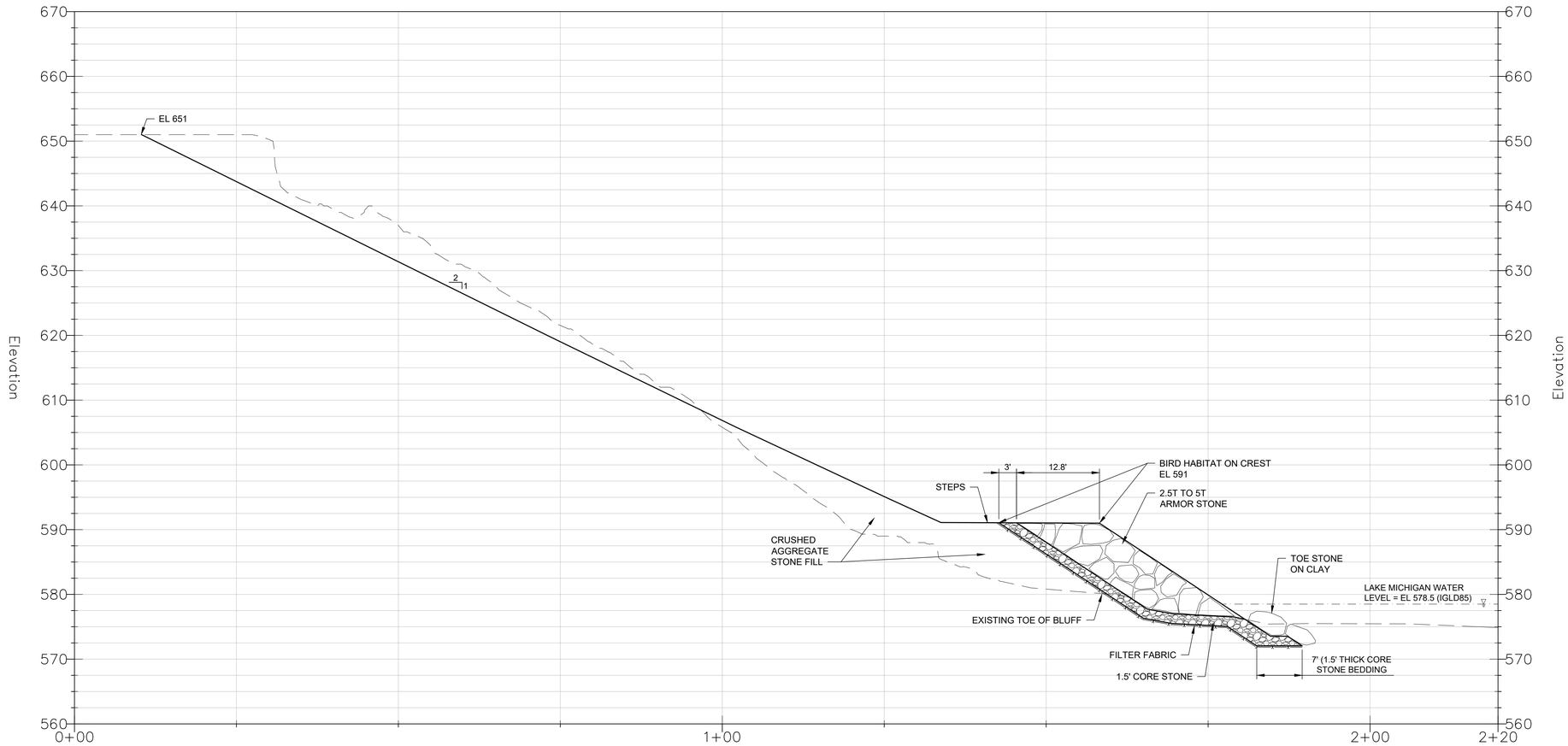
60748847

SHEET TITLE

SECTION C

SHEET NUMBER

5



D/6 SECTION

Scale 1" = 10'

10 0 10 20

SCALE: 1" = 10'

AECOM

PROJECT

663 CIRCLE LANE
LAKE FOREST, ILLINOIS

CLIENT

JOHN KENO & COMPANY
8623 WEST BRYN MAWR AVE.
SUITE 501
CHICAGO, ILLINOIS 60631

CONSULTANT

AECOM
130 EAST RANDOLPH STREET
SUITE 2400
CHICAGO, ILLINOIS 60601
312 373 7700 tel
www.aecom.com

CONSULTANTS

REGISTRATION

ISSUE/REVISION

I	2025-04-15	ISSUED FOR PERMIT
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60748847

SHEET TITLE

SECTION D

SHEET NUMBER

6

Properties North and South of

663 Circle Lane, Lake Forest, IL 60045

North

MR & MRS THOMAS MADSEN (575 CIRLCE LN)

TERRY ROZDOLSKY (TWO LOTS @ 621 & 595 CIRCLE LN)

TIM & HEATHER RICHMOND

South

LAKE FOREST OPEN LANDS ASSOCIATION

LAKE COUNTY FOREST PRESERVE DISTRICT

UNITED STATES DEPARTMENT OF DEFENSE
FORT SHERIDAN

MCCORMICK WOODS NATURE PRESERVE
CITY OF LAKE FOREST

FORT SHERIDAN FOREST PRESERVE
LAKE COUNTY FOREST PRESERVE DISTRICT

CITY OF HIGHWOOD'S WATER TREATMENT FACILITY

2789 OAK (HP) LLC

2787 OAK ST
FARPOINT DEVELOPMENT