



Shabica & Associates, Inc.
WE BUILD BEACHES

RECEIVED
APR 26 2016

OFFICE OF WATER RESOURCES
DIVISION OF RESOURCE MANAGEMENT

Federal Consistency Coordinator
Illinois Coastal Management Program
Illinois Department of Natural Resources
160 N. LaSalle Street, Suite 700
Chicago, IL 60601

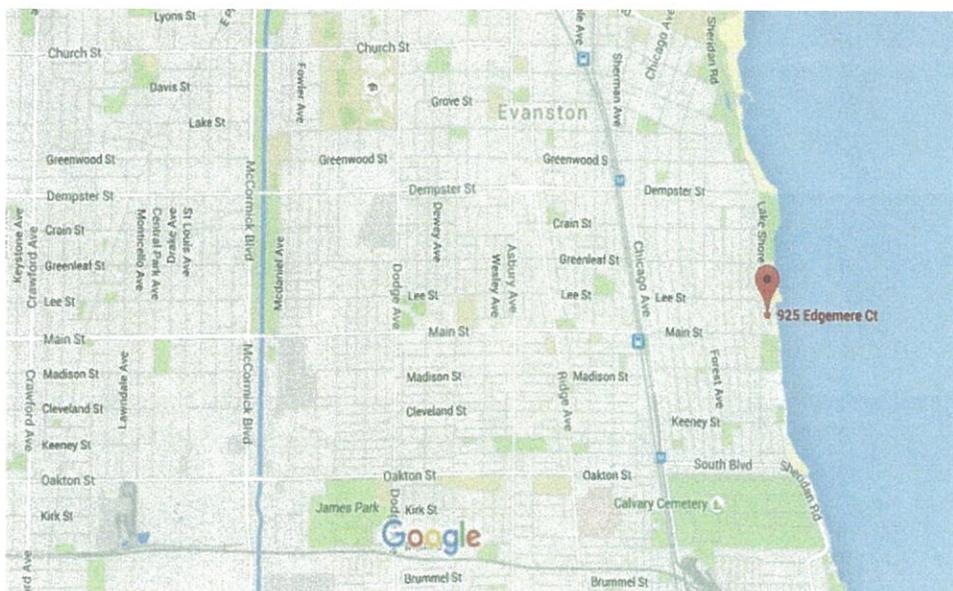
To Whom It May Concern:

March 18, 2016

In compliance with the Illinois Coastal Management Federal Consistency Review Procedures, we provide the following information for a proposed breakwater-protected beach system for the property located at 925 Edgemere Court, Evanston, Illinois 60201, owned by Robert and Monica Breslow.

Location of Project

The proposed breakwater-protected beach system will be built on the lakefront of the property located at 925 Edgemere Court, Evanston, Illinois 60201, owned by Robert and Monica Breslow.



Project Start Date and Duration

Work will not begin until all necessary permits have been received. This work will require approximately 2-4 weeks to complete.

Extent of Work to be Conducted

The existing quartzite revetment will be dismantled and the stone will be stockpiled. A steel seawall, crest elevation +/-587.5' will be installed at or up to 3' west of the west boundary of the existing revetment/ bluff crest. The existing deteriorated quartzite will be reused as well as new quartzite being placed into the new revetment. The revetment will have a crest elevation of 588', a 6' wide crest and a slope of 1:1.5. Quartzite stairs will be integrated into the south end of the revetment for access to Lake Michigan.

All of the proposed work will be completed using marine-based heavy machinery. A crane on a barge will deliver clean stone to the site. A backhoe, delivered via barge, will place the stone. If a sandbar is encountered, up to 40 yards of sand will be sidecast downdrift into the lake.

Contact Information

All questions pertaining to this project can be submitted to:

Jon Shabica, Shabica & Associates, Inc.
550 Frontage Road, Suite 3735
Northfield, IL 60093

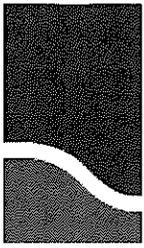
The proposed activity complies with Illinois' approved Coastal Management Program and will be conducted in a manner consistent with such policies.

Sincerely,

Jon Shabica
Vice President



2015 Google Earth Image. Approximate Property Lines in Yellow



Shabica & Associates, Inc.
WE BUILD BEACHES

March 18, 2016

Ms. Kathy Chernich
East Section Chief, Regulatory Branch
Chicago District
U.S. Army Corps of Engineers
231 S. LaSalle Street, Suite 1500
Chicago, IL 60604

Dear Ms. Chernich:

Please find enclosed a permit application for a steel seawall and revetment renovation for the property located at 925 Edgemere Court, Evanston, Illinois 60202 owned by Robert and Monica Breslow.

The proposed activity complies with the approved Illinois Coastal Management Program and will be conducted in a manner consistent with such policies.

Project Purpose Statement:

The subject property has a deflated quartzite revetment that prohibits access to Lake Michigan waters while stormwaves erode land west of the revetment. The proposed revetment renovation is designed to bring the existing revetment up to a higher level of shore protection for the property, while providing safe access to Lake Michigan. The current shore protection system has outlived its design life and wave overtopping is eroding the land west of the revetment.

Type of Permit:

We ascertain the scope of this project requires a regional permit.

Description of Proposed Activity:

The existing quartzite revetment will be dismantled and the stone will be stockpiled. A steel seawall, crest elevation +/-587.5' will be installed at or up to 3' west of the west boundary of the existing revetment/bluff crest. The existing deteriorated quartzite will be reused as well as new quartzite being placed into the new revetment. The revetment will have a crest elevation of 588', a 6' wide crest and a slope of 1:1.5. Quartzite stairs will be integrated into the south end of the revetment for access to Lake Michigan.

All of the proposed work will be completed using marine-based heavy machinery. A crane on a barge will deliver clean stone to the site. A backhoe, delivered via barge, will place the stone. If a sandbar is encountered, up to 40 yards of sand will be sidecast downdrift into the lake.

Schedule of Activity:

Work will not begin until all necessary permits have been received. This work will require 2 to 4 weeks to complete.

Type and Quantity of Fill/Measures Taken to Avoid Impact/Erosion and Sediment Control Plan:

All material will be clean and from inland quarries. Approximately 300 cu. yds. of new, clean quartzite armor will be placed on the revetment. Clay removed for proper placement of the toe stone will be stockpiled on land, then hauled offsite and disposed of properly. Coverage of the lakebed below the OHWM (581.5' IGLD 1985) is 0.04 acres.

All of the above described activities and plans will follow RPP and IPP terms and conditions. All of the proposed work adheres to the guidelines prescribed by the Illinois Environmental Protection Agency and its Anti-Degradation Assessment. U.S. Fish & Wildlife Service and the Illinois Historic Preservation Association will be updated on all relevant correspondence.

If you have any questions please feel free to call me at the phone number below.

Sincerely,

Jon Shabica
Vice President

C: IDNR/OWR (Casey)
IEPA (Heacock)
U.S. Fish & Wildlife Service
Illinois Historic Preservation Agency (Haaker)
Robert and Monica Breslow
Robert Brechel



2015 Google Earth (approximate property lines in yellow)



2016 SA Photo: View of deflated revetment looking north



2016 SA Photo: View of existing revetment looking south
Note: Erosion landward of the revetment

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: Robert & Monica Breslow Company Name (if any) : Address: 240 W. Laura Drive Addison, IL 60101 Email Address:	3b. Co-Applicant/Property Owner Name (if needed or if different from applicant): Company Name (if any): Address: Email Address:	4. Authorized Agent (an agent is not required): Jon Shabica Company Name (if any): Shabica & Associates, Inc. Address: 550 Frontage Road Suite 3735 Northfield, IL 60093 Email Address:
--	--	--

Applicant's Phone Nos. w/area code Business: Residence: Cell: Fax:	Applicant's Phone Nos. w/area code Business: Residence: Cell: Fax:	Agent's Phone Nos. w/area code Business: Residence: Cell: Fax:
--	--	--

STATEMENT OF AUTHORIZATION

I hereby authorize, Shabica & Associates, Inc. to act in my behalf as my agent in the processing of this application and to furnish, upon request, s

3/15/16
 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.		
b.		
c.		
d.		

6. PROJECT TITLE:
Revetment Renovation

7. PROJECT LOCATION:
 Lakefront at 925 Edgemere Ct., Evanston, IL

LATITUDE: 42.03483 °N LONGITUDE: -87.66948 °W	UTM's Northing: 4653859.62m Easting: 16T 444585.09m										
STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION Lakefront at 925 Edgemere Ct., Evanston IL	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">LEGAL DESCRIPT</th> <th style="width: 15%;">QUARTER</th> <th style="width: 15%;">SECTION</th> <th style="width: 15%;">TOWNSHIP NO.</th> <th style="width: 15%;">RANGE</th> </tr> <tr> <td style="text-align: center;">SW</td> <td style="text-align: center;">20</td> <td style="text-align: center;">41N</td> <td style="text-align: center;">13E</td> <td></td> </tr> </table>	LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE	SW	20	41N	13E	
LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE							
SW	20	41N	13E								
<input checked="" type="checkbox"/> IN OR <input type="checkbox"/> NEAR CITY OF TOWN (check appropriate box) Municipality Name Evanston	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%; text-align: center;"> WATERWAY Lake Michigan </td> <td style="width: 25%; text-align: center;"> RIVER MILE (if applicable) </td> </tr> </table>	WATERWAY Lake Michigan	RIVER MILE (if applicable)								
WATERWAY Lake Michigan	RIVER MILE (if applicable)										
COUNTY Cook	STATE IL	ZIP CODE 60202									

8. PROJECT DESCRIPTION (Include all features):

Install a steel seawall, crest elevation of +/-587.5' at or up to 3' west of the landward boundary of the existing revetment/bluff crest. Renovate the existing deflated quarystone revetment to a higher level of shore protection. The renovated revetment will have a crest elevation of 588', a crest width of 6' and an east face slope of 1:1.5 and a north face slope of 1:1. Quartzite steps will be integrated into the south end of the revetment providing pedestrian access to Lake Michigan.

9. PURPOSE AND NEED OF PROJECT:

The revetment is being renovated to provide a higher level of shore protection for the property. The existing quartzite revetment is deflated. Land west of the revetment is being eroded during lake storms.

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

10. REASON(S) FOR DISCHARGE:

To provide a higher level of shore protection for an eroding property.

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

TYPE: Quartzite
 AMOUNT IN CUBIC YARDS:
 300 cu yds

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

.04 acres

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

A quarystone revetment is being renovated to reduce land erosion into Lake Michigan waters

14. Date activity is proposed to commence
 May 15, 2016

Date activity is expected to be completed
 June 15, 2016

15. Is any portion of the activity for which authorization is sought now complete? Yes No
 Month and Year the activity was completed

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

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 No

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)

Applicant is hereby made responsible 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, the information is true and correct. I further certify that I possess the authority to undertake the proposed activities.

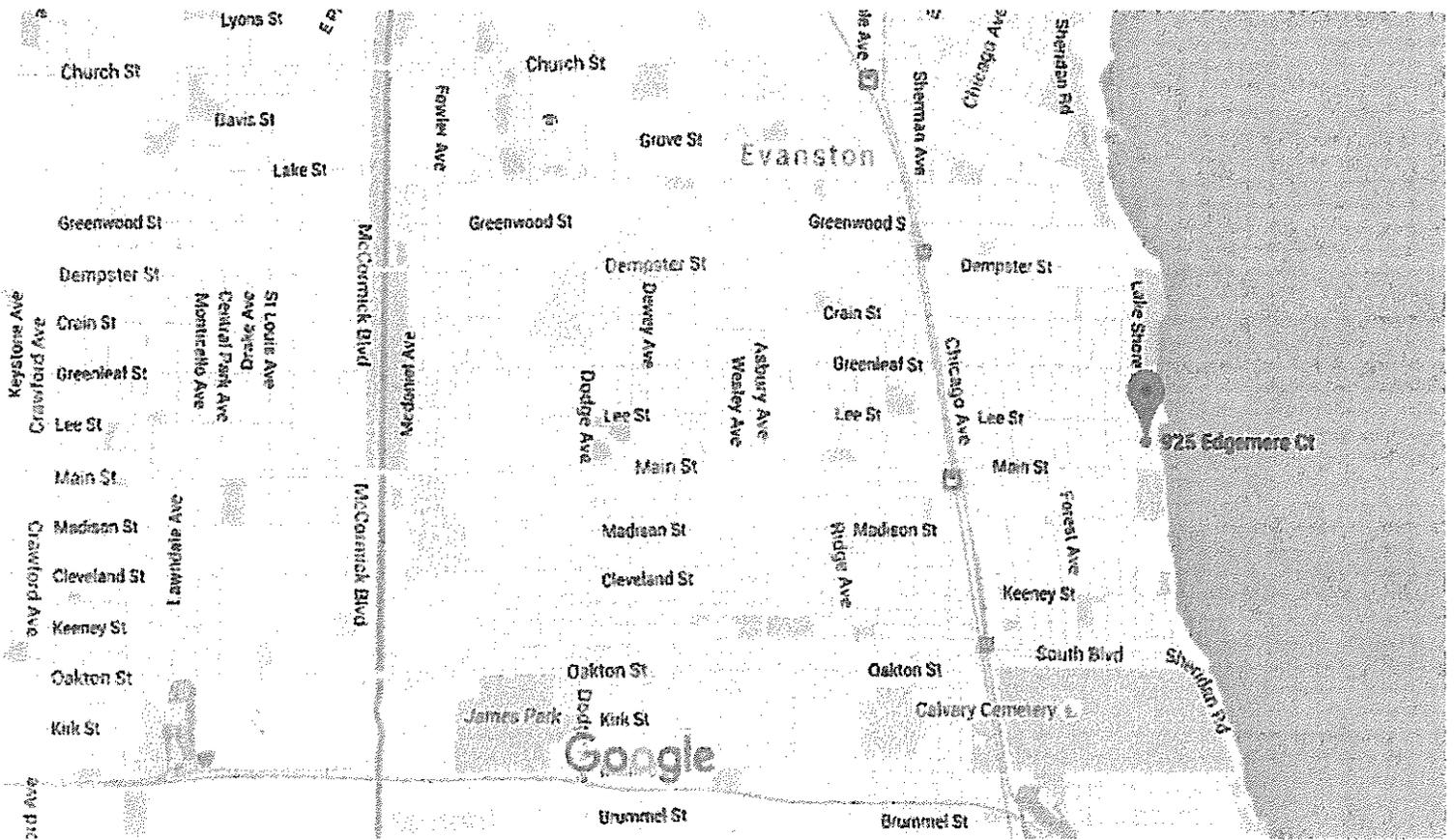
 Date MARCH 18, 2016

 Signature of Applicant or Authorized Agent Date

 Signature of Applicant or Authorized Agent Date

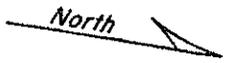
- Corps of Engineers Revised 2010 IL Dep't of Natural Resources IL Environmental Protection Agency Applicant's Copy

Vicinity Map

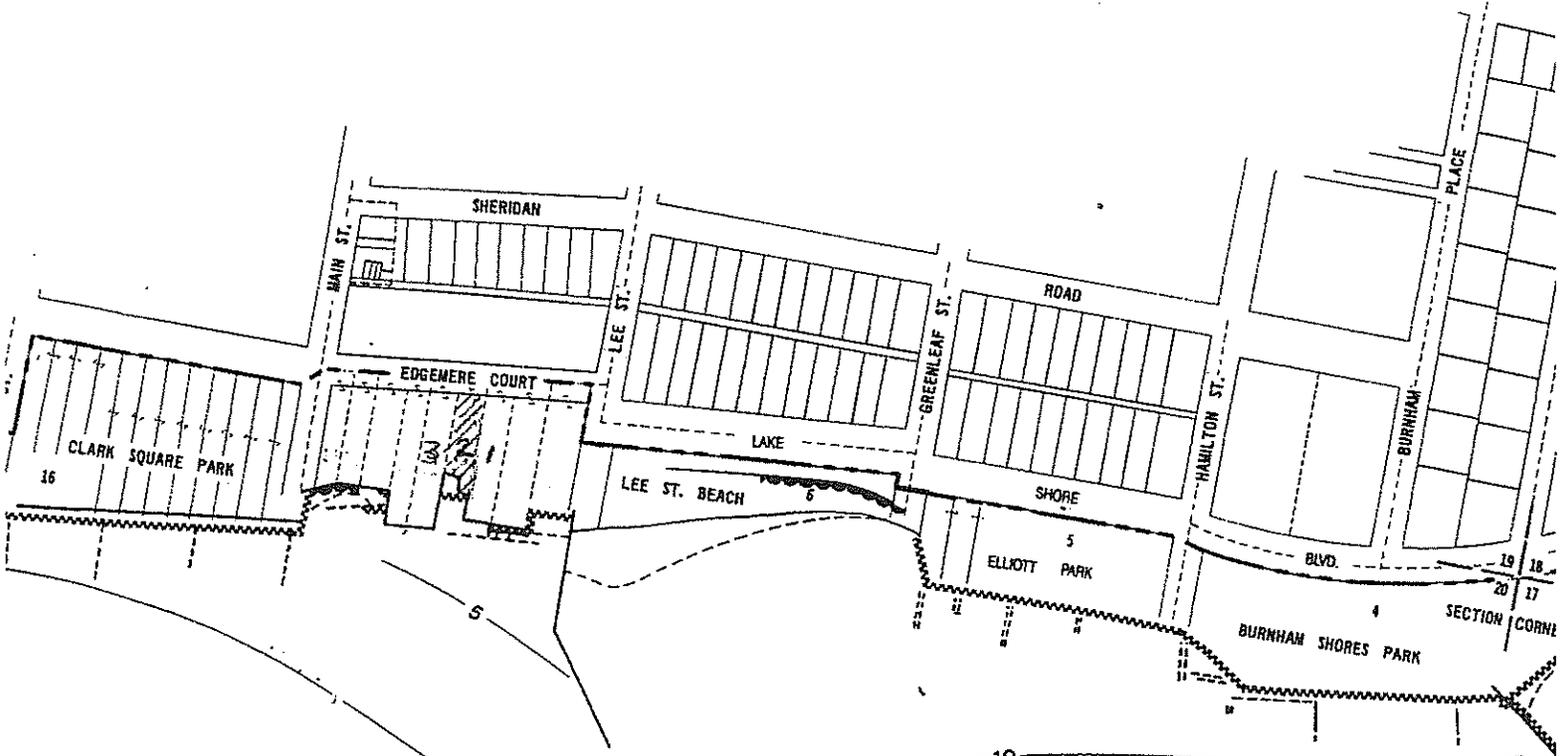


Retevment Renovation

925 Edgemere Court
Evanston, IL 60202

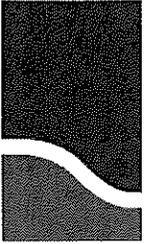


E V A N S T O N



LAKE MICHIGAN





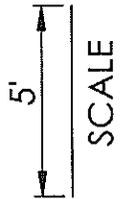
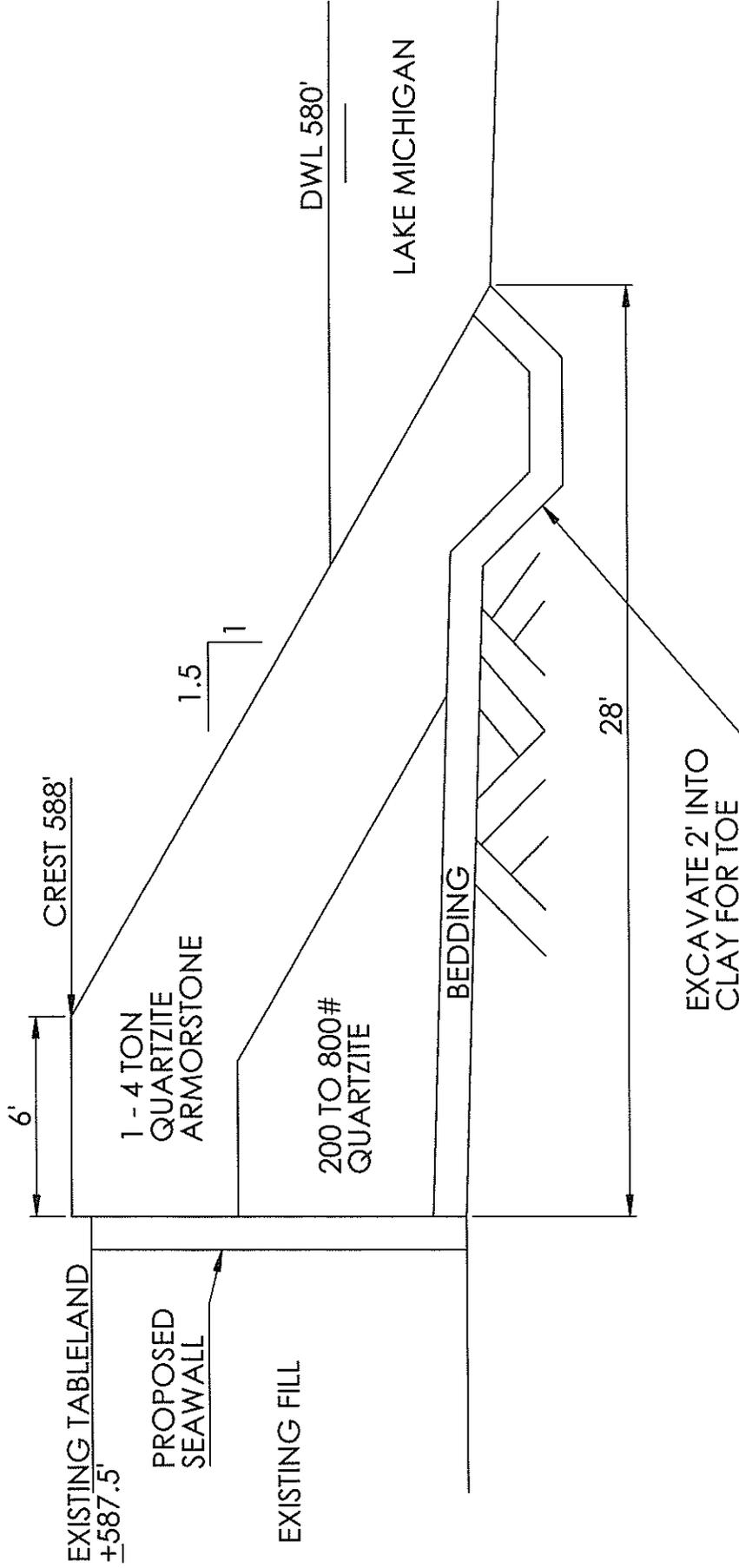
Shabica & Associates, Inc.
WE BUILD BEACHES

Title: Revetment Renovation
Robert and Monica Breslow
925 Edgemere Court
Evanston, Illinois 60202

Submittal Date: March 18, 2016

Plan Sheets: 2016.2.18 Breslow Existing Conditions – Sheet 1 of 3
2016.3.2 Breslow Plan View Revetment – Sheet 2 of 3
2016.3.2 Breslow Cross Section – Sheet 3 of 3

REVETMENT CROSS SECTION - TYPICAL



NAME		DATE		Project Location:	
DRAWN	SN	3/2/16	925	EDGEMERE CT,	EVANSTON
REVISED					
COMMENTS:					
DIMENSIONS ARE IN FEET					
TOLERANCES: +.5' - 1.0'					
ALL ELEVATIONS IN IGLD 1985					
SITE A CROSS SECTION					
SHEET 3 OF 3					

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SHABICA & ASSOCIATES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SHABICA & ASSOCIATES, INC. IS PROHIBITED.

Shabica & Associates, Inc.
 550 Frontage Rd., Suite 3735
 Northfield, Illinois 60093
 www.shabica.com

8 7 6 5 4 3 2 1

SCALE: 1" = 10'

LAKE MICHIGAN
WATER LEVEL = 576.05
(10-9-12)

LAKEBED COVERAGE WITH FILL
BELOW THE OHWM (581.5' IGLD 1985)
IS 0.04 ACRES

APPROXIMATE STAIR LOCATION

PROPOSED REVETMENT

577

578

24'

TW 584.76

TW 584.82
STEEL

EXISTING CONCRETE

CREST 588'

EXISTING STEEL WALL

929 EDMERE COURT

PROPOSED SEAWALL
CREST 587.5'

PROPOSED PATIO

EXISTING BLUFF CREST

919 EDMERE COURT

72'

925 EDMERE COURT,
EVANSTON, ILLINOIS

GRAPHIC SCALE



(IN FEET)
1 inch = 10 ft.

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
SHABICA & ASSOCIATES. ANY
REPRODUCTION IN PART OR AS A
WHOLE WITHOUT THE WRITTEN
PERMISSION OF SHABICA & ASSOCIATES
IS PROHIBITED.

DRAWN
REVISED

NAME
SN

DATE
3/2/16

Project Location:
925 EDMERE CT., EVANSTON, IL

Shabica & Associates, Inc.
550 Frontage Rd., Suite 3735
Northfield, Illinois 60093
847-446-1436
www.shabica.com

COMMENTS:

DIMENSIONS ARE IN FEET
TOLERANCES: +.5', -1'
ALL ELEVATIONS IN
IGLD 1985

SIZE
B

PLAN VIEW
REVETMENT

REV

SHEET 2 OF 3

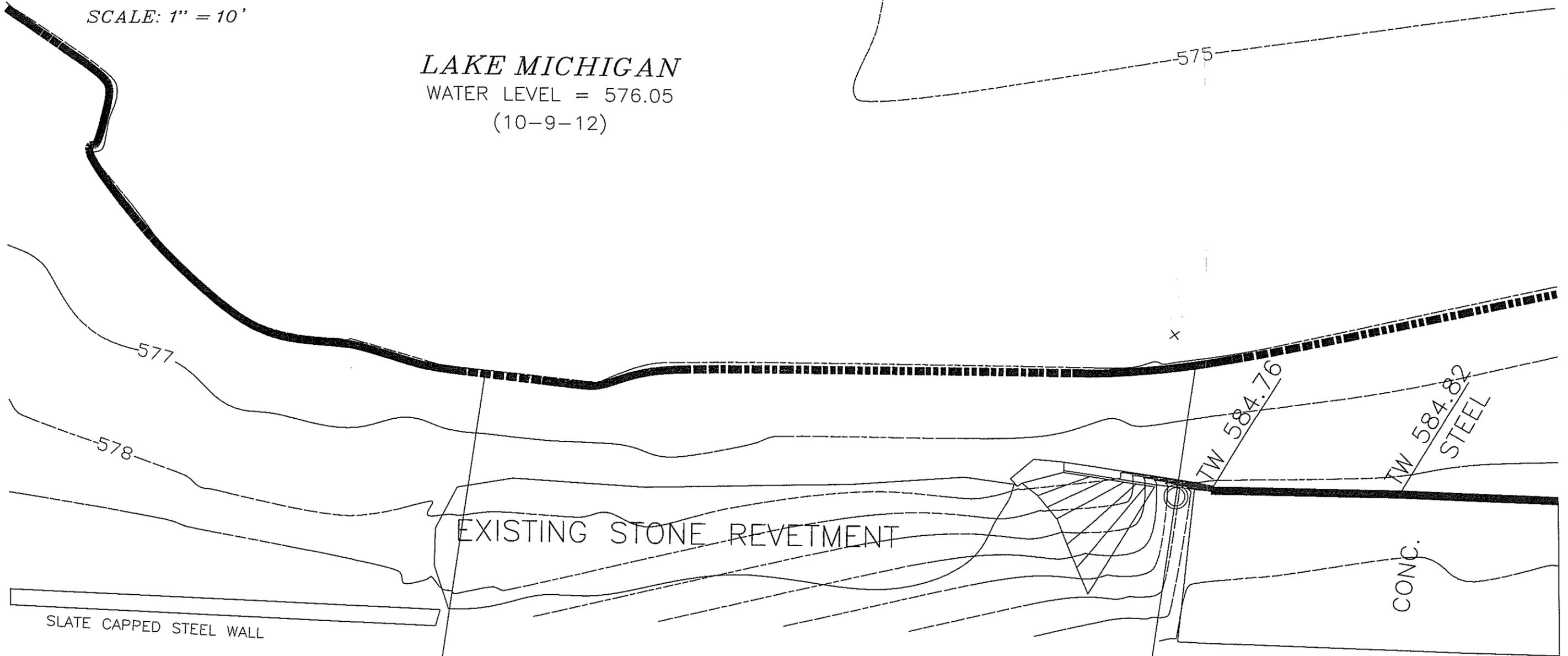
8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

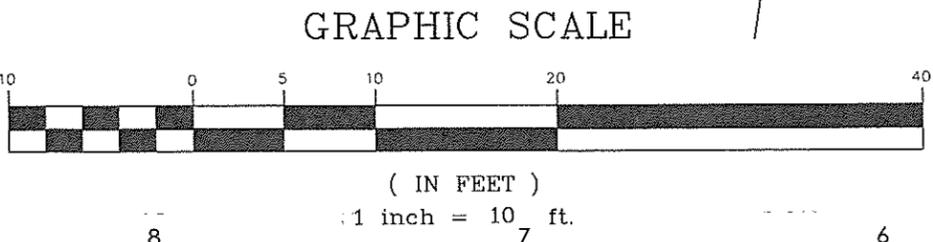
D
C
B
A

SCALE: 1" = 10'

LAKE MICHIGAN
WATER LEVEL = 576.05
(10-9-12)



925 EDGEMERE COURT, EVANSTON, ILLINOIS



PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SHABICA & ASSOCIATES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SHABICA & ASSOCIATES IS PROHIBITED.

DRAWN	NAME	DATE	Project Location:
	SN	2/18/16	925 EDGEMERE CT., EVANSTON, IL
REVISED			
COMMENTS:	DIMENSIONS ARE IN FEET		
	TOLERANCES: +.5', -1'		
	ALL ELEVATIONS IN IGLD 1985		
SIZE	Shabica & Associates, Inc. 550 Frontage Rd., Suite 3735 Northfield, Illinois 60093 847-446-1436 www.shabica.com		
B	EXISTING CONDITIONS		
	REV		
	SHEET 1 OF 3		

8 7 6 5 4 3 2 1