

SPECIAL MEETING
PUBLIC NOTICE

In accordance with the Statutes of the State of Illinois and the Ordinances of the City of Highland Park, the next special meeting of the Natural Resources Commission of the City of Highland Park is scheduled to be held at the hour of 5:30 p.m. on Wednesday, September 12, 2012 at 337 and 353 N. Deere Park Drive East, Highland Park, Illinois, during which it is anticipated there will be a discussion of the following:

CITY OF HIGHLAND PARK
NATURAL RESOURCES COMMISSION
WEDNESDAY, SEPTEMBER 12, 2012
337 AND 353 N. DEERE PARK DRIVE EAST
HIGHLAND PARK, ILLINOIS
5:30 P.M.

MEETING AGENDA

I. Call to Order

II. New Business

A. Tour of Private Residences Located at 337 and 353 N. Deere Park Drive East Regarding Requests for Pre-Application Discussions of Proposed Beach Structure Permit Applications for Regulated Activities within the Lake Michigan Protection Zone at Each Property

III. Adjournment

PUBLIC NOTICE

In accordance with the Statutes of the State of Illinois and the Ordinances of the City of Highland Park, the next meeting of the Natural Resources Commission of the City of Highland Park is scheduled to be held at the hour of 6:30 p.m. on Wednesday, September 12, 2012 at 1707 St. John's Avenue, Highland Park, Illinois, during which it is anticipated there will be a discussion of the following:

CITY OF HIGHLAND PARK
NATURAL RESOURCES COMMISSION
WEDNESDAY, SEPTEMBER 12, 2012
1707 ST. JOHN'S AVENUE
HIGHLAND PARK, ILLINOIS
6:30 P.M.

MEETING AGENDA

I. Call to Order

II. Roll Call

III. Approval of Minutes: July 11, 2012

IV. Business from the Public

V. New Business

- A. Pre-Application Discussion of a Beach Structure Permit Application for Regulated Activities in the Lake Michigan Protection Zone at 337 N. Deere Park Drive East
- B. Pre-Application Discussion of a Beach Structure Permit Application for Regulated Activities in the Lake Michigan Protection Zone at 353 N. Deere Park Drive East
- C. Discussion of Proposed 2013 Work Program and Budget Request
- D. Discussion of the Need for Steep Slope Maintenance Guidelines and Standards

VI. Old Business

- A. Status Report on the Adopt-A-Beach Event on September 15, 2012
- B. Status Report on the GreenTown Event on October 19, 2012
- C. Status Report on Educational Movie Series Screening on October 22, 2012
- D. Status Report on the Green Team
- E. Status Report on the Residential Composting Pilot Program
- F. Status Report on the Polystyrene Recycling Pilot Program

VII. Other Business

- A. Commissioner Comments
- B. Administrative Items

VIII. Adjournment

Posted in City Hall on September 5, 2012

**MINUTES OF A REGULAR MEETING OF
THE NATURAL RESOURCES COMMISSION OF THE CITY OF HIGHLAND
PARK, ILLINOIS**

MEETING DATE: July 11, 2012

MEETING LOCATION: Pre-Session Room, City Hall, 1707 St. Johns Avenue, Highland Park, IL

CALL TO ORDER

At 6:35 p.m., Chairman Bogot called the meeting to order and the Staff Liaison called the roll.

ROLL CALL

Members Present: Bogot, Compher, Hill, Himmelfarb, Matthews and Sultan

Members Absent: Dennison, Naftzger and Beck

The Staff Liaison declared that there was a quorum of the Commission present.

Staff Present: Staff Liaison Barbara Cates

Also Present: Councilman Mandel

MINUTES

A. Regular Meeting of the Natural Resources Commission— June 13, 2012

Commissioner Sultan requested a modification to the first sentence of the fourth paragraph under item A of New Business in the draft minutes to clarify comments made by Commissioners Hill and Sultan. Commissioner Matthews requested a modification to the last sentence of paragraph 6 under item A of New Business to make note that the Commission conditioned its recommendation upon the planting of native vegetation at the base of the outdoor fireplace *and* the base of the retaining wall.

Commissioner Hill moved for approval of the amended minutes of the regular meeting of the Natural Resources Commission held on Wednesday, June 13, 2012. Commissioner Sultan seconded the motion.

On a voice vote, Chairman Bogot declared that the motion passed 5-0-1, with Chairman Bogot abstaining due to absence at the June 13th meeting.

BUSINESS FROM THE PUBLIC

Marjie Ettliger of 91 Sycamore Place inquired if the public would be able to purchase finished compost from the City's composting pilot program. Staff Liaison Cates noted that

she would refer the question to the City Manager's Office and provide Ms. Ettlenger with more information the following day.

NEW BUSINESS

A. 251 Cary Avenue-Consideration and Approval of Staff-Drafted Findings of Fact Recommending Zoning Board of Appeals Approval of a Steep Slope Variation to Maintain an Existing Outdoor Fireplace

Commissioner Matthews requested an amendment to the draft Findings of Fact to make it clear that the Commission's recommendation is conditioned on the installation of native plants at the base of the outdoor fireplace *and* the base of the retaining wall. Staff Liaison Cates noted the sentences in the draft Findings of Fact that will be changed to accommodate Commissioner Matthew's request.

Commissioner Sultan voted to approve the amended Findings of Fact recommending approval of a Steep Slope Variation to Maintain an Existing Outdoor Fireplace at 251 Cary Avenue and forward them to the Zoning Board of Appeals for final determination. Commissioner Hill seconded the motion.

On a voice vote, Chairman Bogot declared that the motion passed 5-0-1, with Chairman Bogot abstaining due to absence during the Commission's consideration of the matter at the June 13th meeting.

Staff Liaison Cates noted that the Findings will be forwarded to the Zoning Board of Appeals for consideration at the July 19th meeting, and a status report on the case will be provided to the Commission at the next meeting.

Commissioner Hill noted that he must leave the Commission meeting prior to the discussion of Other Business; Hill updated the Commission on the annual Great Lakes and St. Lawrence Cities Initiative meeting which had recently been held in Quebec City. Hill noted that he had the opportunity to meet with the Mayor of Quebec City, Régis Labeaume, and the experience had been enjoyable. Hill noted that the conference had reaffirmed his confidence in the City's Steep Slope regulations. Chairman Bogot thanked Commissioner Hill for representing the Commission at the event. Hill exited the meeting at 7:15 p.m.

B. Discussion of Commission Participation at the Adopt-A-Beach Event on September 15, 2012

Staff Liaison Cates noted that sign-up announcements have been made for the September 15th Adopt-A-Beach event. Cates asked if the Commission had an interest in participating at an established location, or serving as a Captain at one of the beach locations. Steve Meyer asked if the Commission could participate at Central Avenue Beach. At the Commission's direction, Cates noted that she would contact the Alliance to determine opportunities. The Commission encouraged Cates to post event information on the City's website and in the Park kiosks when available.

OLD BUSINESS

A. Recap of July 4th Event

Chairman Bogot presented a recap of the July 4th festivities, noting that several Commission representatives had walked in the parade alongside electric vehicles to promote the GreenTown event. Bogot reported that the location of the booth had not been ideal, but that a very excited Highland Park resident won the composting bin in the raffle.

B. Recap of June 16th Ravine Cleanup Event

Vice Chair Himmelfarb presented a recap of the ravine cleanup and planting event. Park District Representative Meyer thanked Nancy for her family's participation.

C. Status Report on the Green Team

Vice Chair Himmelfarb reported on the Zero Waste Schools Initiative that will be underway at the beginning of the school year. Himmelfarb indicated that Seven Generations Ahead will be assisting with the implementation of sustainability goals. Chairman Bogot noted that it would be nice to get the schools involved in the City's composting pilot program.

OTHER BUSINESS

Chairman Bogot noted that the August Commission will be cancelled as there are no pressing agenda items.

Park District Representative Meyer provided a status report on the Park District's plans for Rosewood Beach. Commissioner Sultan noted that he had spoken with Park Board members about the possibility of displaying the Commission's educational materials at future Park District facilities.

Commissioner Compher discussed the Smart Energy Design Assistance Center and requested the results of any free energy audits that had been conducted on City buildings. Staff Liaison Cates responded that she would request the information from the City Manager's Office.

Chairman Bogot discussed electrical aggregation and encouraged Commissioners to opt into the sustainable option because the cost was negligible.

Park District Representative Meyer discussed a recent clear-cut on the bluff at Belle Avenue. Staff Liaison Cates noted that the City is aware of the issue and is taking steps to address it. Cates noted that the matter will likely result in a discussion of the Steep Slope regulations regarding bluff vegetation at the Commission's September meeting.

Staff Liaison Cates reported that the Committee of the Whole is scheduled to consider information pertaining to recycling receptacles for the Central Business District at the meeting on July 23rd. The Commission is invited to attend, and Chairman Bogot and Commissioner Matthews will be serving as Commission representatives at the discussion.

Staff Liaison Cates noted that staff is in the process of reaching out to businesses impacted by the plastic bag recycling receptacle requirements in order to determine compliance. Staff will be taking the steps necessary to ensure that the requirements are met.

ADJOURNMENT

Chairman Bogot adjourned the meeting at 8:00 p.m.

Respectfully Submitted,

Barbara E. Cates, Secretary

MINUTES APPROVED BY THE NATURAL RESOURCES COMMISSION ON _____

- WITH CORRECTIONS
(SEE MINUTES OF _____ MEETING FOR CORRECTIONS)
- WITH NO CORRECTIONS

DRAFT



Memorandum

To: Members of the Natural Resources Commission

From: Barbara E. Cates, Planner II

Date: September 5, 2012

Re: Agenda Items for the September 12th Meeting of the Natural Resources Commission

NEW BUSINESS:

A and B. Pre-Application Discussions of Beach Structure Permit Applications for Regulated Activities in the Lake Michigan Protection Zone at 337 and 353 N. Deere Park Drive East

Pre-applications for Beach Structure Permits at 337 and 353 N. Deere Park Drive E. have been submitted for the Commission's consideration. Although the pre-applications have been filed separately, the proposals concern a single improvement that spans across both properties. The applicants note that the existing revetment was installed in 1985, before the property was subdivided into two separate lots.

The applicants, Peter and Linda Karmin at 337 N. Deere Park Drive E., and Peter Rose at 353 N. Deere Park Drive E., are jointly proposing to perform maintenance on an existing stone revetment located at the toe of the bluff. The proposed work consists of reinforcing the existing revetment with additional stone, which will be placed on clay lakebed and/or existing cobble at the base of the existing revetment on the lakeward (eastern) side. The applicants note that proposed improvement has been designed to function during various lake levels, and earth moving and grading will not be necessary for the project. All materials will be brought to the site via barge on Lake Michigan, and a backhoe and/or crane will be used as necessary. Because the work is classified as a "Regulated Activity" under Section 150.703.1(E)(1) of the Zoning Code, the applicants must pursue Beach Structure Permits.

Agency Approvals

Section 150.703.1(E)(4)(a)viii of the Zoning Code requires the applicant to obtain and submit "copies of any and all permits required by the federal, state, and county governments" before the Natural Resources Commission can consider the request for a Beach Structure Permit. Per this requirement, the applicant previously submitted the proposed plans to the U.S. Army

Corps of Engineers, the Illinois Environmental Protection Agency, the Illinois Department of Natural Resources, Illinois Historic Preservation Agency and Lake County Stormwater Management Commission. The applicants have secured the attached approvals; please note that although the Illinois Department of Natural Resources has expressed its approval within the attached email, a formal permit from the Illinois Department of Natural Resources is required to be submitted as soon as it is received.

Engineering Division Review

The Engineering Division has reviewed the application materials and submitted the attached memorandum, dated September 7, 2012, for the Commission’s consideration. The Engineering Division does not object to the proposed improvements, but it should be noted that if the project is approved, certification of the completed work will be required to verify that it meets the approved plan specifications.

Beach Structure Ordinance Process & Policy

Per Section 150.703.1(E)(5(a), the Commission is being asked to hold a pre-application discussion of the proposed Beach Structure Permits, with the understanding that formal Permit Applications will be filed for consideration at a future meeting. Once the Permit Application has been scheduled for the Commission’s consideration, the applicants will be required to meet the public notification requirements which require written notice to be provided to the first ten properties located “upwater” and the first ten properties located “downwater” from the subject property.

Beach Structure Ordinance Standards

The Beach Structure Ordinance regulates and requires permits for all activity in the City’s “Lake Michigan Protection Zone,” an area comprised of all land between Lake Michigan and the toe of the bluff. Prior to the City’s issuance of a permit for any activity in the Lake Michigan Protection Zone, the Natural Resources Commission must consider the matter under the following standards and *forward Findings of Fact to the City Council for final approval.*

The Commission is being asked to consider the attached pre-applications and give feedback to the applicants for their preparation of formal Beach Structure Permit applications, to be considered by the Commission at a future meeting.

<p><u>Standards</u></p> <p>No permit for a Regulated Activity in the Lake Michigan Protection Zone shall be approved unless all of the following standards have been met or satisfied:</p> <p>(a) The proposed Regulated Activity and/or Structure shall not unreasonably impede access to or pedestrian movement along the beach or to Lake Michigan;</p> <p>(b) The proposed Regulated Activity and/or Structure</p>

shall not unnecessarily impede navigability within Lake Michigan;

(c) The proposed Regulated Activity and/or Structure shall not unreasonably impact the Subject Property or the Adjacent Properties;

(d) The Applicant has proposed appropriate long-term maintenance requirements and plans, as necessary, for the proposed Regulated Activity and/or Structure;

(e) The proposed means and methods of undertaking the Regulated Activity and/or Structure are consistent with appropriate design and aesthetics principles;

(f) The proposed Regulated Activity and/or Structure shall not create new nor amplify existing erosion problems on the Subject Property and on Adjacent Properties;

(g) The proposed Regulated Activity and/or Structure shall be for the purposes of erosion control, water gathering, and/or public access only;

(h) There will not be an unnecessary adverse environmental or ecological impact on the Subject Property or on any of the Adjacent Properties as a result of the proposed Structure and/or the Regulated Activity;

(i) The proposed Structure and/or the Regulated Activity is the least environmentally and ecologically intrusive means of achieving the stated purpose of the Structure; and

(j) The Applicant has properly obtained any and all permits required by the federal, state, and county governments for the Regulated Activity and/or the Structure.

Feel free to contact me if you have any questions regarding this matter, or if you would like to further discuss the Beach Structure Ordinance prior to the meeting. Per the Commission's direction, I will be prepared to deliver a brief presentation summarizing the proposed project. As usual, the above list of Beach Structure Ordinance standards will also be available on the table for the Commission's reference and discussion.

Please note that a special meeting will be held at the properties at 5:30 p.m. prior to the Commission meeting on September 12th to give the Commission the opportunity to inspect the property as a group. Applicant representatives will be on hand, and I urge you to drop by if you are available.

C. Discussion of Proposed 2013 Work Program and Budget Request

Chairman Bogot, Commissioner Naftzger and I worked together to draft the attached 2013 work plan for the Commission's consideration. It has been prepared in the format that was

used for this year, with the understanding that the Commission can allocate responsibilities and determine the appropriate timeline for projects at the beginning of 2013.

The proposed projects are intended to reflect the Commission’s mission and purpose, and have been shaped by the Commission’s ongoing discussions and prioritization of action items this year. The Commission is being asked to discuss and approve the work plan and budget request so that it may be submitted to the City Council for consideration by the deadline as required.

DRAFT 2013 BUDGET REQUEST

Based on the attached proposed work plan, it is suggested that the Commission request the following budget:

EDUCATION & TRAINING

Special Events

This budget line item will give the Commission flexibility and cover costs associated with kiosk displays and environmental education events including Arbor Day, July 4th, Earth Day, beach and river cleanups and movie screenings.....\$2,000

Steep Slope Maintenance Guidelines

I will provide more information on this proposed project at the upcoming meeting, including details on the funds that would be necessary to achieve this particular work plan goal....TBD

BOOKS & SUPPLIES

This budget line item has historically been included within the Commission’s budget and gives the Commission the opportunity to purchase books, periodical subscriptions or other educational materials as necessary.....\$100

DINNERS

This budget line item covers the cost of dinners at Commission meetings.....\$1,500

D. Discussion of the Need for Steep Slope Maintenance Guidelines and Standards

At the upcoming meeting, I will provide the Commission with a brief overview of recent Steep Slope forestry activities and lead a discussion of the need for maintenance guidelines, the development of which could serve as a possible project to be incorporated into the Commission’s 2013 work plan budget goals. I expect to know more regarding the anticipated financial impact of the project by the meeting discussion.

OLD BUSINESS:

A. Status Report on the Adopt-A-Beach Event on September 15, 2012

At the July meeting, the Commission expressed an interest in participating in the Adopt-A-Beach Event scheduled to be held on Saturday, September 15th from 9:00 a.m. to 12 p.m. Chairman Bogot and I have been working with the Park District to coordinate event coverage, and we will provide the Commission with a status report on the item at the upcoming meeting. For more information on the event, please visit: <http://www.greatlakes.org/adopt-a-beach/SAAB>

B. Status Report on the GreenTown Event on October 17- 19, 2012

The GreenTown event planning committee has been working to coordinate an extensive lineup of activities for the upcoming conference, scheduled to be held Wednesday, October 17th through Friday, October 19th. Additional information, including a conference agenda, is attached for your information. To register for the event, visit: www.greentownconference.com

C. Status Report on Educational Movie Series Screening on October 22, 2012

Commissioner Dennison has secured screenings for the movies *Just Do It* and *With My Own Two Wheels*. The Highland Park Library screening room has been reserved for Monday, October 22nd, and Commissioner Dennison will provide the Commission with a summary of the movies at the upcoming meeting.

D. Status Report on the Green Team

Vice Chair Himmelfarb will provide information on this agenda item at the meeting.

E. Status Report on the Residential Composting Pilot Program

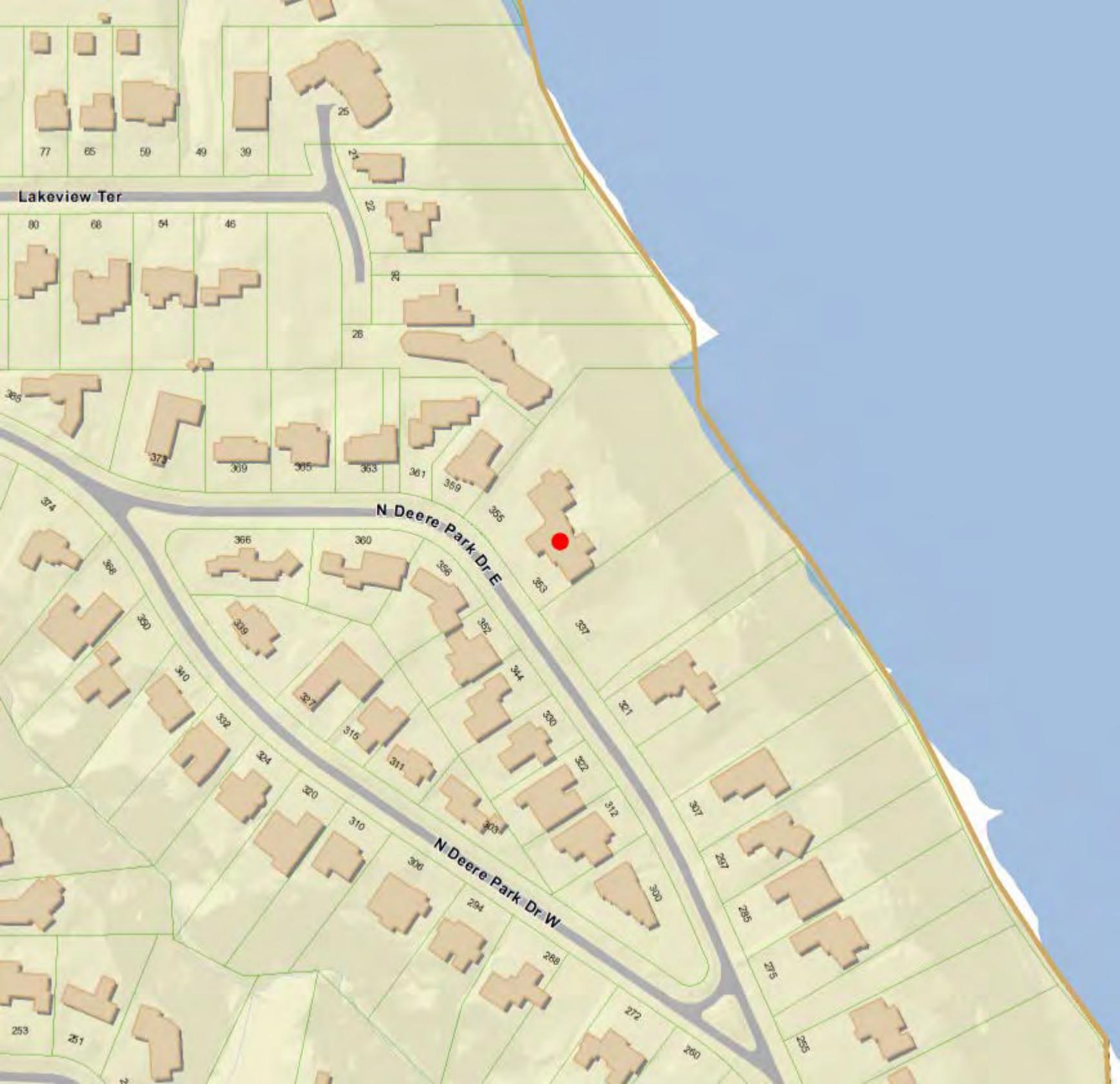
I will provide information on this agenda item at the meeting.

F. Status Report on the Polystyrene Recycling Pilot Program

I will provide information on this agenda item at the meeting.

ATTACHMENTS:

- 337 and 353 N. Deere Park Drive E. GIS Map
- 337 and 353 N. Deere Park Drive E. Aerial Photo
- Memorandum from the Engineering Division, dated September 7, 2012
- 337 N. Deere Park Drive E. Pre-Application Beach Structure Permit Materials
- 353 N. Deere Park Drive E. Pre-Application Beach Structure Permit Materials
- DRAFT Proposed 2013 Commission Work Plan
- GreenTown Conference Information

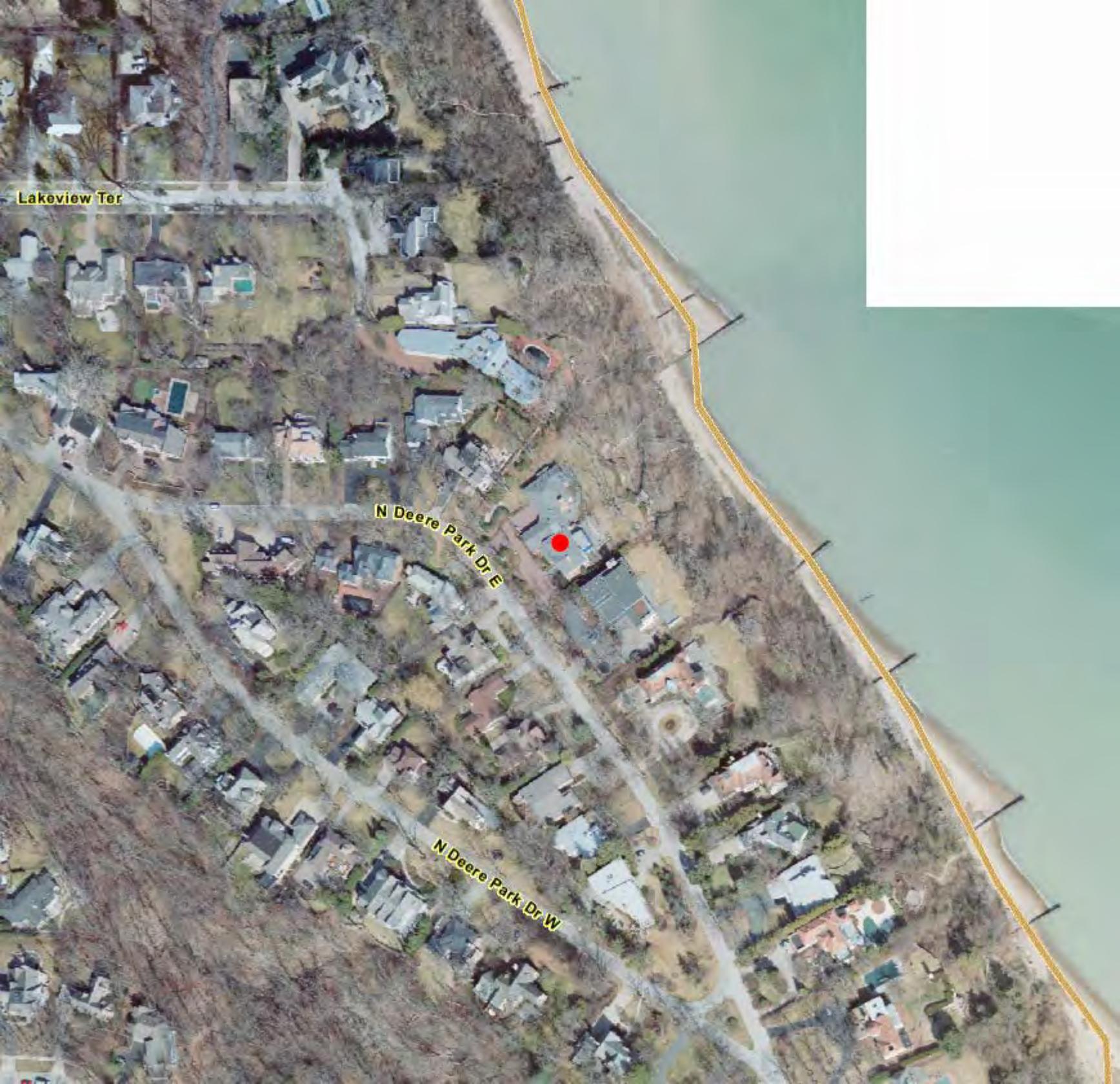


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N Deere Park Dr E

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PUBLIC WORKS MEMORANDUM



DATE: September 7, 2012

TO: Barbara Cates, Planner

FROM: John Welch, City Engineer

SUBJECT: Revetment Maintenance at 337 and 353 North Deere Park Drive

The plan for the proposed revetment augmentation located on the Lake Michigan beach at the above-referenced addresses has been satisfactorily revised in accordance with my comments dated August 22, 2012. The Army Corps of Engineer, Illinois Department of Natural Resources and Lake County Stormwater Management Commission have approved the proposed addition to the existing stone revetment.

The Department of Public Works requires a certification/verification upon completion of the work from the design professional (Shabica and Associates) stating that the work has been satisfactorily completed in accordance with all permit requirements of the various agencies involved, and meets the approved plan and specifications.

The Department of Public Works concludes that the proposed revetment project complies with the requirements specified in the City's Code. Please contact me at extension 1145 if there are any concerns or comments that we should address or clarify.



**337 N. Deere Park Drive E.
Highland Park**

**Submittal to
Community Development Department
August 14, 2012**

Prepared By:

**Shabica & Associates, Inc.
Sustainable Coastal Solutions
550 Frontage Road, Suite 3735
Northfield, Illinois 60093
Tel. 847-446-1436
Fax 847-716-2007**



Shabica & Associates, Inc.
Sustainable Coastal Solutions

Barbara Cates
City of Highland Park
Community Development Department
1150 Half Day Road
Highland Park, Illinois 60035

Dear Ms. Cates:

August 14, 2012

Mr. and Mrs. Peter & Linda Karmin would like to submit this application regarding the proposed revetment toe maintenance at his property located at 337 N. Deere Park Drive E. The revetment was originally built in 1985 when this property and the adjacent property to the north (353 N. Deere Park Drive E., owned by Mr. Peter Rose) were one (the property was subdivided in years since). As the revetment is continuous across both properties, the project is being completed jointly. Additionally, the project was approved by Federal, State and County agencies as a joint project.

Per the guidelines of the City of Highland Park, these two projects are being submitted individually to the City. All Federal, State and County permits have been approved for the proposed work (attached in Appendix).

The City's Standards for Review, as outlined in the "Lake Michigan Protection Regulations" from Section 150.703.1 *Special Regulations for the LFOZ Lakefront Density and Character Overlay Zone*, are outlined below with our responses following:

- a. *The proposed Regulated Activity and/or Structure shall not unreasonably impede access to or pedestrian movement along the beach or to Lake Michigan.***
This project will not impede pedestrian access or movement along the beach or to Lake Michigan.
- b. *The proposed Regulated Activity and/or Structure shall not unnecessarily impede navigability within Lake Michigan***
The project will not have any impact on navigability of Lake Michigan.
- c. *The proposed Regulated Activity and/or Structure shall not unreasonably impact the Subject Property or the Adjacent Properties***
The project will not unreasonably impact any coastal properties.
- d. *The Applicant has proposed appropriate long-term maintenance requirements and plans, as necessary, for the proposed Regulated Activity and/or Structure***
The project is maintenance and part of a long-term maintenance plan.

- e. *The proposed means and methods of undertaking the Regulated Activity and/or Structure are consistent with appropriate design and aesthetics principles***
The means and methods of construction will not impact design and aesthetics; all work will be completed via marine mobilization.
- f. *The proposed Regulated Activity and/or Structure shall not create new nor amplify existing erosion problems on the Subject Property and on Adjacent Properties***
The project will prevent future bluff erosion on the subject properties, and will not affect adjacent properties.
- g. *The proposed Regulated Activity and/or Structure shall be for the purposes of erosion control, water gathering, and/or public access only***
The proposed revetment will prevent future bluff erosion on the subject properties.
- h. *There will not be an unnecessary adverse environmental or ecological impact on the Subject Property or on any of the Adjacent Properties as a result of the proposed Structure and/or the Regulated Activity***
The proposed structure will not cause unnecessary adverse environmental or ecological impact as it is a replacement of an existing revetment toe at the back of a sandy beach.
- i. *The proposed Structure and/or Regulated Activity is the least environmentally and ecologically intrusive means of achieving the stated purpose of the Structure***
The proposed structure is a viable, environmentally-correct means of achieving the stated purpose.
- j. *The Applicant has properly obtained any and all permits required by the federal, state, and county governments for the Regulated Activity and/or the Structure***
All Federal, State and County permits have been approved and are attached.

A Permit Application has been filed with the Department of Public Works for the proposed project. In conformance to the City's Application Guidelines, the following documents and information are included:

- i. *A statement of the purpose and planning objectives to be achieved by the proposed Regulated Activity***
The proposed revetment project will provide necessary maintenance to the base of the existing revetment that stretches across both 337 and 353 N. Deere Park Drive.
- ii. *A plat of survey of the Subject Property***
A Plat of Survey is attached.
- iii. *A conceptual plan showing the Subject Property and the Adjacent Properties, including any and all existing Structures in the portion of the Lake Michigan Protection Zone abutting those properties***
A Plan View is attached.
- iv. *Development and site plans showing the proposed Structure, if applicable***
Same as Conceptual Plan in Item iii.
- v. *A demolition plan, if applicable***
Demolition is noted on the attached Plan View.
- vi. *An elevation plan, which shall include sectional views of the proposed Structure, if applicable***
Cross-sectional drawings are attached.
- vii. *Copies of any and all permits required by the federal, state, and county governments for the Regulated Activity and/or the Structure***
Federal, State and County permit approvals are attached.

- viii. Engineering details of the proposed Structure and/or the Regulated Activity, which shall include, if applicable:**
- A. Structure height, length and width**

Not applicable. The proposed work is simply maintenance of an existing structure. The new toe stone will be placed on clay lakebed or existing cobble, whichever is higher. The new stone will extend approximately 6' east of the existing revetment. This will maintain stability of the newly placed stone and the existing structure.
 - B. The spacing between the proposed Structure and other Structures in the Lake Michigan Protection Zone abutting any of the Adjacent Properties**

This structure runs along the bluff toe; no spacing is applicable. The structure already exists.
 - C. The materials of which the proposed Structure will be composed**

The revetment maintenance stone will be quarried quartzite.
- ix. A geo-technical investigation report of the site**

As there will be no major earthmoving or grading of the bluff, in-depth geotechnical investigation is not required according to Joe Pasquesi, Engineer.
- x. A statement outlining structure success in various water levels**

The revetment is designed to function during varying lake levels. The toe of the structure will protect the property during low lake levels. The crest will provide the property during higher lake levels.
- xi. A statement describing the long-term maintenance requirements and plan for the proposed Structure**

The proposed revetment toe maintenance is simply maintenance to an existing structure. The stone that will be used will last thousands of years. After the maintenance work is complete, if and when the revetment begins to settle, it has been designed to remain functional. Periodic maintenance is recommended as necessary based on visual inspections. Typically, at the time of recommended maintenance, additional stone will be brought in and placed over the existing revetment to bring it back to the original specification.
- xii. A written description of the proposed means and methods of undertaking the Regulated Activity**

All materials and equipment will be delivered to and removed from the site via barge on Lake Michigan. The work will be completed using a backhoe and crane as needed.
- xiii. An explanation, in narrative form, of the following:**
- A. Any and all erosion problems on the Subject Property for which the Structure and/or Regulated Activity is designed to correct or remedy**

As stated previously, this is a maintenance project. However, this system is designed to protect the Subject Properties from future bluff erosion due to stormwave damage.
 - B. The environmental and ecological impact on the Property and the Adjacent Properties that are expected to result from the Structure and/or Regulated Activity**

The structure already exists. There will be no impacts resulting from the maintenance to the structure.
 - C. How the proposed Structure and/or Regulated Activity is the least environmentally and ecologically intrusive means of achieving the stated purpose**

No new structure is being built. However, a quarystone revetment is least intrusive to the environment. The natural character of the bluff is glacial clay till containing rocks.

As the bluff erodes, these rocks remain at the bluff toe. The revetment is an engineered free-form structure that moves with nature and doesn't trap water.

D. The nature and composition of existing protections, including existing Structures, of the shoreline in that portion of the Lake Michigan Protection Zone abutting either the Subject Property or the Adjacent Properties, and the impact and effectiveness of those protections on the shoreline, the lakebed, and on erosion of the Subject Property and Adjacent Properties

The existing form of shore protection at the Subject Properties is a deflated quarystone revetment that will be maintained.

xiv. A non-refundable application fee, in the amount set forth in the City's Annual Fee Resolution

The application fee is attached.

An appendix of attachments is included with this letter.

This information addresses the application requirements for submission. Please let us know if you require any further information.

Sincerely,



Jon Shabica
Vice President



Appendix



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206

April 9, 2012

Technical Services Division
Regulatory Branch
LRC-2011-00727

SUBJECT: Installation of New Revetment via barge in Lake Michigan Located at 337 and 353
N. Deere Park Drive East, Highland Park, Lake County, Illinois

Peter Karmin
337 N. Deere Park Drive E.
Highland Park, Illinois 60035

Peter Rose
353 N. Deere Park Drive E.
Highland Park, Illinois 60035

Dear Mr. Karmin and Mr. Rose:

The U.S. Army Corps of Engineers, Chicago District, has completed its review of your notification for authorization under the Regional Permit Program (RPP), submitted on your behalf by Shabica & Associates, Inc. This office has verified that your proposed activity complies with the terms and conditions of Regional Permit 11 and the overall RPP under Category I of the Regional Permit Program dated April 1, 2012. The activity may be performed without further authorization from this office provided the activity is conducted in compliance with the terms and conditions of the RPP.

This verification expires three (3) years from the date of this letter and covers only your activity as described in the plans titled KARMIN & ROSE REVETMENT TOE STONE MAINTENANCE dated 10/5/2011 as prepared by Shabica & Associates. Caution must be taken to prevent construction materials and activities from impacting waters of the United States beyond the scope of this authorization. If you anticipate changing the design or location of the activity, you should contact this office to determine the need for further authorization.

This authorization is contingent upon implementing and maintaining soil erosion and sediment controls in a serviceable condition throughout the duration of the project. You shall comply with the Lake County Stormwater Management Commission (LCSMC)'s written and verbal recommendations regarding the soil erosion and sediment control (SESC) plan and the installation and maintenance requirements of the SESC practices on-site. You shall notify this office and the SMC of any changes or modifications to the approved plan set. Please be aware that field conditions during project construction may require the implementation of additional SESC measures for further protection of aquatic resources. If you fail to implement corrective measures, this office may require more frequent site inspections to ensure the installed SESC

measures are acceptable.

You shall complete the following requirements:

1. You shall schedule a preconstruction meeting with LCSMC to discuss the SESC plan and the installation and maintenance requirements of the SESC practices on the site.
2. You shall notify the LCSMC of any changes or modifications to the approved plan set. Field conditions during project construction may require the implementation of additional SESC measures. If you fail to implement corrective measures, this office may require more frequent site inspections to ensure the installed SESC measures are acceptable.

In addition, the permittee understands and agrees that, if future operations by the United States require removal, relocation, or other alteration of the structure or work authorized herein, or if, in the opinion of the Secretary of the Army or his authorized representative said structure or work shall cause unreasonable obstruction to the free navigation of the navigable water, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

This verification does not obviate the need to obtain all other required Federal, state, or local approvals before starting work. Please note that Section 401 Water Quality Certification has been issued by IEPA for this RP. Enclosed are the IEPA Section 401 Water Quality Certification conditions. If you have any questions regarding Section 401 certification, please contact Mr. Dan Heacock at IEPA Division of Water Pollution Control, Permit Section #15, by telephone at (217) 782-3362.

For a complete copy of the RPP program or any additional information on the RPP program, please access our website: www.lrc.usace.army.mil/co-r. Once you have completed the authorized activity, please sign and return the enclosed compliance certification. If you have any questions, please contact Kate M. Bliss of my staff by telephone at 312-846-5542, or email at Kate.M.Bliss@usace.army.mil.

Sincerely,



Kathleen G. Chernich
Chief, East Section
Regulatory Branch



PERMIT NO. LM2012011
DATE: August 7, 2012

State of Illinois
Department of Natural Resources, Office of Water Resources
and
Illinois Environmental Protection Agency

Permission is hereby granted to: **Mr. Peter Karmin** **Mr. Peter Rose**
337 N. Deere Park Drive E 353 N. Deere Park Drive E
Highland Park, Illinois 60035 Highland Park, Illinois 60035

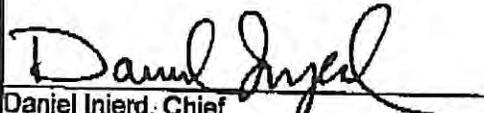
To construct a quarystone toe revetment in Lake Michigan at 337 and 353 N. Deere Park Drive E, Highland Park, Illinois 60036. The project is located in the Southwest Quarter of Section 31, Township 43 North, Range 13 East, of the 3rd Principal Meridian in Cook County.

In accordance with an application dated October 10, 2011, and the plans and specifications entitled:

REVTMENT TOE STONE MAINTENANCE, ONE SHEET, UNDATED, RECEIVED OCTOBER 17, 2011.

KARMIN & ROSE REVTMENT TOE STONE MAINTENANCE, DRAWING NUMBERS 1 AND 2, DATED OCTOBER 5, 2011, RECEIVED OCTOBER 17, 2011.

Examined and Recommended:


Daniel Injerd, Chief
Lake Michigan Management Section

Approval Recommended:


Arian R. Juhl, P.E., Director
Office of Water Resources

Approved:


Marc Miller, Director
Department of Natural Resources

This PERMIT is subject to the terms and special conditions contained herein and in the attached NOTICE OF FINAL DETERMINATION of the Illinois Environmental Protection Agency. This PERMIT is not valid unless a NOTICE OF FINAL DETERMINATION of the Illinois Environmental Protection Agency as required by Section 39(a) of the Environmental Protection Act is attached.

PERMIT NO. LM2012011**THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:**

- 1) This permit is granted in accordance with the Rivers, Lakes and Streams Act, "815 ILCS 5," and the Environmental Protection Act "415 ILCS 5/1."
- 2) This permit does not convey title to the permittee or recognize title of the permittee to any submerged or other lands, and furthermore, does not convey, lease or provide any right or rights of occupancy or use of the public or private property on which the activity or any part thereof will be located, or otherwise grant to the permittee any right or interest in or to the property, whether the property is owned or possessed by the State of Illinois or by any private or public party or parties.
- 3) This permit does not release the permittee from liability for damage to persons or property resulting from the work covered by this permit, and does not authorize any injury to private property or invasion of private rights.
- 4) This permit does not relieve the permittee of the responsibility to obtain other federal, state or local authorizations required for the construction of the permitted activity; and if the permittee is required by law to obtain approvals from any federal or other state agency to do the work, this permit is not effective until the federal and state approvals are obtained.
- 5) The permittee shall, at the permittee's own expense, remove all temporary piling, cofferdams, false work, and material incidental to the construction of the project from Lake Michigan. If the permittee fails to remove such structures or materials, the Department may have removal made at the expense of the permittee.
- 6) In public waters, if future need for public navigation or other public interest by the state or federal government necessitates changes in any part of the structure or structures, such changes shall be made by and at the expense of the permittee or the permittee's successors as required by the Department or other properly constituted agency, within sixty (60) days from receipt of written notice of the necessity from the Department or other agency, unless a longer period of time is specifically authorized.
- 7) The execution and details of the work authorized shall be subject to the review and approval of the Department and/or the Agency. Department and Agency personnel shall have the right of access to accomplish this purpose.
- 8) Starting work on the activity authorized will be considered full acceptance by the permittee of the terms and conditions of the permit.
- 9) The Department and Agency in issuing this permit have relied upon the statements and representations made by the permittee; if any substantive statement or representation made by the permittee is found to be false, this permit will be revoked and when revoked, all rights of the permittee under the permit are voided.
- 10) The permittee and the permittee's successors shall make no claim whatsoever to any interest in any accretions caused by the activity.
- 11) In issuing this permit, the Department and Agency do not ensure the adequacy of the design or structural strength of the structure or improvement.
- 12) Noncompliance with the conditions of this permit will be considered grounds for revocation.
- 13) If the construction activity here permitted is not completed on or before **December 31, 2015**, this permit shall cease and be null and void. When all work is constructed, the permittee shall notify the Department so that a final inspection can be completed.

THIS PERMIT IS SUBJECT TO THE FOLLOWING SPECIAL CONDITIONS:

- A. Special Conditions 1-4 of the Illinois Environmental Protection Agency's August 3, 2012 Final Determination Letter.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

PAT QUINN, GOVERNOR

JOHN J. KIM, INTERIM DIRECTOR

217/782-3362

AUG 03 2012

Illinois Department of Natural Resources
Lake Michigan Management Section
Michael A. Bilandic Building
160 N. LaSalle Street, Suite S-700
Chicago, IL 60601

Re: Mr. Peter Karmin and Mr. Peter Rose - Stone Toe Revetment on Lake Michigan
Permit # 2012-LM-0017
Log # LM 0017-2012

Gentlemen:

This Agency received a request on October 14, 2011 from Mr. Peter Karmin and Mr. Peter Rose requesting necessary comments concerning the construction on a stone toe revetment in Lake Michigan. We offer the following comments.

Based on the information included in this submittal, it is our engineering judgment that the proposed project may be completed without causing water pollution as defined in the Illinois Environmental Protection Act, provided the project is carefully planned and supervised.

These comments are directed at the effect on water quality of the construction procedures involved in the above described project and are not an approval of any discharge resulting from the completed facility, nor an approval of the design of the facility. These comments do not supplant any permit responsibilities of the applicant toward the Agency.

This Agency hereby issues final determination under Section 39 of the Illinois Environmental Protection Act, subject to the applicant's compliance with the following conditions:

1. The applicant shall not cause:
 - a. violation of applicable water quality standards of the Illinois Pollution Control Board, Title 35, Subtitle C: Water Pollution Rules and Regulations;
 - b. water pollution defined and prohibited by the Illinois Environmental Protection Act;
 - c. violation of applicable provisions of the Illinois Environmental Protection Act; or
 - d. interference with water use practices near public recreation areas or water supply intakes.
2. The applicant shall provide adequate planning and supervision during the project construction period for implementing construction methods, processes and cleanup procedures necessary to prevent water pollution and control erosion.

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7300
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)614-6026

PLEASE PRINT ON RECYCLED PAPER

Page No. 2
Log No. LM 0017-12

3. The applicant shall implement erosion control measures consistent with the "Illinois Urban Manual" (IEPA/USDA, NRCS; 2011).
4. This final determination is not a Section 401 water quality certification that may be required for your project in conjunction with a Section 404 permit issued by the U.S. Army Corps of Engineers.

This final determination becomes effective when the Illinois Department of Natural Resources, Office of Water Resources, includes the above conditions # 1 through # 4 as conditions of the requested permit issued pursuant to Section 39 of the Illinois Environmental Protection Act (415 ILCS 5/39) and Section 18 of the Rivers, Lakes, and Streams Act (615 ILCS 5/18).

This final determination does not grant immunity from any enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water pollution.

Sincerely,



Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:DLH:TJF:0017-12.docx

cc: IEPA, Records Unit
IEPA, DWPC, FOS, Des Plaines
CoE, Chicago District
USEPA, Region 5
Binds
Mr. Peter Karmin
Mr. Peter Rose
✓ Mr. John Shabica, Shabica & Associates

According to James Casey (Illinois Department of Natural Resources), this permit has been approved. He is waiting to receive the final signed copy of the permit from the IDNR Springfield Office and will forward it immediately. See email:

From: Casey, James [mailto:James.Casey@illinois.gov]
Sent: Tuesday, August 14, 2012 12:54 PM
To: Melissa Bach
Subject: RE: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

Nope

From: Melissa Bach [mailto:melissa@shabica.com]
Sent: Tuesday, August 14, 2012 12:51 PM
To: Casey, James
Subject: RE: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

Hi Jim,

No word yet from Springfield regarding the Karmin-Rose permit?

Thanks,
Melissa Bach
Office Manager

Shabica & Associates, Inc.

550 Frontage Road, Suite 3735

Northfield, IL 60093

Tel: 847-446-1436

Fax: 847-716-2007

melissa@shabica.com

www.shabica.com

From: Casey, James [mailto:James.Casey@illinois.gov]
Sent: Friday, August 10, 2012 10:11 AM
To: Melissa Bach
Subject: RE: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

The permit went down to Springfield this week, I won't get a signed copy back until hopefully next week. If I get it by Tuesday I will fax it to you.

Jim Casey

From: Melissa Bach [mailto:melissa@shabica.com]
Sent: Friday, August 10, 2012 9:57 AM
To: Casey, James
Cc: jon@shabica.com
Subject: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

Good Morning Jim,

You may have already received a copy of the IEPA's approval of the Karmin-Rose Revetment in Highland Park, but I have also attached it to this email as a PDF file. Do you have any ETA on when the IDNR will be able to issue its approval of this project?

All Highland Park projects need to be approved by the City's Community Development Department (as you may recall from the Frank Revetment). We need to submit the City's application by Tuesday in order to be reviewed at the September Board Meeting.

Is there any possibility that the IDNR might have its approval ready before Tuesday so that we can include the approval letter in the City's application?

Thanks so much Jim. We always appreciate your help!

Sincerely,
Melissa Bach
Office Manager

Shabica & Associates, Inc.

550 Frontage Road, Suite 3735

Northfield, IL 60093

Tel: 847-446-1436

Fax: 847-716-2007

melissa@shabica.com

www.shabica.com



**Illinois Historic
Preservation Agency**

1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

Lake County PLEASE REFER TO: IHPA LOG #001101411
Highland Park
337 & 353 North Deere Park Drive E.
Mobilization & Shore protection, Lake Michigan

October 18, 2011

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

Dear Mr. Shabica:

We have reviewed the documentation submitted for the referenced project(s) in accordance with 36 CFR Part 800.4. Based upon the information provided, no historic properties are affected. We, therefore, have no objection to the undertaking proceeding as planned.

Please retain this letter in your files as evidence of compliance with section 106 of the National Historic Preservation Act of 1966, as amended. This clearance remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Skeletal Remains Protection Act (20 ILCS 3440).

If you are an applicant, please submit a copy of this letter to the state or federal agency from which you obtain any permit, license, grant, or other assistance.

Sincerely,

Anne E. Haaker

Anne E. Haaker
Deputy State Historic
Preservation Officer



STORMWATER MANAGEMENT COMMISSION

WATERSHED DEVELOPMENT PERMIT HAS BEEN SECURED WD PERMIT NUMBER C11-16-082

Project: 353 & 337 N. Deere Park Drive Revetment

Address: 353 & 337 N. Deere Park Drive PIN No.: N/A
Highland Park, IL

Date Issued: 3/6/2012

Issued By: Brian Cook, CPESC, CFM, CWS
Sr. Civil Engineer

Kurt A. Woolford, PE, CFM, LEED AP
Chief Engineer

CONDITIONS:

- Prior notification of construction start to Tim Cook of the SMC, to enable SMC inspection, at (847) 377-7703 or tcook@lakecountyil.gov
- Installing and maintaining all soil erosion/sedimentation control measures as determined by the SMC Inspector. Specific SE/SC measures will be discussed and determined at the time of the preconstruction meeting, and will be required as directed by the SMC Inspector.

NOTICE

TO CONTRACTORS AND OWNERS

POST THIS CARD AT THE SITE, VISIBLE FROM THE STREET AND SO LOCATED AS TO PERMIT THE INSPECTOR TO RECORD THE INDICATED INSPECTIONS ON THE PLACARD. DO NOT POST IN THE INTERIOR OF A BUILDING.

INSPECTORS AND SHERIFF'S DEPUTIES ARE INSTRUCTED TO STOP ALL WORK WHERE THIS PERMIT CARD IS NOT DISPLAYED.

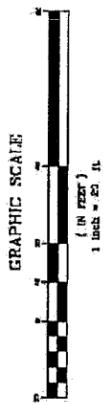
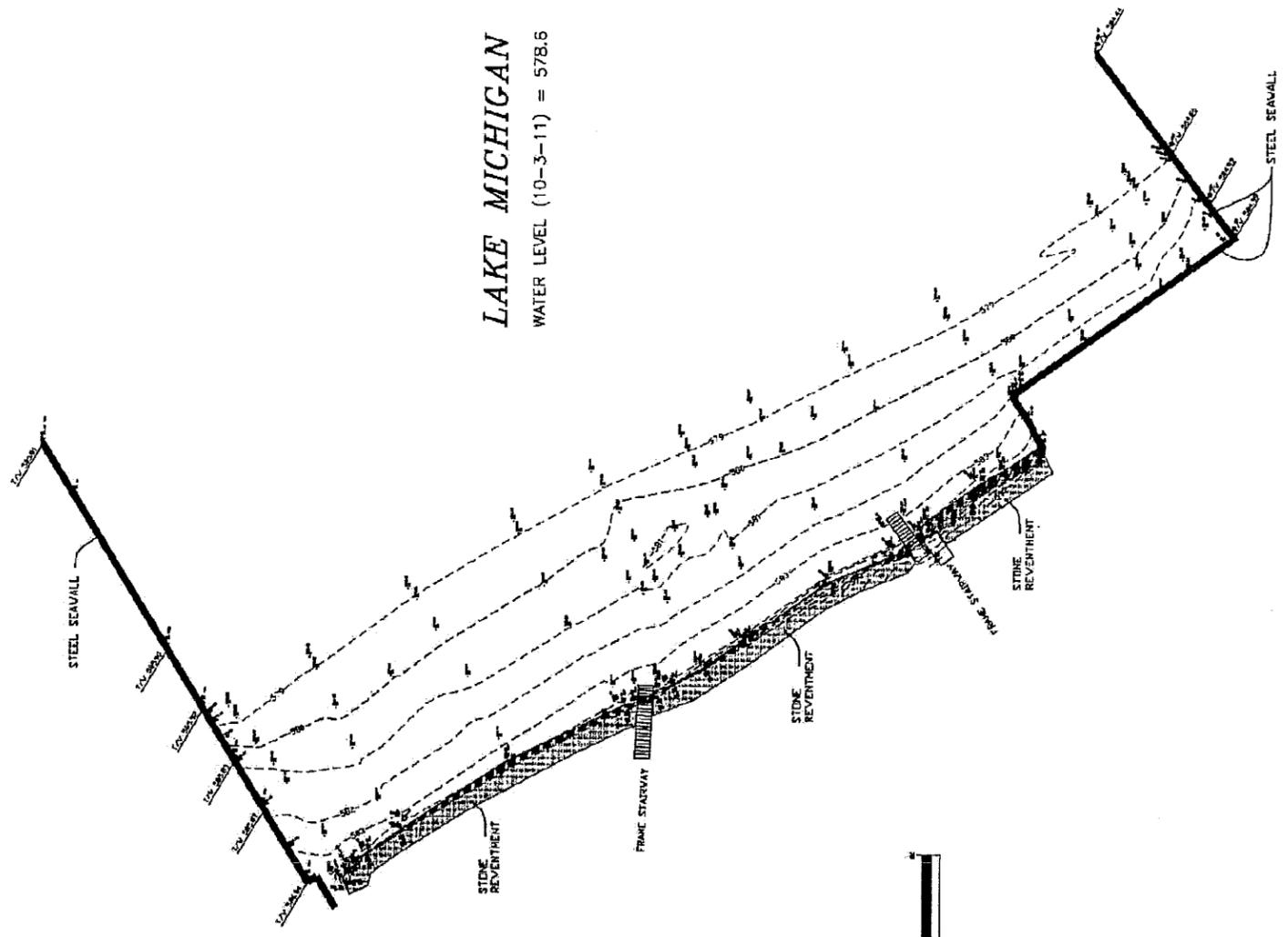
ALWAYS MENTION THE WATERSHED DEVELOPMENT PERMIT NUMBER WHEN REFERRING TO THIS PROJECT. IF THIS CARD BECOMES MISLAID OR LOST PLEASE CONTACT LAKE COUNTY STORMWATER MANAGEMENT COMMISSION FOR A REPLACEMENT.

Lake County Stormwater Management Commission (847) 377-7705

TOPOGRAPHIC SURVEY

337 DEERE PARK DRIVE EAST
HIGHLAND PARK, ILLINOIS
P.I.N. 17-31-302-176

353 DEERE PARK DRIVE EAST
HIGHLAND PARK, ILLINOIS
P.I.N. 17-31-302-175



STATE OF ILLINOIS
COUNTY OF LAKE
I, **DAVID J. SHABICA**, a duly Licensed Professional Land Surveyor, do hereby certify that I have surveyed the property described above and that the same survey was made in accordance with the laws of the State of Illinois and the rules and regulations of the Board of Professional Land Surveyors, State of Illinois, and that the same is a true and correct representation of the land surveyed.
Survey Number: 11/0059
Survey Date: 11/20/2012

SCALE: 1" = 20'
REVISED: 09/04/11 LAKES

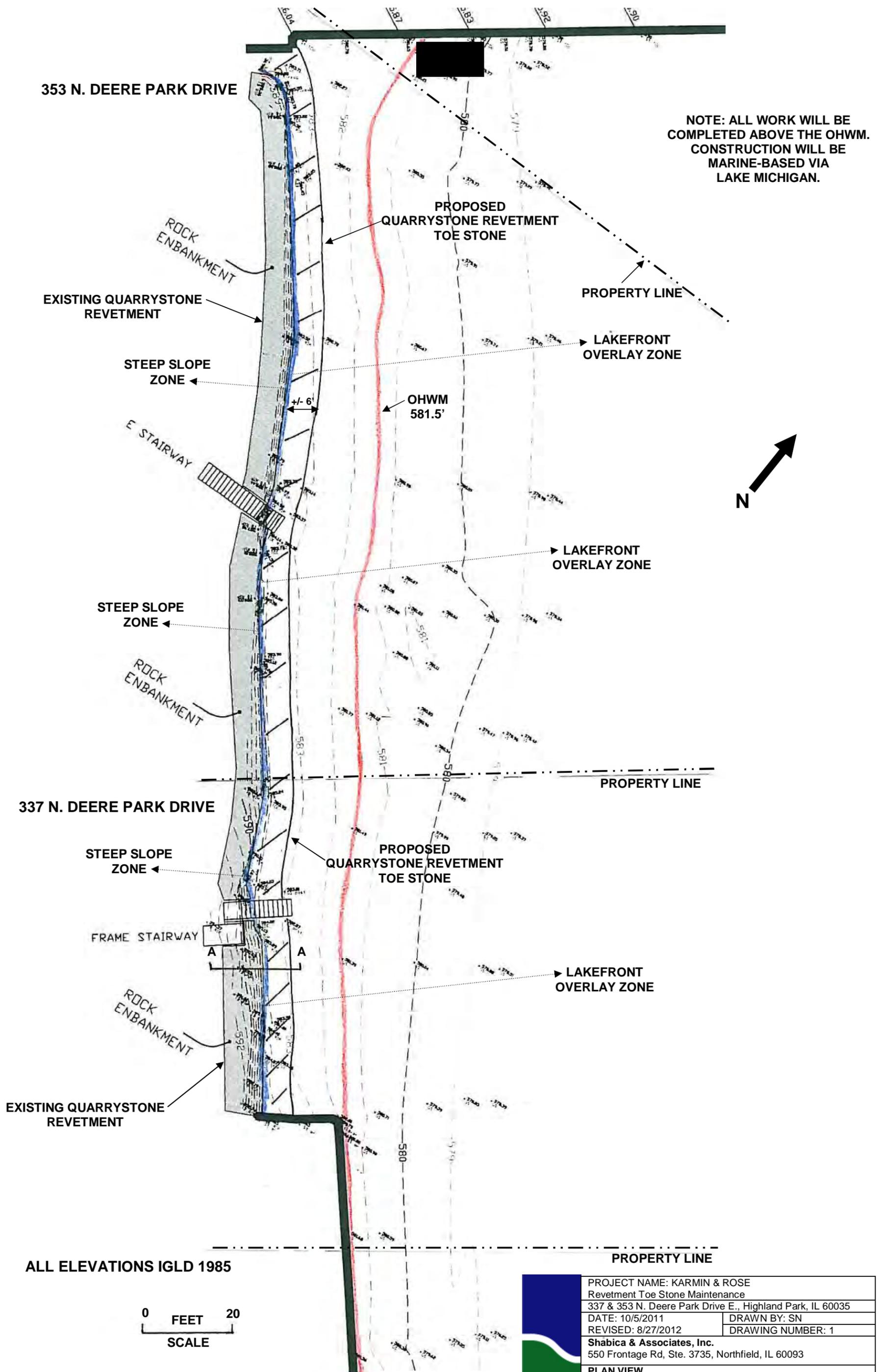
- 1. These sheets have been prepared with care and under the supervision of the undersigned.
- 2. The accuracy of the survey is guaranteed by the undersigned.
- 3. The undersigned is not responsible for any errors or omissions in the survey.
- 4. The undersigned is not responsible for any errors or omissions in the survey.
- 5. The undersigned is not responsible for any errors or omissions in the survey.

SITE BENCHMARK WAS ESTABLISHED USING GPS EQUIPMENT TIED TO TRIMBLE VRS NOW NETWORK. ELEVATIONS WERE COLLECTED IN NAVD83 DATUM.

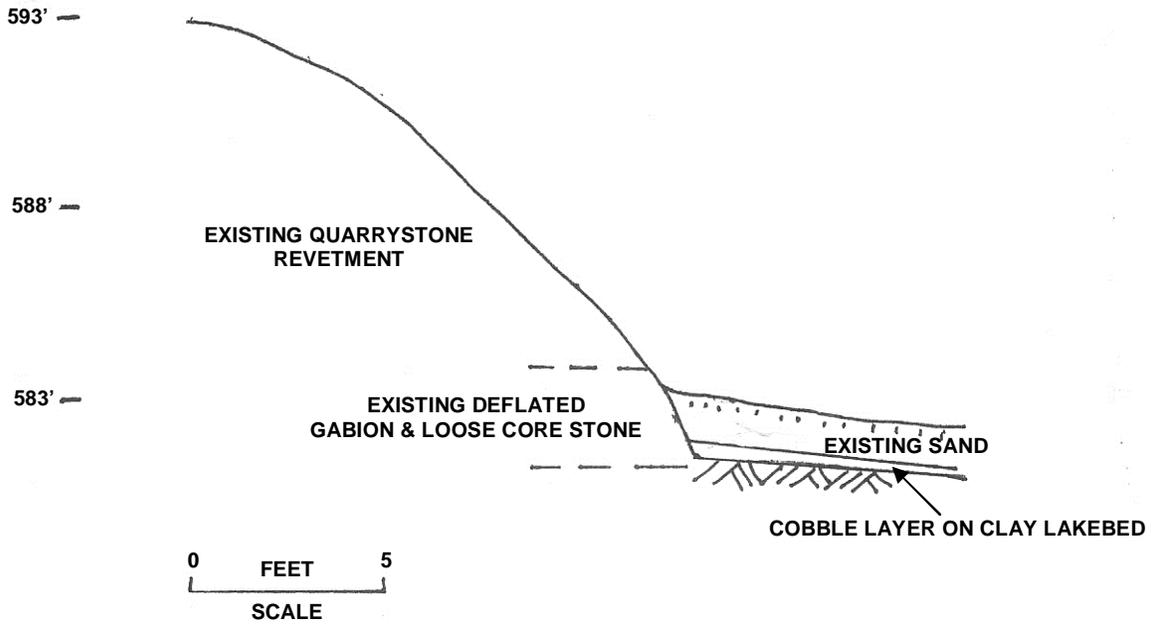
**TERRA TECHNOLOGY
LAND SURVEYING, INC.**
24198 ROSE AVE. LAKE ZURICH, ILLINOIS 60047
PH:(847) 540-8606 F-MAIL:TTLS.TERRATECH@AOL.NET

JOB NO. : 11-0059 SURVEY DATE : 10/3/11
DRAWING FILE : DATA/11/0059/SITE.DWG

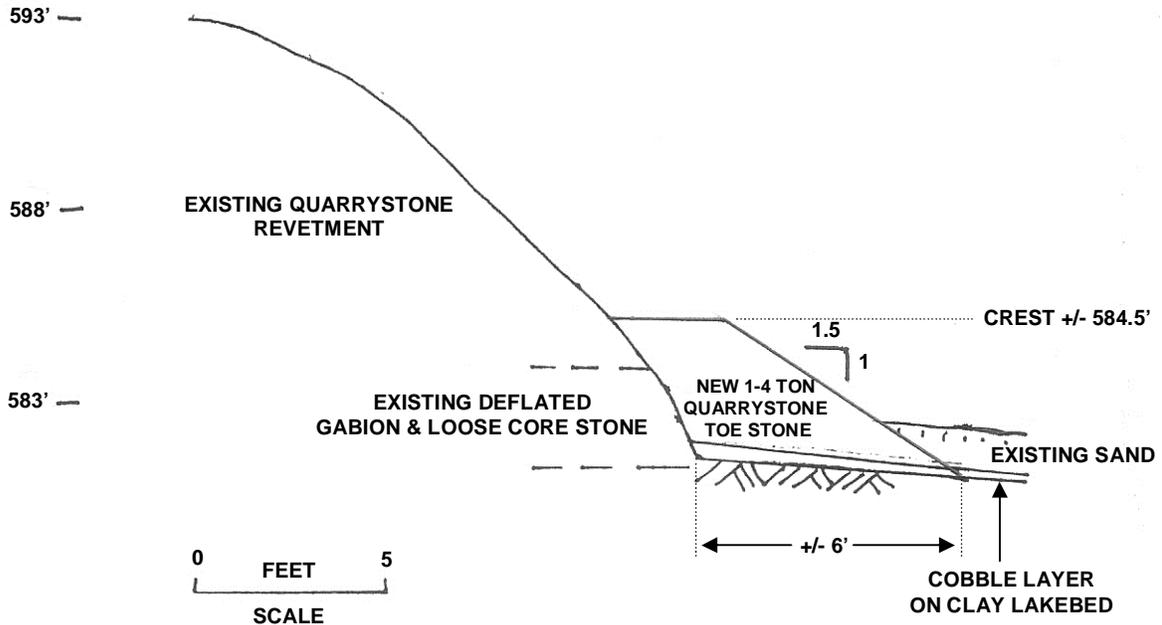
**PLAN VIEW –
REVETMENT TOE STONE MAINTENANCE**



**CROSS SECTION A-A – TYPICAL
EXISTING REVETMENT**



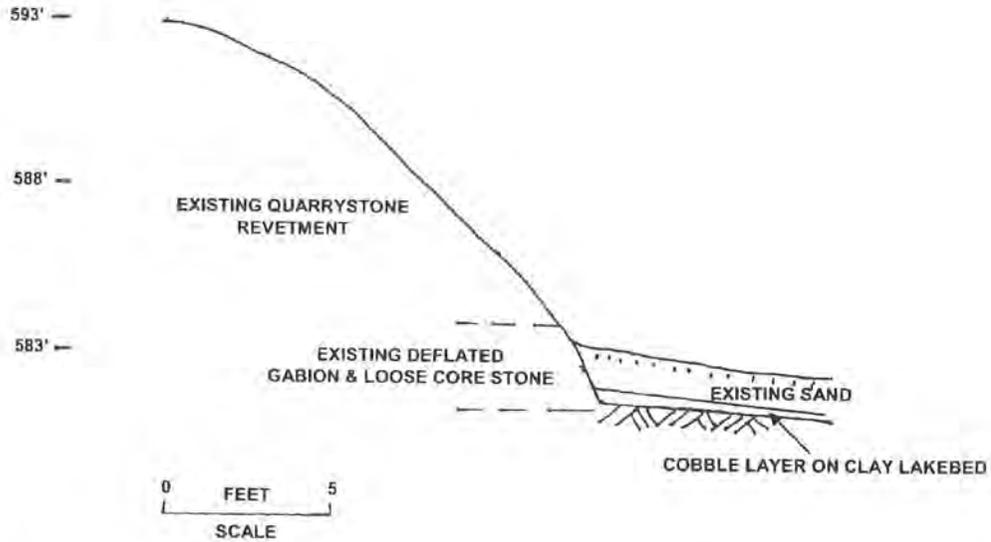
**CROSS SECTION A-A – TYPICAL
PROPOSED REVETMENT TOE STONE MAINTENANCE**



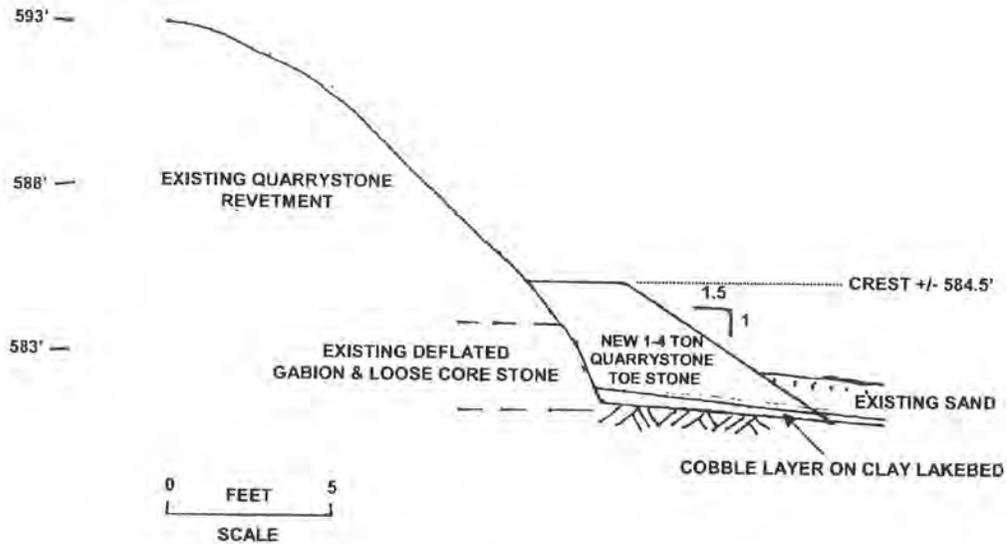
ALL ELEVATIONS IGLD 1985

	PROJECT NAME: KARMIN & ROSE	
	Revetment Toe Stone Maintenance	
	337 & 353 N. Deere Park Drive E., Highland Park, IL 60035	
	DATE: 10/5/2011	DRAWN BY: SN
REVISED: 8/27/2012	DRAWING NUMBER: 2	
Shabica & Associates, Inc. 550 Frontage Rd, Ste. 3735, Northfield, IL 60093		
CROSS SECTION A-A TYPICAL		

**CROSS SECTION A-A – TYPICAL
EXISTING REVETMENT**



**CROSS SECTION A-A – TYPICAL
PROPOSED REVETMENT TOE STONE MAINTENANCE**



ALL ELEVATIONS IGLD 1985

PROJECT NAME: KARMIN & ROSE Revetment Toe Stone Maintenance	
337 & 353 N. Deere Park Drive E., Highland Park, IL 60035	
DATE: 10/5/2011	DRAWN BY: SN
REVISED:	DRAWING NUMBER: 2
Shabica & Associates, Inc. 550 Frontage Rd, Ste. 3735, Northfield, IL 60093	
CROSS SECTION A-A TYPICAL	



**353 N. Deere Park Drive E.
Highland Park**

**Submittal to
Community Development Department
August 14, 2012**

Prepared By:

**Shabica & Associates, Inc.
Sustainable Coastal Solutions
550 Frontage Road, Suite 3735
Northfield, Illinois 60093
Tel. 847-446-1436
Fax 847-716-2007**



Shabica & Associates, Inc.
Sustainable Coastal Solutions

Barbara Cates
City of Highland Park
Community Development Department
1150 Half Day Road
Highland Park, Illinois 60035

Dear Ms. Cates:

August 14, 2012

Mr. Peter Rose would like to submit this application regarding the proposed revetment toe maintenance at his property located at 353 N. Deere Park Drive E. The revetment was originally built in 1985 when this property and the adjacent property to the south (337 N. Deere Park Drive E., owned by Peter & Linda Karmin) were one (the property was subdivided in years since). As the revetment is continuous across both properties, the project is being completed jointly. Additionally, the project was approved by Federal, State and County agencies as a joint project.

Per the guidelines of the City of Highland Park, these two projects are being submitted individually to the City. All Federal, State and County permits have been approved for the proposed work (attached in Appendix).

The City's Standards for Review, as outlined in the "Lake Michigan Protection Regulations" from Section 150.703.1 *Special Regulations for the LFOZ Lakefront Density and Character Overlay Zone*, are outlined below with our responses following:

a. *The proposed Regulated Activity and/or Structure shall not unreasonably impede access to or pedestrian movement along the beach or to Lake Michigan.*

This project will not impede pedestrian access or movement along the beach or to Lake Michigan.

b. *The proposed Regulated Activity and/or Structure shall not unnecessarily impede navigability within Lake Michigan*

The project will not have any impact on navigability of Lake Michigan.

c. *The proposed Regulated Activity and/or Structure shall not unreasonably impact the Subject Property or the Adjacent Properties*

The project will not unreasonably impact any coastal properties.

d. *The Applicant has proposed appropriate long-term maintenance requirements and plans, as necessary, for the proposed Regulated Activity and/or Structure*

The project is maintenance and part of a long-term maintenance plan.

- e. The proposed means and methods of undertaking the Regulated Activity and/or Structure are consistent with appropriate design and aesthetics principles**
The means and methods of construction will not impact design and aesthetics; all work will be completed via marine mobilization.
- f. The proposed Regulated Activity and/or Structure shall not create new nor amplify existing erosion problems on the Subject Property and on Adjacent Properties**
The project will prevent future bluff erosion on the subject properties, and will not affect adjacent properties.
- g. The proposed Regulated Activity and/or Structure shall be for the purposes of erosion control, water gathering, and/or public access only**
The proposed revetment will prevent future bluff erosion on the subject properties.
- h. There will not be an unnecessary adverse environmental or ecological impact on the Subject Property or on any of the Adjacent Properties as a result of the proposed Structure and/or the Regulated Activity**
The proposed structure will not cause unnecessary adverse environmental or ecological impact as it is a replacement of an existing revetment toe at the back of a sandy beach.
- i. The proposed Structure and/or Regulated Activity is the least environmentally and ecologically intrusive means of achieving the stated purpose of the Structure**
The proposed structure is a viable, environmentally-correct means of achieving the stated purpose.
- j. The Applicant has properly obtained any and all permits required by the federal, state, and county governments for the Regulated Activity and/or the Structure**
All Federal, State and County permits have been approved and are attached.

A Permit Application has been filed with the Department of Public Works for the proposed project. In conformance to the City's Application Guidelines, the following documents and information are included:

- i. A statement of the purpose and planning objectives to be achieved by the proposed Regulated Activity**
The proposed revetment project will provide necessary maintenance to the base of the existing revetment that stretches across both 337 and 353 N. Deere Park Drive.
- ii. A plat of survey of the Subject Property**
A Plat of Survey is attached.
- iii. A conceptual plan showing the Subject Property and the Adjacent Properties, including any and all existing Structures in the portion of the Lake Michigan Protection Zone abutting those properties**
A Plan View is attached.
- iv. Development and site plans showing the proposed Structure, if applicable**
Same as Conceptual Plan in Item iii.
- v. A demolition plan, if applicable**
Demolition is noted on the attached Plan View.
- vi. An elevation plan, which shall include sectional views of the proposed Structure, if applicable**
Cross-sectional drawings are attached.
- vii. Copies of any and all permits required by the federal, state, and county governments for the Regulated Activity and/or the Structure**
Federal, State and County permit approvals are attached.

viii. Engineering details of the proposed Structure and/or the Regulated Activity, which shall include, if applicable:

A. Structure height, length and width

Not applicable. The proposed work is simply maintenance of an existing structure. The new toe stone will be placed on clay lakebed or existing cobble, whichever is higher. The new stone will extend approximately 6' east of the existing revetment. This will maintain stability of the newly placed stone and the existing structure.

B. The spacing between the proposed Structure and other Structures in the Lake Michigan Protection Zone abutting any of the Adjacent Properties

This structure runs along the bluff toe; no spacing is applicable. The structure already exists.

C. The materials of which the proposed Structure will be composed

The revetment maintenance stone will be quarried quartzite.

ix. A geo-technical investigation report of the site

As there will be no major earthmoving or grading of the bluff, in-depth geotechnical investigation is not required according to Joe Pasquesi, Engineer.

x. A statement outlining structure success in various water levels

The revetment is designed to function during varying lake levels. The toe of the structure will protect the property during low lake levels. The crest will provide the property during higher lake levels.

xi. A statement describing the long-term maintenance requirements and plan for the proposed Structure

The proposed revetment toe maintenance is simply maintenance to an existing structure. The stone that will be used will last thousands of years. After the maintenance work is complete, if and when the revetment begins to settle, it has been designed to remain functional. Periodic maintenance is recommended as necessary based on visual inspections. Typically, at the time of recommended maintenance, additional stone will be brought in and placed over the existing revetment to bring it back to the original specification.

xii. A written description of the proposed means and methods of undertaking the Regulated Activity

All materials and equipment will be delivered to and removed from the site via barge on Lake Michigan. The work will be completed using a backhoe and crane as needed.

xiii. An explanation, in narrative form, of the following:

A. Any and all erosion problems on the Subject Property for which the Structure and/or Regulated Activity is designed to correct or remedy

As stated previously, this is a maintenance project. However, this system is designed to protect the Subject Properties from future bluff erosion due to stormwave damage.

B. The environmental and ecological impact on the Property and the Adjacent Properties that are expected to result from the Structure and/or Regulated Activity

The structure already exists. There will be no impacts resulting from the maintenance to the structure.

C. How the proposed Structure and/or Regulated Activity is the least environmentally and ecologically intrusive means of achieving the stated purpose

No new structure is being built. However, a quarystone revetment is least intrusive to the environment. The natural character of the bluff is glacial clay till containing rocks.

As the bluff erodes, these rocks remain at the bluff toe. The revetment is an engineered free-form structure that moves with nature and doesn't trap water.

D. The nature and composition of existing protections, including existing Structures, of the shoreline in that portion of the Lake Michigan Protection Zone abutting either the Subject Property or the Adjacent Properties, and the impact and effectiveness of those protections on the shoreline, the lakebed, and on erosion of the Subject Property and Adjacent Properties

The existing form of shore protection at the Subject Properties is a deflated quarystone revetment that will be maintained.

xiv. A non-refundable application fee, in the amount set forth in the City's Annual Fee Resolution

The application fee is attached.

An appendix of attachments is included with this letter.

This information addresses the application requirements for submission. Please let us know if you require any further information.

Sincerely,



Jon Shabica
Vice President



Appendix



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206

April 9, 2012

Technical Services Division
Regulatory Branch
LRC-2011-00727

SUBJECT: Installation of New Revetment via barge in Lake Michigan Located at 337 and 353
N. Deere Park Drive East, Highland Park, Lake County, Illinois

Peter Karmin
337 N. Deere Park Drive E.
Highland Park, Illinois 60035

Peter Rose
353 N. Deere Park Drive E.
Highland Park, Illinois 60035

Dear Mr. Karmin and Mr. Rose:

The U.S. Army Corps of Engineers, Chicago District, has completed its review of your notification for authorization under the Regional Permit Program (RPP), submitted on your behalf by Shabica & Associates, Inc. This office has verified that your proposed activity complies with the terms and conditions of Regional Permit 11 and the overall RPP under Category I of the Regional Permit Program dated April 1, 2012. The activity may be performed without further authorization from this office provided the activity is conducted in compliance with the terms and conditions of the RPP.

This verification expires three (3) years from the date of this letter and covers only your activity as described in the plans titled KARMIN & ROSE REVETMENT TOE STONE MAINTENANCE dated 10/5/2011 as prepared by Shabica & Associates. Caution must be taken to prevent construction materials and activities from impacting waters of the United States beyond the scope of this authorization. If you anticipate changing the design or location of the activity, you should contact this office to determine the need for further authorization.

This authorization is contingent upon implementing and maintaining soil erosion and sediment controls in a serviceable condition throughout the duration of the project. You shall comply with the Lake County Stormwater Management Commission (LCSMC)'s written and verbal recommendations regarding the soil erosion and sediment control (SESC) plan and the installation and maintenance requirements of the SESC practices on-site. You shall notify this office and the SMC of any changes or modifications to the approved plan set. Please be aware that field conditions during project construction may require the implementation of additional SESC measures for further protection of aquatic resources. If you fail to implement corrective measures, this office may require more frequent site inspections to ensure the installed SESC

measures are acceptable.

You shall complete the following requirements:

1. You shall schedule a preconstruction meeting with LCSMC to discuss the SESC plan and the installation and maintenance requirements of the SESC practices on the site.
2. You shall notify the LCSMC of any changes or modifications to the approved plan set. Field conditions during project construction may require the implementation of additional SESC measures. If you fail to implement corrective measures, this office may require more frequent site inspections to ensure the installed SESC measures are acceptable.

In addition, the permittee understands and agrees that, if future operations by the United States require removal, relocation, or other alteration of the structure or work authorized herein, or if, in the opinion of the Secretary of the Army or his authorized representative said structure or work shall cause unreasonable obstruction to the free navigation of the navigable water, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

This verification does not obviate the need to obtain all other required Federal, state, or local approvals before starting work. Please note that Section 401 Water Quality Certification has been issued by IEPA for this RP. Enclosed are the IEPA Section 401 Water Quality Certification conditions. If you have any questions regarding Section 401 certification, please contact Mr. Dan Heacock at IEPA Division of Water Pollution Control, Permit Section #15, by telephone at (217) 782-3362.

For a complete copy of the RPP program or any additional information on the RPP program, please access our website: www.lrc.usace.army.mil/co-r. Once you have completed the authorized activity, please sign and return the enclosed compliance certification. If you have any questions, please contact Kate M. Bliss of my staff by telephone at 312-846-5542, or email at Kate.M.Bliss@usace.army.mil.

Sincerely,



Kathleen G. Chernich
Chief, East Section
Regulatory Branch



PERMIT NO. LM2012011
DATE: August 7, 2012

State of Illinois
Department of Natural Resources, Office of Water Resources
and
Illinois Environmental Protection Agency

Permission is hereby granted to: **Mr. Peter Karmin** **Mr. Peter Rose**
337 N. Deere Park Drive E 353 N. Deere Park Drive E
Highland Park, Illinois 60035 Highland Park, Illinois 60035

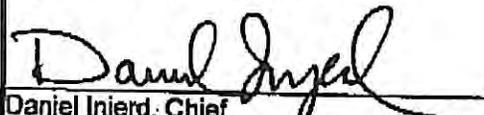
To construct a quarystone toe revetment in Lake Michigan at 337 and 353 N. Deere Park Drive E, Highland Park, Illinois 60036. The project is located in the Southwest Quarter of Section 31, Township 43 North, Range 13 East, of the 3rd Principal Meridian in Cook County.

In accordance with an application dated October 10, 2011, and the plans and specifications entitled:

REVTMENT TOE STONE MAINTENANCE, ONE SHEET, UNDATED, RECEIVED OCTOBER 17, 2011.

KARMIN & ROSE REVTMENT TOE STONE MAINTENANCE, DRAWING NUMBERS 1 AND 2, DATED OCTOBER 5, 2011, RECEIVED OCTOBER 17, 2011.

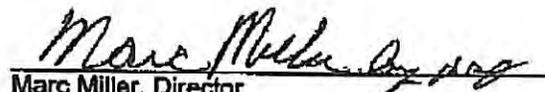
Examined and Recommended:


Daniel Injerd, Chief
Lake Michigan Management Section

Approval Recommended:


Arian R. Juhl, P.E., Director
Office of Water Resources

Approved:


Marc Miller, Director
Department of Natural Resources

This PERMIT is subject to the terms and special conditions contained herein and in the attached NOTICE OF FINAL DETERMINATION of the Illinois Environmental Protection Agency. This PERMIT is not valid unless a NOTICE OF FINAL DETERMINATION of the Illinois Environmental Protection Agency as required by Section 39(a) of the Environmental Protection Act is attached.

PERMIT NO. LM2012011**THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:**

- 1) This permit is granted in accordance with the Rivers, Lakes and Streams Act, "815 ILCS 5," and the Environmental Protection Act "415 ILCS 5/1."
- 2) This permit does not convey title to the permittee or recognize title of the permittee to any submerged or other lands, and furthermore, does not convey, lease or provide any right or rights of occupancy or use of the public or private property on which the activity or any part thereof will be located, or otherwise grant to the permittee any right or interest in or to the property, whether the property is owned or possessed by the State of Illinois or by any private or public party or parties.
- 3) This permit does not release the permittee from liability for damage to persons or property resulting from the work covered by this permit, and does not authorize any injury to private property or invasion of private rights.
- 4) This permit does not relieve the permittee of the responsibility to obtain other federal, state or local authorizations required for the construction of the permitted activity; and if the permittee is required by law to obtain approvals from any federal or other state agency to do the work, this permit is not effective until the federal and state approvals are obtained.
- 5) The permittee shall, at the permittee's own expense, remove all temporary piling, cofferdams, false work, and material incidental to the construction of the project from Lake Michigan. If the permittee fails to remove such structures or materials, the Department may have removal made at the expense of the permittee.
- 6) In public waters, if future need for public navigation or other public interest by the state or federal government necessitates changes in any part of the structure or structures, such changes shall be made by and at the expense of the permittee or the permittee's successors as required by the Department or other properly constituted agency, within sixty (60) days from receipt of written notice of the necessity from the Department or other agency, unless a longer period of time is specifically authorized.
- 7) The execution and details of the work authorized shall be subject to the review and approval of the Department and/or the Agency. Department and Agency personnel shall have the right of access to accomplish this purpose.
- 8) Starting work on the activity authorized will be considered full acceptance by the permittee of the terms and conditions of the permit.
- 9) The Department and Agency in issuing this permit have relied upon the statements and representations made by the permittee; if any substantive statement or representation made by the permittee is found to be false, this permit will be revoked and when revoked, all rights of the permittee under the permit are voided.
- 10) The permittee and the permittee's successors shall make no claim whatsoever to any interest in any accretions caused by the activity.
- 11) In issuing this permit, the Department and Agency do not ensure the adequacy of the design or structural strength of the structure or improvement.
- 12) Noncompliance with the conditions of this permit will be considered grounds for revocation.
- 13) If the construction activity here permitted is not completed on or before **December 31, 2015**, this permit shall cease and be null and void. When all work is constructed, the permittee shall notify the Department so that a final inspection can be completed.

THIS PERMIT IS SUBJECT TO THE FOLLOWING SPECIAL CONDITIONS:

- A. Special Conditions 1-4 of the Illinois Environmental Protection Agency's August 3, 2012 Final Determination Letter.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

PAT QUINN, GOVERNOR

JOHN J. KIM, INTERIM DIRECTOR

217/782-3362

AUG 03 2012

Illinois Department of Natural Resources
Lake Michigan Management Section
Michael A. Bilandic Building
160 N. LaSalle Street, Suite S-700
Chicago, IL 60601

Re: Mr. Peter Karmin and Mr. Peter Rose – Stone Toe Revetment on Lake Michigan
Permit # 2012-LM-0017
Log # LM 0017-2012

Gentlemen:

This Agency received a request on October 14, 2011 from Mr. Peter Karmin and Mr. Peter Rose requesting necessary comments concerning the construction on a stone toe revetment in Lake Michigan. We offer the following comments.

Based on the information included in this submittal, it is our engineering judgment that the proposed project may be completed without causing water pollution as defined in the Illinois Environmental Protection Act, provided the project is carefully planned and supervised.

These comments are directed at the effect on water quality of the construction procedures involved in the above described project and are not an approval of any discharge resulting from the completed facility, nor an approval of the design of the facility. These comments do not supplant any permit responsibilities of the applicant toward the Agency.

This Agency hereby issues final determination under Section 39 of the Illinois Environmental Protection Act, subject to the applicant's compliance with the following conditions:

1. The applicant shall not cause:
 - a. violation of applicable water quality standards of the Illinois Pollution Control Board, Title 35, Subtitle C: Water Pollution Rules and Regulations;
 - b. water pollution defined and prohibited by the Illinois Environmental Protection Act;
 - c. violation of applicable provisions of the Illinois Environmental Protection Act; or
 - d. interference with water use practices near public recreation areas or water supply intakes.
2. The applicant shall provide adequate planning and supervision during the project construction period for implementing construction methods, processes and cleanup procedures necessary to prevent water pollution and control erosion.

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

PLEASE PRINT ON RECYCLED PAPER

Page No. 2
Log No. LM 0017-12

3. The applicant shall implement erosion control measures consistent with the "Illinois Urban Manual" (IEPA/USDA, NRCS; 2011).
4. This final determination is not a Section 401 water quality certification that may be required for your project in conjunction with a Section 404 permit issued by the U.S. Army Corps of Engineers.

This final determination becomes effective when the Illinois Department of Natural Resources, Office of Water Resources, includes the above conditions # 1 through # 4 as conditions of the requested permit issued pursuant to Section 39 of the Illinois Environmental Protection Act (415 ILCS 5/39) and Section 18 of the Rivers, Lakes, and Streams Act (615 ILCS 5/18).

This final determination does not grant immunity from any enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water pollution.

Sincerely,



Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:DLH:TJF:0017-12.docx

- cc: IEPA, Records Unit
IEPA, DWPC, FOS, Des Plaines
CoE, Chicago District
USEPA, Region 5
Binds
Mr. Peter Karmin
Mr. Peter Rose
✓ Mr. John Shabica, Shabica & Associates

According to James Casey (Illinois Department of Natural Resources), this permit has been approved. He is waiting to receive the final signed copy of the permit from the IDNR Springfield Office and will forward it immediately. See email:

From: Casey, James [mailto:James.Casey@illinois.gov]
Sent: Tuesday, August 14, 2012 12:54 PM
To: Melissa Bach
Subject: RE: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

Nope

From: Melissa Bach [mailto:melissa@shabica.com]
Sent: Tuesday, August 14, 2012 12:51 PM
To: Casey, James
Subject: RE: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

Hi Jim,

No word yet from Springfield regarding the Karmin-Rose permit?

Thanks,
Melissa Bach
Office Manager

Shabica & Associates, Inc.

550 Frontage Road, Suite 3735

Northfield, IL 60093

Tel: 847-446-1436

Fax: 847-716-2007

melissa@shabica.com

www.shabica.com

From: Casey, James [mailto:James.Casey@illinois.gov]
Sent: Friday, August 10, 2012 10:11 AM
To: Melissa Bach
Subject: RE: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

The permit went down to Springfield this week, I won't get a signed copy back until hopefully next week. If I get it by Tuesday I will fax it to you.

Jim Casey

From: Melissa Bach [mailto:melissa@shabica.com]
Sent: Friday, August 10, 2012 9:57 AM
To: Casey, James
Cc: jon@shabica.com
Subject: Karmin-Rose Project: 337 & 353 N Deere Park Drive E, Highland Park

Good Morning Jim,

You may have already received a copy of the IEPA's approval of the Karmin-Rose Revetment in Highland Park, but I have also attached it to this email as a PDF file. Do you have any ETA on when the IDNR will be able to issue its approval of this project?

All Highland Park projects need to be approved by the City's Community Development Department (as you may recall from the Frank Revetment). We need to submit the City's application by Tuesday in order to be reviewed at the September Board Meeting.

Is there any possibility that the IDNR might have its approval ready before Tuesday so that we can include the approval letter in the City's application?

Thanks so much Jim. We always appreciate your help!

Sincerely,
Melissa Bach
Office Manager

Shabica & Associates, Inc.

550 Frontage Road, Suite 3735

Northfield, IL 60093

Tel: 847-446-1436

Fax: 847-716-2007

melissa@shabica.com

www.shabica.com



1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

Lake County
Highland Park

PLEASE REFER TO: IHPA LOG #001101411

337 & 353 North Deere Park Drive E.
Mobilization & Shore protection, Lake Michigan

October 18, 2011

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

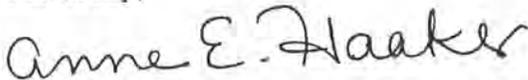
Dear Mr. Shabica:

We have reviewed the documentation submitted for the referenced project(s) in accordance with 36 CFR Part 800.4. Based upon the information provided, no historic properties are affected. We, therefore, have no objection to the undertaking proceeding as planned.

Please retain this letter in your files as evidence of compliance with section 106 of the National Historic Preservation Act of 1966, as amended. This clearance remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Skeletal Remains Protection Act (20 ILCS 3440).

If you are an applicant, please submit a copy of this letter to the state or federal agency from which you obtain any permit, license, grant, or other assistance.

Sincerely,



Anne E. Haaker
Deputy State Historic
Preservation Officer



STORMWATER MANAGEMENT COMMISSION

WATERSHED DEVELOPMENT PERMIT HAS BEEN SECURED WD PERMIT NUMBER C11-16-082

Project: 353 & 337 N. Deere Park Drive Revetment

Address: 353 & 337 N. Deere Park Drive PIN No.: N/A
Highland Park, IL

Date Issued: 3/6/2012

Issued By: Brian Cook, CPESC, CFM, CWS
Sr. Civil Engineer

Kurt A. Woolford, PE, CFM, LEED AP
Chief Engineer

CONDITIONS:

- Prior notification of construction start to Tim Cook of the SMC, to enable SMC inspection, at (847) 377-7703 or tcook@lakecounty.il.gov
- Installing and maintaining all soil erosion/sedimentation control measures as determined by the SMC Inspector. Specific SE/SC measures will be discussed and determined at the time of the preconstruction meeting, and will be required as directed by the SMC Inspector.

NOTICE

TO CONTRACTORS AND OWNERS

POST THIS CARD AT THE SITE, VISIBLE FROM THE STREET AND SO LOCATED AS TO PERMIT THE INSPECTOR TO RECORD THE INDICATED INSPECTIONS ON THE PLACARD. DO NOT POST IN THE INTERIOR OF A BUILDING.

INSPECTORS AND SHERIFF'S DEPUTIES ARE INSTRUCTED TO STOP ALL WORK WHERE THIS PERMIT CARD IS NOT DISPLAYED.

ALWAYS MENTION THE WATERSHED DEVELOPMENT PERMIT NUMBER WHEN REFERRING TO THIS PROJECT. IF THIS CARD BECOMES MISLAID OR LOST PLEASE CONTACT LAKE COUNTY STORMWATER MANAGEMENT COMMISSION FOR A REPLACEMENT.

Lake County Stormwater Management Commission (847) 377-7705

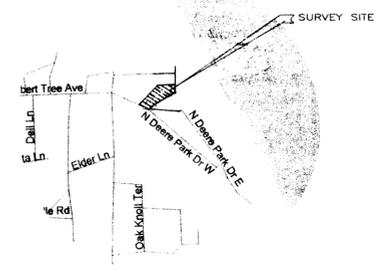
PROFESSIONALS ASSOCIATED SURVEY, INC.
PROFESSIONAL DESIGN FIRM REGISTRATION NO. 001129145

PROPERTY - ALTA - TOPO - CONDO - MORTGAGE SURVEY
7100 N. TRIPP AVE., LINCOLNWOOD, ILLINOIS 60712
TEL.: (847) 675-3000, FAX: (847) 675-2167

ALTA/ACSM LAND TITLE SURVEY



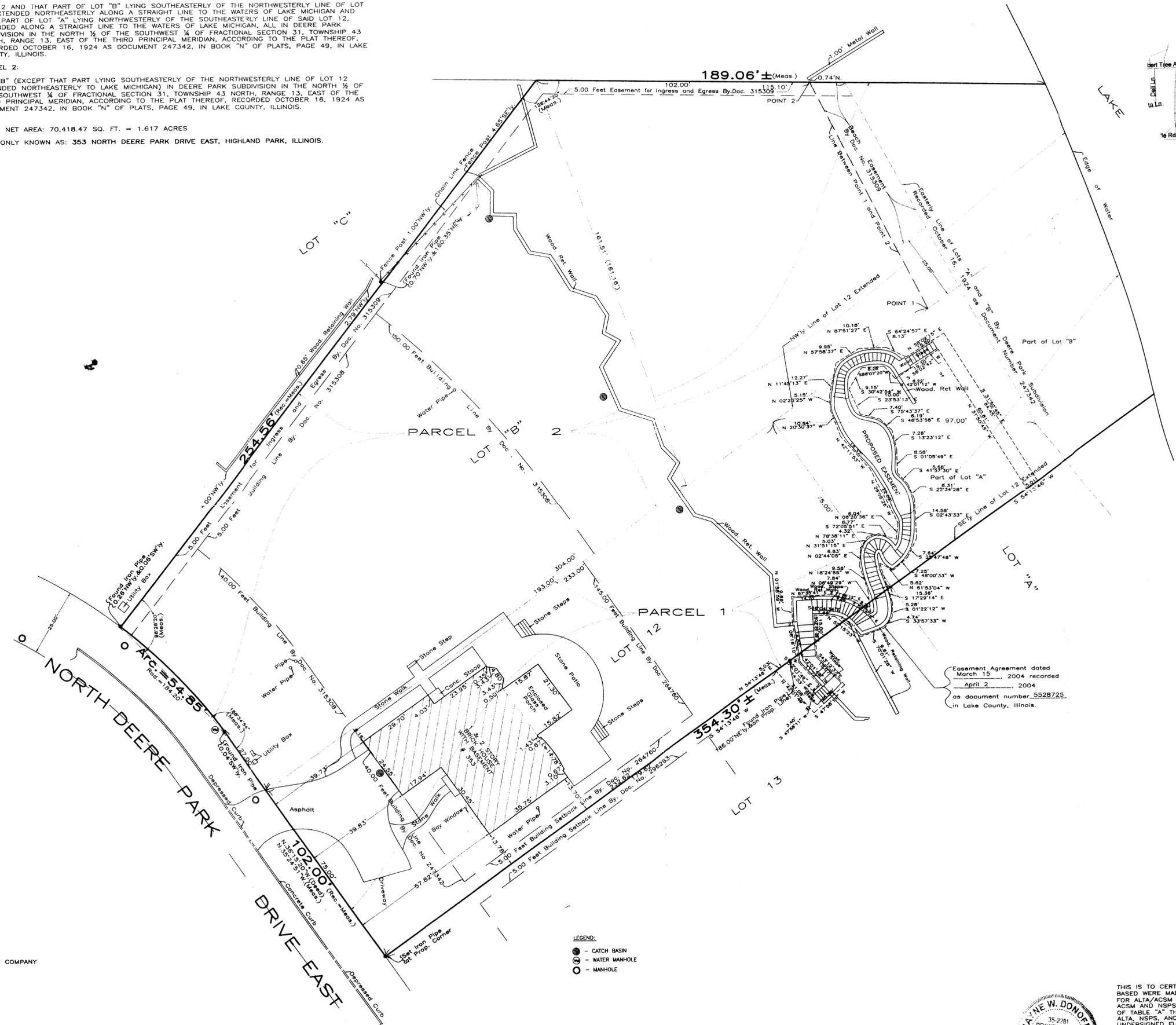
VICINITY MAP



PARCEL 1:
LOT 12 AND THAT PART OF LOT "B" LYING SOUTHEASTERLY OF THE NORTHWESTERLY LINE OF LOT 12 EXTENDED NORTHEASTERLY ALONG A STRAIGHT LINE TO THE WATERS OF LAKE MICHIGAN AND THAT PART OF LOT "A" LYING NORTHWESTERLY OF THE SOUTHEASTERLY LINE OF SAID LOT 12, EXTENDED ALONG A STRAIGHT LINE TO THE WATERS OF LAKE MICHIGAN, ALL IN DEERE PARK SUBDIVISION IN THE NORTH 1/4 OF THE SOUTHWEST 1/4 OF FRACTIONAL SECTION 31, TOWNSHIP 43 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF, RECORDED OCTOBER 16, 1924 AS DOCUMENT 247342, IN BOOK "N" OF PLATS, PAGE 49, IN LAKE COUNTY, ILLINOIS.

PARCEL 2:
LOT "B" (EXCEPT THAT PART LYING SOUTHEASTERLY OF THE NORTHWESTERLY LINE OF LOT 12 EXTENDED NORTHEASTERLY TO LAKE MICHIGAN) IN DEERE PARK SUBDIVISION IN THE NORTH 1/4 OF THE SOUTHWEST 1/4 OF FRACTIONAL SECTION 31, TOWNSHIP 43 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF, RECORDED OCTOBER 16, 1924 AS DOCUMENT 247342, IN BOOK "N" OF PLATS, PAGE 49, IN LAKE COUNTY, ILLINOIS.

TOTAL NET AREA: 70,418.47 SQ. FT. = 1.617 ACRES
COMMONLY KNOWN AS: 353 NORTH DEERE PARK DRIVE EAST, HIGHLAND PARK, ILLINOIS.



Easement Agreement dated
March 15, 2004 recorded
April 2, 2004
as document number 5528725
in Lake County, Illinois.

CERTIFY TO:
- HARVEY WALKEN
- ZOFIA AND PETE ROSE
- CHICAGO TITLE INSURANCE COMPANY

UPDATE: April 9, 2004.
DIMENSIONS ARE NOT TO BE ASSUMED FROM SCALING.
ORDER NO.: 04-67123
SCALE: 1 INCH = 20 FEET.
DATE: March 29, 2004.
ORDERED BY: THE WALKEN COMPANY

LEGEND:
● - CATCH BASIN
○ - WATER MANHOLE
○ - MANHOLE

FLOOD CERTIFICATE:
ACCORDING TO FLOOD INSURANCE RATE MAP OF CITY OF HIGHLAND PARK ILLINOIS DATED SEPTEMBER 3, 1997, COMMUNITY PANEL NUMBER 170367 0295 F THIS PROPERTY IS IN A MINIMUM FLOOD AREA AND IS DESIGNATED AS ZONE "X"



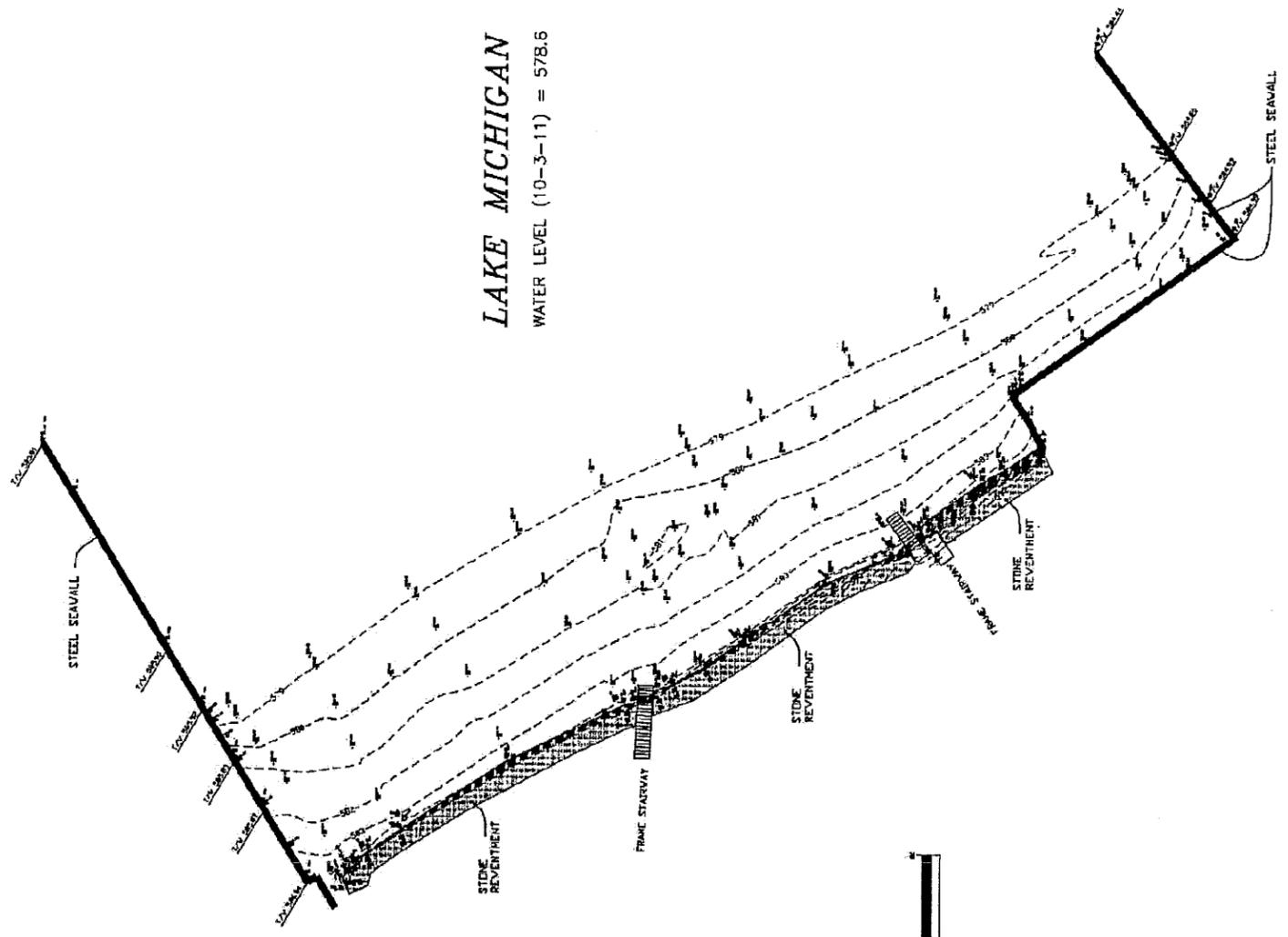
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS," JOINTLY ESTABLISHED AND ADOPTED BY ALTA, ACSM AND NSPS IN 1999, AND INCLUDES ITEMS 1, 2, 3, 4, 7, 8, 10, AND 11 OF TABLE "A" THEREOF, PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA, NSPS, AND ACSM AND IN EFFECT ON THE DATE OF THIS CERTIFICATION. UNDERSIGNED FURTHER CERTIFIES THAT THE SURVEY MEASUREMENTS WERE MADE IN ACCORDANCE WITH THE "MINIMUM ANGLE, DISTANCE, AND CLOSURE REQUIREMENTS FOR SURVEY MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/ACSM LAND TITLE SURVEYS."

DATED: March 29, 2004.
(SIGNED) _____
ILLINOIS PROFESSIONAL LAND SURVEYOR
LICENSE EXPIRATION DATE NOVEMBER 30, 2004
Drawn By: ZZ

TOPOGRAPHIC SURVEY

337 DEERE PARK DRIVE EAST
HIGHLAND PARK, ILLINOIS
P.I.N. 17-31-302-176

353 DEERE PARK DRIVE EAST
HIGHLAND PARK, ILLINOIS
P.I.N. 17-31-302-175



STATE OF ILLINOIS
JERRY J. SHABICA
PROFESSIONAL LAND SURVEYOR
LICENSE NO. 003389
EXPIRES 11/20/2012

SCALE: 1" = 20'
REVISED: 09/04/11 LALKE

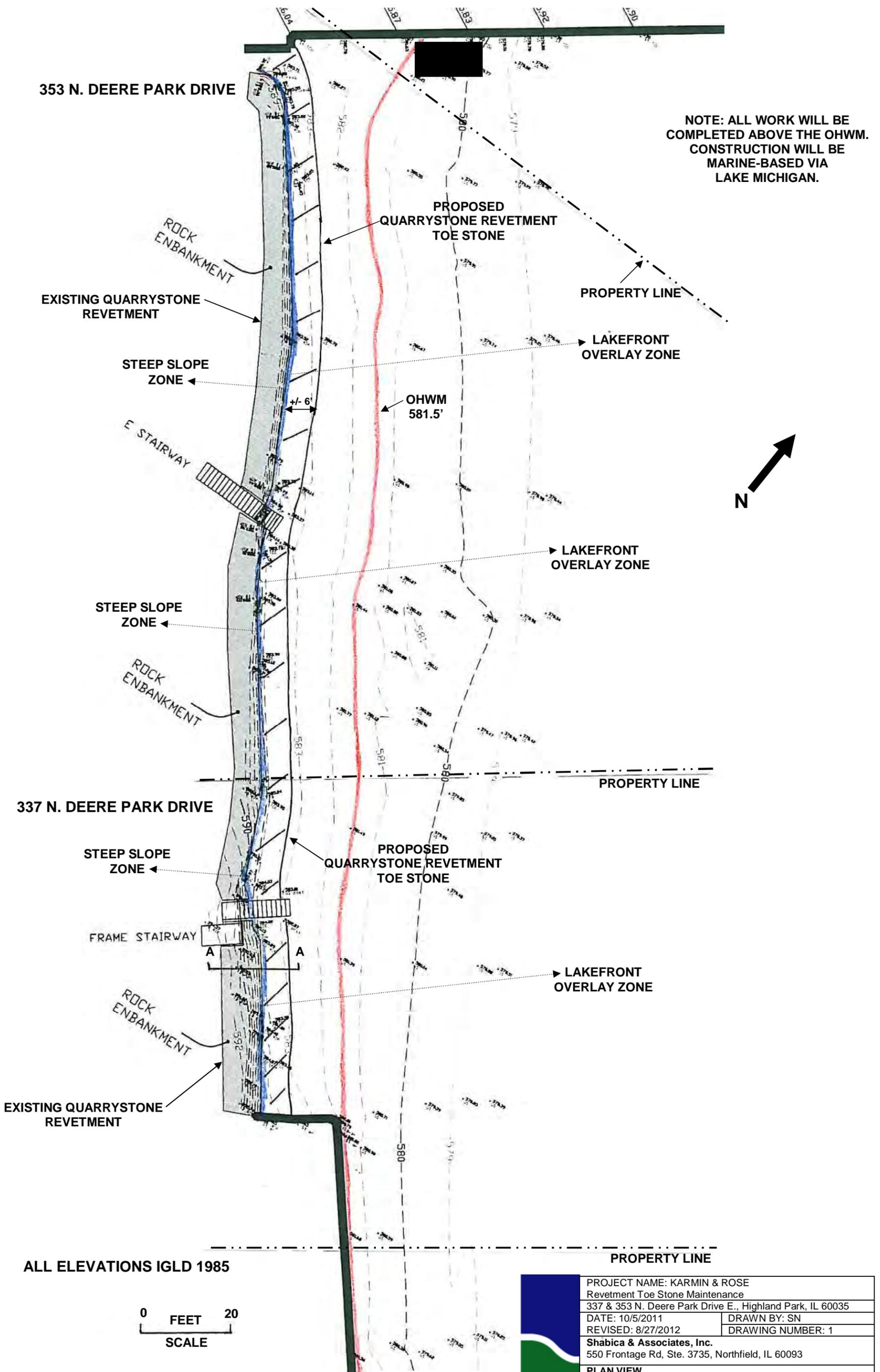
SITE BENCHMARK WAS ESTABLISHED USING GPS EQUIPMENT TIED TO TRIMBLE VRS NOW NETWORK. ELEVATIONS WERE COLLECTED IN NAVD83 DATUM.

**TERRA TECHNOLOGY
LAND SURVEYING, INC.**
24198 ROSE AVE. LAKE ZURICH, ILLINOIS 60047
PH:(847) 540-8606 F-MAIL:TTLS.TERRATECH@AOL.NET

JOB NO. : 11-0059 SURVEY DATE : 10/3/11
DRAWING FILE : DATA/11/0059/SITE.DWG

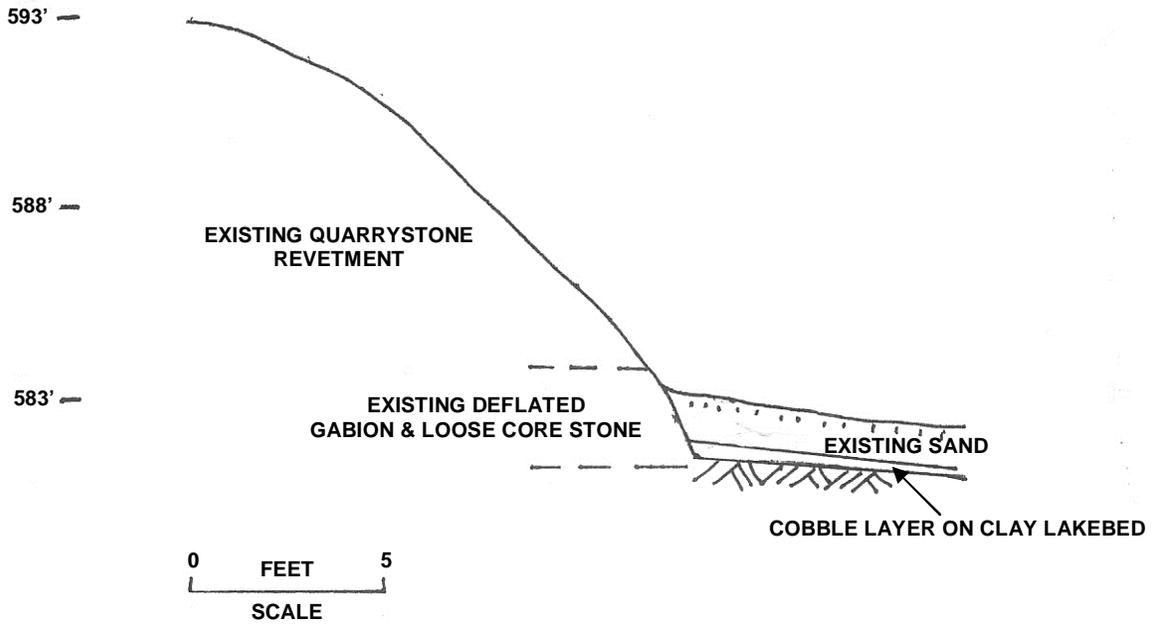
- 1. These sheets have been prepared with field and office data.
- 2. Accuracy of points shown herein is based on the data furnished to the engineer.
- 3. The engineer is not responsible for the accuracy of the data furnished to him.
- 4. The engineer is not responsible for the accuracy of the data furnished to him.
- 5. The engineer is not responsible for the accuracy of the data furnished to him.

**PLAN VIEW –
REVETMENT TOE STONE MAINTENANCE**

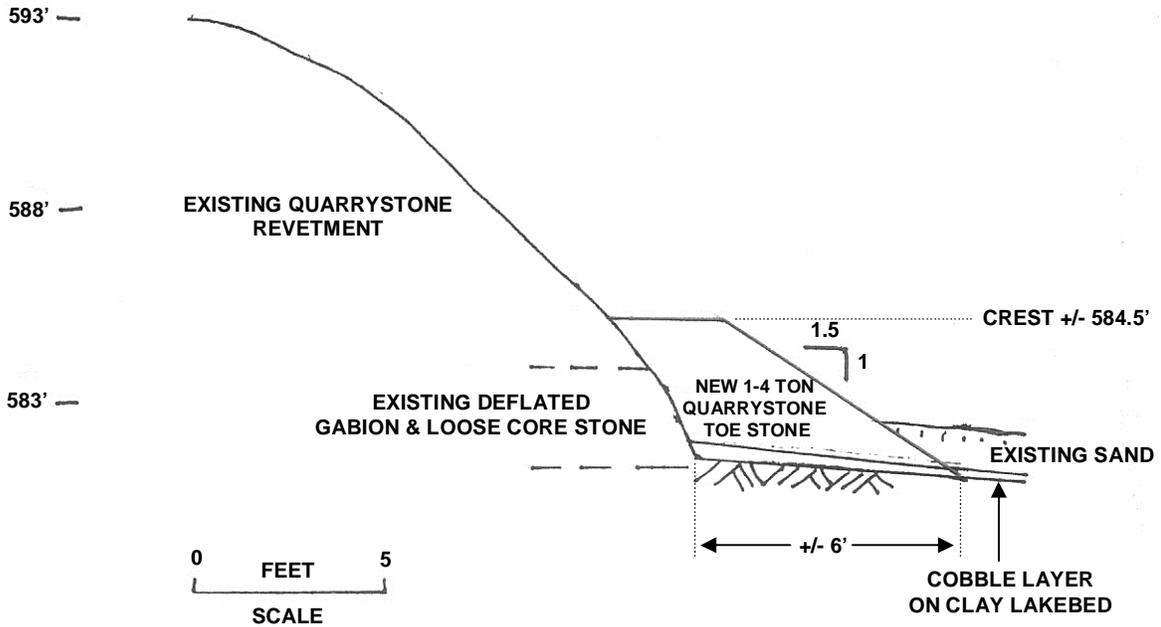


PROJECT NAME: KARMIN & ROSE	
Revetment Toe Stone Maintenance	
337 & 353 N. Deere Park Drive E., Highland Park, IL 60035	
DATE: 10/5/2011	DRAWN BY: SN
REVISED: 8/27/2012	DRAWING NUMBER: 1
Shabica & Associates, Inc.	
550 Frontage Rd, Ste. 3735, Northfield, IL 60093	
PLAN VIEW	

**CROSS SECTION A-A – TYPICAL
EXISTING REVETMENT**



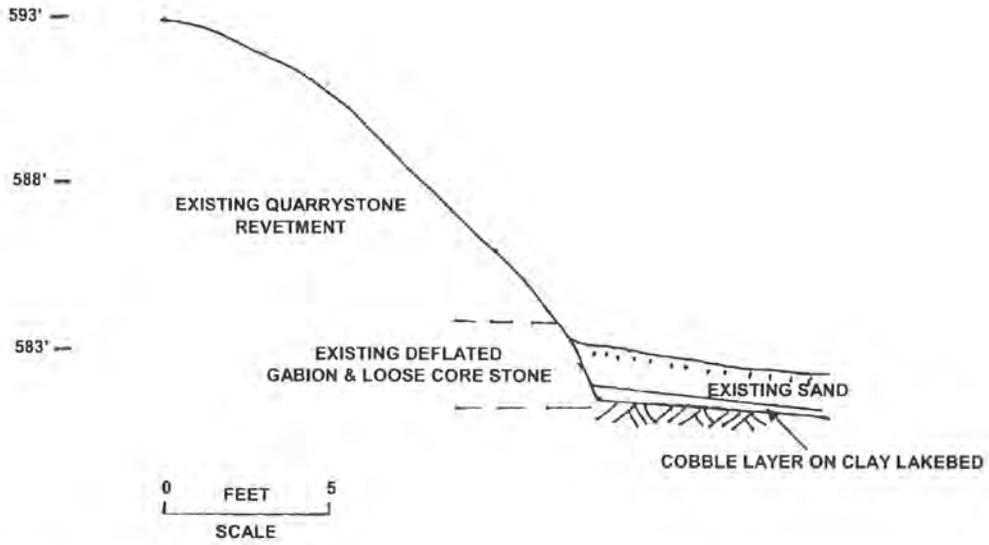
**CROSS SECTION A-A – TYPICAL
PROPOSED REVETMENT TOE STONE MAINTENANCE**



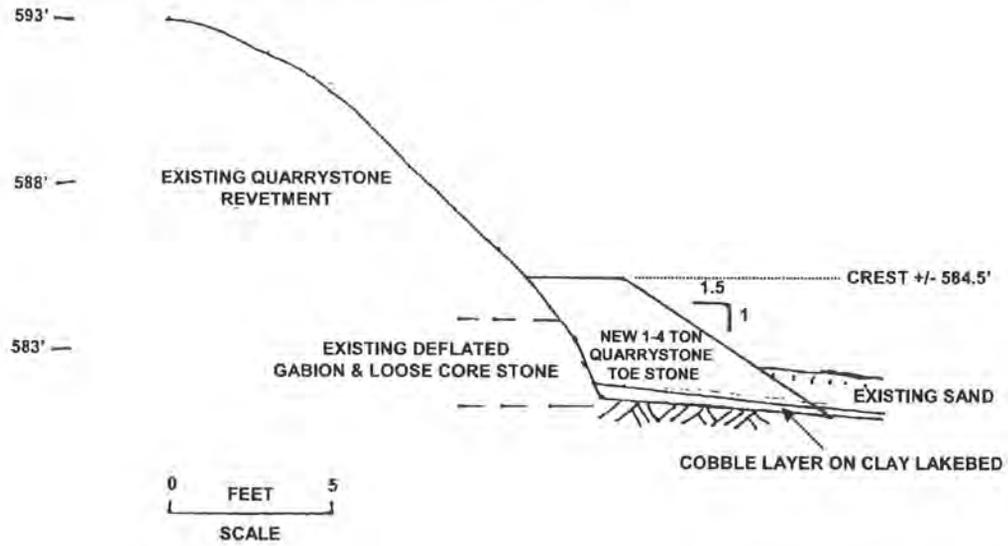
ALL ELEVATIONS IGLD 1985

	PROJECT NAME: KARMIN & ROSE	
	Revetment Toe Stone Maintenance	
	337 & 353 N. Deere Park Drive E., Highland Park, IL 60035	
	DATE: 10/5/2011	DRAWN BY: SN
REVISED: 8/27/2012	DRAWING NUMBER: 2	
Shabica & Associates, Inc. 550 Frontage Rd, Ste. 3735, Northfield, IL 60093		
CROSS SECTION A-A TYPICAL		

**CROSS SECTION A-A – TYPICAL
EXISTING REVETMENT**



**CROSS SECTION A-A – TYPICAL
PROPOSED REVETMENT TOE STONE MAINTENANCE**



ALL ELEVATIONS IGLD 1985

PROJECT NAME: KARMIN & ROSE	
Revetment Toe Stone Maintenance	
337 & 353 N. Deere Park Drive E., Highland Park, IL 60035	
DATE: 10/5/2011	DRAWN BY: SN
REVISED:	DRAWING NUMBER: 2
Shabica & Associates, Inc.	
550 Frontage Rd, Ste. 3735, Northfield, IL 60093	
CROSS SECTION A-A TYPICAL	

NATURAL RESOURCES COMMISSION ACTION PLAN 2013

Action #	ACTION ITEM	TASK	RESPONSIBLE PARTY	First Quarter 2013	Second Quarter 2013	Third Quarter 2013	Fourth Quarter 2013
2013 WORK PLAN PROPOSED FOR CITY COUNCIL CONSIDERATION							
1	Oversee the Creation of Steep Slope Maintenance Standards & Education	Work with a Contract Professional to Develop and Promote Guidelines					
2	Review Composting Program Results & Provide Feedback	Make Recommendation to the City Council Regarding the Effectiveness of the Program					
3	Review Recycling Facility Hours & Provide Feedback	Make recommendation to the City Council Regarding the Effectiveness of the Facility's Existion Operation					
4	Work with Staff to Prepare an Illinois Green Infrastructure Grant Application	Identify Opportunities for Collaboration on a Project; Submit for Funding Consideration by the IEPA					
5	Conduct Outreach on Polystyrene Recycling Pilot Program	Work with Business Owners to Continue to Distribute Promotional Stickers & Posters					
6	Conduct Outreach on Plastic Bag Recycling Receptacle Requirements	Work with Business Owners to Track Data and Ensure Compliance					
7	Conduct Outreach on Commercial Facilities Recycling	Work with Business Owners to Ensure Compliance					
8	Grant Award for Meritorious Service to the Highland Park Environment	Accept & Consider Nominations and Grant Award					
9	Seasonally Update the Educational Displays in the Kiosks at Rosewood and Millard Parks	Work with the Park District to Create & Display Spring Posters					
		Work with the Park District to Create & Display Summer Posters					
		Work with the Park District to Create & Display Fall Posters					
10	Participate in Beach, River & Ravine Cleanup Events	Look into Sponsorship Opportunities for the Alliance for the Great Lakes Adopt-a-Beach Event					
		Look into Sponsorship Opportunities for the Friends of the Chicago River Cleanup Event					
		Secure Dumpster for Collection					
		Promote & Assist the Park District with Ravine Cleanup Events					
11	Participate in July 4th Event	Secure Tent, Table & Informational Material					
		Staff Booth at July 4th Event					
12	Draft Articles for the <i>Highlander</i>	TOPIC TO BE DETERMINED					
		TOPIC TO BE DETERMINED					
		TOPIC TO BE DETERMINED					
		TOPIC TO BE DETERMINED					
13	Organize & Host Environmental Movie Series	Contact Library to Establish Event Dates					ONGOING BASIS
		Acquire License to Screen Film					ONGOING BASIS
		Promote Film Screenings					ONGOING BASIS
14	Participate in Project Citizen	Assist Students with Project & Keep Commission Updated on Efforts					ONGOING BASIS
15	Participate in Green Team Initiatives	Attend Meetings & Give Input					ONGOING BASIS
16	Participate in North Shore Environmental Commissioners Group	Attend Meetings & Give Input					ONGOING BASIS
17	Assist in the Accomplishment of Sustainability Plan Initiatives	Establish Implementation Plan	Staff & Entire Commission				ONGOING BASIS
18	Review & Recommend on Variations and Beach Structure Permit Applications	Forward Findings of Fact to ZBA & City Council	Staff & Entire Commission				ONGOING BASIS
Pink Highlighted Cell = Task Accomplished							



GreenTown Highland Park
 October 18-19, 2012
 Conference Agenda
 Rev. 9.14.12

*GreenTown: The Future of Community
 Highland Park, Illinois - October 18-18, 2012*

Wednesday, October 17, 2012

GreenTown at the Movies 7:00pm
 A screening of *Waste Land*, *Song of the Spindle*, and *The Grid*

Thursday - October 18, 2012

Pre-Conference

Registration..... 12:00 pm – 1:00 pm

Waste Not: Advancing Commercial Food Scrap Collection in the Chicago Area..... 1:00 pm – 5:00 pm
*Sponsored by: Waste Management, Inc., Groot Waste and Recycling Services,
 Veolia Environmental Services, Nu-Earth Organics, Midwest Organics, Rehrig Pacific*

Back Yard or Back 40: Creating Sustainable Landscapes..... 3:00 pm – 5:00 pm
*Midwest Ecological Landscape Alliance
 Led by Carol Becker, MELA; Geoff Deigan, WRD Environmental; Dick Hayden, American Hydrotech;
 Shawn Kingzette, The Care of Trees; Todd Degner, Davey Resource Group*

GreenTown Welcome Reception..... 5:00 pm – 6:30 pm

Main Conference

Friday - October 19, 2012

Registration and Breakfast..... 7:30 am - 8:30 am

Call to Action..... 8:30 am – 9:00 am
*Nancy Rotering, Mayor, City of Highland Park
 Gary Cuneen, Seven Generations Ahead
 John Harris, a5*

Keynote Speaker..... 9:00 am – 10:00 am
*"America's Walking: Creating the Environment that Fosters Walking and Biking"
 Mark Fenton, Host of "America's Walking" on PBS*

Keynote Speaker..... 10:00 am – 10:45 am
*"Aging in Place"
 Henry Cisneros, Cityview, former HUD Secretary and Mayor of San Antonio*

Break..... 10:45 am – 11:00 am

Performance..... 11:00am - 12:15pm
*"A Sense of Wonder"
 Rachel Carson's love for the natural world and her fight to defend it Performance by Kaiulani Lee*

Lunch..... 12:15 pm – 1:15 pm

Breakout Session One:

	Protecting Our Natural Resources	Healthy, Active Communities	Engaging the Highland Park	Regional Sustainability	Fostering Innovation
	<i>Water Conservation: Local, Regional, & State Water Conservation Strategies/Policies</i>	<i>Bike Plans and Complete Streets - Complete Streets And Bike Plans: Creating Connectivity Within and Across Communities</i>	<i>Institutional Leaders Forum: Community Collaboration in Sustainability Implementation</i>	<i>Food Scrap Composting: Pilot Residential Food Scrap Collection Programs</i>	<i>Regional and Local Sustainability Plans: Highlights of CMAP LTA Projects</i>
1: 15 pm - 2:15 pm	<p>Moderator: -David Naftzger, Highland Park City</p> <p>Council Presenters: Susan Garrett, Illinois State Senator; Abby Crisostomo, MPC; Catherine Hurley, Evanston</p>	<p>Moderator: -Janet Attarian, City of Chicago</p> <p>Department of Transportation</p> <p>Presenters: Janet Attarian, City of Chicago, Department of Transportation; Lee Smith, City of Highland Park; Jen Maltas, City of Deerfield</p>	<p>Moderator: Dave Knapp, City of Highland Park</p>	<p>Moderator: Walter Willis, SWALCO</p> <p>Presenters: Dave Douglas, Glad; Walter Willis, SWALCO; Karen Rozmus, Village of Oak Park</p>	<p>Moderator: Jason Navota, CMAP</p> <p>Presenters: Hildy Kingma, Village of Oak Park; David Husemoller, Lake County; Steve Barg, Conserve Lake County</p>

Break 2:15 pm - 2:30 pm

Breakout Session Two:

	Protecting Our Natural Resources	Protecting Our Natural Resources	Healthy, Active Communities	Engaging the Highland Park	Regional Sustainability	Fostering Innovation
	<i>Green Infrastructure: How West Union, Iowa is Creating a Sustainable Downtown that Manages Water and Enriches Community</i>	<i>Waste Reduction: Zero Waste Schools</i>	<i>Healthy Community Initiatives - Pioneering Healthy Communities: Action Plans for Increasing Healthy Eating and Physical Activity From Across the State</i>	<i>Community Development: Building Sustainability Into All Community Development and Infrastructure Projects</i>	<i>Shared Services: Ideas for Collaborating Across Town Lines</i>	<i>Energy - South Korean Smart Grid Institute: The Next Frontier of Energy Efficiency in Chicago Area and North America</i>
2:30 pm - 3:30 pm	<p>Presenter: Jim Patchett, Founder and President, Conservation Design Forum</p>	<p>Moderator: Jen Nelson, Seven Generations Ahead</p> <p>Presenters: Jen Nelson , Seven Generations Ahead; John Fuhrer, D112; Ana Garcia Doyle, D97</p>	<p>Moderator: Mark Fenton,</p> <p>Presenters: Edye Wagner, Healthy Highland Park Task Force; Ann Marchetti, DuPage Forward; Jan Pate, Oak Park Wild About Wellness</p>	<p>Moderator: Michael Blue, City of Highland Park</p> <p>Presenters: Scott Freres, Lakota Group; Rick Hitchcock, Hitchcock Design; David Brint, Brinshore Development</p>	<p>Moderator: Nancy Rotering, City of Highland Park</p> <p>Presenters: Gary Burton, Lake County Administration; David Stolman, Lake County Board; Steve Mandel, Highland Park City Council; Dave Knapp, City Of Highland Park; Bob Kiely, Lake Forest City Manager; Kent Street, Deerfield City Administration; Susan Garrett, Illinois State Senator; Karen May, Illinois State Representative; Maria Lasday, Bannockburn Manager</p>	<p>Presenters: David Pope, President, Village of Oak Park; KC Poulos, Village of Oak Park</p>

Break..... 3:30 pm - 3:45 pm

Breakout Session Three:

	Protecting Our Natural Resources	Healthy, Active Communities	Engaging the Highland Park	Regional Sustainability	Fostering Innovation
3:45 pm - 4:45 pm	<i>Green Building and Energy Efficiency - Promoting Sustainable Buildings: Lake County and Beyond</i>	<i>Local, Sustainable Foods: From Community Gardens and Farmers Markets to Restaurants, Kitchens, and Supermarkets, This Session Will Provide Viewpoints From Different Stakeholders on the Ways They Are Striving to Make Local, Sustainable Food a Vital Part of Their Communities.</i>	<i>Community Engagement and Students: Round Table Discussion of High School Students' Ideas and Vision for a Sustainable Highland Park and Their Role</i>	<i>Energy Efficiency: Regional Energy Efficiency Program and Financing Models for Local Communities</i>	<i>Clean Energy - From Electric Vehicles to Geothermal: Integrating Clean Tech Into Local Communities</i>
	Presenters: David Husemoller, Lake County Planner; Daniel Grove, Lakota Group; Nate Kipnis, Nathan Kipnis Architects	Moderator: Sonya Dagovitz Presenters: John Des Rosiers, Moderno; Paul Quillen, Ravinia Farmers Market; Geoff Deigan, WRD Environmental; Richard Cortese, Sunset Foods	Moderator: Nancy Rotering, City of Highland Park; Tom Koulentes, D113 Presenters: D113 Students, TBD	Presenters: Emily Plagman, CMAP; Anna Markowski, CNT; Amy Stewart, IFF	Moderator: TBD Presenters: Eric Heineman, Illinois Governor's Office; Kim Lundgren, VHB; Don McLauchlan, Elara Engineering

GREENTOWN AT THE MOVIES

WASTE LAND

Winner, Best World Cinema Documentary, Sundance Festival

Filmed over nearly three years, WASTE LAND follows renowned artist Vik Muniz as he journeys from his home base in Brooklyn to his native Brazil and the world's largest garbage dump, Jardim Gramacho, located on the outskirts of Rio de Janeiro. There he photographs an eclectic band of "catadores"—self-designated pickers of recyclable materials. Director Lucy Walker (DEVIL'S PLAYGROUND, BLINDSIGHT and COUNTDOWN TO ZERO) and co-directors João Jardim and Karen Harley have great access to the entire process and, in the end, offer stirring evidence of the transformative power of art and the alchemy of the human spirit. *99 min.*

**Also Showing:
THE GRID**

The story of Ursula Sladek and a small group of parents who took over the local electric grid and started one of Europe's first cooperatively-owned green energy companies. *5 min.*

DISCUSSION TO FOLLOW

WEDNESDAY, OCTOBER 17, 7PM

\$10 AT THE DOOR / IN ADVANCE AT THEATER

RENAISSANCE PLACE CINEMA

1850 2ND ST., SUITE 110, DOWNTOWN HIGHLAND PARK
(847) 432-7914

GreenTown: The Future of Community

Friday, October 19 / Art Center / Downtown Highland Park

Now is the time to create a healthy, sustainable community. Join the City of Highland Park for an experience designed to promote sustainability in Highland Park and beyond. Starting on Wednesday, October 17 with a film festival and culminating in a conference called GreenTown: The Future of Community, community members and business owners can engage to learn, create a dialogue and develop actionable ways to promote healthy living, walking and biking, downtown development, arts and culture, waste reduction and more.

For more information, go to greentownconference.com

Partner:
City of Highland Park

Conservation Design
Forum
CDM
DART
Elara Engineering
GreenChoice Bank

Groot Waste and
Recycling Services
I-GO Car Sharing
Lake Street Supply
Libbey Glass
Local Search Association

mc² Energy Services
Pine Hall Brick
Pizzo & Associates, Ltd.
Unilock
Veolia
Waste Management, Inc.

Official Media Sponsor:
Natural Awakenings

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Half-Day Commercial Food Scrap Collection and Composting Forum

Commercial Food Scrap Collection: A Forum on Best Practices and Strategies for Advancing Programs in the Chicago Metro Area

Date: Thursday, October 18, 2012

Time: 1:00pm-5:00pm

Location: Highland Park Art Center, Highland Park, IL

Target Audience: Food scrap generators, haulers, compost site operators, local governments.

This session is being organized in collaboration with five county governments and waste management agencies covering Cook, Northern Cook, DuPage, Kane, and Lake Counties, and will target all stakeholders interested in Chicago metro area Commercial Food Scrap Composting. The goals of the session are to educate stakeholders (municipal governments, waste management authorities, haulers, compost site operators, generators of food scraps, and end users of compost) about best practices from well-established programs within and outside of Illinois and to engage Chicago metro area stakeholders in discussing barriers and solutions related to key themes including route density, training, equipment, contracts, and strategies for increasing the number of food scrap composting programs and participants in the four county area.

AGENDA

A. Overview and Introductions - 15 minutes

- Gary Cuneen, Seven Generations Ahead
- Mayor Nancy Rotering, City of Highland Park
- Walter Willis, SWALCO

B. Best Practices Presentations and Discussion – 1 hour

- John Jaimez, Hennepin County, MN
- Marcie Kress, Summit/Akron Solid Waste Management Authority, Akron, OH
- Anne Brantley, WasteQuip

BREAK – 15 minutes

C. Chicago Metro Area Issues and Solutions Discussion

1) Panel Presentations from Local Chicago Area Food Scrap Hauling/Composting Stakeholders

1 hour 30 minutes

PANEL #1 – Overview of Jewel-Osco Food Scrap Composting Program

John Dunsing, Jewel-Osco; Denise Segal, Waste Management; Ted Krueger, Midwest Organics – 35 minutes

PANEL #2 - Overview of Northwestern Food Scrap Composting Program

Julie Cahillane, Northwestern; Bob Pfister, Veolia; Joe Zepeda, NuEarth – 35 minutes

PANEL #3 – Food Scrap Composting Resources Overview

Julie Schilf, EPA; Nancy Himmelfarb, University of Chicago; Shefali M. Trivedi, DuPage County – 20 minutes

2) Questions & Answers: Dialogue About the Barriers to Overcome and Solutions to Implement for Increasing Commercial Food Scrap Composting in Illinois (will include panelists from all sessions during the workshop) - 45 minutes

Moderator: Dave Van Vooren, SWANNC

Topics to be Addressed:

1. Strategies for building route density
2. Developing new markets and strategies for end use of compost
3. Other issues, strategies, and recommendations for advancing commercial food scrap composting in Chicago metro area

D. Closing and Next Steps – 15 minutes