RECEIVED
May 26 2015
Office of Coastal Management
2015-026

DEPARTMENT OF THE ARMY
BUFFALO DISTRICT, CORPS OF ENGINEERS
1776 NIAGARA STREET
BUFFALO, NEW YORK 14207-3199

REPLY TO
ATTENTION OF:

May 20, 2015

Regulatory Branch

SUBJECT: Coordination Prior to Letter of Permission Authorization, Processing No. 2015-00372, Location: Euclid Beach Park, East 156th Street, City of Cleveland, Cuyahoga County, Ohio.

Email to: john.kessler@dnr.state.oh.us

Regular Mail to:
Mr. John Kessler
Ohio Department of Natural Resources
Environmental Policy Coordinator
2045 Morse Road
Columbus, OH 43229

The U.S. Army Engineer District, Buffalo, is considering the issuance of a **LETTER OF PERMISSION** to:

Cleveland Metroparks
4101 Fulton Parkway
Cleveland, Ohio 44144

Authorizing work as follows:

The Placement of Sand Material to Maintain and Restore Public Bathing Beaches.

The Applicant proposed to place approximately 500 cubic yards of clean sand material, obtained from an upland source (adjacent beach area), below the Ordinary High Water (OHW) of Lake Erie. This sand would be placed into the existing 40' x 300' long designated swimming area (see attached drawings) and would be placed to an average 1 foot thick layer (with no portion to be thinner than 6" and nor thicker than 18").

Additionally, in order to reduce turbidity associated with the project, the Applicant proposed to: a. Instruct any contractor to install a floating siltation barrier, to be removed at the completion of the work; and b. Make every effort to perform the proposed work during calm water conditions with minimal wave activity.

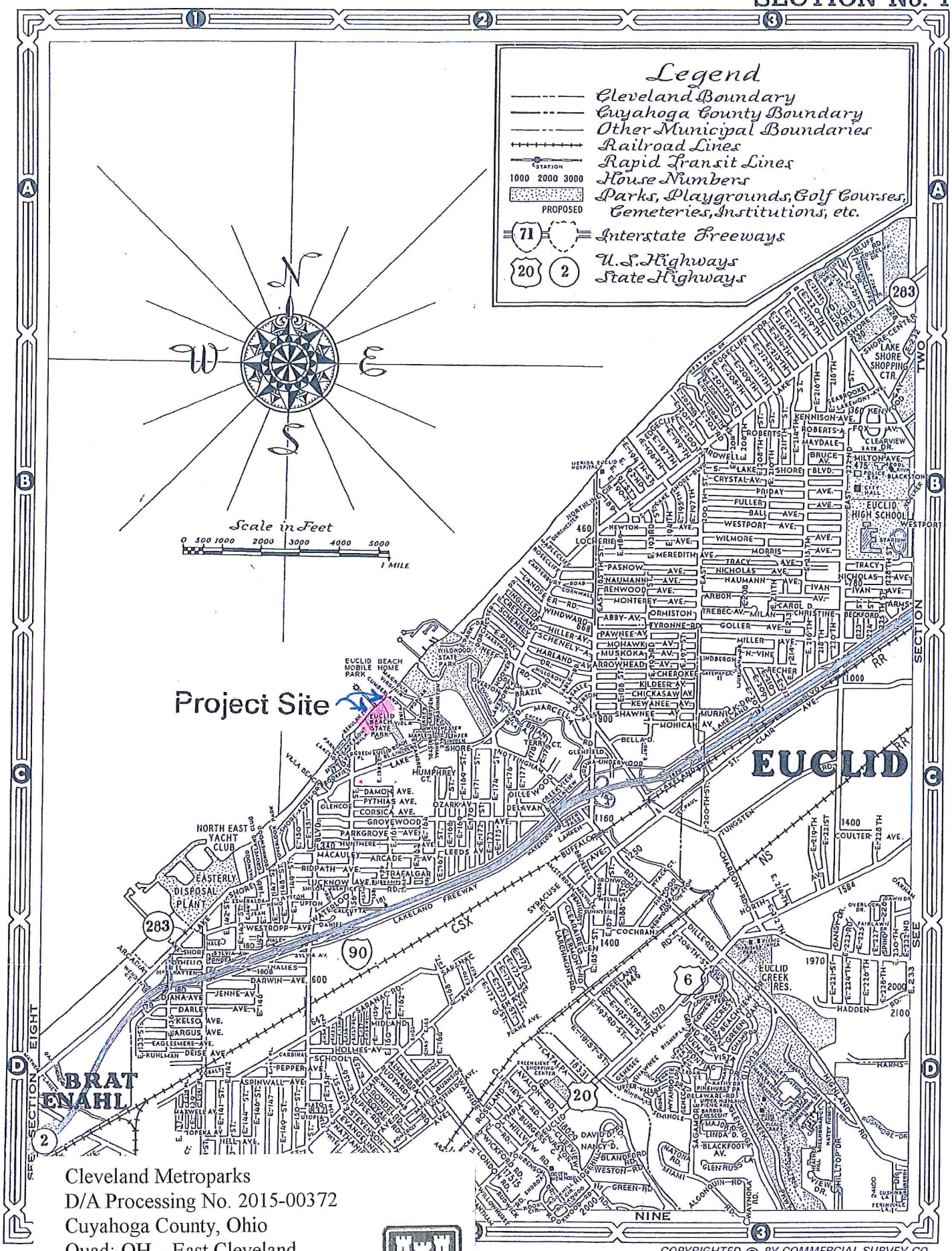
The swimming area at Euclid Beach is protected by six existing off-shore breakwaters which concentrate the flow of water between them and scours away the sandy lakebed resulting in the formation of unexpected deep (10' or greater) channels. Bathers are unable to see these channels due to the murky water, particularly when moving parallel to shore, lose their footing and have

difficulty recovering due to the steep channel side slopes and the loose lake bottom. The proposed project will improve public safety and enjoyment of the beach area.

Please review and comment on the enclosed copy of the applicant's submittal.

Questions pertaining to this matter should be directed to me at (716) 879-4186, by writing to the following address: Joseph W. Krawczyk, U.S. Army Corps of Engineers, 1776 Niagara Street, Buffalo, NY 14207, or by e-mail at: joseph.w.krawczyk@usace.army.mil

****IMPORTANT NOTE** -- PLEASE RESPOND WITHIN 15 DAYS OF THE ABOVE DATE OR WE WILL ASSUME YOU HAVE NO OBJECTION TO THE ISSUANCE**



Cleveland Metroparks
D/A Processing No. 2015-00372
Cuyahoga County, Ohio
Quad: OH – East Cleveland
Sheet 1 of 4

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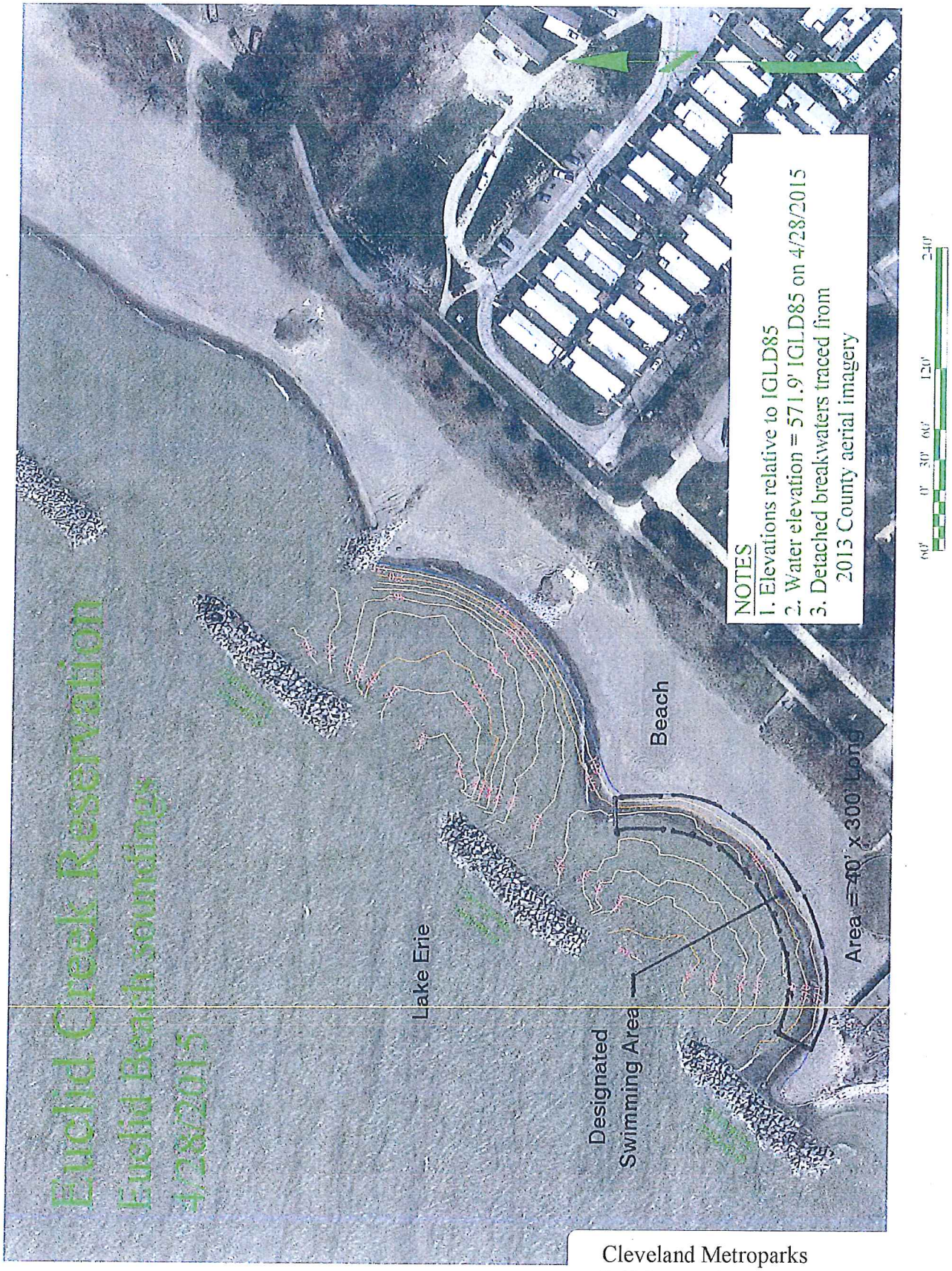
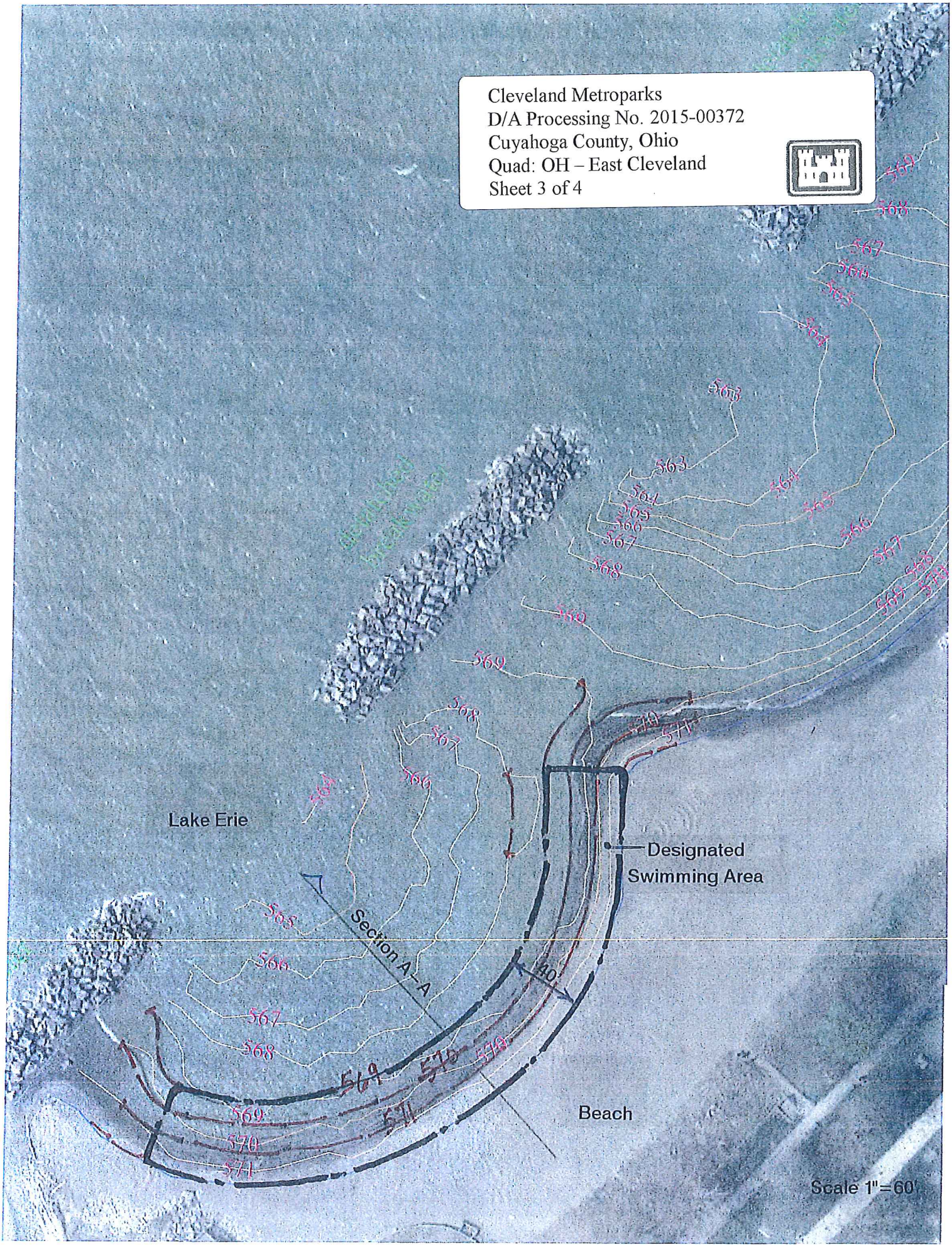


Cleveland Metroparks
D/A Processing No. 2015-00372
Cuyahoga County, Ohio
Quad: OH – East Cleveland
Sheet 2 of 4

Cleveland Metroparks
D/A Processing No. 2015-00372
Cuyahoga County, Ohio
Quad: OH – East Cleveland
Sheet 3 of 4



Cleveland Metroparks
Department of Planning, Design
& Natural Resources
4101 Fulton Parkway
Cleveland, Ohio 44144
(216) 635-3200
FAX (216) 635-3286

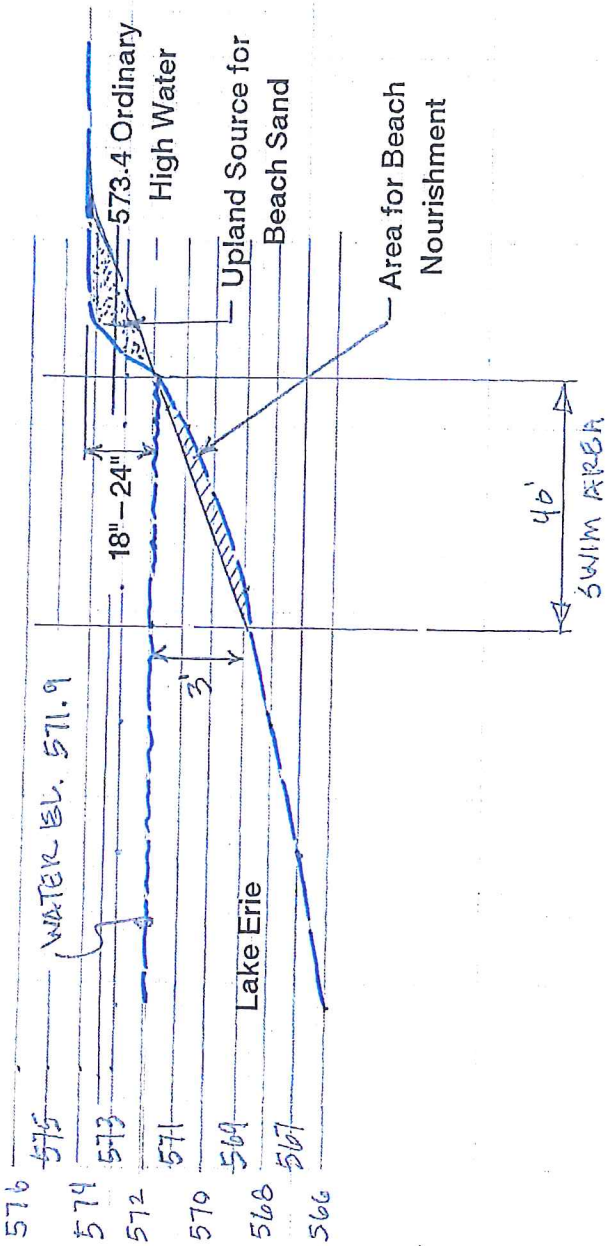
JOB EUCLID BEACH - BEACH NOURISHMENT

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE 5-14-15

SCALE _____



Section A – A

Vertical Scale 1"=6'
Horizontal Scale 1"=30'

Cleveland Metroparks
D/A Processing No. 2015-00372
Cuyahoga County, Ohio
Quad: OH – East Cleveland
Sheet 4 of 4

Print Form

Ohio Coastal Management Program
Consistency Certification Statement

I, JOHN CARDWELL, do certify that the proposed activity complies with the enforceable policies of Ohio's approved coastal management program and will be conducted in a manner consistent with such program (16 U.S.C. § 1456 and O.R.C. §1506.03).

Address: CLEVELAND METROPARKS 4101 FULTON PARKWAY

City: CLEVELAND State: OHIO Zip Code: 44144

Telephone Number: 216-635-3250

Applicant's Signature: John Cardwell Date: 5-14-15

Project Name/Description: EUCLID BEACH - BEACH NOURISHMENT - THE PLACEMENT OF APPROX. 500 cyds. OF SAND FROM AN UPLAND SOURCE & SPREAD to AVG. THICKNESS OF 12" - MIN. 6", MAX. 18"

Please list all local, State, and Federal permits, licenses, leases, and/or other authorizations required for this project:

1)	USACE - LETTER OF PERMISSION (LOP)
2)	
3)	
4)	
5)	

Please submit an original copy of this document signed by the applicant (not an agent or representative) with your Federal permit application or submit to:

Federal Consistency Coordinator
Ohio Department of Natural Resources
Office of Coastal Management
105 West Shoreline Drive
Sandusky, Ohio 44870

CLEVELAND METROPARKS
established 1917
clevelandmetroparks.com
Administrative Offices | 4101 Fulton Parkway | Cleveland, OH | 44144
Phone 216-635-3200 | Fax 216-635-3286

BOARD OF PARK COMMISSIONERS
Bruce G. Rinker, President
Debra K. Berry, Vice-President
Dan T. Moore, Vice-President

CHIEF EXECUTIVE OFFICER
Brian M. Zimmerman

May 14, 2014

Mr. Joseph W. Krawczyk
Biologist – Regulatory Branch
Department of the Army
Buffalo District, U.S. Army Corps of Engineers

Subject: Exclusionary Period In-Water Work Request

Dear Mr. Krawczyk,

I am writing to request an in-water work exemption from the Ohio Department of Natural Resources, Department of Wildlife approving Cleveland Metroparks to proceed with the Euclid Beach - Beach Nourishment during the exclusionary window (April 15 thru June 30, 2015). Cleveland Metroparks assumed operation of the beach facility along with several other lakefront properties in 2014. The beach at Euclid Beach is protected by six existing off-shore breakwaters which, unfortunately concentrate the flow of water between them which scours away the sandy lakebed resulting in the formation of unexpected deep (10' or greater) channels. Bathers unable to see these channels due to the murky water, particularly when moving in the water west to east parallel to shore, lose their footing and have difficulty recovering due to the steep channel side slopes and the loose lake bottom.

In an effort to provide a safer in-water experience for this years (2015) beach season Cleveland Metroparks is proposing to provide additional sand to a 40' x 300' long identified swimming area to create a uniform surfaces designated swimming area with less than a 10:1 slope, and a maximum depth of 3'. We are requesting the in-water wavier to permit the work to begin June 1, 2015 and be completed approximately 10 days later in time to maximize the public's access to the water during the swim season.

Please contact me should you need any additional information.

Respectfully,

John G. Cardwell. RLA
Senior Landscape Architect

U.S. ARMY CORPS OF ENGINEERS

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

33 CFR 325. The proponent agency is CECW-CO-R.

2015 MAY 19

Form Approved - OMB No. 0710-0003 Expires: 30-SEPTEMBER-2015

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required)
First - John Middle - Last - Cardwell	First - Middle - Last -
Company - Cleveland Metroparks	Company -
E-mail Address - jgc@clevelandmetroparks.com	E-mail Address -
6. APPLICANT'S ADDRESS:	9. AGENT'S ADDRESS:
Address- 4101 Fulton Parkway	Address-
City - Cleveland State - Ohio Zip - 44144 Country - USA	City - State - Zip - Country -
7. APPLICANT'S PHONE NOs. w/AREA CODE	10. AGENTS PHONE NOs. w/AREA CODE
a. Residence b. Business 216-635-3250 c. Fax 216-635-3286	a. Residence b. Business c. Fax

STATEMENT OF AUTHORIZATION

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

SIGNATURE OF APPLICANT _____ DATE _____

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions)

Euclid Beach Park - Beach Nourishment

13. NAME OF WATERBODY, IF KNOWN (if applicable)	14. PROJECT STREET ADDRESS (if applicable)
Lake Erie	Address East 156th St.
15. LOCATION OF PROJECT Latitude: °N 41 35'01.22" Longitude: °W 81 34'11.47"	City - Cleveland State- Ohio Zip- 44110

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)

State Tax Parcel ID Municipality

Section - Township - Range -

17. DIRECTIONS TO THE SITE

From the East: I-90 West and exit at E. 200th St., onto N. Lakeland Blvd., continue on N. Lakeland Blvd. to Neff Rd. and turn right on Neff Rd. (North) to Lake Shore Blvd., tirn left (West) on Lakeshore Blvd. Entrance is approximately 3/4 miles west on Lakeshore Blvd. on the North side of the street.

18. Nature of Activity (Description of project, include all features)

Cleveland Metroparks proposes to direct an excavator to spread imported sand within the limits of the designated swimming area (see Attachment A - D) to create a more uniform, stable sandy lakebed for swimming with water depths ranging from inches at the shoreline to 3' maximum. Cleveland Metroparks recognizes this is a short-term solution to providing a safe beach experience and is actively working with an expert shoreline consultant to develop a more long term solution to improving swimming conditions at Euclid Beach. This long-term "fix" will be forwarded to the Corps for approval/permit for implementation after Memorial Day of this year (2015). In the meantime the designated swimming area at Euclid Beach will be identified with buoys and extend approximately 40' out from shore and run 300' along the shoreline.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

Euclid Beach has historically provided a beach/swimming opportunity for urban residents including picnicking, sunbathing, wading and swimming while operated by the City of Cleveland and Ohio Department of Natural Resources. Cleveland Metroparks assumed operation of the lake front parks in 2014. Six existing off-shore breakwaters concentrate water movements between them resulting in scouring of the sandy lakebed resulting in the formation of unexpected deep (10' and greater) channels which taper as they extend towards shore. Bathers, unable to see the these channels due to the murky water, particularly when moving in the water parallel to shore are losing their footing and having difficulty recovering due to steep, unstable channel side slopes. In an effort to provide a safer in-water beach experience for this 2015 beach season Cleveland Metroparks intends to meet the requirements for authorization of a Section 404 LOP for Beach Nourishment. We understand this authorization limits us to 2,000 cubic yards of beach compatible sand imported from a location above the ordinary high water, spread to an average depth of 1 foot with no layer less than 6 inches or more than 18 inches thick.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

This LOP will authorize Cleveland Metroparks to import approximately 500 cubic yards of imported sand from an upland site (the adjacent beach) above the ordinary high water. This sand will be spread within the designated swimming area to form a smooth, uniform lakebed surface with a maximum water depth within the swimming area of 3' maximum. The slope of the lakebed will be 10:1 maximum. Additionally the swimming area will be life-guarded during popular swimming periods during the week.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
Beach Compatible Sand - Approx.500 cu.yds		

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 40' out from shore x 300' along the shoreline = 12,000 sf. = .28 Acres

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

To comply with the 401 Water Quality Certification Condition as required by the Beach Nourishment LOP Cleveland Metroparks will take steps to minimize turbidity outside of the work area by making every effort to perform the work during calm water conditions with minimal wave activity and employ a floating, movable siltation barrier which would be removed upon completion of the work if necessary. Cleveland Metroparks recognizes requesting approval to perform this work between June 1 and June 30th 2015 is within the DNR Dept. of Wildlife in-water work exclusionary period and we have attached a written request for an in-water work wavier.

24. Is Any Portion of the Work Already Complete? ☐ Yes ☒ No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- Please refer to the attached List

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
ODNR	Verbal		4-13-15	4-13-15	

* Would include but is not restricted to zoning, building, and flood plain permits

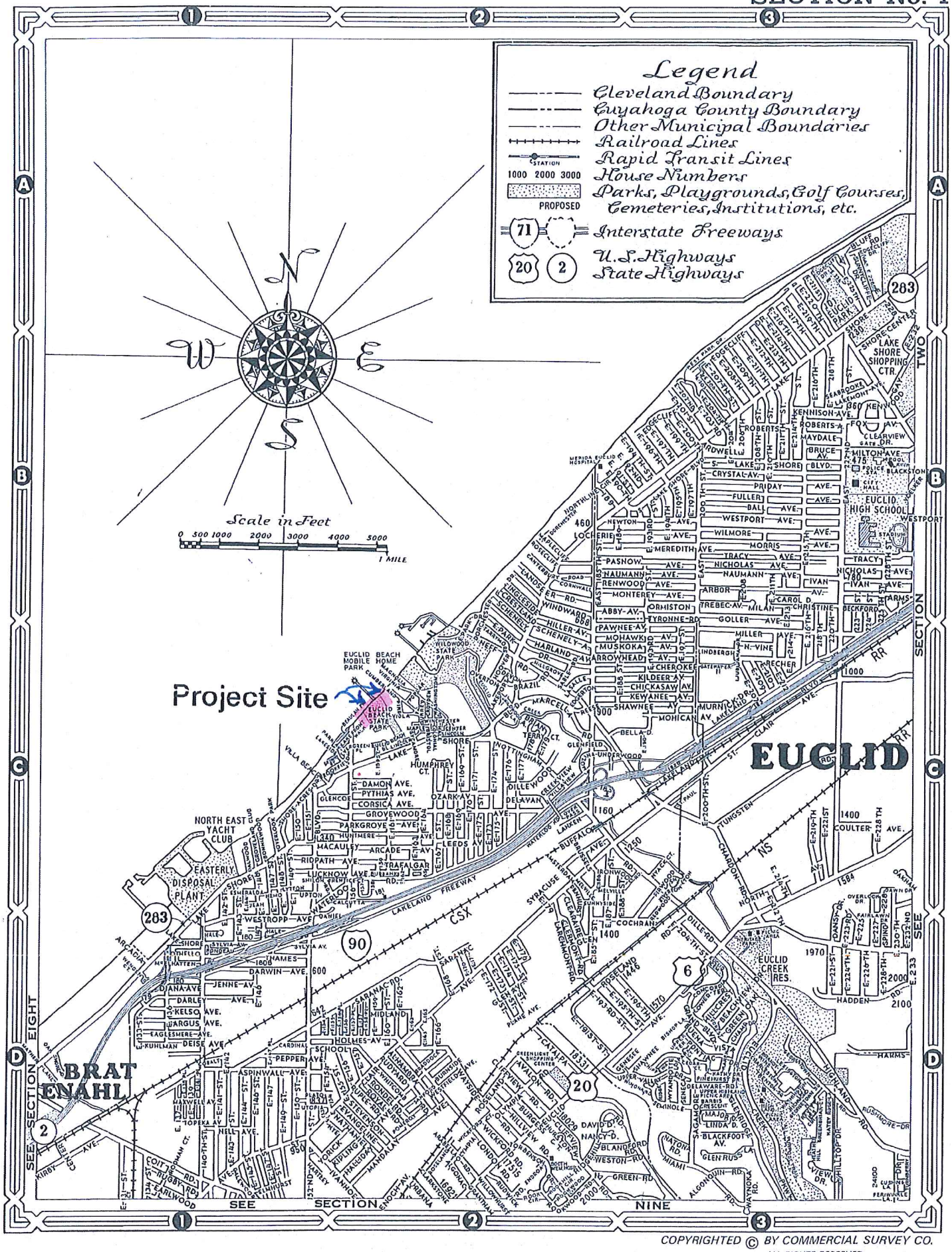
27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

Jale Cardwell 4-23-15

SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than $10,000 or imprisoned not more than five years or both.



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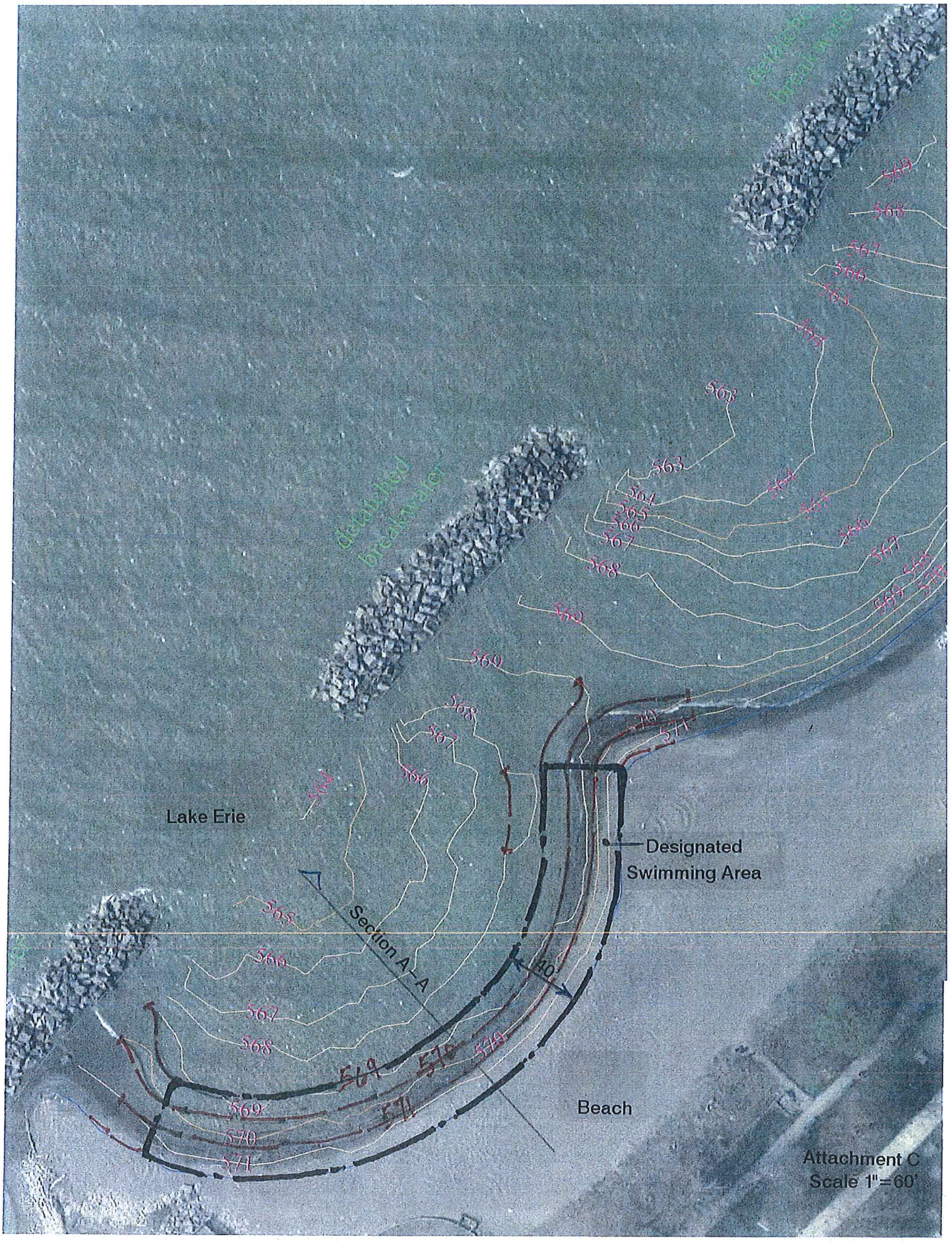
Attachment A

Attachment B


detached breakwater
detached breakwater
Lake Erie
Designated Swimming Area
Section A–A
40'
Beach
Attachment C
Scale 1"=60'

Cleveland Metroparks
Department of Planning, Design
& Natural Resources
4101 Fulton Parkway
Cleveland, Ohio 44144
(216) 635-3200
FAX (216) 635-3286

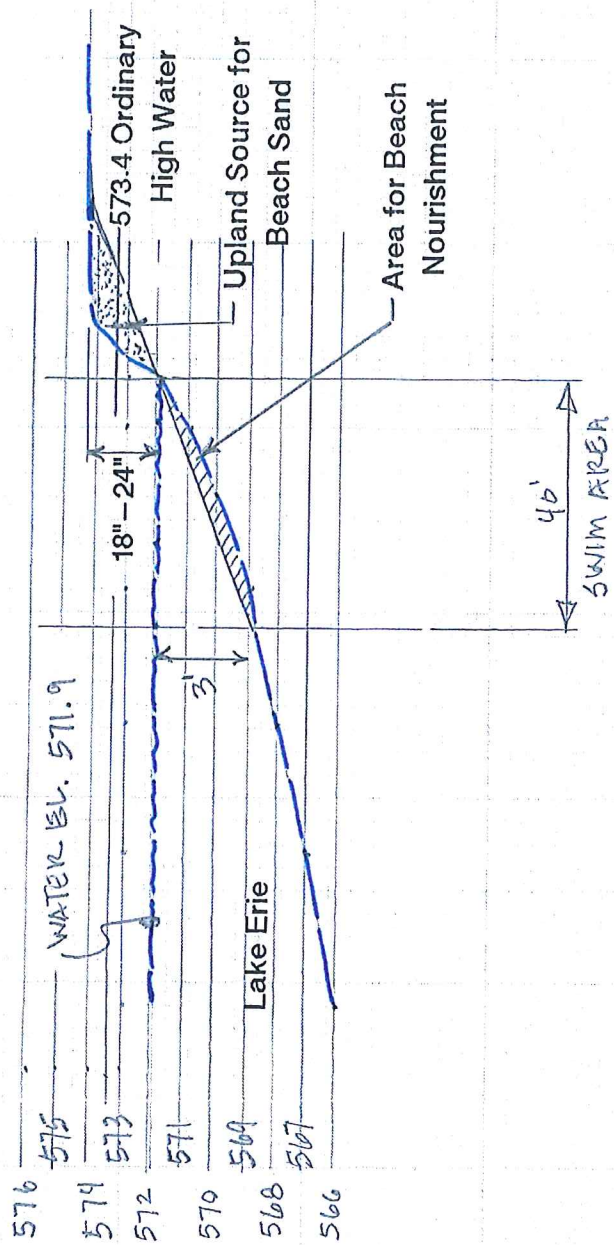
JOB EUCLID BEACH - BEACH NOURISHMENT

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY JEG DATE 5-14-15

SCALE _____



Section A–A

Vertical Scale 1"=6'
Horizontal Scale 1"=30'

Attachment D

Euclid Beach Club Residence (apartments)	123 E 156 ST	Cleveland	44110
Euclid Beach Villa Apartments	125 E 156 ST	Cleveland	44110
John & Leah Ban	28 Lakeside Walk St	Cleveland	44110
Amy Sparks	26 Lakeside Walk St	Cleveland	44110
Christina Moser	22 Lakeside Walk St	Cleveland	44110
Cheryl Davis	20 Lakeside Walk St	Cleveland	44110
Richard Harrington	18 Lakeside Walk St	Cleveland	44110
Jill Farris	16 Lakeside Walk St	Cleveland	44110
Marci Curtis	14 Lakeside Walk St	Cleveland	44110
Cynthia & Leddy Barber	12 Lakeside Walk St	Cleveland	44110
Cindy Barber	10 Lakeside Walk St	Cleveland	44110
Vincent & Suzann DeGeorge	8 Lakeside Walk St	Cleveland	44110
Donald Johnson	16815 East Park Dr	Cleveland	44119
Gregory & Gayle Takacs	16905 East Park Dr	Cleveland	44119