



# Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271  
www.dnr.illinois.gov

JB Pritzker, Governor  
Colleen Callahan, Director

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

## Illinois Department of Natural Resources, Office of Water Resources PUBLIC NOTICE

### **To Construct a Shore Protection/Public Beach Project, in Lake Michigan, at Elder and Centennial Parks, in Winnetka IL**

The Winnetka Park District, 540 Hibbard Road, Winnetka, IL 60093, and the Orchard Revocable Trust, 353 N. Clark Street, Chicago, IL 60654 have applied for an Illinois Department of Natural Resources' permit to construct a shoreline protection and public beach project, in Lake Michigan, at Elder and Centennial Parks, 299, 261 and 225 Sheridan Road, Winnetka, IL

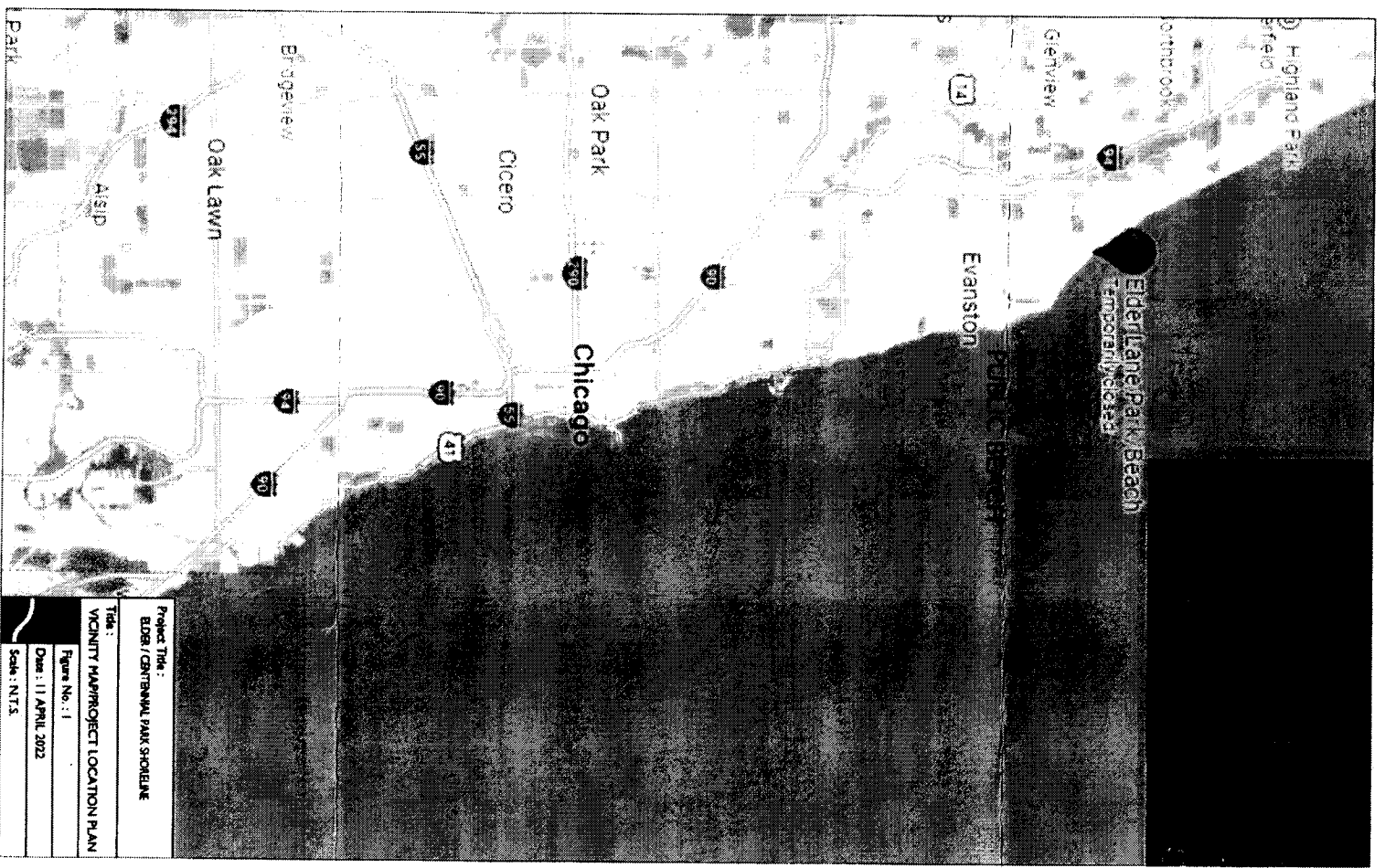
The existing structures at the site include four steel jetties, steel sheet piling, a concrete pier, and a stormwater outfall pipe, all of which will be removed. The proposed project consists of the construction of three shore attached steel/quarystone breakwaters (north, middle, and south) and the placement of beach nourishment. The north breakwater will be approximately 265 ft. long. The western 100 ft. will consist of a capped steel sheet pile planting pocket which will have a crest elevation of 590 ft. at the toe-of bluff tapering to 587 ft. Steel louvers will be attached to the northern cap of the steel sheet pile. The louvers will extend 155 ft. from the toe-of-bluff lakeward and will have a crest elevation of 596.5 ft. tapering to 588.6 ft. The existing stormwater outfall will be relocated into the proposed north breakwater. The new outfall will consist of a 36 in. diameter steel pipe that will exit the north breakwater on the lakeward end. The center breakwater will consist of a 260 ft. long, shore parallel quarystone/steel section located 300 ft. lakeward of the toe-of-bluff. It will have a crest width of 15 ft. and crest height of 585 ft. This section will be connected to shore by a steel/concrete 12 ft. wide pier. The pier will have a crest elevation of 587 ft. at the toe-of-bluff tapering to 585 ft. on the lakeward end. The south breakwater will be 300 ft. long and consist of a steel sheet pile planting pocket on the landward end and quarystone on the lakeward end. The proposed planting pocket will consist of a 185 ft. long section of capped steel sheet pile with a crest elevation of 591 ft. at the toe-of-bluff tapering to 587 ft. The northern wall will be 113 ft. long of curved and capped steel sheet pile with a crest elevation of 590 ft. at the toe-of bluff tapering to 586 ft. Attached to the south side of the proposed planter will be 185 ft. of steel louvers. The louvers will have a crest elevation of 597.5 ft. at the toe-of-bluff tapering to 588.5 ft. The lakeward portion of the south breakwater will consist of a quarystone structure with a crest width of 11 ft. and a crest height of 587 ft. on the landward side tapering to 586 ft. No less than 23,200 cubic yards of clean sand will be placed as pre-mitigational fill. Other work will consist of the construction of 800 ft. of ADA accessible boardwalk and emergency and pedestrian access to the proposed beach. As part of the application the Winnetka Park District has requested a 10-year beach nourishment permit for the annual placement of 2,000 cubic yards of sand. All elevations are in International Great Lakes Datum 1985 Adjusted. A location map and plans are attached to this notice.

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

Plans for the work may be seen at the Office of Water Resources, Chicago Office, 160 N. LaSalle Street Suite S-703, Chicago, Illinois 60601. Inquiries and requests to review the plans may be directed to Jim Casey of the Chicago Office at (312) 793-5947 or james.casey@illinois.gov. An expanded version of the public notice can be viewed at <http://www.dnr.illinois.gov/WaterResources/Pages/PublicNotices.aspx>.

You are invited to send comments regarding the work to the Chicago Office by May 26, 2022.

April 27, 2022.



Project Title :  
 EDER / CENTRAL PARK SHOWLINE  
 Title :  
 VICINITY MAP/PROJECT LOCATION PLAN  
 Figure No. : 1  
 Date : 11 APRIL 2022  
 Scale : N.T.S.

Scale: 0' 40' 80'

Date: 11 APRIL 2022

Figure No.: 3

Title: BREAKWATER PLAN VIEW & DIMENSIONS

Project Title: ELDER / CENTENNIAL PARK SHORELINE

APPROXIMATE PROPERTY LINE

NOTE: SEE STEEL SHEET PILE PLAN FOR DIMENSIONS (PHASE TWO)

205 SHERIDAN ROAD WINNETKA, ILLINOIS

PROPERTY LINE (POST CLOSING ON EXCHANGE AGREEMENT)

PLANTING POCKET

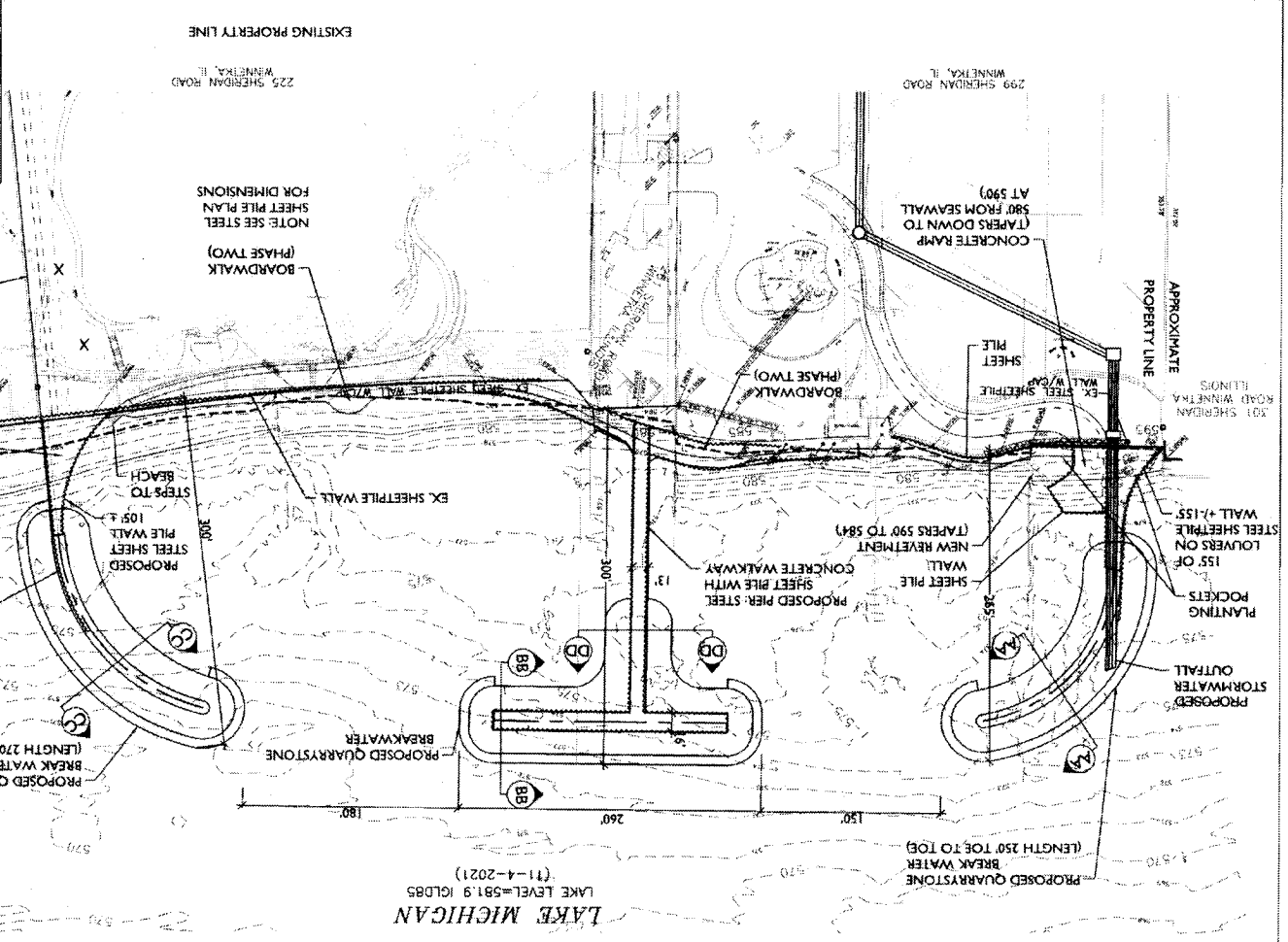
EX SHEET PILE WALL W/ CAP

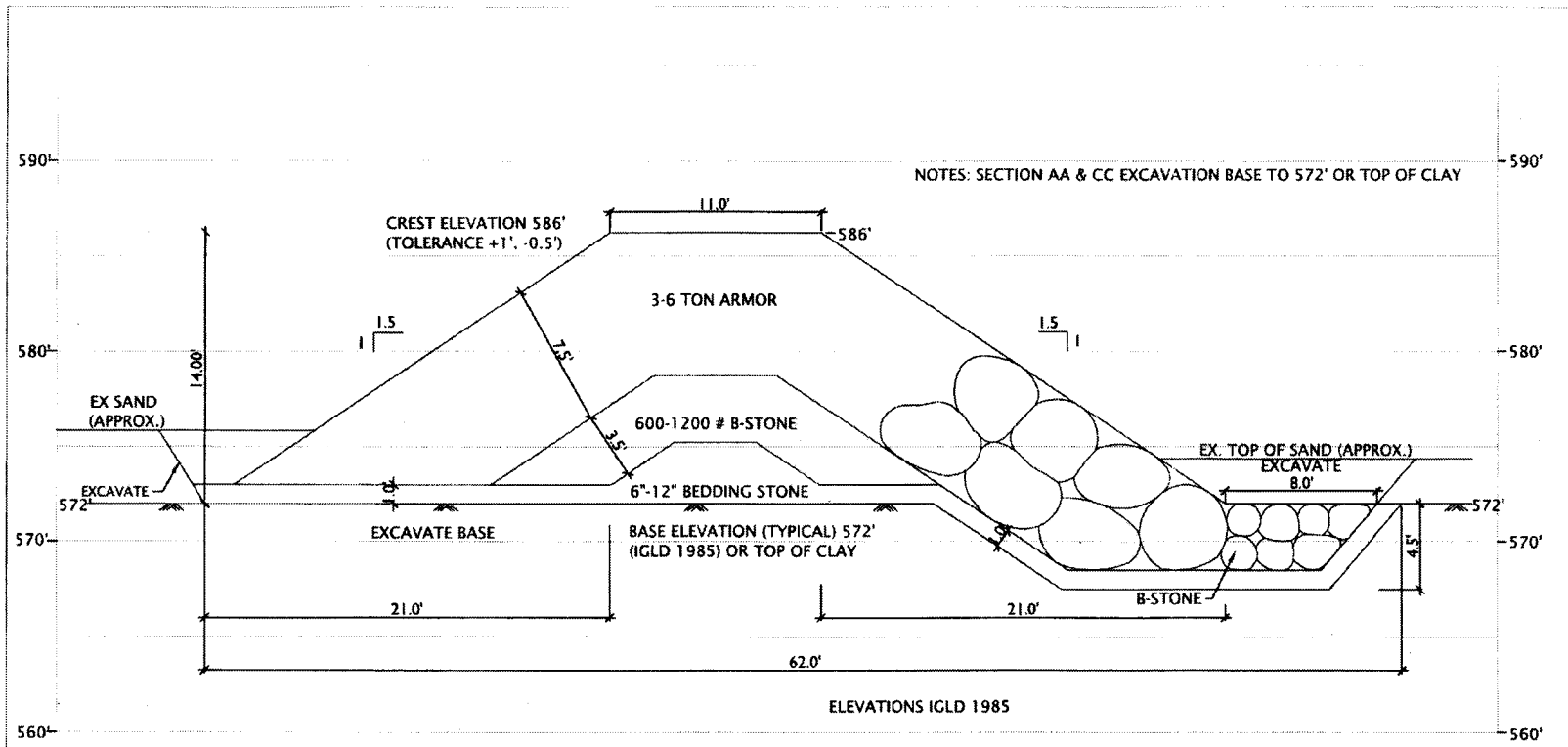
VISUAL OHW (S83)

185' LOUVERS ON SHEET PILE WALL

PROPOSED QUARRYSTONE BREAKWATER (LENGTH 270' TOE TO TOE)

DATUM: IGLD 1985





NOTES: SECTION AA & CC EXCAVATION BASE TO 572' OR TOP OF CLAY

CREST ELEVATION 586'  
(TOLERANCE +1', -0.5')

3-6 TON ARMOR

600-1200 # B-STONE

6"-12" BEDDING STONE

BASE ELEVATION (TYPICAL) 572'  
(IGLD 1985) OR TOP OF CLAY

EX. TOP OF SAND (APPROX.)  
EXCAVATE

B-STONE

ELEVATIONS IGLD 1985

AA & CC SECTION AA & CC  
FIG-3 SCALE: 0' 2.5' 5'

Project Title:	ELDER / CENTENNIAL PARK SHORELINE
Title:	SECTION AA & CC
Figure No.:	4
Date:	11 APRIL 2022
Scale:	0' 2.5' 5'



**Illinois**

DNR/Office of Water Resources  
Michael A. Bilandic Bldg.  
160 N. LaSalle Street, Suite S-703  
Chicago, IL 60601

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Winnetka Park District  
540 Hibbard Road  
Winnetka, IL 60093

061 CTCTAMB 60093



