



U.S. Army Corps
of Engineers
Buffalo District
CELRB-TD-R

Public Notice

Applicant:
Daniel Pfeiffer
Louise Milner

Published: February 22, 2019
Expires: March 25, 2019

Application No: 2018-01354
Section: OH

All written comments should reference the above Application No. and be addressed to:
**US Army Corps of Engineers, Buffalo District
Regulatory Branch (Attn:) Shawn Blohm
1100 Graham Road Circle
Stow, Ohio 44224**

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

**Application for Permit under Authority of
Section 10 of the Rivers and Harbors Act of 1899 and
Section 404 of the Clean Water Act (33 U.S.C. 1344).**

APPLICANT: Daniel Pfeiffer and Louise Milner

WATERWAY & LOCATION: Lake Erie – 7669 Salida Road, Mentor-on-the Lake, Lake County, Ohio (Sheets 1 and 2 of 10).

LATITUDE & LONGITUDE: Latitude North: 41.719536
Longitude West: -81.366028

EXISTING CONDITIONS: The project is located along the shoreline of Lake Erie. The shoreline at this location consists of moderate to steep clay slope (Sheets 3 and 4 of 10).

PROPOSED WORK: The applicant requests to discharge fill material and perform work in a water of the U.S. for the purpose of the reclamation of upland that was lost in a storm event and to perform bank stabilization along the Lake Erie shoreline. The applicant's preferred alternative is to construct 134 linear feet (LF) of armor stone revetment along the shoreline of Lake Erie with a maximum lakeward extent of 62.6 feet to repair upland that was damaged during a discrete storm event that occurred in 2018 (Sheets 5 to 6 of 10). In order to construct the armor stone revetment, 275 cubic yards (CY) of 2 to 3 ton armor stone and 3 to 5 armor stone, and 454

CY of ODOT "B" stone fill will be placed below the ordinary high water mark (OHWM) of Lake Erie, 573.4 feet International Great Lakes Datum, 1985 (IGLD 1985). Existing misaligned blocks at the site will be used as concrete rubble fill where possible to minimize the introduction of fill. An ODOT "B" stone splash apron will be placed on top of the structure to provide attenuation of waves. An earthen fill layer will be placed over the ODOT "B" stone fill splash apron above the OHWM. Two hundred and fifty six (256) CY of sand pre-fill will be placed in front of the revetment for its entire length. A concrete seawall that will be 24 feet long and 16 feet wide will be constructed to provide a stable foundation for a concrete pad that will be placed on top of the armor stone revetment. Thirty-six (36) CY of concrete fill will be placed below 573.4 feet IGLD 1985 in order to construct the concrete seawall. An existing concrete platform will be incorporated into the design.

PROJECT PURPOSE

Basic: Bank stabilization, long-term erosion control, provide lake access and the repair of upland lost during a discrete storm event.

Overall: Shoreline erosion projection and lake access at 7669 Salida Road, Mentor-on-the Lake, Lake County, Ohio.

AVOIDANCE AND MINIMIZATION INFORMATION:

For the preferred alternative, avoidance of waters of the United States (WoUS) is not practicable since this project is located along the shoreline of Lake Erie. To minimize impacts to WoUS, the armor stone used for the revetment will be placed at a 1.5:1 vertical slope. The crest elevation is set near the design water level to minimize the footprint so that less fill is required and the revetment was designed to follow the existing shoreline as closely as possible. A one-time sand prefill of 2 – CY per linear foot of shoreline stabilized will be placed at an approved location in the nearshore area in less than three feet of water for a total of 256 CY of sand prefill (Sheets 5 and 6 of 10).

The applicant has provided two alternative work plans in addition to the preferred alternative described above.

Alternative Plan 1: To construct a 196 LF concrete seawall in place of the armor stone revetment to allow for safe lake access and to allow for repair to upland that was damaged during a discrete storm event that occurred in 2018. Under Plan Alternative 1, the concrete seawall would be constructed along 196 LF of shoreline with a maximum lakeward extent of 62.5 feet and would have an elevation of approximately 585.0 feet. This alternative includes the construction of a 24 – foot long by 16 foot wide concrete pad placed on top of the armor stone revetment. In order to construct this alternative, approximately 95 CY of concrete fill and 544 CY of ODOT "B" stone fill totaling 639 CY of fill material placed below 573.4 feet IGLD, 1985. An existing concrete platform will be removed. (Sheets 7 and 8 of 10).

Alternative Plan 2: To construct 133.75 LF of an armor stone revetment that would extend

lakeward for a distance of 39 feet. In order to construct the armor stone revetment, approximately 583 CY of armor stone and ODOT "B" stone fill will be placed below 573.4 IGLD, 1985. This alternative would not include the construction of a 24 – foot long by 61 foot wide concrete pad. An existing concrete platform will remain to act as a breakwater to add to the protection of the shoreline. (Sheets 9 and 10 of 10).

PROPOSED MITIGATION:

The applicant did not propose compensatory mitigation for this proposal.

Comments or questions pertaining to the work described in this notice should be reference the Application Number and be directed to the attention of Shawn Blohm, who can be contacted at the above address, by calling 330-923-8214 (Extension 3), or by e-mail at: shawn.u.blohm@usace.army.mil A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

The applicant has certified that the proposed activity complies with Ohio's approved Coastal Zone Management Program and will be conducted in a manner consistent with that program. Any comments on the consistency of the proposed activity with Ohio's Coastal Zone Management Program should be forwarded to:

Mr. John Kessler
Ohio Department of Natural Resources
Office of Real Estate
2045 Morse Rd.
Columbus, OH 43229-6605
phone: 614-265-6621
email: john.kessler@dnr.state.oh.us

The following authorization is required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency

Based on preliminary findings, there do not appear to be any properties listed in, or eligible for listing in, the National Register of Historic Places within the permit area for the preferred alternative as shown on Sheet 5 of 10. This notice constitutes initiation of consultation with the Ohio Historic Preservation Office (SHPO) per Section 106 of the National Historic Preservation Act. All currently available historic resource information pertaining to this proposed project if any has been provided to the SHPO. Additional information concerning historic properties should be submitted to the Corps before the end of the comment period of this notice. The Corps will forward that information to the SHPO for their review.

Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Corps of Engineers is consulting, under separate cover, with the USFWS to evaluate any potential impacts to: Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), Kirtland's warbler (*Setophaga kirtlandii*), piping plover (*Charadrius melodus*), snuffbox (*Epioblasma triquetra*), rufa red knot (*Calidris canutus rufa*), and eastern massasauga (*Sistrurus catenatus*) to ensure that the proposed activity is not likely to jeopardize their continued existence or result in the destruction or adverse modification of critical habitat.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy

needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

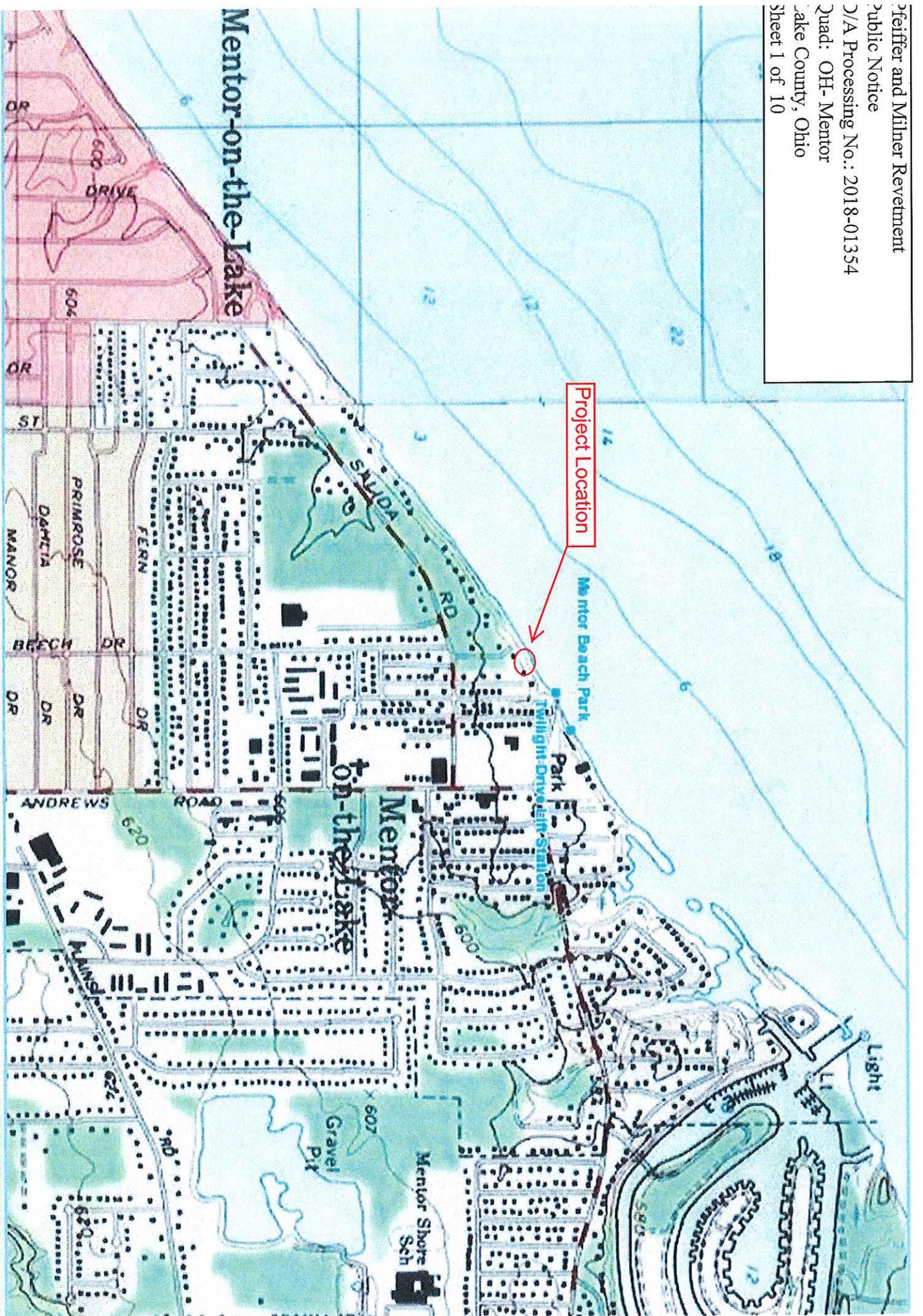
The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

SIGNED

Diane C. Kozlowski
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.

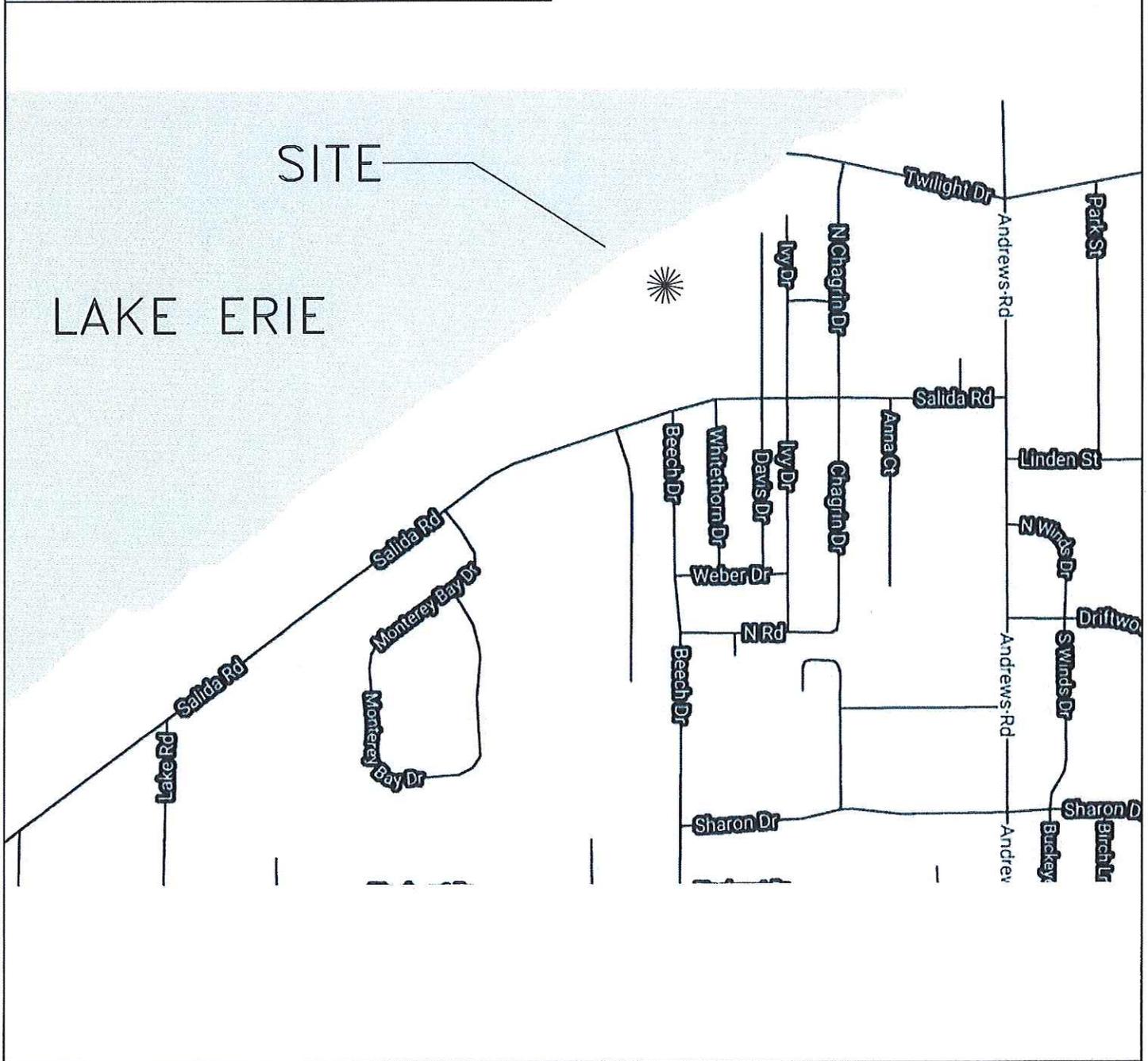
Heffer and Milner Revestment
Public Notice
D/A Processing No.: 2018-01354
Quad: OH- Mentor
Lake County, Ohio
Sheet 1 of 10



SHEET LIST

- EN-1 COVER SHEET
- EN-2 EXISTING SURVEY
- EN-3 EXISTING SECTION
- EN-4 PROPOSED PLAN
- EN-5 PROPOSED SECTION
- EN-6 ALTERNATIVE PLAN
- EN-7 ALTERNATIVE SECTION
- EN-8 ALTERNATIVE PLAN 2
- EN-9 ALTERNATIVE SECTION 2

Pfeiffer and Milner Revetment
 Public Notice
 D/A Processing No.: 2018-01354
 Quad: OH- Mentor
 Lake County, Ohio
 Sheet 2 of 10



DWG. NO.:
 EN-1
 ISSUE:
 APPL-2

DWG. TITLE:
 COVER SHEET
 LOCATION MAP

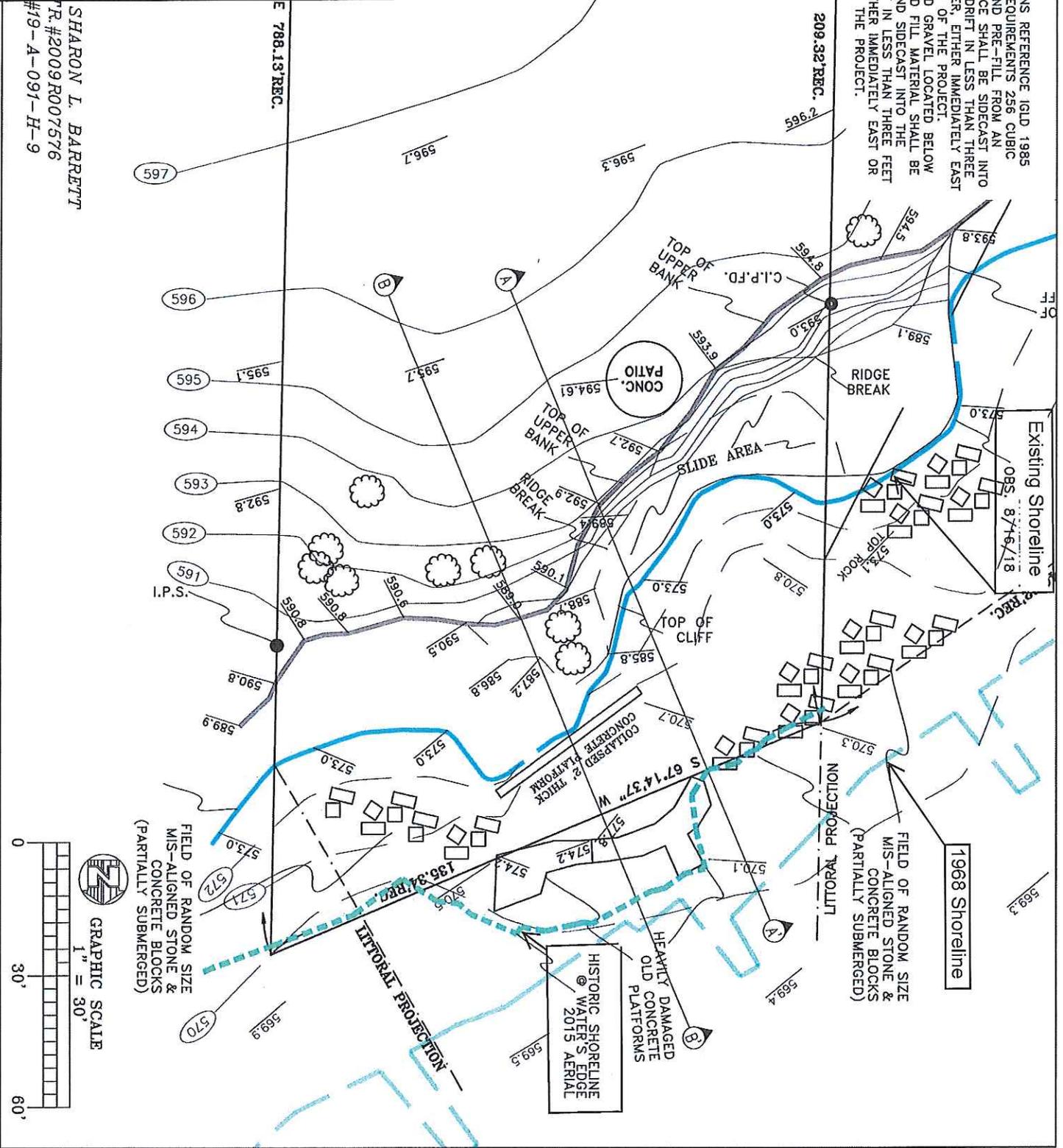
PROJECT:
 DANIEL H PFEIFFER & LOUISE D MILNER
 7889 SALIDA RD
 LOCATION
 MENTOR ON THE LAKE, OH 44080

SCALE:
 NTS
 DATE:
 12-13-18
 DRAWN BY:
 R.A.S.
 CHECKED BY:
 J.A.S.

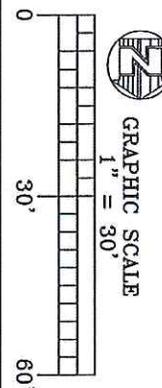
REVISIONS:
 7-8-18 9-7-18
 7-9-18 9-17-18
 7-12-18 10-11-18
 8-30-18 10-22-18
 9-8-18

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 www.etsinc.com

- GENERAL NOTES:
1. ALL ELEVATIONS REFERENCE GLD 1985
 2. PER USAGE REQUIREMENTS 256 CUBIC YARDS OF SAND PRE-FILL FROM AN UPLAND SOURCE SHALL BE SIDECAST INTO THE LITORAL DRIFT IN LESS THAN THREE FEET OF WATER, EITHER IMMEDIATELY EAST OR LAKEWARD OF THE PROJECT.
 3. ALL SAND AND GRAVEL LOCATED BELOW THE PROPOSED FILL MATERIAL SHALL BE EXCAVATED AND SIDECAST INTO THE LITORAL DRIFT IN LESS THAN THREE FEET OF WATER EITHER IMMEDIATELY EAST OR LAKEWARD OF THE PROJECT.



SHARON L. BARRETT
 P.R.#2009R007576
 #19-A-091-H-9



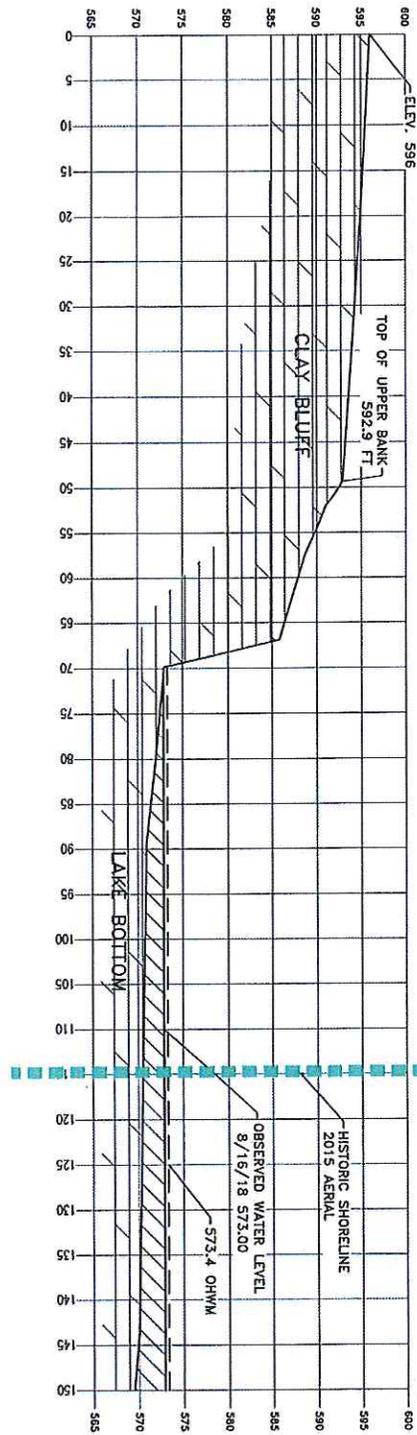
DWG. NO.:	EN-2
ISSUE:	APPL-2
OWG. TITLE:	EXISTING SURVEY

PROJECT:	DANIEL H PFEIFFER & LOUISE D MILNER	SCALE:	1"=30'
LOCATION:	MENTOR ON THE LAKE, OH 44060	DATE:	12-13-18
		DRAWN BY:	R.A.S.
		CHECKED BY:	T.S.

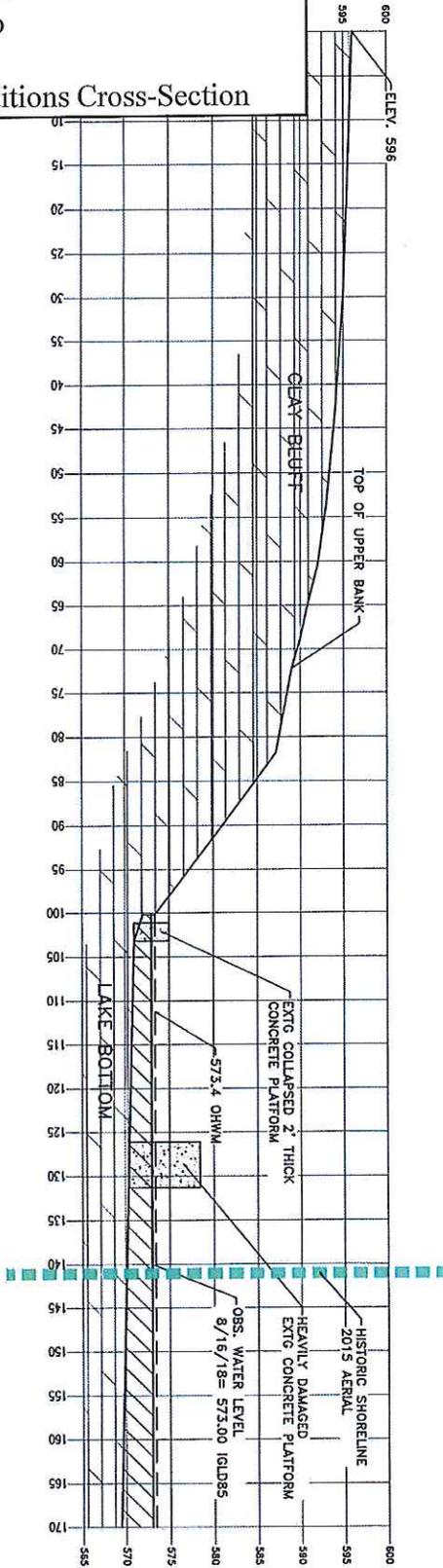
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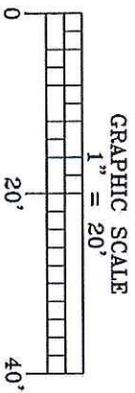
- GENERAL NOTES:
 1. A CURRENT PROFESSIONAL SURVEY IS RECOMMENDED TO ACCURATELY DETERMINE CORRECT BOUNDARY, TOPOGRAPHICAL, AND UTILITY INFORMATION. ALL INFORMATION SUPPLIED BY CLIENT IS DEEMED RELIABLE BY CLIENT.
 2. ALL ELEVATIONS REFERENCE IGLD 1985



SECTION A-A'
 SCALE: 1" = 20'



SECTION B-B'
 SCALE: 1" = 20'



DWG. NO.:
 EN-3
 ISSUE:
 APPL-2

DWG. TITLE:
 EXTG. SECTIONS

PROJECT:
 DANIEL H PFEIFFER & LOUISE D MILNER
 7669 SALIDA RD
 MENTOR OH THE LAKE, OH 44060

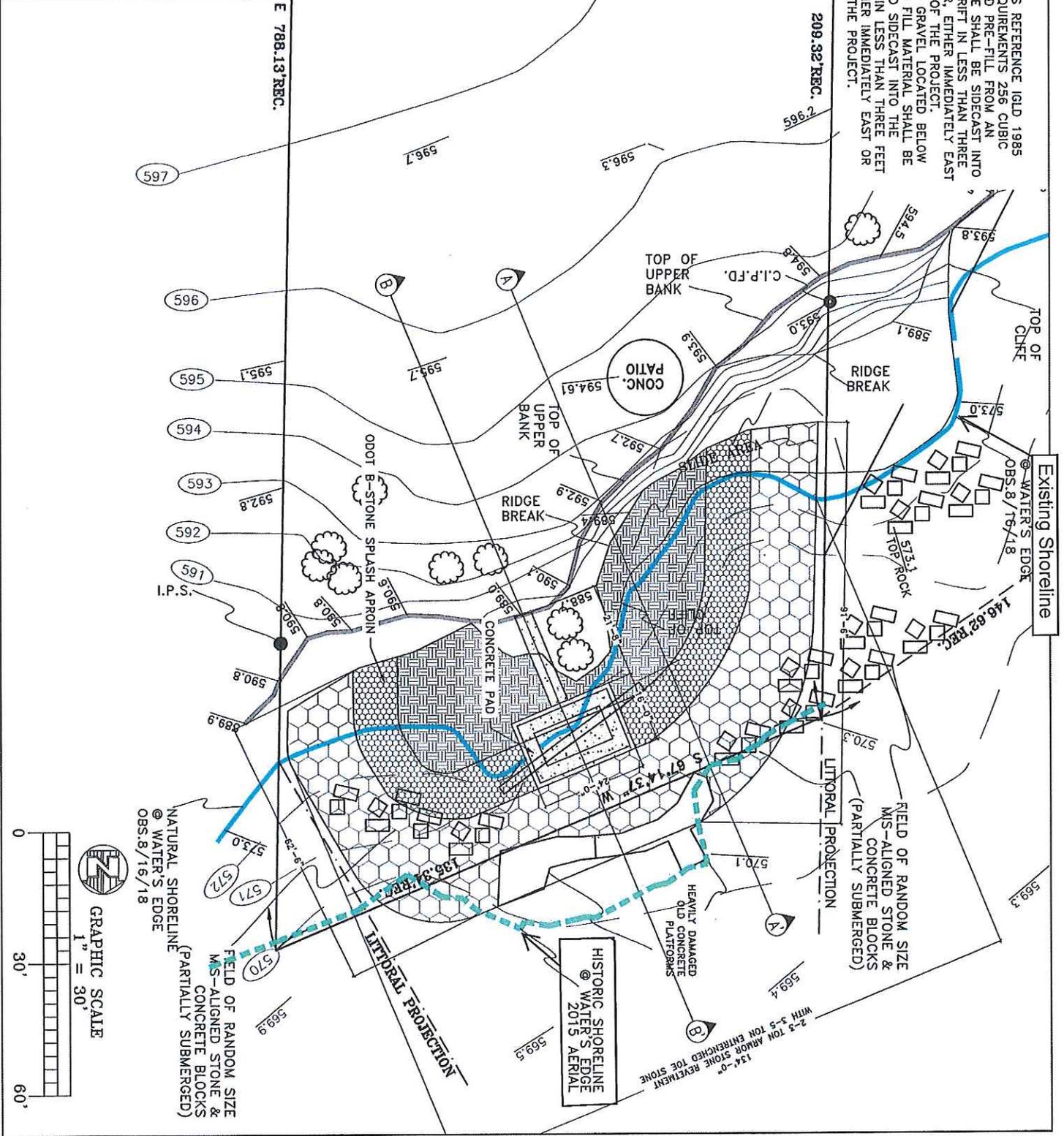
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 DATE:
 12-13-18
 DRAWN BY:
 R.A.S.
 CHECKED BY:
 T.S.

REVISIONS:	
7-6-18	9-7-18
7-9-18	9-17-18
7-12-18	10-11-18
8-30-18	10-22-18
9-6-18	

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DWG. NO.1
EN-4
 ISSUE:
APPL-2

DWG. TITLE:
PROPOSED PLAN

PROJECT:
 DANIEL H PFEIFFER & LOUISE D MILNER
 7669 SALIDA RD
 LOCATION
 MENTOR ON THE LAKE, OH 44060

SCALE: **1"=30'**
 DATE: **12-13-18**
 DRAWN BY: **R.A.S.**
 CHECKED BY: **J.A.S.**

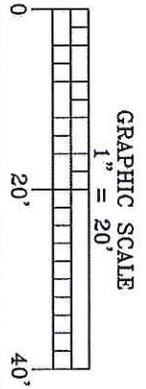
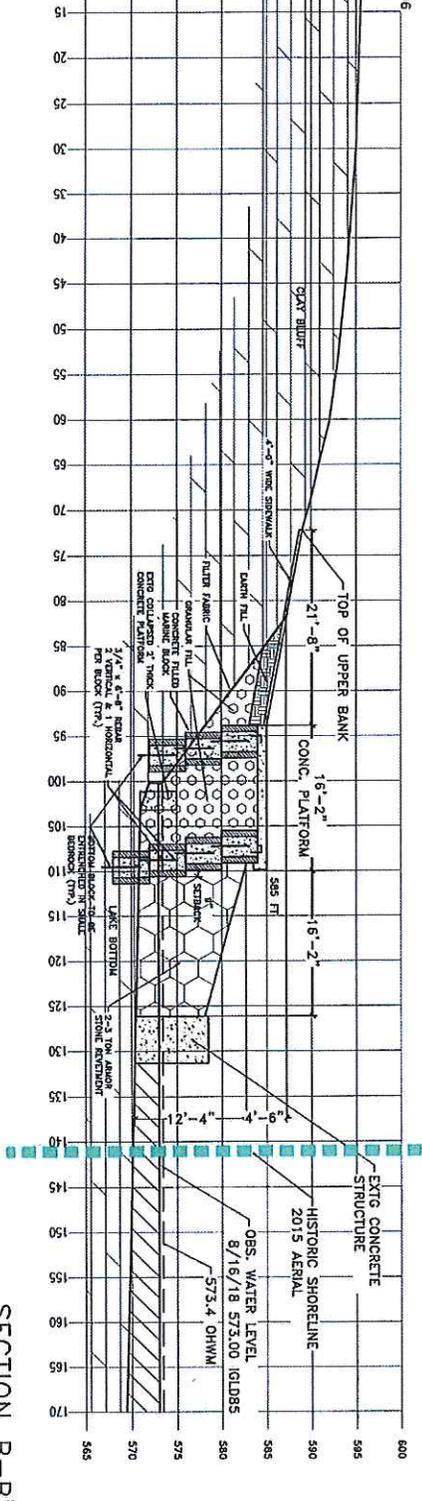
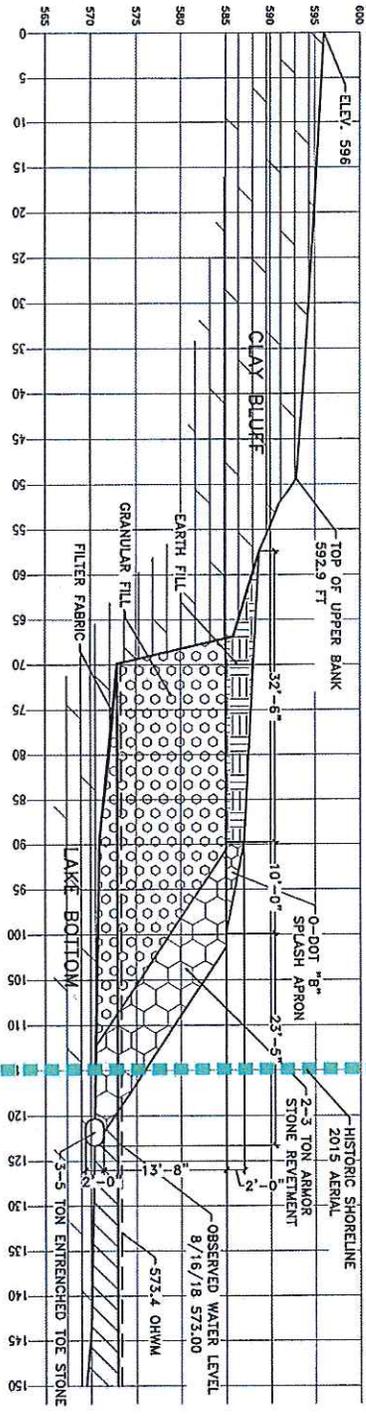
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7-12-18	10-11-18
8-30-18	10-22-18
9-6-18	

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DWG. NO.:
EN-5
 ISSUE:
APPL-2

DWG. TITLE:
PROP. SECTIONS

PROJECT:
DANIEL H PFEIFFER & LOUISE D MILNER
7669 SALIDA RD
 LOCATION
MENTOR ON THE LAKE, OH 44060

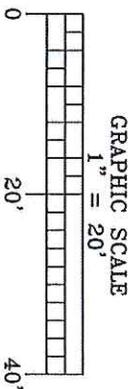
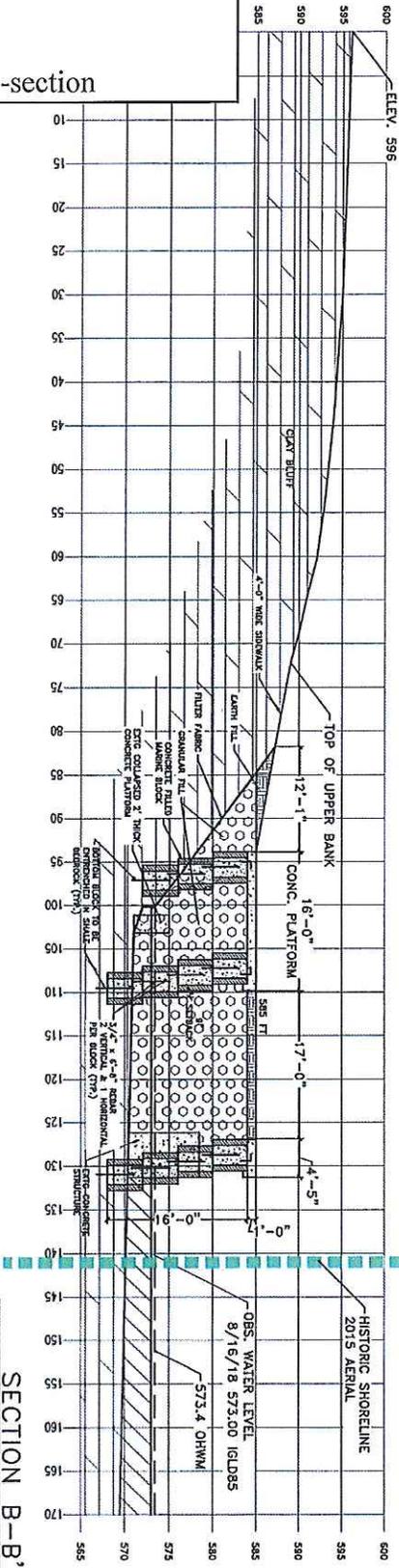
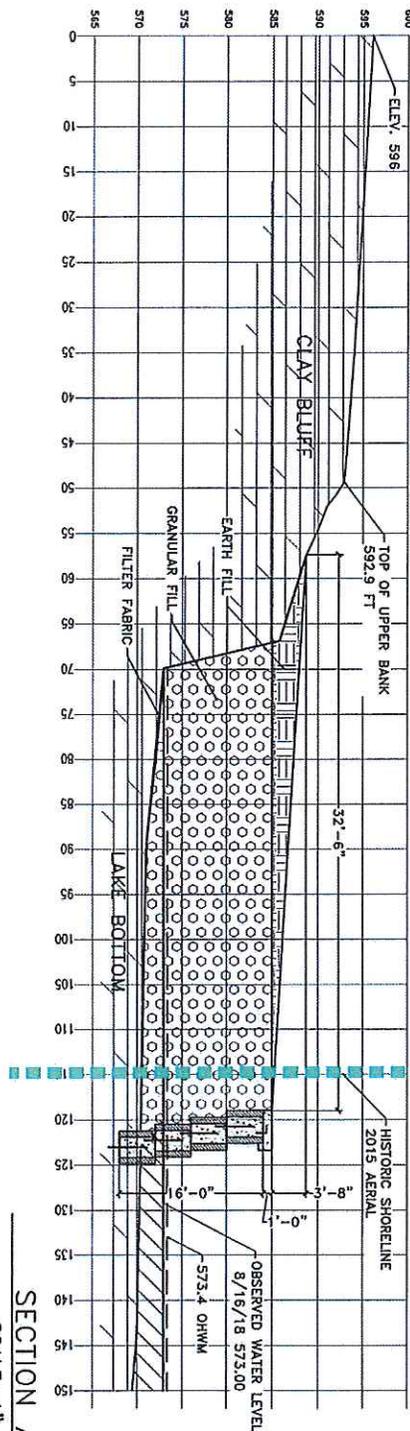
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 CHECKED BY:
J.A.S.

REVISIONS:	
7-6-18	9-7-18
7-9-18	9-17-18
7-12-18	10-11-18
8-30-18	10-22-18
9-6-18	

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DWG. NO.: EN-7
 ISSUE: APPL-2

DWG. TITLE: ALTERNATIVE SECTIONS

PROJECT: DANIEL H. PFEIFFER & LOUISE D. MILNER
 7569 SALIDA RD
 LOCATION: MENTOR ON THE LAKE, OH 44080

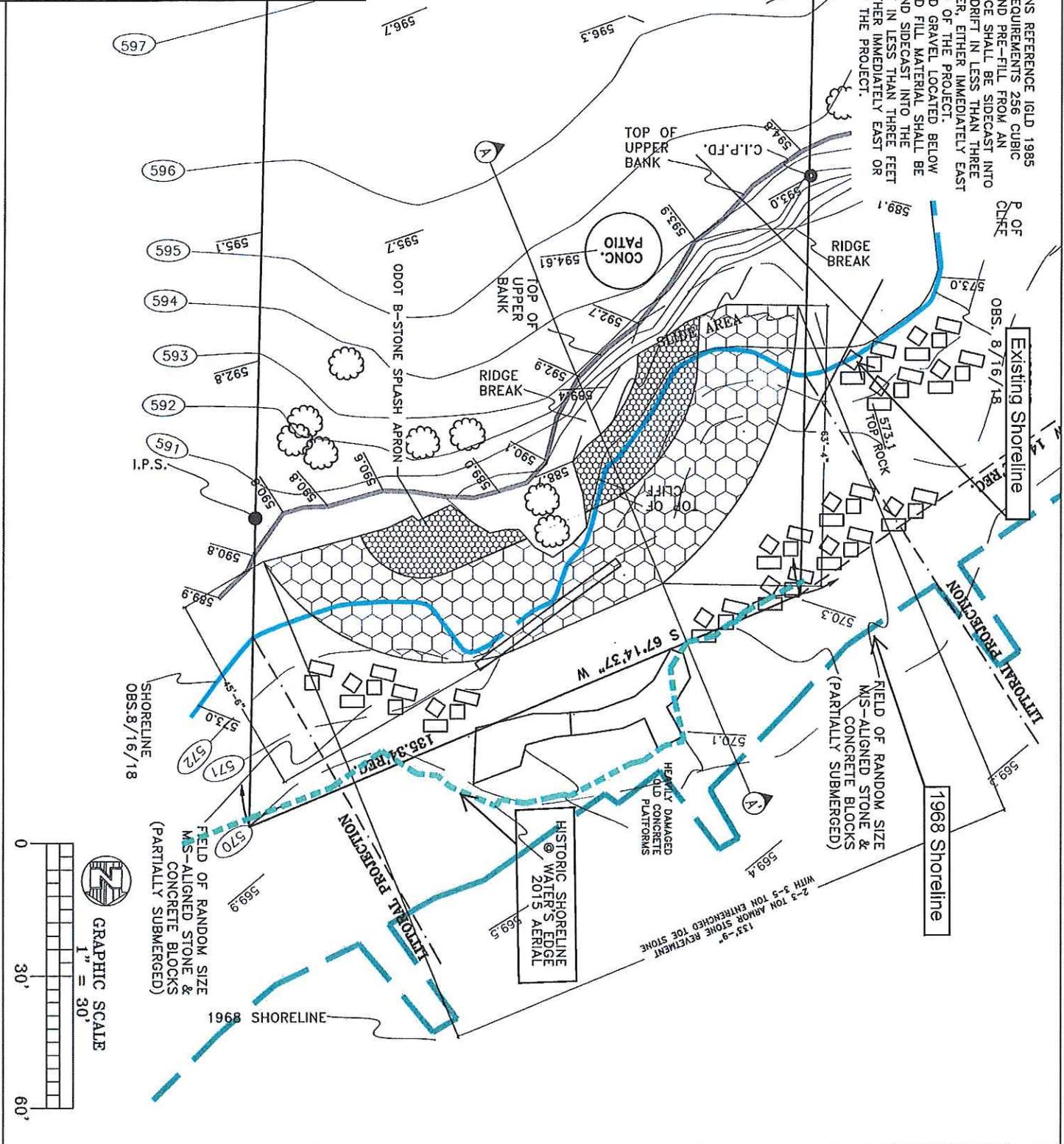
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 DRAWN BY: R.A.S.
 CHECKED BY: J.A.S.

REVISIONS:
 7-6-18 8-7-18
 7-9-18 8-17-18
 7-12-18 10-11-18
 8-30-18 10-22-18
 9-6-18

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DWG. NO.:
 EN-8
 ISSUE:
 APPL-2

DWG. TITLE:
 ALT. PLAN 2

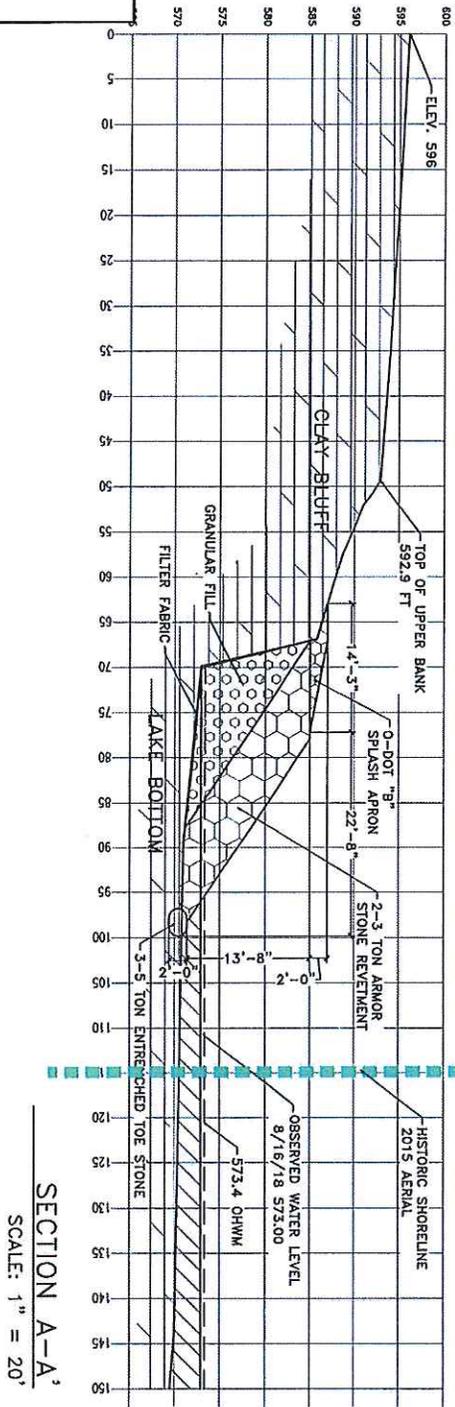
PROJECT:
 DANIEL H PFEIFFER & LOUISE D MILNER
 7669 SALIDA RD
 LOCATION
 MENTOR ON THE LAKE, OH 44060

SCALE: 1"=30'
 DATE: 12-13-18
 DRAWN BY: R.A.S.
 CHECKED BY: J.A.S.

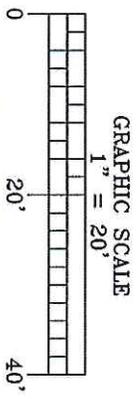
REVISIONS:
 7-6-18 9-7-18
 7-9-18 9-17-18
 7-12-18 10-11-18
 8-30-18 10-22-18
 9-6-18

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SECTION A-A'
 SCALE: 1" = 20'



DWG. NO.:
EN-9
 ISSUE:
APPL-2

DWG. TITLE:
ALTERNATIVE
SECTION 2

PROJECT:
DANIEL H PFEIFFER & LOUISE D MILNER
7669 SALIDA RD
 LOCATION
MENTOR ON THE LAKE, OH 44060

SCALE: 1"=20'
 DATE: 12-13-18
 DRAWN BY: R.A.S.
 CHECKED BY: J.A.S.

REVISIONS:	
7-6-18	9-7-18
7-9-18	9-17-18
7-12-18	10-11-18
8-30-18	10-22-18
9-6-18	

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