

**U.S. ARMY CORPS OF ENGINEERS
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT**
33 CFR 325. The proponent agency is CECW-CO-R.

OMB APPROVAL NO. 0710-0003
EXPIRES: 28 FEBRUARY 2013

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)

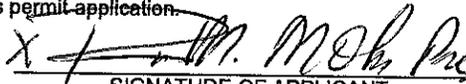
1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
--------------------	----------------------	------------------	------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

<p>5. APPLICANT'S NAME</p> <p>First - Rose Middle - M. Last - Mohr</p> <p>Company - Meridian Condominiums, Inc.</p> <p>E-mail Address - rmohr1@cox.net</p>	<p>8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required)</p> <p>First - John Middle - S. Last - Matricardi</p> <p>Company - KS Associates, Inc.</p> <p>E-mail Address - MatricardiJ@KSAssociates.com</p>
<p>6. APPLICANT'S ADDRESS:</p> <p>Address- 12550 Lake Avenue</p> <p>City - Lakewood State - Ohio Zip - 44107 Country - USA</p>	<p>9. AGENT'S ADDRESS:</p> <p>Address- 260 Burns Road, Suite 100</p> <p>City - Elyria State - Ohio Zip - 44035 Country - USA</p>
<p>7. APPLICANT'S PHONE NOs. w/AREA CODE</p> <p>a. Residence b. Business c. Fax</p> <p>440-925-4252</p>	<p>10. AGENTS PHONE NOs. w/AREA CODE</p> <p>a. Residence b. Business c. Fax</p> <p>440-365-4730 x 331 440-365-4790</p>

STATEMENT OF AUTHORIZATION

11. I hereby authorize, John Matricardi, P.E. 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.


3/27/2015
 SIGNATURE OF APPLICANT DATE
 Rose M. Mohr, President, Meridian Condominiums, Inc.

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

<p>12. PROJECT NAME OR TITLE (see instructions)</p> <p>New Armor Stone Revetment at 12550 Lake Avenue, Lakewood, Ohio</p>			
<p>13. NAME OF WATERBODY, IF KNOWN (if applicable)</p> <p>Lake Erie</p>		<p>14. PROJECT STREET ADDRESS (if applicable)</p> <p>Address 12550 Lake Avenue</p>	
<p>15. LOCATION OF PROJECT</p> <p>Latitude: °N 41d 29' 36" Longitude: °W 81d 46' 38"</p>		<p>City - Lakewood State- Ohio Zip- 44107</p>	
<p>16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)</p> <p>State Tax Parcel ID 312-08-998 Municipality Lakewood</p> <p>Section - Township - Range -</p>			

17. DIRECTIONS TO THE SITE

From Westbound I-90 take exit 166 for West 117th Street. Turn right onto West 117th Street. Turn left onto Lake Ave. Arrive at 12550 Lake Avenue on the right.

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

The proposed project includes the construction of 245 linear feet of new armor stone revetment and 490 cubic yards of sand pre-fill along the shore of the Meridian Condominiums. The armor stone revetment is to be constructed with 4 to 6-ton armor stone at a 2 horizontal to 1 vertical slope to a crest elevation of 589.0 feet IGLD 1985. The toe of the structure will be supported with new 5 to 7-ton armor stone at a minimum elevation of 564.2 feet IGLD 1985.

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

The purpose of the proposed structures is to prevent erosion of the shale bluffs at the Meridian Condominiums.

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

20. Reason(s) for Discharge

To install the armor stone and concrete rubble core for the new revetment.

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
Armor Stone: 2908 cy (975 below OHW)	Concrete rubble: 3782 cy (1390 below OHW)	Sand pre-fill: 490 cy (460 below OHW)

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

Acres 0.2741 Acres
or
Linear Feet

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

The slope and location of the armor stone revetment were selected both to protect the toe of the bluff from wave based erosion and to protect the upper portion of the bluff face from erosion by weathering. The upper portion of the bluff face will be protected by providing a crest with sufficient width to allow shale fragments and clay falling from the bluff face to collect. This will provide a sufficient covering to prevent weathering of the bluff face.

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- 12700 Lake Avenue

City - Lakewood State - Ohio Zip - 44107

b. Address- 12540 Lake Avenue

City - Lakewood State - Ohio Zip - 44107

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

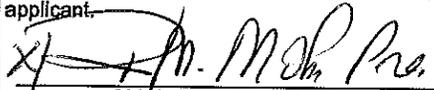
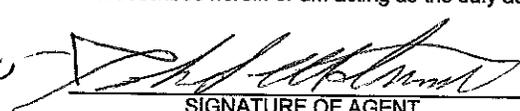
City - State - Zip -

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	Shore Structure Permit		3/25/15		
ODNR	Submerged Lands Lease		3/25/15		

* 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.

SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE
 Rose M. Mohr, President, Meridian Condominiums, Inc. John Matricardi, P.E.

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.



OHIO DEPARTMENT OF NATURAL RESOURCES

COASTAL PERMITS AND LEASE APPLICATION

Please consult the instructions prior to completing this form. Please type or print clearly using blue or black ink.

GENERAL INFORMATION

1. Property owner name: Meridian Condominiums Inc.	
2. Mailing address: 12550 Lake Avenue Lakewood, Ohio 44107	3. Home telephone number: 440-925-4252
	4. Alternate telephone number:
	5. Email address: rmohr1@cox.net
6. Authorized agent/representative name: KS Associates, Inc., ATTN: John S. Matricardi, P.E.	
7. Mailing address: 260 Burns Road, Suite 100 Elyria, Ohio 44035	8. Telephone number: 440-365-4730 Ext. 331
	9. Fax Number: 440-365-4790
	10. Email address matricardij@ksassociates.com

11. Street address: 12550 Lake Avenue, Lakewood, Ohio 44107	
12. Permanent parcel number(s): 312-08-998	
13. City or township: Lakewood	14. County: Cuyahoga
15. Site location description (if necessary): See location map.	16. Submittals (check if enclosed): <input checked="" type="checkbox"/> Location map

17. Name of adjoining shoreline property owner(s)	Street address/city/state/ zip code (include permanent mailing and local)
12700 Lake Ave Condo Assoc.	12700 Lake Avenue, Lakewood, Ohio 44107
Marine Towers West	12540 Lake Avenue, Lakewood, Ohio 44107

18. Brief description of the proposed structure or project (attach additional sheets if necessary):
 The proposed project includes the construction of 245 linear feet of new armor stone revetment and 490 cubic yards of sand pre-fill along the shore of the Meridian Condominiums. The armor stone revetment is to be constructed with 4 to 6-ton armor stone at a 2 horizontal to 1 vertical slope to a crest elevation of 589.0 feet IGLD 1985. The toe of the structure will be supported with new 5 to 7-ton armor stone at a minimum elevation of 564.2 feet IGLD 1985.

19. Anticipated start date: 7/2015	20. Anticipated finish date: 10/2015
------------------------------------	--------------------------------------

21. To apply for an authorization, check the box below and complete the application on the reverse page:

<input checked="" type="checkbox"/> Shore Structure Permit	<input checked="" type="checkbox"/> Submerged Lands Lease	<input type="checkbox"/> Coastal Erosion Area Permit
<input type="checkbox"/> Shore Structure Permit Modification	<input type="checkbox"/> Submerged Lands Lease Modification	<input checked="" type="checkbox"/> Consistency Statement

AGENCY USE ONLY					
Application Reference #:		Date Received:			
Lease Reference #:	This copy to:	<input type="checkbox"/> SSP	<input type="checkbox"/> SLL	<input type="checkbox"/> CEA	<input type="checkbox"/> Other

SHORE STRUCTURE PERMIT APPLICATION

§1506.40 ORC

1. Professional Engineer: John S. Matricardi, P.E.		2. Ohio registration number: 044003
3. Mailing address: KS Associates, Inc. 260 Burns Road, Suite 100 Elyria, Ohio 44035	4. Phone number: 440-365-4730 Ext. 331	7. Submittals (check if enclosed) <input checked="" type="checkbox"/> Construction drawings (by professional engineer) <input checked="" type="checkbox"/> Design information
	5. Fax number: 440-365-4790	
	6. Email address: matricardij@ksassociates.com	

SUBMERGED LANDS LEASE APPLICATION

§1506.11 ORC

1. Total Area of Submerged Lands to be Occupied: 12,204 square feet (0.2802 acre)	
2. Upland deed recording information [Deed book] Volume 13629 [Deed page] Page 305	
3. Local Authority Issuing Resolution: City of Lakewood	Date issued: To be submitted
4. Was any Portion of the Structure Erected in Lake Erie Prior to October 13, 1955?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Brief Explanation of the Purpose of the Structure or Project (<i>attach additional sheets if necessary</i>): The purpose of the proposed structure is to prevent erosion of the shale bluff at the Meridian Condominiums.	6. Submittals (check if enclosed): <input checked="" type="checkbox"/> Construction drawings <input checked="" type="checkbox"/> Copy of title deed <input checked="" type="checkbox"/> Metes & bounds description and plat <input type="checkbox"/> Local resolution or ordinance To be submitted <input checked="" type="checkbox"/> Legal documentation of signature authority

COASTAL EROSION AREA PERMIT APPLICATION

§1506.07 ORC

1. Authorization Type:	<input type="checkbox"/> Existing	<input type="checkbox"/> New Measure	Date Built (if existing):
2. Upland deed recording information [Deed book]		[Deed page]	
3. Construction start date for the building or addition:			
4. Brief description of the building or addition (<i>attach additional sheets if necessary</i>):		5. Submittals (check if enclosed): <input type="checkbox"/> Construction drawings <input type="checkbox"/> Permanent structure drawings <input type="checkbox"/> Copy of title deed <input type="checkbox"/> Construction schedule <input type="checkbox"/> Design information	

SIGNATURE AND CONSISTENCY STATEMENT

§1506.03 ORC

I certify that the proposed activity identified in this application shall comply with Ohio's approved Coastal Management Program and will be conducted in a manner consistent with such program (15 CFR 930.57 and ORC 1506.03).

I do additionally certify that I am familiar with the information contained in this application and, to the best of my knowledge and belief, such information is true, complete and accurate.

	
--	---

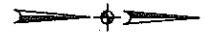
Signature of Property Owner or Authorized Agent

Date

Rose M. Mohr, President, Meridian Condominiums, Inc.

Application page 2 of 2

MAIL TO: Ohio DNR Office of Coastal Management, 105 West Shoreline Drive, Sandusky OH 44870

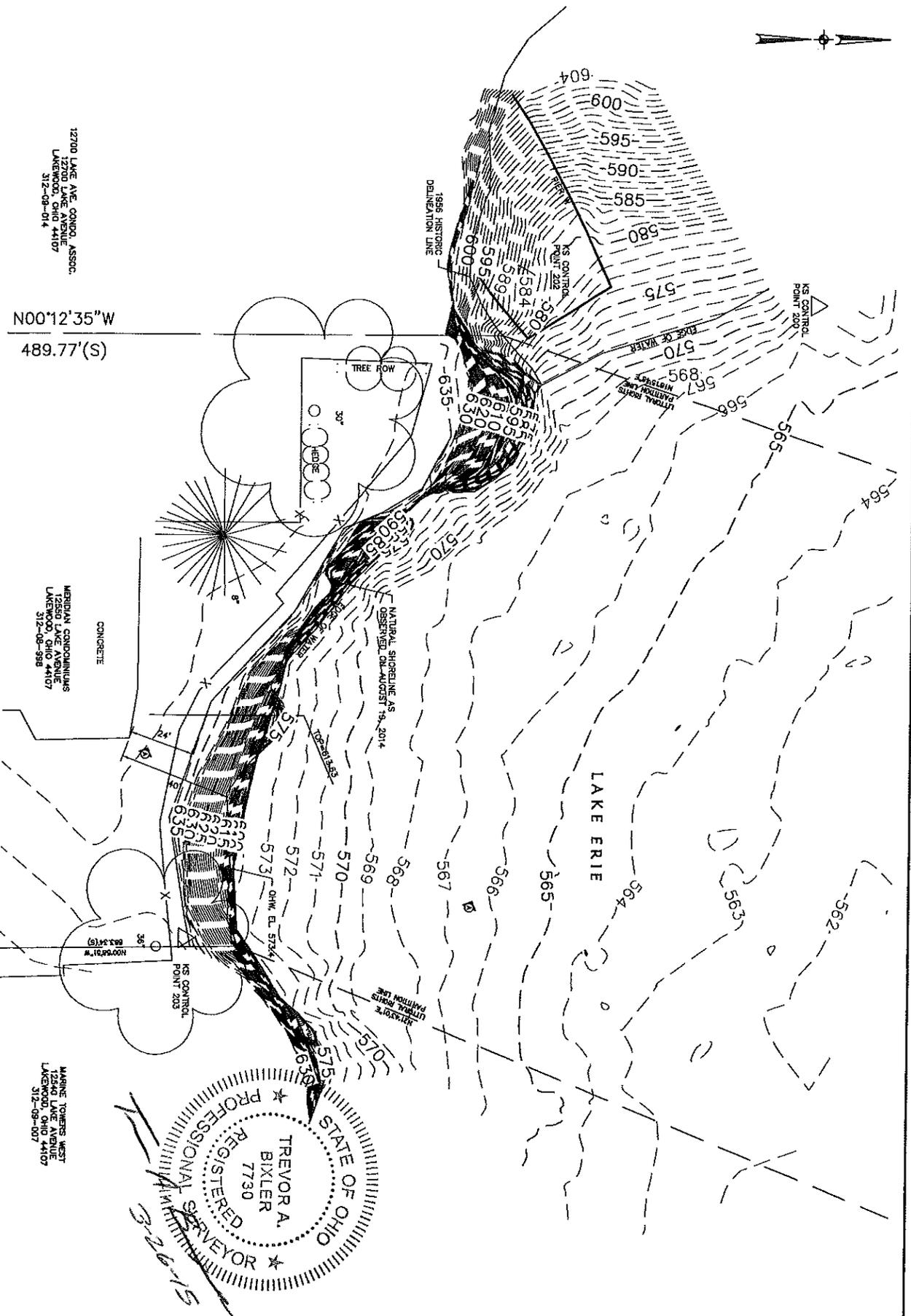


SURVEYOR'S NOTES

1. The basis of bearings for this survey is Ohio State Plane, North Zone NAD83(2011) Grid North based on GPS observations performed on August 19, 2014.
2. Vertical datum is IGLD85.
3. Pertinent records used are as shown hereon.

12700 LAKE AVE. CONDO. ASSOC.
12700 LAKE AVENUE
LAKEWOOD, OHIO 44107
312-09-014

N00°12'35"W
489.77'(S)



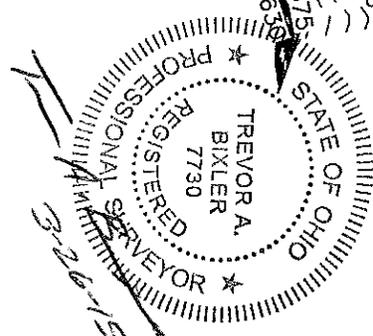
EXISTING SITE PLAN



SCALE IN FEET
SCALE 1"=50'

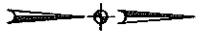
MERIDIAN CONDOMINIUMS
12550 LAKE AVENUE
LAKEWOOD, OHIO 44107
312-09-998

MARINE TOWERS WEST
12540 LAKE AVENUE
LAKEWOOD, OHIO 44107
312-09-007



4. This map and the survey on which it is based have been prepared without the benefit of a title report and are not intended to reflect all easements, encumbrances, or other circumstances affecting the title to the property shown hereon.
5. This map is not intended to represent a complete boundary survey.
6. 1993 historic shoreline and top of bluff from Matrix Engineering erosion study dated September 13, 1993.

SHEET 2 OF 5 JOB NO. 15033	EXISTING SITE PLAN MERIDIAN CONDOMINIUMS 12550 LAKE AVENUE LAKEWOOD, OHIO 44104	KS ASSOCIATES KS Associates, Inc. 260 Burns Road, Suite 100 Elyria, OH 44035 P 440 365 4730 F 440 365 4790 www.ksassociates.com	DATE: 03-20-2015 DRAWN BY: JPC QRD BY: JEM DWG NAME: 15033-2 PATH: P.L.:	DATE BY REVISIONS	ADJACENT PROPERTY OWNERS 12700 LAKE AVE. CONDO ASSOCIATION 12700 LAKE AVENUE, LAKEWOOD, OHIO 44107 MARINE TOWERS WEST 12540 LAKE AVENUE, LAKEWOOD, OHIO 44107 DATUM: 0.0 LWD = 569.2 FEET IGLD 1985
			DATE: 03-20-2015 DRAWN BY: JPC QRD BY: JEM DWG NAME: 15033-2 PATH: P.L.:	DATE BY REVISIONS	ADJACENT PROPERTY OWNERS 12700 LAKE AVE. CONDO ASSOCIATION 12700 LAKE AVENUE, LAKEWOOD, OHIO 44107 MARINE TOWERS WEST 12540 LAKE AVENUE, LAKEWOOD, OHIO 44107 DATUM: 0.0 LWD = 569.2 FEET IGLD 1985

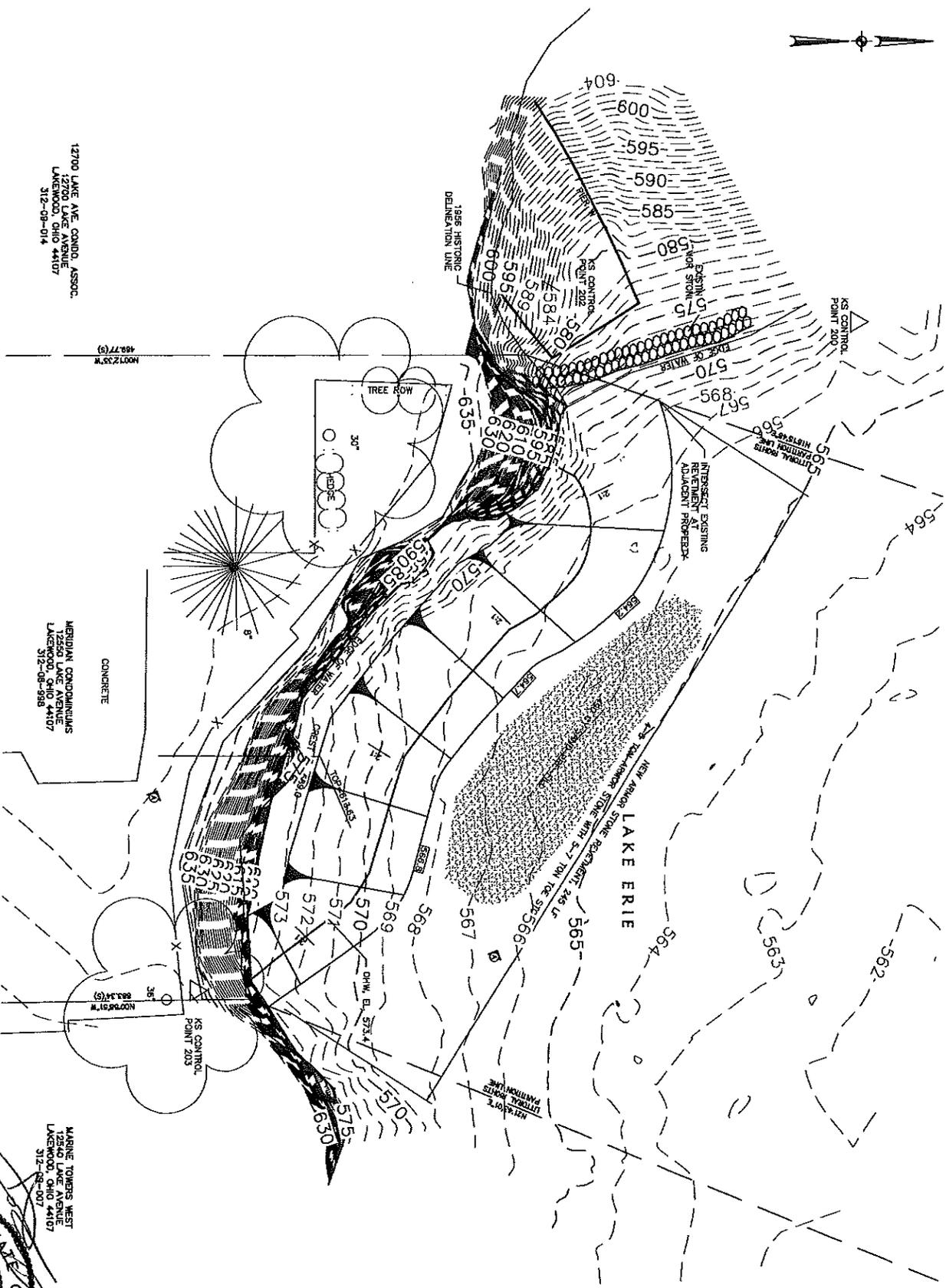


- NOTES**
1. VERTICAL DATUM IS IGLD 1985.
 2. ALL SAND AND GRAVEL IN THE FOOTPRINT OF THE STRUCTURE SHALL BE EXCAVATED AND SIDECAST LAKEWARD.

12700 LAKE AVE. CONDO. ASSOC.
 12700 LAKE AVENUE
 LAKEWOOD, OHIO 44107
 312-08-014

MERIDIAN CONDOMINIUMS
 12550 LAKE AVENUE
 LAKEWOOD, OHIO 44107
 312-08-958

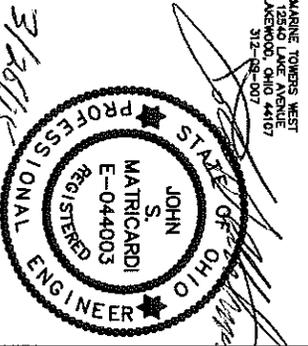
MARINE TOWERS WEST
 12540 LAKE AVENUE
 LAKEWOOD, OHIO 44107
 312-08-007



SITE PLAN



SCALE IN FEET
 SCALE 1"=50'



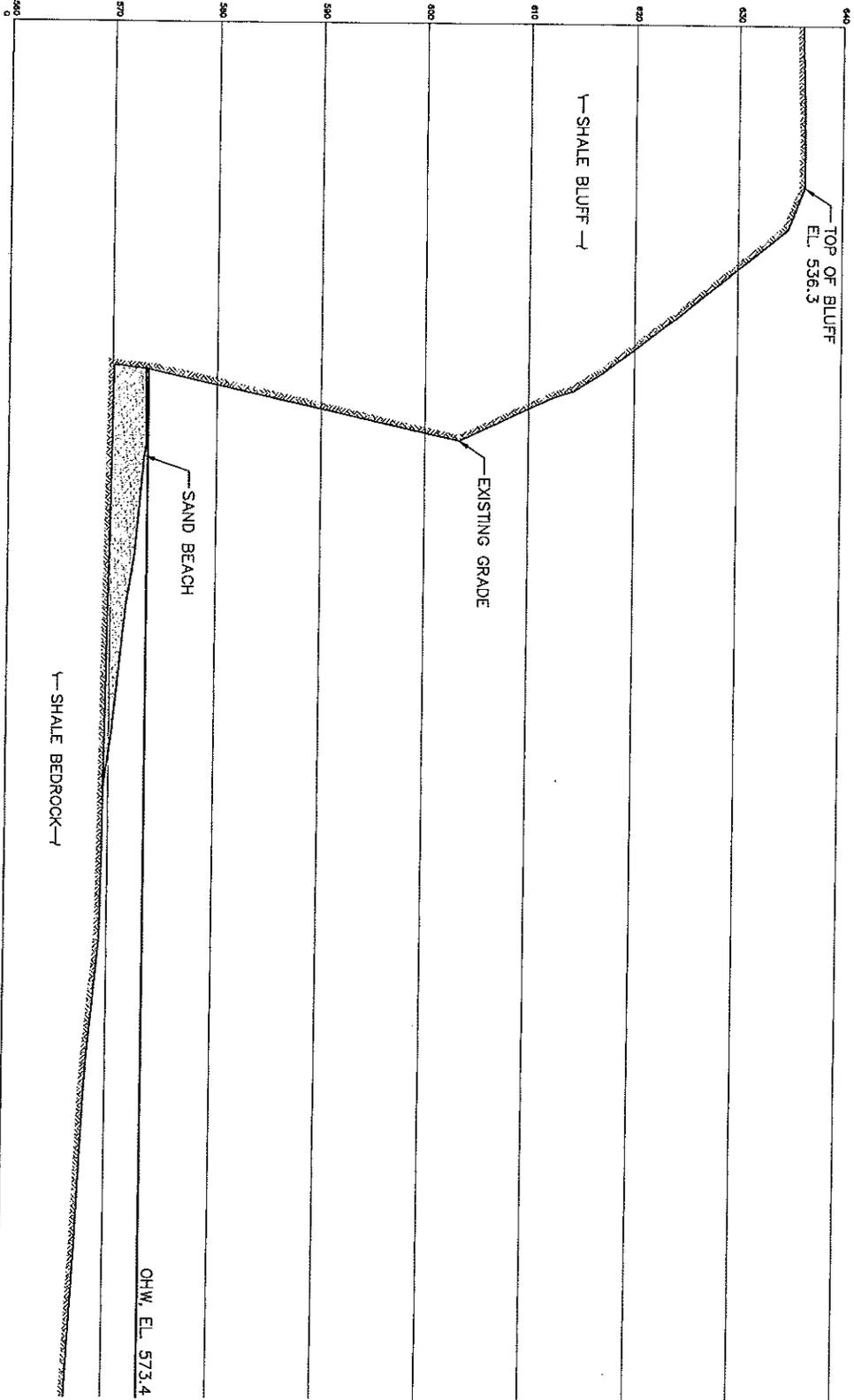
SITE PLAN
MERIDIAN CONDOMINIUMS
 12550 LAKE AVENUE
 LAKEWOOD, OHIO 44104

KS KS Associates, Inc.
 260 Burns Road, Suite 100
 Elyria, OH 44035
 P 440 365 4730
 F 440 365 4790
 www.ksassociates.com

DATE:	03-20-2015
DRAWN BY:	MS
CHECKED BY:	MS
DATE:	03/20/15
DESIGNED BY:	
DATE:	

DATE	BY	ADJACENT PROPERTY OWNERS
		12700 LAKE AVE. CONDO ASSOCIATION 12700 LAKE AVENUE, LAKEWOOD, OHIO 44107
		MARINE TOWERS WEST 12540 LAKE AVENUE, LAKEWOOD, OHIO 44107
DATUM: 0.0 LWD = 569.2 FEET IGLD 1985		

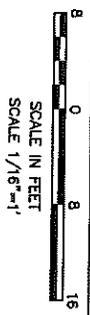
JOB NO.	15033
SHEET	3
OF	5



NOTES

1. VERTICAL DATUM IS IGLD 1985.
2. ALL SAND AND GRAVEL IN THE FOOTPRINT OF THE STRUCTURE SHALL BE EXCAVATED AND SIDECAST LAKEWARD.

EXISTING SECTION A-A



3/26/15

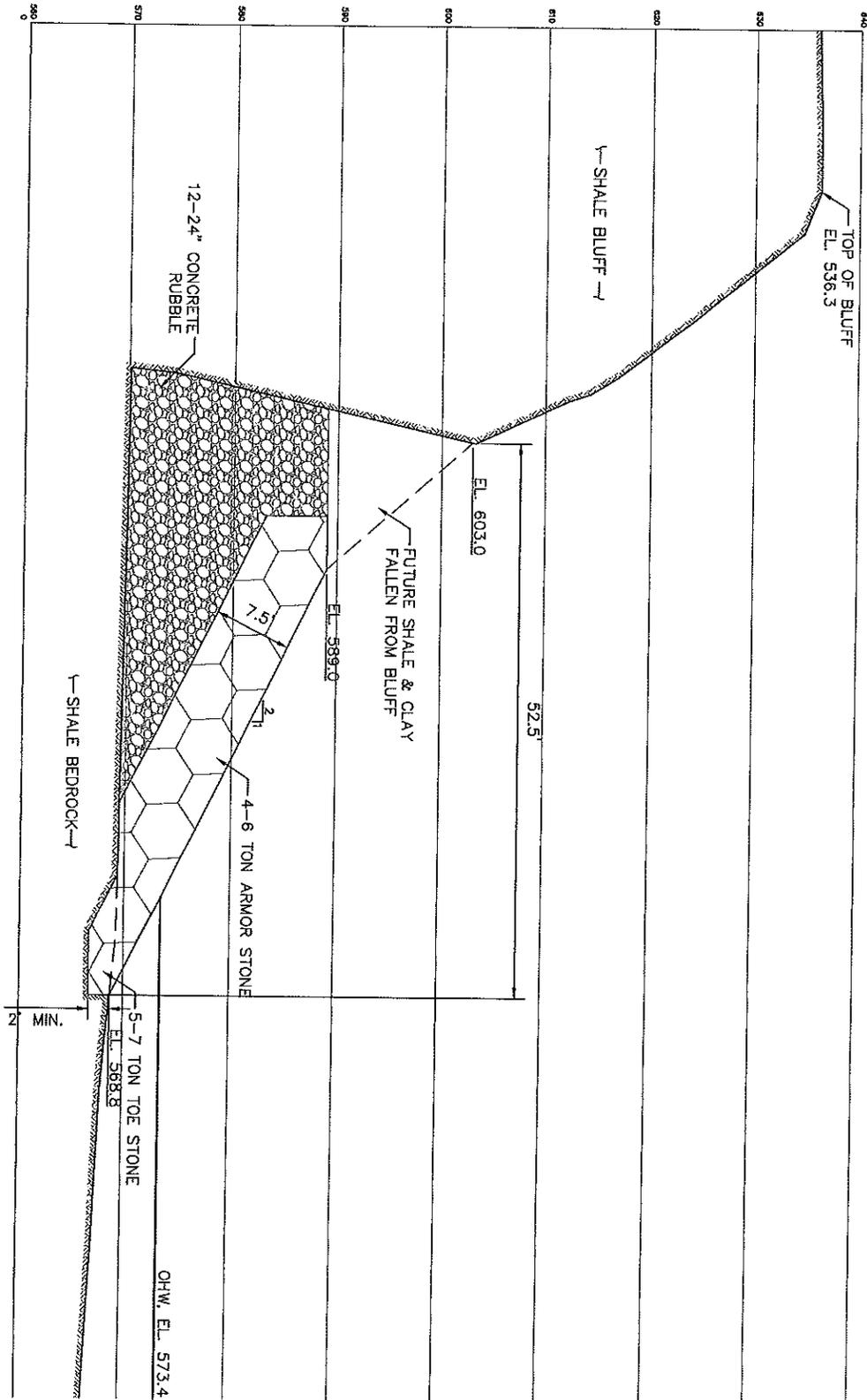
SECTION A-A, EXISTING
MERIDIAN CONDOMINIUMS
12550 LAKE AVENUE
LAKEWOOD, OHIO 44104

KS ASSOCIATES
KS Associates, Inc.
260 Burrs Road, Suite 100
Elyria, OH 44035
P 440 365 4730
F 440 365 4790
www.ksassociates.com

DATE:	03-20-2015
DRAWN BY:	MS
CHECKED BY:	JM
DRAWN NAME:	16033-4
PAGE:	
FA:	

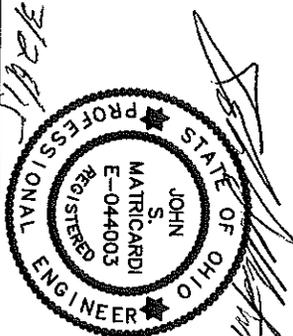
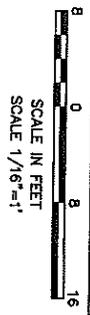
REVISIONS	DATE	BY	ADJACENT PROPERTY OWNERS
			12700 LAKE AVE. CONDO ASSOCIATION
			12700 LAKE AVENUE, LAKEWOOD, OHIO 44107
			MARINE TOWERS WEST
			12540 LAKE AVENUE, LAKEWOOD, OHIO 44107
			DATUM: 0.0 LWD = 569.2 FEET IGLD 1985

SHEET 4 OF 5
JOB NO. 16033



NOTES
 1. VERTICAL DATUM IS (GLD 1985).
 2. ALL SAND AND GRAVEL IN THE FOOTPRINT OF THE STRUCTURE SHALL BE EXCAVATED AND SIDECAST LAKEWARD.

SECTION A-A



SECTION A-A
MERIDIAN CONDOMINIUMS
 12550 LAKE AVENUE
 LAKEWOOD, OHIO 44104

KS ASSOCIATES
 KS Associates, Inc.
 260 Burns Road, Suite 100
 Elyria, OH 44035
 P 440 365 4730
 F 440 365 4790
 www.ksassociates.com

DATE:	03-20-2014
DRAWN BY:	MPC
CHECKED BY:	JEN
DATE PLOTTED:	10/23/13
PLOT:	
FILE:	

REVISIONS	DATE	BY	ADJACENT PROPERTY OWNERS
			12700 LAKE AVE. CONDO ASSOCIATION
			12700 LAKE AVENUE, LAKEWOOD, OHIO 44107
			MARINE TOWERS WEST
			12540 LAKE AVENUE, LAKEWOOD, OHIO 44107
			DATUM: G.O LWD = 569.2 FEET IGLD 1985

SHEET 5 OF 5
 JOB NO. 15033