



COASTAL & ESTUARINE RESEARCH, INC.

Marine Studies Complex
P.O. Box 674
Lewes, Delaware 19958
302-645-9610

April 23, 2020

Tyler Brown
Wetlands and Subaqueous Lands Section, DNREC
89 Kings Highway
Dover, DE 19901

Dear Tyler:

Attached is a DNREC Wetlands and Subaqueous Lands Section Basic Permit Application and Appendix A (Boat Docking Facilities, 1-4 slips), submitted on behalf of Matthew Eisenmann (applicant) for extension of an existing 70' x 4' pier adjacent to Herring Creek at 34477 Skyler Drive, Lot 48, The Villages at Herring Creek, Lewes, Sussex County, Delaware (Tax Map Parcel #2-34-18.00-381.00) by adding a ~~10' x 4' fixed pier, a 10' x 3' gangway, and a 25' x 6' floating pier.~~ 12'x6' floating pier and a boat lift and a 45'x4' fixed pier. Purpose is to provide sufficient navigable water depths at all tide stages. The existing structure is authorized by SL-144/07, Harold Dukes, Jr., lessee (copy attached). SU-223/10 (also attached) allows the owners of Lots 49 and 50 to use the existing pier; a copy of the Agreement of Easement is also attached.

I would like to request a new Subaqueous Lands Lease in the applicant's name. I would also like to note that the addition will be for use by the applicant only; SU-223/10 and the easement will not apply to the new structure. Mr. Eisenmann will mail checks for the application fee (\$225.00) and public notice fee (\$85.00) to your office.

Please feel free to contact me if you have any questions, or require additional information. Thank you.

Sincerely,

Evelyn M. Maurmeyer, Ph. D.

Enclosures

cc: Matthew Eisenmann, applicant

Section 1: Applicant Identification

1. Applicant's Name: Matthew D. Eisenmann
 Mailing Address: 18539 Rose Court
Lewes DE 19958

Telephone #: (540) 303-0643
 Fax #: _____
 E-mail: Matt.Eisenmann@bostonbeer.com

2. Consultant's Name: Evelyn Maurmeyer
 Mailing Address: PO Box 674
Lewes, DE 19958

Company Name: CER, Inc.
 Telephone #: (302) 645-9610
 Fax #: (302) 645-4332
 E-mail: maurmeye@udel.edu

3. Contractor's Name: Not yet selected
 Mailing Address: _____

Company Name: _____
 Telephone #: _____
 Fax #: _____
 E-mail: _____

Section 2: Project Description

4. Check those that apply:
 New Project/addition to existing project? Repair/Replace existing structure? (If checked, must answer #16)

5. Project Purpose (attach additional sheets as necessary):
Applicant proposes to extend an existing 70' x 4' pier by adding
a 10' x 4' fixed pier, a 10' x 3' gangway, and a 25' x 6' floating pier.
45'x4' fixed pier, a 12'x6' floating pier and a boat lift.

6. Check each Appendix that is enclosed with this application:

<input checked="" type="checkbox"/> A. Boat Docking Facilities	<input type="checkbox"/> G. Bulkheads	<input type="checkbox"/> N. Preliminary Marina Checklist
<input type="checkbox"/> B. Boat Ramps	<input type="checkbox"/> H. Fill	<input type="checkbox"/> O. Marinas
<input type="checkbox"/> C. Road Crossings	<input type="checkbox"/> I. Rip-Rap Sills and Revetments	<input type="checkbox"/> P. Stormwater Management
<input type="checkbox"/> D. Channel Modifications/Dams	<input type="checkbox"/> J. Vegetative Stabilization	<input type="checkbox"/> Q. Ponds and Impoundments
<input type="checkbox"/> E. Utility Crossings	<input type="checkbox"/> K. Jetties, Groins, Breakwaters	<input type="checkbox"/> R. Maintenance Dredging
<input type="checkbox"/> F. Intake or Outfall Structures	<input type="checkbox"/> M. Activities in State Wetlands	<input type="checkbox"/> S. New Dredging

Section 3: Project Location

7. Project Site Address: _____
34477 Skyler Drive, Lot 48
Lewes DE 19958

County: N.C. Kent Sussex
 Site owner name (if different from applicant): same
 Address of site owner: _____

8. Driving Directions: See Figures 1, 2, and 3 for maps and directions

(Attach a vicinity map identifying road names and the project location)

9. Tax Parcel ID Number: #2-34-18.00-381.00 Subdivision Name: The Villages at Herring Creek

WSLS Use Only:	Permit #s: _____
Type	SP <input type="checkbox"/> SL <input type="checkbox"/> SU <input type="checkbox"/> WE <input type="checkbox"/> WQ <input type="checkbox"/> LA <input type="checkbox"/> SA <input type="checkbox"/> MP <input type="checkbox"/> WA <input type="checkbox"/>
Corps Permit: SPGP 18 <input type="checkbox"/> 20 <input type="checkbox"/> Nationwide Permit #: _____	Individual Permit #: _____
Received Date: _____	Project Scientist: _____
Fee Received? Yes <input type="checkbox"/> No <input type="checkbox"/> Amt: \$ _____	Receipt #: _____
Public Notice #: _____	Public Notice Dates: ON _____ OFF _____

Section 3: Project Location (Continued)

10. Name of waterbody at Project Location: Herring Creek Waterbody is a tributary to: Rehoboth Bay
11. Is the waterbody: Tidal Non-tidal Waterbody width at mean low or ordinary high water 1,300' +
12. Is the project: On public subaqueous lands? On private subaqueous lands?*
- In State-regulated wetlands? In Federally-regulated wetlands?

*If the project is on private subaqueous lands, provide the name of the subaqueous lands owner:

(Written permission from the private subaqueous lands owner must be included with this application)

13. Present Zoning: Agricultural Residential Commercial Industrial Other

Section 4: Miscellaneous

14. A. List the names and complete mailing addresses of the immediately adjoining property owners on all sides of the project (attach additional sheets as necessary):

See Figure 3

- B. For wetlands and marina projects, list the names and complete mailing addresses of property owners within a 1,000 foot radius of the project (attach additional sheets as necessary):

n/a

15. Provide the names of DNREC and/or Army Corps of Engineers representatives whom you have discussed the project with: Tyler Brown, WSLs, DNREC: Discussions with applicant and agent.

- A. Have you had a State Jurisdictional Determination performed on the property? Yes No
- B. Has the project been reviewed in a monthly Joint Permit Processing Meeting? Yes No

*If yes, what was the date of the meeting? _____

16. Are there existing structures or fill at the project site in subaqueous lands? Yes No

*If yes, provide the permit and/or lease number(s):

SL-144/07; SU-223/10 (Harold Dukes, Jr., lessee)

*If no, were structures and/or fill in place prior to 1969? Yes No

17. Have you applied for or obtained a Federal permit from the Army Corps of Engineers? No Pending Issued Denied Date: _____

Type of Permit: SPGP-20 eligibility Federal Permit or ID #: _____

18. Have you applied for permits from other Sections within DNREC? No Pending Issued Denied Date: _____ Permit or ID #: _____

Type of permit (circle all that apply): Septic Well NPDES Storm Water

Other: _____

Section 5: Signature Page

19. Agent Authorization:

If you choose to complete this section, all future correspondence to the Department may be signed by the duly authorized agent. In addition, the agent will become the primary point of contact for all correspondence from the Department.

I do not wish to authorize an agent to act on my behalf

I wish to authorize an agent as indicated below

I, Matthew Eisenmann, hereby designate and authorize Evelyn Maurmeyer, CER, Inc.
 (Name of Applicant) (Name of Agent)
 to act on my behalf in the processing of this application and to furnish any additional information requested by the Department.

Authorized Agent's Name: Evelyn Maurmeyer Telephone #: (302) 645-9610
 Mailing Address: CER, Inc. Fax #: (302) 645-4332
PO Box 674 E-mail: maurmeye@udel.edu
Lewes DE 19958

20. Agent's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Evelyn Maurmeyer
 Agent's Signature

Date 7/23/2020

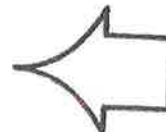
21. Applicant's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized Department representatives to enter upon the premises for inspection purposes during working hours.

Matthew Eisenmann
 Applicant's Signature

Date 4/21/2020

Matthew Eisenmann
 Print Name



**SIGN
& DATE**

22. Contractor's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge, and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Not yet selected
 Contractor's Name

Date

Print Name

BOAT DOCKING FACILITIES

Any boat docking facility for more than four (4) vessels is considered a marina facility (see definitions and explanations section) and requires the applicant to complete Appendices N and O, and make application to the U. S. Army Corps of Engineers for approval.

Please make sure answers to all of the questions in this appendix correspond with information on the application drawings.

1. Briefly describe the project. (Attach additional sheets as necessary.)

Applicant proposes to extend existing 70' x 4' pier by adding a ~~10' x 4' fixed pier, a 10' x 3' gangway, and a 25' x 6' floating pier.~~ 45'x4' fixed pier, a 12'x6' floating pier and boat lift

2. Please provide numbers and dimensions as follows:

Structure Type	Number of Support Pilings	Dimensions (Channelward of MHW or OHW)		Dimensions (Channelward of MLW- n/a for non-tidal water)		New, repair or maintain
		Width ft.	Length ft.	Width ft.	Length ft.	
Dock, Pier, Lift, gangway						
Fixed pier	2 9	4'	10' 45'	4'	10' 45'	new
Gangway	0	3'	10'	3'	10'	"
Floating pier	4 2	6'	25' 12'	6'	25' 12'	"
Boat Lift	4	13'	12'	13'	12'	new
Freestanding Pilings	Number 0					

Mooring Buoy: How many moorings will be installed? _____
 What will be used for the anchor(s)? _____
 Anchor/Mooring Block Weight _____
 Anchor Line Scope (Length or Ratio) _____
 Water Depth at Mooring Location _____

- Approximately how wide is the waterway at this project site? 1,300 ft. (measured from MLW to MLW)
- What will be the mean low water depth at the most channelward end of the mooring facility? 1.5 ft.
- What type of material(s) will be used for construction of the mooring facility (e.g. salt treated wood, aluminum, fiberglass floats, etc.) Use of creosote-treated wood is prohibited.
 Salt-treated wood; aluminum ; HDPE Floats, PVC Decking
- Circle any of the following items that are proposed over subaqueous lands:
 Fish Cleaning Stations/Benches Ladders Water Lines Satellite Electric Lines Handrails /Other (Describe) (on gangway)

If any of the items are circled above, include their dimensions and location on the application drawings.

- 7. What will be the distance from the most channelward end of the docking facility to the edge of any natural or man-made channel? 700 ft. +
- 8. Describe the vessels that will be berthed at the docking facility. Please draw proposed vessel locations on plans and drawings. **Applicant plans to purchase a Sea Hunt 234 Ultra.**

Make/model	<u>Sea Hunt</u>	length	<u>23'4"</u>	width	<u>8'6"</u>	draft	<u>13" (unloaded; engine up)</u>
Make/model	_____	length	_____	width	_____	draft	_____
Make/model	_____	length	_____	width	_____	draft	_____
Make/model	_____	length	_____	width	_____	draft	_____

- 9. Please provide a copy of the current state registration or Coast Guard Certificate of Documentation for each motorized vessel listed above.
not yet available

- 10. Give the number and type of each Marine Sanitation Device (e.g. MSD III, Portable toilet) that will be used on vessels to be docked at the facility.
none

- 11. Is there currently a residence on the property? Yes* No
~~_____ under construction~~

- 12. Do you plan to reach the boat docking facility from your own upland property? Yes* No If "No", explain your proposed means of access and provide documentation of easement or documentation authorizing access if you intend to cross someone else's property.

- 13. Will any portion of the structure be located in privately owned underwater land (such as a pond or lagoon) owned by someone other than the applicant? Yes No.
If yes, written permission of the underwater land owner must be provided with this application.

- 14. What is the width of the waterfront property frontage adjacent to subaqueous lands? 45.56 ft.
Will any portion of the structure or any vessel be placed within 10 feet of your neighbor's property line?
 Yes No* (see Figure 7)
If yes, a letter of no objection from the adjacent property owner must be included with this application.

*See Figure 9; Proportional Property Lines Extended (provided by DNREC on 10/5/2020)

PROPOSED PIER EXTENSION: ADDITION OF ~~10' X 4'~~ 45'x4' FIXED PIER; ~~10' X 3' ANCHORAGE~~, AND ~~25' X 6'~~ FLOATING PIER
 IN: Herring Creek (tributary of Rehoboth Bay) 12'x6' floating pier
 AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18.00-381.00
 APPLICANT: Matthew D. Eisenmann
 DATE: April 23, 2020

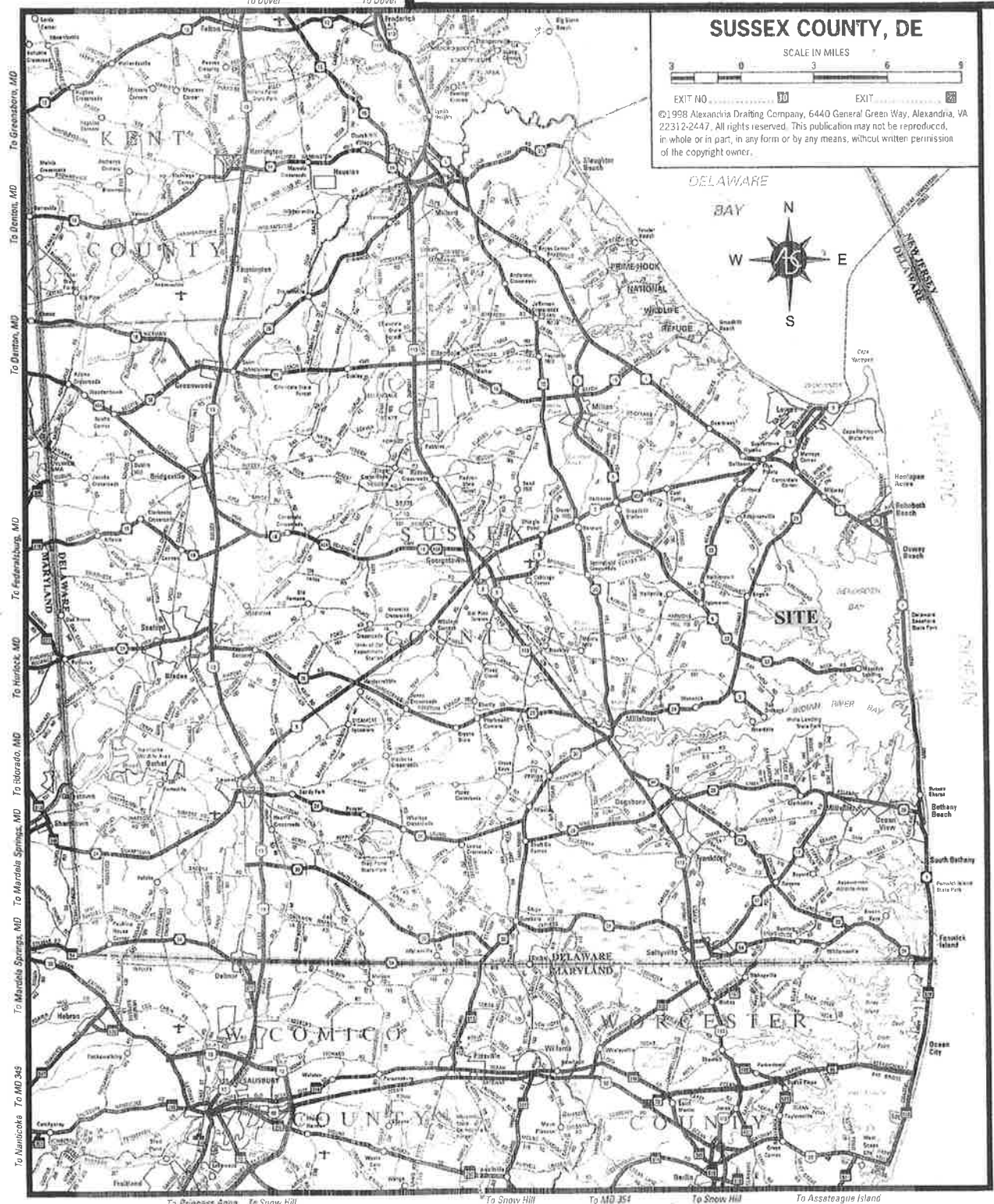


Figure 1. Map of Sussex County, Delaware, showing site location, Lewes area.

PROPOSED PIER EXTENSION: ADDITION OF ~~10' X 3'~~ 45'x4'
FIXED PIER; ~~10' X 3'~~ ANGWAY; AND ~~25' X 6'~~ FLOATING PIER
 IN: Herring Creek (tributary of Rehoboth Bay) 12'x6' floating pier
 AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18.00-381.00
 APPLICANT: Matthew D. Eisenmann
 DATE: April 23, 2020



Figure 2. Map showing site location, **34477 Skyler Drive (Lot 48), The Villages at Herring Creek, Lewes, Sussex County, Delaware**. Directions to project site (from Dover, DE): SR-1 southbound toward beaches; right (west) onto Route 24 (John J. Williams Highway) at McDonald's; left (at Peddler's Village traffic signal) onto Camp Arrowhead Road; continue approximately 2 miles, right onto Skyler Drive at The Villages at Herring Creek; follow Skyler Drive (bear right at fork), site is vacant lot on right, next to house at 34481 Skyler Drive. Also see Figure 3.

PROPOSED PIER EXTENSION: ADDITION OF ~~10' X 4'~~ 45'x4' FIXED PIER; ~~40' X 3' ANCHWAY;~~ AND ~~25' X 6' FLOATING PIER~~
 IN: Herring Creek (tributary of Rehoboth Bay) 12'x6' floating pier
 AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18.00-381.00
 APPLICANT: Matthew D. Eisenmann
 DATE: April 23, 2020



Figure 3. Site location, Tax Map Parcel #2-34-18.00-381.00 (34477 Skyler Drive, Lot 48), The Villages at Herring Creek, Lewes, Sussex County, Delaware). Adjacent property owners:

TM #2-34-18.00-380.00: Carlo & Teresita Businelli, 17 Trouville Dr., Parsippany, NJ 07054

TM #2-34-18.00-382.00: Douglas & Stephanie Ellis, 27 Deer Run Cir., Phoenixville, PA 19460

TM #2-34-18.00-23.02: Villages at Herring Creek HOA, PO Box 1761, Millsboro DE 19966

PROPOSED PIER EXTENSION: ADDITION OF ~~10' X 4'~~ 45'x4' FIXED PIER; ~~40' X 3'~~ ANCHWAY; AND ~~25' X 6'~~ FLOATING PIER
 IN: Herring Creek (tributary of Rehoboth Bay) 12'x6' floating pier
 AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18.00-381.00
 APPLICANT: Matthew D. Eisenmann
 DATE: April 23, 2020

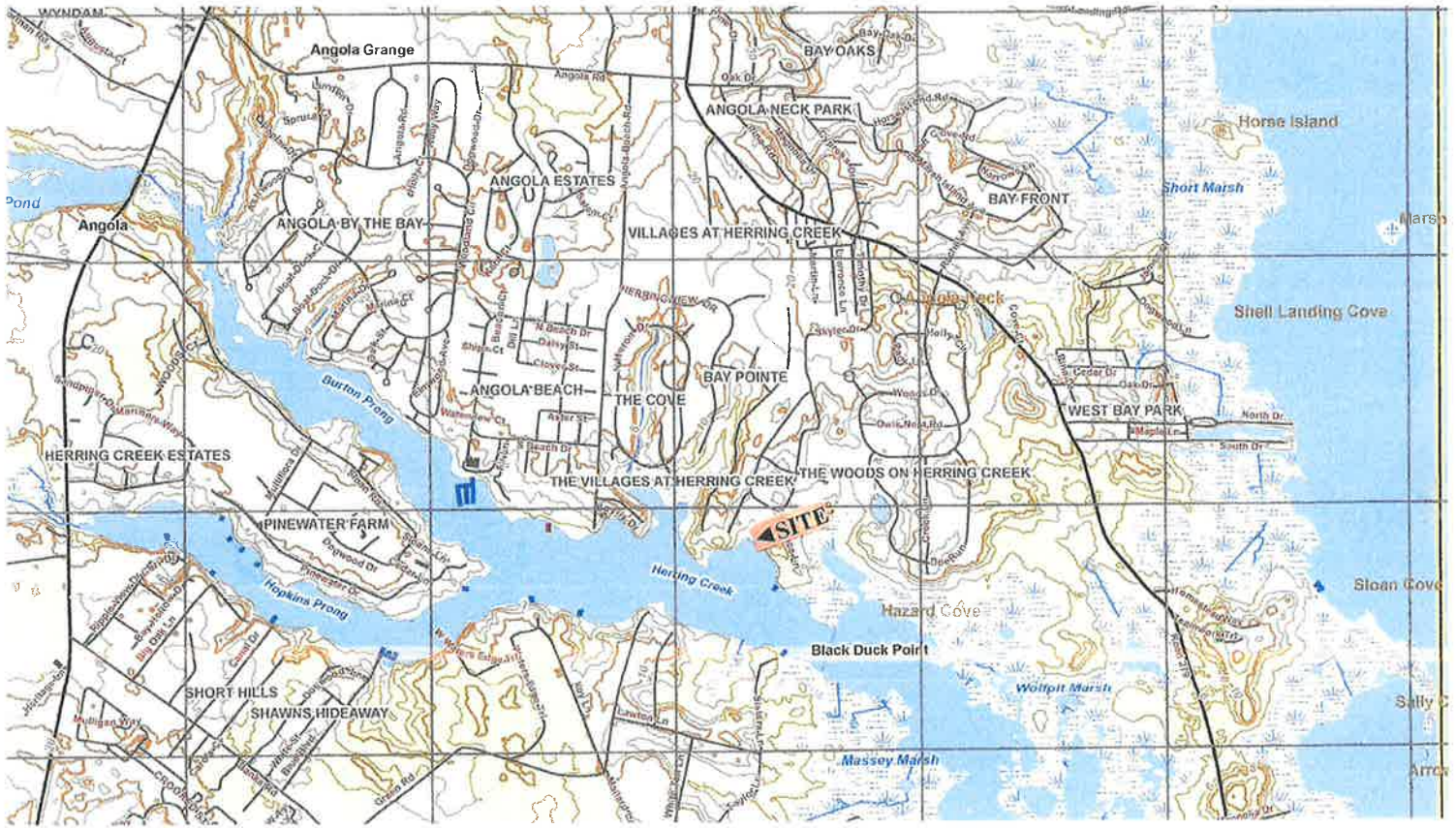


Figure 4. Site location on USGS topographic map, Fairmount, Delaware. Site is adjacent to Herring Creek, tributary of Rehoboth Bay.

**PROPOSED PIER EXTENSION: ADDITION OF ~~40' X 4'~~ 45'x4'
FIXED PIER; ~~10' X 3' ANCHWAY;~~ AND ~~25' X 6' FLOATING PIER~~
IN: Herring Creek (tributary of Rehoboth Bay) 12'x6' floating pier
AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
Lewes, Sussex Co., DE 19958
Tax Map Parcel #2-34-18.00-381.00
APPLICANT: Matthew D. Eisenmann
DATE: April 23, 2020**

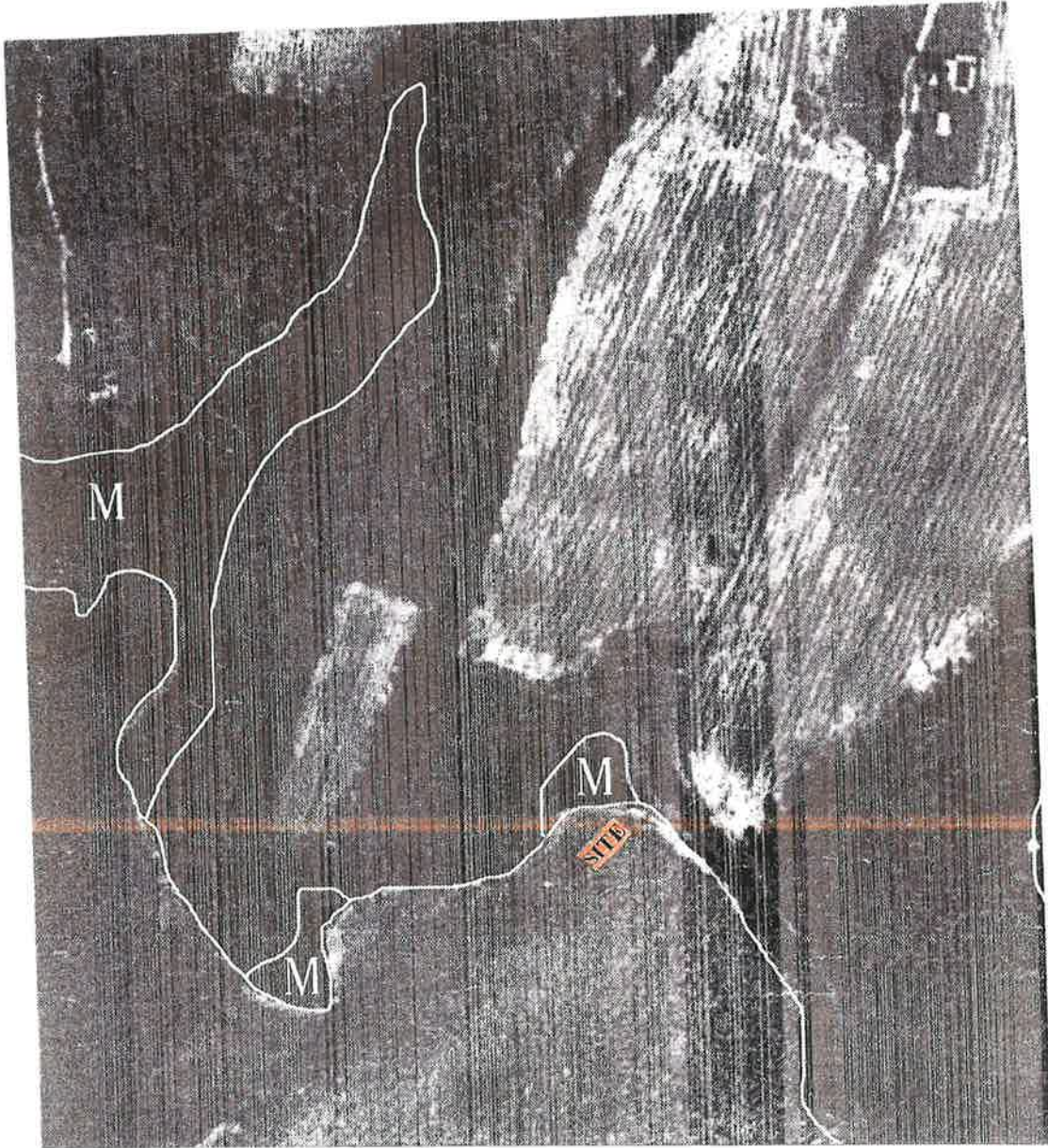


Figure 5. Site location on State of Delaware DNREC Wetland Map #082 (1988 photobase). Project site is mapped W (water). Scale: 1" = 300'.

PROPOSED PIER EXTENSION: ADDITION OF ~~10' x 4'~~ 45'x4' FIXED PIER; ~~10' x 3' GANGWAY~~, AND ~~25' x 6'~~ FLOATING PIER
 IN: Herring Creek (tributary of Rehoboth Bay) 12'x6' floating pier
 AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18.00-381.00
 APPLICANT: Matthew D. Eisenmann
 DATE: April 23, 2020

Google Maps



Imagery ©2020 Maxar Technologies, U.S. Geological Survey, USDA Farm Service Agency, Map data ©2020 100 ft



Figure 6. Aerial (top) and ground-level (bottom) photographs of site, 34477 Skyler Drive, Lot 48, The Villages at Herring Creek, Lewes, Sussex County, Delaware. Existing 80' x 3' wetland walkway (over Federal wetlands) and 70' x 4' pier present (authorized by SL-144/07, Harold Dukes, Jr., lessee). SU-223-10 authorizes owners of Lots 49 and 50 to use the structure. Applicant proposes to extend pier by adding a ~~10' x 4'~~ 45'x4' fixed pier and a ~~10' x 3'~~ gangway, and a ~~25' x 6'~~ a 12'x6' floating pier. See Figures 7 and 8 for plan view and cross-section (prepared by applicant).

PROPOSED PIER EXTENSION: ADDITION OF 10' X 4' FIXED PIER; 10' X 3' ANGWAY; AND 25' X 6' FLOATING PIER

IN: Herring Creek (tributary of Rehoboth Bay)
AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
Lewes, Sussex Co., DE 19958
Tax Map Parcel #2-34-18.00-381.00

APPLICANT: Matthew D. Eisenmann

DATE: April 23, 2020

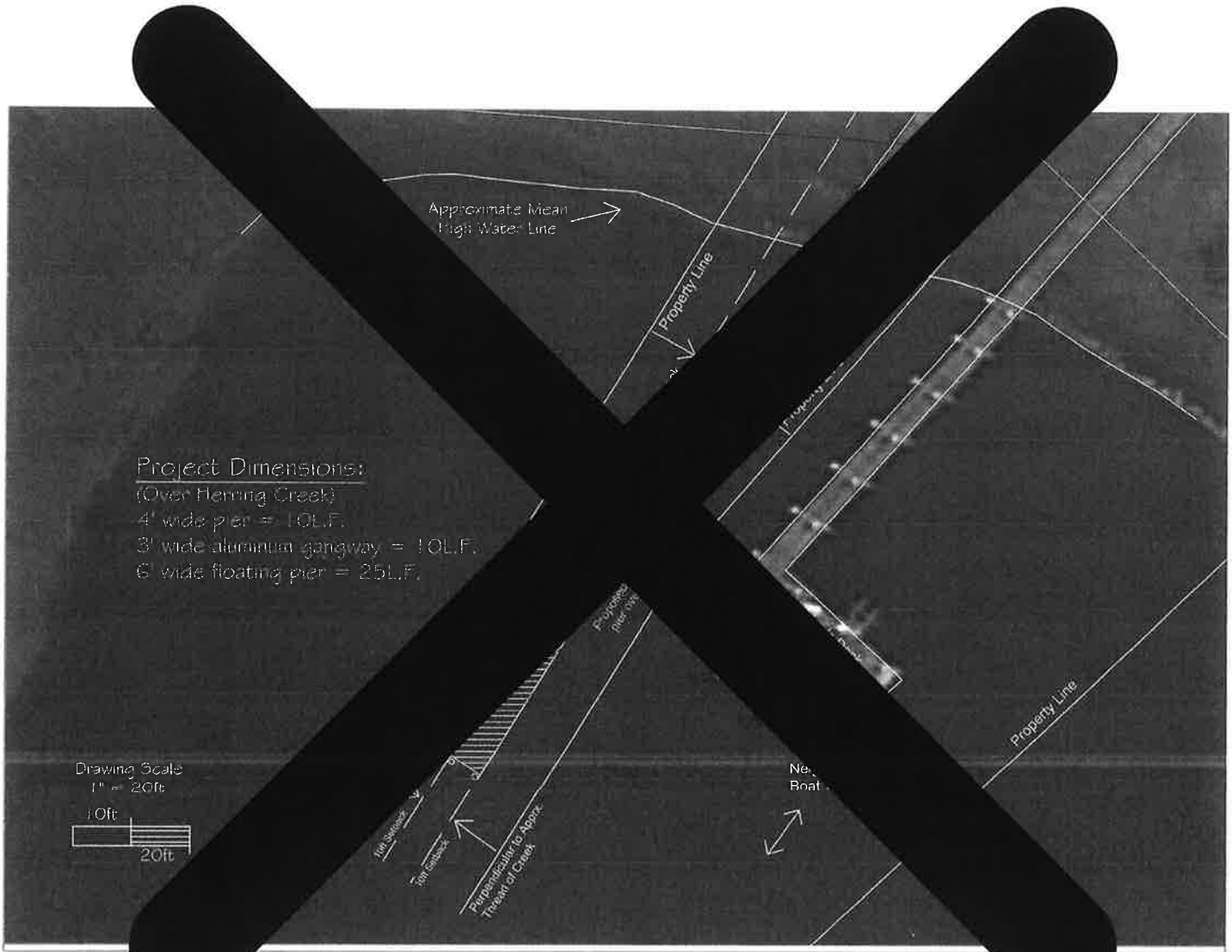


Figure X: Plan View of Proposed Project (dimensions as shown)

Figure 7. Plan view of proposed project (prepared by applicant).

Proposed Pier Extension: Addition of 45'x4' Fixed Pier & 12'x6' Floating Pier
 IN: Herring Creek (Tributary of Rehoboth Bay)
 AT: 34477 Skyler Drive (Lot 48), The Villages of Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18.00-381.00
 Applicant: Matthew D. Eisenmann
 Date: April 23, 2020

Project Dimensions:

(Over Herring Creek)

4' wide fixed pier = 45L.F.

6' wide floating pier = 12L.F.



Drawing Scale

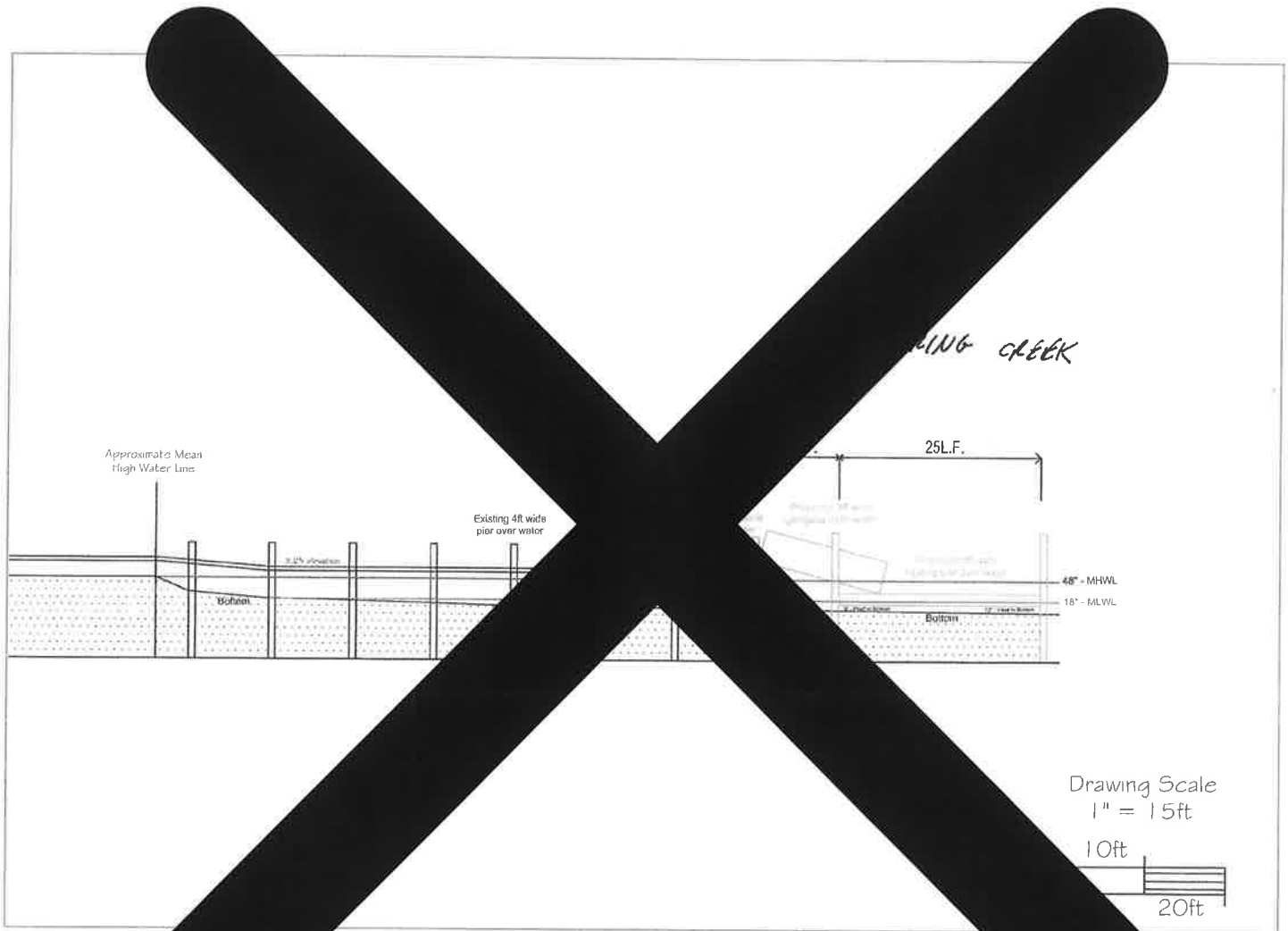
1" = 20ft



Figure 7: Plan View of Proposed Project (dimensions as shown)(prepared by applicant)

**PROPOSED PIER EXTENSION: ADDITION OF 10' X 4'
FIXED PIER; 10' X 3' ANGWAY; AND 25' X 6' FLOATING PIER**

IN: Herring Creek (tributary of Rehoboth Bay)
AT: 34477 Skyler Drive (Lot 48), The Villages at Herring Creek
Lewes, Sussex Co., DE 19958
Tax Map Parcel #2-34-18.00-381.00
APPLICANT: Matthew D. Eisenmann
DATE: April 23, 2020



X: Cross Section of Proposed Project

Figure 8. Cross-section of proposed project (prepared by applicant).

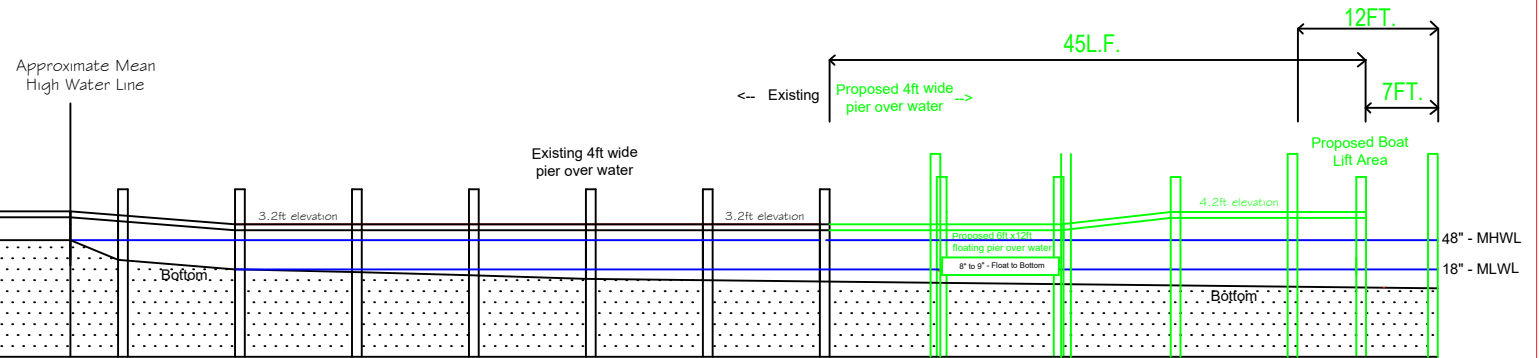
Proposed Pier Extension: Addition of 45'x4' Fixed Pier & 12'x6' Floating Pier
 IN: Herring Creek (Tributary of Rehoboth Bay)
 AT: 34477 Skyler Drive (Lot 48), The Villages of Herring Creek
 Lewes, Sussex Co., DE 19958
 Tax Map Parcel #2-34-18,00-381.00
 Applicant: Matthew D. Eisenmann
 Date: April 23,2020

Project Dimensions:

(Over Herring Creek)

4' wide pier = 45L.F.

6' wide floating pier = 12L.F.



Drawing Scale
 1" = 20ft

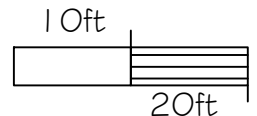


Figure 8: Cross Section of Proposed Project (dimensions as shown)(prepared by applicant)

PROPOSED PIER EXTENSION: Addition OF 45'x4' Fixed Pier
& 12'x6' Floating Pier

IN: Herring Creek (Tributary of Rehoboth Bay)

AT: 34477 Skyler Drive (Lot 48), The Villages of Herring
Creek

Tax Map Parcel #2-34-18.00-381.00

Applicant: Matthew D. Eisenmann

Date: April 23,2020

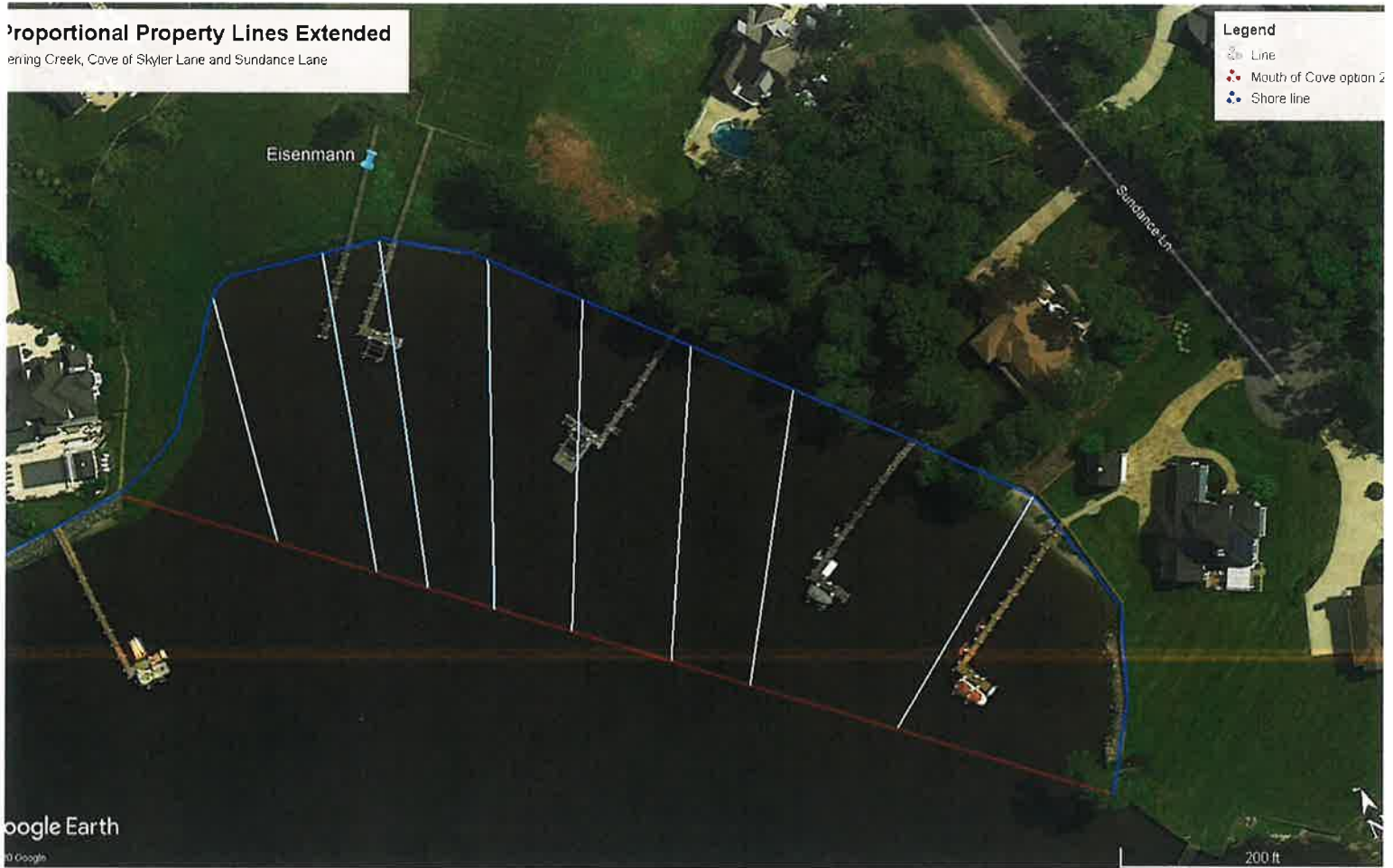


Figure 9: Proportional Property Lines Extended (provided by DNREC on 10/5/2020)



FLOOD ZONE

AE & X ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 1000500341 J, REV. JANUARY 6, 2005, FLOOD ELEV. 6.0 DATUM: NAVD88

ZONING AR-1 REQUIREMENTS:

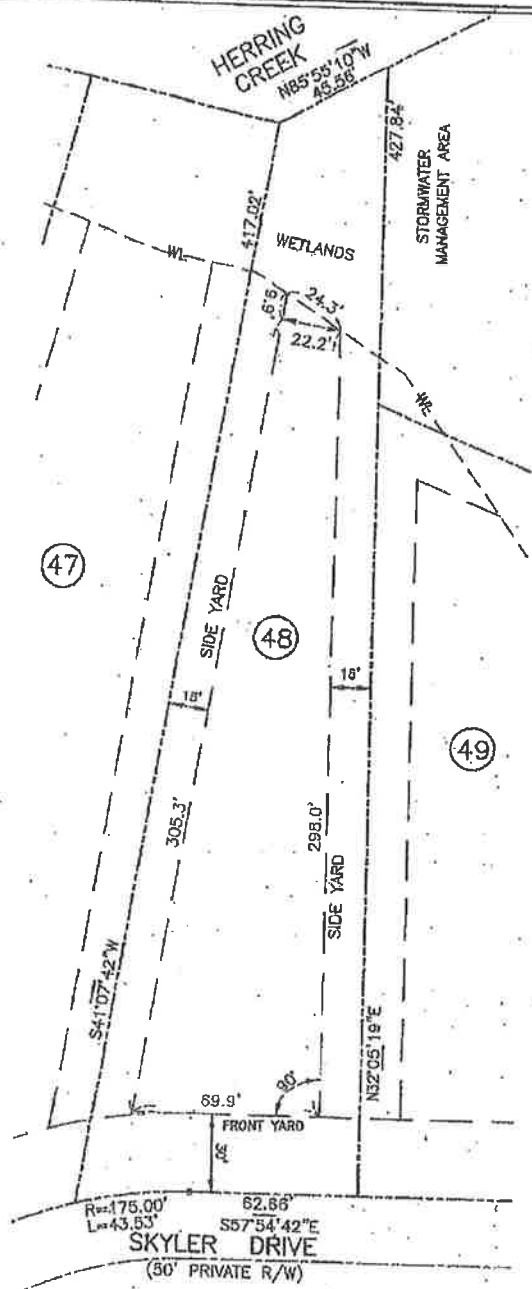
FRONT YARD = 30'
SIDE YARD = 15'
REAR YARD = 20'
MAX. BUILDING HEIGHT = 42'

WETLANDS LINE: ——— WL ———

BUILDABLE AREA PLAN
PREPARED FOR
VILLAGES AT HERRING CREEK DEVELOPMENT CO., L.L.C.

PROPERTY KNOWN AS
LOT 48
THE VILLAGES AT HERRING CREEK
ON
34474 SKYLER DRIVE
SITUATE IN
INDIAN RIVER HUNDRED
SUSSEX COUNTY
STATE OF DELAWARE
SCALE: 1" = 50'
DATE: APRIL 22, 2005

[Signature]
PROFESSIONAL LAND SURVEYOR



TAX PARCEL #: 2-34-18.00-381
ACCURACY OF PLAN DATA: SUBURBAN

	RAMESH C. BATA ASSOCIATES, P.A.		
	CONSULTING ENGINEERS		PLANNERS LAND SURVEYORS
	4800 NEW LINCOLN HILL ROAD SUITE 103 BROWNSSTONE PLAZA WILMINGTON, DELAWARE 19808 (302) 998-8483 FAX (302) 998-2026		800 NORTH DUPONT HIGHWAY SUITE 112 GEORGETOWN PROFESSIONAL PARK GEORGETOWN, DELAWARE 19947 (302) 856-2861 FAX (302) 856-0974
PLAN BOOK PB 91, PG. 3	PROJECT NUMBER 89498	PLAN NUMBER A-18758-48	SHEET 1 of 1
<p>SPECIAL NOTES TO PLAN INCLUDE:</p> <p>1) PROPERTY OWNERS NOT SET UNLESS INDICATED HEREON</p> <p>2) THIS PLAN IS NOT VALID W/O AN ORIGINAL SIGNATURE IN BLUE INK AND RAISED SEAL BY A PROFESSIONAL LAND SURVEYOR.</p> <p>3) THE USE OF THIS PLAN FOR OTHER THAN ITS ORIGINAL TITLED PURPOSE IS STRICTLY PROHIBITED.</p> <p>4) RAMESH C. BATA ASSOCIATES, P.A. IS NOT RESPONSIBLE FOR MODIFICATIONS TO THIS PLAN WITHOUT ITS WRITTEN APPROVAL.</p>			