

# SAMPLE ACTIVITY GUIDELINES AND DRAWINGS



**Maryland Department of the Environment  
Wetlands and Waterways Program  
Tidal Wetlands Division**

**August 2013**

**Prepared by:**



**Maryland**  
Department of  
the Environment

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**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED BOAT LIFT / MOORING PILES / PLATFORM PROJECT**

Check list outlines the minimum required information for a proposed project; additional information may be required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

- Requires application processing fee\* (Boat lift with new pilings / new mooring piles / platform)
- Exempt from application processing fee\* (Boat lift on existing pilings)

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

**APPLICATION GUIDELINES**

- 
- ABBREVIATED JOINT FEDERAL / STATE APPLICATION FOR THE ALTERATION OF ANY TIDAL WETLAND AND/OR TIDAL WATERS IN MARYLAND
- 
- Contiguous Property Owner and Appropriate Local Official Notification and Certification Form
- 
- Photographs of project site and any existing structures.
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**GENERAL PLAN REQUIREMENTS**

- 
- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- 

**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

- 
- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- 
- Plan sheet should include the type of projects proposed by applicant i.e. boat lift, mooring piles, or platform.
- 
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
- 
- Vicinity map and aerial photo should be sized to clearly depict the project site and surrounding area, but each map should no smaller than 4" by 4" in size.
- 
- Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.
- 
- Aerial photograph should be no more than 10 years old from date of application.
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VICINITY MAP & AERIAL PHOTO PLAN SHEET (CONTINUED)

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- Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.
- 

EXISTING AND PROPOSED CONDITION PLAN SHEETS

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- 
- Plan sheet should include the type of projects proposed by applicant i.e. boat lift, mooring piles, or platform.
- 
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
- 
- Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).
- 
- Plan view should include water depths marked as either contours or spot depths that extend to the channelward end of the pier or proposed boat lift (whichever is greater).
- 
- Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
- 
- Plan view should include the shoreline from property line to property line.
- 
- Plan view should include the property lines extended channelward and labeled
- 
- Plan view should include the construction restriction set back lines extended channelward and labeled or if distance from the proposed project to the construction restriction set back lines will not fit on the page using the allowable scale the distance to each construction restriction set back line from the proposed project should be indicated.  
**\*Check with the county to determine the appropriate required set back distance for tidal wetland projects. In counties where no county set back is required, MDE requires a minimum of 10 feet or a variance from the county prior to issuance of a State license.**
- 
- Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.
- 
- Plan view should include all existing structures, including vegetated wetlands and SAV, on the applicant's property and adjacent riparian properties.
- 
- Plan view should depict the location of the proposed boat lift and the existing or proposed associated pilings with the pilings clearly labeled as existing or proposed.
- 
- Plan view should depict proposed boat lift or PWC locations with an X connecting the boat lift piles. **\*Please provide, as a separate plan sheet, a schematic, plan, or typical photograph showing the type of boat lift or PWC lift that is proposed.**
- 
- Plan view should depict the location of the proposed mooring piles clearly labeled as proposed.
- 
- Plan view should depict the location of the proposed platform clearly labeled as proposed and the type i.e. fixed or floating.
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## TYPICAL BOAT LIFT PLAN SHEET

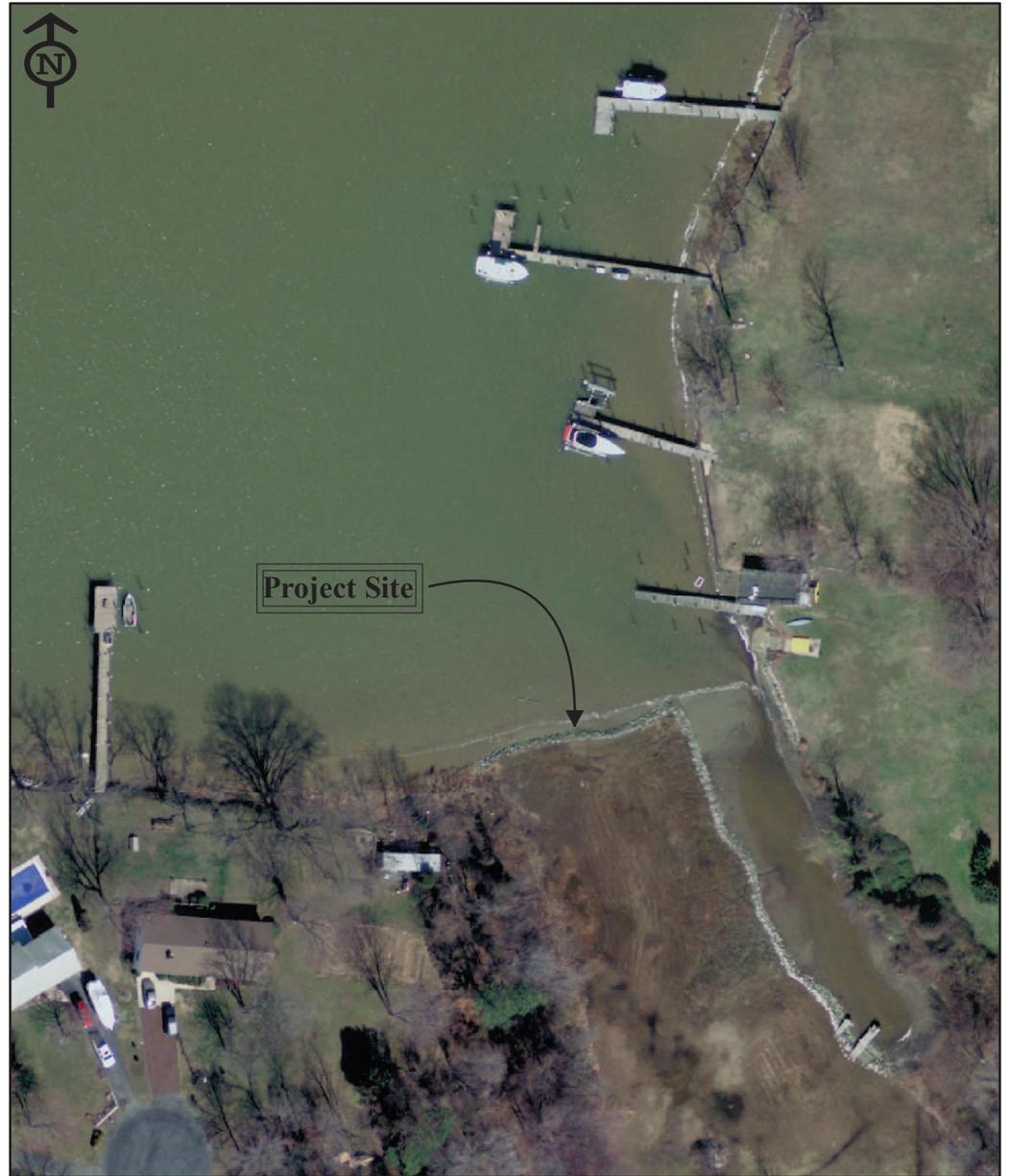
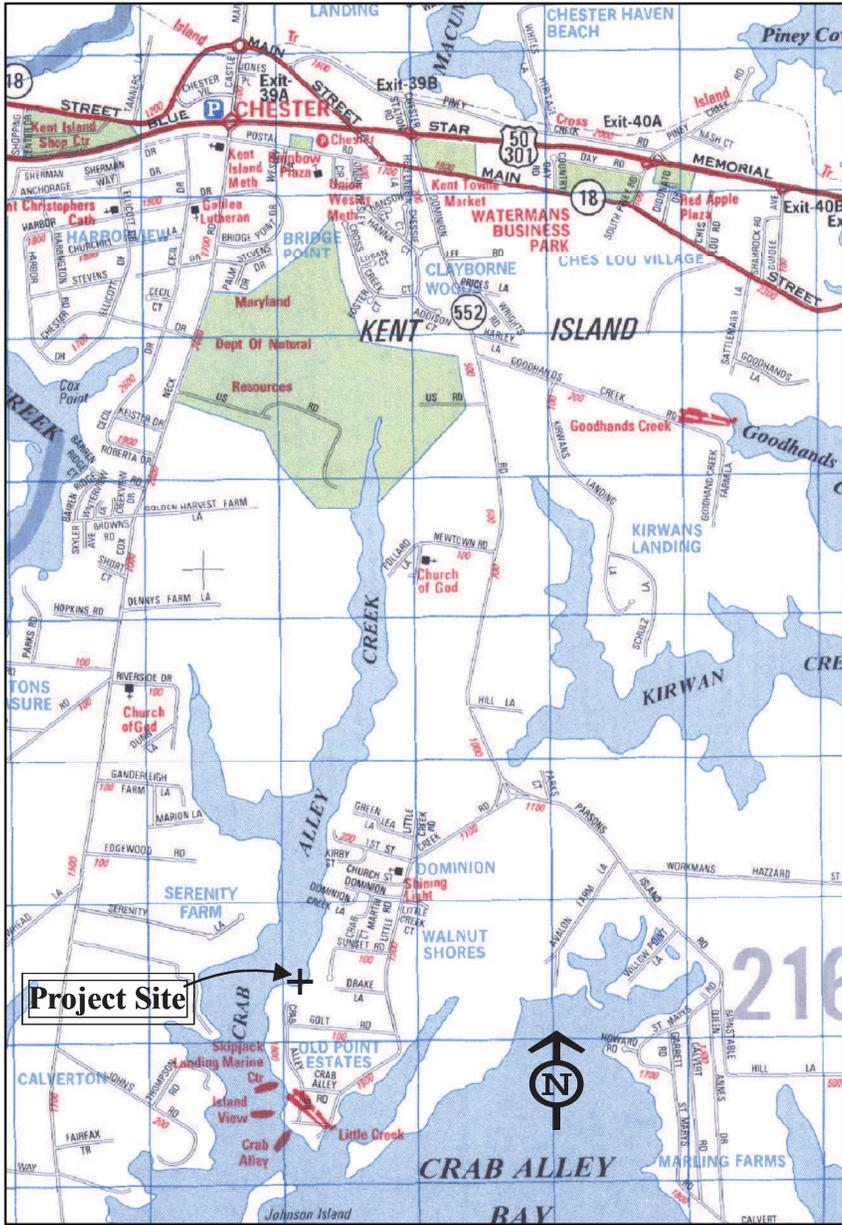
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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. boat lift, mooring piles, or platform.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Plan sheet should depict a schematic, photograph, or plan of the type of boat lift proposed to be constructed at applicant's pier.
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## CROSS-SECTION PLATFORM PLAN SHEET

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. platform.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet). Example: MLW = 0.0', MHW = + 1.9'
  - FIXED PLATFORM** – Proposed Cross-Section should depict the distance from the MLW to the bottom of the platform decking (minimum of 4 feet).
  - FLOATING PLATFORM** – Proposed Cross-Section should depict the distance from the bottom of the floatation structures to the bottom substrate. Typically floating platforms require a minimum of 2 feet of water depth in the proposed location to receive authorization.
-

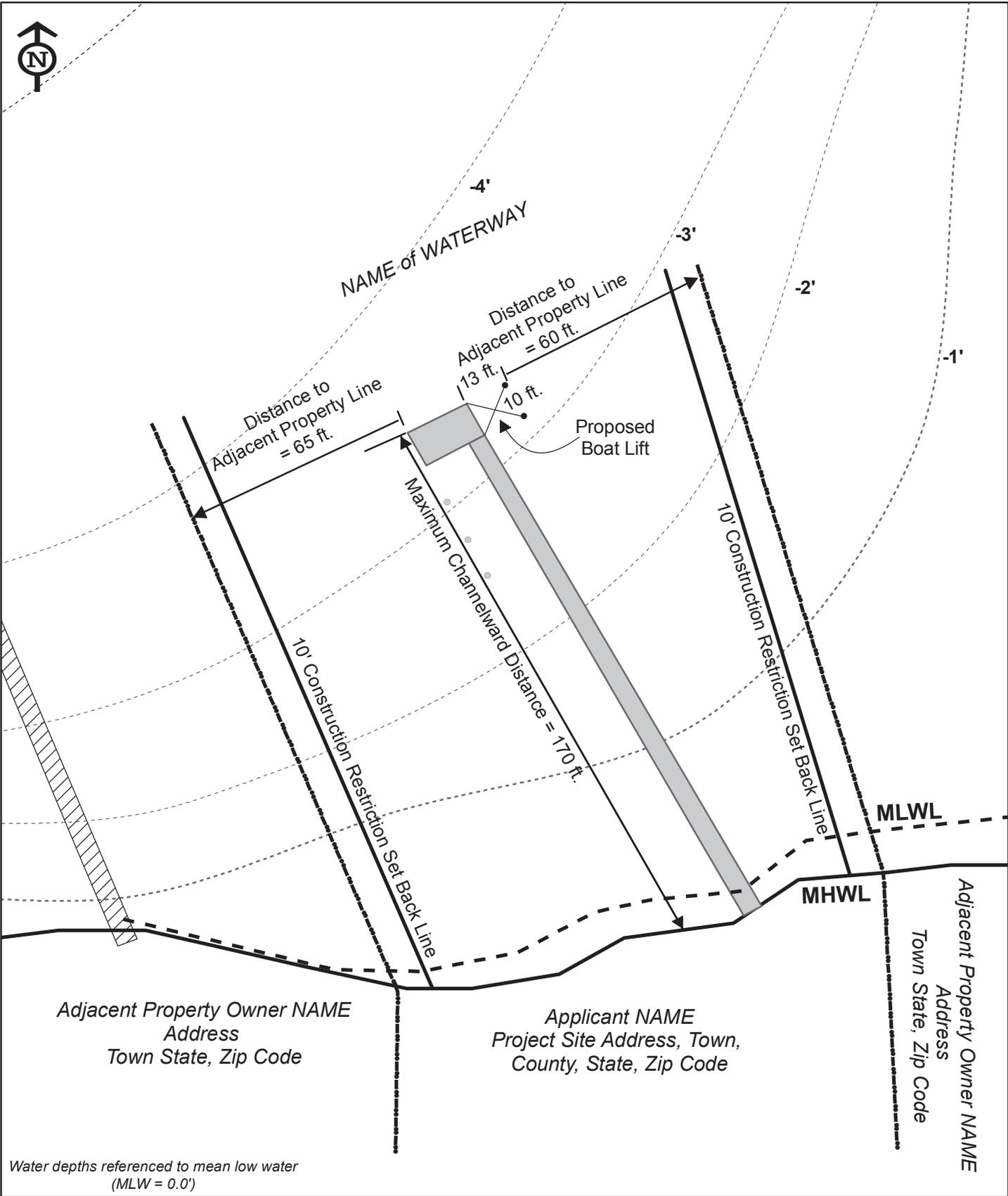


**Vicinity Map & Aerial Photo**

Project: [INSERT TYPE OF PROJECT]

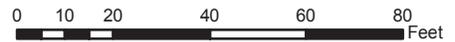
Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

NOTES



### Existing Conditions with Proposed Boatlift

Project: Proposed Boatlift on existing pier & pilings

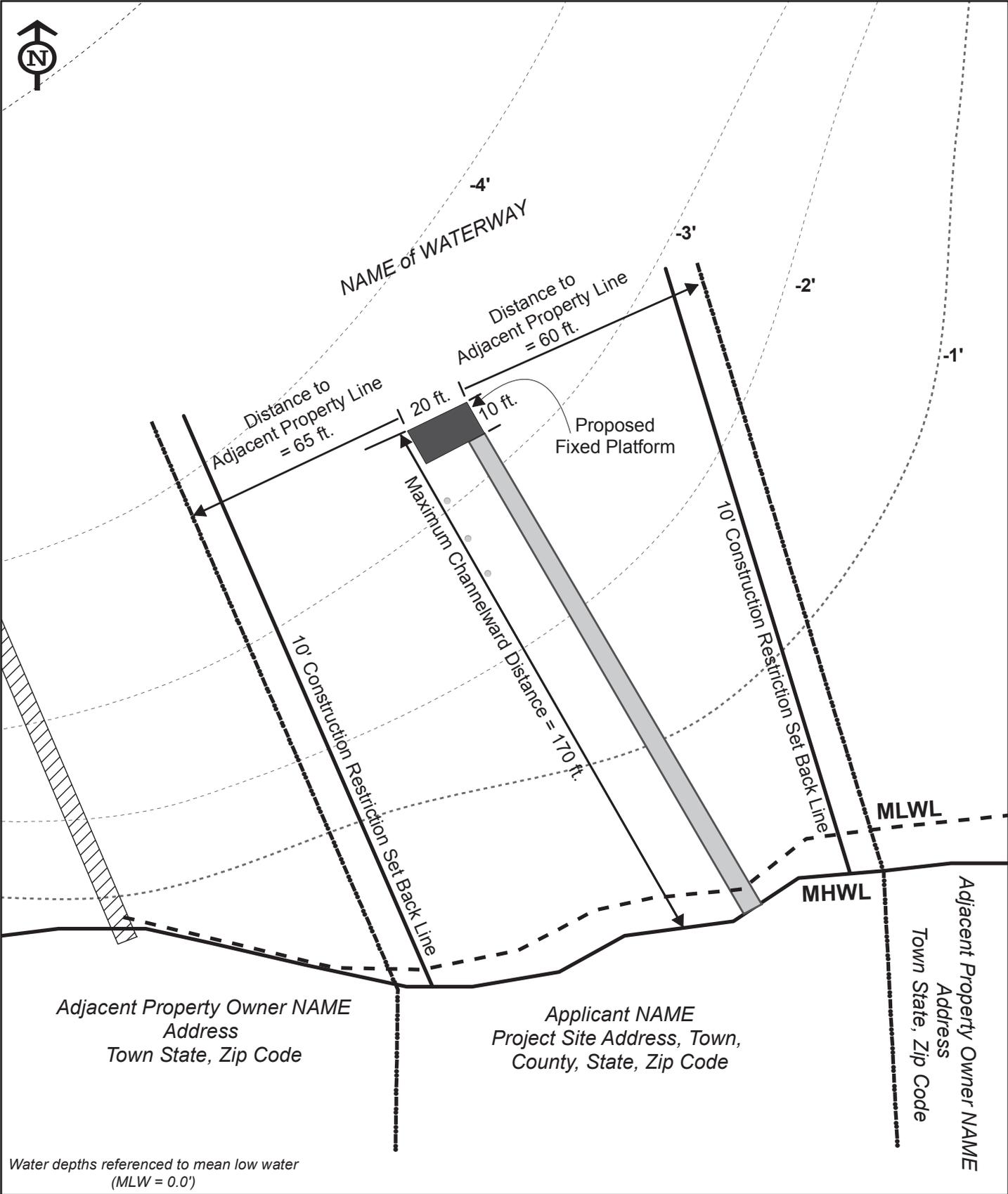


1 inch = 40 feet

Proposed Project for:  
Applicant NAME  
Mailing Address, Town, County, State, Zip Code

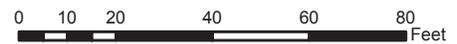
- Existing Structure
- Proposed Structure

DATE, Page X of Y



**Existing Conditions with Proposed Platform**

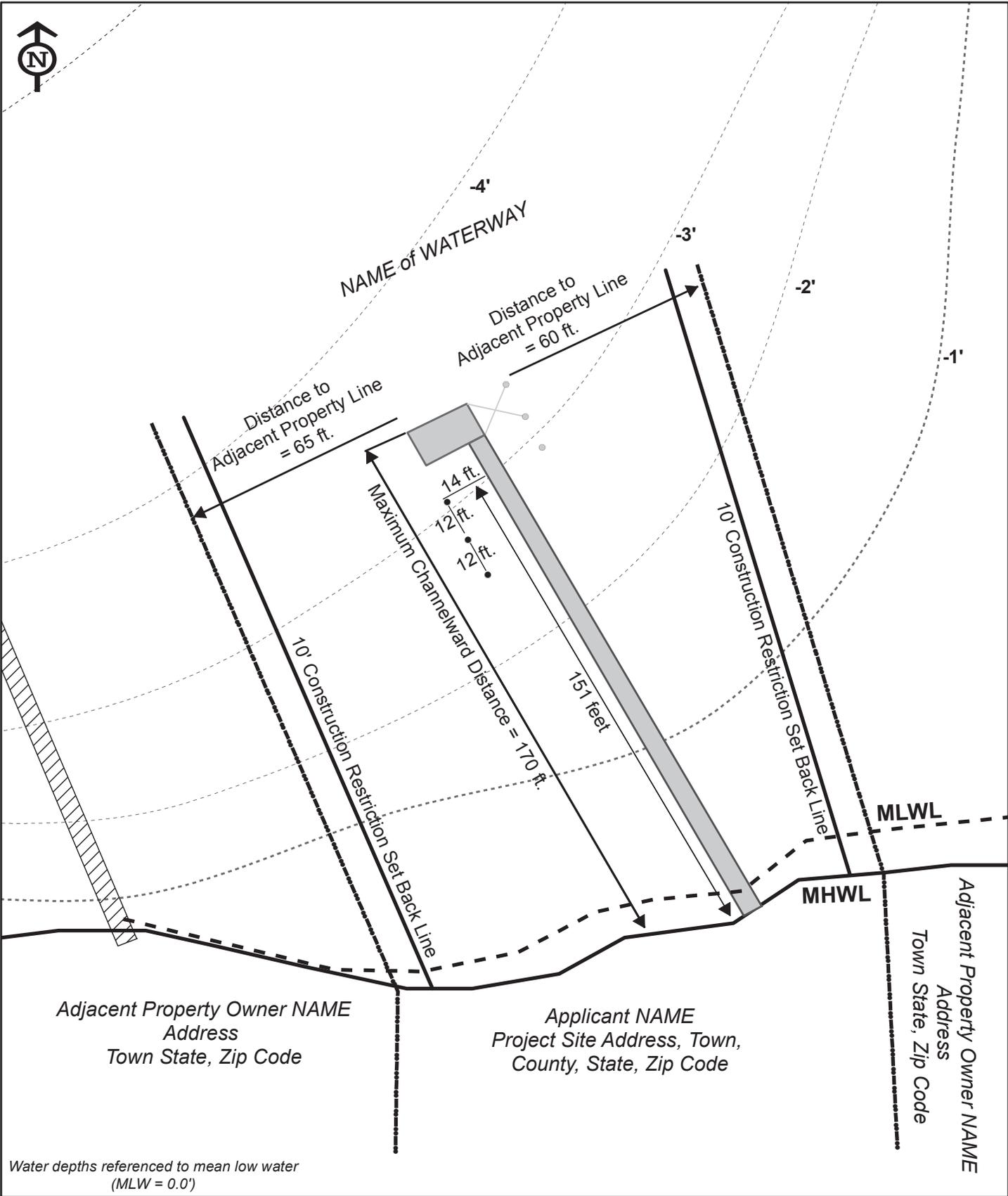
Project: Proposed Platform on an existing pier



1 inch = 40 feet

Proposed Project for:  
Applicant NAME  
Mailing Address, Town, County, State, Zip Code

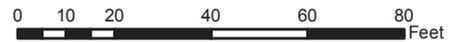
- Existing Structure
- Proposed Structure



### Existing Conditions with Proposed Mooring Piles

Project: Proposed mooring piles on an existing pier

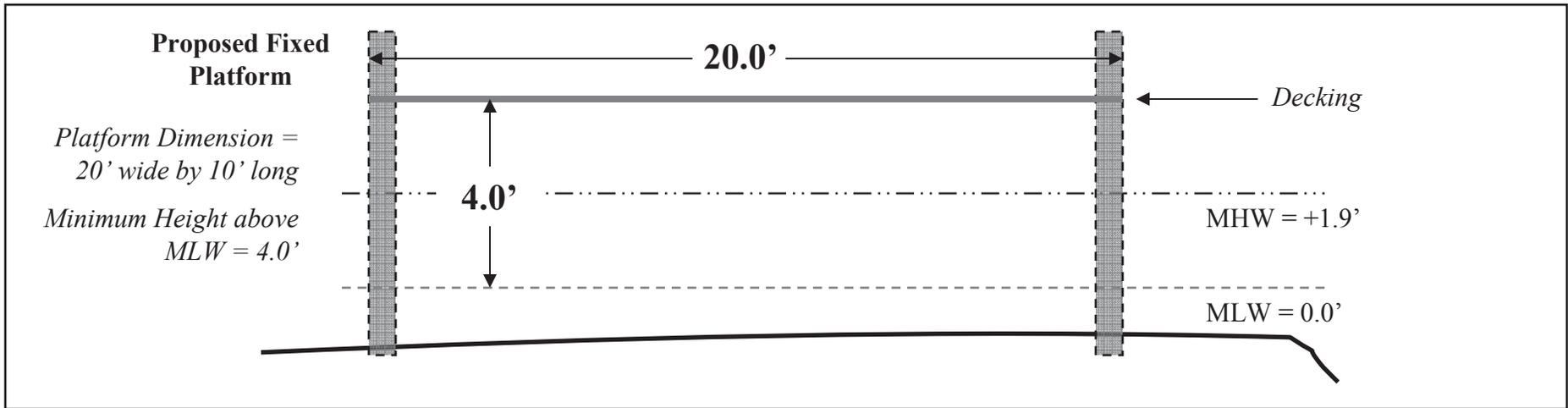
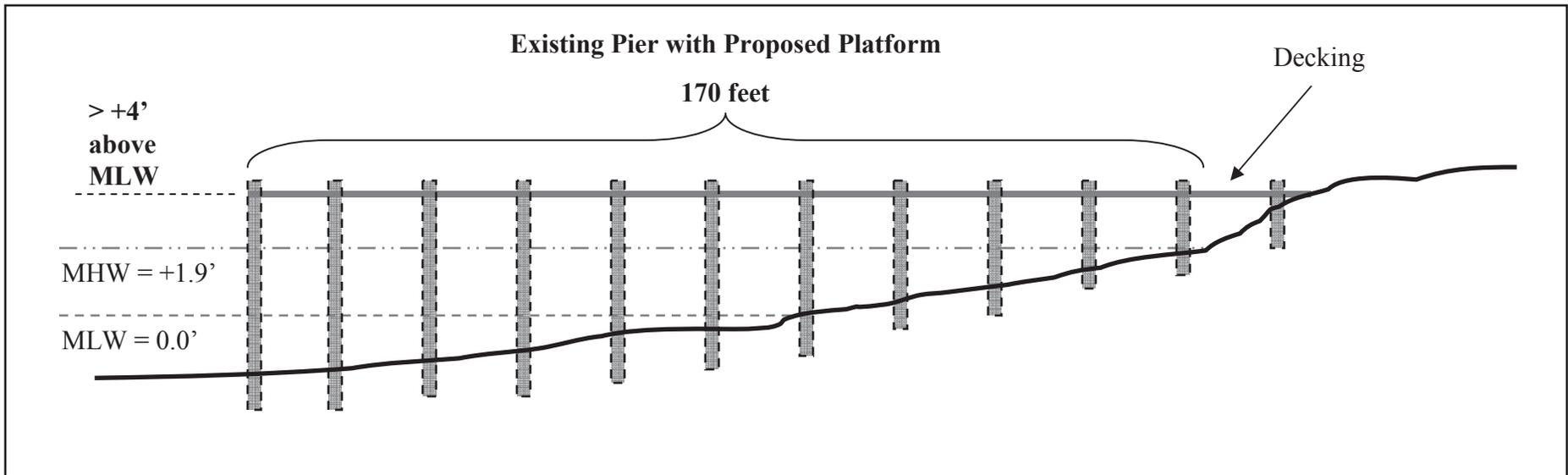
Proposed Project for:  
Applicant NAME  
Mailing Address, Town, County, State, Zip Code



1 inch = 40 feet

- Existing Structure
- Proposed Structure

DATE, Page X of Y



### Platform on Existing Pier Project

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED PIER PROJECT**

Check list outlines the minimum required information for a proposed project; additional information may required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

- Requires application processing fee
- Exempt from application processing fee

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

**GENERAL PLAN REQUIREMENTS**

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
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**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

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  - Plan sheet should include the type of projects proposed by applicant i.e. pier, platform, mooring piles, and boat lift.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Vicinity map and aerial photo should be sized to clearly depict the project site and surround area, but each map should no smaller than 4" by 4" in size.
  - Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.
  - Aerial photograph should be no more than 10 years old from date of application.
  - Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.
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## PROJECT VICINITY CONDITIONS PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scaled appropriate for area of project vs. 8.5" x 11" sheet. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- 
- Plan sheet should include the type of projects proposed by applicant i.e. pier, platform, mooring piles, and boat lift.
- 
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
- 
- Plan view should include the Mean High Water Line (MHWL) of project's shoreline and the distance to the opposite shoreline.
- 
- Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
- 
- Plan view should include water depths marked as either contours or spot depths that extend across the width of the waterway.
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- Plan view should include any marked or unmarked channels within the waterway and distance to the nearest edge of the channel.
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- Plan view should include the property lines (labeled) extended channelward.
- 
- Plan view should include all vegetated wetlands at the applicant's site.
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## EXISTING CONDITION PLAN SHEET(S)

- 
- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
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- Plan sheet should include the type of projects proposed by applicant i.e. pier, platform, mooring piles, and boat lift.
- 
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
- 
- Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).
- 
- Plan view should include water depths marked as either contours or spot depths that extend a minimum of 100' channelward from the end of the channelward most proposed work.  
**\*Narrow width waterways require water depths across the entire width of the channel.**
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- Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
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## EXISTING CONDITION PLAN SHEET(S) (CONTINUED)

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- Plan view should include the shoreline from property line to property line (property lines extended channelward and labeled) or if distance from the proposed project to property lines will not fit on the page using the allowable scale the distance to each property line from the proposed project should be indicated.
  - Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.
  - Plan view should include all existing structures, including vegetated wetlands and SAV, on the applicant's property and adjacent riparian properties.
- 

## PROPOSED CONDITION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. pier, platform, mooring piles, and boat lift.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet). *If the MHWL or the MLWL are to be altered during construction the proposed MHWL and MLWL should also be labeled.*
  - Plan view should include water depths marked as either contours or spot depths that extend a minimum to the channelward extent of the proposed project.
  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
  - Plan view should include the property lines (labeled) extended channelward.
  - Plan view should include the construction restriction set back lines extended channelward and labeled or if distance from the proposed project to the construction restriction set back lines will not fit on the page using the allowable scale the distance to each construction restriction set back line from the proposed project should be indicated.  
**\*Check with the county to determine the appropriate required set back distance for tidal wetland projects. In counties where no county set back is required, MDE requires a minimum of 10 feet or a variance from the county prior to issuance of a State license.**
  - Plan view should depict the proposed pier and all proposed associated structures including the channelward distance from the MHWL to each structure.
  - Plan view should depict proposed boat lift or PWC locations with an X connecting the boat lift piles. **\*Please provide, as a separate plan sheet, a schematic, plan, or typical photograph showing the type of boat lift or PWC lift that is proposed.**
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### CROSS-SECTION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

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  - Plan sheet should include the type of projects proposed by applicant i.e. pier, platform, mooring piles, and boat lift.

---

  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

---

  - Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet). Example: MLW = 0.0', MHW = + 1.9'

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  - Existing Cross-Section should depict width of pier decking (maximum 6.0 feet over open water tidal wetlands and a maximum of 3.0 feet over vegetated tidal wetlands).

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  - Proposed Cross-Section should depict the distance from the MLW to the bottom of the pier decking (minimum of 4 feet over open water tidal wetlands) or the distance from the substrate to the bottom of the pier decking (minimum of 3 feet over vegetated tidal wetlands).
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### TYPICAL BOAT LIFT PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

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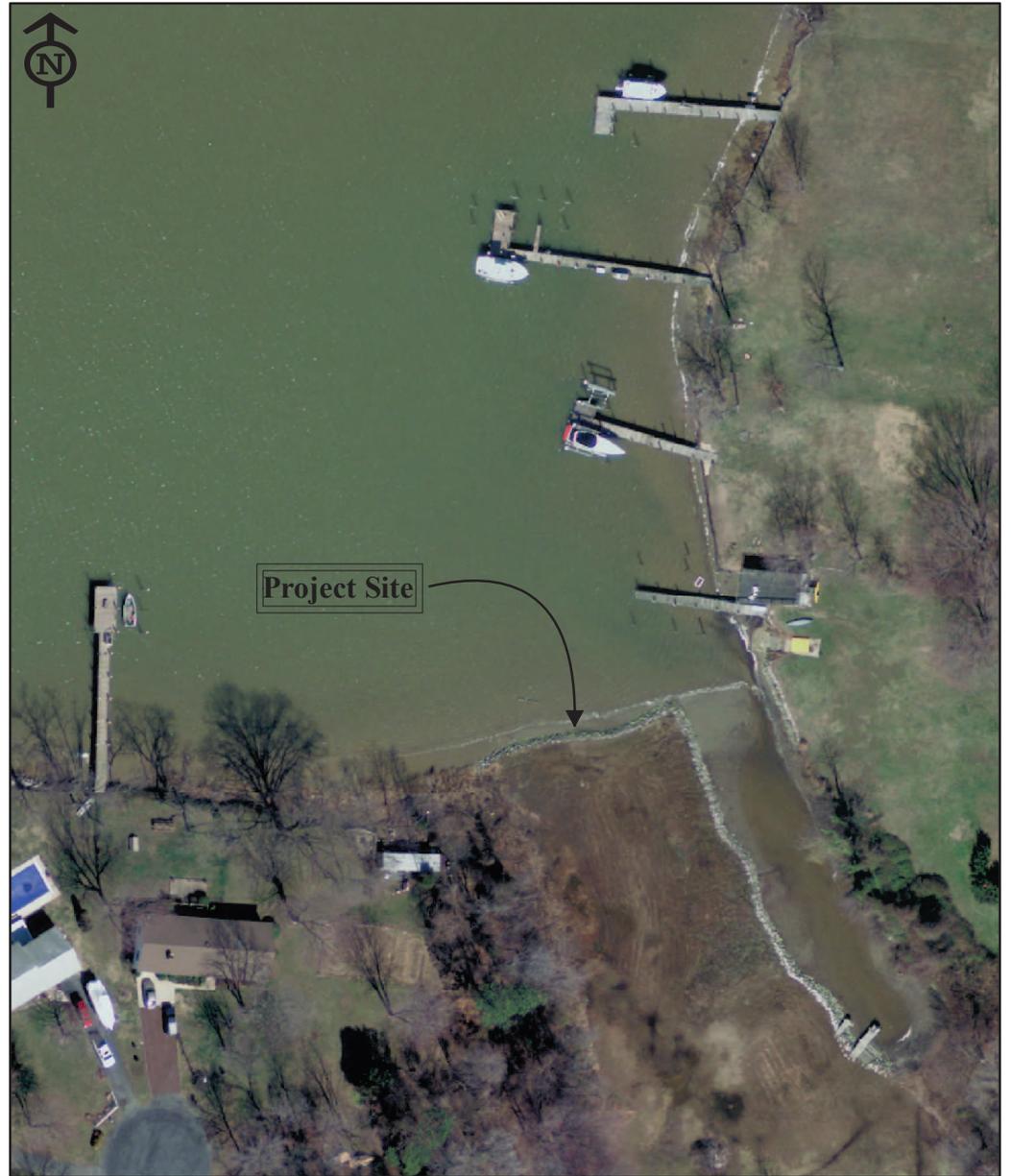
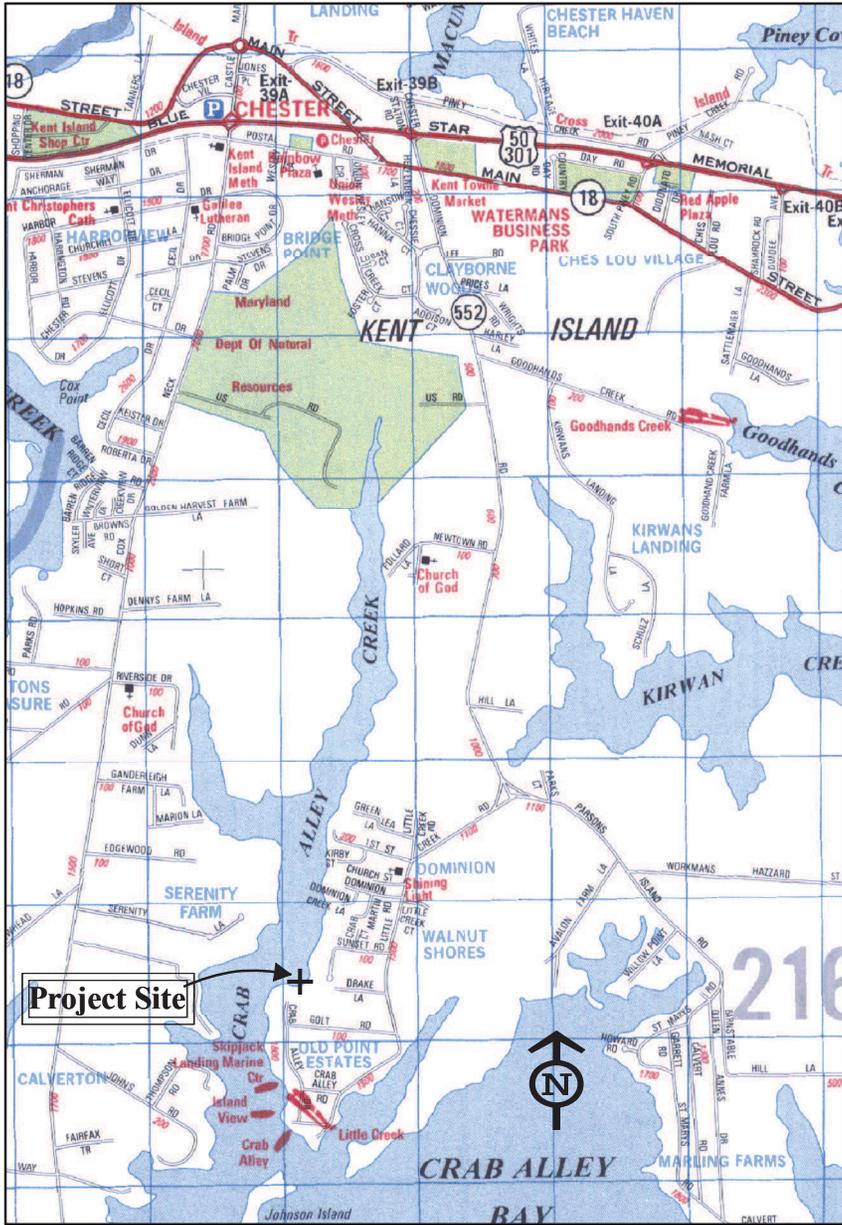
  - Plan sheet should include the type of projects proposed by applicant i.e. pier, platform, mooring piles, and boat lift.

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  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

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  - Plan sheet should depict a schematic, photograph, or plan of the type of boat lift proposed to be constructed at applicant's pier.
-

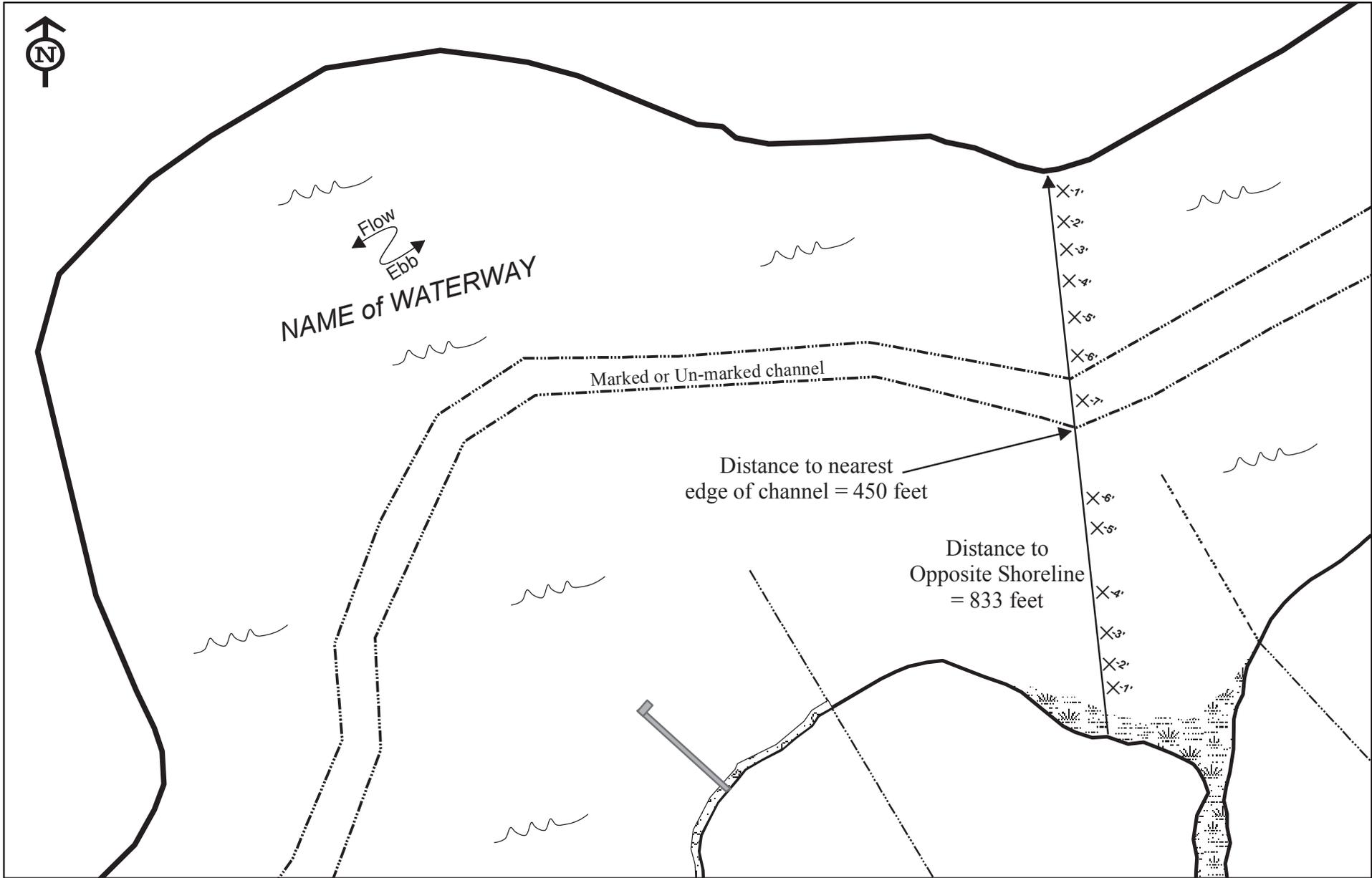


**Vicinity Map & Aerial Photo**

Project: [INSERT TYPE OF PROJECT]

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

NOTES



**Project Vicinity Conditions**

Project: Pier, Platform, Pilings, & Boatlift

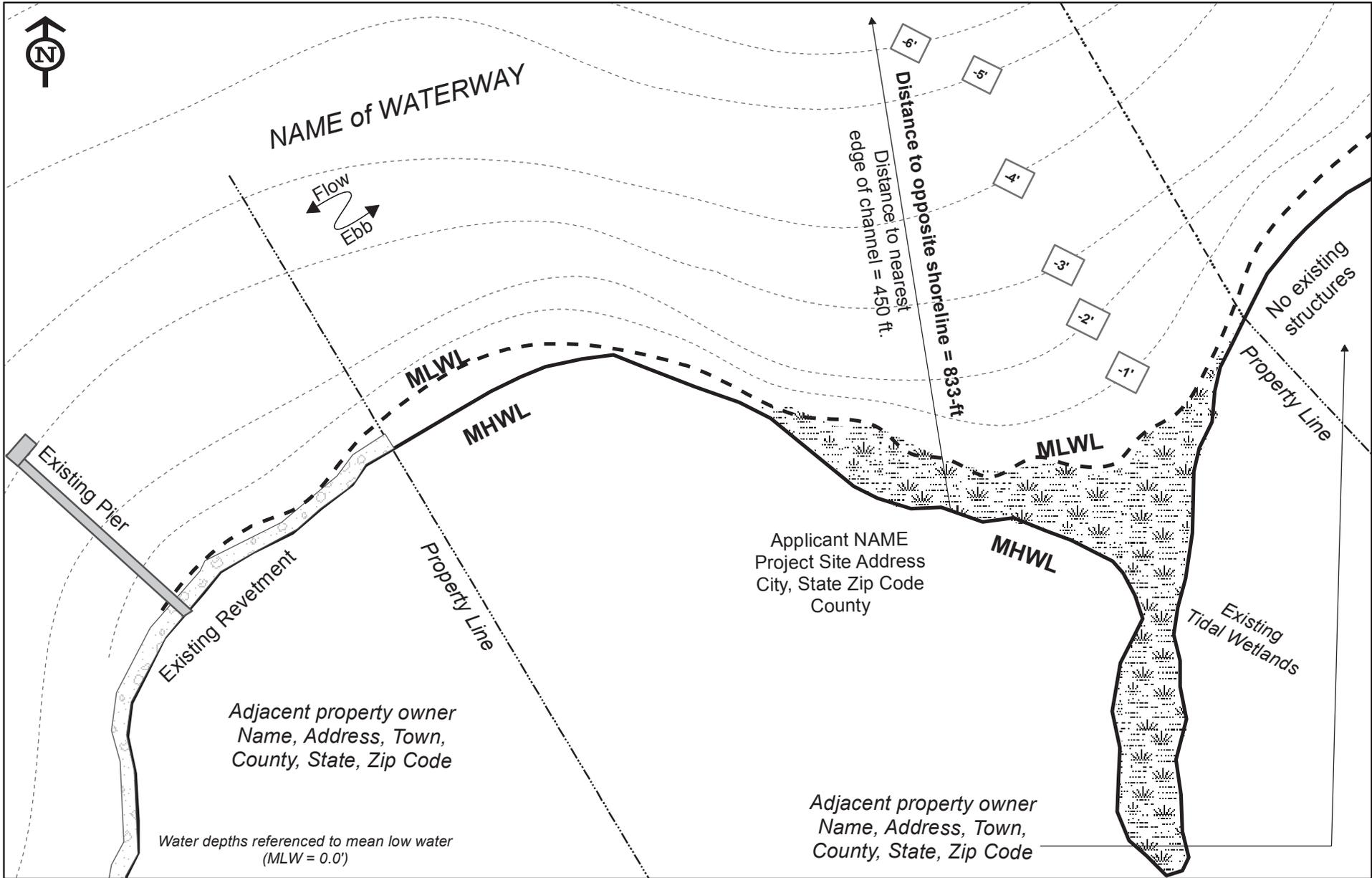


1 inch = 200 feet

*PROJECT NOTES:*

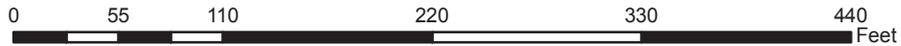
Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

DATE, Page X of Y



**Existing Conditions**

Project: Pier, Platform, Pilings, & Boatlift



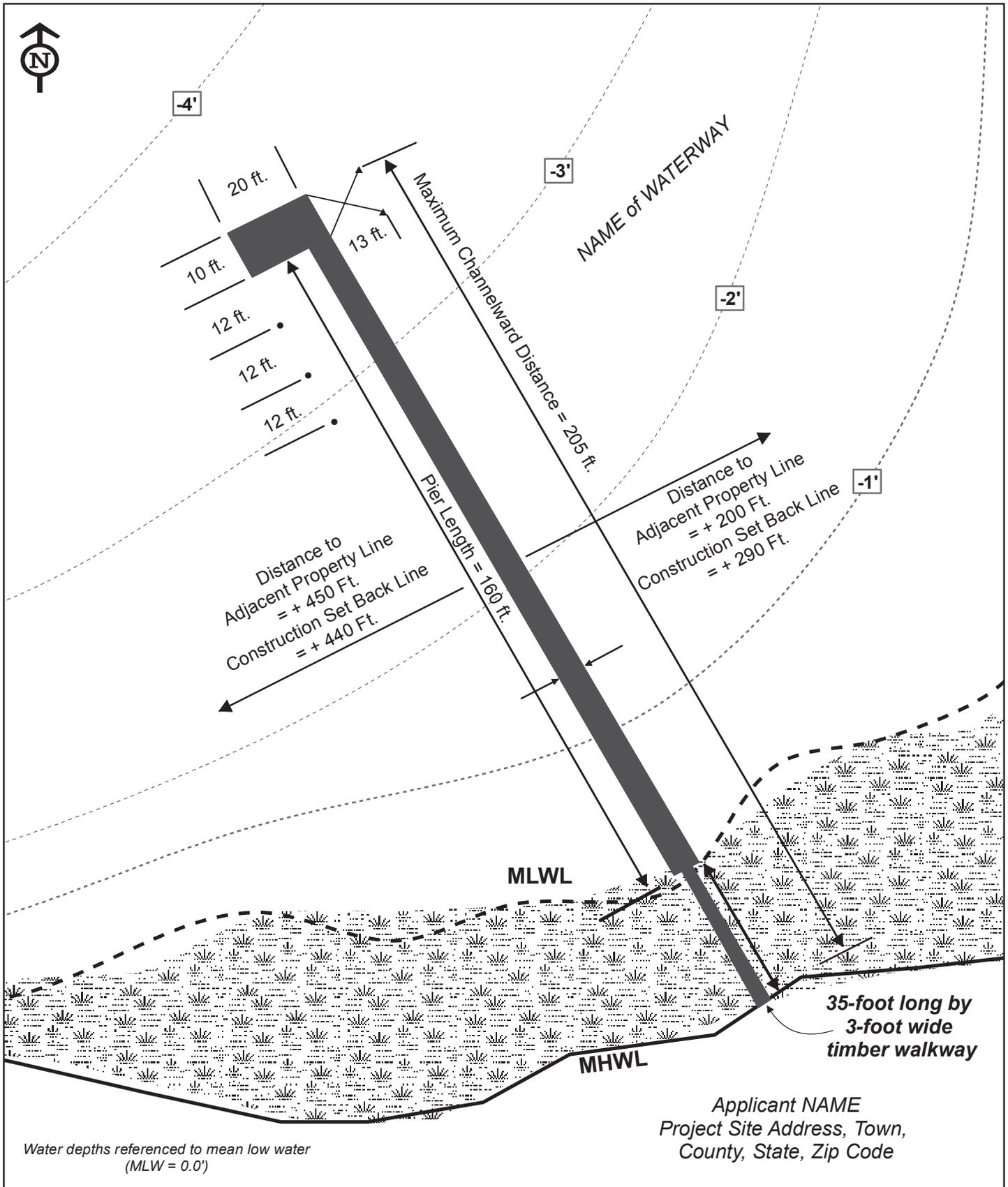
1 inch = 100 feet

**PROJECT NOTES:**

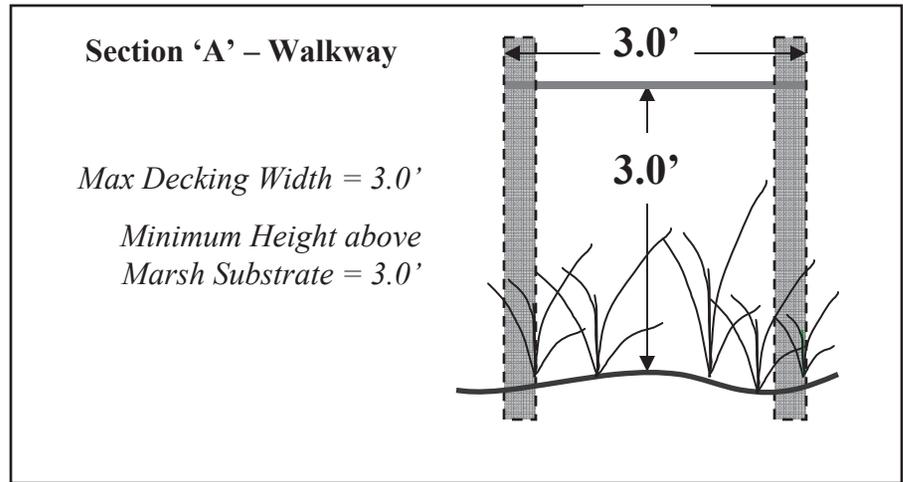
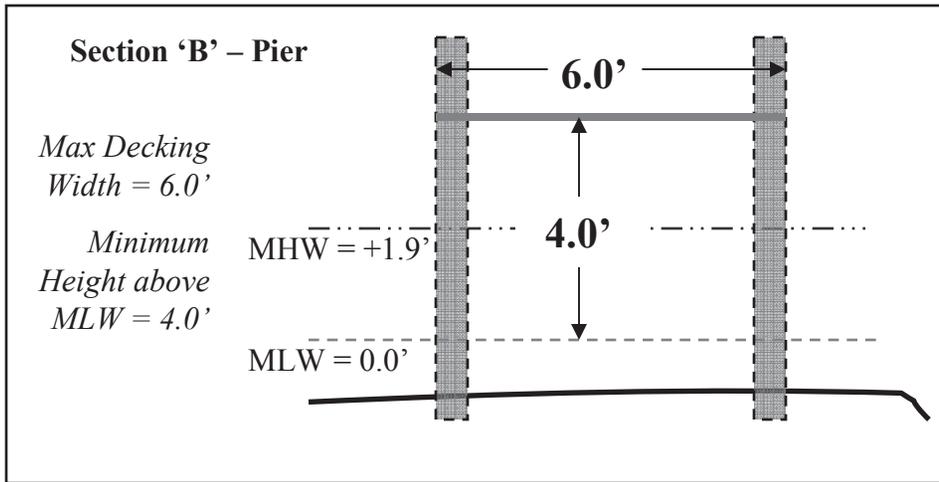
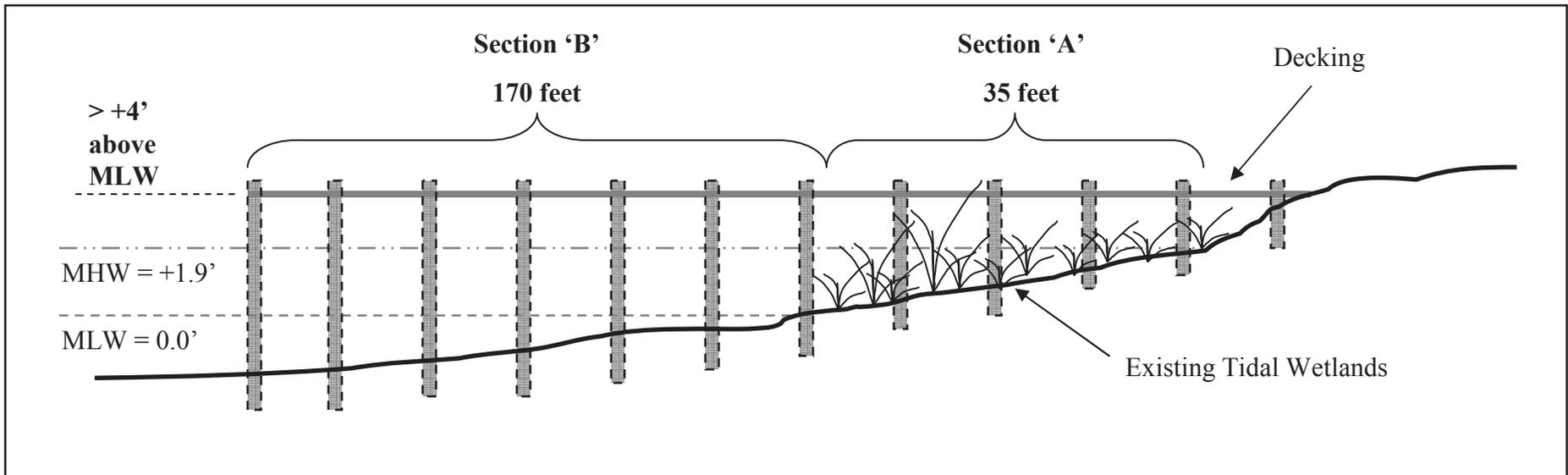
Proposed Project for:  
Applicant NAME  
Mailing Address, Town, County, State, Zip Code

- Existing Structure
- Proposed Structure

DATE, Page X of Y

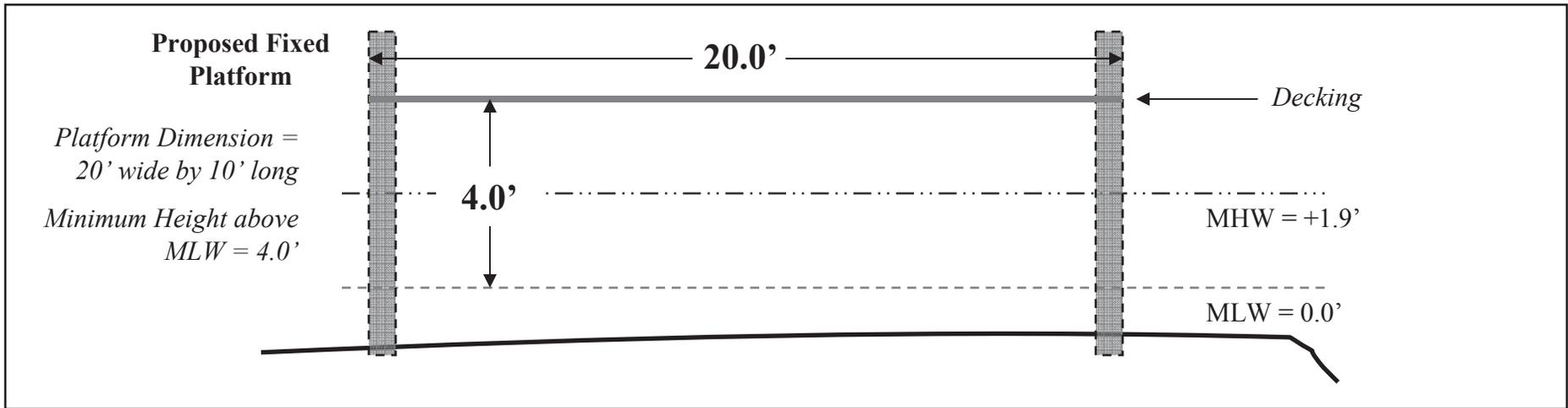
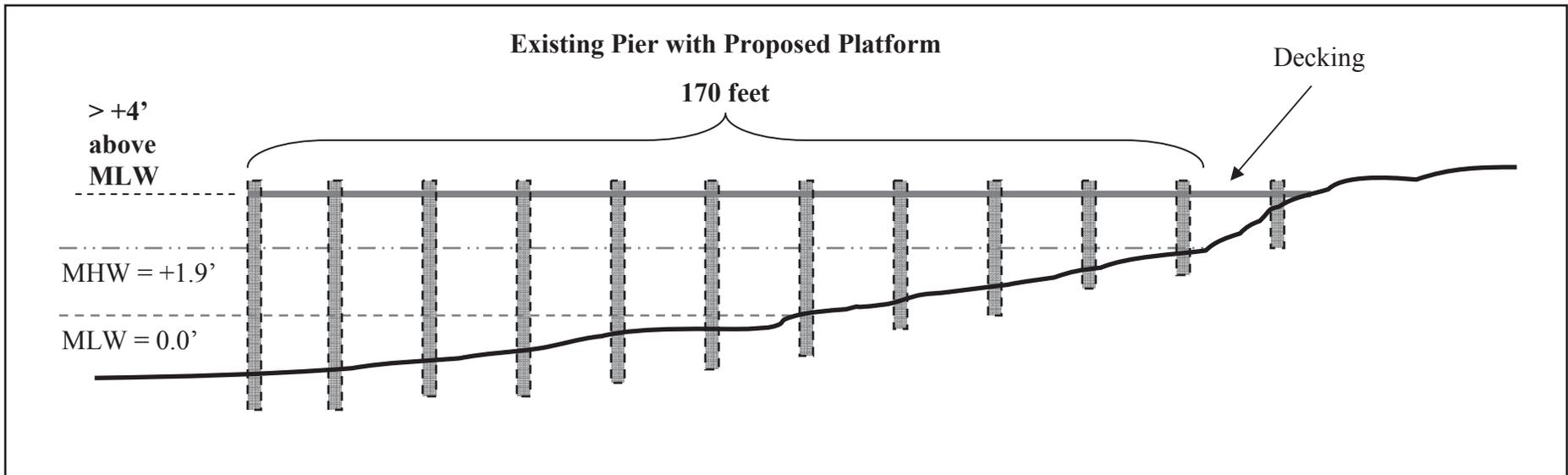


<b>Proposed Conditions</b>	 0    12.5    25    50    75    100 Feet	<b>PROJECT NOTES:</b>				
Project: Pier, Platform, Pilings, & Boatlift	1 inch = 30 feet					
Proposed Project for: Applicant NAME Mailing Address, Town, County, State, Zip Code	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">● Mooring Piling</td> <td style="text-align: center;">● Existing Structure</td> </tr> <tr> <td style="text-align: center;">▲ Boatlift Piling</td> <td style="text-align: center;">● Proposed Structure</td> </tr> </table>	● Mooring Piling	● Existing Structure	▲ Boatlift Piling	● Proposed Structure	DATE, Page X of Y
● Mooring Piling	● Existing Structure					
▲ Boatlift Piling	● Proposed Structure					



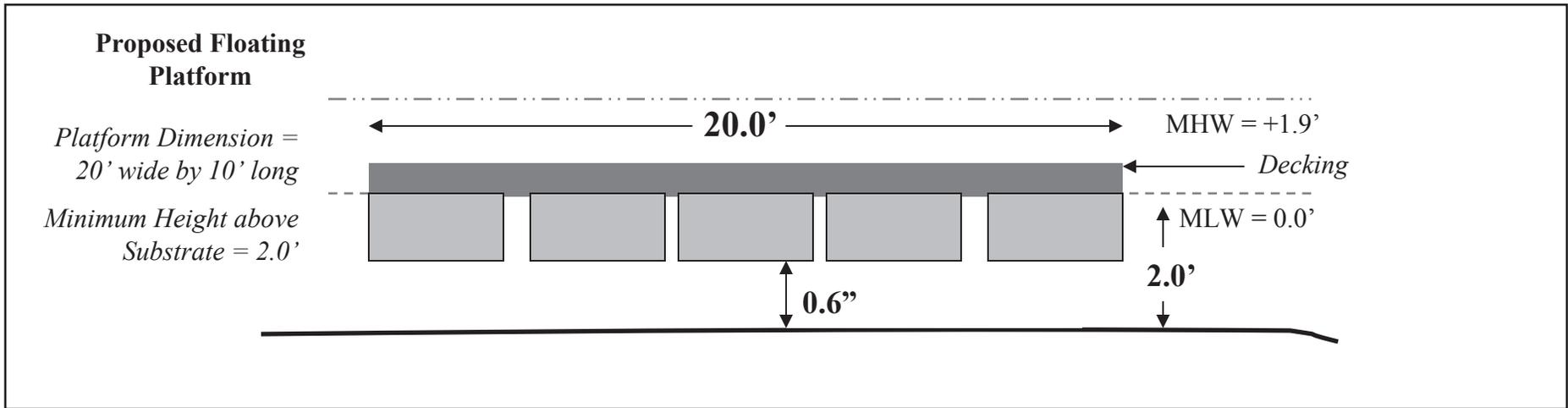
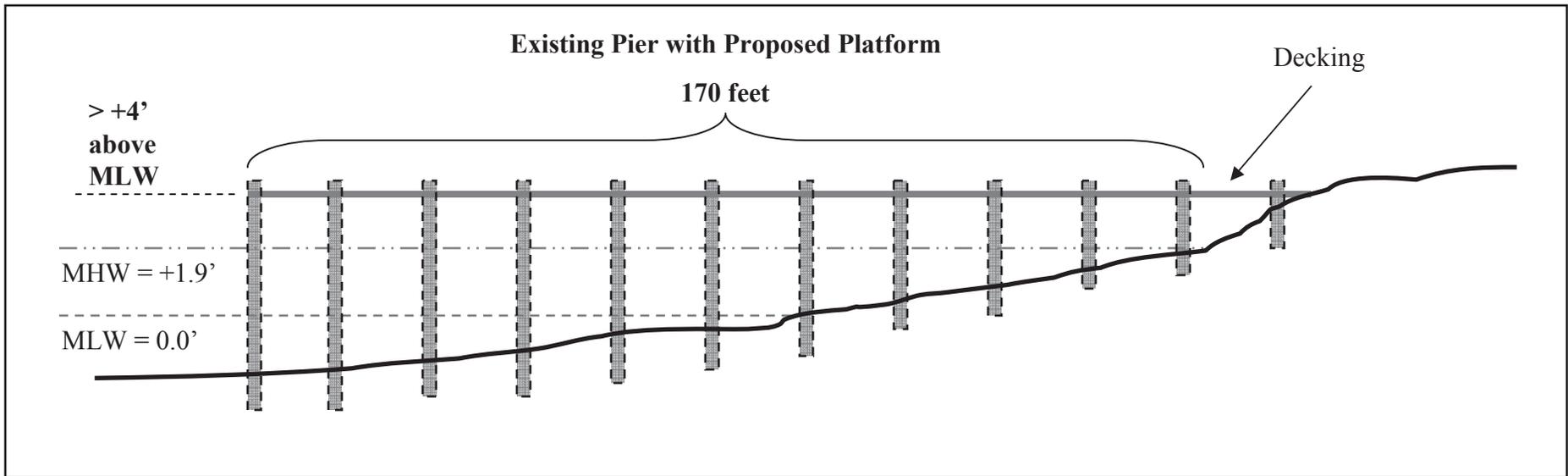
**Pier Project**

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State



### Platform on Existing Pier Project

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State



**Platform on Existing Pier Project**

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State

DATE, Page X of Y

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED REPLACEMENT BULKHEAD PROJECT**

Check list outlines the minimum required information for a proposed project; additional information may be required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

- Requires application processing fee\* (1.5 feet / 18 inches channelward of existing, functional bulkhead)
- Exempt from application processing fee\* (in-kind – replacement in the exact same footprint of existing, functional bulkhead (NO CHANNELWARD ENCROACHMENT) **(In-kind is defined as "...replacement of a structure with a structure of similar materials and dimensions" per COMAR 26.24.01.02A(24) and functionality is defined as 85% per COMAR 26.24.01.02A(20))**)

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

NOTE: This guideline and sample plans are for the replacement of a bulkhead 1.5 feet/18 inches channelward of a functional, existing bulkhead. It is recommended that an applicant schedule a pre-application visit with MDE to determine if the existing bulkhead is functional according to MDE guidelines. A functional, existing bulkhead may be replaced, otherwise an alternative method of shoreline erosion control must be proposed.

**APPLICATION GUIDELINE**

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- ABBREVIATED JOINT FEDERAL / STATE APPLICATION FOR THE ALTERATION OF ANY TIDAL WETLAND AND/OR TIDAL WATERS IN MARYLAND
  - Plans
  - Photographs of existing bulkhead
- 

**GENERAL PLAN REQUIREMENTS**

---

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
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**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. replacement bulkhead.
-

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## VICINITY MAP & AERIAL PHOTO PLAN SHEET (CONTINUED)

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- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Vicinity map and aerial photo should be sized to clearly depict the project site and surround area, but each map should no smaller than 4" by 4" in size.
  - Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.
  - Aerial photograph should be no more than 10 years old from date of application.
  - Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.
- 

## EXISTING CONDITION PLAN SHEET(S)

---

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. replacement bulkhead
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).
  - Plan view should include water depths marked as either contours or spot depths.
  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
  - Plan view should include the property lines (labeled) extended channelward.
  - Plan view should depict the existing bulkhead and include the linear feet of shoreline proposed to be impacted by construction of the replacement bulkhead.
  - Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.
  - Plan view should include all existing structures, including vegetated wetlands and SAV, on the applicant's property and adjacent riparian properties.
- 

## PROPOSED CONDITION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. replacement bulkhead.
-

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## PROPOSED CONDITION PLAN SHEET(S) (CONTINUED)

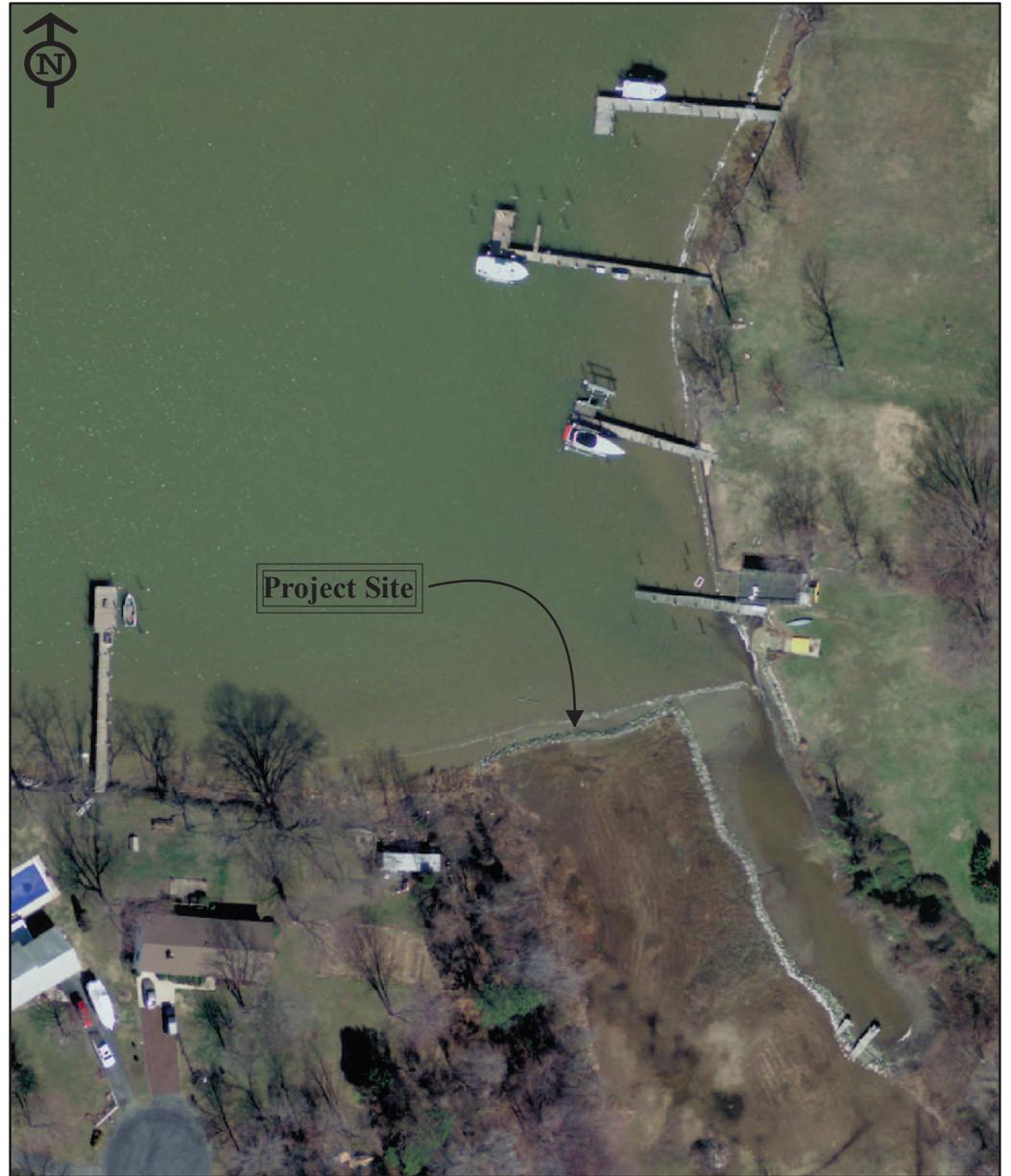
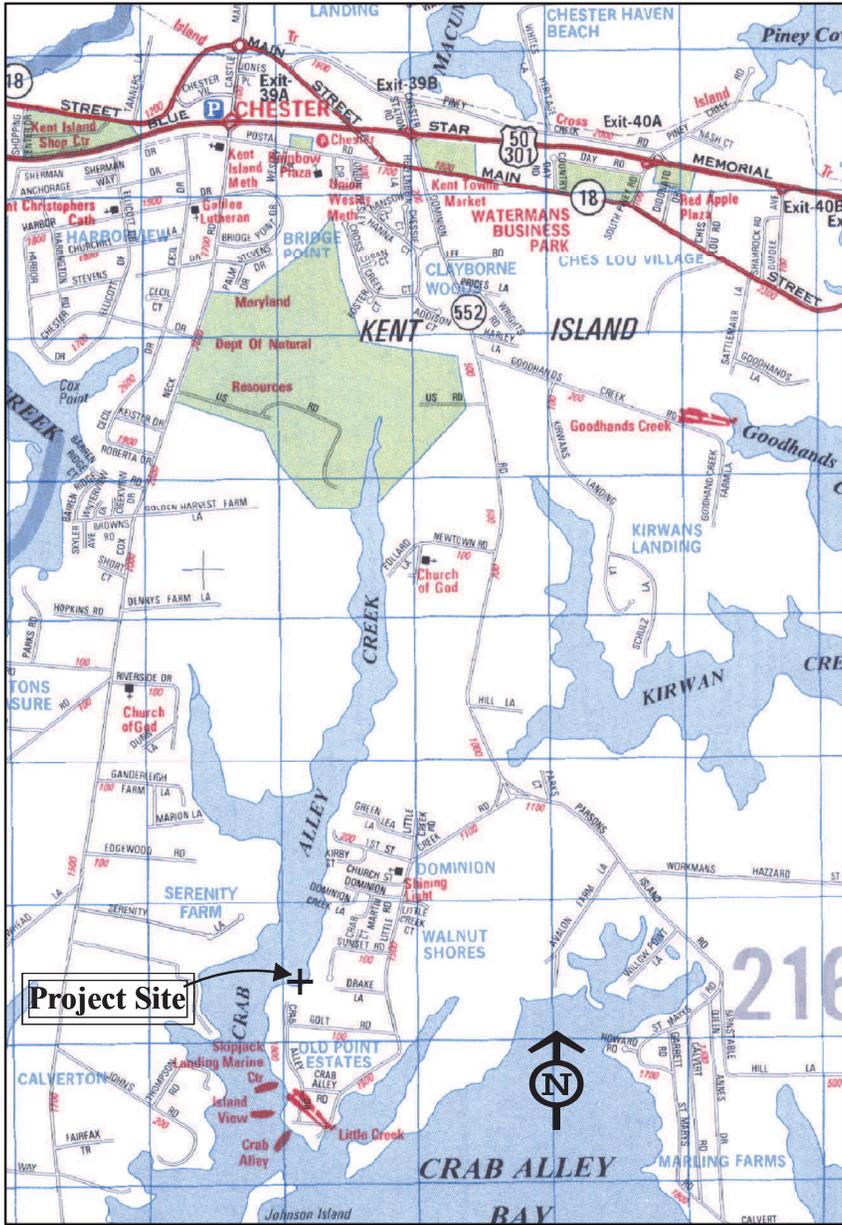
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- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet). *If the MHWL or the MLWL are to be altered during construction the proposed MHWL and MLWL should also be labeled.*
  - Plan view should include water depths marked as either contours or spot depths.
  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
  - Plan view should include the property lines (labeled) extended channelward.
  - Plan view should depict the existing bulkhead and the proposed replacement bulkhead along the shoreline and accurately depict the maximum channelward encroachment, from the existing bulkhead, along the entire project (1.5 feet/ 18 inches).
  - Plan view should include the applicant's property and any erosion control structures on adjacent riparian properties that will be abutted by the replacement bulkhead.
- 

## CROSS-SECTION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. replacement bulkhead.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of bank. Example: MLW = 0.0', MHW = + 1.9', + 4.0' Top of Bank.
  - Cross-Section should depict existing bank, existing bulkhead (depict sheathing & pilings), proposed bulkhead (depict sheathing & pilings), maximum channelward extent of 1.5 feet/18 inches from existing bulkhead (**1.5 feet/18 inches is measured from the outboard edge of the pilings of the existing bulkhead to the inboard edge of the sheathing of the proposed bulkhead**), any proposed fill landward of the existing and proposed bulkhead, and proposed method to prevent loss of fill material to the waters of the State (i.e. filter cloth).
-

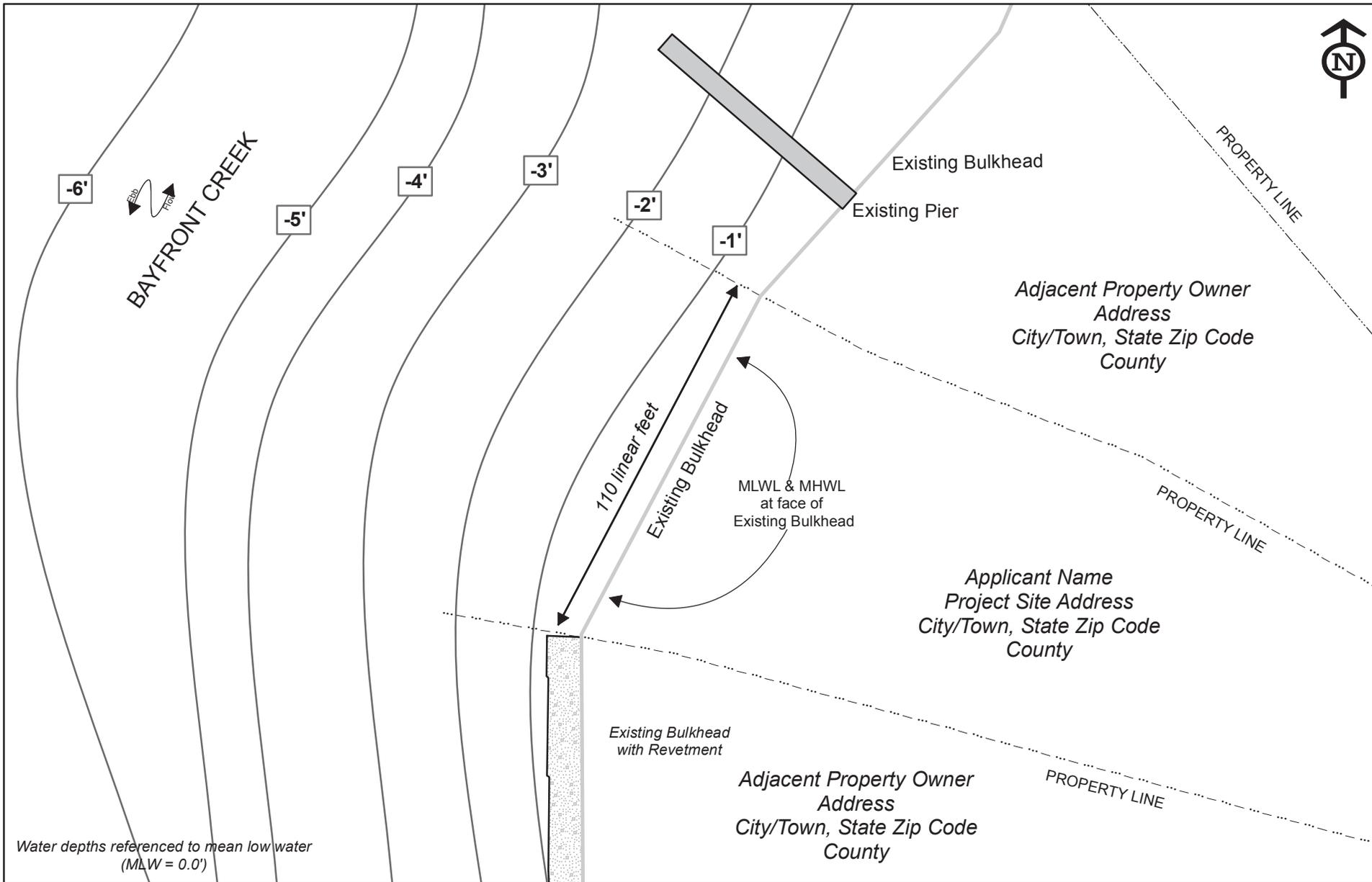


**Vicinity Map & Aerial Photo**

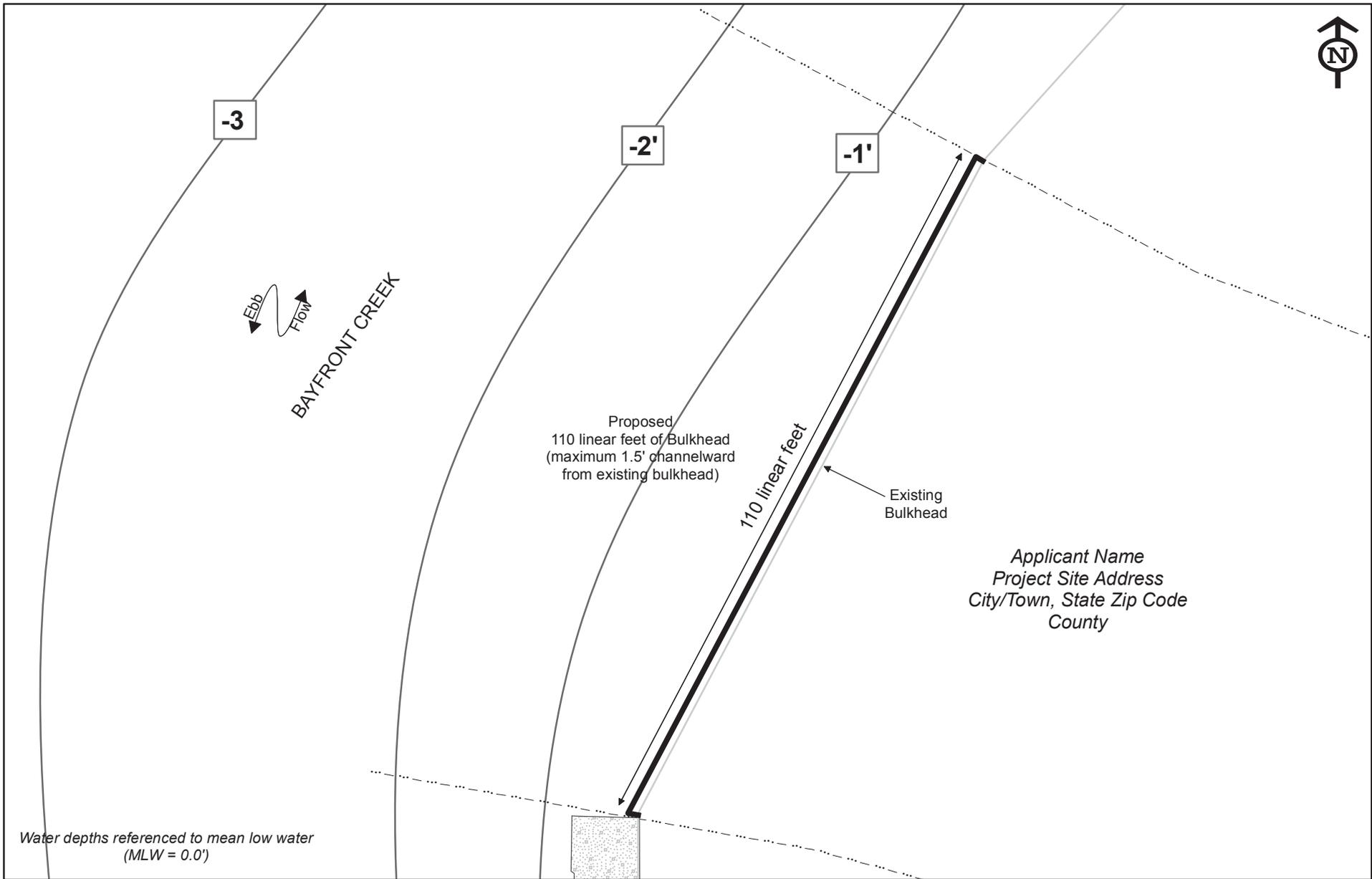
Project: [INSERT TYPE OF PROJECT]

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

NOTES



<p><b>Existing Conditions</b></p> <p>Project: Replacement Bulkhead</p> <p>Proposed Project for:</p> <p>Applicant NAME</p> <p>Mailing Address, Town, County, State, Zip Code</p>	<p>0 10 20 40 60 80 100 120 Feet</p> <p>1 inch = 40 feet</p>	<p><b>PROJECT NOTES:</b></p> <p>Existing Structure</p> <p>DATE, Page X of Y</p>
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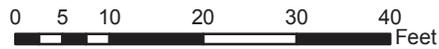
**Proposed Conditions**

Project: Replacement Bulkhead

Proposed Project for:

Applicant NAME

Mailing Address, Town, County, State, Zip Code

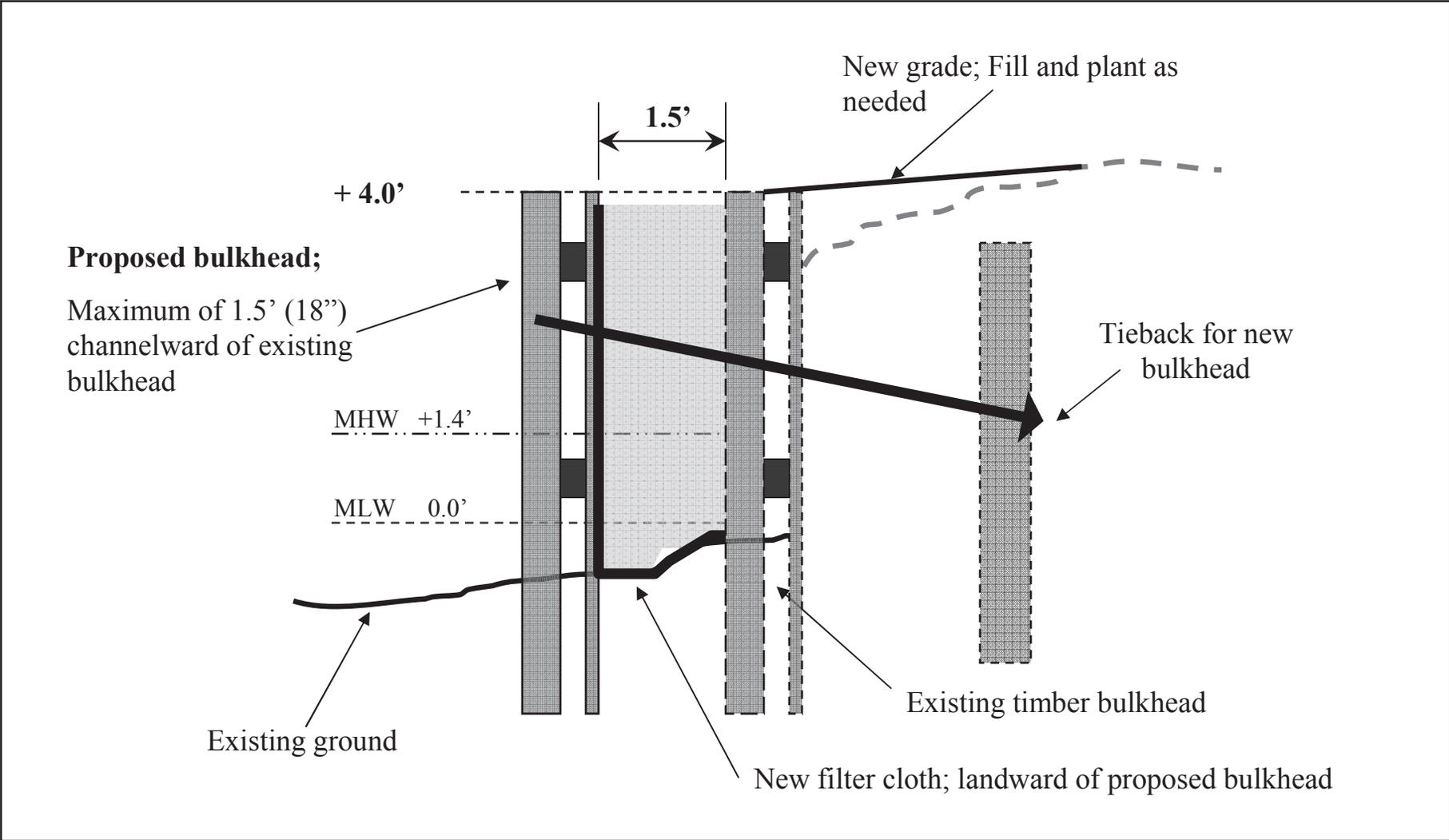


1 inch = 20 feet

**PROJECT NOTES:**

- Existing Structure
- Proposed Structure

**DATE, Page X of Y**



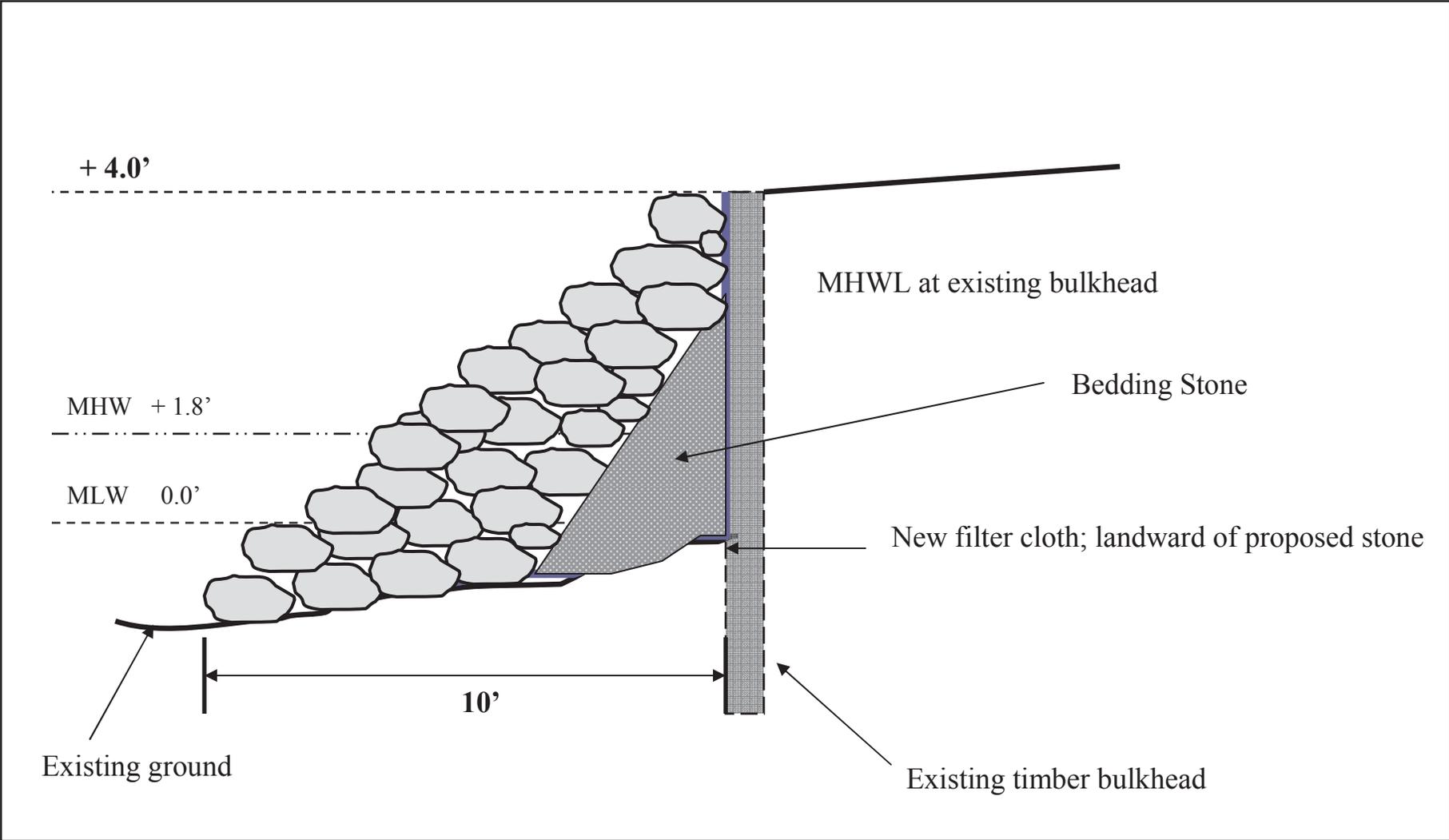
**Project: Replacement Bulkhead**

**PROJECT NOTES:**

Proposed Project Cross-section for:  
Applicant Name  
Mailing Address, Town, County, State

110 Linear Feet of Replacement Bulkhead,  
constructed no more than 1.5-feet (18")  
channelward of existing structure.

DATE, Page X of Y

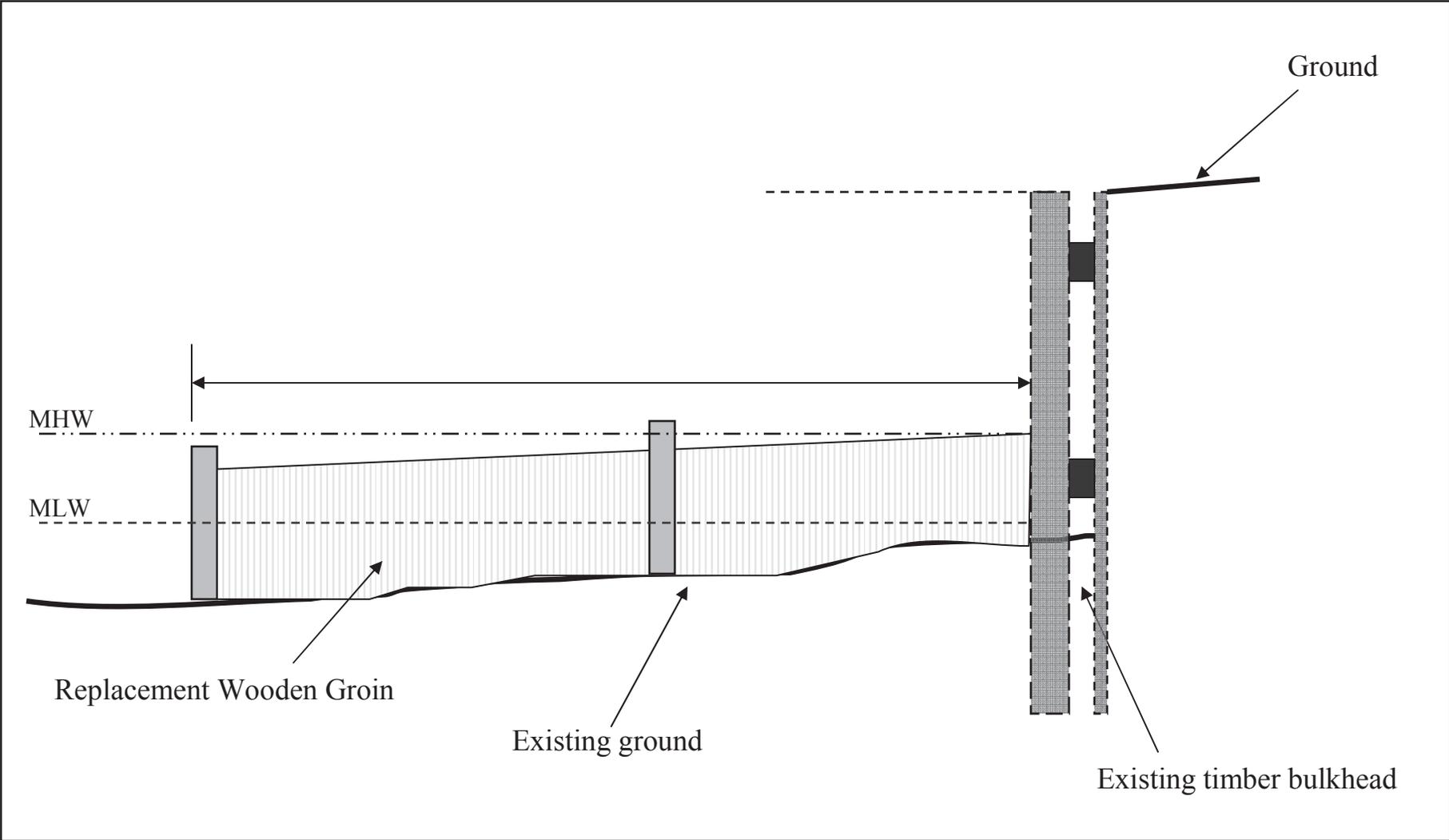


**Project: Stone Revetment Channelward of Existing Bulkhead**

Proposed Project:

Proposed Project Applicant:  
 Applicant Name  
 Mailing Address, Town, County, State

NOTES: XXX Linear Feet of Stone  
 Revetment extending X feet channelward  
 of an existing Bulkhead



**Project: Replacement Wooden Groin**

**on Existing Bulkhead**

Proposed Project Cross-section for:  
 Applicant Name  
 Address, City, Zipcode

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED REVETMENT PROJECT**

Check list outlines the minimum required information for a proposed project; additional information may be required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

- Requires application processing fee
- Exempt from application processing fee

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

**GENERAL PLAN REQUIREMENTS**

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
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**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. revetment.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Vicinity map and aerial photo should be sized to clearly depict the project site and surround area, but each map should no smaller than 4" by 4" in size.
  - Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.
  - Aerial photograph should be no more than 10 years old from date of application.
  - Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.
- 

**EXISTING CONDITION PLAN SHEET(S)**

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. revetment.
-

## EXISTING CONDITION PLAN SHEET(S) (CONTINUED)

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- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).
  - Plan view should include water depths marked as either contours or spot depths.
  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
  - Plan view should include the property lines (labeled) extended channelward.
  - Plan view should include the linear feet of shoreline proposed to be impacted by construction of the revetment.
  - Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.
  - Plan view should include all existing structures, including vegetated wetlands and SAV, on the applicant's property and adjacent riparian properties.
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## PROPOSED CONDITION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. revetment.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet). *If the MHWL or the MLWL are to be altered during construction the proposed MHWL and MLWL should also be labeled.*
  - Plan view should include water depths marked as either contours or spot depths that extend across the width of the waterway.
  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
  - Plan view should include the property lines (labeled) extended channelward.
  - Plan view should depict the proposed revetment along shoreline proposed to be impacted by construction and accurately depict the max channelward encroachment along the entire project.
  - Plan view should include the applicant's property and any erosion control structures on adjacent riparian properties that will be abutted by the revetment.
-

## CROSS-SECTION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

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- Plan sheet should include the type of projects proposed by applicant i.e. revetment.

---

- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

---

- Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of bank. Example: MLW = 0.0', MHW = + 1.9', + 4.0' Top of Bank.

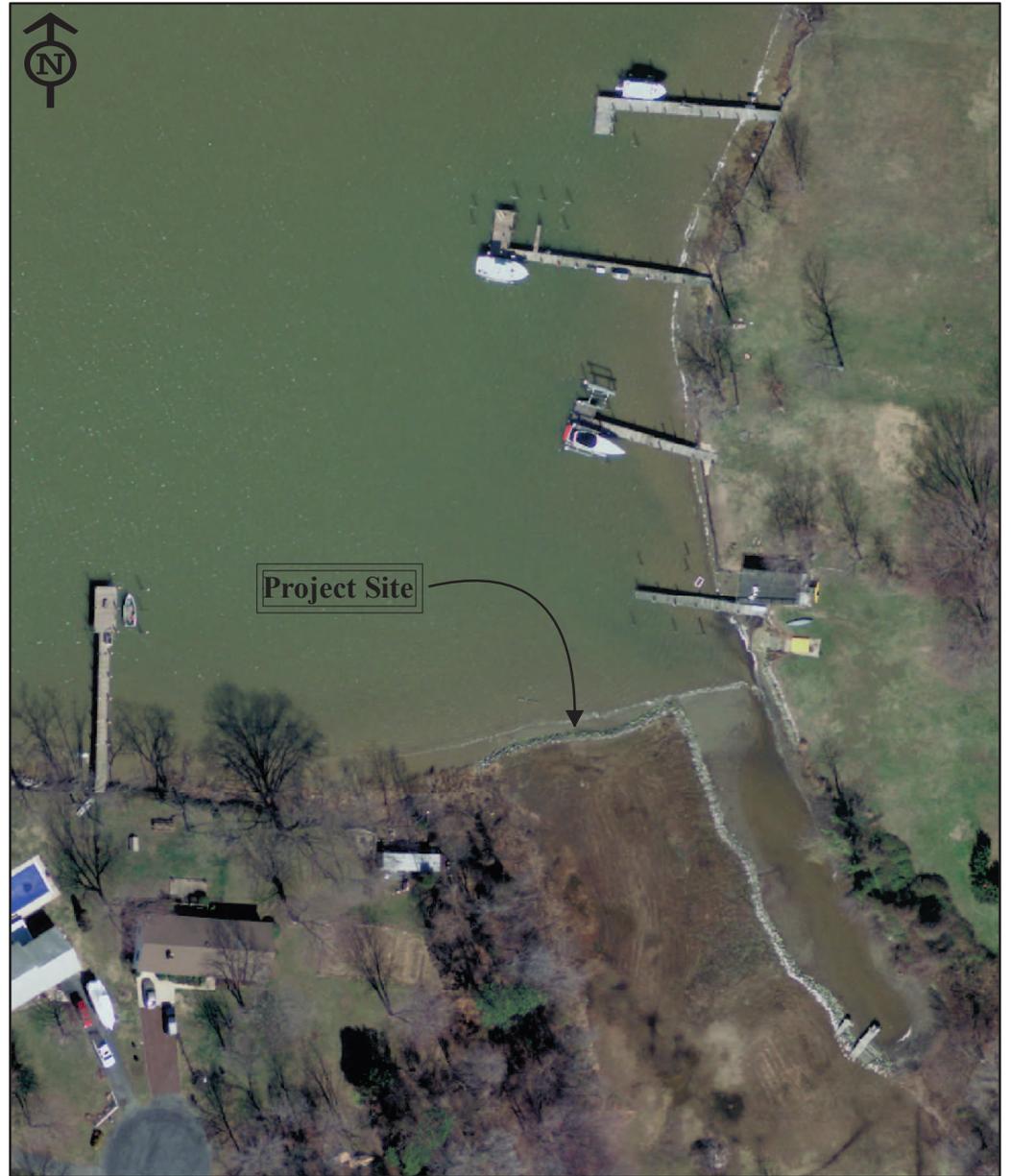
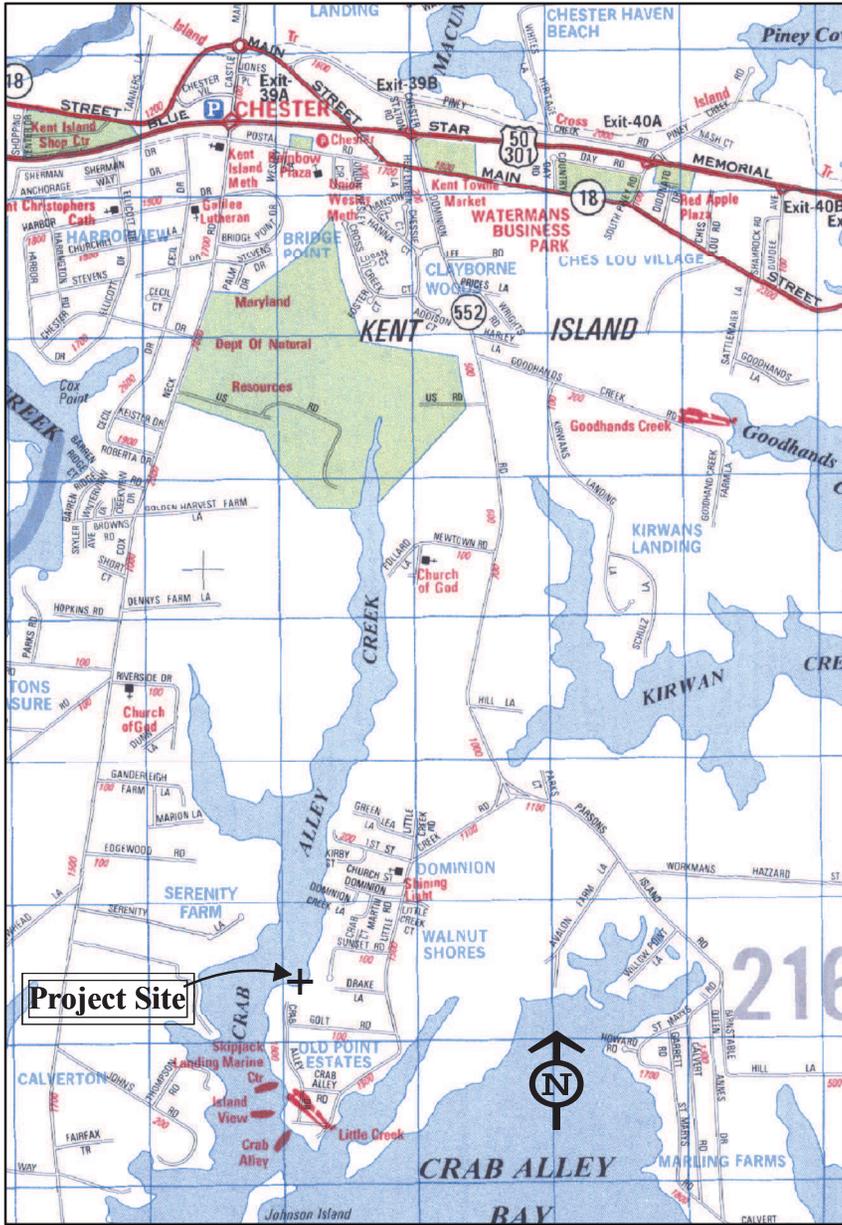
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- Existing Cross-Section should depict existing bank and slope.

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- Proposed Cross-Section should depict the proposed revetment, any grading and fill necessary for construction, maximum channelward encroachment from the Mean High Water (MHW), the material used to prevent the loss of fill material to the waters of the State i.e. filter cloth, and the slope of revetment.

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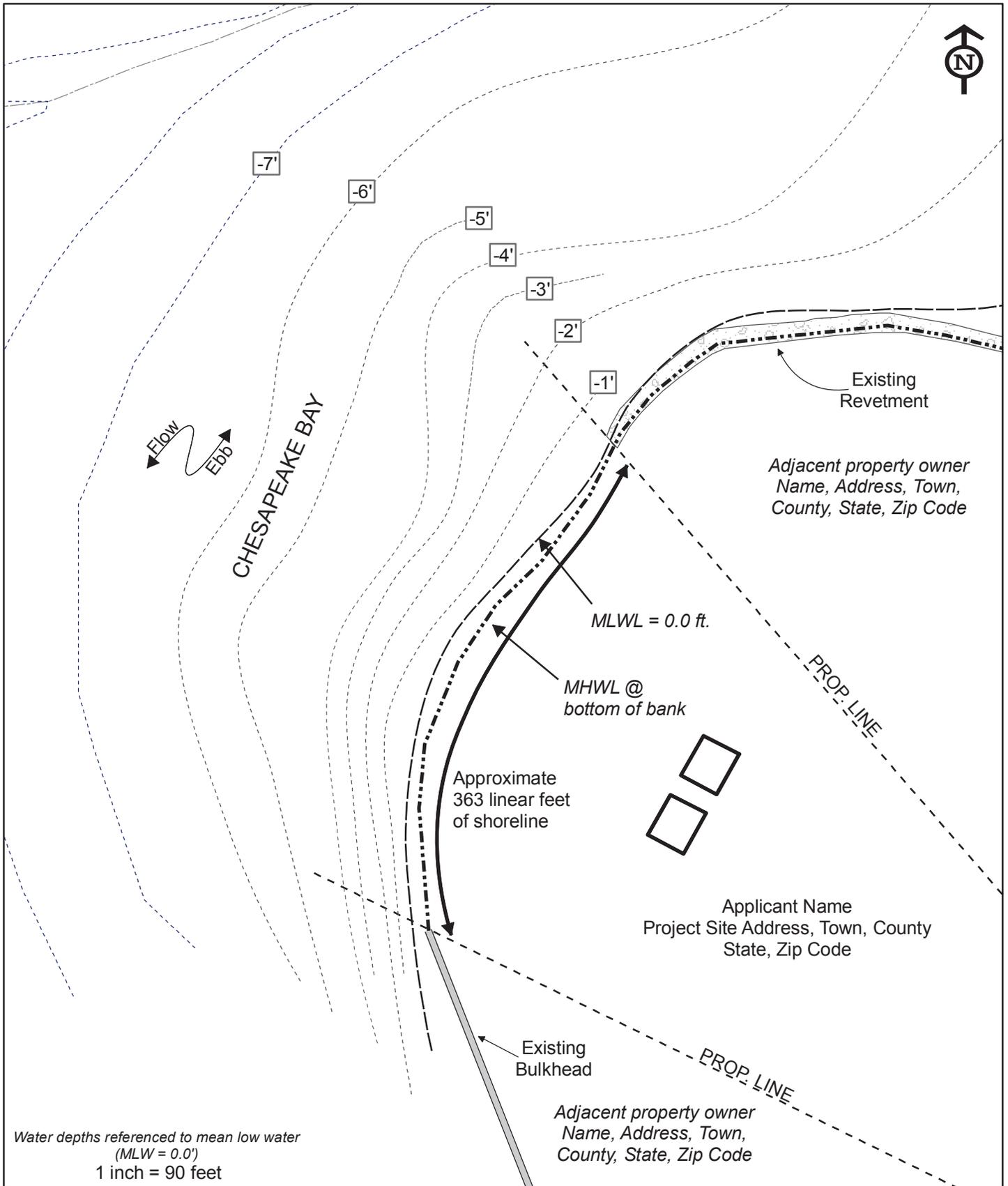


**Vicinity Map & Aerial Photo**

Project: [INSERT TYPE OF PROJECT]

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

NOTES



### Existing Conditions

Project: Revetment

Proposed Project for:

Applicant NAME

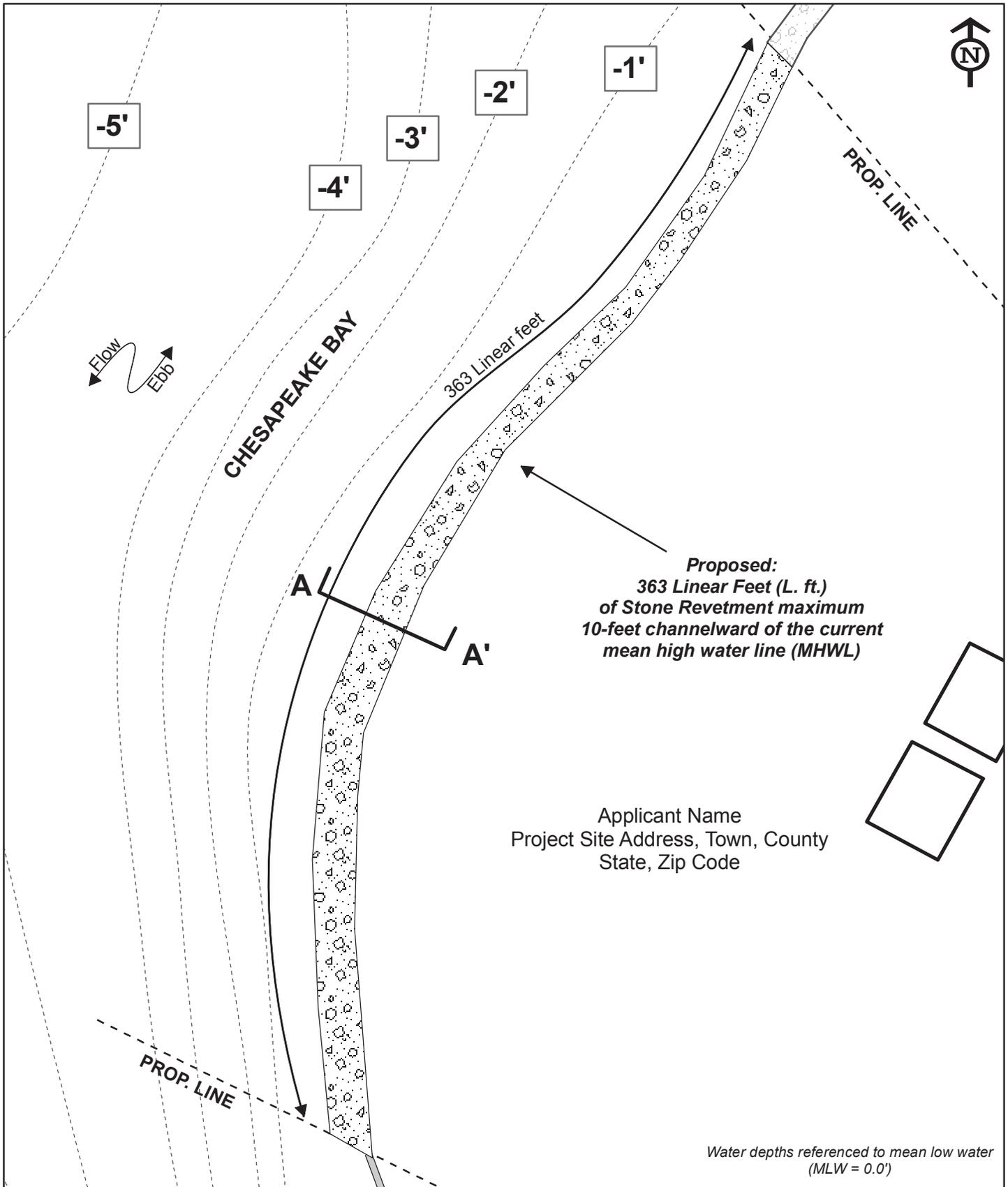
Mailing Address, Town, County, State, Zip Code



PROJECT NOTES:



DATE, Page X of Y



**Proposed Conditions**

Project: Revetment



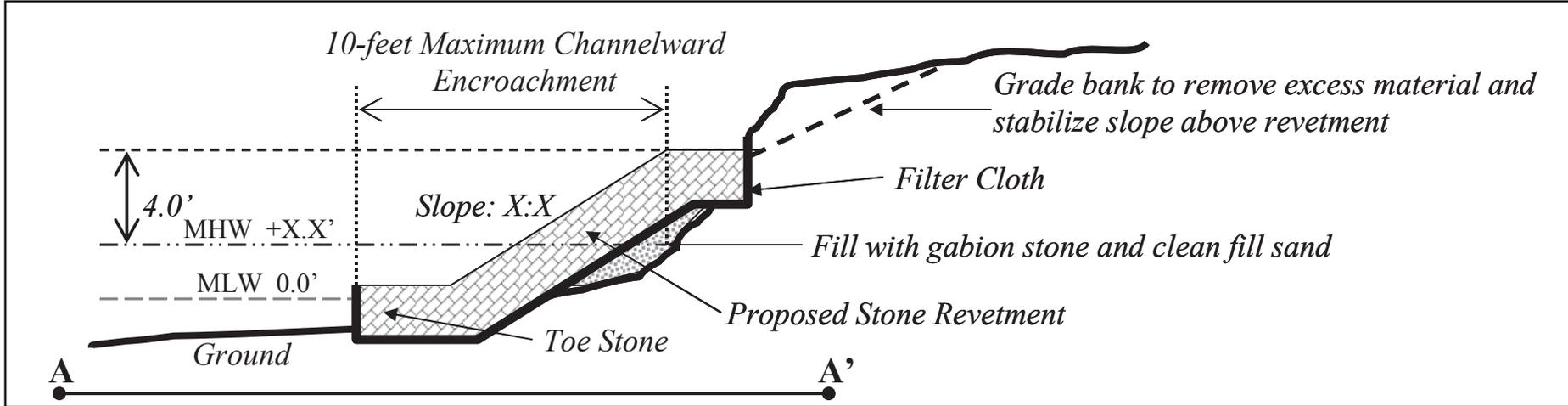
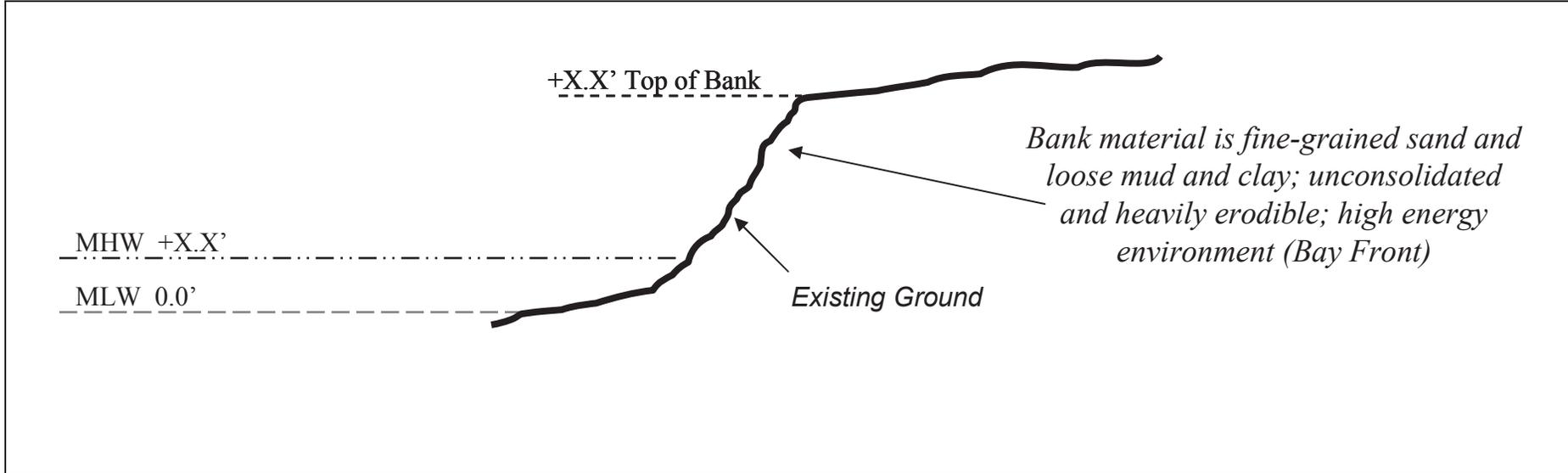
1 inch = 40 feet

**PROJECT NOTES:**

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

- Existing Structure
- Proposed Structure

DATE, Page X of Y

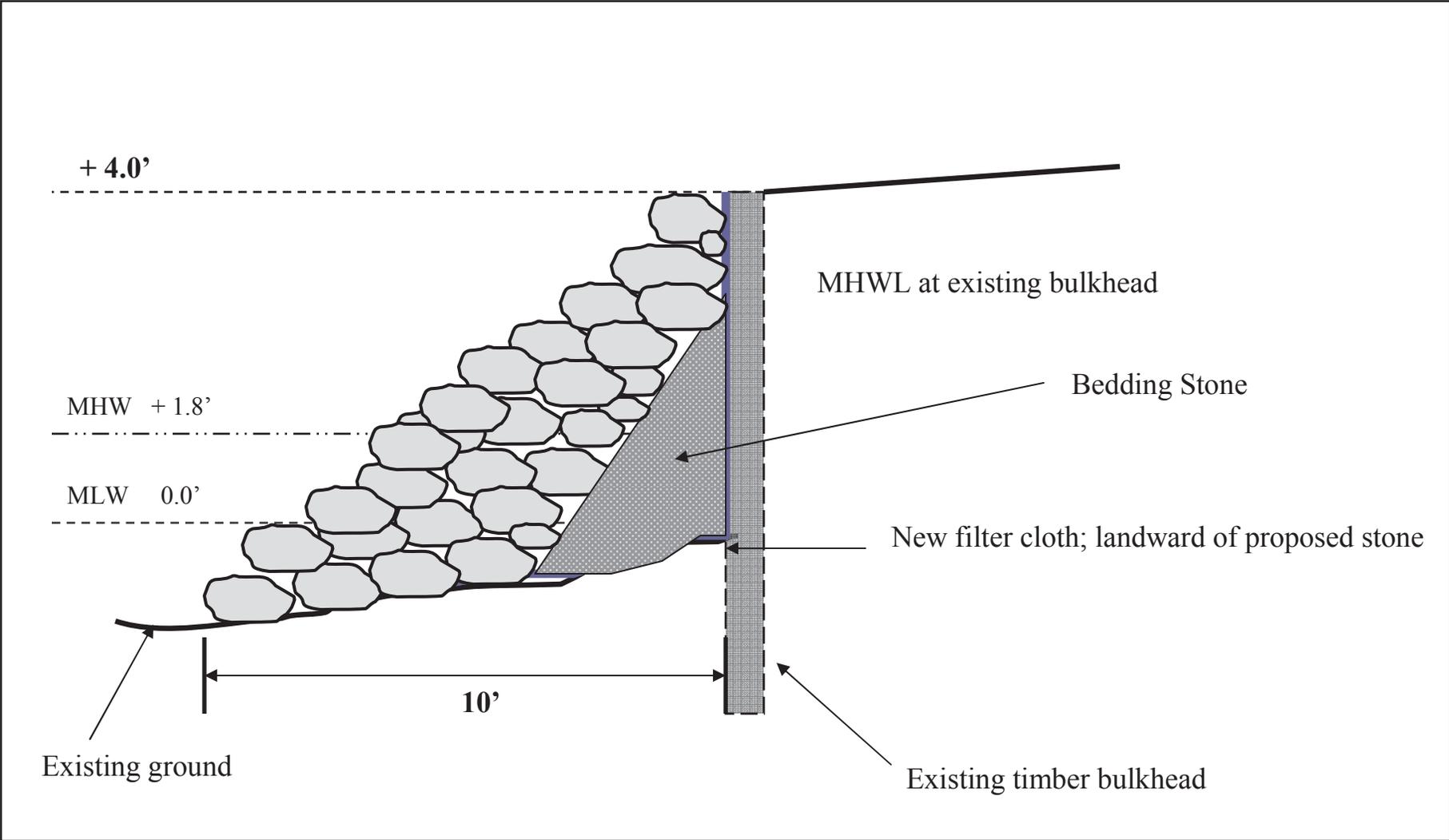


**Project: Revetment**

NOTES: Class of stone used, clean fill

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State

DATE, Page X of Y



**Project: Stone Revetment Channelward of Existing Bulkhead**

Proposed Project:

Proposed Project Applicant:  
 Applicant Name  
 Mailing Address, Town, County, State

NOTES: XXX Linear Feet of Stone  
 Revetment extending X feet channelward  
 of an existing Bulkhead

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED LIVING SHORELINE PROJECT**

Check list outlines the minimum required information for a proposed project; additional information may be required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

- Exempt from application processing fee (**No other project types are proposed at applicant's site**)
- Requires application processing fee (other project types proposed in conjunction with living shoreline i.e. living shoreline & revetment, living shoreline & pier, etc)

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

**GENERAL PLAN REQUIREMENTS**

---

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- 

**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

---

- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Vicinity map and aerial photo should be sized to clearly depict the project site and surround area, but each map should no smaller than 4" by 4" in size.
  - Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.
  - Aerial photograph should be no more than 10 years old from date of application.
  - Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.
- 

**PROJECT AREA CONDITIONS PLAN SHEET(S)**

---

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable visual scaled appropriate for area of project vs. 8.5" x 11" sheet. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

## PROJECT AREA CONDITIONS PLAN SHEET(S) (CONTINUED)

- Plan sheet should include the Mean High Water Line (MHWL) of project's shoreline and the MHWL of the opposite shoreline reflecting the maximum fetch.
- Plan sheet should include the name of the waterway, North arrow, and direction of ebb/flow tide.
- Plan sheet should include the maximum fetch.
- Plan sheet should include the property lines (labeled) extended channelward.

## EXISTING CONDITION PLAN SHEET(S)

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
- Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).
- Plan view should include water depths marked as either contours or spot depths that extend channelward a minimum of 100 feet channelward of the Mean High Water Line (MHWL) or 100 feet channelward of the channelward most proposed structure.
- Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
- Plan view should include the property lines (labeled) extended channelward.
- Plan view should include the linear feet of shoreline proposed to be impacted by construction of the living shoreline.
- Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.
- Plan view should include all existing structures, including vegetated wetlands and SAV, on the applicant's property and adjacent riparian properties.

## PROPOSED CONDITION PLAN SHEET(S)

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

## PROPOSED CONDITION PLAN SHEET(S) (CONTINUED)

- 
- Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet). *If the MHWL or the MLWL are to be altered during construction the proposed MHWL and MLWL should also be labeled.*

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  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.

---

  - Plan view should include the property lines (labeled) extended channelward.

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  - Plan view should depict the linear feet of shoreline proposed to be impacted by construction and accurately depict the max channelward encroachment along the entire project.

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  - Plan view should include the applicant's property and any erosion control structures on adjacent riparian properties that may be abutted by the sill or groin structures.

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  - Plan view should clearly depict the area of low marsh plantings, the area of high marsh plantings, the species of plant in each area, and the channelward extent.

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  - Plan view should clearly depict the channelward extent of any proposed sand containment structure i.e. low profile sill or groin structures and any window openings associated with each structure.
- 

## CROSS-SECTION PLAN SHEET(S)

- 
- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

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  - Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.

---

  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

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  - Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of the proposed sill or proposed groin. Example: MLW = 0.0', MHW = + 1.9', + 2.4' Top of sill.

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  - Proposed Living Shoreline Cross-Section(s) should depict existing bank and slope, proposed slope (including slope ratio) and fill area, existing and proposed Mean High Water Line (MHWL), depiction of proposed sill or groin with channelward extent, proposed low marsh with channelward extent, proposed high marsh with channelward extent, and species of plant proposed to be planted in each area.

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  - Proposed Sill Opening Cross-Section(s) should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of the proposed sill or proposed groin. Example: MLW = 0.0', MHW = + 1.9', + 2.4' Top of sill.
-

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED LIVING SHORELINE PROJECT**

Check list outlines the minimum required information for a proposed project; additional information may be required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

- Exempt from application processing fee (**No other project types are proposed at applicant's site**)
- Requires application processing fee (other project types proposed in conjunction with living shoreline i.e. living shoreline & revetment, living shoreline & pier, etc)

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

**GENERAL PLAN REQUIREMENTS**

---

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
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**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

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- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Vicinity map and aerial photo should be sized to clearly depict the project site and surround area, but each map should no smaller than 4" by 4" in size.
  - Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.
  - Aerial photograph should be no more than 10 years old from date of application.
  - Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.
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**PROJECT AREA CONDITIONS PLAN SHEET(S)**

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable visual scaled appropriate for area of project vs. 8.5" x 11" sheet. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

## PROJECT AREA CONDITIONS PLAN SHEET(S) (CONTINUED)

- Plan sheet should include the Mean High Water Line (MHWL) of project's shoreline and the MHWL of the opposite shoreline reflecting the maximum fetch.
- Plan sheet should include the name of the waterway, North arrow, and direction of ebb/flow tide.
- Plan sheet should include the maximum fetch.
- Plan sheet should include the property lines (labeled) extended channelward.

## EXISTING CONDITION PLAN SHEET(S)

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
- Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).
- Plan view should include water depths marked as either contours or spot depths that extend channelward a minimum of 100 feet channelward of the Mean High Water Line (MHWL) or 100 feet channelward of the channelward most proposed structure.
- Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
- Plan view should include the property lines (labeled) extended channelward.
- Plan view should include the linear feet of shoreline proposed to be impacted by construction of the living shoreline.
- Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.
- Plan view should include all existing structures, including vegetated wetlands and SAV, on the applicant's property and adjacent riparian properties.

## PROPOSED CONDITION PLAN SHEET(S)

- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
- Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.
- Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

## PROPOSED CONDITION PLAN SHEET(S) (CONTINUED)

- 
- Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet). *If the MHWL or the MLWL are to be altered during construction the proposed MHWL and MLWL should also be labeled.*

---

  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.

---

  - Plan view should include the property lines (labeled) extended channelward.

---

  - Plan view should depict the linear feet of shoreline proposed to be impacted by construction and accurately depict the max channelward encroachment along the entire project.

---

  - Plan view should include the applicant's property and any erosion control structures on adjacent riparian properties that may be abutted by the sill or groin structures.

---

  - Plan view should clearly depict the area of low marsh plantings, the area of high marsh plantings, the species of plant in each area, and the channelward extent.

---

  - Plan view should clearly depict the channelward extent of any proposed sand containment structure i.e. low profile sill or groin structures and any window openings associated with each structure.
- 

## CROSS-SECTION PLAN SHEET(S)

- 
- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

---

  - Plan sheet should include the type of projects proposed by applicant i.e. living shoreline.

---

  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

---

  - Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of the proposed sill or proposed groin. Example: MLW = 0.0', MHW = + 1.9', + 2.4' Top of sill.

---

  - Proposed Living Shoreline Cross-Section(s) should depict existing bank and slope, proposed slope (including slope ratio) and fill area, existing and proposed Mean High Water Line (MHWL), depiction of proposed sill or groin with channelward extent, proposed low marsh with channelward extent, proposed high marsh with channelward extent, and species of plant proposed to be planted in each area.

---

  - Proposed Sill Opening Cross-Section(s) should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of the proposed sill or proposed groin. Example: MLW = 0.0', MHW = + 1.9', + 2.4' Top of sill.
-

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED LIVING SHORELINE PROJECT - SUPPLEMENTAL CHECKLIST**

Checklists outline additional information that may be required for the proposed project based on the project and/or the applicant’s project site. Applicants are encouraged to schedule a [pre-application meeting](#) to answer questions, discuss the applicant’s site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant’s site.

For minimum requirements for all living shoreline applications, please see [Tidal Wetland Application Guidelines for Living Shorelines](#).

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COASTAL RESILIENCY	5
COARSE WOODY DEBRIS (CWD)	6
TOTAL MAXIMUM DAILY LOAD (TMDL) PROJECTS	7
BENEFICIAL REUSE	8

## PURPOSE AND NEED

Checklist outlines supplemental information that may be required for a proposed living shoreline. Additional information may be required based on the project and/or the applicant's project site.

### ADDITIONAL INFORMATION THAT MAY BE REQUESTED

---

Provide detailed explanation of avoidance and minimization of impacts to resources such as SAV beds and open water. If filling areas colonized by SAV in the last five years is proposed, provide a detailed justification for why proposed impacts are unavoidable and minimized to the maximum extent practicable to achieve water-dependent project goals.

- Does the proposed project meet COMAR's definition of a "nonstructural shoreline erosion control measure" ([COMAR 26.24.01.02.B.\(35-1\)](#))? Is the living shoreline dominated by tidal wetland vegetation?
    - Does the proposed project meet the goals of the [Living Shoreline Protection Act of 2008](#)? In addition to controlling shoreline erosion, will the proposed project trap sediment, filter pollution, and provide aquatic and terrestrial habitat?
- 

Demonstrate the need for shoreline stabilization. This could include site photographs documenting ongoing erosion. If erosion is occurring, what is/are the source(s) of erosion, rates of erosion, and how will this project address those sources?

- Possible Source of Information on erosion rates:
      - [MD DNR - The Coastal Atlas](#)
- 

If shoreline presents existing stabilization structures (e.g., bulkhead) provide details regarding structure age, construction method (e.g., fill, excavation), and current condition. If existing structures are to remain and/or if no landward grading is proposed, provide water-dependent justification for this approach.

- If the existing shoreline is natural, provide details regarding sources of erosion and how will this project address those sources. If hardened structures (e.g., stone sills) are proposed to protect this shoreline, provide justification for their construction and design (i.e., size, height) in lieu of natural shoreline or a softer shoreline (e.g., coir log) approach.
-

## SUBMERGED AQUATIC VEGETATION

Checklist outlines supplemental information that may be required for a **proposed living shoreline that is within or adjacent to (i.e., within 50 feet) a submerged aquatic vegetation (SAV) bed**. Information below may be required for projects with impacts to submerged aquatic vegetation and/or projects that require a Wetlands License. Additional information may be required based on the project and/or the applicant's project site. When impacting SAV, considerations should be taken to minimize high marsh plantings, maximize low marsh plantings and open water areas, and consider landward placement of the living shoreline to minimize channelward extent.

### EXISTING AND PROPOSED CONDITIONS PLAN SHEET(S)

---

Plan view should include outline of SAV offshore of the applicant's property and adjacent riparian properties.

- Outline of SAV should depict the last five years of available SAV mapping from the Virginia Institute of Marine Sciences (VIMS). VIMS SAV Interactive Map can be found at: [VIMS - SAV Interactive Map](#). Delineation data can be found at : [VIMS - SAV Reports and Data](#)
  - If the applicant has conducted ground-truthed SAV survey, the survey boundary outline should also include an overlay on plan view containing all VIMS SAV mapping data. Observed SAV species should be noted on the plan, if applicable. Information on SAV species identification can be found at: [Eyes on the Bay - Submerged Aquatic Vegetation \(SAV\) Identification Key](#)

- 
- Plan view should note the year(s) that SAV was mapped, species observed (if available), and the density of the bed(s) for each year that SAV was mapped offshore of the applicant's property and adjacent riparian properties. Information on density and SAV species can be found on the [VIMS SAV Interactive Map](#).

- 
- Proposed Conditions plan view should quantify the area of impact (square feet) to SAV within the proposed project footprint.
- 

### ADDITIONAL INFORMATION THAT MAY BE REQUESTED

---

Has the project's watershed met or exceeded the SAV restoration goals of the Chesapeake Bay Watershed Agreement in the past five years?

- Sources for this information include:
    - [Chesapeake Bay Program - SAV Fact Sheets](#)
    - [VIMS - SAV Area by Segment](#)
    - [VIMS - SAV Data Tables](#)
    - [Eyes on the Bay - Bay Grass Coverage and Habitat Status](#)
    - [Chesapeake Progress - Submerged Aquatic Vegetation \(SAV\)](#)

- 
- How does the proposed living shoreline provide ecological uplift that could offset the loss of SAV? Provide documentation of the functional lift expected from the project based on approved ecological assessment methods or applicable research.

- 
- Will impacts to SAV be temporary or permanent? If impacts are temporary, provide supporting documentation explaining why SAV is expected to recolonize the impacted area . This should include an examination of grain size, water velocities, and depths present under proposed conditions and a relative comparison to existing conditions that support SAV.
-

---

Provide a narrative that explains how open water and/or low marsh vegetation has been maximized in the design plans.

---

To minimize impacts to existing aquatic resources or to minimize channelward extent, can the project be moved landward into the uplands?

---

## COASTAL RESILIENCY

Checklist outlines supplemental information that may be required for a **proposed living shoreline that is designed for coastal resiliency, sea level rise, and climate change**. Additional information may be required based on the project and/or the applicant's project site.

### GENERAL REQUIREMENTS

---

Provide the predicted sea level rise elevation used for the project design (e.g., a +1.5 ft rise in mean sea level by 2050). Include source of predicted elevation. Sea level rise prediction should use the best available data.

- Example sources:

- [MDOT SHA - Climate Change Vulnerability](#)
    - [MD DNR - The Coastal Atlas](#)
    - [NOAA - Sea Level Rise Viewer](#)
    - [University of Maryland Extension - Guidance for Using Maryland's 2018 Sea Level Rise Projections](#)
    - [VIMS - U.S. Sea-Level Report Cards](#)
- 

Provide a detailed narrative explaining how the project has incorporated sea level rise into the proposed project design.

---

Provide detailed justification of the proposed channelward extents of the project.

---

Provide detailed justification for the proposed height of any stone, sand containment structures.

---

Provide information on recent or historic shoreline erosion at the site.

---

Provide details regarding potential marsh migration areas in existing uplands and a discussion of how the proposed shoreline is reasonably anticipated to facilitate tidal wetland transgression under predicted sea levels.

---

### ADDITIONAL INFORMATION THAT MAY BE REQUESTED

---

Reference sites and examples that use similar design elements may be provided.

---

## COARSE WOODY DEBRIS

Checklist outlines supplemental information that may be required for a **proposed living shoreline that incorporates coarse woody debris (CWD) into the design**. Additional information may be required based on the project and/or the applicant's project site.

### GENERAL REQUIREMENTS

---

- Provide detailed information about the purpose and need for the use of CWD in the proposed project design.
- 

Describe the energy level of the shoreline and explain why the CWD will not become a navigation hazard. Energy level of the shoreline is applicant defined and supporting documents and information with sources for the description should be provided. Note: CWD may not be appropriate at high energy shorelines as a foundational design element. Additional justification for use of CWD in high energy shorelines may be required.

- Example Source: The Coastal Resiliency Assessment layer found in the Maryland Coastal Atlas mapping tool presents wave hazard scoring that may reflect energy conditions at your site. ([MD DNR - The Coastal Atlas](#)).
- Wave Hazard scoring can be found in the Shoreline Hazard Index sublayer under the Coastal Resiliency Assessment layer. When this layer is shown on the map, click on the point and a table displays information on the wave hazard at the site.
- 

- Provide description of the type of wood (i.e. soft or hard wood) that will be used as CWD.
- 

### PROPOSED CONDITION PLAN SHEET(S)

---

- Plan view should depict the placement of any CWD, the anchoring system, the approximate size of the CWD, and channelward extent of the CWD and anchoring system. Plan detail may be provided to accurately depict the system.
- 

### CROSS-SECTION(S)

---

- Cross-section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 ft), the proposed CWD, and the proposed anchoring system.
-

## TOTAL MAXIMUM DAILY LOAD (TMDL) PROJECTS

Checklist outlines required information for a **proposed living shoreline which will be utilized for Chesapeake Bay TMDL goals or to achieve Municipal Separate Storm Sewer System (MS4) targets**. Additional information may be required based on the project and/or the applicant's project site.

### GENERAL REQUIREMENTS

---

Provide documentation verifying that the project is an MS4/Chesapeake Bay TMDL-related restoration project, which may include:

- Watershed Implementation Plan
  - Comprehensive Watershed Assessment
  - Design Report
- 

What sediment and/or nutrient reduction credits will be received?

---

Provide justification for the dimensions of the proposed project. The proposed project should be sited and designed in accordance with applicable recommendations for living shorelines as a Best Management Practice (BMP).

- [Chesapeake Bay Program - Quick Reference Guide for BMPs \(Shoreline Management\)](#)
-

## BENEFICIAL USE OF DREDGED MATERIAL

Checklist outlines supplemental information that may be requested for a **proposed living shoreline that utilizes beneficially used dredged material**. Additional information may be required based on the project and/or the applicant's project site.

### GENERAL REQUIREMENTS

---

Please investigate whether suitable dredged material can be used for construction of the living shoreline in accordance with the Department's guidance on [Innovative Reuse and Beneficial Use of Dredged Material](#).

- Additional information regarding opportunities for incorporating dredged material can be found here:
      - [MD DNR - The Coastal Atlas](#)
      - [MD DNR - Beneficial Use of Dredged Material](#)
- 

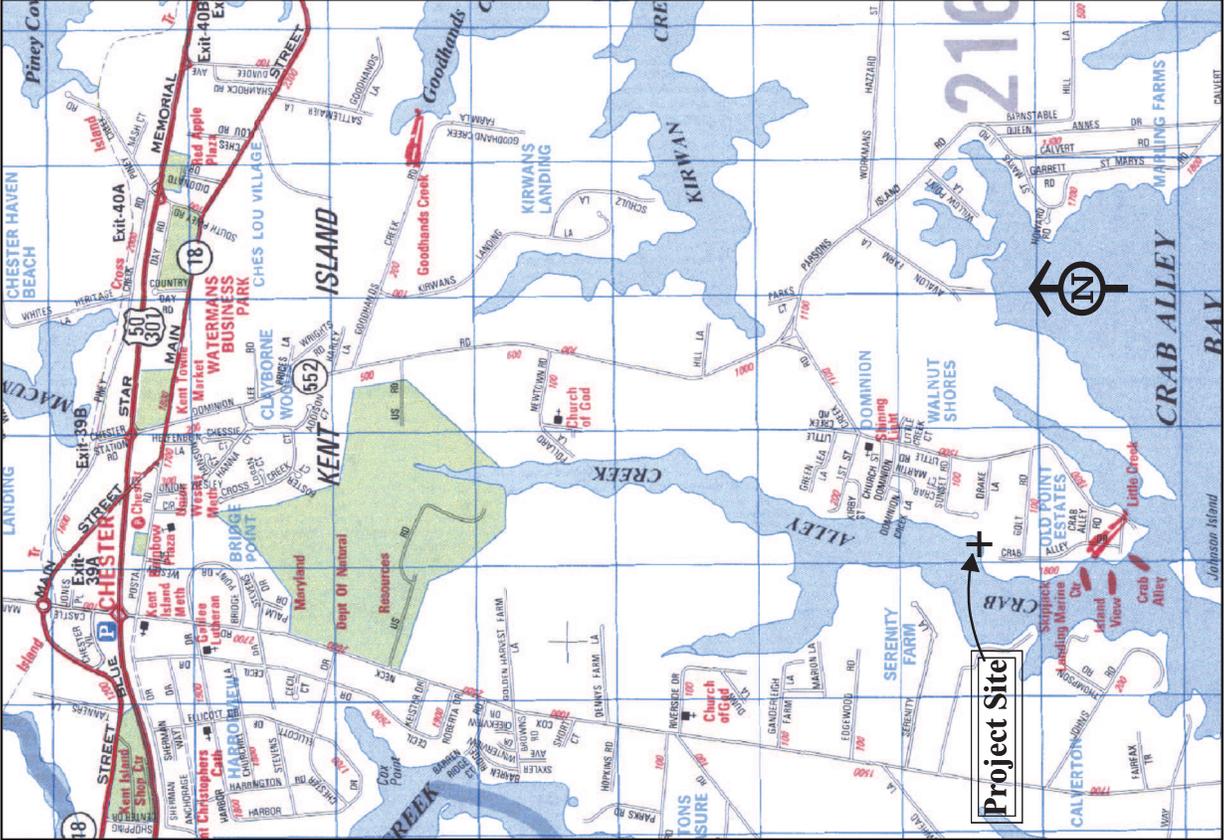
The application for dredging will be required to provide additional information including:

- Grain Size Analysis using ASTM D-422 or the most recent methodology (authorization required from State for sediment bores).
      - If there is reason to believe that contamination exists at the dredge site, then additional sampling may be necessary.
    - Acceptance letter from the property owner of the living shoreline stating the volume of material that they will accept.
    - Other information required by the Department.
- 

The application for dredging or the living shoreline will be required to provide additional information including:

- Information regarding placement of material (e.g. directly on living shoreline below MHWL or material dewatered in the uplands).
    - Information regarding material containment during placement and grading (e.g. construction or placement of sill, turbidity curtain, sill fence, etc.).
    - Other information required by the Department.
- 

- DNR's [BUILD tool](#) allows project planners to proactively identify sources of dredged material and potential placement sites.
-



**Vicinity Map & Aerial Photo**

Project: [INSERT TYPE OF PROJECT]

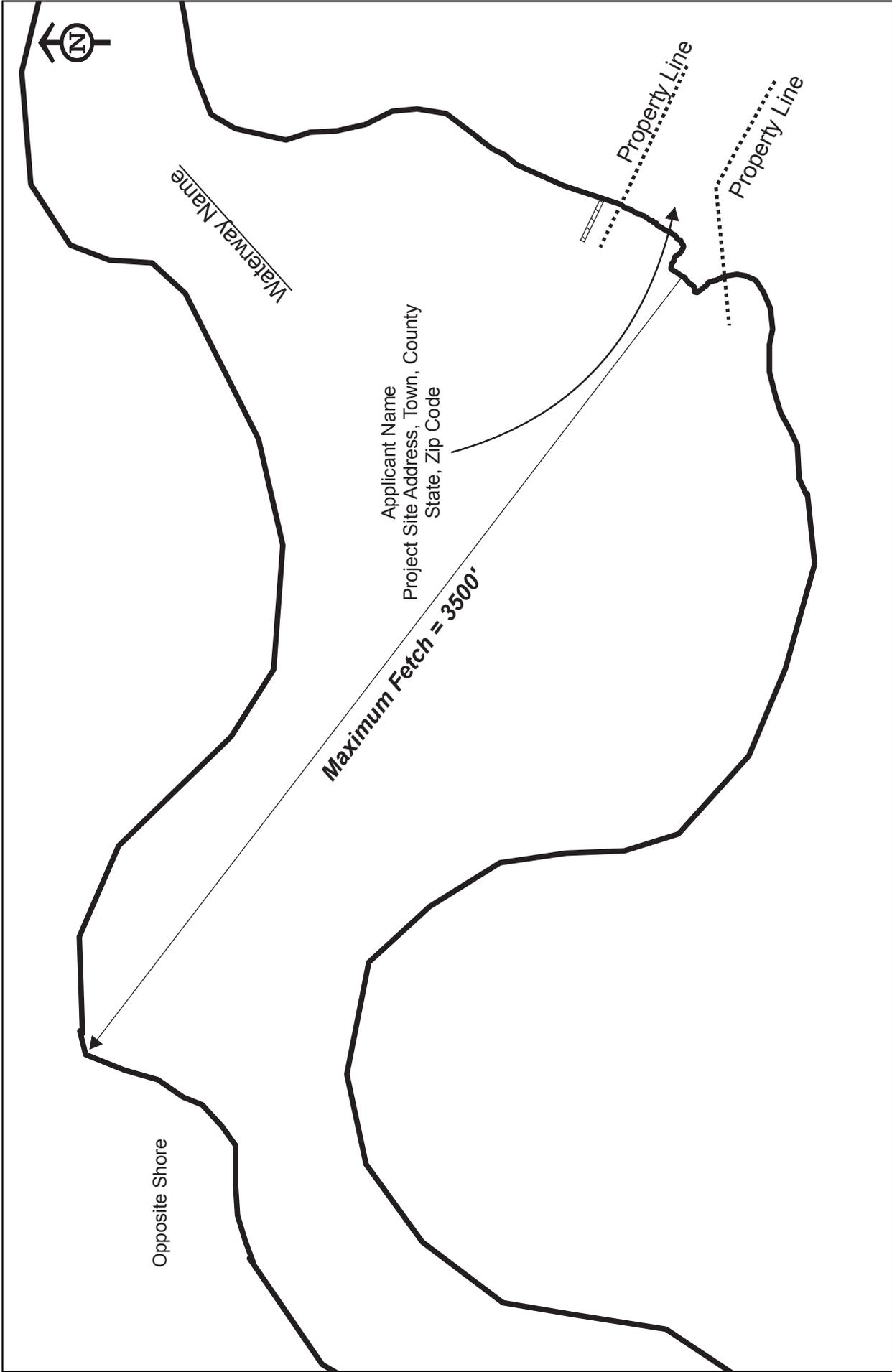
Proposed Project for:

Applicant NAME

Mailing Address, Town, County, State, Zip Code

NOTES

DATE, Page X of Y



**Project Vicinity Conditions**  
 Project: Living Shoreline

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

PROJECT NOTES

0 120 240 480 720 960 Feet  
 1 inch = 500 feet

DATE, Page X of Y



Waterway Name  
← EBB →  
← FLOW →

Maximum Fetch = 3500'

-6.0'  
-5.0'  
-4.0'  
-3.0'  
-2.0'  
-1.0'

Existing Bulkhead & Pier  
MLWL  
MHWL

Adjacent Property Owner  
Address  
City/Town, State Zip Code  
County

Applicant Name  
Project Site Address, Town, County  
State, Zip Code

Adjacent Property Owner  
Address  
City/Town, State Zip Code  
County

Existing Revetment

Water depths referenced to mean low water  
(MLW = 0.0')

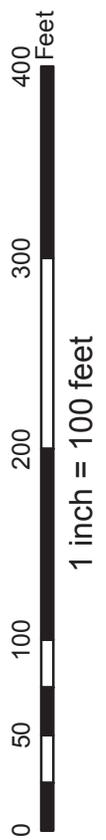
**Existing Conditions**

Project: Living Shoreline

Proposed Project for:  
Applicant NAME

Mailing Address, Town, County, State, Zip Code

**PROJECT NOTES**



DATE, Page X of Y

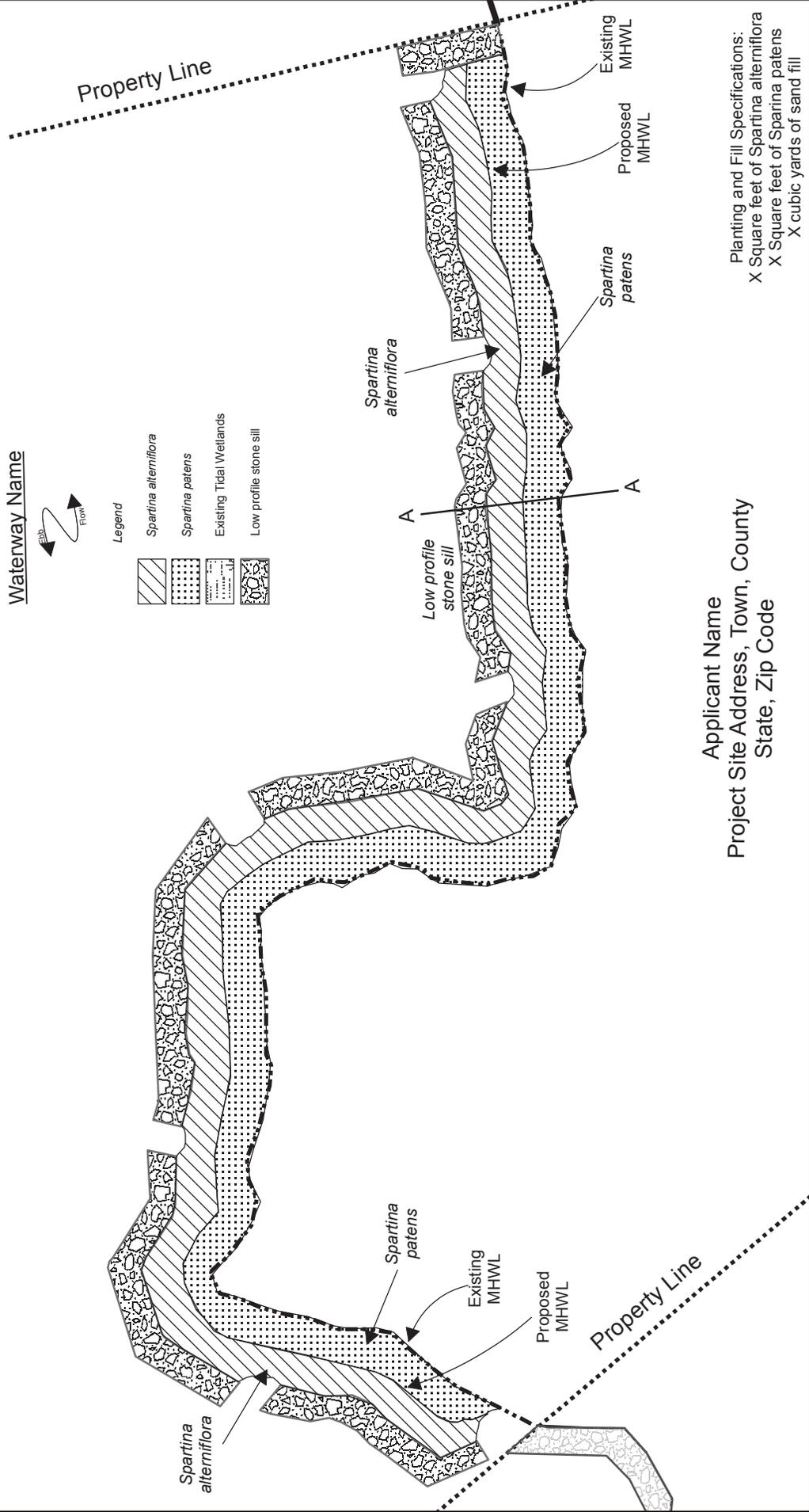


Waterway Name



Legend

-  *Spartina alterniflora*
-  *Spartina patens*
-  Existing Tidal Wetlands
-  Low profile stone sill



Applicant Name  
 Project Site Address, Town, County  
 State, Zip Code

Planting and Fill Specifications:  
 X Square feet of *Spartina alterniflora*  
 X Square feet of *Spartina patens*  
 X cubic yards of sand fill

**Proposed Conditions**

Project: Living Shoreline

Proposed Project for:

Applicant NAME

Mailing Address, Town, County, State, Zip Code

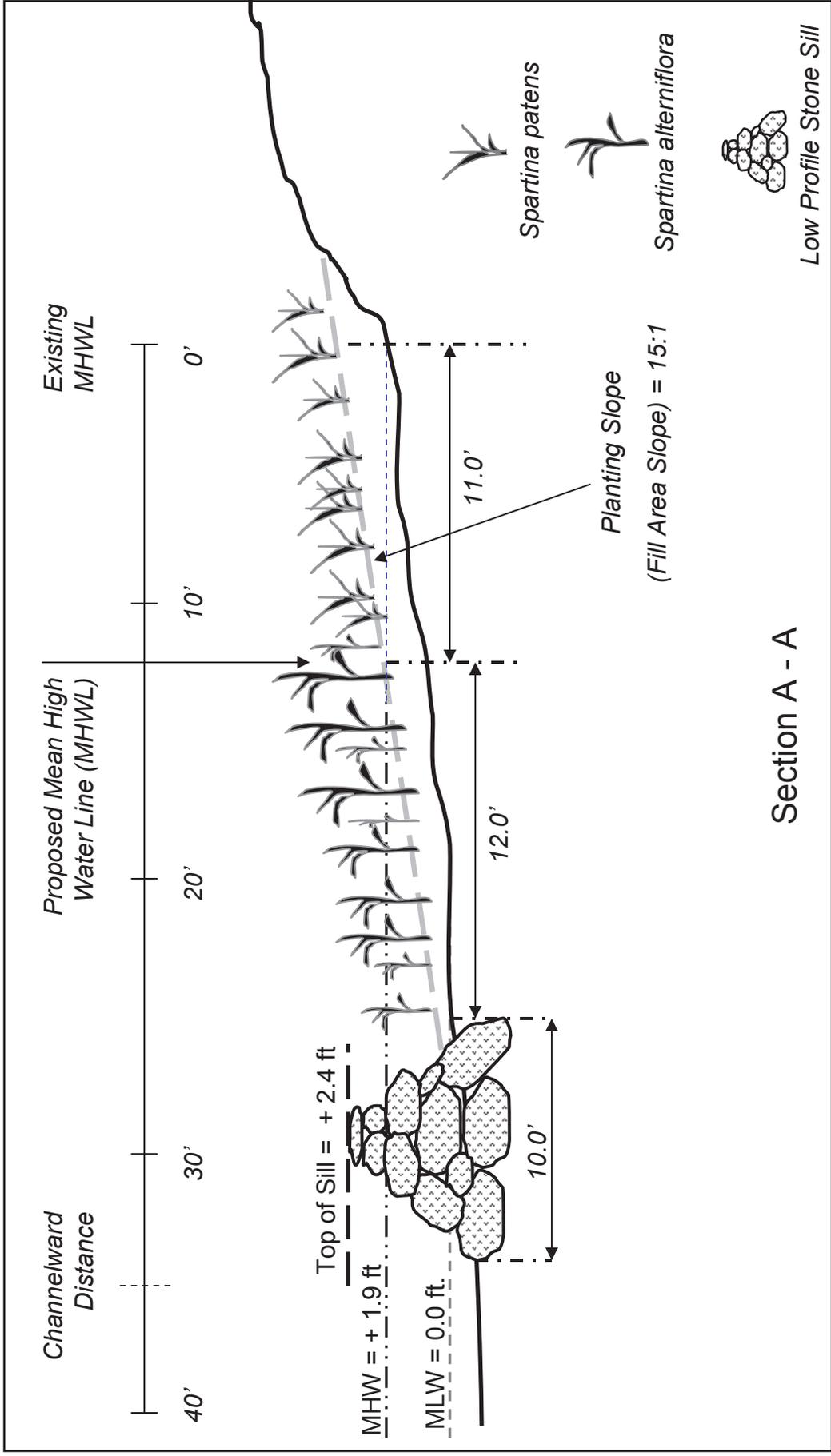


1 inch = 50 feet

**PROJECT NOTES**

-  Existing Structure
-  Proposed Structure

DATE, Page X of Y



Section A - A

**Project: Living Shoreline**

**Notes:**

Maximum Channelward Distance; Amount of Clean Sand Fill (cubic yds.), Amount of Planting Area (Sq Ft.) for both low marsh (*S. alterniflora*) and high marsh (*S. patens*), Slope of planting area; number of plants; Marsh maintenance plan (draft)

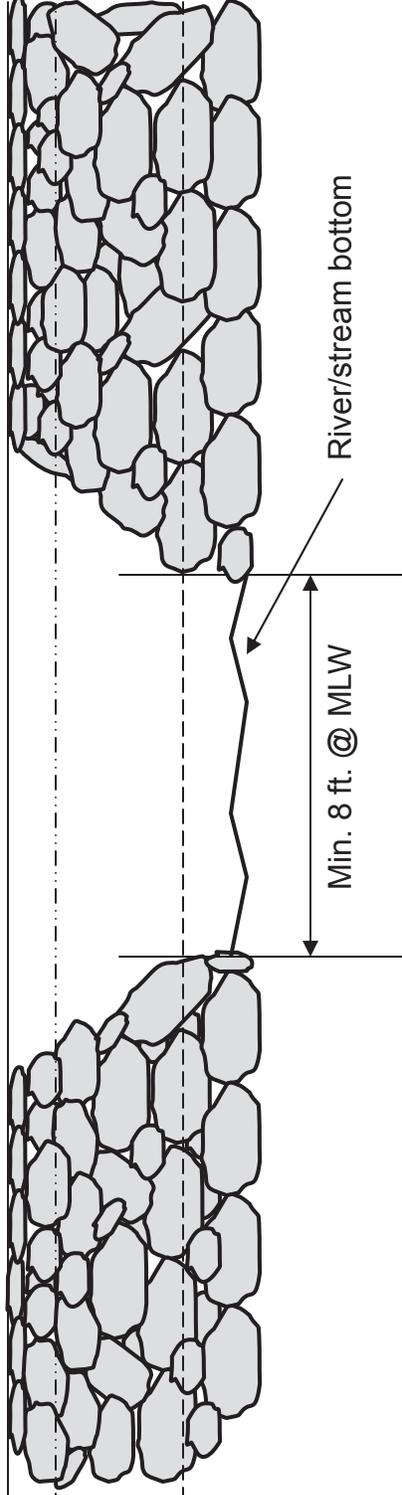
Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State

DATE, Page X of Y

Top of Sill = + 2.4 ft

MHW = + 1.9 ft

MLW = 0.0 ft.

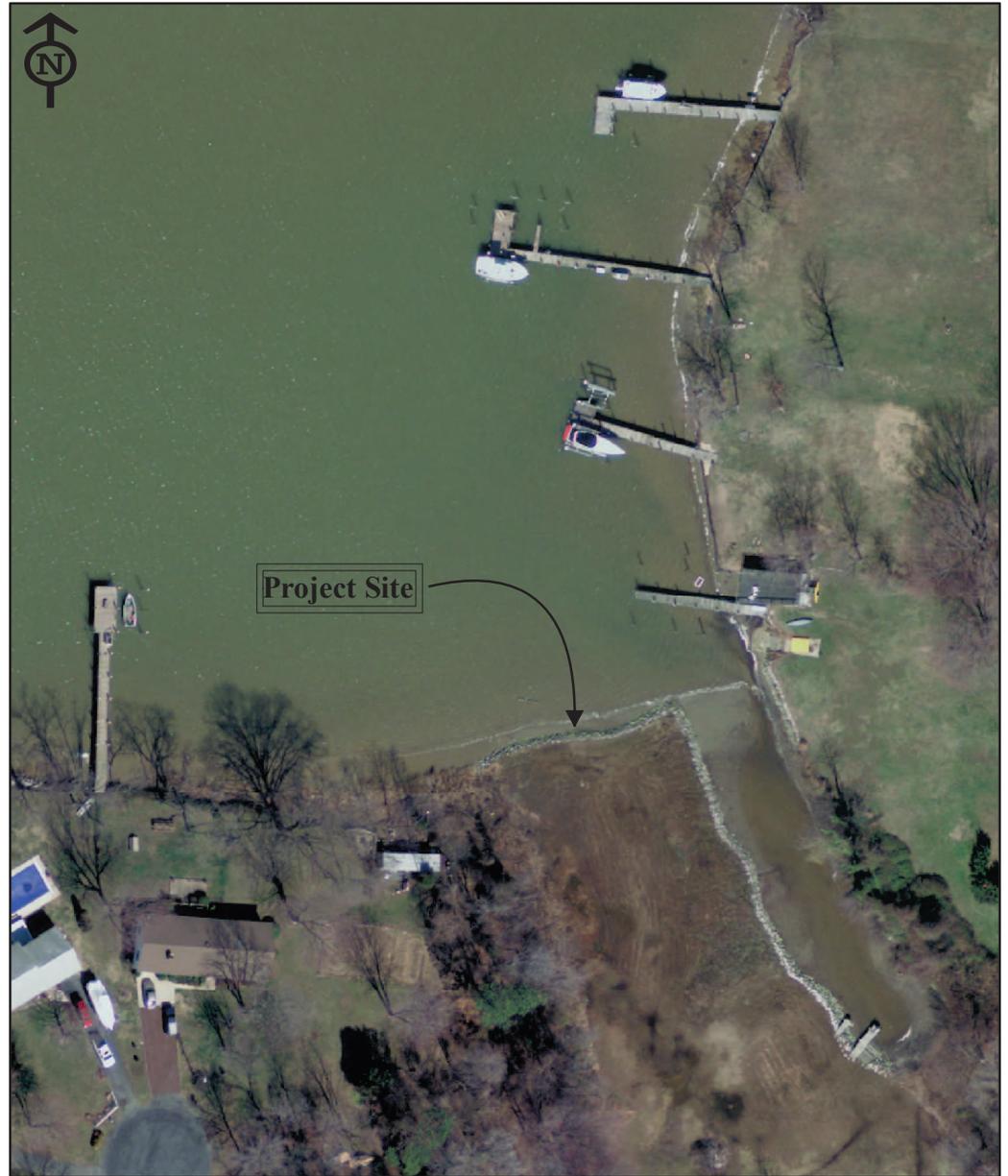
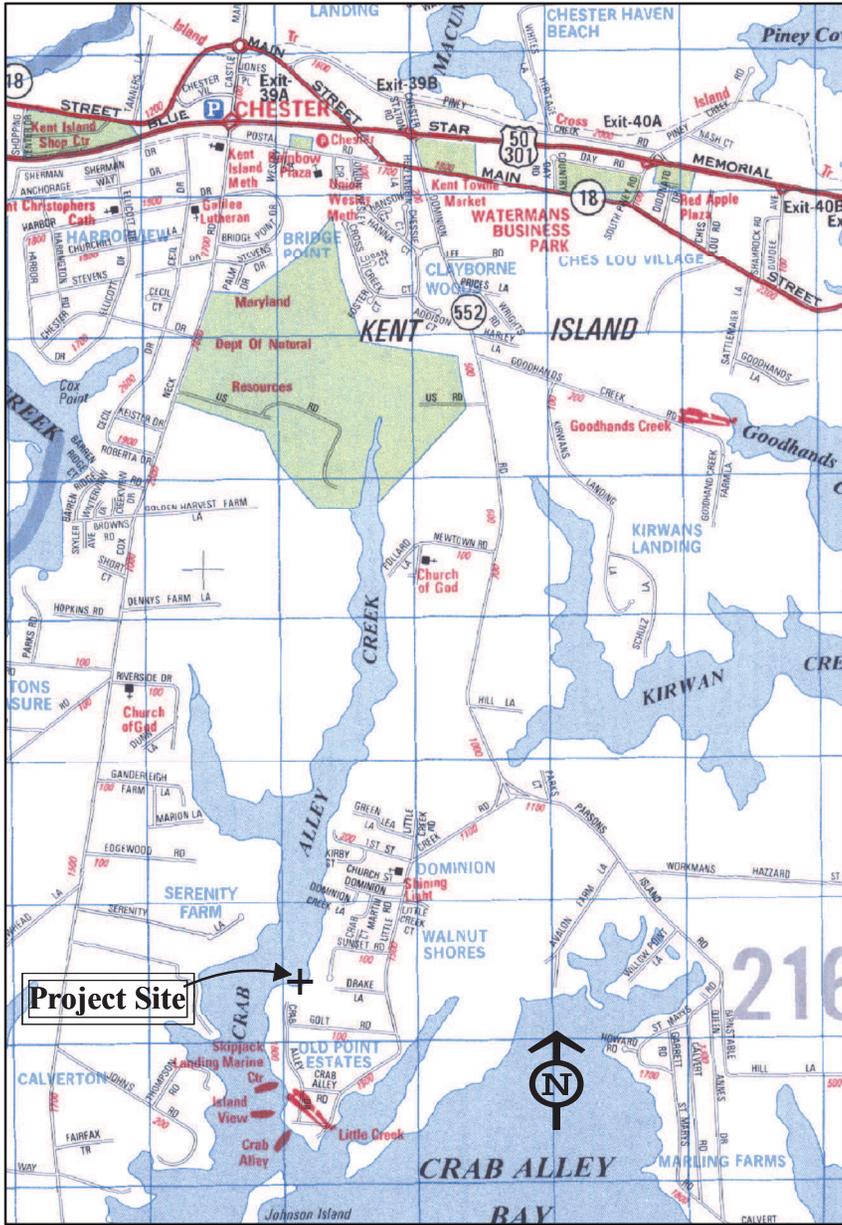


Cross-Section: Typical Sill Opening

**Project: Living Shoreline**

Proposed Project Cross-section for:  
Applicant Name  
Mailing Address, Town, County, State

Notes: Bottom of sill opening below the MLWL



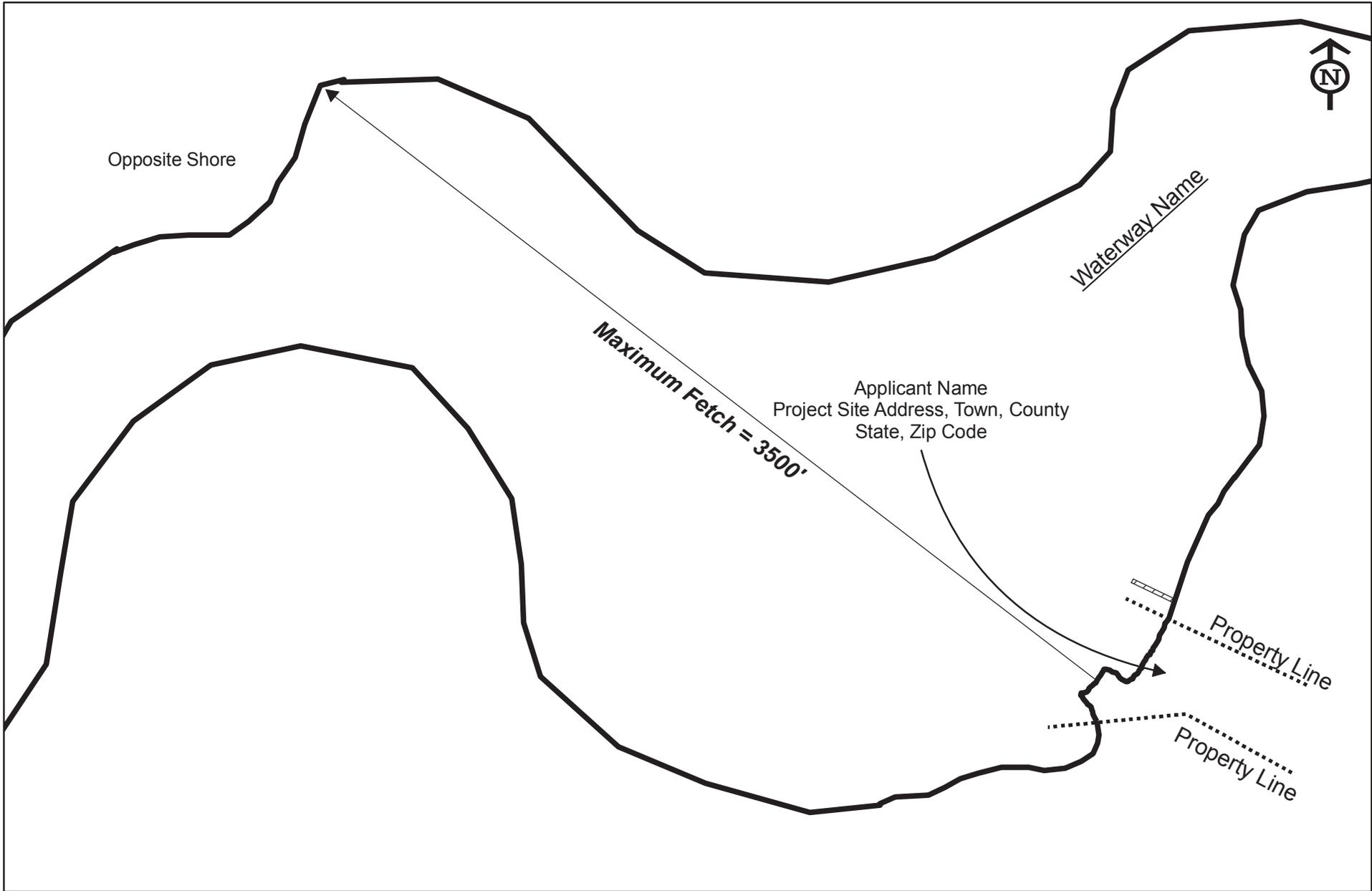
**Vicinity Map & Aerial Photo**

Project: [INSERT TYPE OF PROJECT]

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

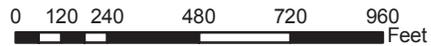
NOTES

DATE, Page X of Y



**Project Vicinity Conditions**

Project: Living Shoreline



1 inch = 500 feet

*PROJECT NOTES*

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

DATE, Page X of Y



Waterway Name  
← EBB  
→ FLOE

Maximum Fetch = 3500'

-6.0'  
-5.0'  
-4.0'  
-3.0'  
-2.0'  
-1.0'

MLWL  
MHWL

Existing Bulkhead & Pier

Adjacent Property Owner  
Address  
City/Town, State Zip Code  
County

Property Line

Applicant Name  
Project Site Address, Town, County  
State, Zip Code

Existing Revetment

Adjacent Property Owner  
Address  
City/Town, State Zip Code  
County

Property Line

Water depths referenced to mean low water  
(MLW = 0.0')

### Existing Conditions

Project: Living Shoreline



1 inch = 100 feet

PROJECT NOTES

Proposed Project for:

Applicant NAME

Mailing Address, Town, County, State, Zip Code

Existing Structure

DATE, Page X of Y

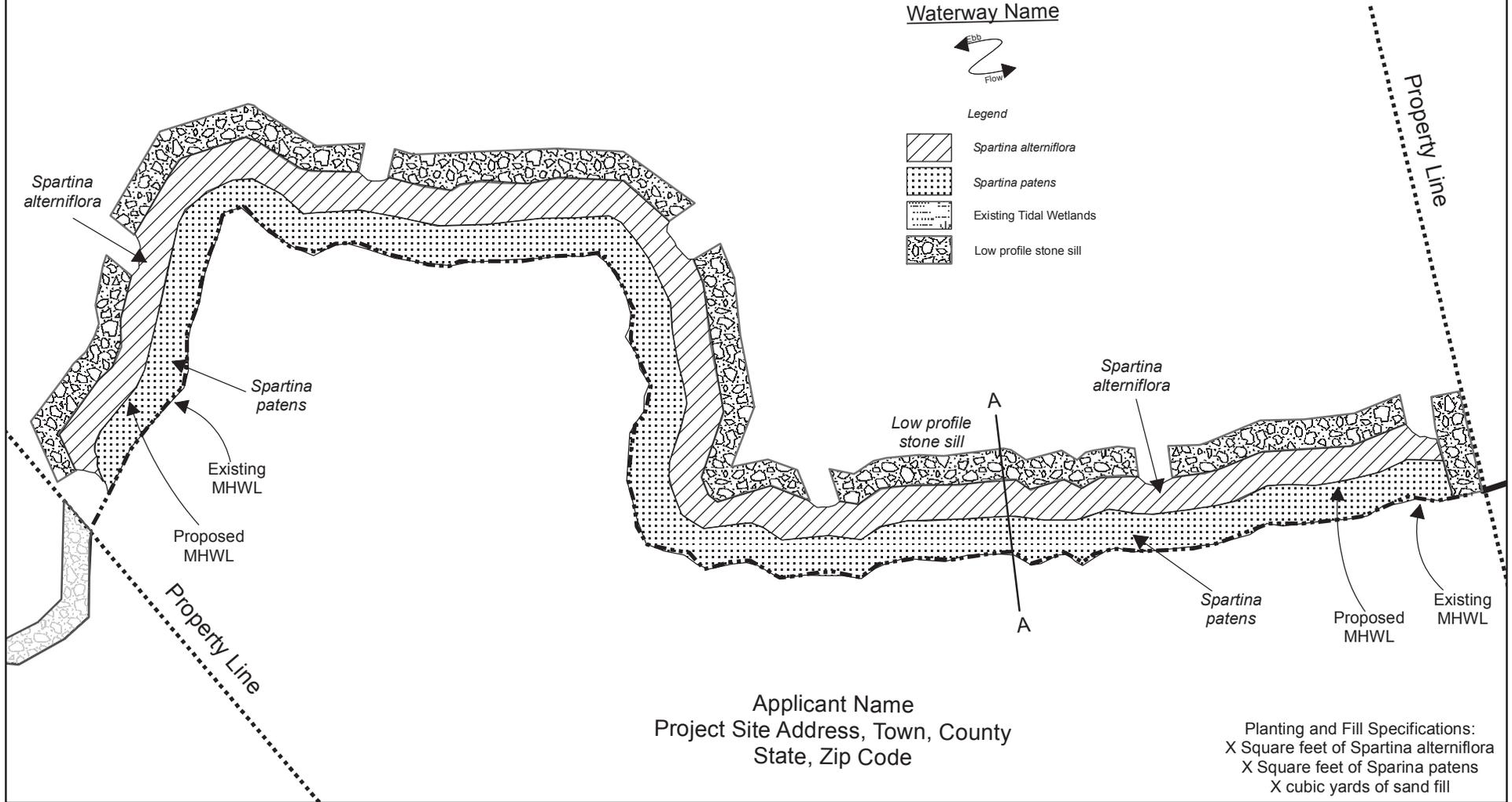


Waterway Name



Legend

-  *Spartina alterniflora*
-  *Spartina patens*
-  Existing Tidal Wetlands
-  Low profile stone sill



Applicant Name  
 Project Site Address, Town, County  
 State, Zip Code

Planting and Fill Specifications:  
 X Square feet of *Spartina alterniflora*  
 X Square feet of *Spartina patens*  
 X cubic yards of sand fill

**Proposed Conditions**

Project: Living Shoreline



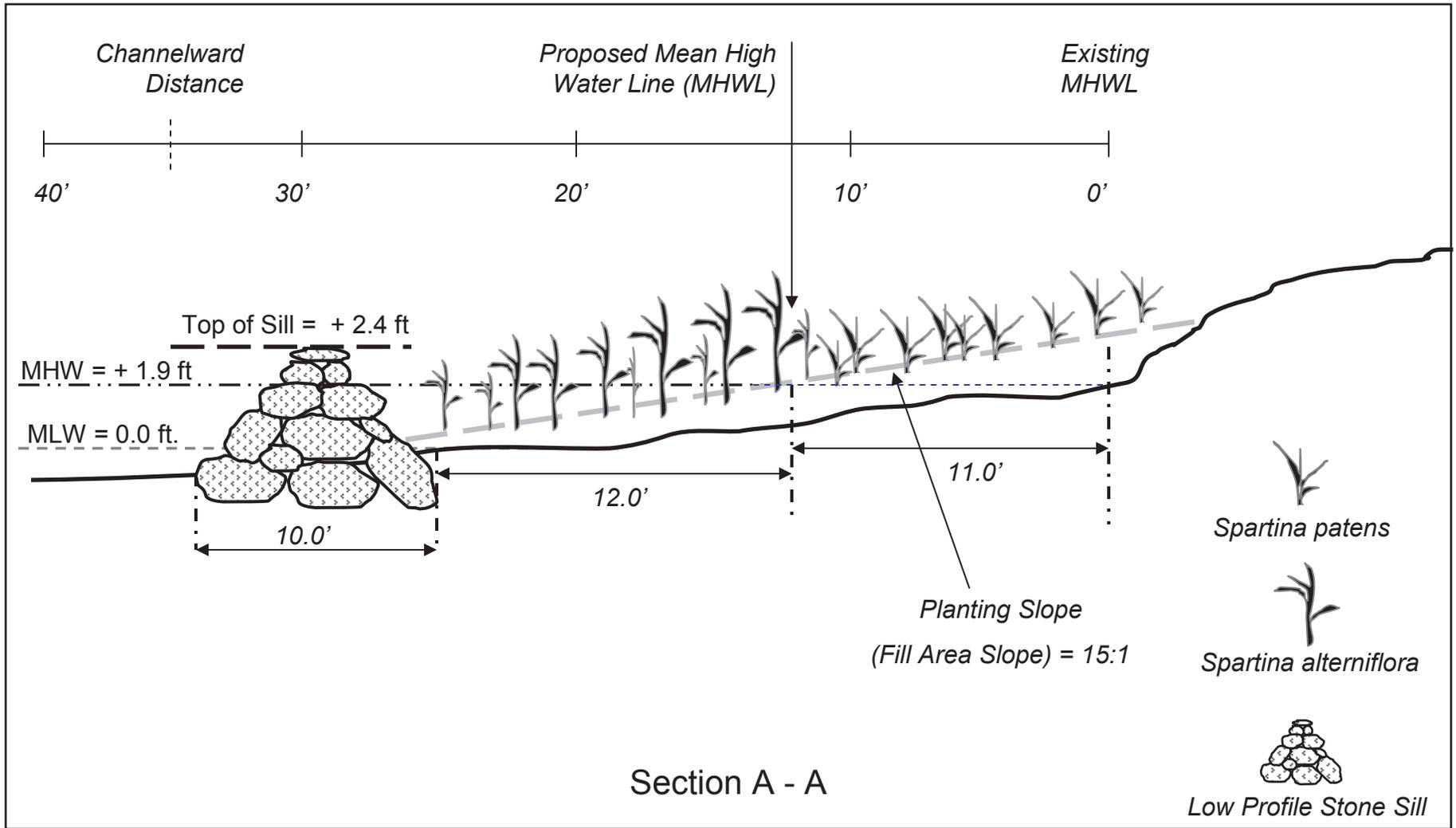
1 inch = 50 feet

**PROJECT NOTES**

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

-  Existing Structure
-  Proposed Structure

DATE, Page X of Y



**Project: Living Shoreline**

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State

*Notes:*

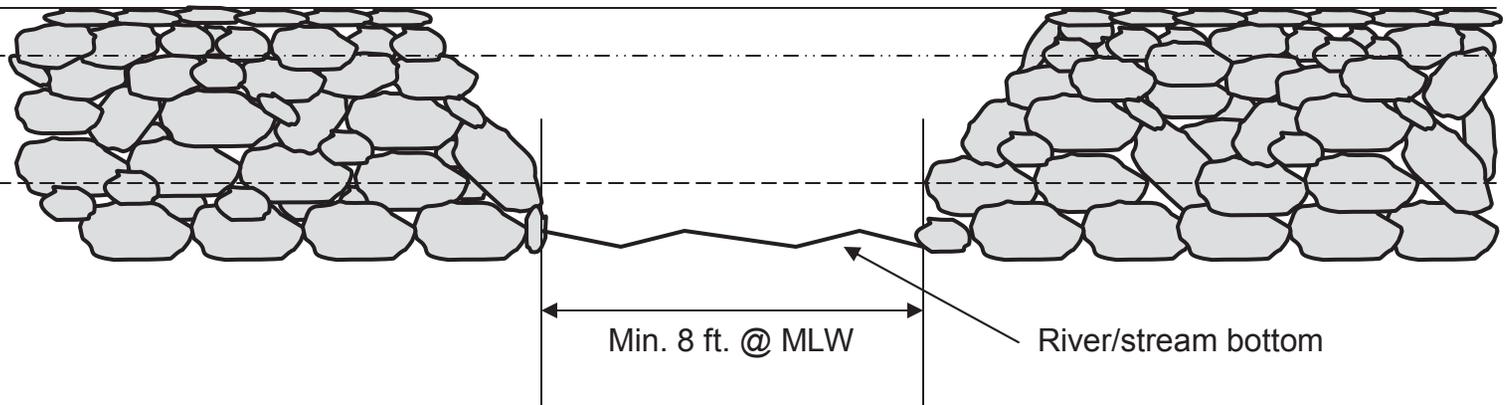
Maximum Channelward Distance; Amount of Clean Sand Fill (cubic yds.), Amount of Planting Area (Sq Ft.) for both low marsh (*S. alterniflora*) and high marsh (*S. patens*), Slope of planting area; number of plants; Marsh maintenance plan (draft)

DATE, Page X of Y

Top of Sill = + 2.4 ft

MHW = + 1.9 ft

MLW = 0.0 ft.



Cross-Section: Typical Sill Opening



*Low Profile Stone Sill*

**Project: Living Shoreline**

Notes: Bottom of sill opening below the MLWL

Proposed Project Cross-section for:  
Applicant Name  
Mailing Address, Town, County, State

DATE, Page X of Y

**WETLANDS AND WATERWAYS PROGRAM  
TIDAL WETLAND APPLICATION GUIDELINES**

**PROPOSED DREDGING PROJECT**

**\*These plan guidelines should only be used for private homeowner dredging projects which only require the ABBREVIATED JOINT FEDERAL / STATE APPLICATION FOR THE ALTERATION OF ANY TIDAL WETLAND AND/OR TIDAL WATERS IN MARYLAND**

Check list outlines the minimum required information for a proposed project; additional information may required based on the project and/or the applicant's project site. Applicants are encouraged to schedule a pre-application meeting to answer questions, discuss the applicant's site, discuss the proposed project, and determine if any additional information/plan sheets are required due to the uniqueness of the applicant's site.

Requires application processing fee

**\*Reference the fee guidelines and tables to determine appropriate application review fees.**

**GENERAL PLAN REQUIREMENTS**

---

Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets and a usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

---

**VICINITY MAP & AERIAL PHOTO PLAN SHEET**

---

Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

---

Plan sheet should include the type of projects proposed by applicant i.e. dredging.

---

Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

---

Vicinity map and aerial photo should be sized to clearly depict the project site and surround area, but each map should no smaller than 4" by 4" in size.

---

Vicinity map should include a North arrow and be scaled to clearly show project site, general location on the waterway, the immediate surrounding area.

---

Aerial photograph should be no more than 10 years old from date of application.

---

Aerial photograph should, at a minimum, show the proposed project site (clearly marked) with any existing structures and the adjacent property owners' property with any existing structures.

---

## EXISTING CONDITION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 100' on existing plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

---

  - Plan sheet should include the type of projects proposed by applicant i.e. dredging.

---

  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

---

  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet).

---

  - Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.

---

  - Plan view should include the property lines (labeled) extended channelward.

---

  - Plan view should include any marked or unmarked channels within the waterway and distance to the nearest edge of the channel.

---

  - Plan view should include water depths marked as either contours or spot depths extending to the edge of the marked or unmarked channel.

---

  - Plan view should depict all existing structures channelward of the Mean High Water Line (MHWL), including shoreline erosion control structures, located at the applicant's project site.

---

  - Plan view should include the applicant's property and directly adjacent riparian properties clearly labeled with their name, site address, town/city, county, state, and zip code.

---

  - Plan view should depict all existing structures channelward of the Mean High Water Line (MHWL), including shoreline erosion control structures, on the adjacent riparian properties.
- 

## PROPOSED CONDITION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered; usable written or visual scale no smaller than 1" = 50' on proposed plan sheets. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.

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  - Plan sheet should include the type of projects proposed by applicant i.e. dredging.

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  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.

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  - Plan view should include the Mean High Water Line (MHWL) and the Mean Low Water Line (MLWL; referenced to 0.0 feet). *If the MHWL or the MLWL are to be altered during construction the proposed MHWL and MLWL should also be labeled.*

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  - Plan view should include water depths marked as either contours or spot depths.
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## PROPOSED CONDITION PLAN SHEET(S) (CONTINUED)

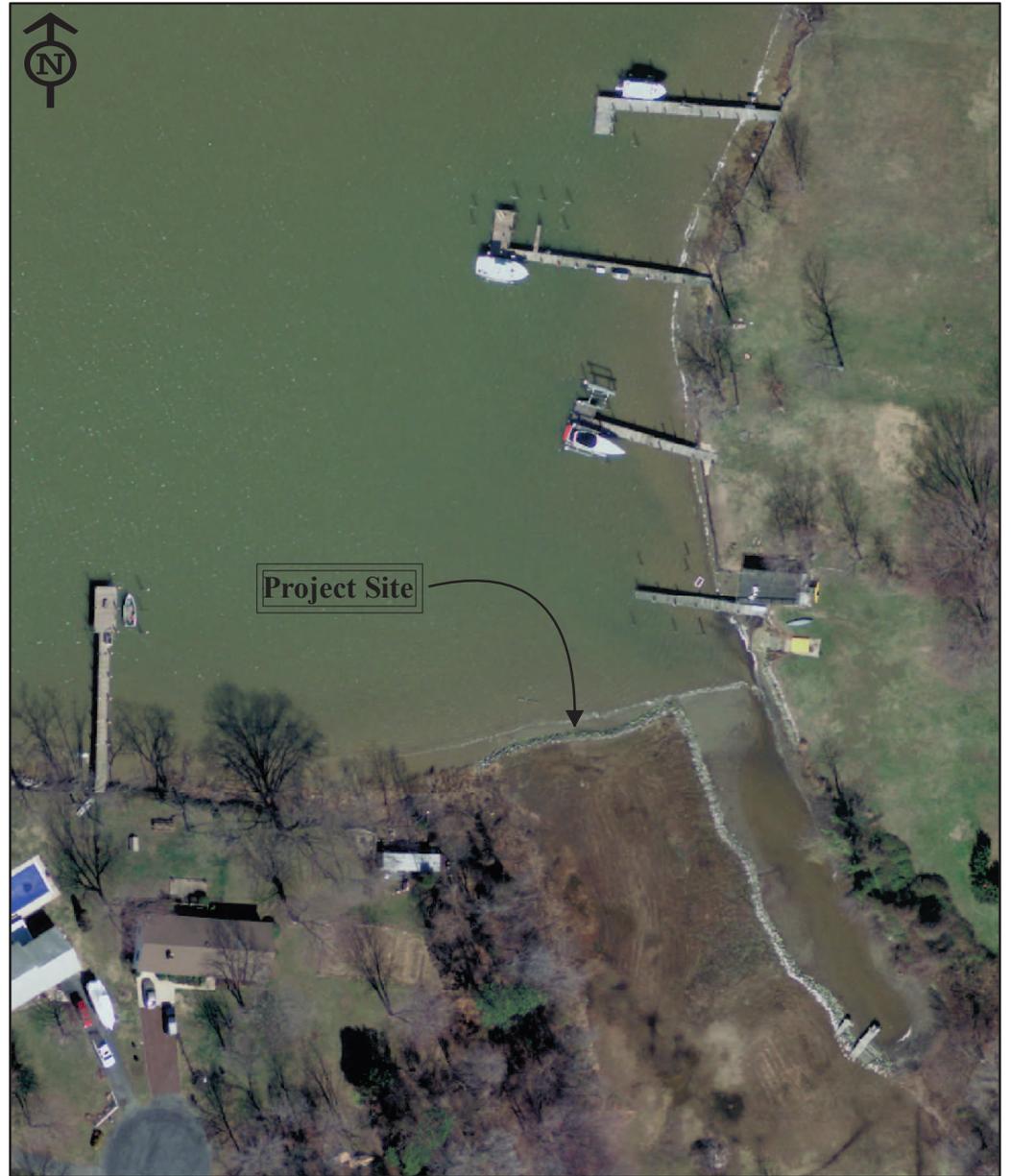
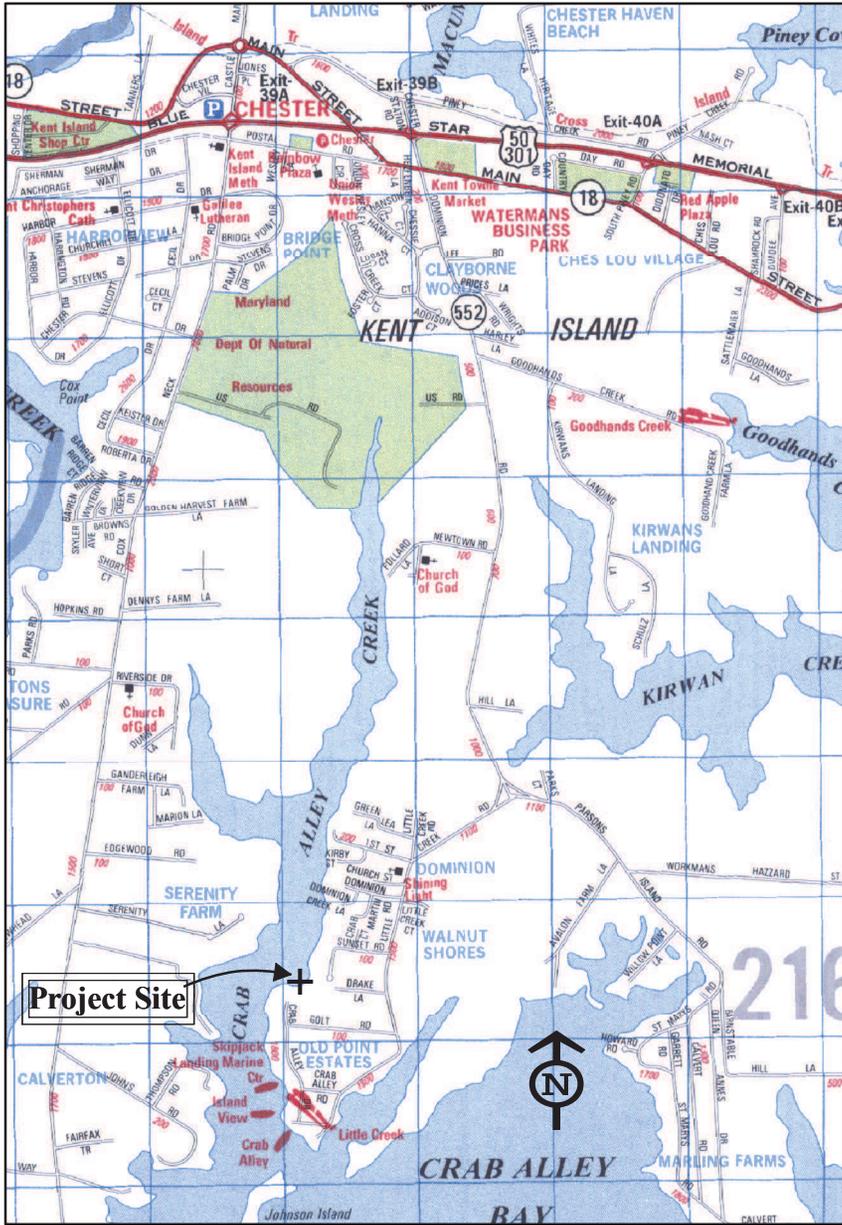
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- Plan view should include the name of the waterway, North arrow, and direction of ebb/flow tide.
  - Plan view should include the property lines (labeled) extended channelward where dredging will occur close to the property lines.
  - Plan view should depict the measurements (width and length) of the proposed dredge area.
  - Plan notes should detail the total square footage of the proposed dredge area, the maximum proposed dredging depth, and the total cubic yards of material proposed to be removed.
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## CROSS-SECTION PLAN SHEET(S)

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- Plan sheets should be on 8.5" x 11" paper, black and white, and single sided; Plans are to be legible and not cluttered. All plan notes should be placed at the bottom of the page or on a separate page. The plan sheets should be numbered to reference the plan sheet in relation to the total number of plan sheets i.e. Page 1 of 3, Page 2 of 3, etc.
  - Plan sheet should include the type of projects proposed by applicant i.e. dredging.
  - Plan sheet should include the name of the applicant(s) and mailing address including the town/city, county, state, and zip code.
  - Cross-section(s) should depict the entire area to be dredged and accurately show the existing bottom elevation and the proposed bottom elevation.
  - Cross-section(s) should depict Mean Low Water (MLWL; referenced to 0.0 feet) and corresponding water depths to the proposed dredging depth.
  - Plan notes should detail the total square footage of the proposed dredge area, the maximum proposed dredging depth, and the total cubic yards of material proposed to be removed.
  - Plan notes should list the name and address of the MDE approved dredge disposal site. The method of transport to be used for the material i.e. water tight trucks, barge, etc.
  - Cross-Section views should include the Mean High Water (MHW), the Mean Low Water (MLW; referenced to 0.0 feet), and top of bank. Example: MLW = 0.0', MHW = + 1.9', + 4.0' Top of Bank.
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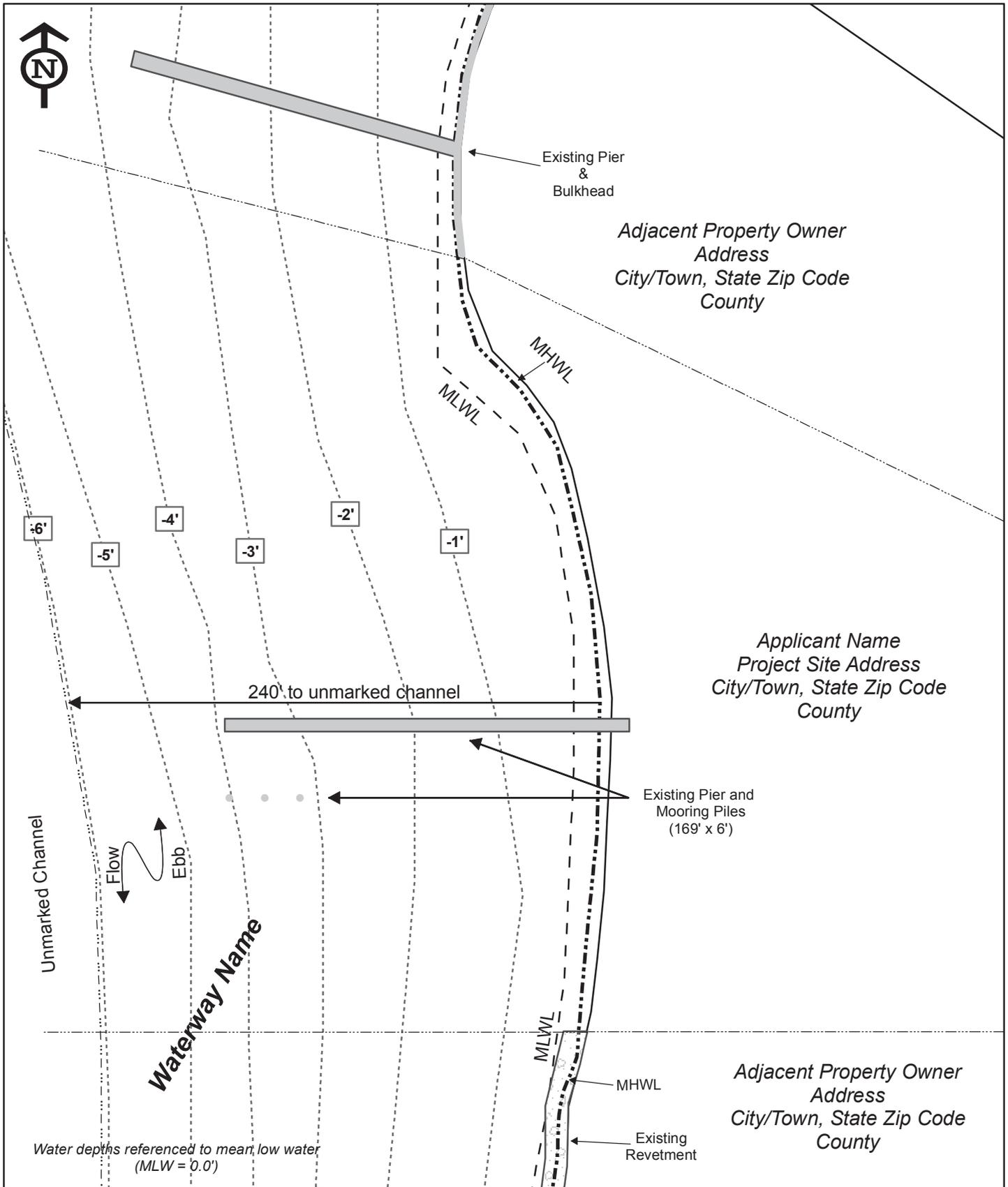


**Vicinity Map & Aerial Photo**

Project: [INSERT TYPE OF PROJECT]

Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code

NOTES



**Existing Conditions**

Project: Dredging  
 Proposed Project for:  
 Applicant NAME  
 Mailing Address, Town, County, State, Zip Code



1 inch = 60 feet

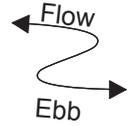
**PROJECT NOTES:**

● Existing Structure

DATE, Page X of Y



**Waterway Name**

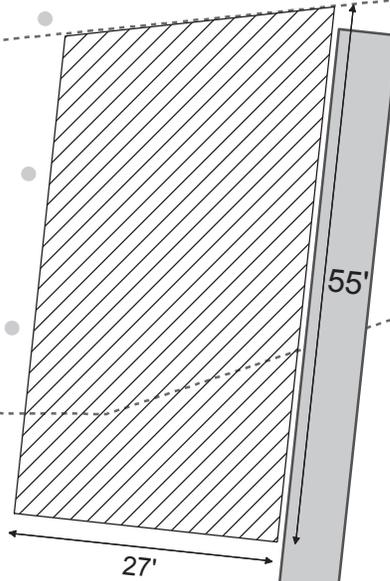


-5'

-4'

-3'

-2'



Proposed Dredging Area  
Maximum Dredging Depth -4.0 ft @ MLW  
~ 1485 square feet  
~ 80 Cubic yards of Material

Water depths referenced to mean low water  
(MLW = 0.0')

**Proposed Conditions**

Project: Dredging

Proposed Project for:  
Applicant NAME

Mailing Address, Town, County, State, Zip Code

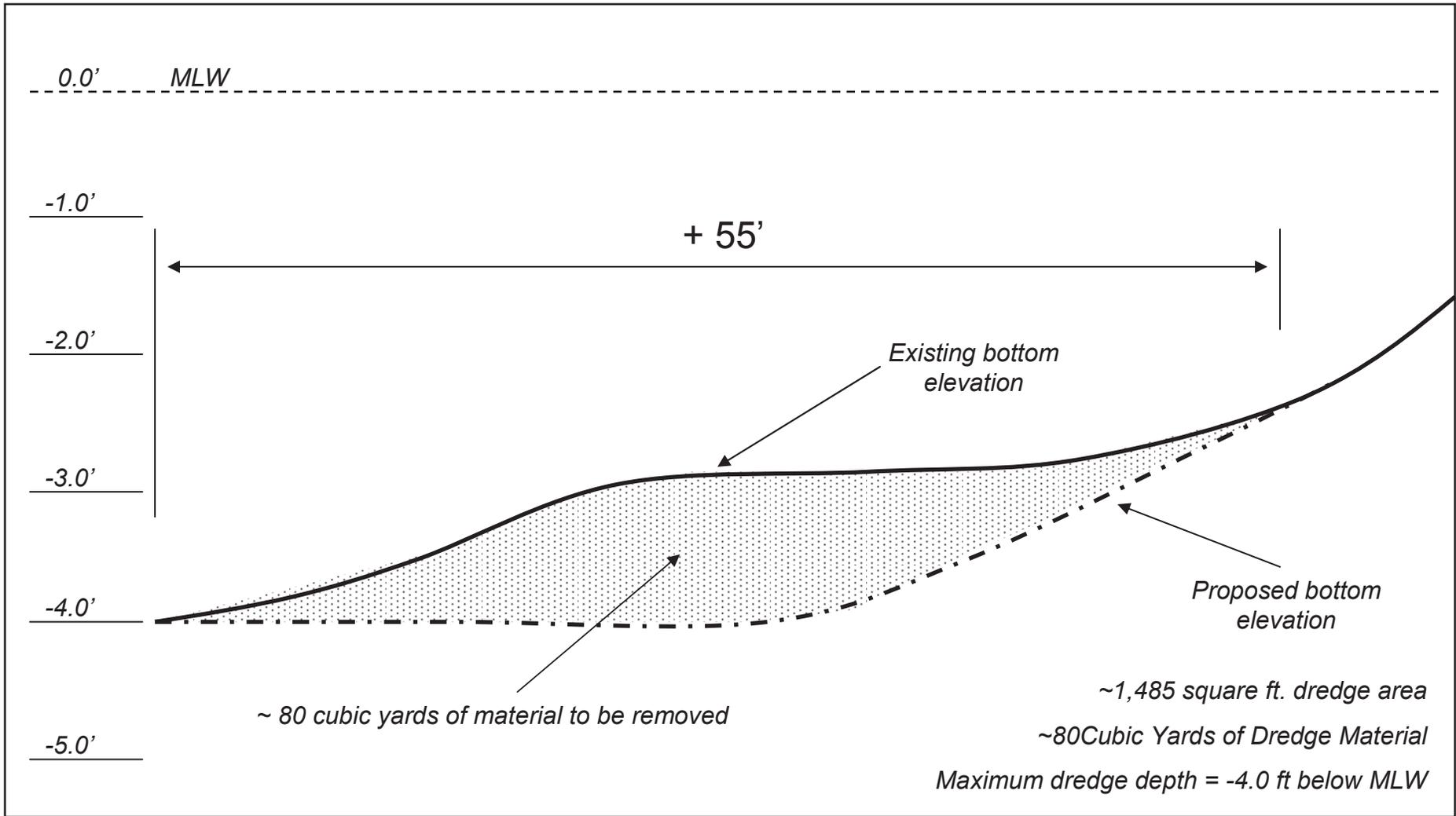


1 inch = 20 feet

**PROJECT NOTES:**

-  Existing Structure
-  Proposed Structure

DATE, Page X of Y



**Project: Minor Dredging**

PROJECT NOTES:  
 Method of transport  
 Address of Dredge Disposal Site

Proposed Project Cross-section for:  
 Applicant Name  
 Mailing Address, Town, County, State

DATE Page X of Y