

GUIDANCE CHECKLIST FOR COMPLETION OF DRAWINGS

Three types of illustrations are needed to depict your proposed activity: Vicinity Map, Plan View, and Cross-Sectional View. Engineered drawings are not necessary. At a minimum, drawings must contain the following information; other information may be required depending on project type.

1. GENERAL REQUIREMENTS for ALL plan illustrations:

- Use 8 ½ by 11-inch sheets, with at least a 1-inch top margin and ½-inch margins on the other three edges.
- Clear printing, black ink, and the fewest number of sheets to adequately show the project.
- North arrow.
- Include all activities reasonably related to the same project that require a Department of the Army permit (e.g. maintenance dredging associated with marina development).
- Include a graphic scale and/or dimensions of all fill, structures, etc.
- Since the drawings will be photocopied, color shading may not be used. Drawings must show the work as a dot shading, hatching, or similar graphic symbol.
- A title block should be included on each sheet, including: applicant's name; the file number; waterbody name; short description of the proposed activity; sheet numbering; date the drawing was prepared.

Below is an example of a title block that should be placed on all drawings; the block should be a standard label size 1-inch by 4-inch and placed on the lower left, or right side:

Applicant:			
File No.: POA-XXXX-XXXX			
Waterway:			
Proposed activity: (dock, residential fill, etc.)			
Sec.	T.	R.	M
Lat.:			Long.:
Sheet 1 of ?			Date / /

2. VICINITY MAP

- Clearly show where your project will be located, both on the Alaska map inset, as well as on a more detailed and smaller-scale map or chart copy which can be added to the blank vicinity map provided for your use.
- Name, direction and distance to local town or other identifying location.
- Names of roads and waterways in the vicinity of the site.

3. PLAN VIEW

- Name of waterbody and direction of water flow.
- Shoreline location, and existing versus proposed shoreline condition.
Tidal Waters: Show the high tide line (HTL), mean high water line (MHW), and mean lower low water line (MLLW), including datum, and boundary with special aquatic sites (wetlands, sanctuaries, refuges, mud flats, vegetated shallows, coral reefs, riffle or pool complexes).
Non-Tidal Waters: Show the ordinary high water mark (OHWM) and boundary with special aquatic sites.

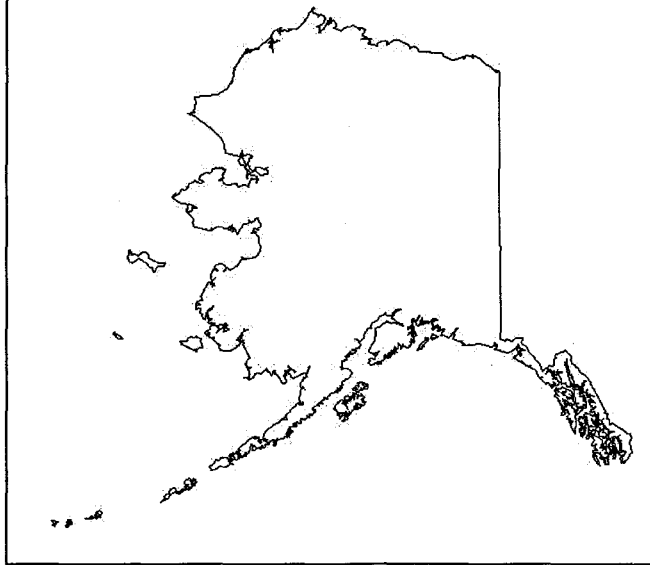
- Dimensions of the activity, fill or structures, distance from property lines, and the distance it extends into the waterbody relative to the HTL, MHW, MLLW, OHWM and boundary with special aquatic sites, as applicable.
- Location and boundary of all waters of the U.S. in the project vicinity, including wetlands and other special aquatic sites.
- Show existing structures (e.g. buildings, docks, etc.) on subject and adjoining properties, as well as distance from the proposed activity.
- Indicate adjoining property ownership.
- For fill projects, identify each fill type, amount (cubic yards), and area to be filled (acres).
- If the project involves dredging, identify existing and proposed depths, the material type, amount (cubic yards), area to be dredged, method of dredging, and location of disposal site.
- Identify any structures to be erected on piers, docks, fill pads, etc.
- Identify any part of the activity that has already been completed.
- Identify erosion control measures, stormwater runoff control, stabilization of disturbed areas, etc.
- Distance between the proposed activity and any Federally-authorized navigational channel or navigation project.
- Identify cross-section view locations (e.g. A-A').
- Identify water depths around the project. Reference which datum was used; either mean lower low water, or mean sea level.
- Details of any restoration or other mitigation.

4. ELEVATION AND/OR CROSS SECTION VIEW

The elevation view shows the proposed project as if it was viewed from the side or cut half (cross-section). More than one may be required to adequately show the project. The cross-section should show the following:

- Same water lines as identified in the plan view.
- Cross-section view label (e.g. A-A').
- Water depth or tidal elevation at waterward face of project.
- Location and dimensions of the activity or structure, and the distance it extends into the waterbody beyond the OHWM, MHW, HTL, MLLW, and/or special aquatic site boundaries.
- Identify any structures to be erected on piers, docks, fill pads, etc.
- Indicate the dredge and/or fill slopes (horizontal:vertical, e.g. 3:1).
- Indicate existing and proposed contours and elevations.
- Indicate type and location of material used in construction and method of construction.
- Indicate height of structure or fill, and approximate fill side slopes.
- Details of any restoration or other mitigation.
- Location of soil fabrics, soil erosion control and sedimentation control measures.

VICINITY MAP



Scale:

Sheet No. Of

Applicant:

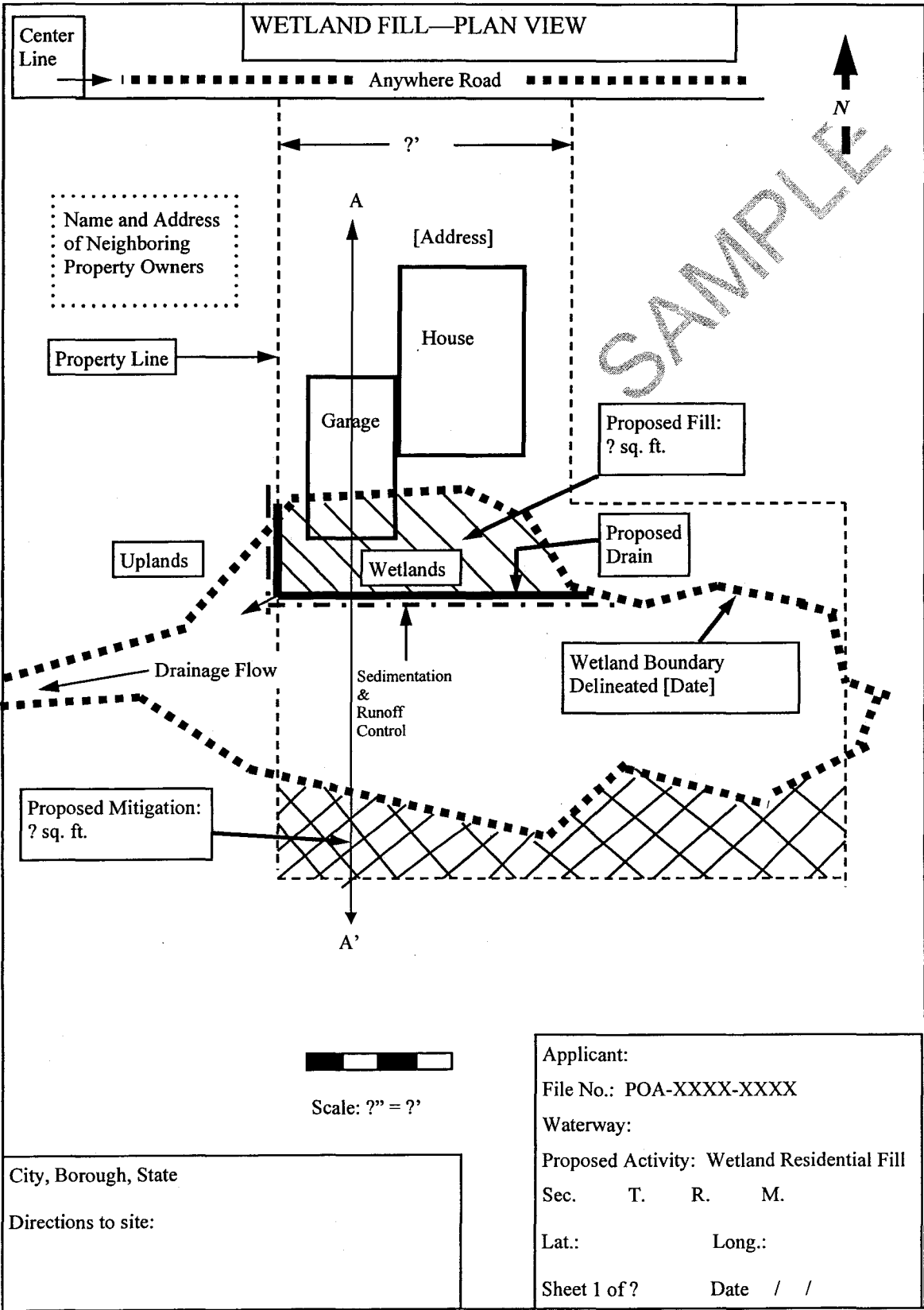
File No.: POA-

Waterway:

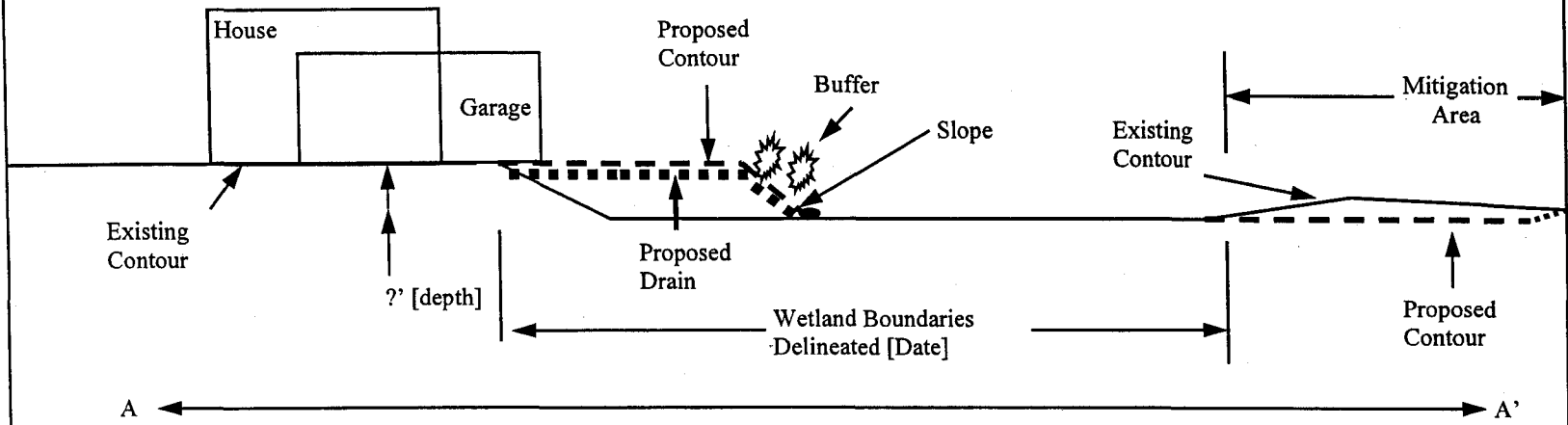
Sec. T. R. M.

Lat.: Long.:

Date:



**RESIDENTIAL WETLAND FILL
CROSS-SECTION VIEW A-A'**



Proposed: Place ? cubic yards of [type] fill in ? acres of wetland for residential lot development. Install ? feet of tile drain. Create/enhance ? acres of wetland as mitigation.

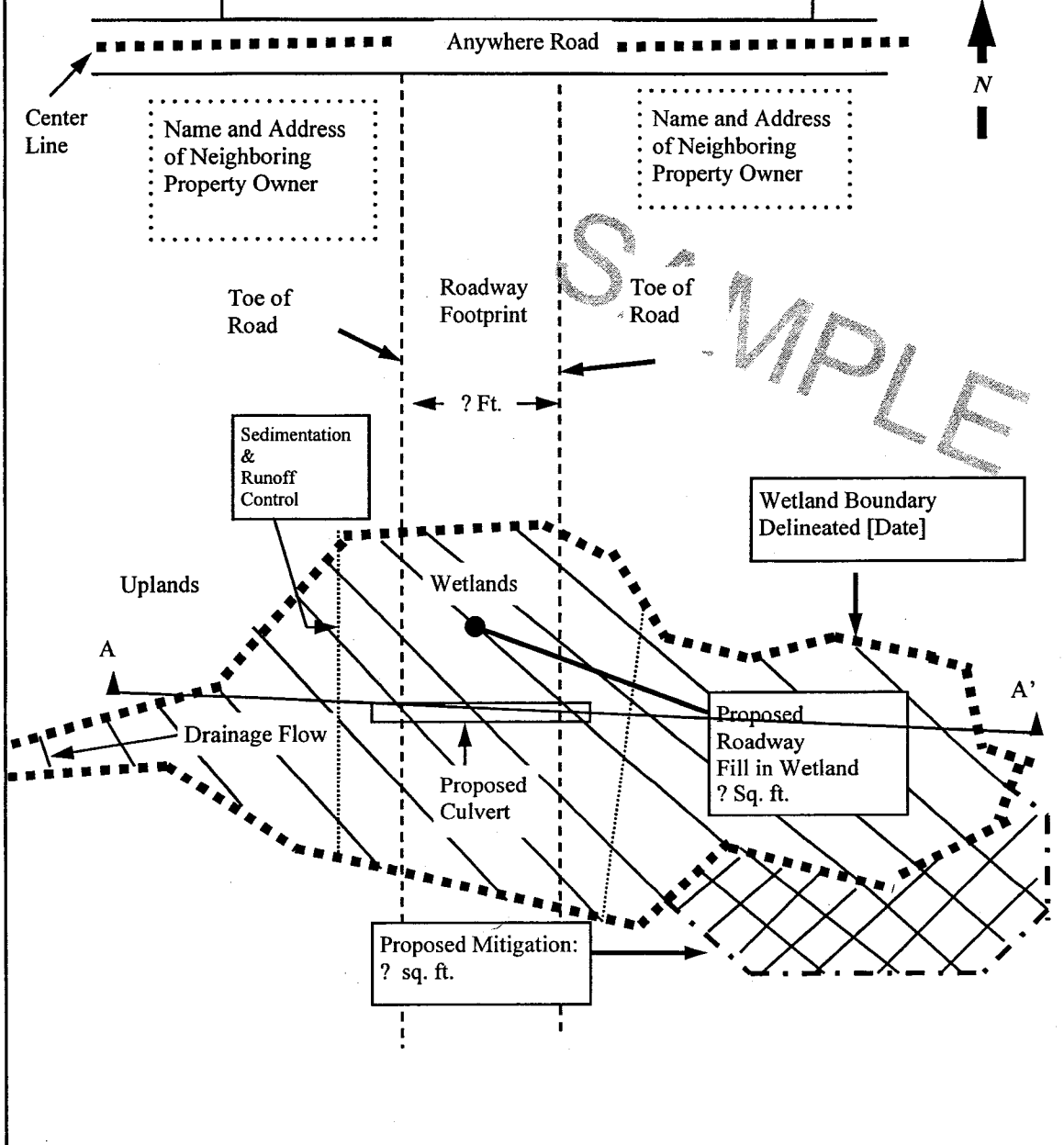


Scale: ?" = ?'

City, Borough, State
 Directions to site: City, County, State, Zip Code

Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed Activity: Residential Wetland Fill
 Sec. T. R. M.
 Lat.: Long.:
 Sheet 1 of ? Date / /

WETLAND FILL FOR ROAD—PLAN VIEW



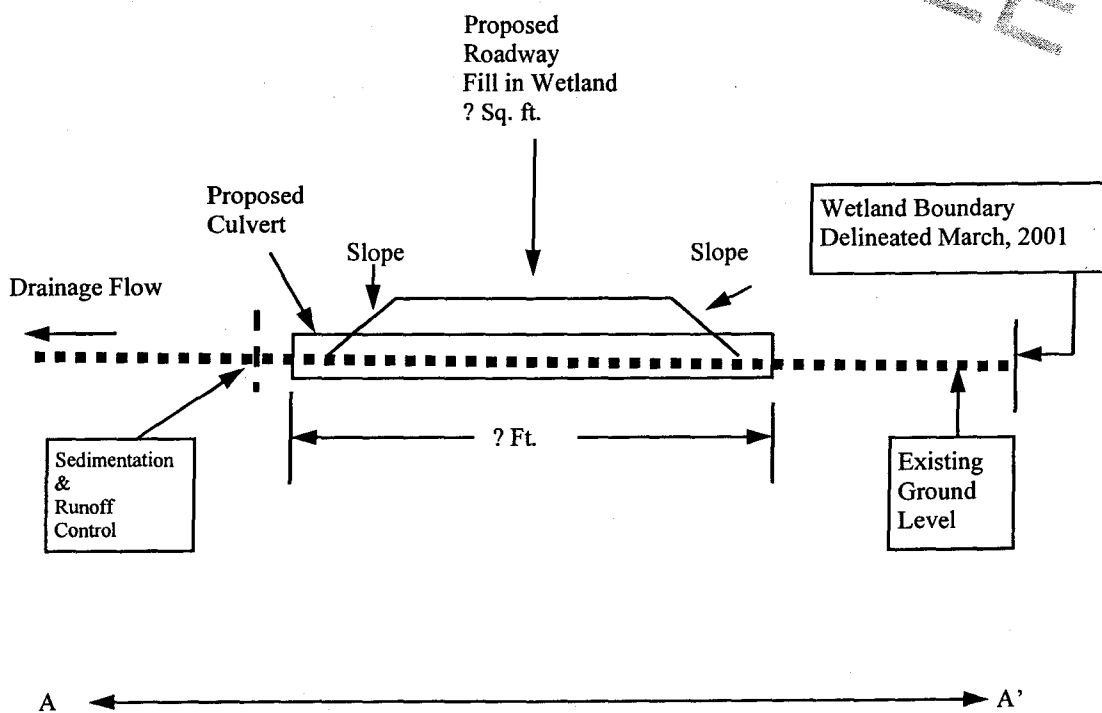
Scale: ? In. = ? Ft.

City, Borough, State
Directions to site:

Applicant:
File No.: POA-XXXX-XXXX
Waterway:
Proposed Activity: Wetland Fill for Road
Sec. T. R. M.
Lat.: Long.:
Sheet 1 of ? Date / /

WETLAND FILL FOR ROAD—CROSS SECTION VIEW A-A'

SAMPLE



Scale: ? In. = ? Ft.

City, Borough, State

Directions to site:

Applicant:

File No.: POA-XXXX-XXXX

Waterway:

Proposed Activity: Wetland Fill for Road

Sec. T. R. M.

Lat.: Long.:

Sheet 1 of?. Date / /

STREAM CROSSING PLAN VIEW

Center Line

Anywhere Road



Name and Address of
Neighboring
Property Owner

Name and Address
of Neighboring
Property Owner

Road
Toe

Road
Toe

Sedimentation
&
Runoff
Control

Stream
Side
Fill

Ordinary High
Water Mark
(OHWM) or Tide
Lines as applicable

Deer Creek

Flow

OHWM or
Tide Lines as
applicable

wetlands

uplands

Proposed
Structure
(bridge, etc.)

Wetland/upland boundary

Riparian
Plantings



Scale: ? In. = ? Ft.

City, Borough, State

Directions to site

Applicant:
File No.: POA-XXXX-XXXX
Waterway:
Proposed activity: Stream crossing
Sec. T. R. M.
Lat.: Long.:
Sheet 1 of? Date / /

SAMPLE

STREAM CROSSING CROSS SECTION VIEW A-A'

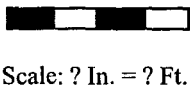
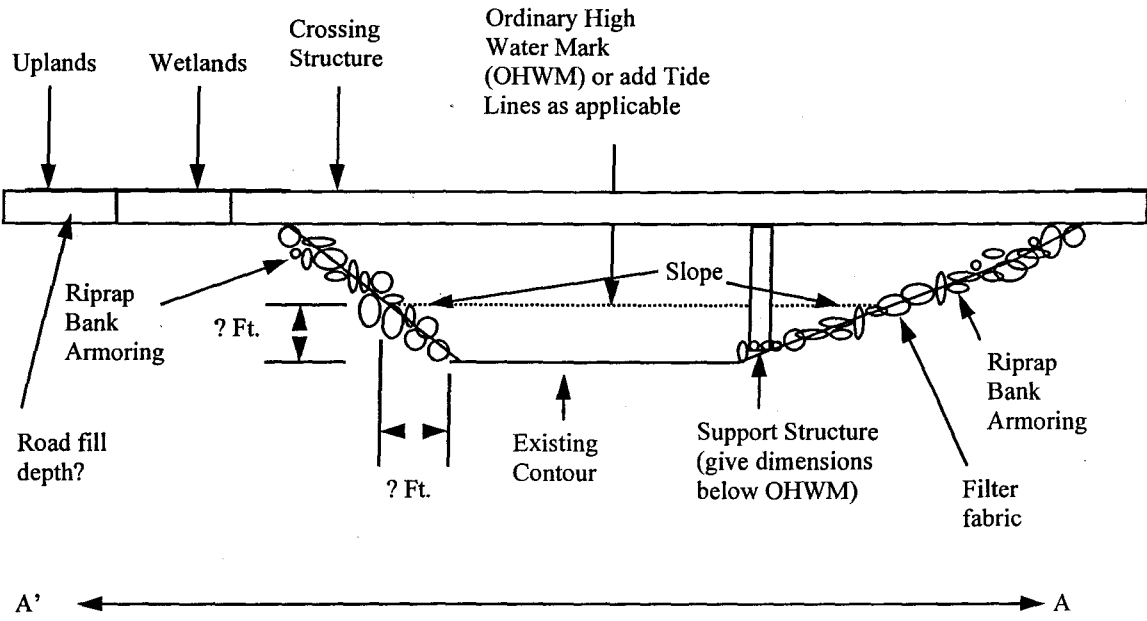
[Facing Downstream]

Provide details of:
 Riprap Armoring
 (total Cu. yd. below OHWM or High Tide Line)

 Dimensions of structure
 Below OHWM or Mean High Water if tidal

 Bank stabilization
 (proposed contours, etc.)

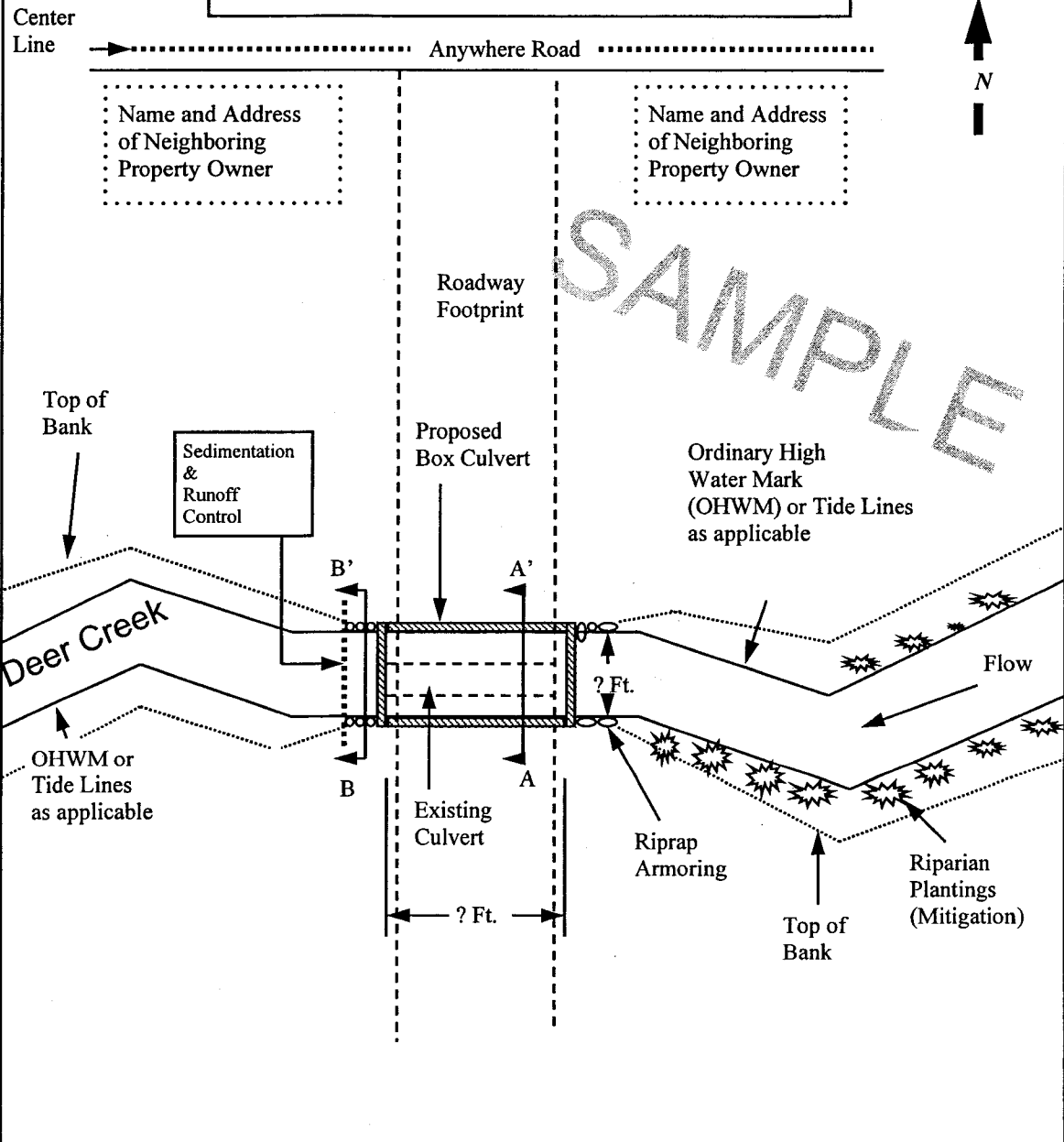
SAMPLE



City, Borough, State
 Directions to site:

Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed Activity: Stream Crossing
 Sec. T. R. M.
 Lat.: Long.:
 Sheet 1 of ? Date / /

CULVERT REPLACEMENT—PLAN VIEW



Scale: ? In. = ? Ft.

City, Borough, State
 Directions to site

Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed Activity: Culvert replacement
 Sec. T. R. M.
 Lat.: Long.:
 Sheet 1 of ? Date / /

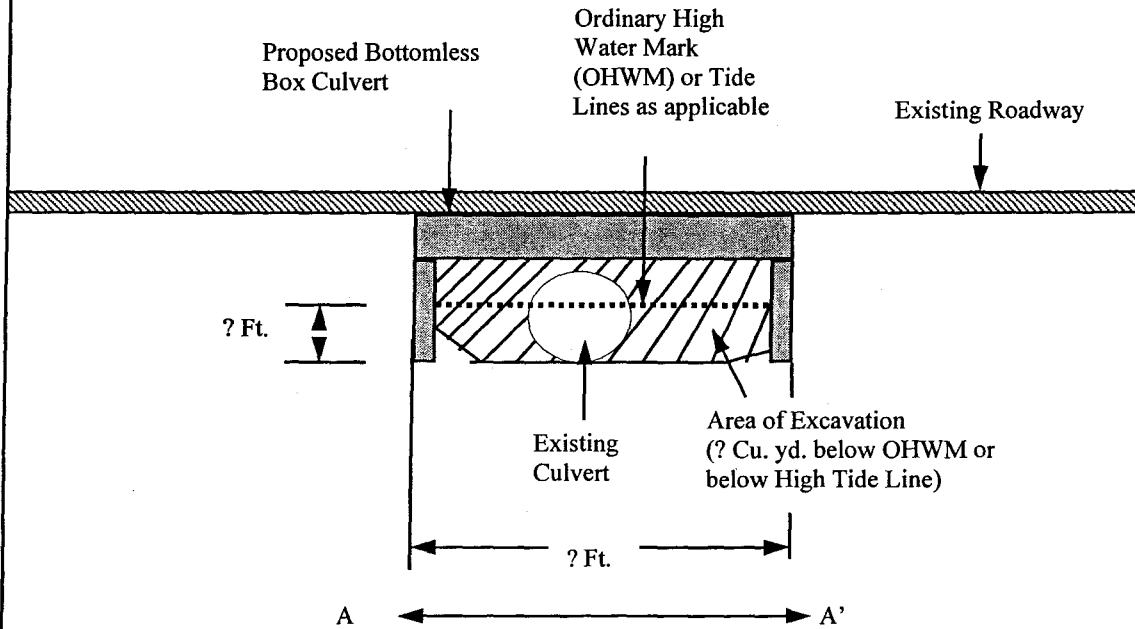
CULVERT REPLACEMENT - CROSS-SECTION VIEW A-A'


[Facing Downstream]

Provide details of:
 Riprap Armoring
 (total cubic. yd. below
 OHWM or Mean High
 Water if tidal)

Dimensions of excavation
 and structure placed
 below OHWM or Mean
 High Water if tidal

SAMPLE




 Scale: ? In. = ? Ft.

City, Borough, State

Directions to site

Applicant:

File No.: POA-XXXX-XXXX

Waterway:

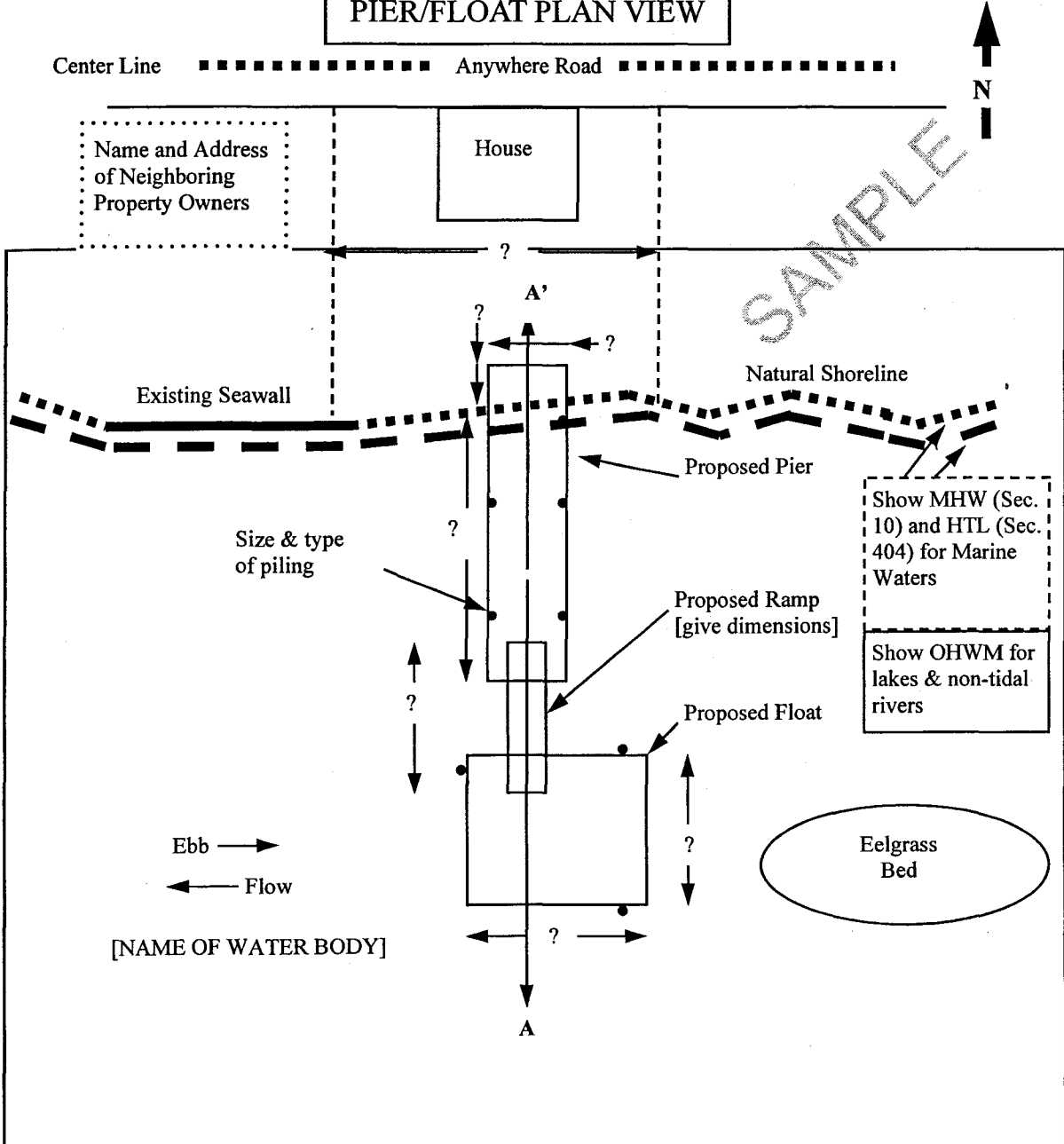
Proposed Activity: Culvert Replacement

Sec. T. R. M.

Lat.: Long.:

Sheet 1 of ? Date / /

PIER/FLOAT PLAN VIEW



• = Proposed Pilings

Scale: ?" = ?'

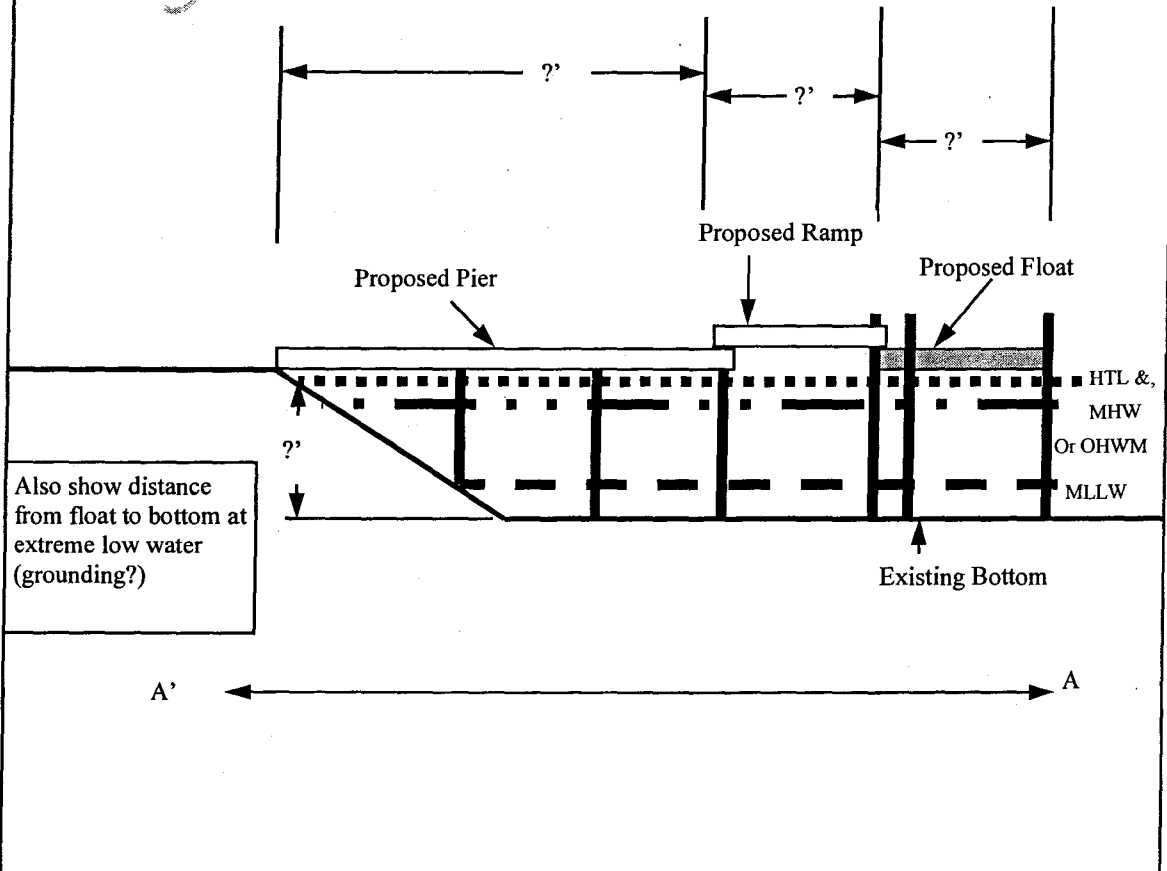
City, Borough, State
 Directions to site

Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed Activity: Pier, ramp, float
 Sec. T. R. M.
 Lat.: Long.:
 Sheet 1 of? Date / /

PIER/FLOAT CROSS-SECTION VIEW A-A'

Proposed Structures:
 ?' wide wooden Pier
 ?' wide aluminum ramp
 ?' X ?' concrete float (shaded area)
 ?" untreated wooden piles (5 total)

SAMPLE



Also show distance from float to bottom at extreme low water (grounding?)

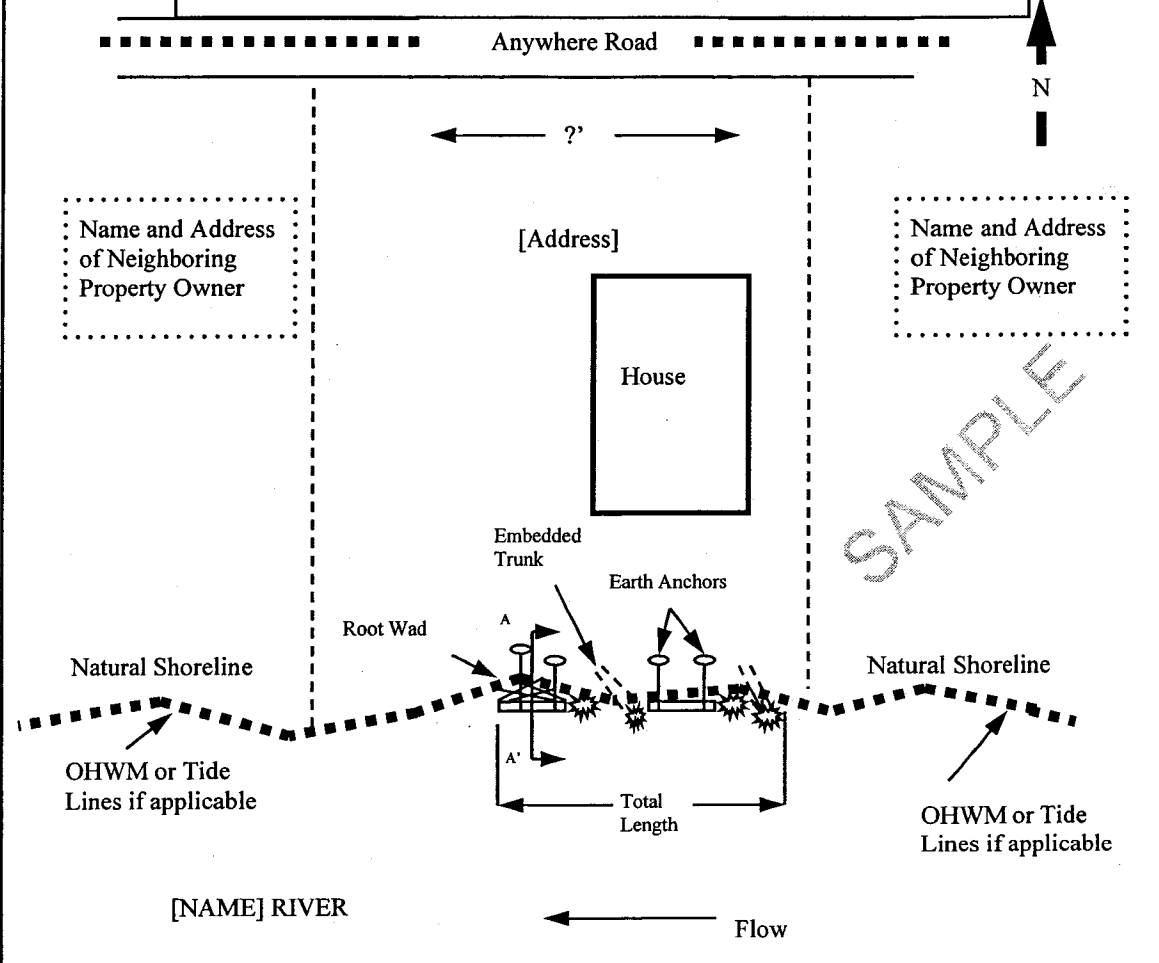


Scale: ?" = ?'

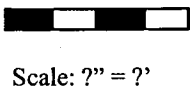
City, Borough, State
 Directions to site

Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed activity: Pier/float
 Sec. T. R. M.
 Lat.: Long.:
 Sheet 1 of ? Date / /

BANK STABILIZATION - BIOENGINEERING—PLAN VIEW



Note: It may be helpful to refer to the Alaska Department of Fish & Game's Streambank Restoration & Protection Guidebook, which can be viewed on their web site at:
<http://www.sf.adfg.state.ak.us/sarr/restoration/techniques/techniques.cfm>



City, Borough, State,
 Directions to site

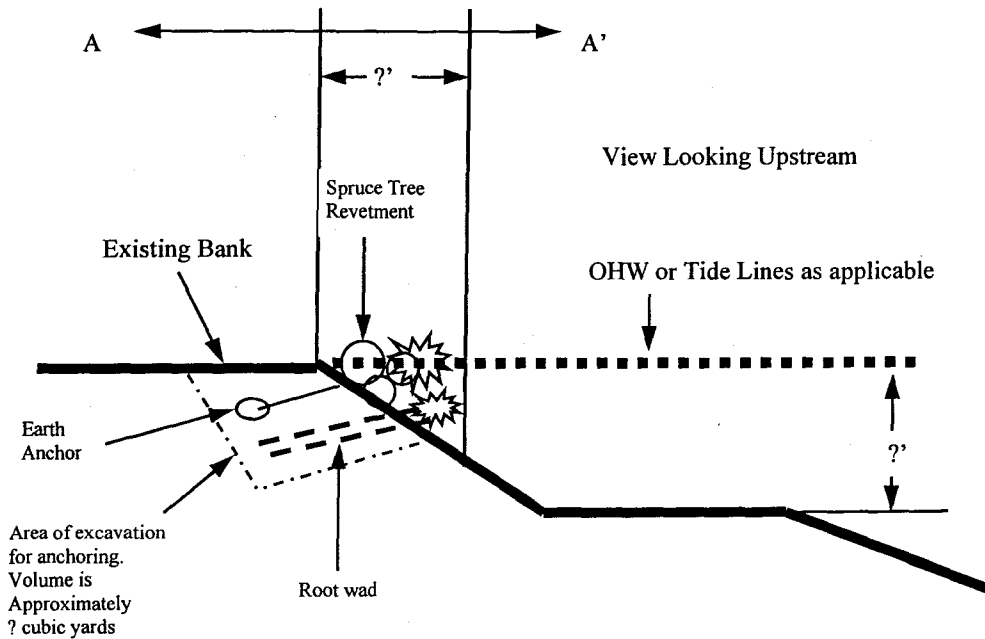
Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed Activity: Bank Protection—Bioengineering
 Sec. T. R M..
 Lat.: Long.:
 Sheet 1 of ? Date / /

BANK STABILIZATION (BIOENGINEERING) CROSS SECTION A-A'

? cubic feet of bioengineering material per running foot of shoreline.

Approximately
? cu. yds. total

SAMPLE



Note: It may be helpful to refer to the Alaska Department of Fish & Game's Streambank Restoration & Protection Guidebook, which can be viewed on their web site at:
<http://www.sf.adfg.state.ak.us/sarr/restoration/techniques/techniques.cfm>

City, Borough, State
Directions to Site



Scale: ?" = ?'

Applicant:

File No.: POA-XXXX-XXXX

Waterway:

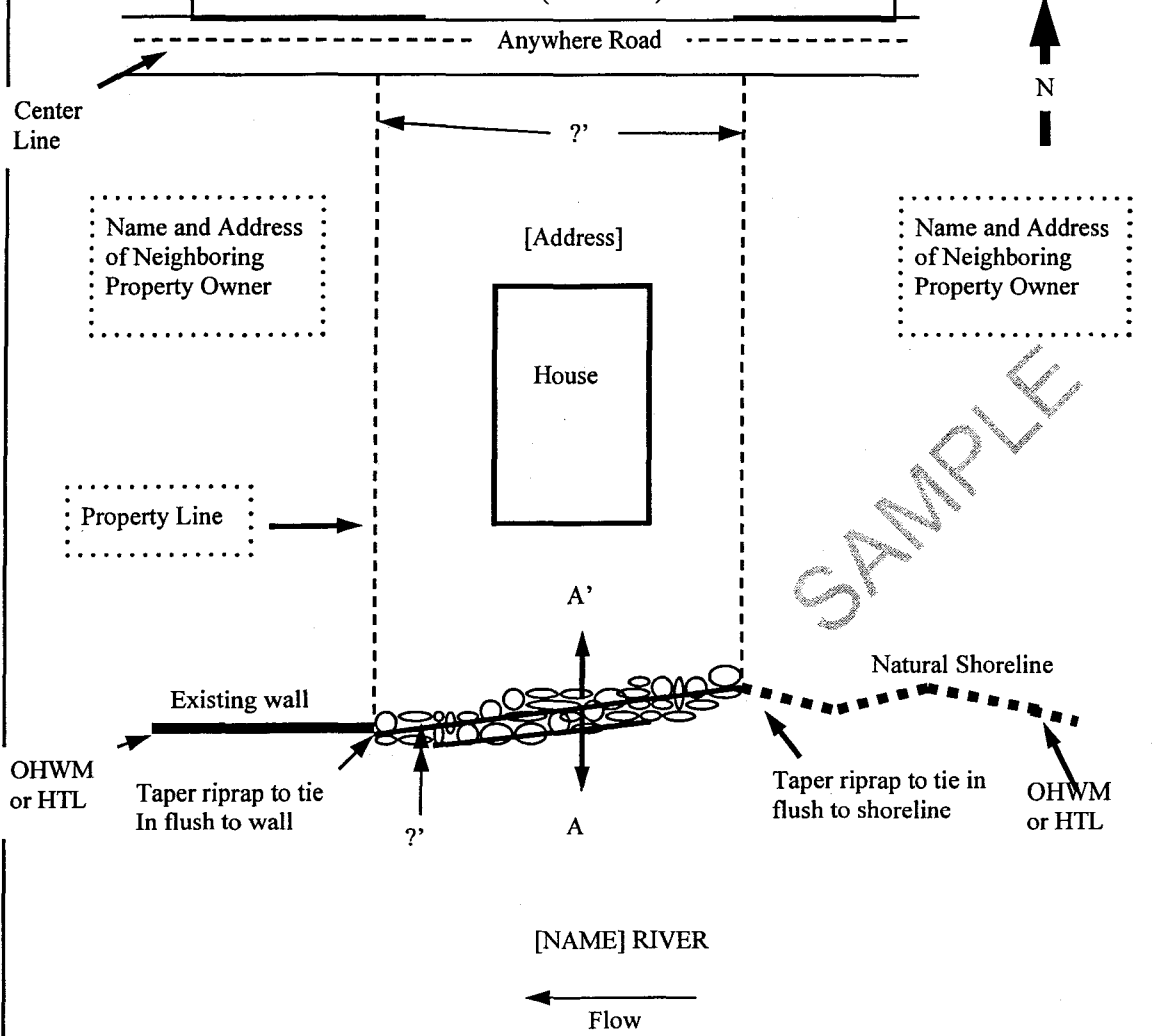
Proposed Activity: Bank Stabilization

Sec. T. R. M.

Lat.: Long.:

Sheet I of ? Date / /

BANK STABILIZATION (RIPRAP) PLAN VIEW



Scale: ?" = ?'

City, Borough, State

Directions to site

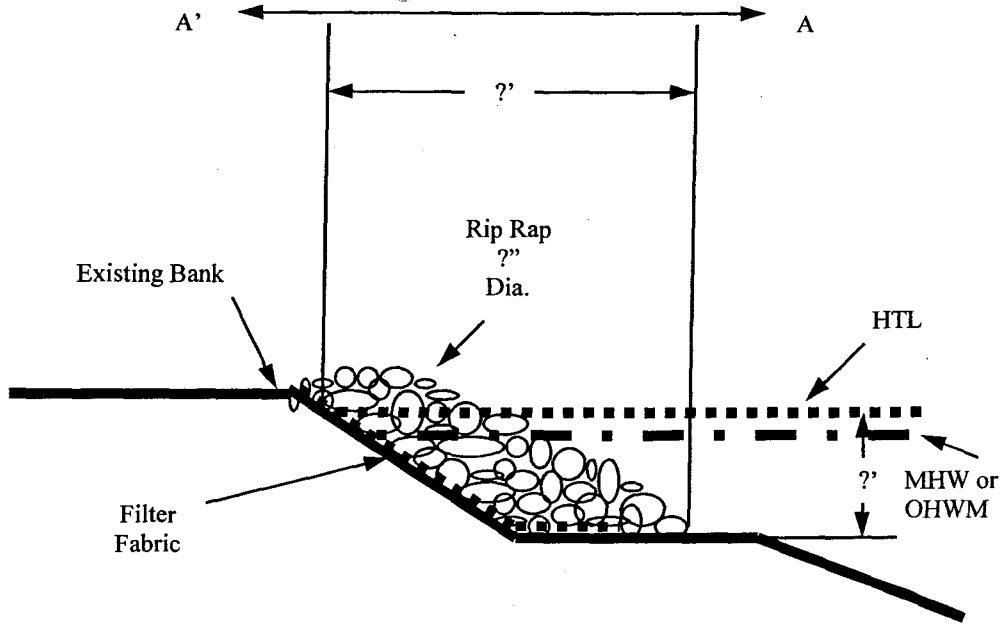
Applicant:
 File No.: POA-XXXX-XXXX
 Waterway:
 Proposed activity: Bank stabilization (riprap)
 Sec. T. R. M.
 Lat.: Long.:
 Sheet 1 of ? Date / /

BANK STABILIZATION (RIPRAP) CROSS-SECTION VIEW A-A'

? cubic yards of stone
per running foot of shoreline.

Rip rap matched to
existing grade

Approximately
? cu. yds. total



Scale: ?" = ?'

City, Borough, State

Directions to site

Applicant:

File No.: POA-XXXX-XXXX

Waterway:

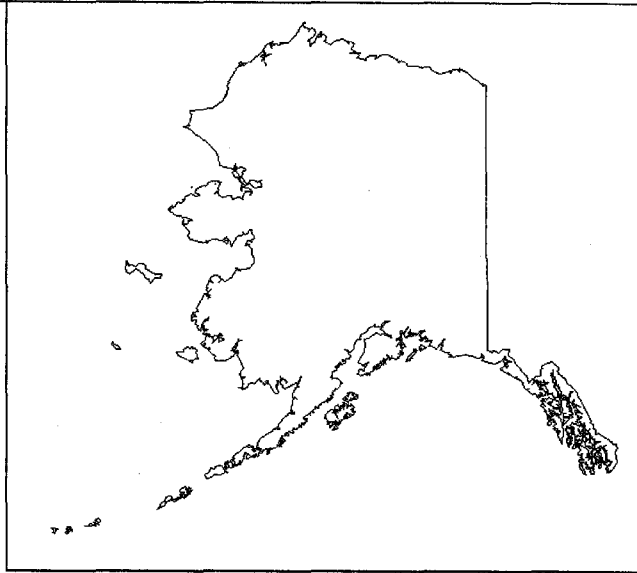
Proposed activity: Bank stabilization (riprap)

Sec. T. R. M.

Lat.: Long.:

Sheet 1 of ? Date / /

VICINITY MAP



Scale:

Sheet No. Of

Applicant:

File No.: POA-

Waterway:

Sec. T. R. M.

Lat.: Long.:

Date: