

Sample Plans

Figure 1, Illustration of Banks

Figure 2, Facility Perimeter Examples

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Typical Plan Open Pile Docking Facility

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Sample Plan 7, Proposed Bridge Construction

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General Site Plan & Project Plan for a Culvert Project

General Site Plan & Project Plan for a Dock Project

Sample Project Plan for a Docking/Mooring Facility

General Site Plan & Project Plan Dredging Project

General Site Plan & Project Plan Shoreline Project

Project Plan for a Shoreline Stabilization Project Removing a Vertical Wall

General Site Plan & Project Plan Wetland Project

Example Vertical Wall Project Plan

Example Rip Rap Project Plan

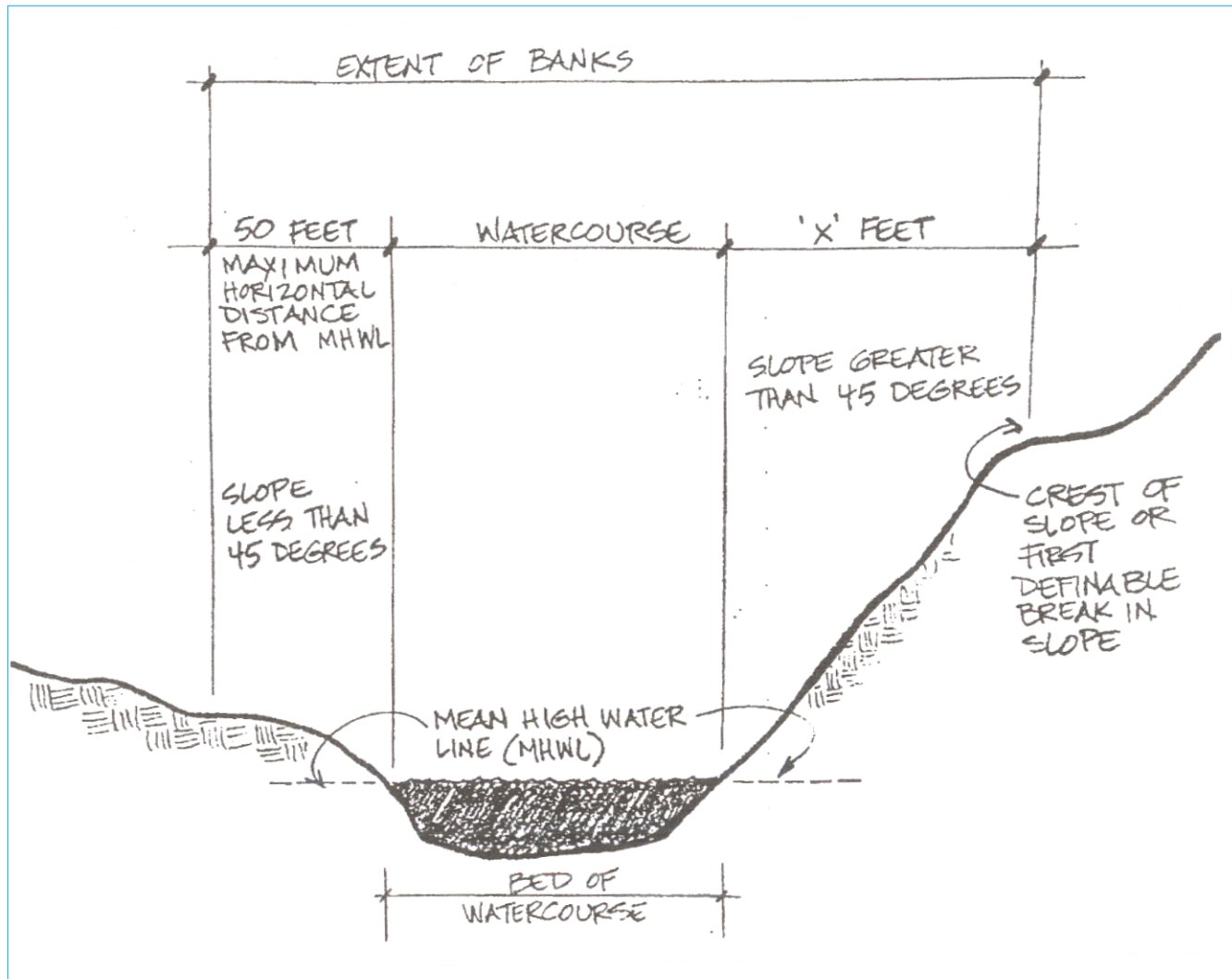
Example Rip Rap Project Profile

Figures 1, 2, 6A, 6B drawn by DEC staff.

Plans and Diagrams 1-4A drawn by Christina Grahm

Plans 5-8 courtesy of the Pennsylvania Department of Environmental Resources.

Figure 1 Illustration of Banks

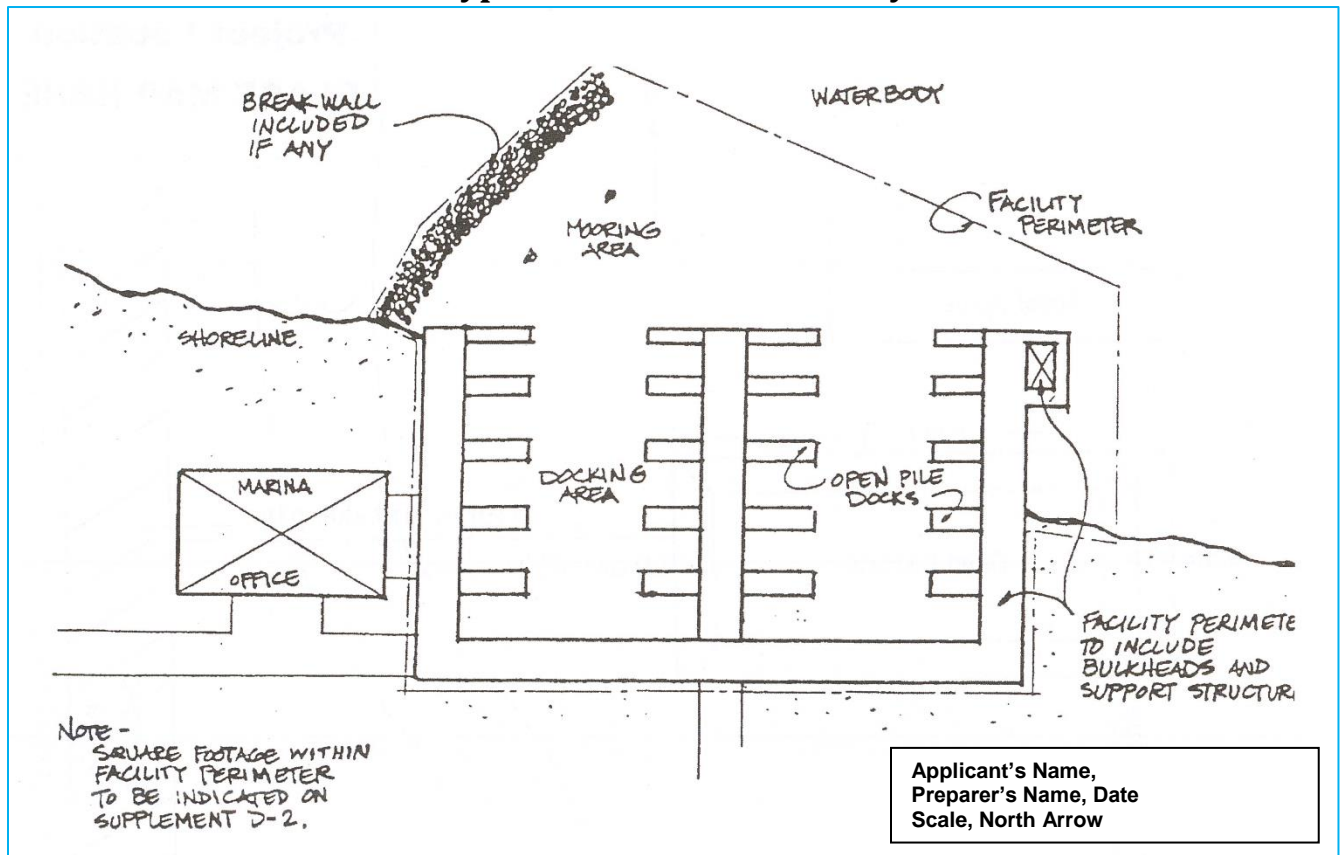


Note: A slope of 45 degrees may also be expressed as 100 percent slope or a 1:1 slope.

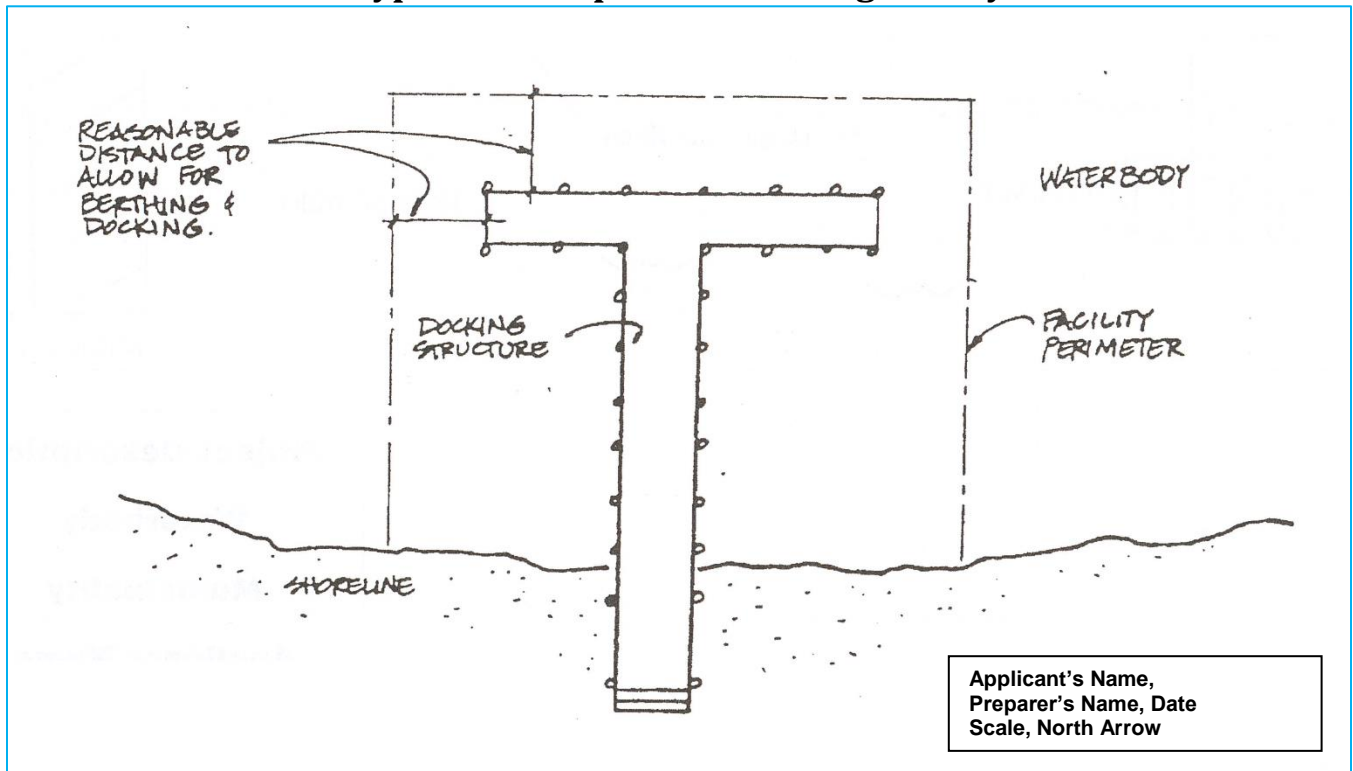
Banks means that land area immediately adjacent to and which slopes toward the bed of a watercourse and which is necessary to maintain the integrity of a watercourse. A bank will not be considered to extend more than 50 feet horizontally from the mean high water line, with the following exception: Where a generally uniform slope of 45 degrees (100%) or greater adjoins the bed of the watercourse, the bank is extended to the crest of the slope or the first definable break in slope, either a natural or constructed (i.e., road or railroad grade) feature, lying generally parallel to the watercourse.

Figure 2 Facility Perimeter Examples

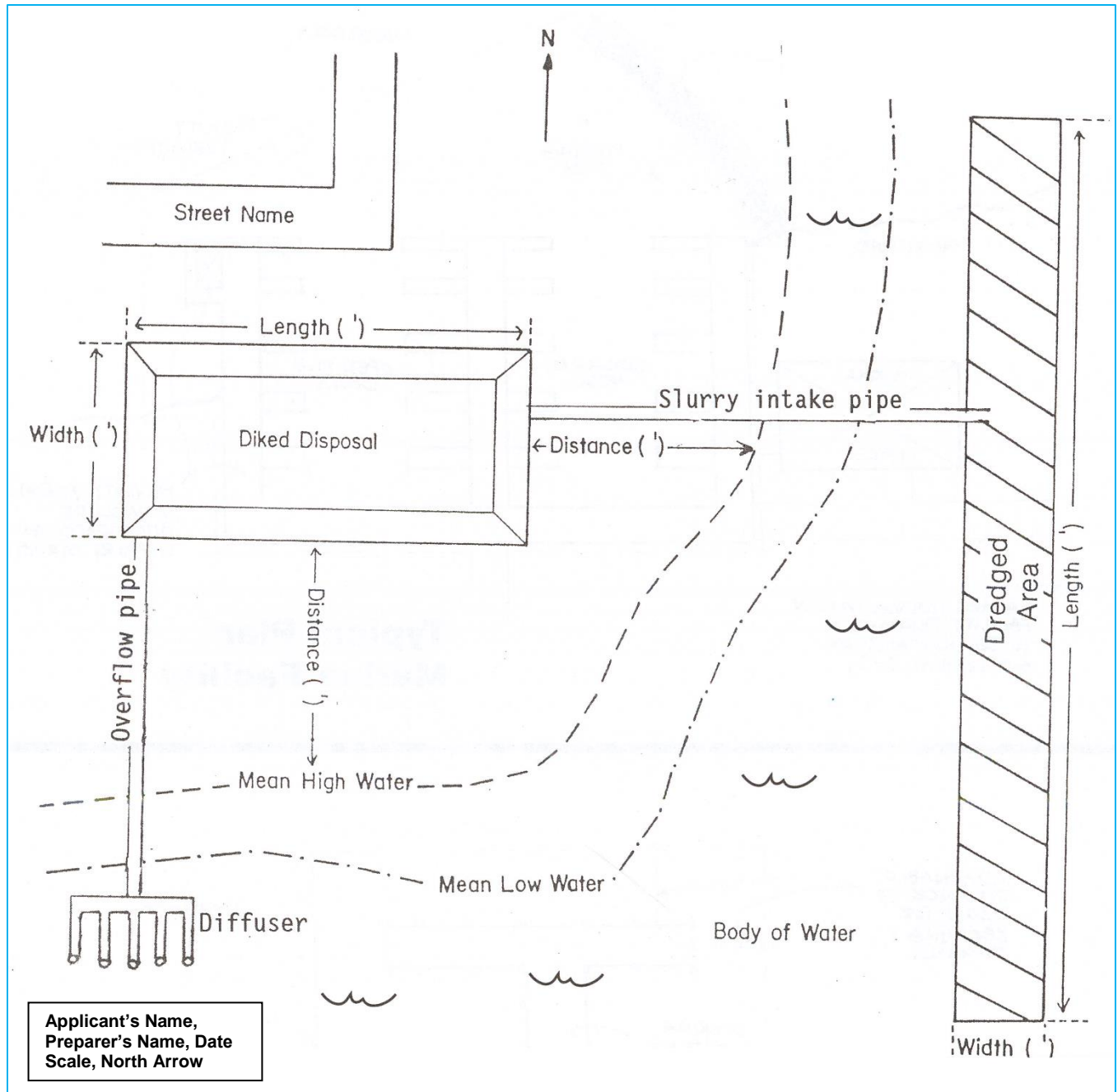
Typical Plan Marina Facility



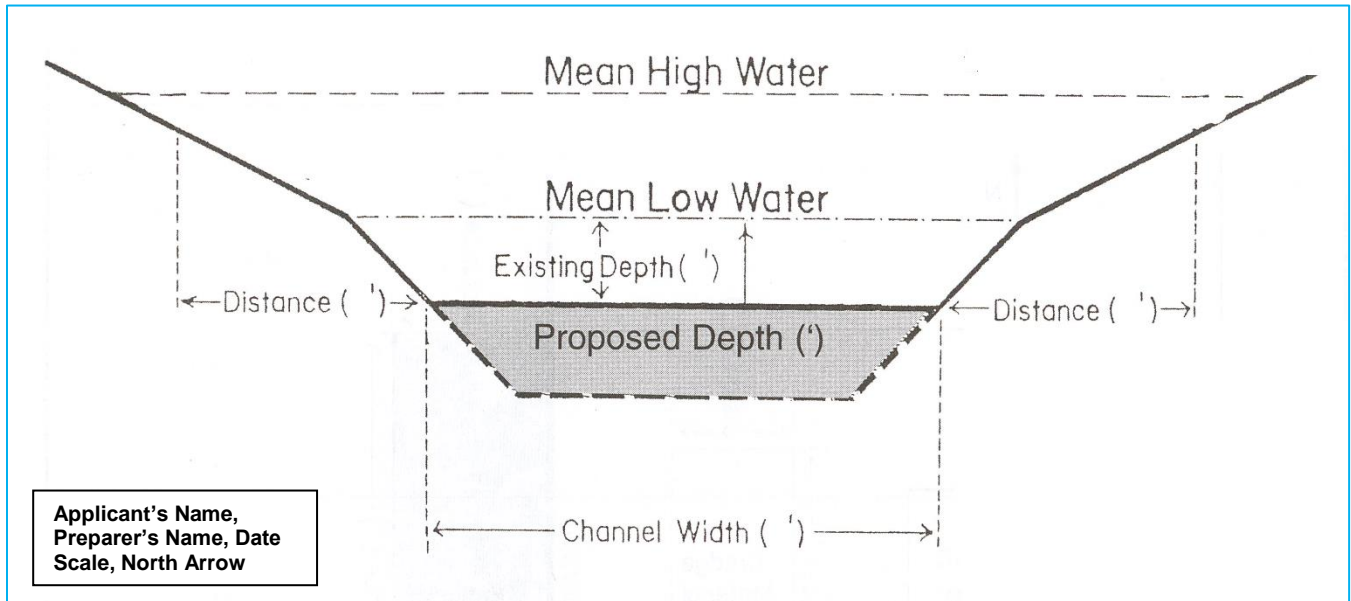
Typical Plan Open Pile Docking Facility



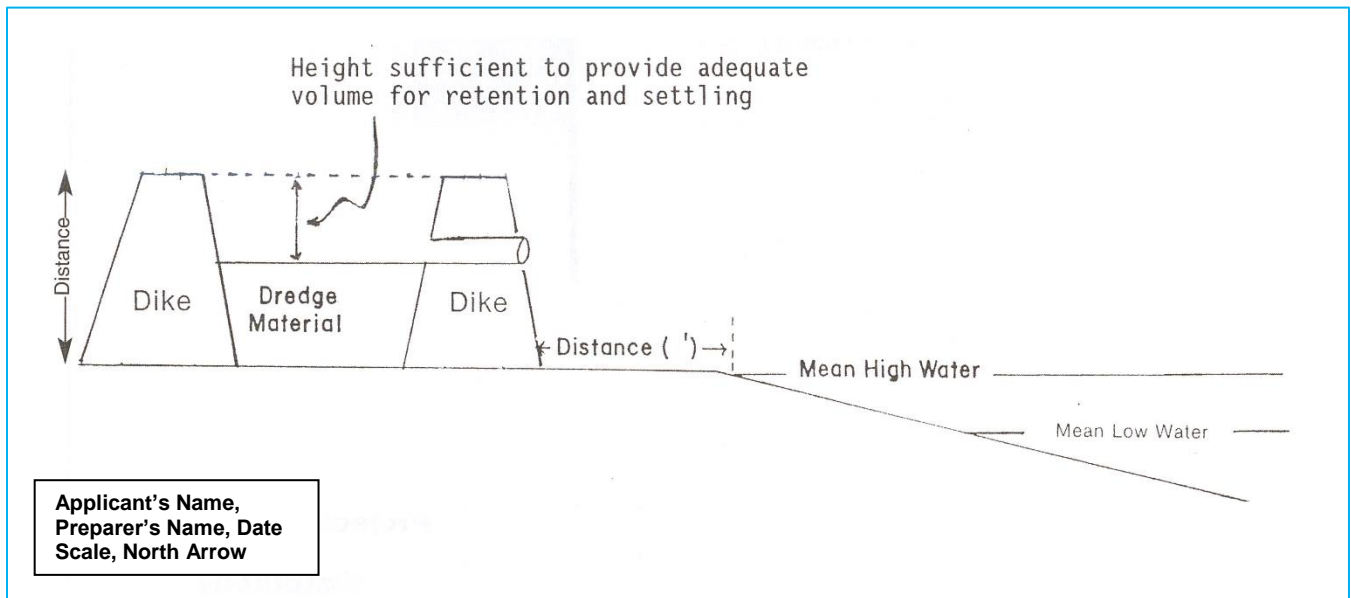
Sample Plan 1 Navigational Dredging (Hydraulic)



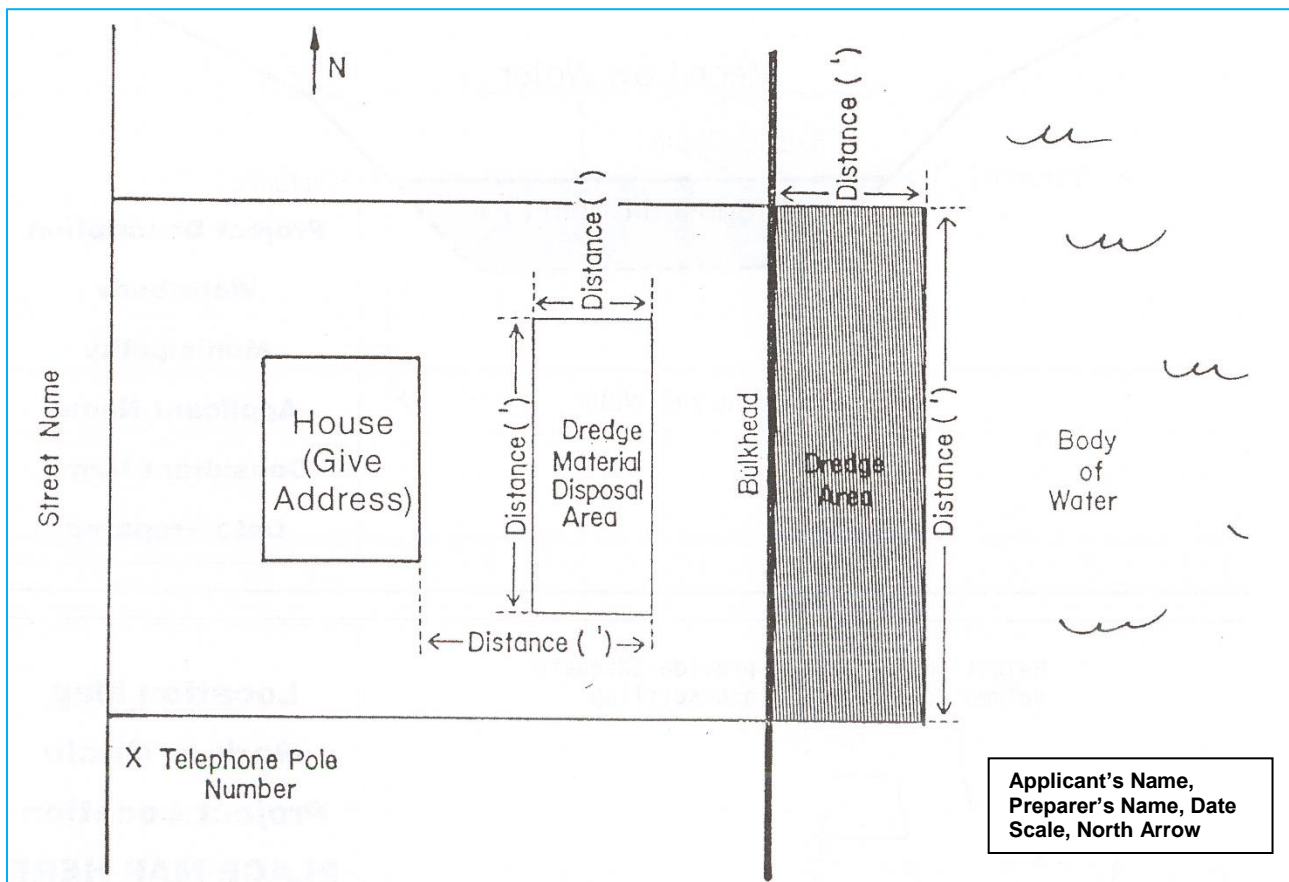
Crossview Diagram 1A (Navigational Dredging)



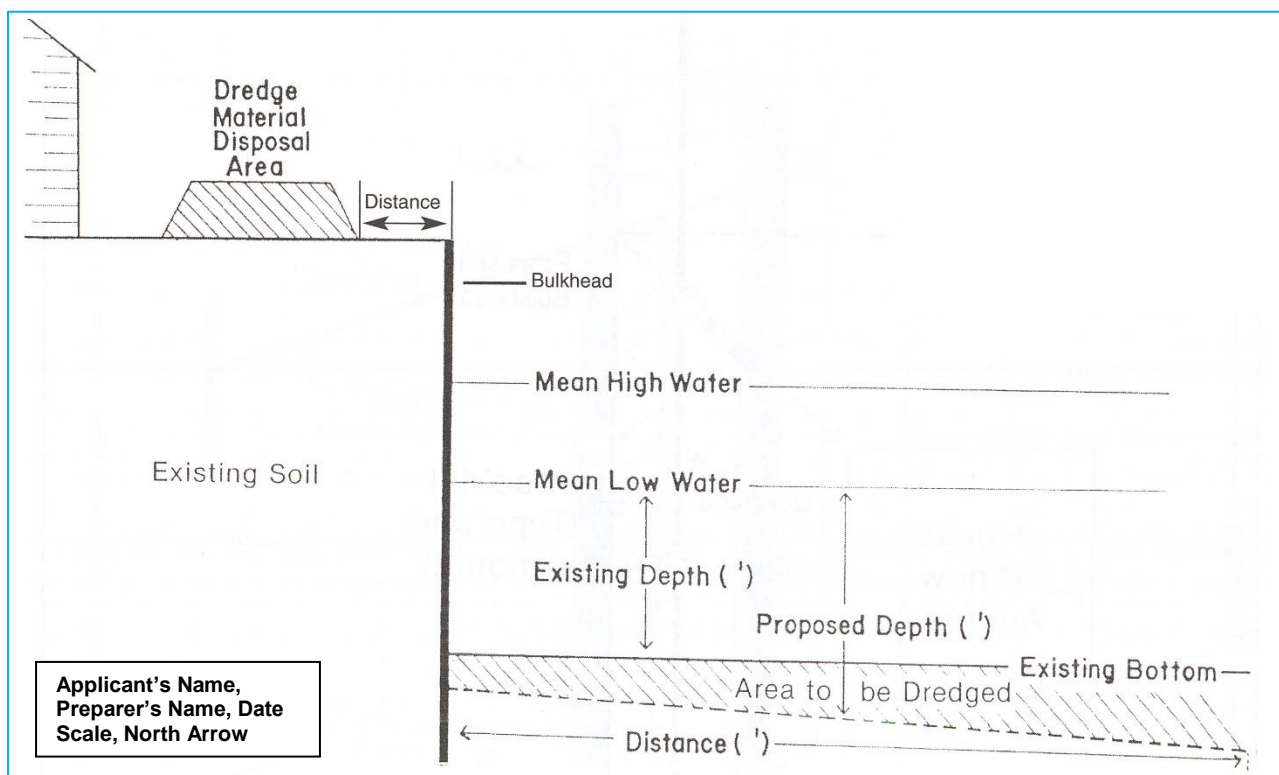
Crossview Diagram 1B (Diked Dredge Material Placement)



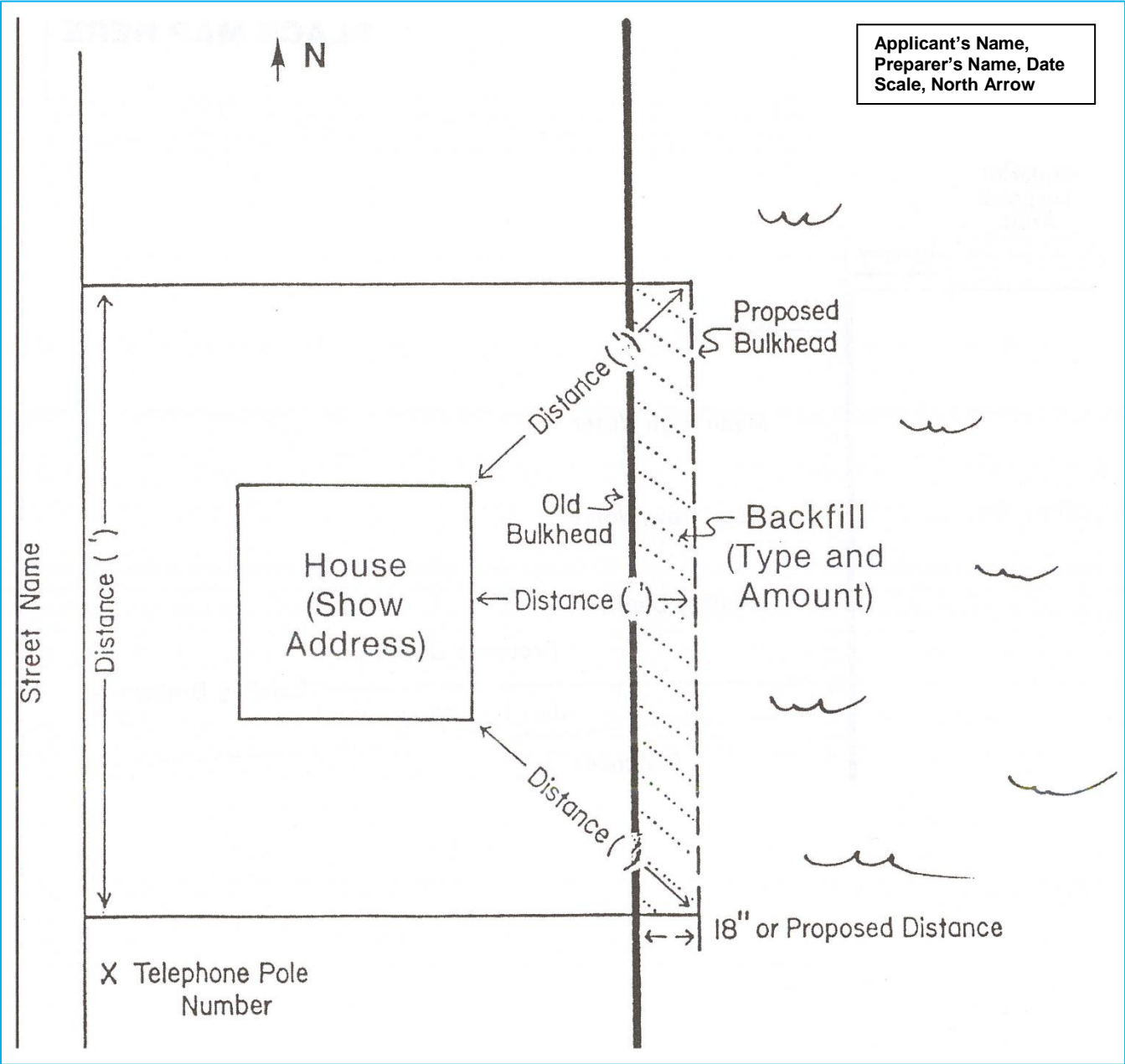
Sample Plan 2 Dredging New and Maintenance



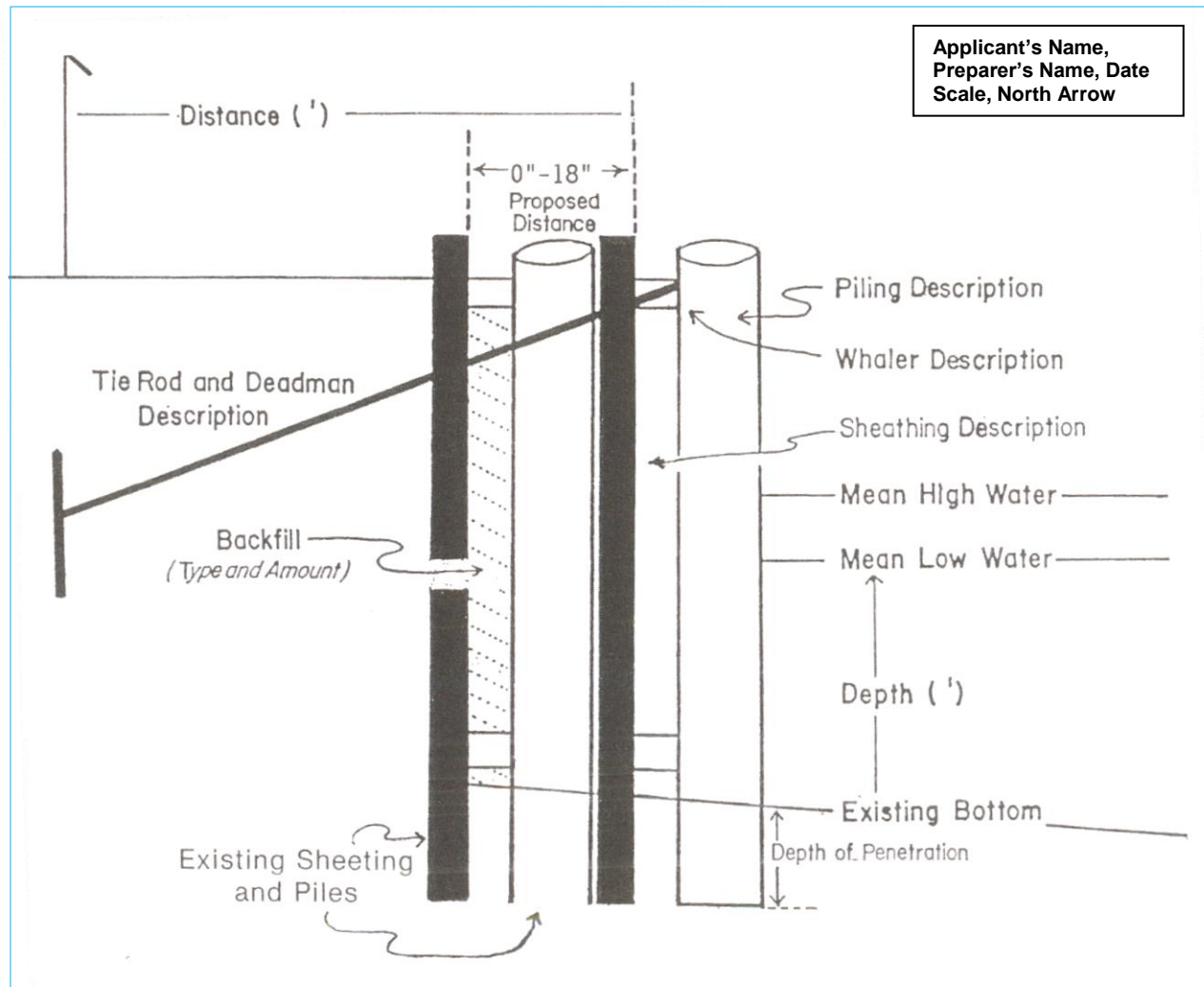
Crossview Diagram 2A Dredging (New and Maintenance)



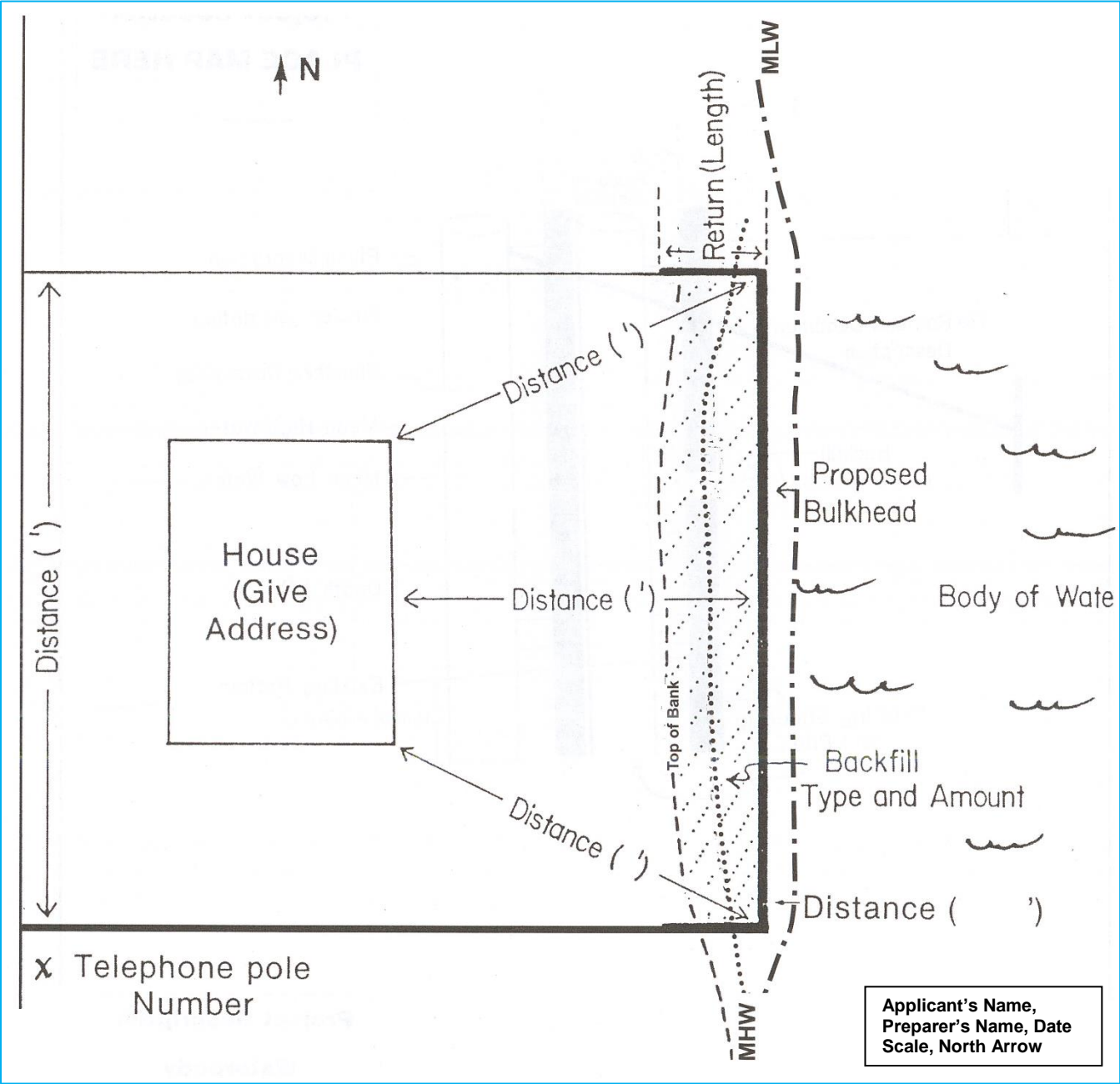
Sample Plan 3 Replacement Bulkhead Construction



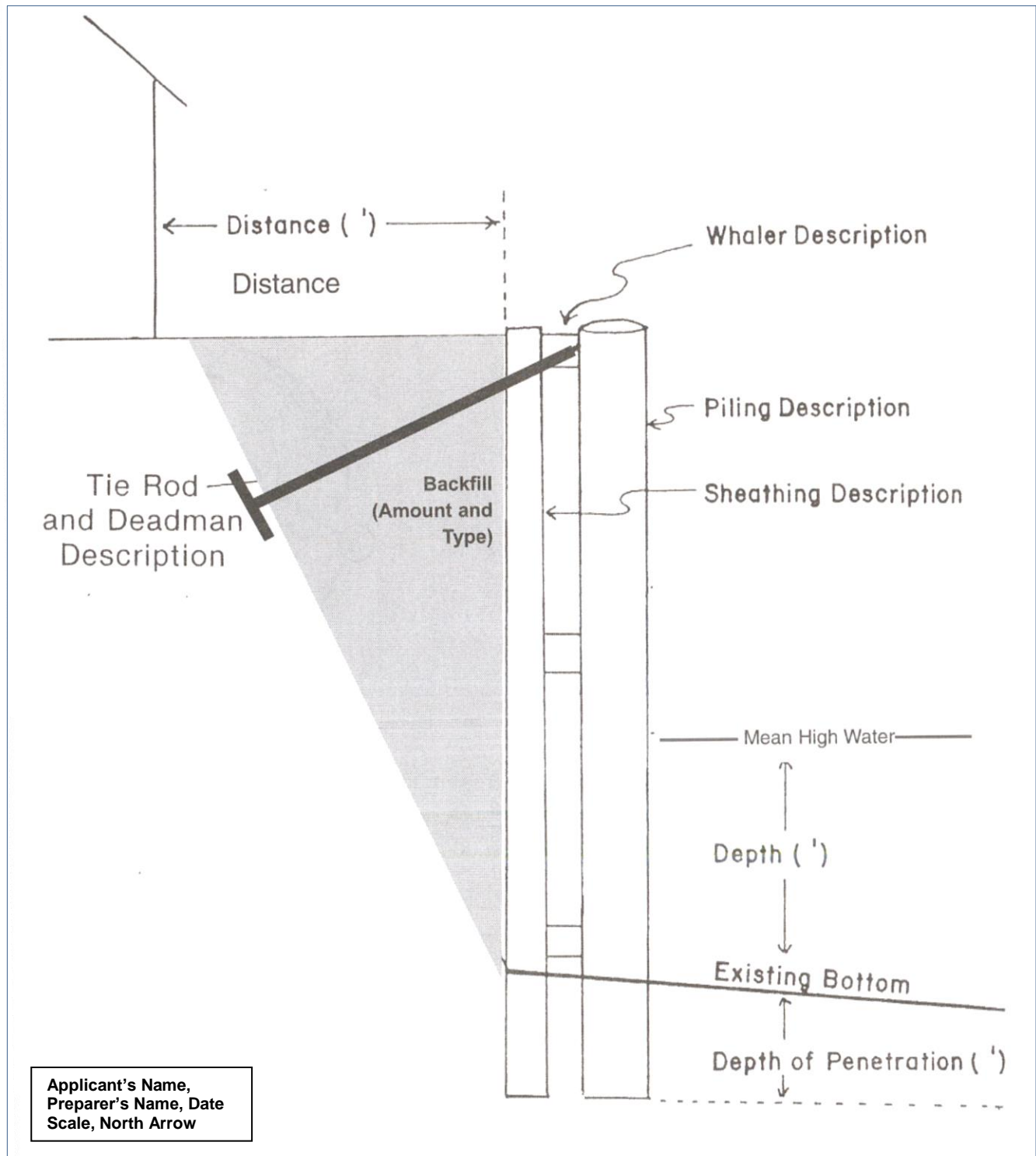
Crossview Diagram 3A (Replacement Bulkhead Construction)



Sample Plan 4 New Bulkhead Construction



Crossview Diagram Plan 4A New Bulkhead Construction



Sample Plan 5 Proposed Riprap Construction

NOTE: THIS PLAN DOES NOT NECESSARILY REPRESENT AN APPROVABLE PROJECT OR AN ACTUAL PROJECT SITE, NOR DOES IT REFLECT LOCAL HEALTH OR BUILDING CODES WHICH MAY ALSO APPLY TO THE PROJECT.

PLAN

Scale: 1 in. = 100 ft.

Top Width

Stream

W.S.

EL.

Bottom width

Top of bank

Existing ground

Proposed Riprap

Property line

Land Owner

Land Use

Flow

100+0

100+20

100+40

100+60

100+80

100+100

100+120

100+140

100+160

100+180

100+200

100+220

100+240

100+260

100+280

100+300

100+320

100+340

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Sample Plan 6 Proposed Culvert Construction

NOTE: THIS PLAN DOES NOT NECESSARILY REPRESENT AN APPROVABLE PROJECT OR AN ACTUAL PROJECT SITE, NOR DOES IT REFLECT LOCAL HEALTH OR BUILDING CODES WHICH MAY ALSO APPLY TO THE PROJECT.

CULVERT

Date Summary

DRAINAGE AREA = _____

SPAN = _____

UNDERCULVANCE = _____

STREAM SLOPE = _____

EXPECTED DISCHARGE = _____

CULVERT DISCHARGE CAPABILITY = _____

TOTAL LENGTH OF CULVERT = _____

W.S. El = WATER SURFACE ELEVATION _____

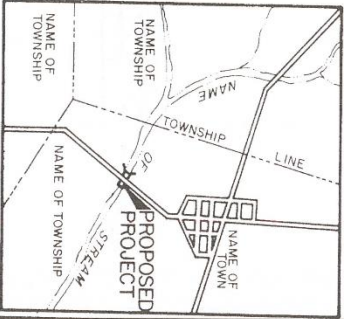
C = CENTER LINE

PL = PROPERTY LINE

LOCATION MAP

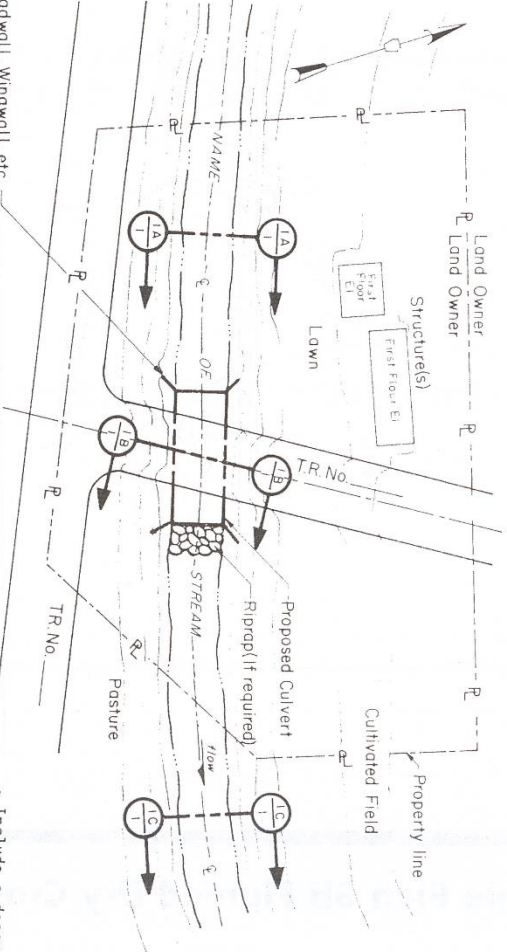
Scale: 1 in. = _____ mi.

NOTE: Use of U.S.G.S. quadrangle map(s) is recommended.



PLAN

Scale: 1 in. = _____ ft.



Headwall, Wingwall, etc. (Not shown in cross-section)

Land Owner

Structure(s)

First Floor El

Lawn

Property line

Cultivated Field

Proposed Culvert

Riprap (if required)

STREAM

Flow

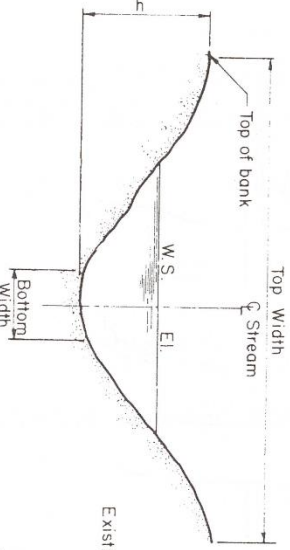
Posture

TR. No. _____

TR. No. _____

SECTION 1A

Scale: 1 in. = _____ ft.



Top of bank

Top of Stream

W.S. El

Bottom Width

Existing ground

High water elevation and date

Depth of fill over culvert

Roadway

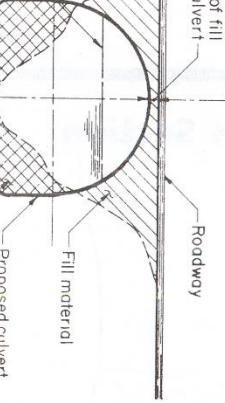
Fill material

Proposed culvert size = _____

Material to be excavated 6" below creek bed

SECTION 1B

Scale: 1 in. = _____ ft.



Proposed culvert size = _____

Material to be excavated 6" below creek bed

NOTES:

- Include a description of the materials to be used.
- Indicate on plans the location and direction of accompanying photographs.
- Describe or show with illustration the invert elevation (lengthwise tilt of the culvert in the stream). This should be no greater than 0.5% slope.
- Stream bottom is to be reestablished through the culvert.
- Existing and proposed 100-year flood elevations must be shown.
- If fill is used in approaches, cross-section must extend to either side to show the extent of the fill.
- If backwater from culvert occurs plan must indicate what areas are affected and to what extent.
- If overflow of roadway is anticipated adequate cross-section with dimensions must be provided.

APPLICANT NAME _____

PLANS PREPARED BY _____

DATE PREPARED _____

PROPOSED CULVERT _____

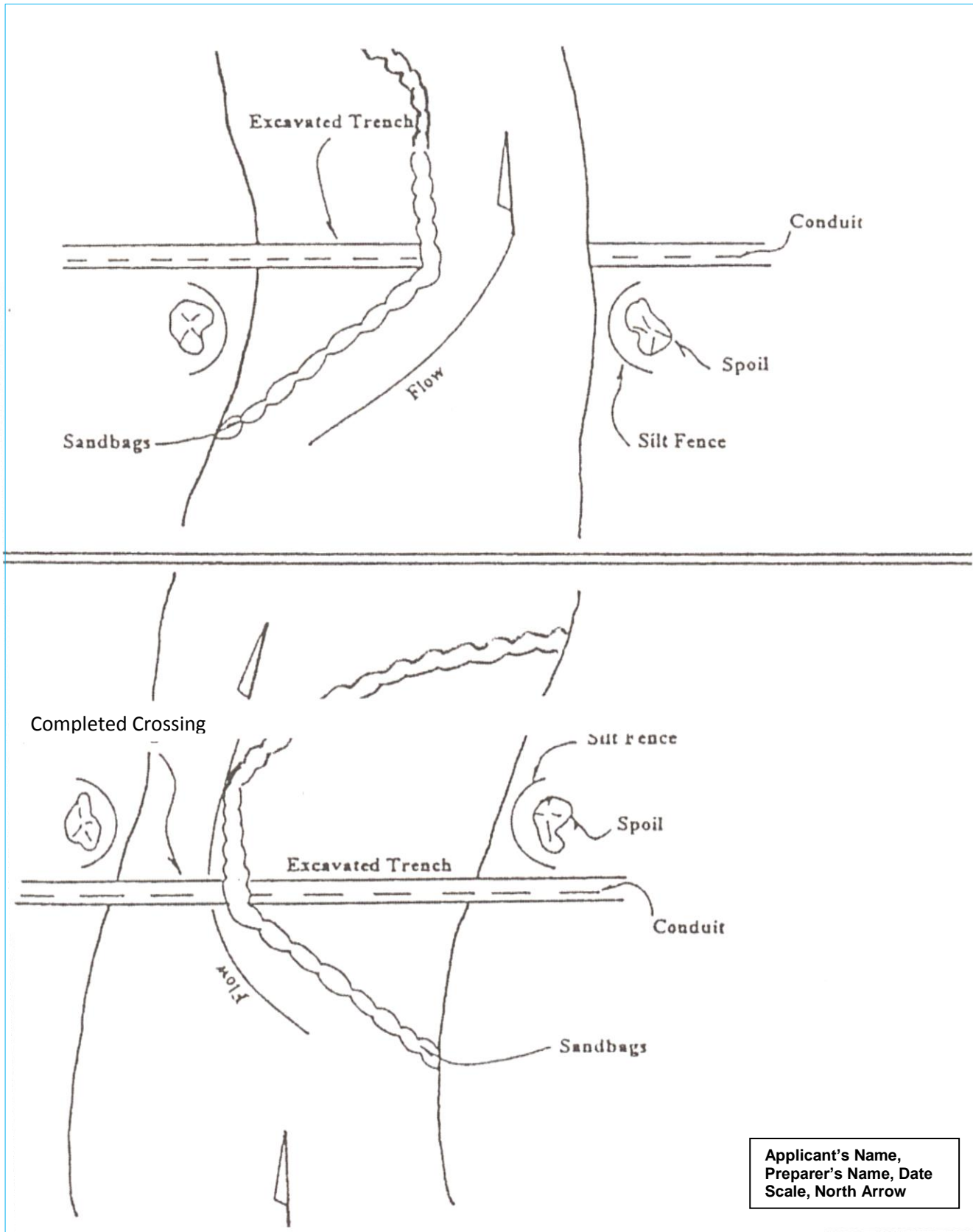
IN THE _____

NAME OF STREAM _____

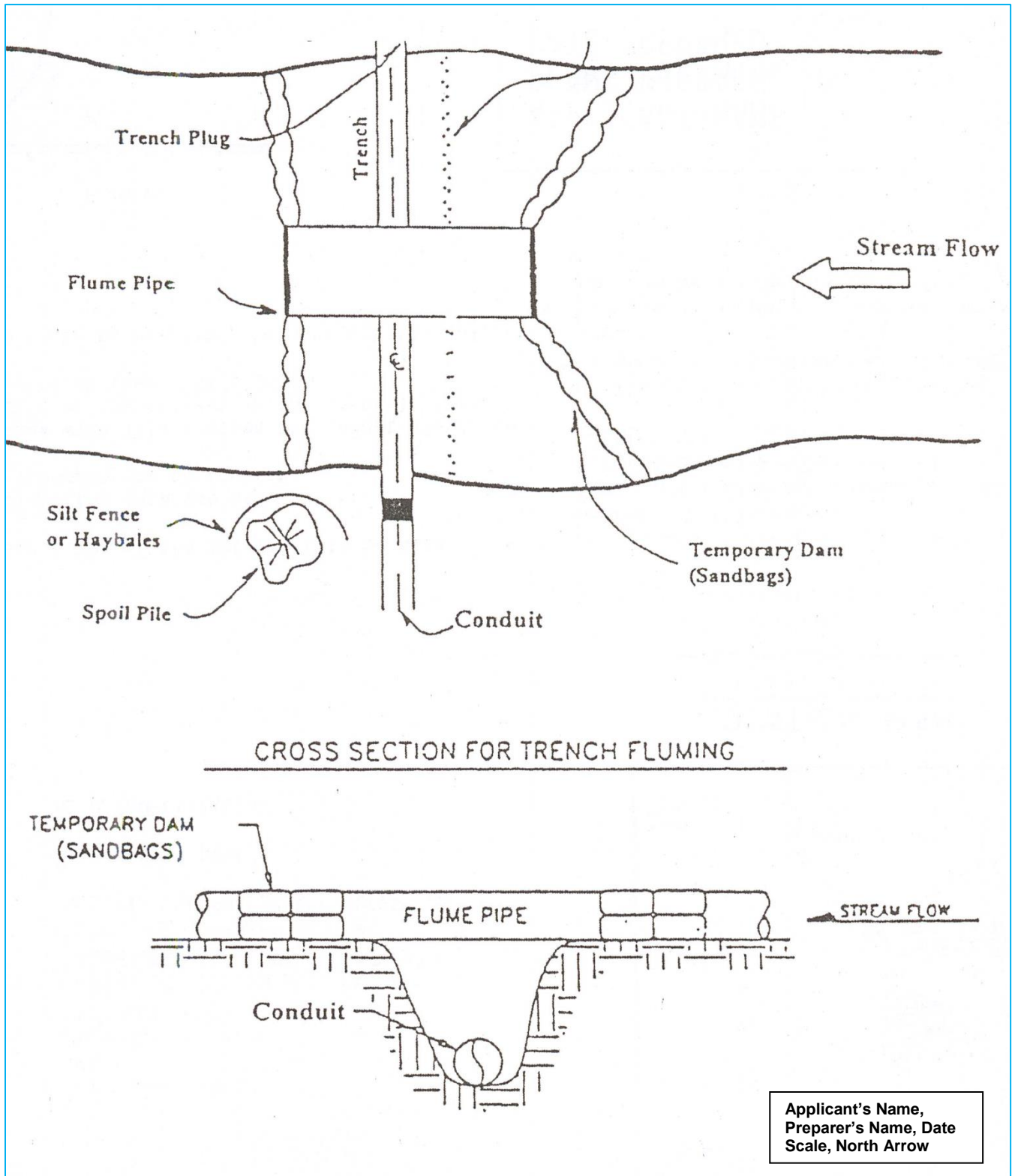
AT OR NEAR _____

TOWN, TOWNSHIP & COUNTY _____

Sample Plan 6A Flow Diversion/Coffer Dam



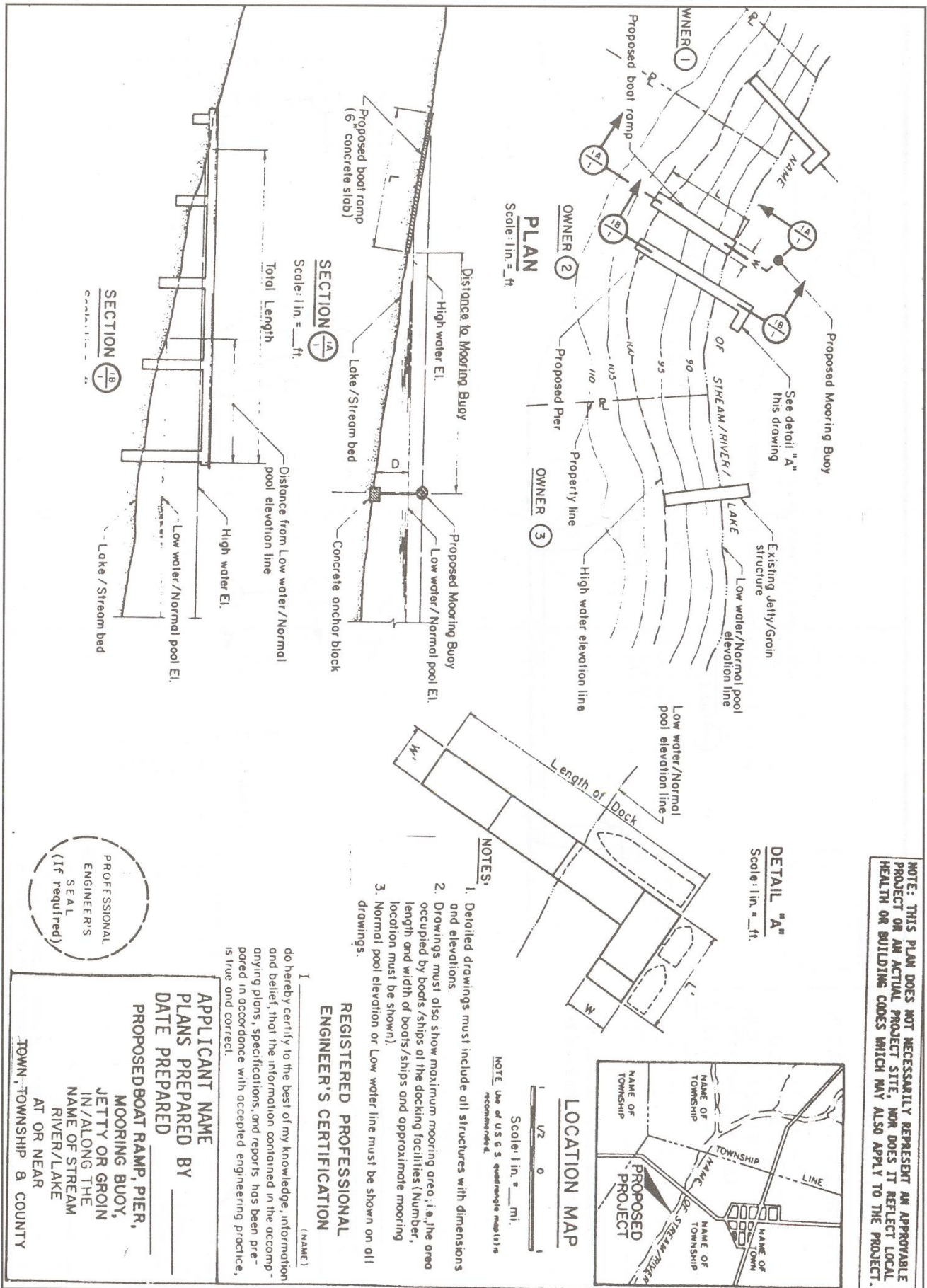
Sample Plan 6B Flumed Dry Crossing and Cross Section



Sample Plan 7 Proposed Bridge Construction

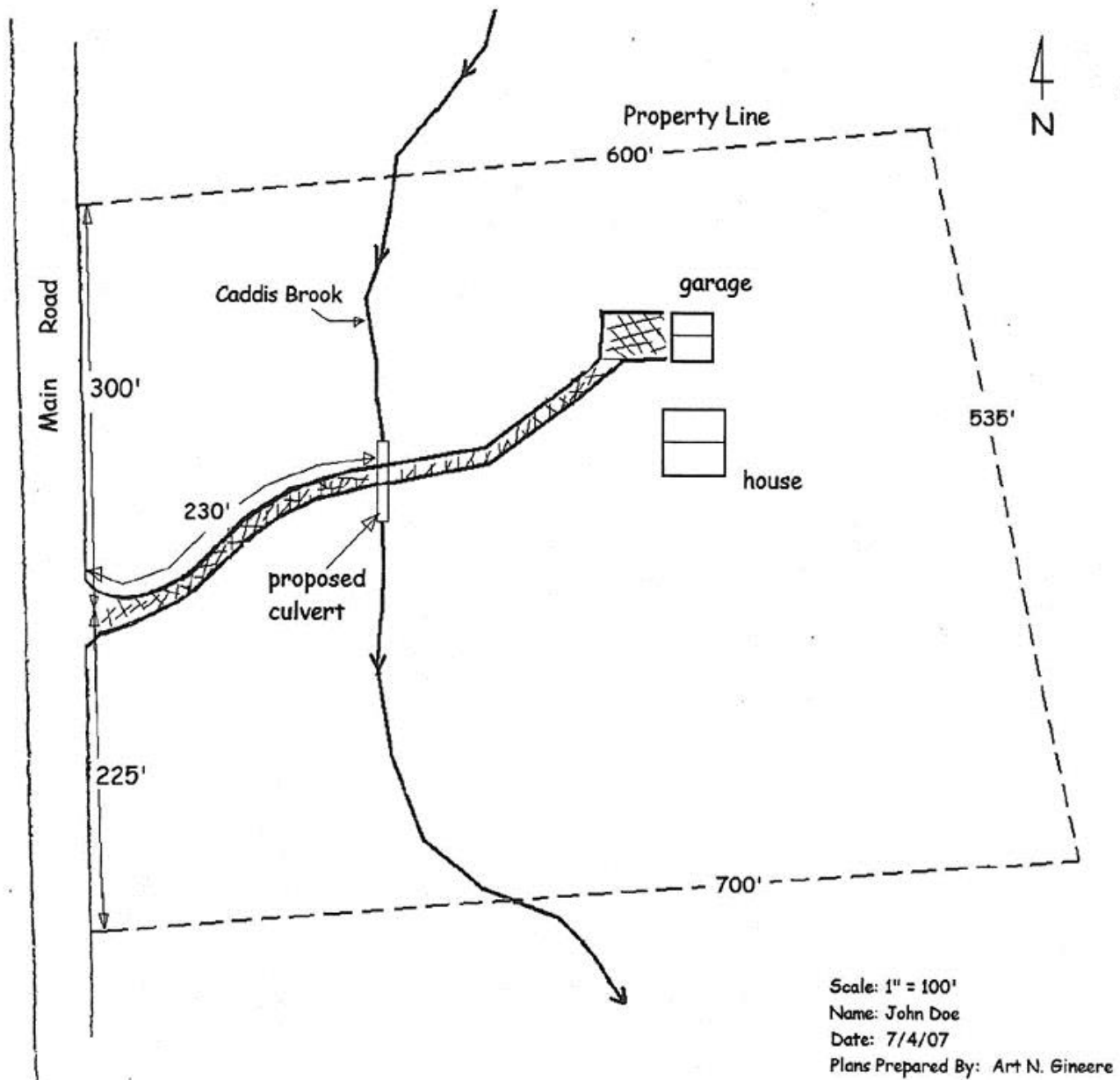
[illegible]

Sample Plan 8 Proposed Boat Ramp, Pier, Mooring Buoy, Jetty, Groin



GENERAL SITE PLAN - Culvert Project

This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. The General Site Plan must reflect **your** specific site conditions, and must show locations of all existing and proposed structures.

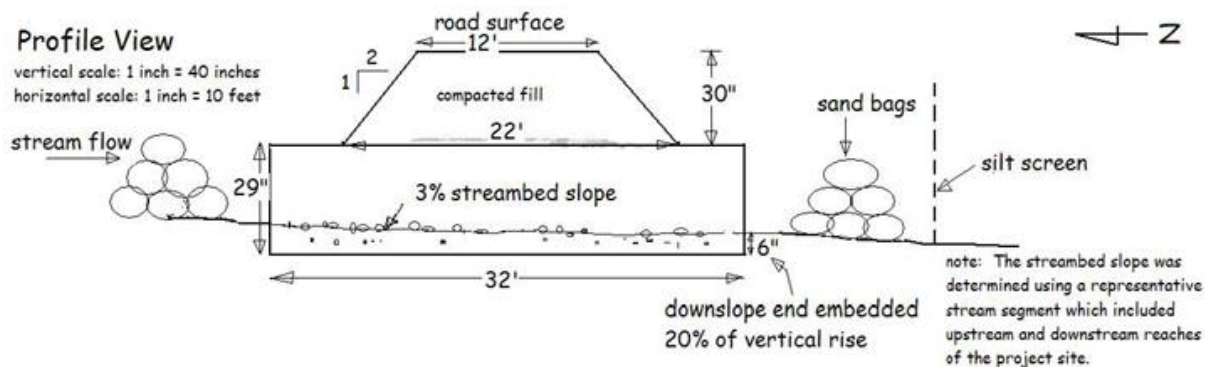


PROJECT PLANS - Culvert

This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. Project plans must reflect **your** specific site conditions and **your** proposed project. Use separate sheets of paper if necessary, and include all 'before' and 'after' details.

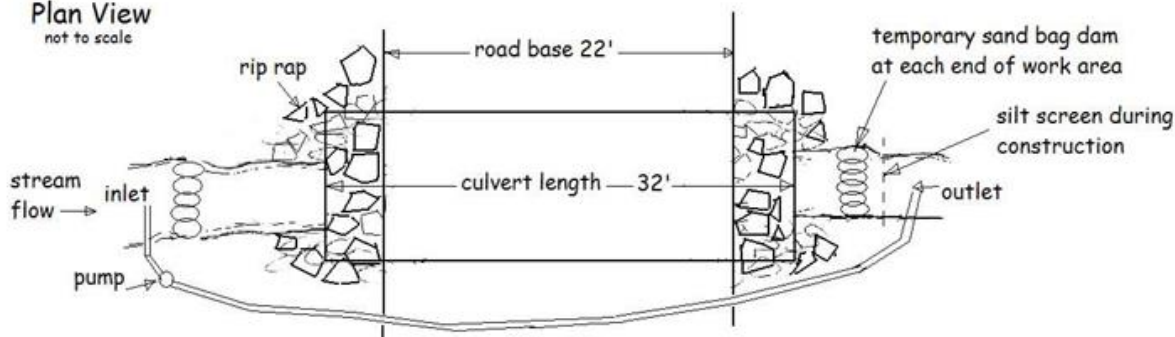
Profile View

vertical scale: 1 inch = 40 inches
horizontal scale: 1 inch = 10 feet



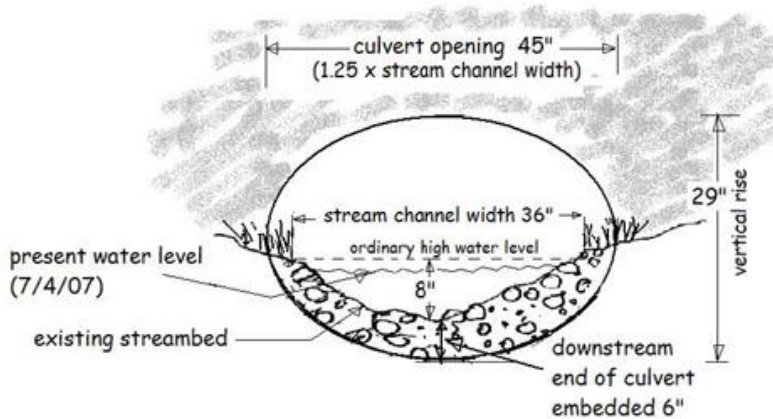
Plan View

not to scale



Cross Section View

Scale: 1 inch = 20 inches

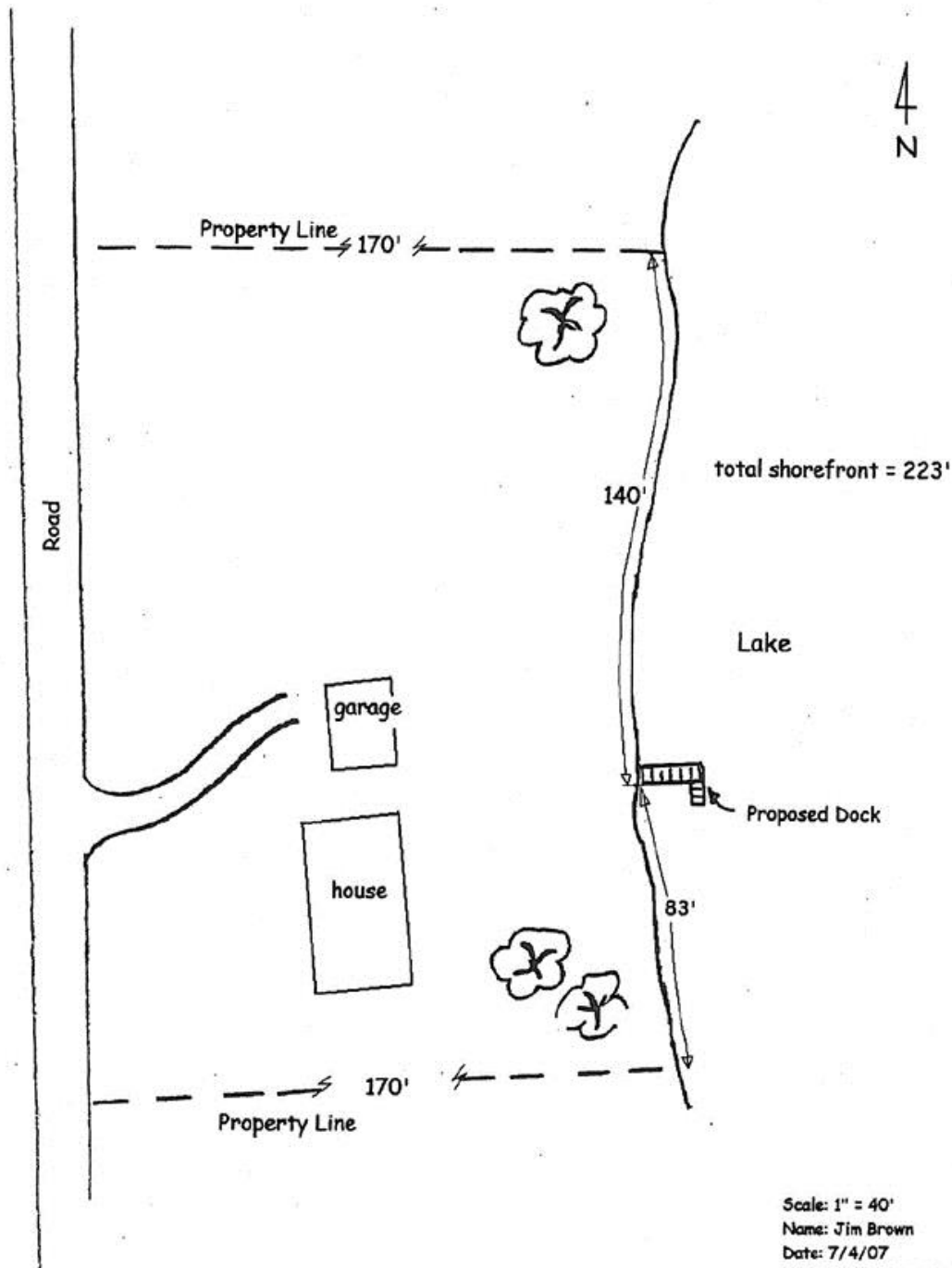


note: Stream channel width is measured between the banks at the ordinary high water level (location where rooted, terrestrial vegetation begins). A representative width is determined by averaging a minimum of three measurements taken at straight, unmodified stream segments (project location, upstream, downstream).

Name: Kermit Pipiens
Date: 7/4/07
Plans Prepared By: Dream Stream Consultants, Inc.

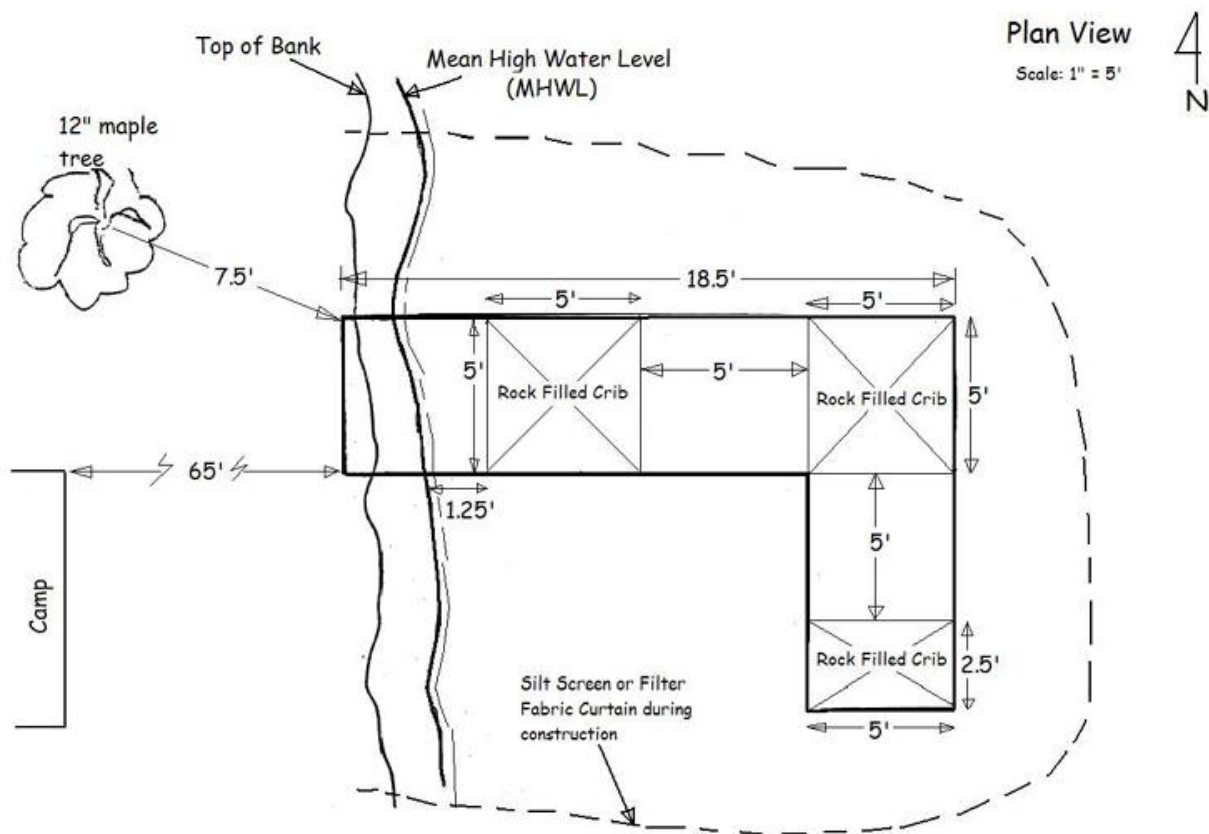
GENERAL SITE PLAN - Dock

This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. The general site plan must reflect **your** specific site conditions showing all existing and proposed features/structures.



PROJECT PLANS - DOCK

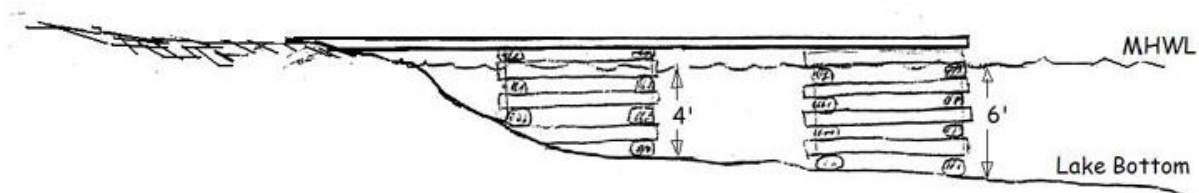
This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. Project plans must reflect **your** specific site conditions and **your** proposed project. Use separate sheets of paper if necessary, and include all 'before' and 'after' details.



Cross Section View

Scale: 1" = 8'

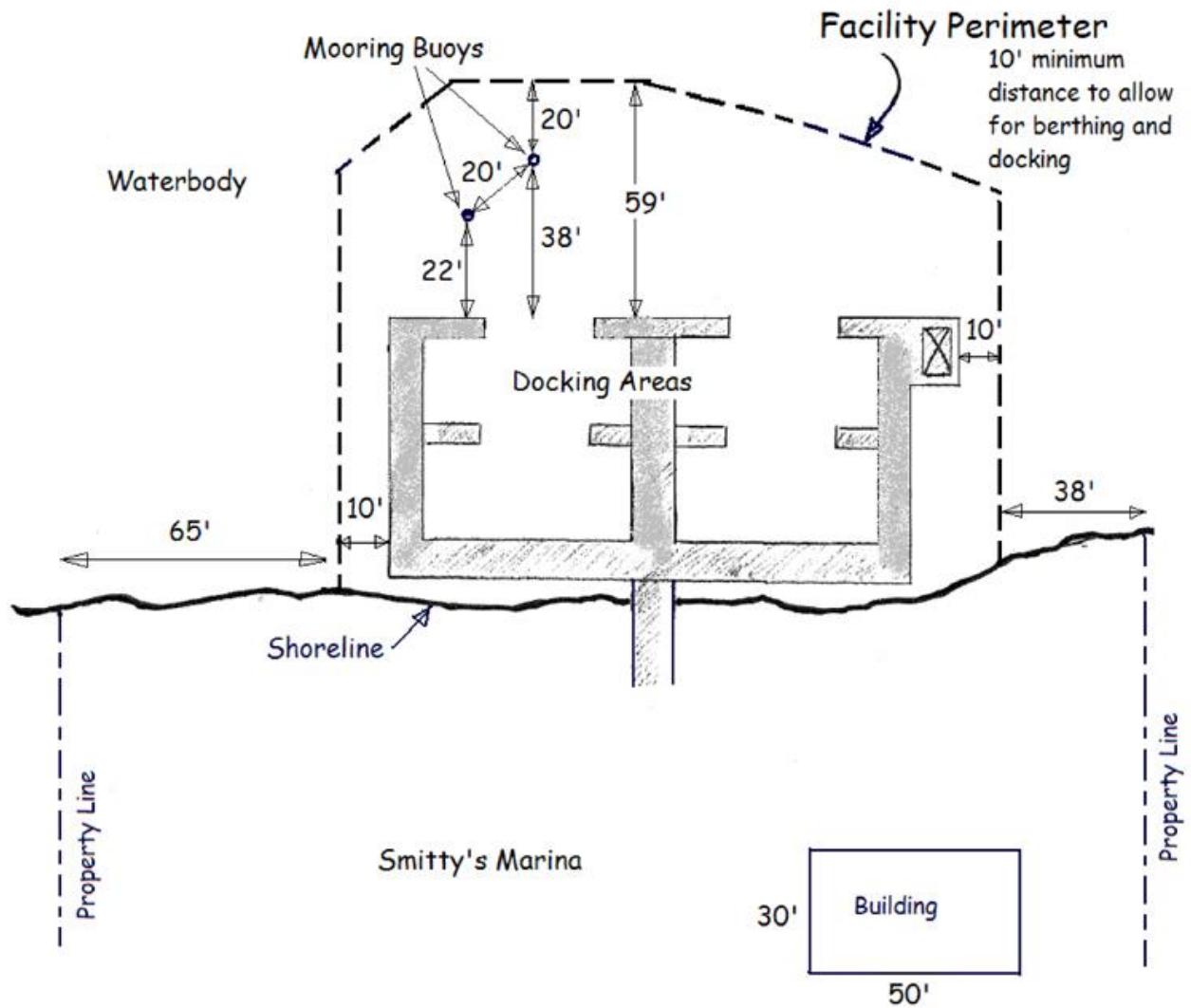
4
N



Name: Jill Jones
Date: 7/4/07
Plans Prepared By: Jill Jones

4
N

DOCKING/MOORING - FACILITY PERIMETER Sample Drawing

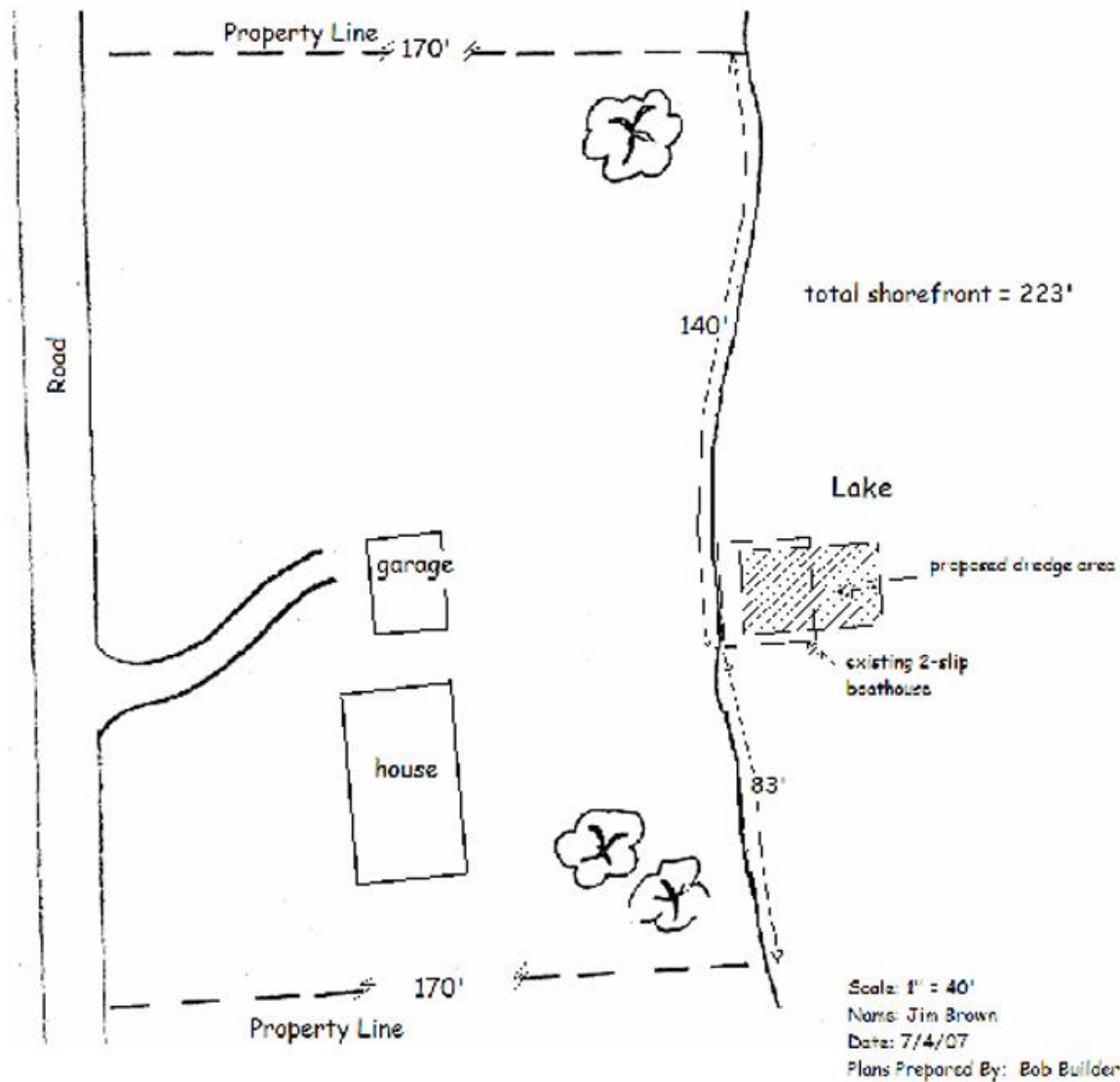


Scale: 1" = 40'
Name: John Smith
Date: 7/4/07
Plans Prepared By: Bob Builder

4
N

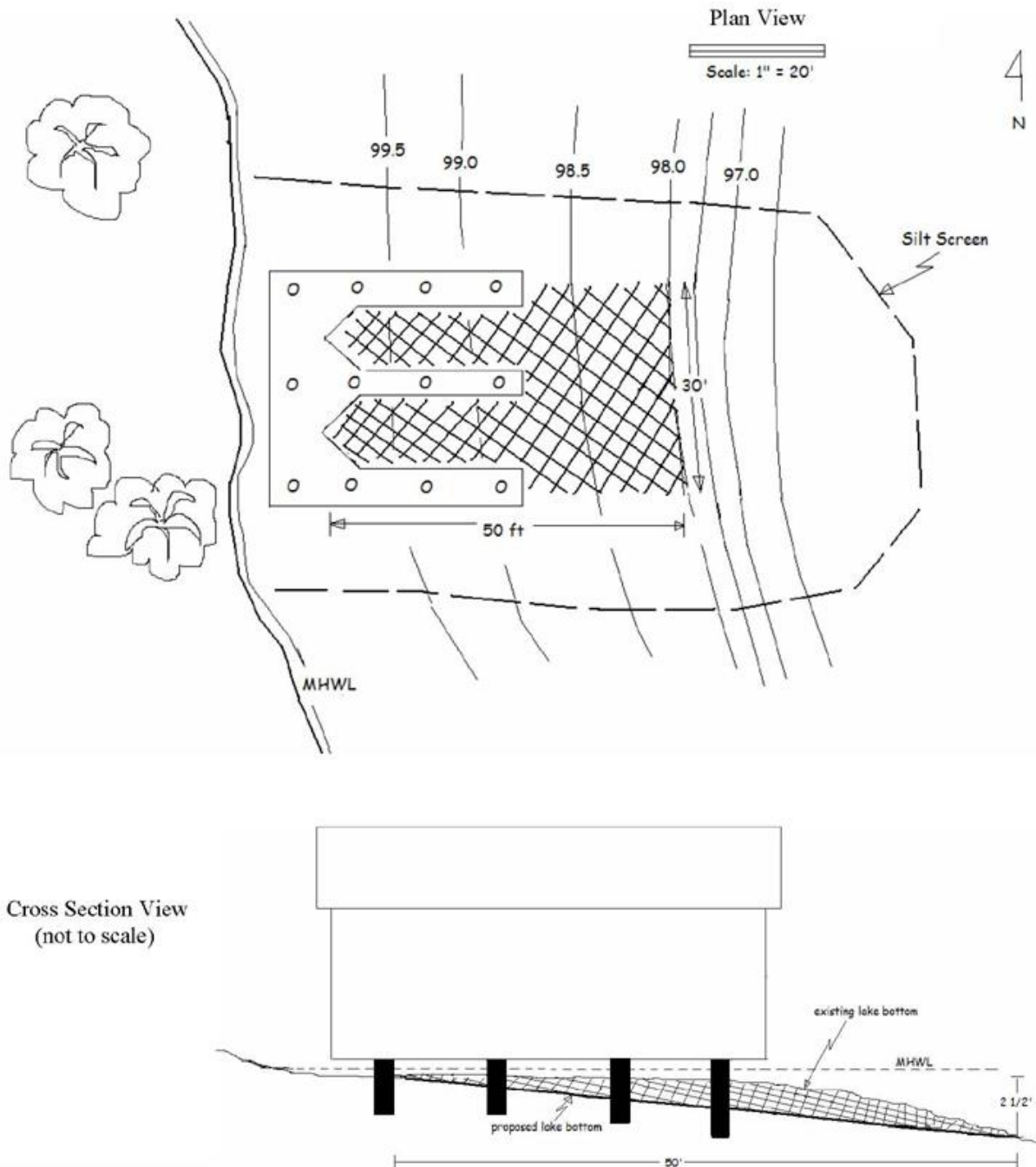
GENERAL SITE PLAN - Dredging Project

This SAMPLE DRAWING provides an example of the level of detail required for DEC review purposes. The general site plan must reflect your specific site conditions showing all existing and proposed features/structures.



PROJECT PLANS - DREDGING

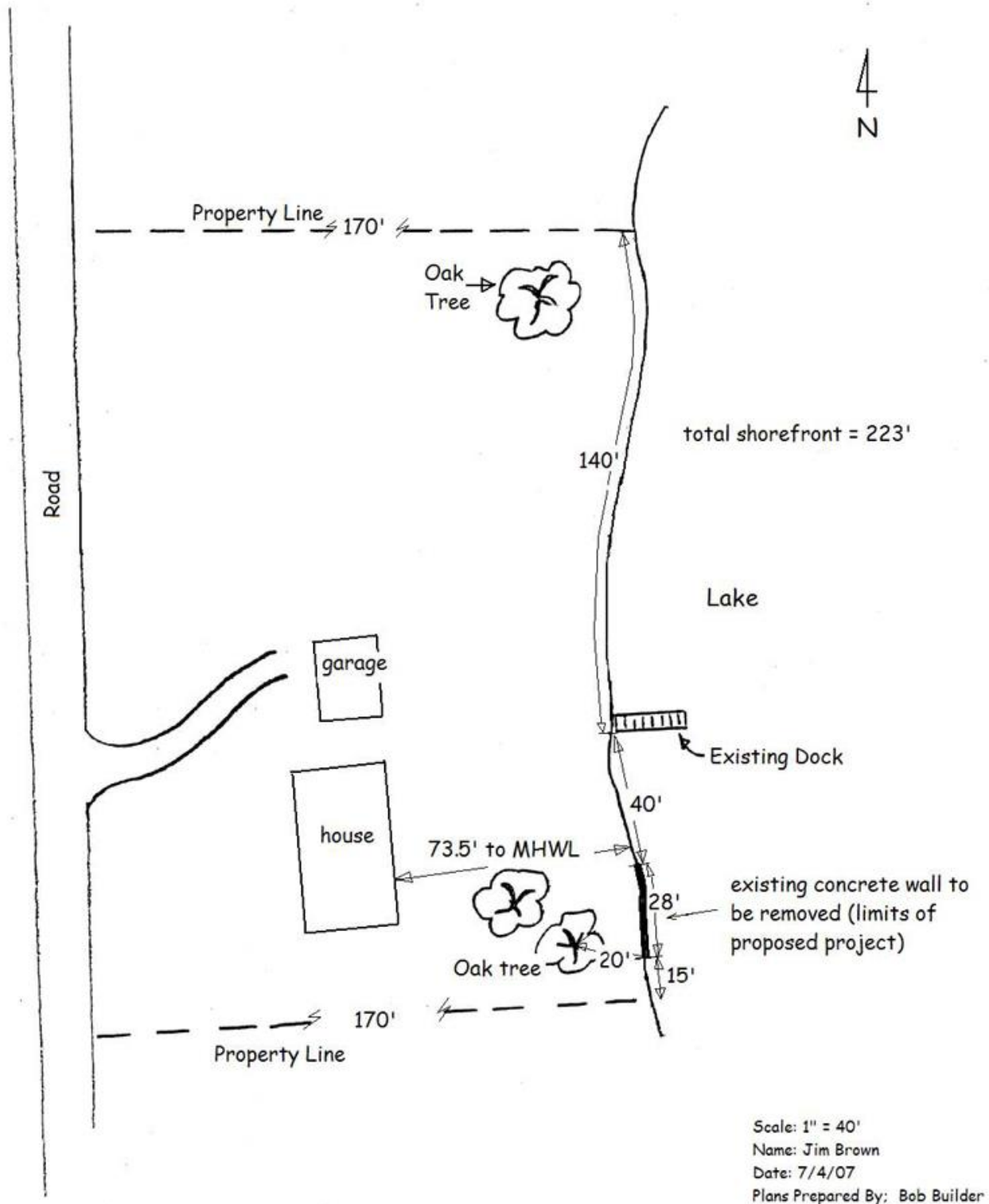
This SAMPLE DRAWING provides an example of the level of detail required for DEC review purposes. Project plans must reflect **your** specific site conditions and **your** proposed project. Use separate sheets of paper if necessary, and include all 'before' and 'after' details.



Name: _____
Date: _____
Plans Prepared By: _____

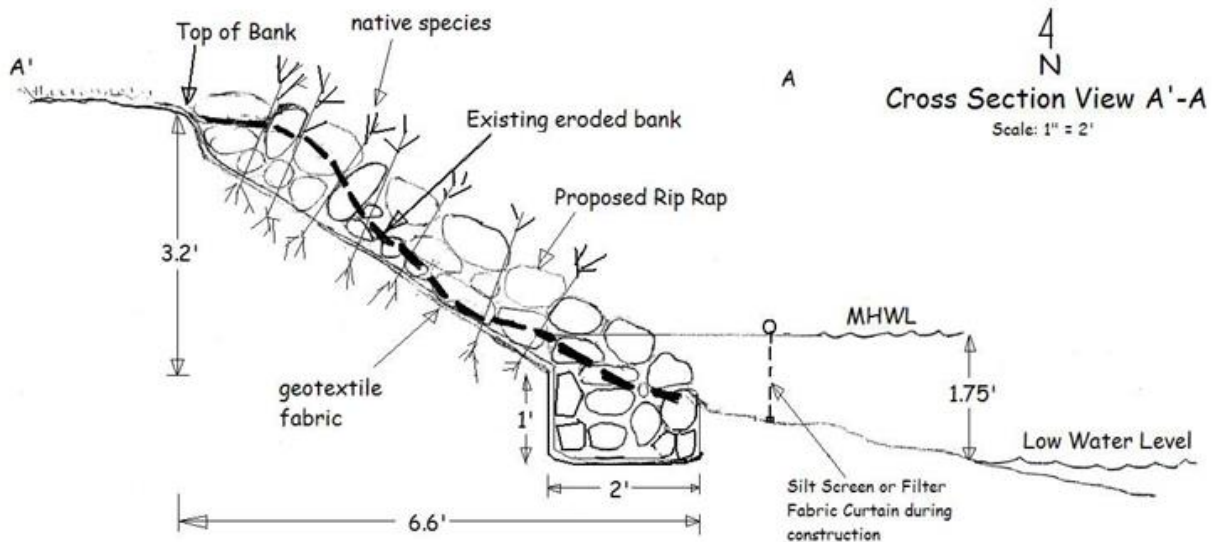
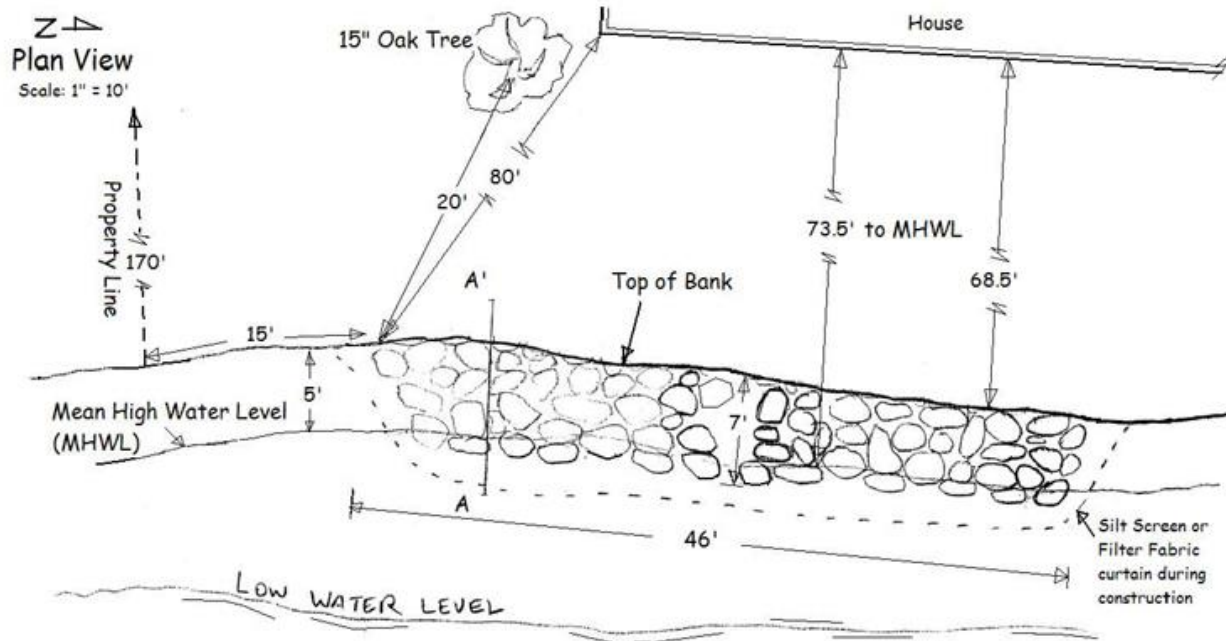
GENERAL SITE PLAN - Shoreline Project

This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. The general site plan must reflect **your** specific site conditions showing all existing and proposed features/structures.



PROJECT PLANS - Shoreline Stabilization

This **SAMPLE DRAWING** provides an example of the level of detail required. Project plans must reflect **your** specific site conditions and **your** proposed project. Use separate sheets of paper if necessary, and include all 'before' and 'after' details.

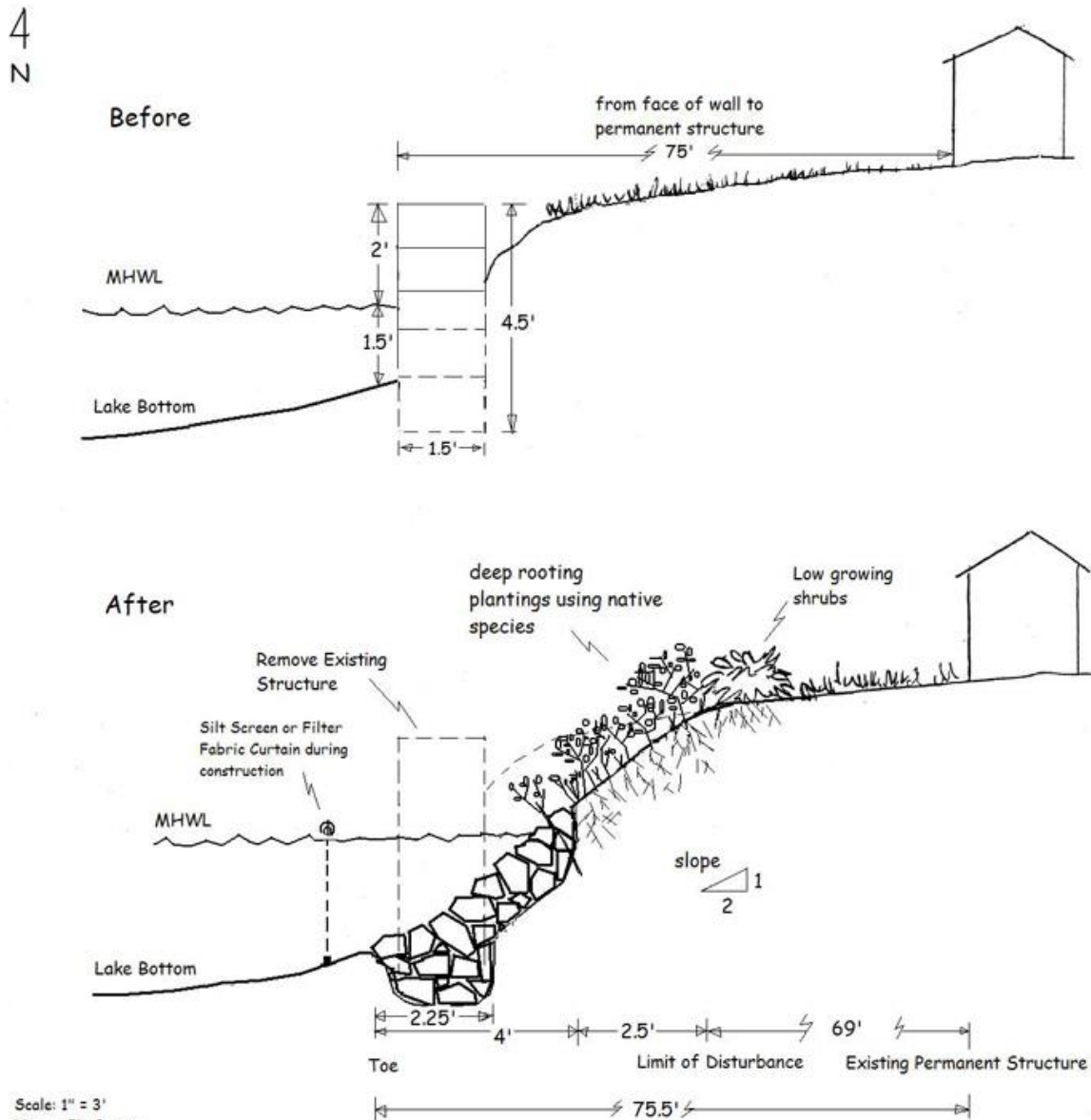


Name: Bill and Mary Johnson
Date: 7/4/07
Plans Prepared By: Jane R. Kittect

Project Plan for a Shoreline Stabilization Project Removing a Vertical Wall

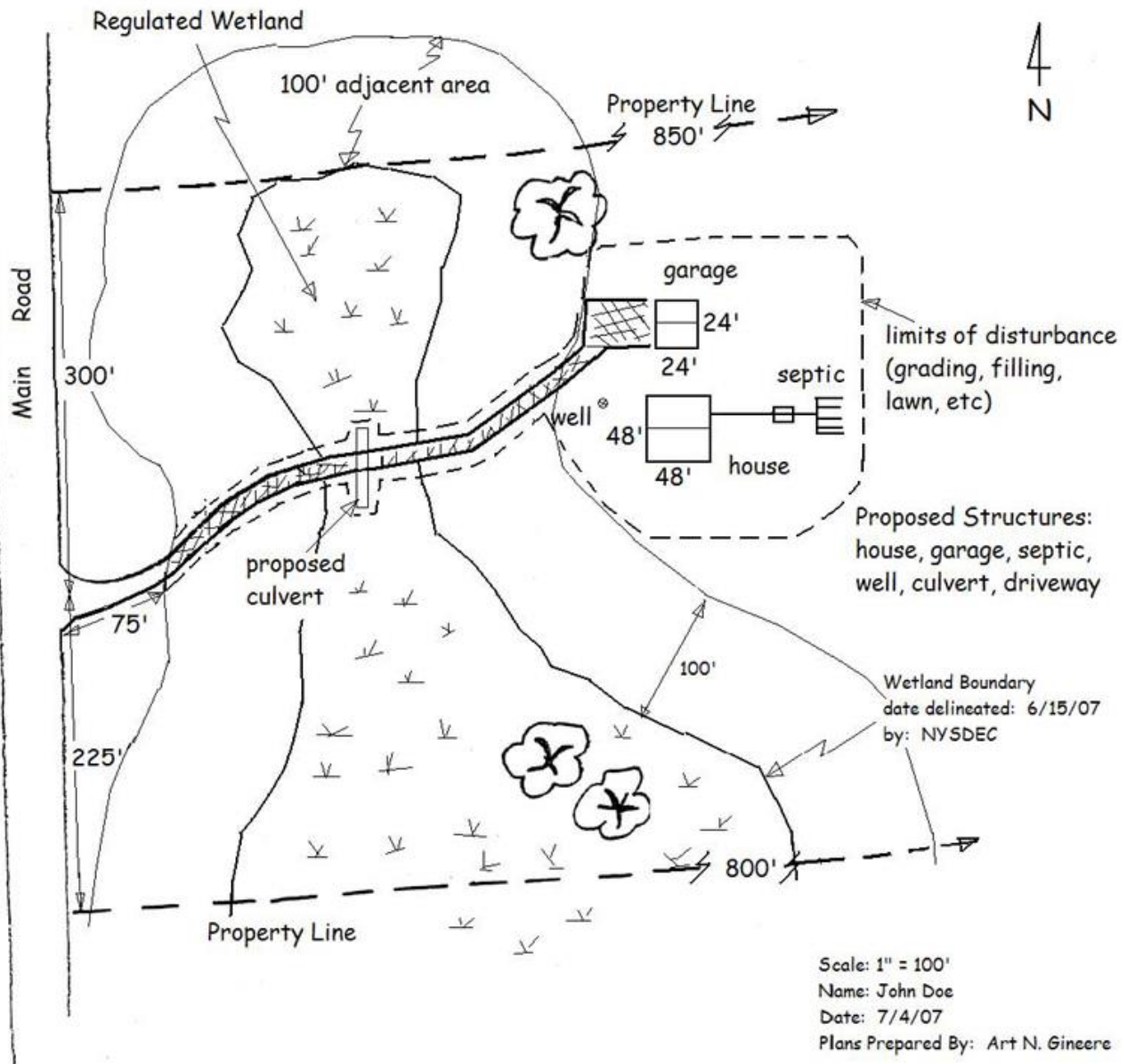
PROJECT PLANS - Shoreline Stabilization Cross Section View (Before and After)

This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. Project plans must reflect **your** specific site conditions and **your** proposed project. Use separate sheets of paper if necessary, and include all 'before' and 'after' details.



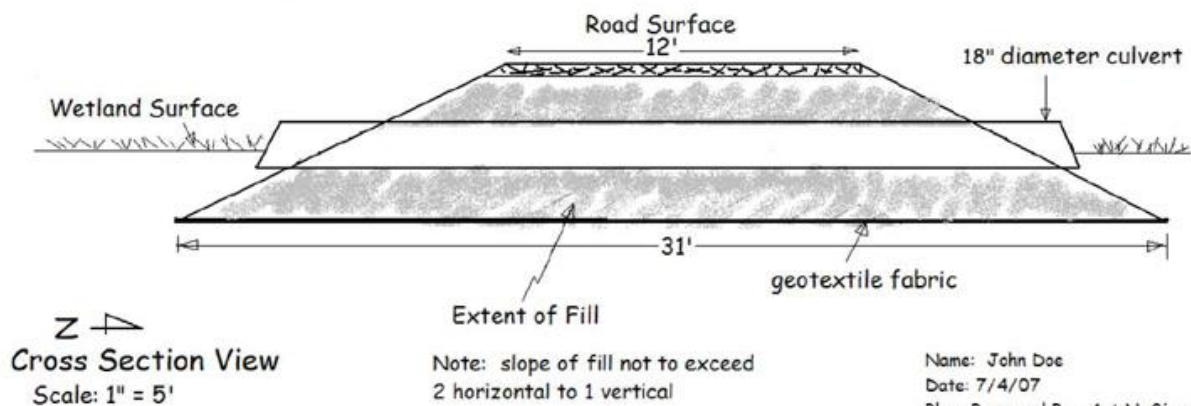
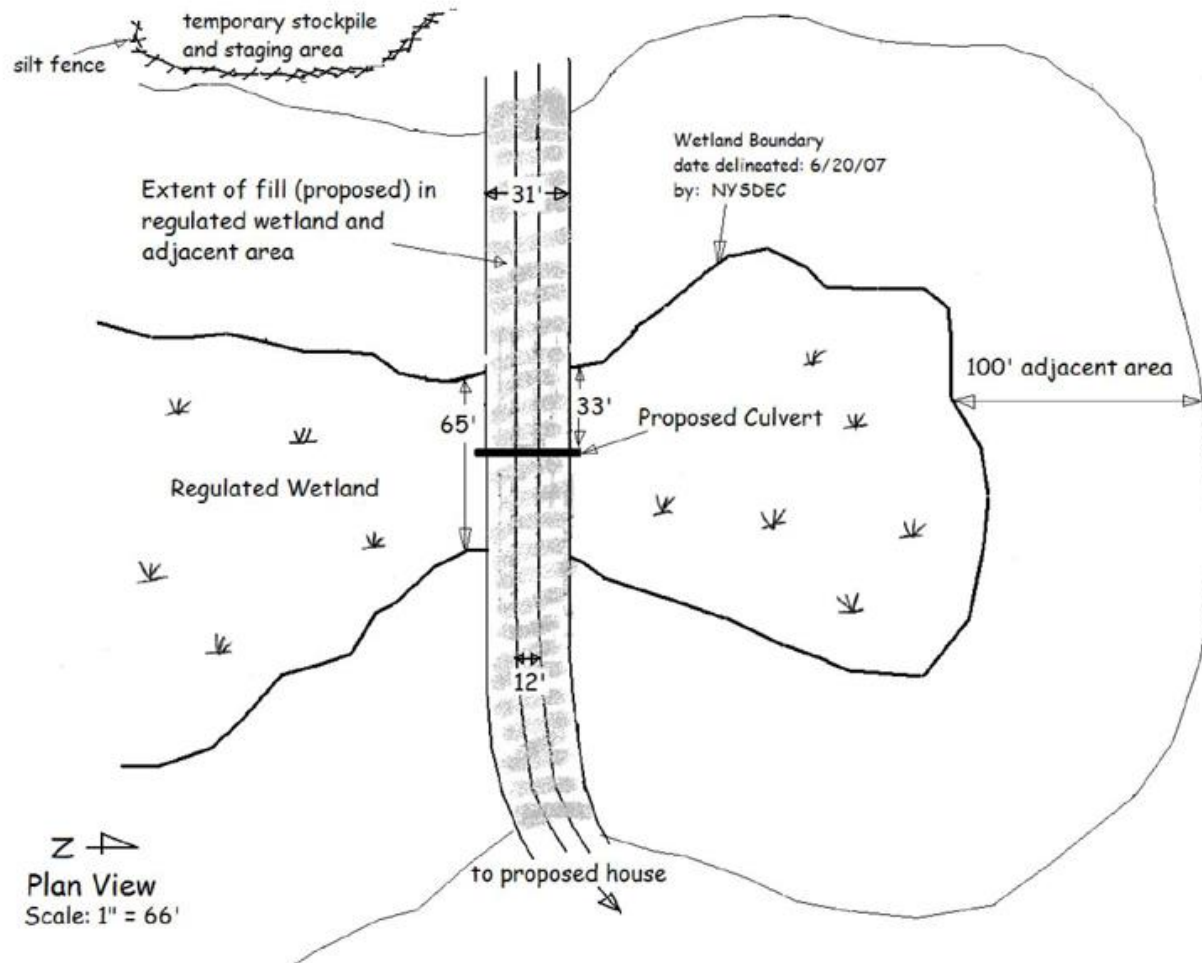
GENERAL SITE PLAN - Wetland Project

This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. The General Site Plan must reflect **your** specific site conditions, and must show locations of all existing and proposed structures, and all limits of disturbance. **Note:** The wetland boundary must be delineated and confirmed by the New York State Department of Environmental Conservation or the US Army Corps of Engineers, and accurately depicted on the plan.



PROJECT PLANS - Wetland (Driveway)

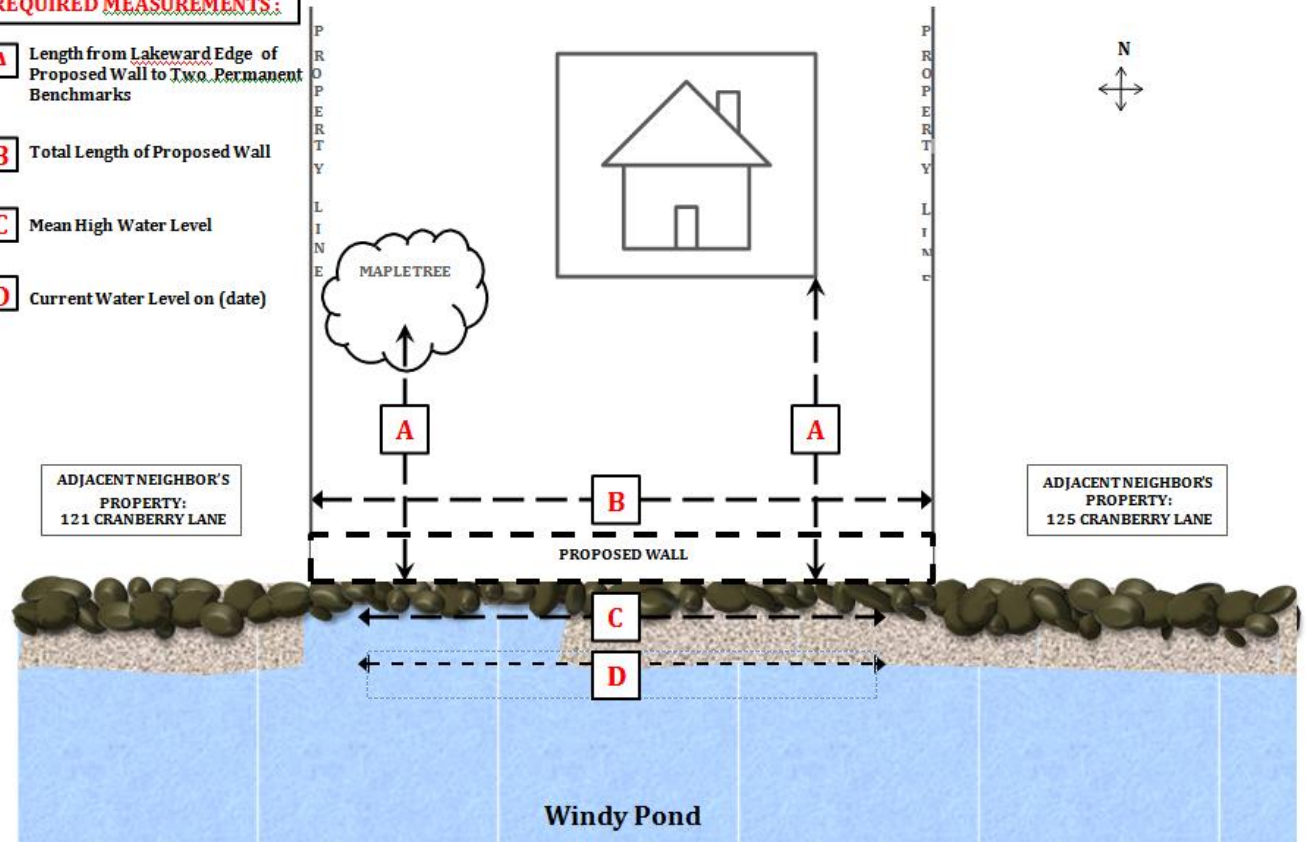
This **SAMPLE DRAWING** provides an example of the level of detail required for DEC review purposes. Project plans must reflect **your** specific site conditions and proposed project. Include a plan view and profile view showing all existing and proposed conditions, and all limits of clearing, excavation, fill. Use separate sheets if necessary.



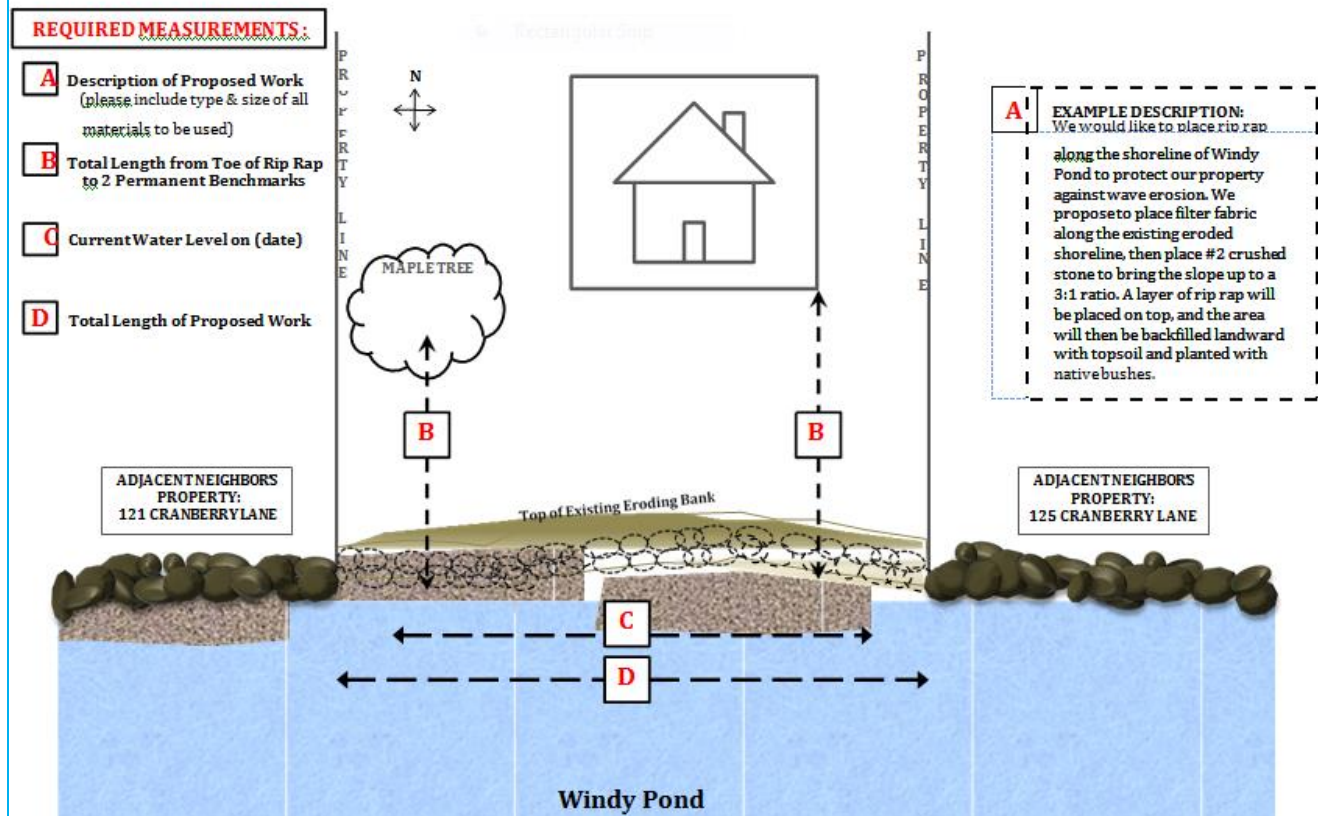
EXAMPLE VERTICAL WALL PROJECT PLAN: 123 CRANBERRY LANE SYRACUSE, NY 12345

REQUIRED MEASUREMENTS:

- A** Length from Lakeward Edge of Proposed Wall to Two Permanent Benchmarks
- B** Total Length of Proposed Wall
- C** Mean High Water Level
- D** Current Water Level on (date)



EXAMPLE RIP RAP PROJECT PLAN: 123 CRANBERRY LANE SYRACUSE, NY 12345



EXAMPLE RIP RAP PROJECT PROFILE: 123 CRANBERRY LANE SYRACUSE, NY 12345

REQUIRED MEASUREMENTS:

- A** Proposed Length from Top of Rip Rap to Permanent Benchmark
- B** Proposed Length from Top to Toe of Rip Rap
- C** Mean High Water Level on (fill in date)