

General Instructions For All Drawings.

Required drawings:

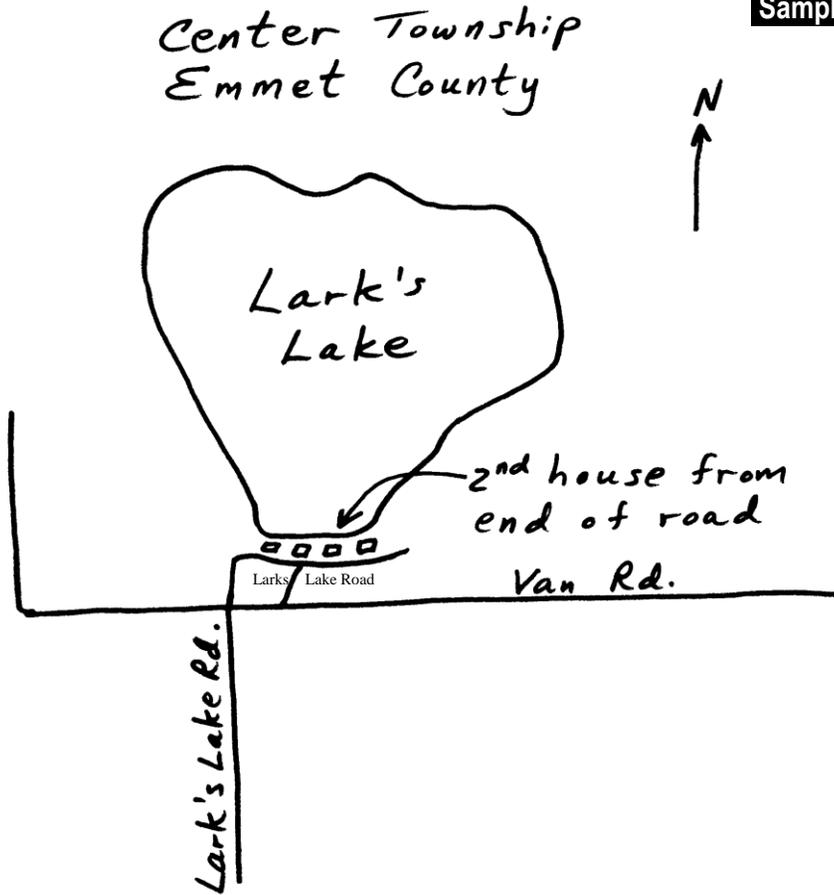
- Site location map** that clearly identifies your project location. Draw a map, copy a plat map or a county map, or create a map using the Internet (see Sample Drawing 1).
- Overall site plan** showing areas of proposed impacts, existing lakes, streams, wetlands, *floodplains*, and other water features. Include name of waterbodies, property boundaries and corners, easement boundaries, neighboring property owner information, and *soil erosion and sedimentation control measures*.
- Plan view and cross-section** (elevation) drawings that are site-specific and adequate for detailed review. Show both existing and proposed conditions (see Sample Drawings 2 through 23).

All drawings should:

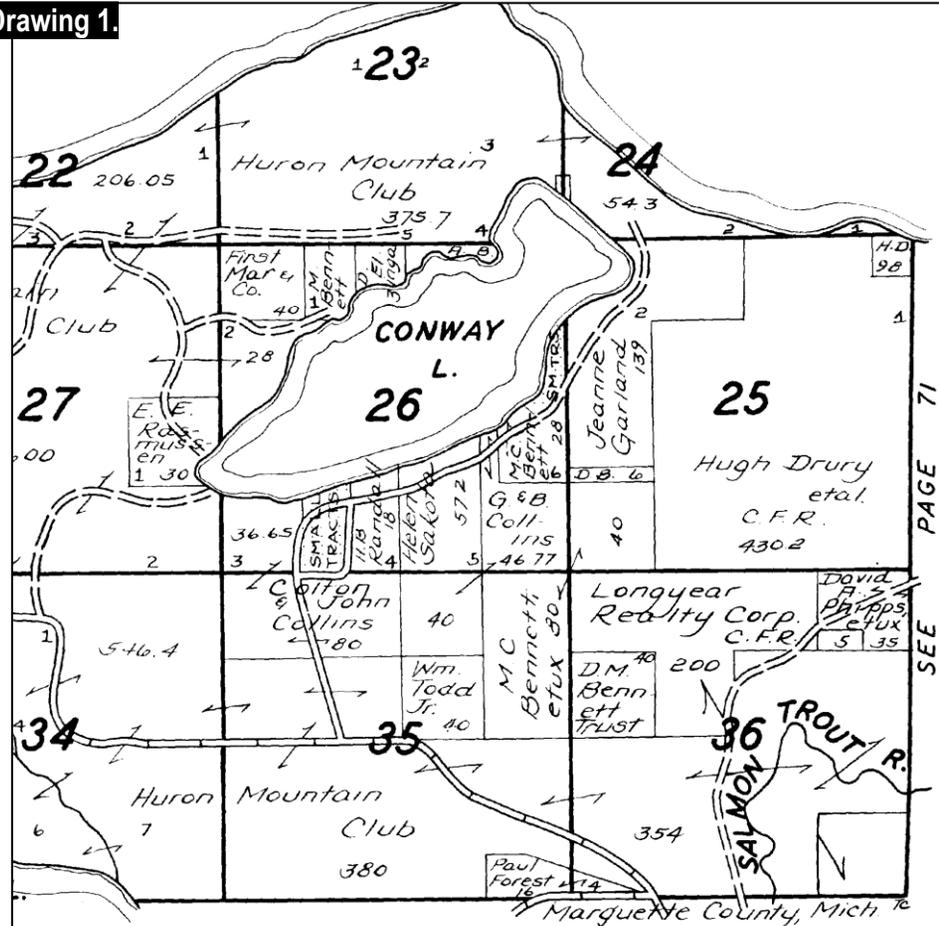
- Be legible and clearly labeled on standard weight paper of 8-1/2 x 11-inch size.
- Title block on each drawing which includes: proposed activity; applicant's name; waterbody; city, village or township; county; drawing number and number in set (i.e., Drawing 1 of 4), and date prepared.
- Reference a datum (NGVD 29, NAVD 88, or IGLD 85) if the proposed project is on *Section 10 Waters*.
- Be drawn with dimensions or to scale with the scale identified on each drawing. Show vertical scale if different than horizontal scale on each drawing.
- All plan view drawings should include a north arrow.
- Label all existing and proposed relevant features and dimensions relative to those features, especially those that correspond to questions on the application form.
- Include soil erosion and sedimentation control measures.

NOTE: To calculate volume in cubic yards (cu yd), multiply the average length in feet (ft) times the average width (ft) times the average depth (ft) and divide by 27.

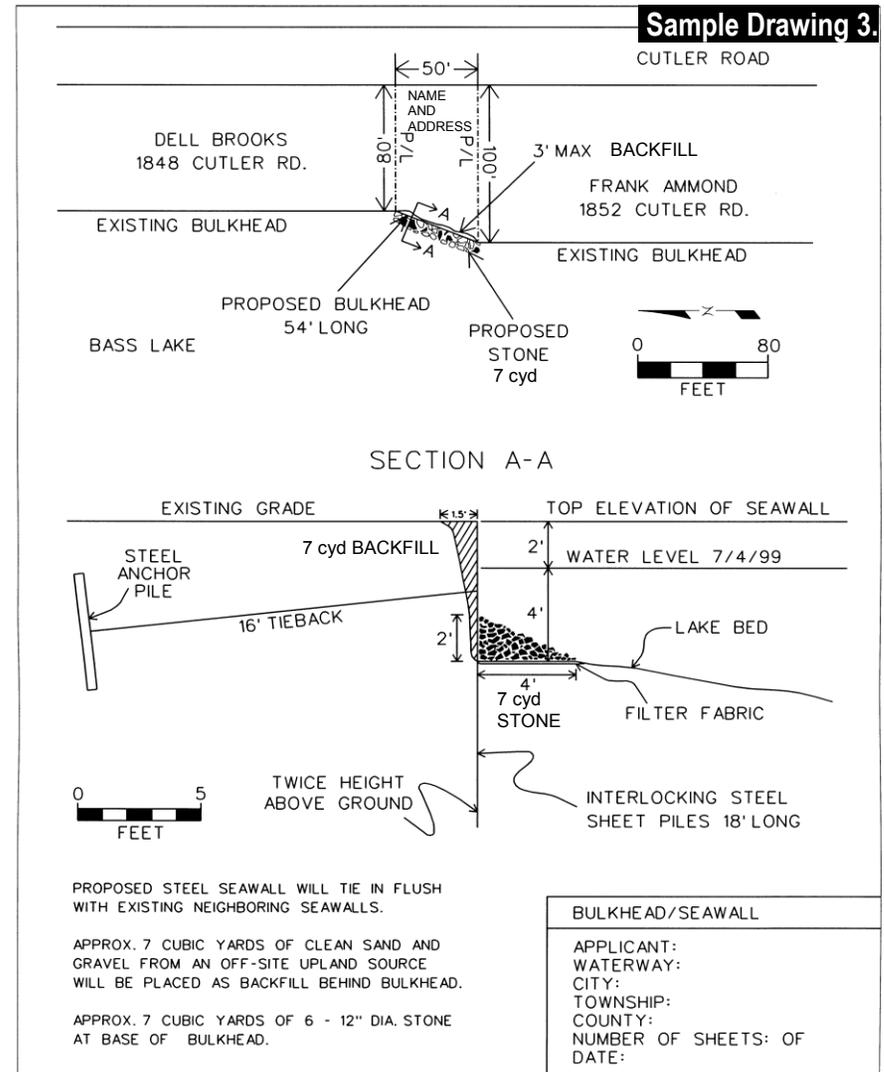
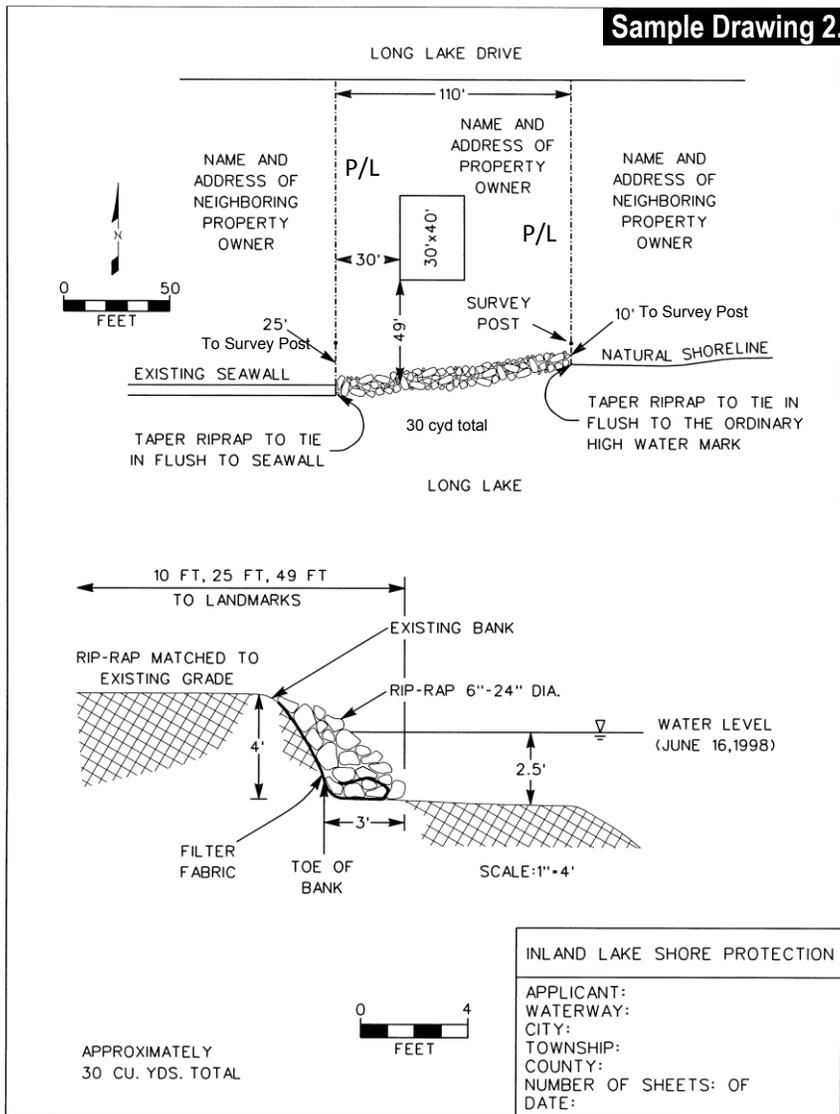
Sample Drawing 1.



Site location map using a hand-drawn map that is clearly labeled



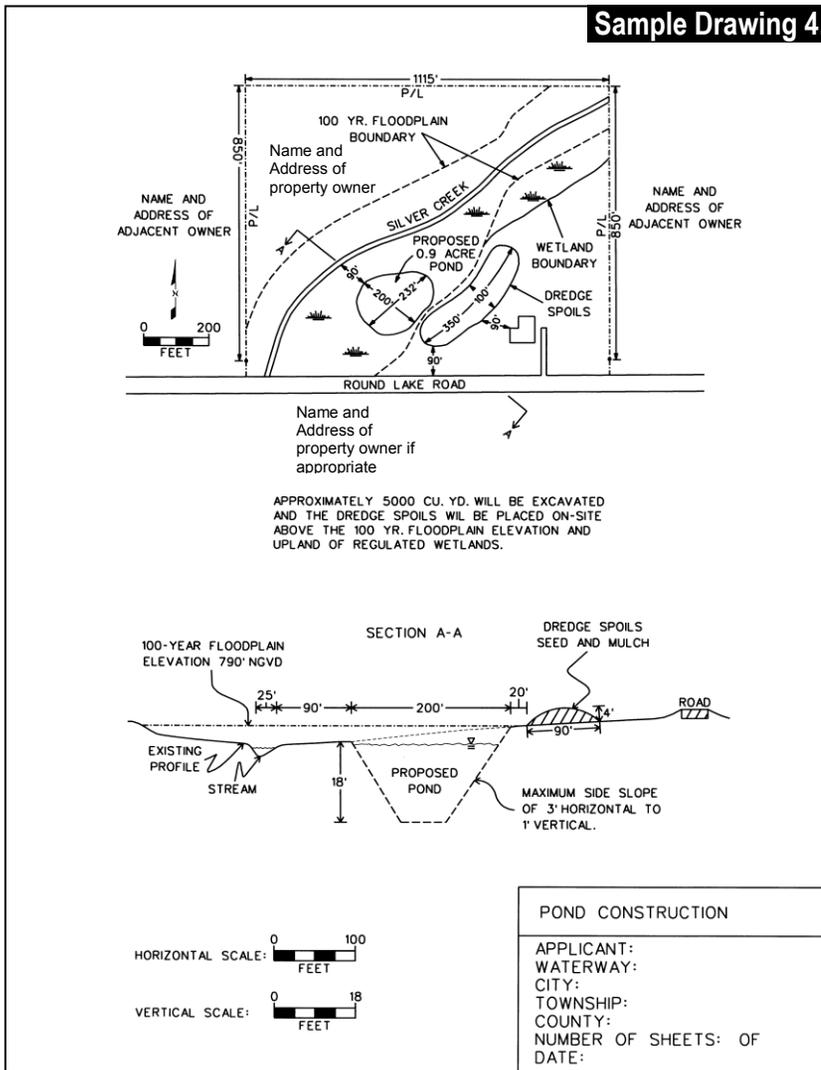
Site location map using a copy of a county plat book



- Complete **Section 10D** and **Sections 10A, 10B, 10C, 12, and 13** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Name of waterbody, applicant, neighboring property owner information, property boundaries, and corners.
 - Existing and proposed conditions along the *shoreline* at your project location.
 - Existing conditions and/or structures along the *shoreline* for each adjacent parcel.
 - Dimensions from fixed objects to property boundaries and the proposed shore protection.
 - Length (ft), volume (cu yd) and type (i.e., field stone, angular rock, etc.) of *riprap*.
 - Locations of *filter fabric* and *soil erosion and sedimentation control measures*.
 - Observed water level and date of observation and datum (*NGVD 29* or *IGLD 85* on *Section 10 Waters*).
 - Minimum and maximum distances landward and waterward of proposed shore protection to the existing *shoreline* or ordinary high water mark.

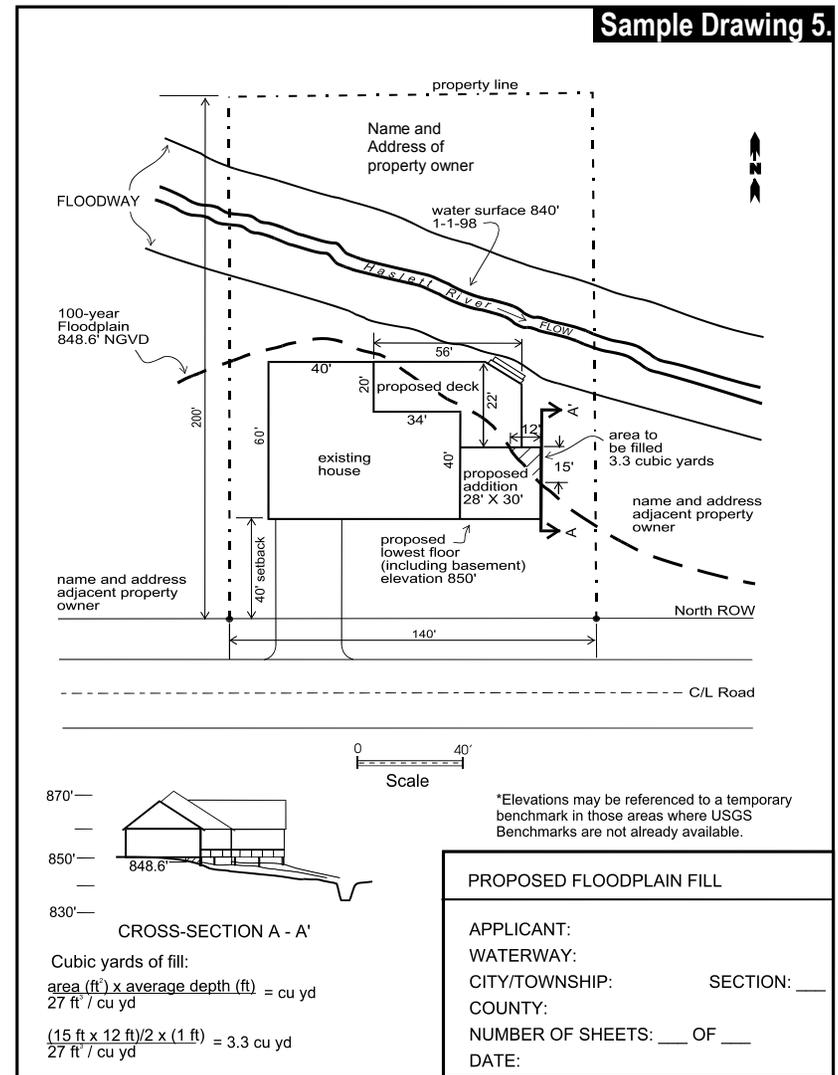
- Complete **Section 10D** and **Sections 10A, 10B, 10C, 12, and 13** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Name of waterbody, applicant, neighboring property owner information, property boundaries, and corners.
 - Existing and proposed conditions along the *shoreline* at your project location.
 - Existing conditions and/or structures along the *shoreline* for each adjacent parcel.
 - Dimensions from fixed objects to property boundaries and the proposed shore protection.
 - Length of *seawall/bulkhead* and return wall (ft). If *structure* will be tied into adjacent walls, show how.
 - Locations of *filter fabric* and *soil erosion and sedimentation control measures*.
 - Type of construction material (i.e., wood, steel concrete, vinyl, etc.).
 - Observed water level and date of observation and datum (*NGVD 29* or *IGLD 85* on *Section 10 Waters*).
 - Minimum and maximum distances landward and waterward of proposed shore protection to the existing *shoreline* or ordinary high water mark.

Sample Drawing 4.

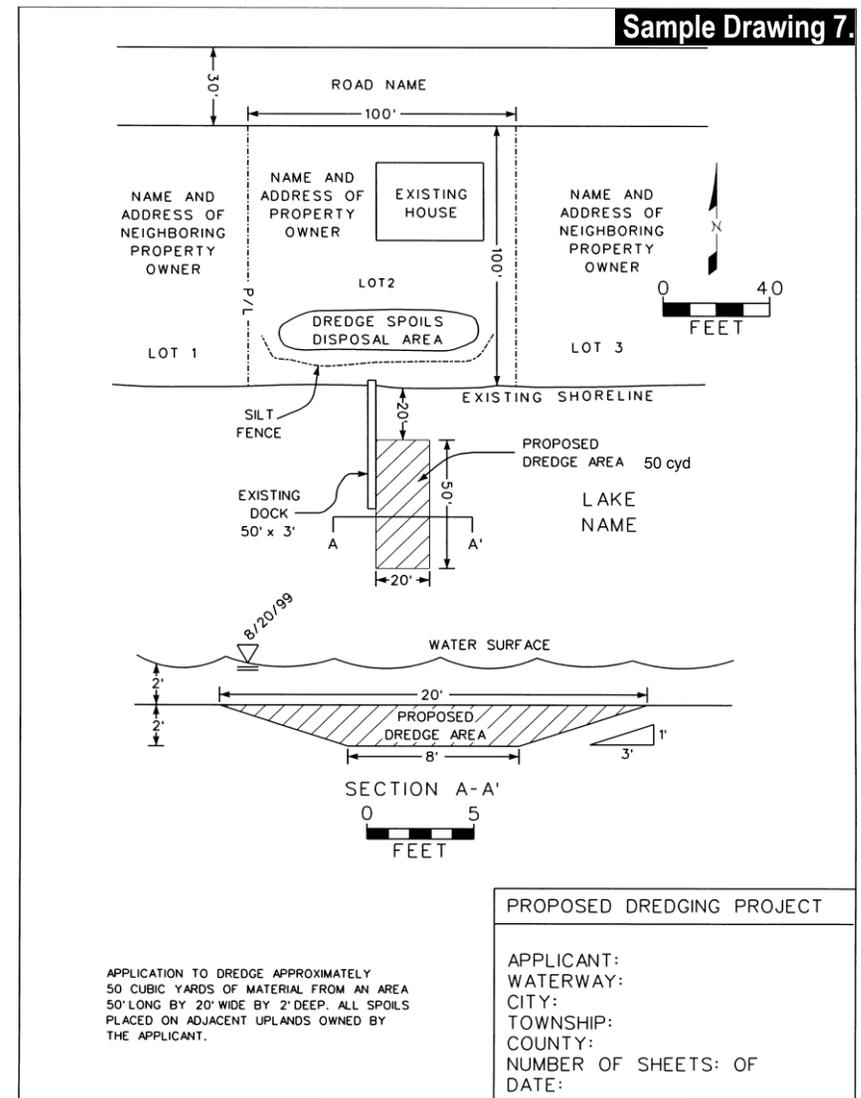
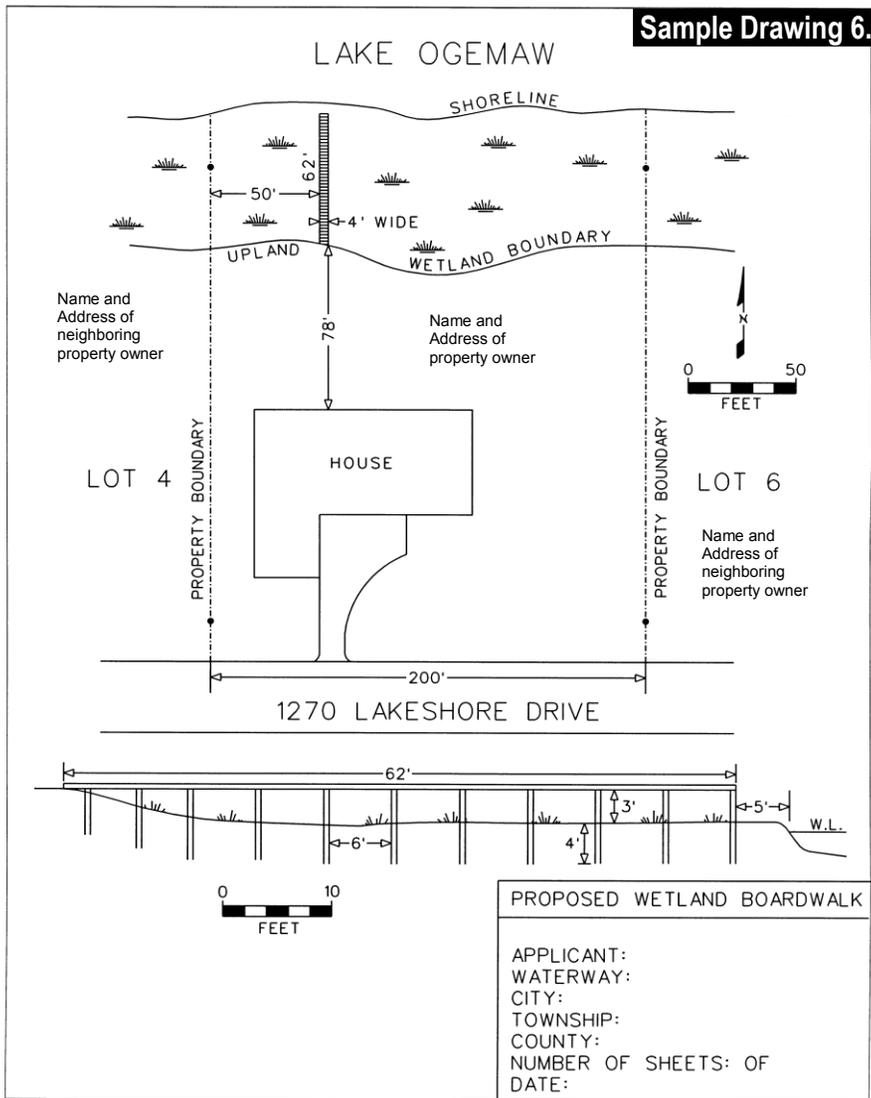


- Complete **Section 11** and **Sections 10A, 10B, 10C, 12, and 13** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, other water features.
 - Waterbody names, property boundaries and corners, property owner, and neighboring property owner information. Please include property owner information for upstream and downstream adjacent parcels.
 - Existing and proposed conditions in the area of proposed pond.
 - Maximum depth, maximum and typical side slopes at edge of pond (vertical/horizontal), pond surface area, and dimensions and distances of proposed pond and spoils disposal area from fixed objects and property boundaries. Spoils should be placed above the 100-year floodplain elevation and upland of regulated wetlands. If off-site disposal is planned, please provide a detailed description of the location.
 - Soil erosion and sedimentation control measures.
 - Water levels and dates of observation in nearby surface water and at proposed pond location.
 - Datum (NGVD 29, IGLD 85 or local) and dredge volume (cu yd).
 - If pond will have a surface water outlet, show on plan and cross-section drawings.

Sample Drawing 5.

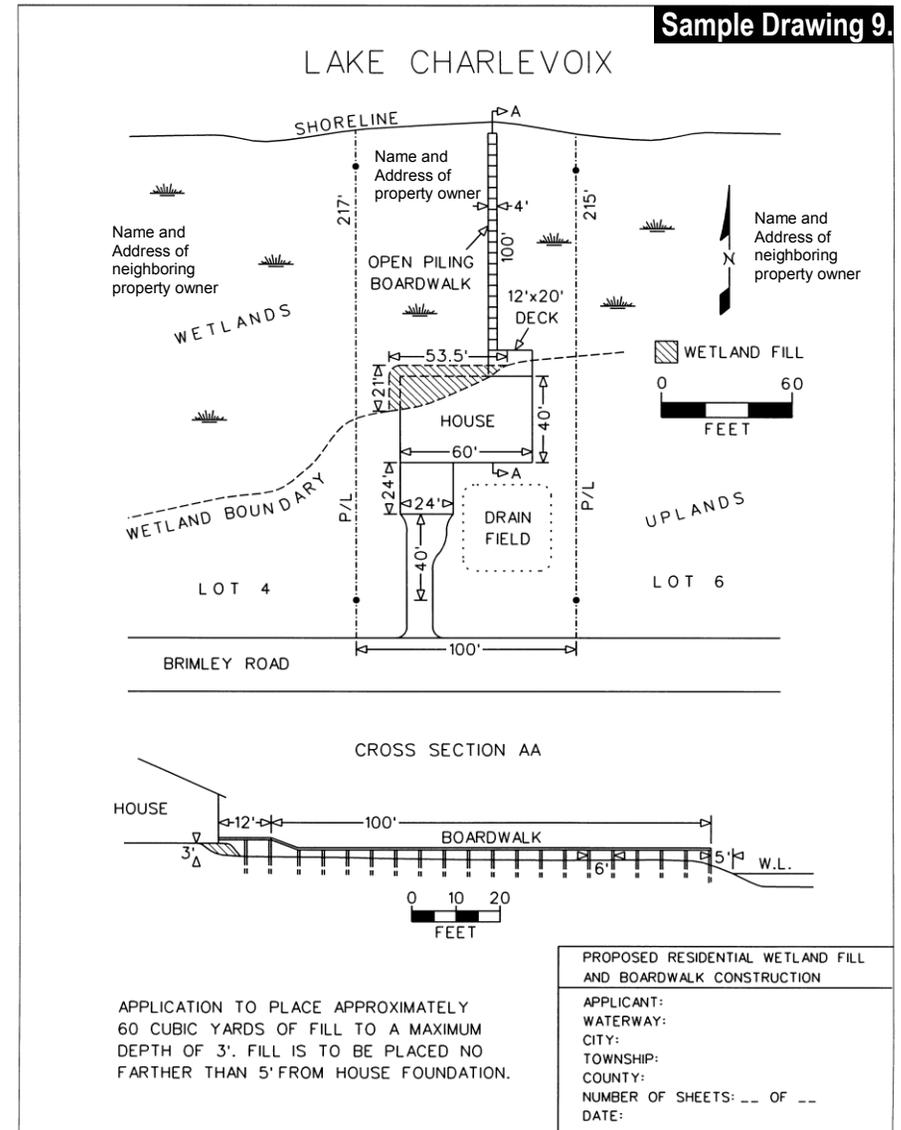
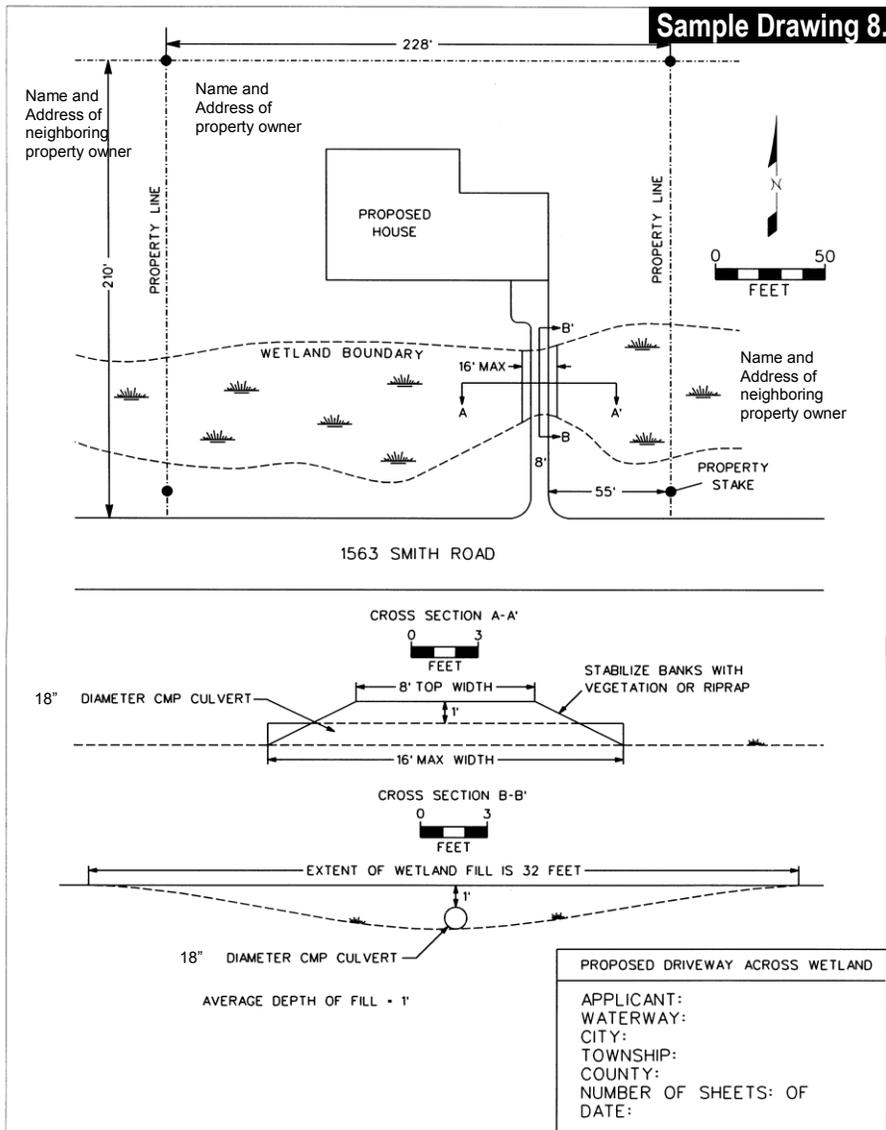


- Complete **Section 13** and **Sections 10A, 10B, 10C, and 12** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, other water features, floodplain, and floodway elevation.
 - Waterbody names, property boundaries and corners, property owner, neighboring property owner information, and soil erosion and sedimentation control measures.
 - Datum used (NGVD 29 or IGLD 85).
 - 100-year floodplain elevation (if known). Proposed basement floor and finished first-floor elevations (ft).
 - Description of reference point and highest known water elevation (ft) above or below reference point and date of observation (M/D/Y).
 - Existing and proposed building dimensions and minimum and maximum distances of proposed cut and/or fill from waterbodies, wetlands, and floodplain boundaries (ft).
 - Proposed and existing contours on a site development plan that show compensating cut for proposed fill in the floodplain.
 - Excavation and/or fill dimension (length, width, depth) and volumes (cu yd).
 - Show location of excavated materials. If on site, please show on plans.



- Complete **Sections 10I and 12**, and **Sections 10A, 10B, 13, and 21** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - The boardwalk or deck dimensions in feet (height, width, and length).
 - In cross-sectional view show the maximum and minimum height of boardwalk above existing ground and the supporting system (i.e. fill or pilings).
 - Distance from end of boardwalk to *shoreline* or ordinary high water mark.
 - The existing and proposed building dimensions and minimum and maximum distances of proposed cut and or fill from waterbodies, wetlands, and floodplain boundaries (ft).
 - The observed water elevation and date of observation (M/D/Y).
 - Datum (NGVD 29 or IGLD 85 on Section 10 Waters).
 - Soil erosion and sedimentation control measures.

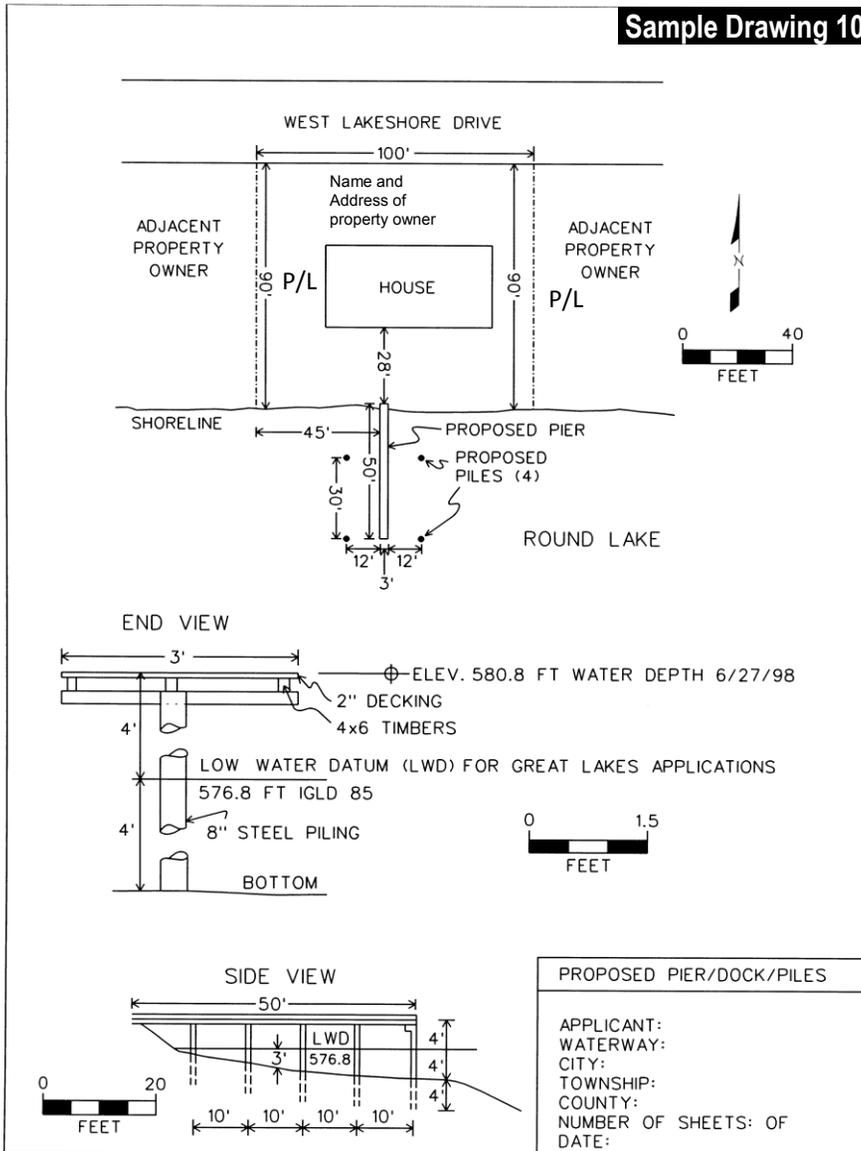
- Complete **Section 10B** and **Sections 10A, 12, 13, and 21** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - The dredge spoils disposal area location in an upland area above the 100-year floodplain. If spoils will be disposed of off-site, attach a detailed location. Sediment sampling may be required.
 - The location and dimensions of existing or proposed *docks* or *piers*.
 - The maximum and average dredge dimensions (ft) in both plan and cross-section views. Calculate dredge volume (cu yd) by multiplying average (depth) x (width) x (length) in feet and dividing by 27.
 - The observed water elevation and date of observation (M/D/Y).
 - Datum (NGVD 29 or IGLD 85 on Section 10 Waters).
 - Soil erosion and sedimentation control measures.



- Complete **Sections 10A, 10B, 10C, 12, 13, and 14** if applicable to your project.
 Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- An overall site plan showing existing lakes, streams, wetlands, floodplains, and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - Choose the crossing location to provide for minimum impact to the wetland.
 - The length, diameter, and type of culvert that is proposed.
 - The volume of fill in cubic yards by multiplying average (depth) x (width) x (length) and dividing by 27.
 - Method of bank stabilization at the culvert ends.
 - The dimensions for maximum depth and maximum extent of fill. Include dimensions from fixed objects and property boundaries to wetland fill area.
 - Soil erosion and sedimentation control measures, if within 500 feet of a lake or stream.

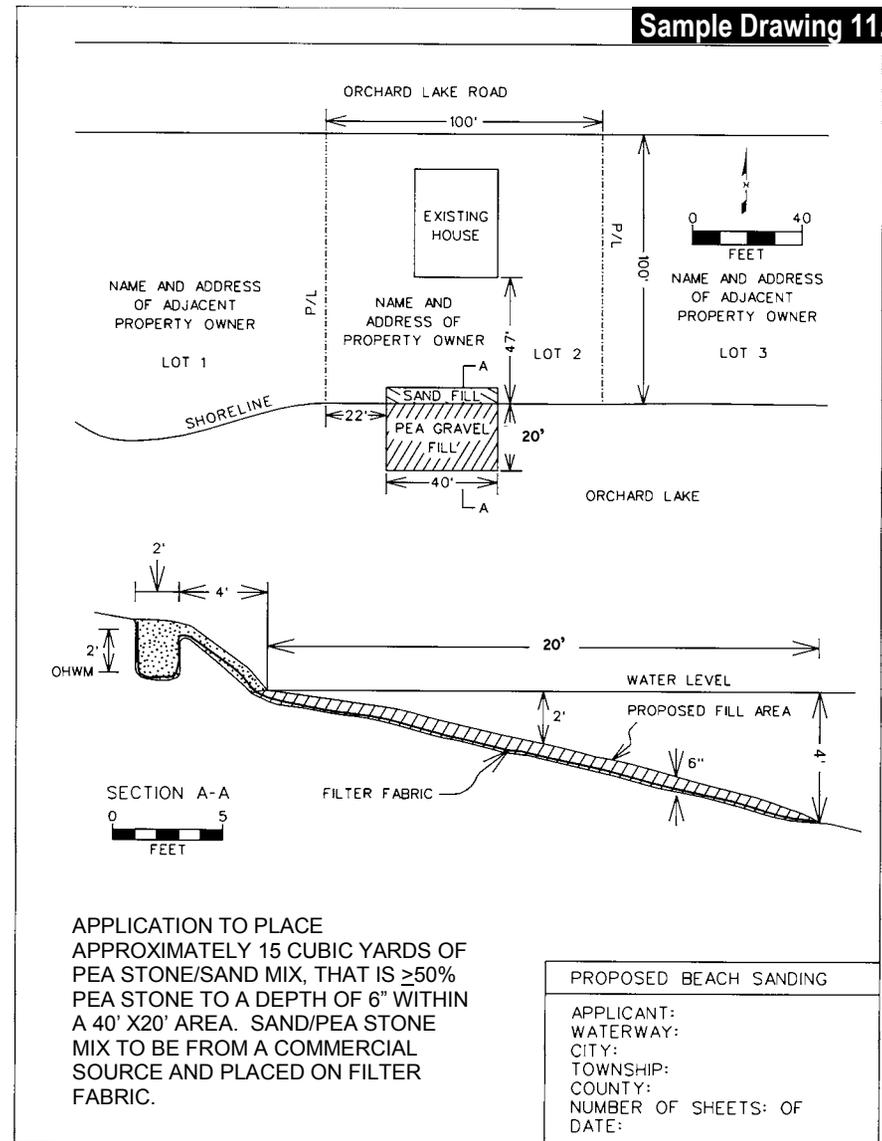
- Complete **Sections 10A, 10B, 10C, 12, 13, and 14** if applicable to your project.
 Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- An overall site plan showing existing lakes, streams, wetlands, floodplains and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - Site location plan that provides for minimum impact to the wetland.
 - The dimensions for maximum depth and maximum extent of fill. Include dimensions from fixed objects and property boundaries to wetland fill area.
 - The fill volume (cu yd) calculated by multiplying average (depth) x (width) x (length) in feet and dividing by 27.
 - Soil erosion and sedimentation control measures.
 - Observed water elevation, date of observation (M/D/Y).
 - Datum (IGLD 85 or NGVD 29 on Section 10 Waters).

Sample Drawing 10.



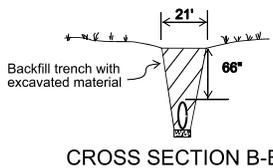
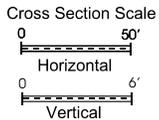
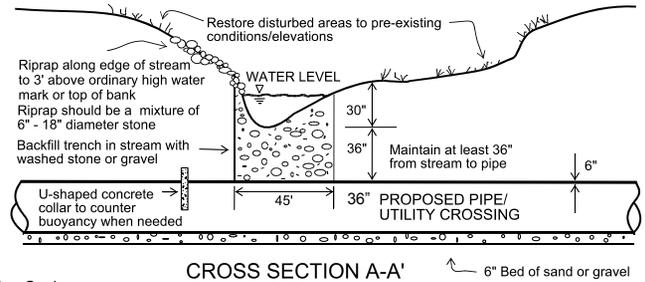
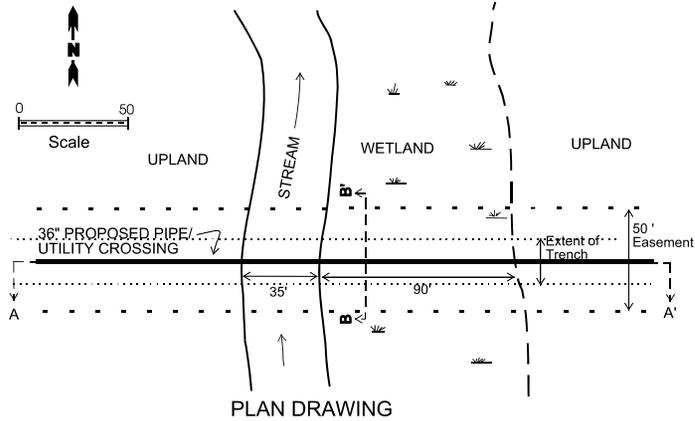
- Complete **Sections 10A, 10B, 12, 13, and 21** if applicable to your project.
 Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Name of waterbody, property owner, neighboring property owner information, property boundaries, and distances to adjacent property lines from proposed dock.
 - Observed water elevation and date of observation (M/D/Y).
 - Datum used (IGLD 85 or NGVD 29 on Section 10 Waters).
 - Dimensions from fixed objects to property boundaries and the proposed pier, dock, or piles.
 - Existing conditions along the shoreline for project site and each adjacent parcel.
 - Dimension of existing structures for each adjacent parcel.
 - Material used for construction of pier, dock, and or piles.

Sample Drawing 11.



- Complete **Sections 10A, 10B, 10C, and 12** if applicable to your project.
 Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, floodplains, and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - Dimensions of an existing or proposed house, dock, or other structures, and distance from the proposed sanding area and property boundaries.
 - The maximum and average fill dimensions (ft) in both plan and cross-section views. Calculate fill volume (cu yd) by multiplying average (depth) x (width) x (length) in feet and dividing by 27.
 - The observed water level, date of observation (M/D/Y) and datum, if used (NGVD 29 or local).
 - The extent of filter fabric, if used, and how the filter fabric will be grounded.
 - Soil erosion and sedimentation control measures.
 - Source of clean sand or pre-washed gravel.

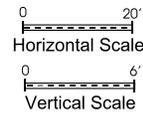
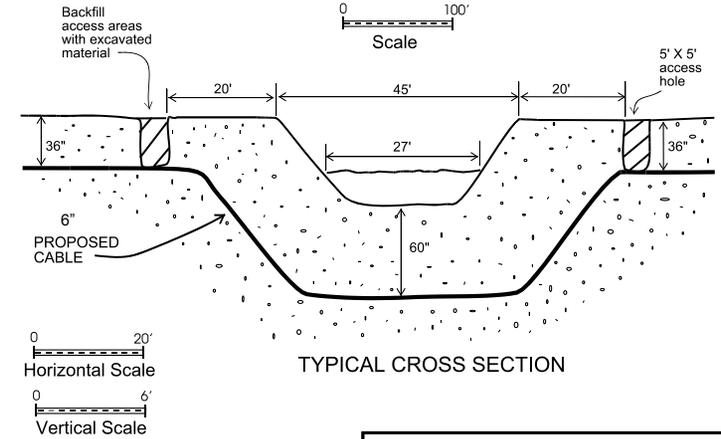
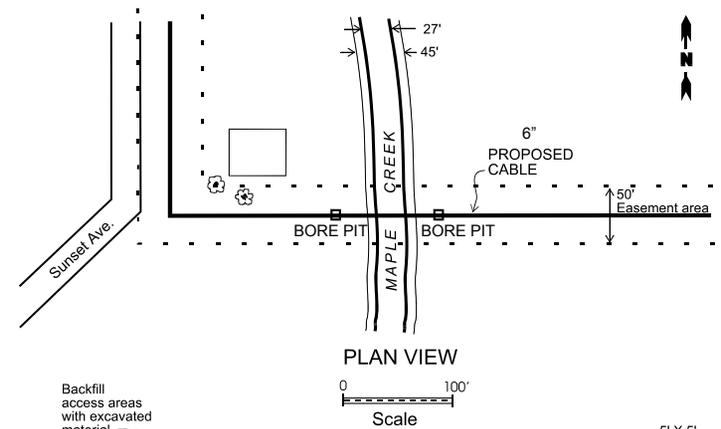
Sample Drawing 12.



PROPOSED PIPE/UTILITY CROSSING IN A TRENCH

APPLICANT:
 WATERWAY:
 CITY/TOWNSHIP:
 COUNTY:
 NUMBER OF SHEETS: ___ OF ___
 DATE:

Sample Drawing 13.



PROPOSED DIRECTIONAL BORE STREAM CROSSING

APPLICANT:
 WATERWAY:
 CITY/TOWNSHIP: SECTION: ___
 COUNTY:
 NUMBER OF SHEETS: ___ OF ___
 DATE:

Complete **Section 18** and **Sections 10A, 10B, 10C, 12, and 13** if applicable to your project.

Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:

- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
- Name of waterbodies, property boundaries, easement boundaries, neighboring property owner information, *soil erosion and sedimentation control measures* and datum used (NGVD 29 or local).
- Location and dimensions (ft) of proposed excavation in both *plan* and *cross-section* views. Calculate excavation volume (cu yd) by multiplying average (depth) x (width) x (length) in feet and dividing by 27.
- Location of disposal area in upland above the 100-year *floodplain*. If spoils will be disposed of off-site, attach a detailed location. If temporary sidcasting, show location and dimensions.
- Proposed backfill material and source.
- Proposed installation method (i.e., *flume*, plow, open trench).
- Pipe diameter, length, and distance below streambed for each crossing.
- Purpose of crossing (i.e. sanitary sewer, storm sewer, watermain, cable, oil/gas pipeline, etc.).

Complete **Section 18** and **Sections 10A, 10B, 10C, 12, and 13** if applicable to your project.

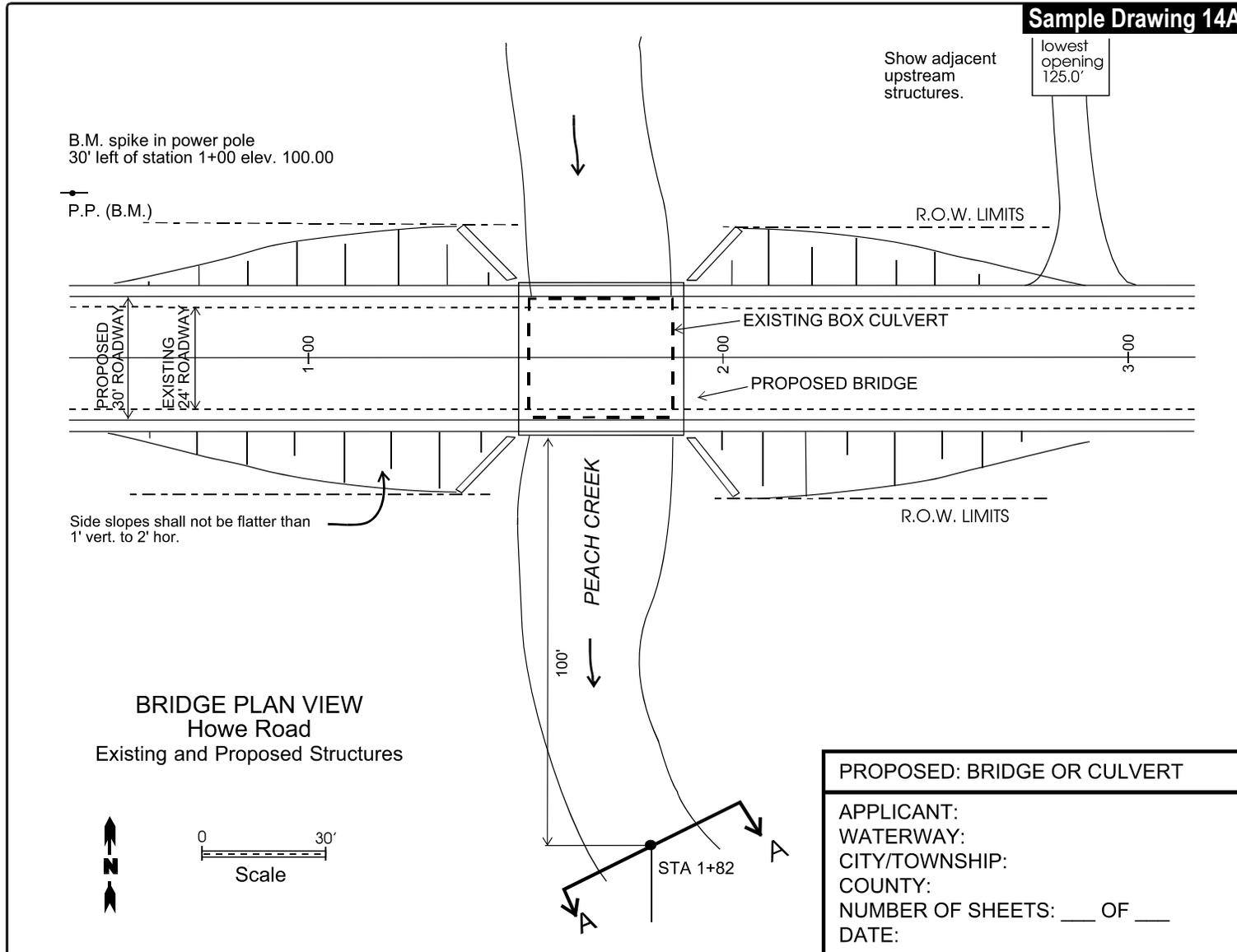
Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:

- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
- Name of waterbodies, property boundaries, easement boundaries, property owner, neighboring property owner information, and *soil erosion and sedimentation control measures*.
- Excavation dimensions (ft) for drilling or boring inlet and outlet points in both *plan* and *cross-section* views. Calculate excavation volume (cu yd) by multiplying average (depth) x (width) x (length) in feet and dividing by 27.
- Proposed construction method (i.e., jack and bore or directional drill).
- Pipe diameter, length, and distance below streambed for each crossing.
- Purpose of crossing (i.e. sanitary sewer, storm sewer, watermain, cable, oil/gas pipeline, etc.).
- Provide contingency plan.

Proposed Bridges and Culverts:

Complete **Section 14** and **Sections 10A, 10B, 10C, 12, 13, and 15** if applicable to your project.

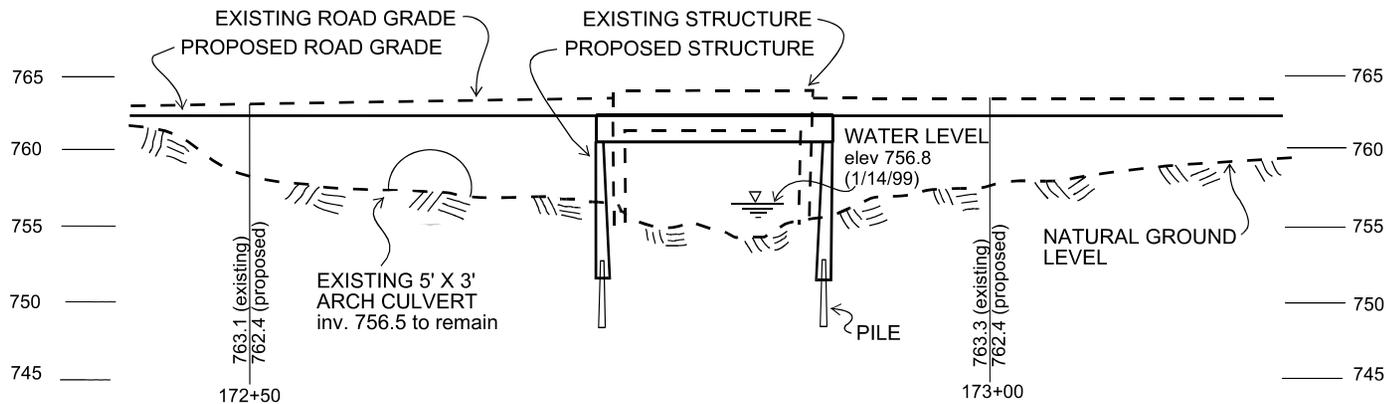
- Provide an overall site plan showing existing lakes, streams, wetlands, and other water features. Include name of waterbodies, property boundaries, and neighboring property owner information.
- Provide detailed site-specific drawings of existing **and** proposed *Plan View* (Sample Drawing 14A), *Elevation View* (Sample Drawing 14B), *Stream and Floodplain Cross-Sections* (Sample Drawing 14C), and *Stream Profile* (Sample Drawing 14D) adequate for detailed review.
- If your project includes *floodplain* fill, complete **Section 13** and include a site-specific drawing (See Sample Drawing 5).



Bridge or Culvert Plan View

- Existing and proposed *structures* and approaches.
- Property boundaries and or right-of-ways (ROW).
- Description of reference point and datum used (NGVD 29, IGLD 85 or local).
- Location of *cross-section* or elevation views.
- Soil erosion and sedimentation control measures.*

Sample Drawing 14B.



BRIDGE ELEVATION VIEW
Existing and Proposed Structures



Elevations in Feet

PROPOSED: BRIDGE OR CULVERT

APPLICANT:
WATERWAY:
CITY/TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: ___ OF ___
DATE:

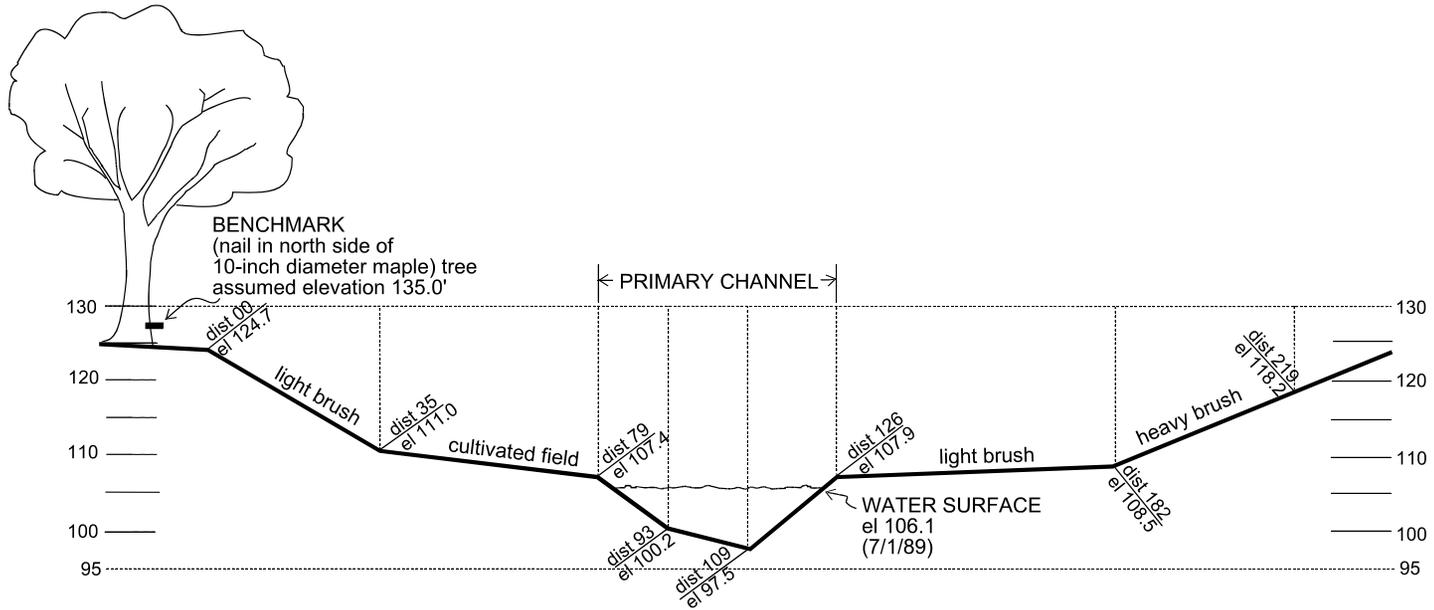
Bridge or Culvert Elevation View

- All proposed projects need to provide the channel dimensions (bank elevations, top width, bottom width, if channel bottom is horizontal).
- Observed and highest known water elevations (ft) and dates of observations (M/D/Y).
- 100-year floodplain elevation (if known).
- Basement floor and finished first-floor elevations (ft) of nearby homes and buildings.
- Elevation of ordinary high water mark (OHWM).

Existing and proposed:

- Structure elevations.
- Road grade and elevation of low points in road.
- Distance from low point of road to mid-point of structures.
- Upstream and downstream elevations (ft) of culvert crown or bottom of bridge beam.

Sample Drawing 14C.



CROSS-SECTION A - A
(Looking Downstream)

Cross-section downstream of proposed replacement structure typical to the watercourse involved and taken perpendicular to flood flows

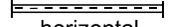
Scale

0 20'



vertical

0 30'



horizontal

Elevations in Feet

el = grade point elevation in reference to the assumed benchmark

EXISTING & PROPOSED CROSS-SECTION

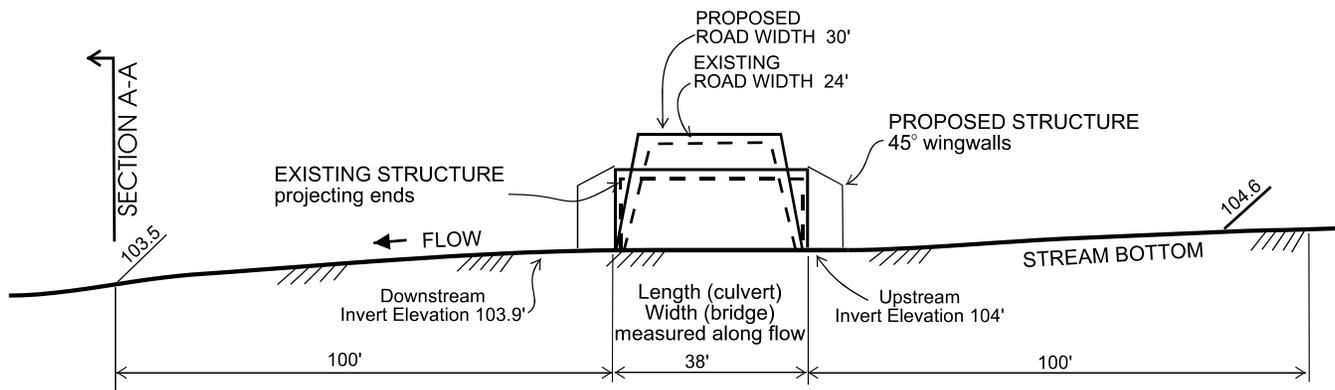
APPLICANT:
WATERWAY:
CITY/TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: ___ OF ___
DATE:

Stream and Floodplain

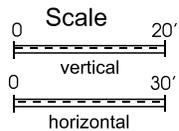
Cross-Section View

- All proposed projects need to provide the channel dimensions (bank elevations, top width, bottom width, if channel bottom is horizontal).
- Description of reference point and datum used (NGVD 29, IGLD 85, or local).
- Highest known and observed water elevations (ft) and dates of observations (M/D/Y).
- 100-year floodplain elevation (if known).
- Descriptions of overbank vegetative cover within the floodplain.
- Elevation of ordinary high water mark (OHWM).
- If upstream channel and overbank dimensions and/or vegetative cover differ significantly from the downstream conditions also

Sample Drawing 14D.



STREAM PROFILE VIEW
Existing and Proposed Structure,
Invert Elevations and End Treatment



PROPOSED: BRIDGE OR CULVERT

APPLICANT:
WATERWAY:
CITY/TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: ___ OF ___
DATE:

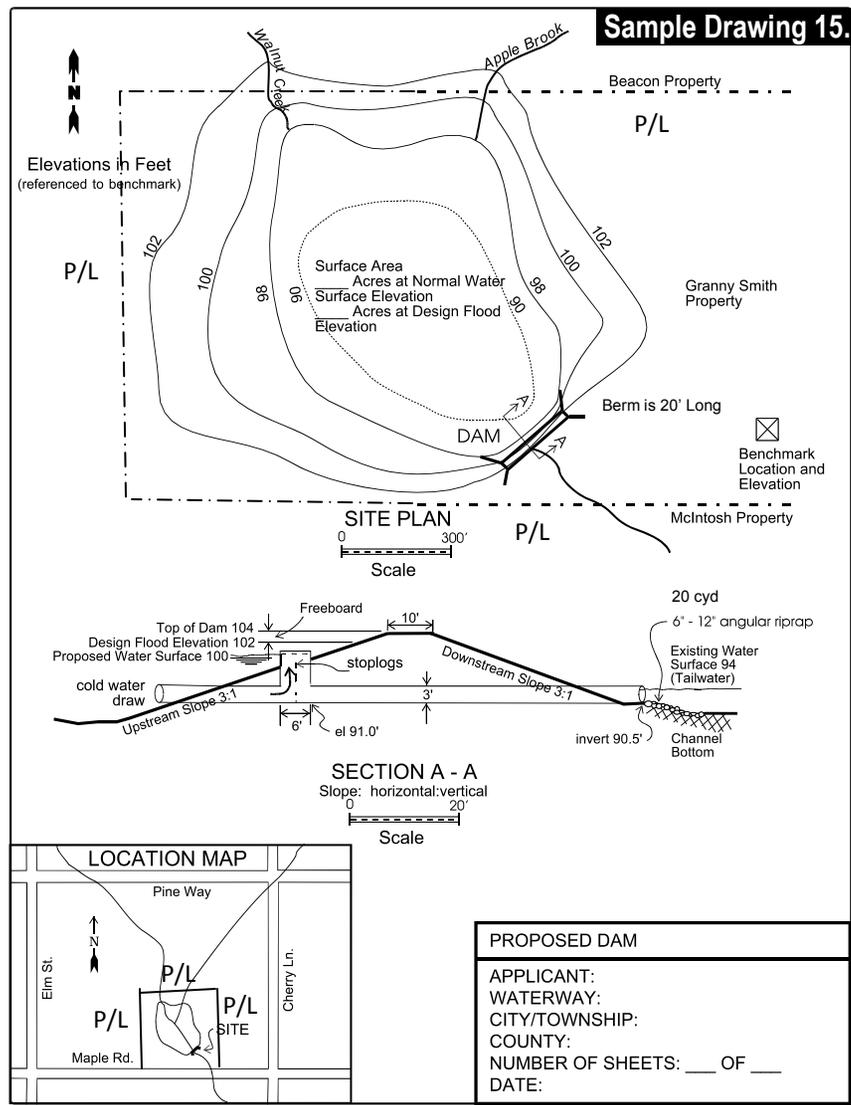
Stream Profile View

- Datum used (NGVD 29, IGLD 85, or local).
- Location of cross-sections.

Show existing and proposed:

- Road width and culvert length or bridge width (ft).
- Upstream and downstream invert elevations (ft).
- 100-year floodplain profile (if known).

Sample Drawing 15.

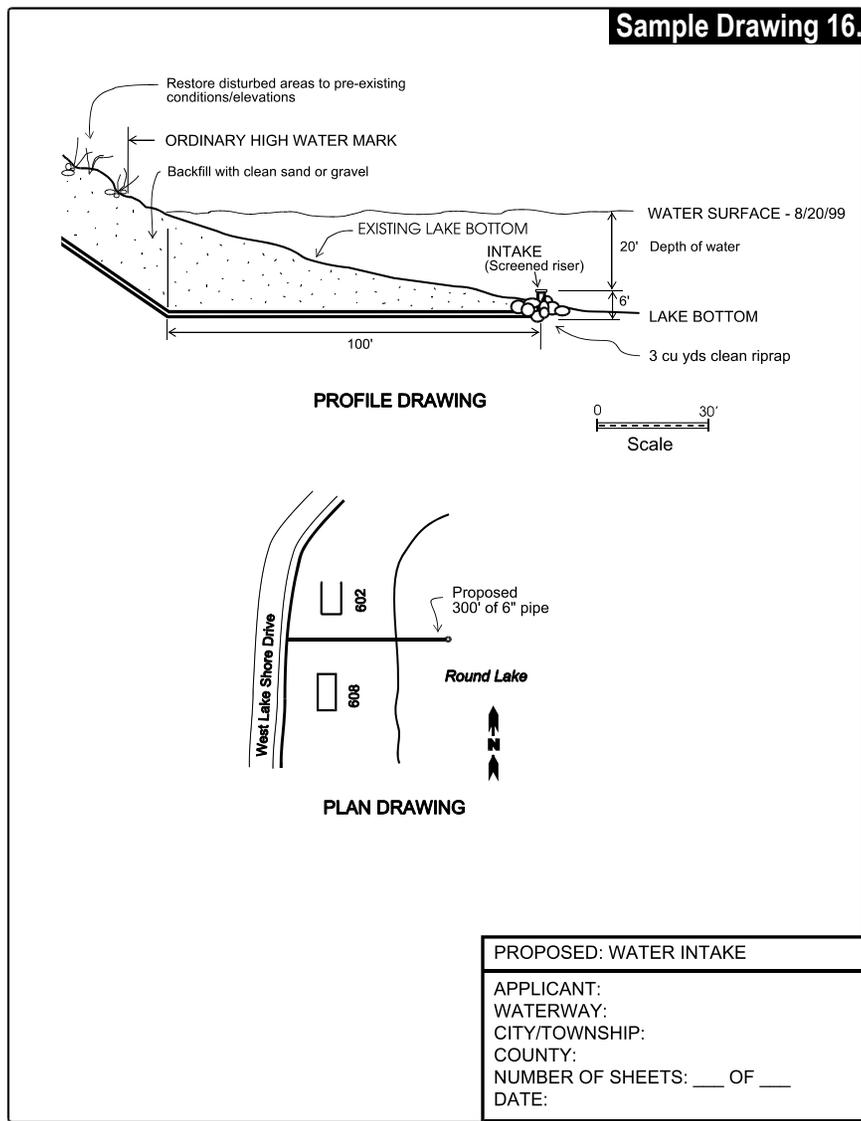


- Complete **Section 17** and **Sections 10A, 10B, 10C, 11, 12, 14, and 16** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - Highest known and observed water elevations (ft) and dates of observations (M/D/Y).
 - Datum used (IGLD 85, NGVD 29, or local) and a description of the reference point or benchmark.
 - Elevation of low point in top of embankment excluding spillways.
 - Soil erosion and sedimentation control measures*.

For a new dam include:

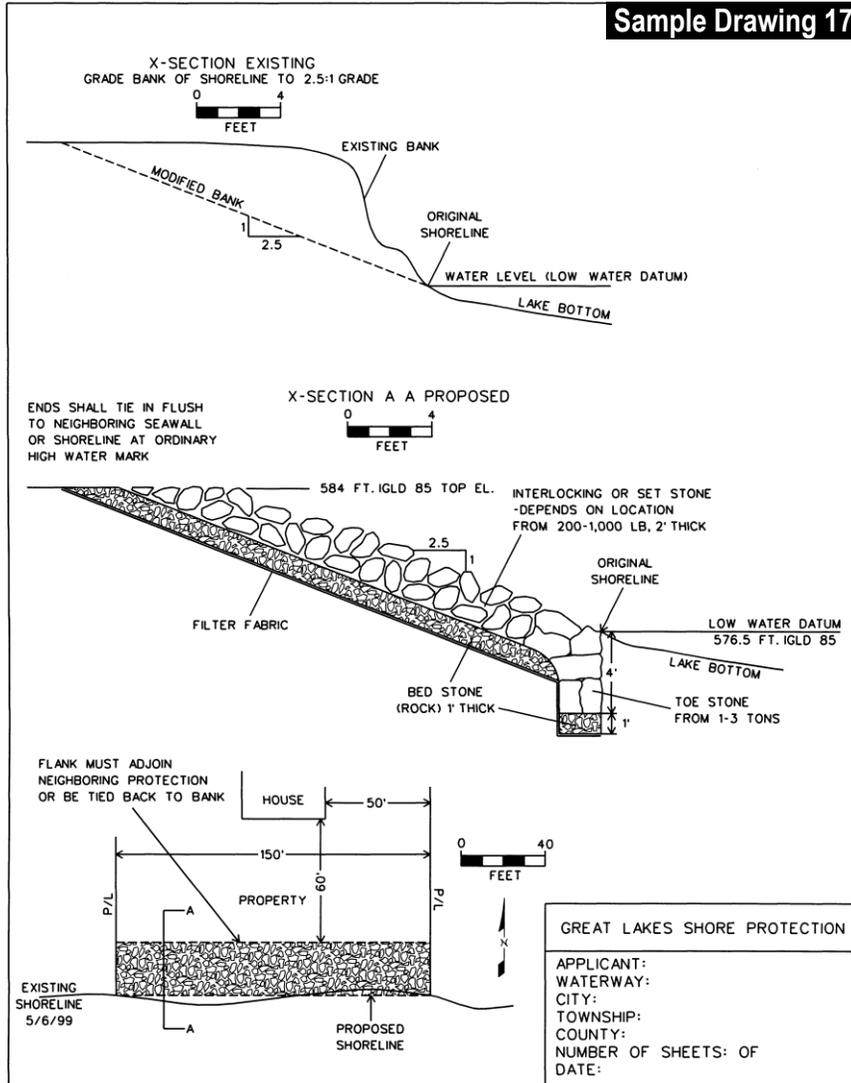
- Embankment top elevation and streambed elevation at downstream embankment toe.
- Structural height (embankment top elevation minus streambed elevation at downstream toe).
- Embankment length, top width, bottom width, and upstream and downstream *slopes* (vert./horiz.).
- Proposed normal pool and design flood elevations.

Sample Drawing 16.



- Complete **Section 10J** and **Sections 10A, 10B, 10C, 12, 13, and 16** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, floodplains and other water features.
 - Name of waterbodies, property boundaries, easement boundaries, property owner, neighboring property owner information, and *soil erosion and sedimentation control measures*.
 - Highest known and observed water elevations (ft) and dates of observations (M/D/Y).
 - Datum used (IGLD 85, NGVD 29, or local) and a description of the reference point or benchmark.
 - Detailed dimensions (length, width, depth, diameter, etc.) of headwall, end section, and/or pipe.
 - Pipe invert elevation.
 - Number of pipes and pipe diameters and invert elevations.
 - Dimensions from fixed objects to property boundaries and the proposed water intake.

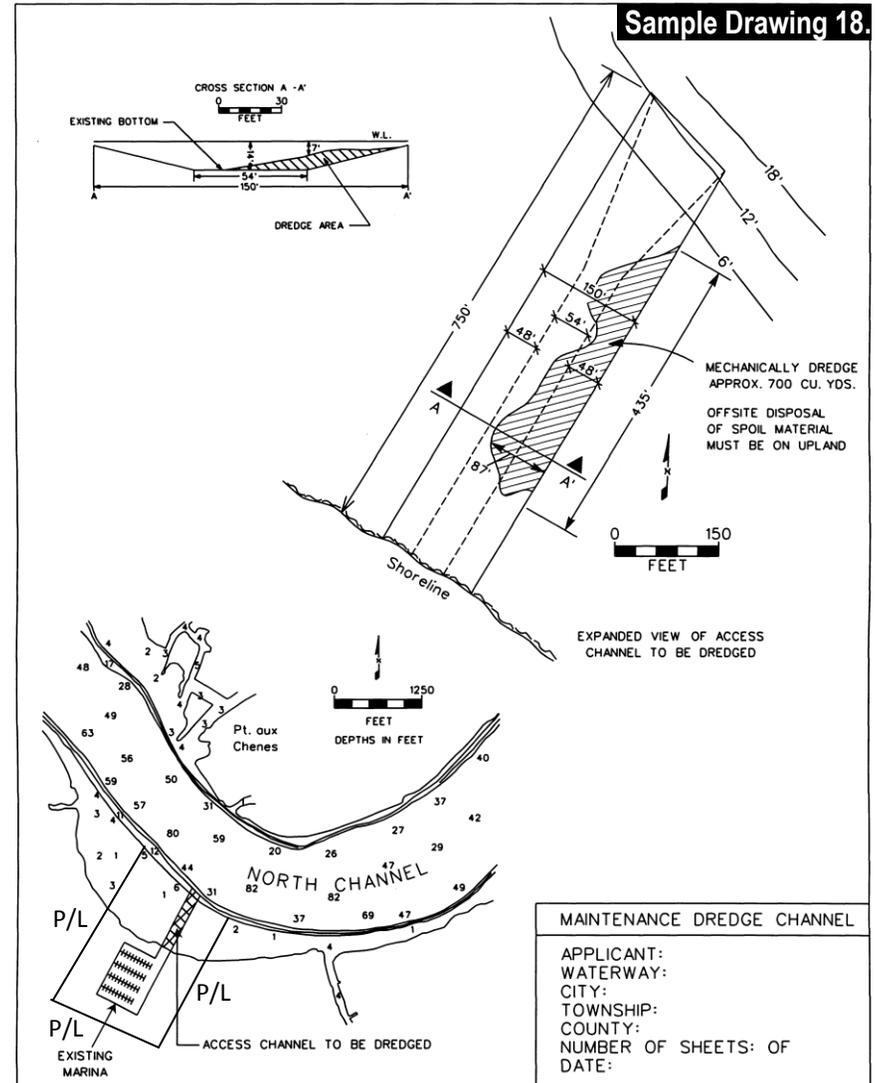
Sample Drawing 17.



Complete **Section 10D** and **Sections 10A, 10B, 10C, 12, 20, and 21** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:

- Existing and proposed conditions along the shoreline at your project location.
- Existing conditions and/or structures along the *shoreline* for each adjacent parcel.
- Length of proposed shore protection. If shore protection is a *seawall* or *bulkhead*, please provide the return wall length (ft).
- Details of how *structure* will be tied into existing walls or tied back to bank.
- Location of filter fabric on *cross-section*.
- Horizontal and vertical dimensions from fixed objects to property boundaries and the proposed shore protection.
- Name of waterbody, property owner, neighboring property owner information, and property boundaries.
- Soil erosion and sedimentation control measures*.
- Observed water elevation, date of observation, and datum (IGLD 85 or NGVD 29 on Section 10 Waters).

Sample Drawing 18.

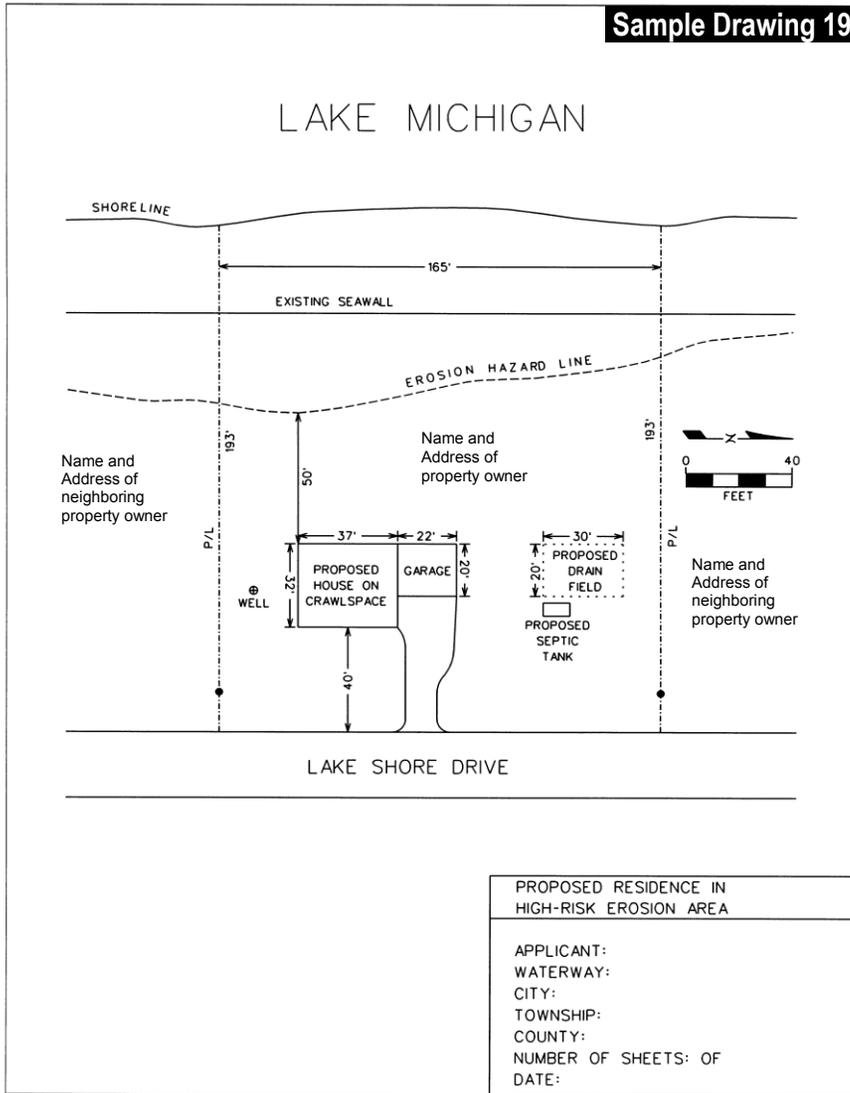


Complete **Section 10B** and **Sections 10A, 12, and 21** if applicable to your project.

Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:

- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
- Name of waterbodies, property boundaries, property owner, and neighboring property owner information.
- The dredge spoils disposal area location in an upland area above the *100-year floodplain*. If spoils will be disposed of off-site, attach a detailed location. Sediment testing may be required.
- The location and dimensions of existing or proposed *docks* or *piers*.
- Show maximum and average dredge dimensions (ft) in both plan and cross-section views. Calculate dredge volume in cubic yards by multiplying average (depth) x (width) x (length) in feet and dividing by 27.
- Observed water elevation, date of observation, and datum (IGLD 85 or NGVD 29 on Section 10 Waters).
- Soil erosion and sedimentation control measures*.

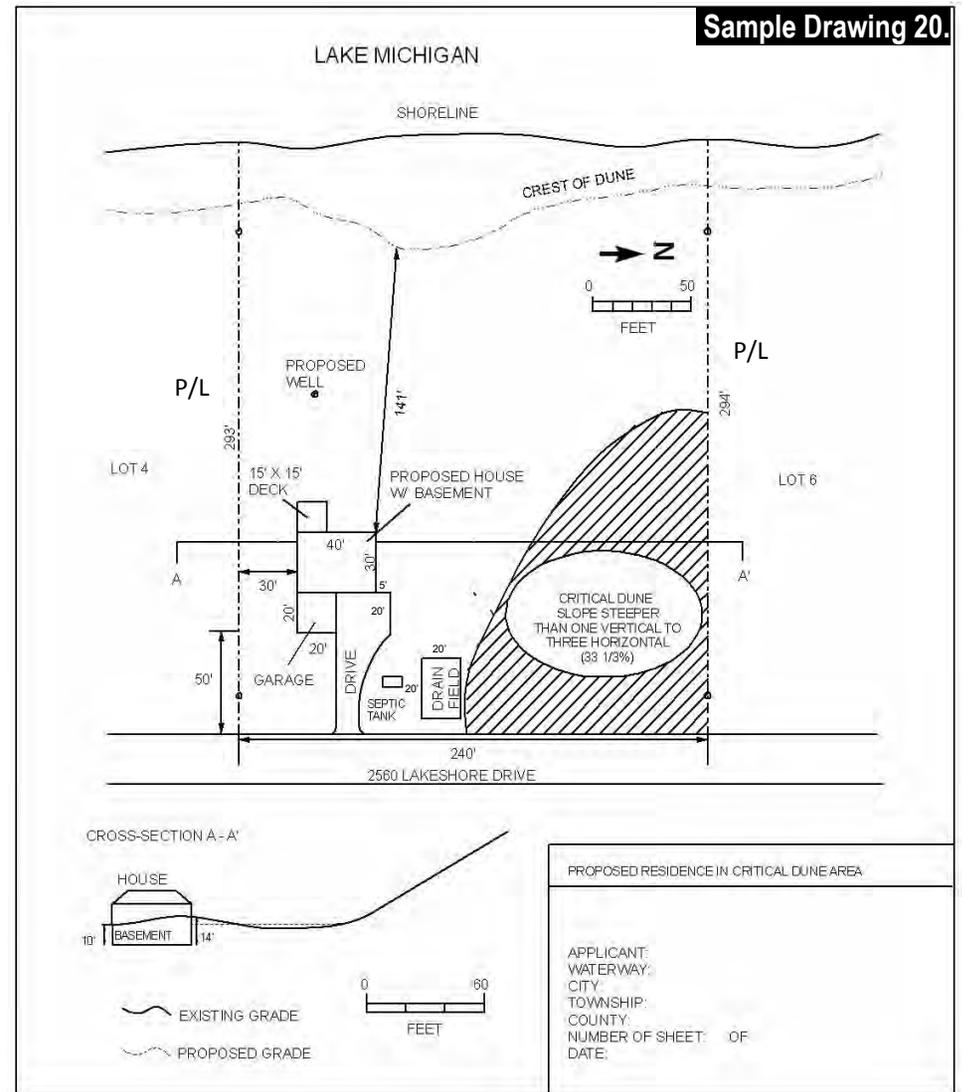
Sample Drawing 19.



- Complete **Section 20** and **Sections 10A, 10B, 10C, and 10D** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
 - Name of waterbodies, location of water well, and property boundaries.
 - Dimensions for all existing and proposed buildings, septic systems, and driveways.
 - Applicable required *setback* dimensions (minimum distance (ft) from *erosion hazard line* to existing, or proposed buildings, or construction activities).
 - Location and dimensions of proposed grading.
 - Reference Sample Drawings 6 and 9 for required information if your proposed activities will impact a wetland.
 - Soil erosion and sedimentation control measures*.

Photographs are optional, but may assist staff in processing your application more quickly.

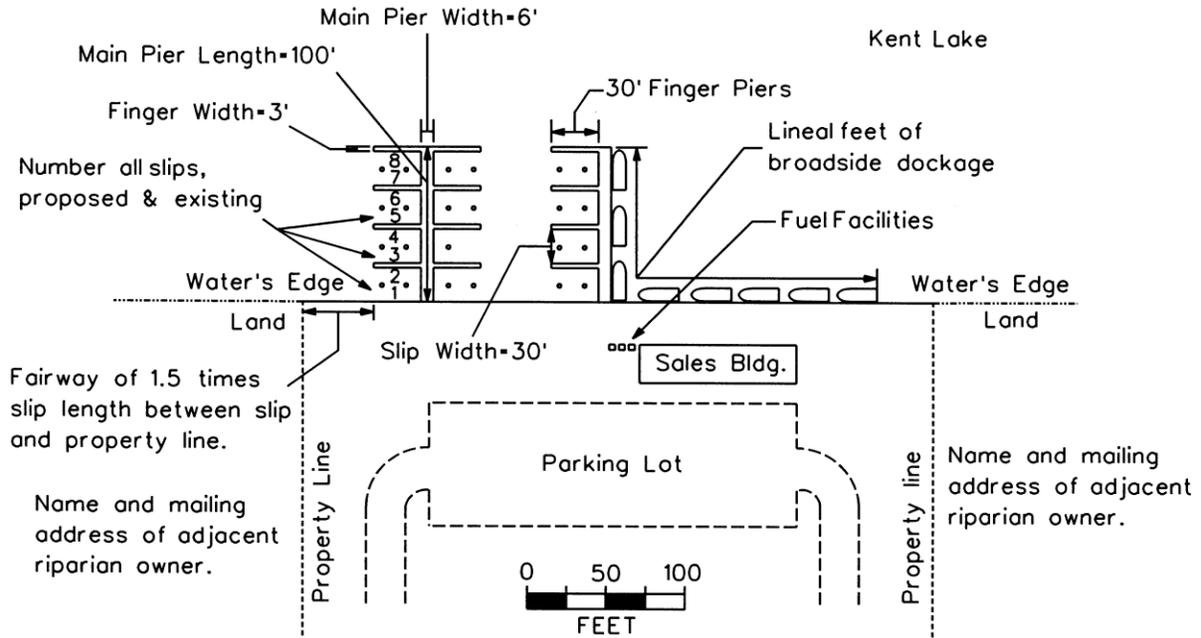
Sample Drawing 20.



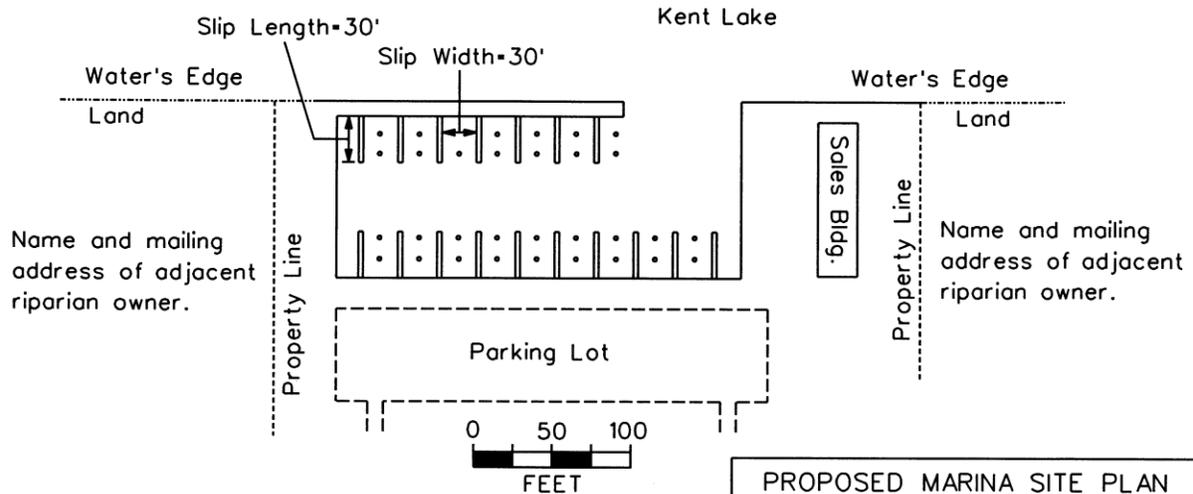
- Complete **Section 20** and **Sections 10A, 10B, 10C, 10D, 12, and 21** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, *floodplains*, and other water features.
 - Name of waterbodies, location of water well, and property boundaries.
 - Identify areas where slopes are between 25 and 33 percent and greater than 33 percent.
 - Dimensions for all existing and proposed buildings, septic systems, and driveways.
 - Minimum distance (ft) from crest of dune to proposed or existing buildings or construction activity (ft).
 - Location and dimensions of areas where tree and other vegetation will be removed.
 - Location and dimensions of proposed grading.
 - Reference Sample Drawing 9 for required information if your proposed activities will impact a wetland.
 - Soil erosion and sedimentation control measures*.

Photographs are optional, but may assist staff in processing your application more quickly.

MARINA SITE PLAN #1



MARINA SITE PLAN #2



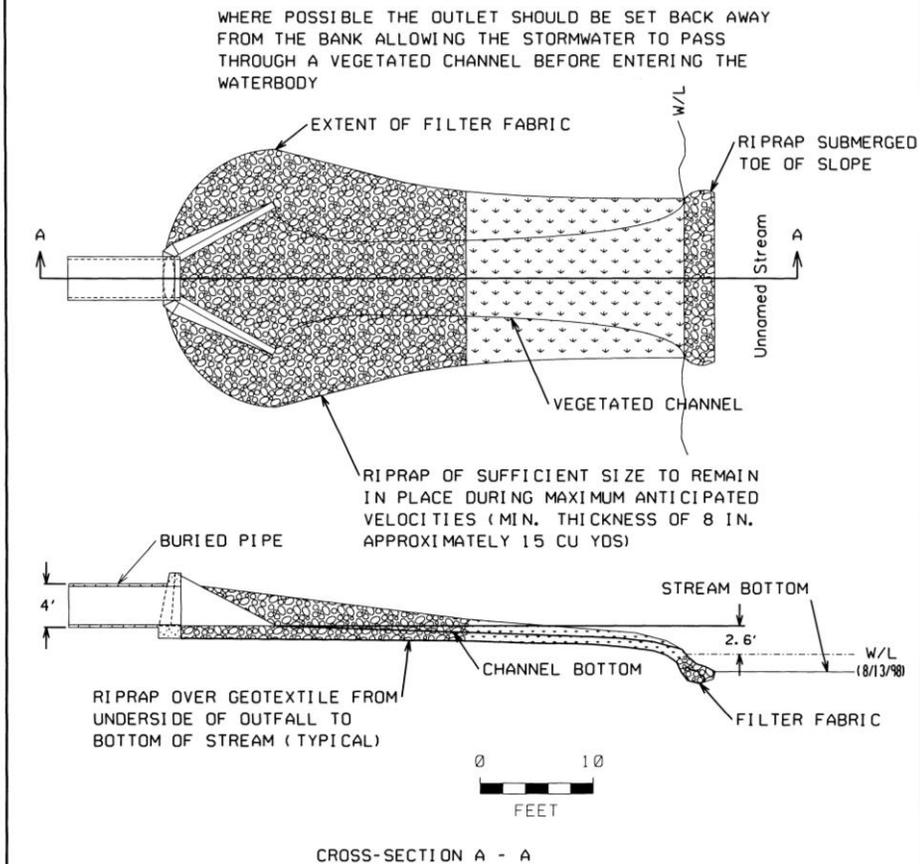
Please include actual dimensions for all distances as shown in examples.
Do not include slip or dock length as lineal feet of broadside dockage.

PROPOSED MARINA SITE PLAN

APPLICANT:
WATERWAY:
CITY:
TOWNSHIP:
COUNTY:
NUMBER OF SHEETS: OF
DATE:

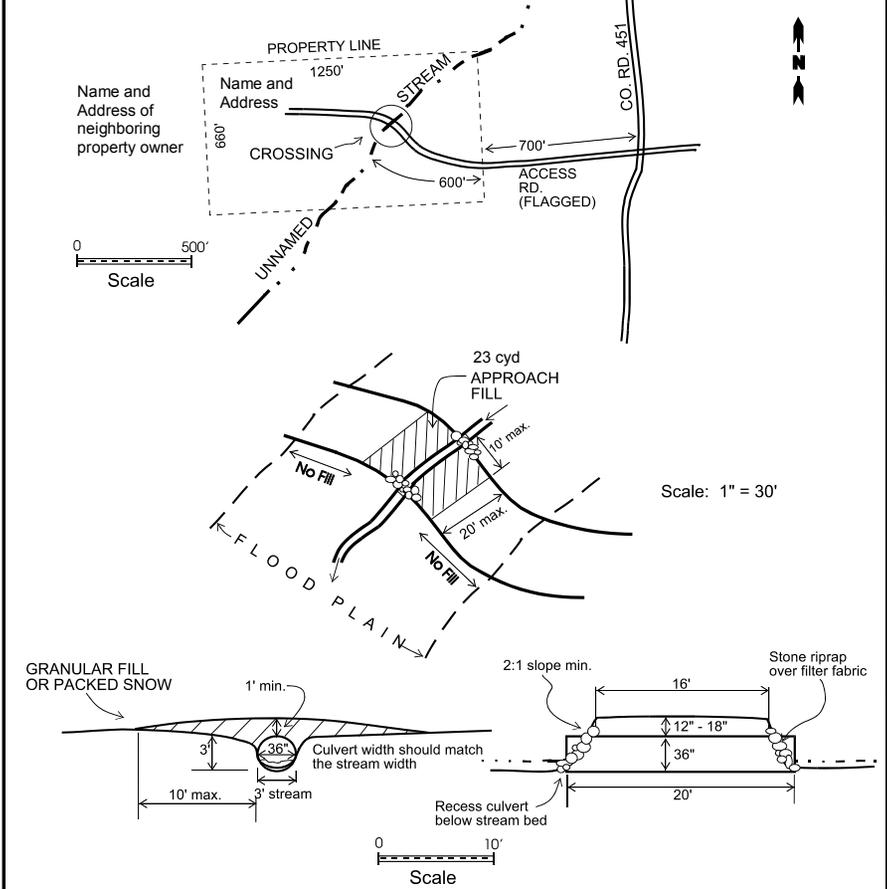
- Complete **Section 19** and **Sections 10, 12, and 21** if applicable to your project.
Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review, include:
- Overall site plan showing existing lakes, streams, wetlands, floodplains, and other water features.
 - Name of waterbodies, property boundaries, property owner, and neighboring property owner information.
 - Soil erosion and sedimentation control measures.
 - Site specific proposed dimensions for all distances shown in Sample Drawings 10 and 21 if applicable to your project.
 - Site specific information and dimensions shown on Sample Drawing 7 if dredging activity is proposed.
 - Highest known and observed water elevations (ft) and dates of observations.
 - Datum used (IGLD 85, NGVD 29, or local) and a description of the reference point or benchmark.

Sample Drawing 22.



PROPOSED OUTLET PIPE	
APPLICANT:	
WATERWAY:	
CITY:	
TOWNSHIP:	
COUNTY:	
NUMBER OF SHEETS:	OF
DATE:	

Sample Drawing 23.



PROPOSED TEMPORARY LOGGING ROAD CROSSING	
APPLICANT:	
WATERWAY:	
CITY/TOWNSHIP:	
COUNTY:	
NUMBER OF SHEETS:	___ OF ___
DATE:	

- Complete **Section 10I** and **Sections 10A, 10B, 10C, 12, 13, and 15** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, and other water features.
 - Name of waterbodies, property boundaries, and neighboring property owner information.
 - Soil erosion and sedimentation control measures.*
 - Datum used (NGVD 29, IGLD 85, or local) and a description of the reference point or benchmark.
 - 100-year floodplain elevation (if known).
 - Highest known and observed water elevations (ft) above or below reference point and dates of observations.
 - Include number of pipes, pipe diameters, and pipe invert elevations.
 - If on *Section 10 Waters*, provide pipe invert elevation in IGLD 85 or NGVD 29.

- Complete **Section 14** and **Sections 10A, 10B, 10C, 12, 13, and 15** if applicable to your project. Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review; include:
- Overall site plan showing existing lakes, streams, wetlands, and other water features.
 - Name of waterbodies, property boundaries, property owner, and neighboring property owner information.
 - Soil erosion and sedimentation control measures.*
 - Datum used (NGVD 29, IGLD 85, or local).
 - Description of reference point and highest known water elevation (ft) above or below reference point and date of observation.
 - 100-year floodplain elevation (if known).
 - Site specific information shown in Sample Drawing 14D (Stream Profile View).