

## CHECKLIST FOR DRAWINGS

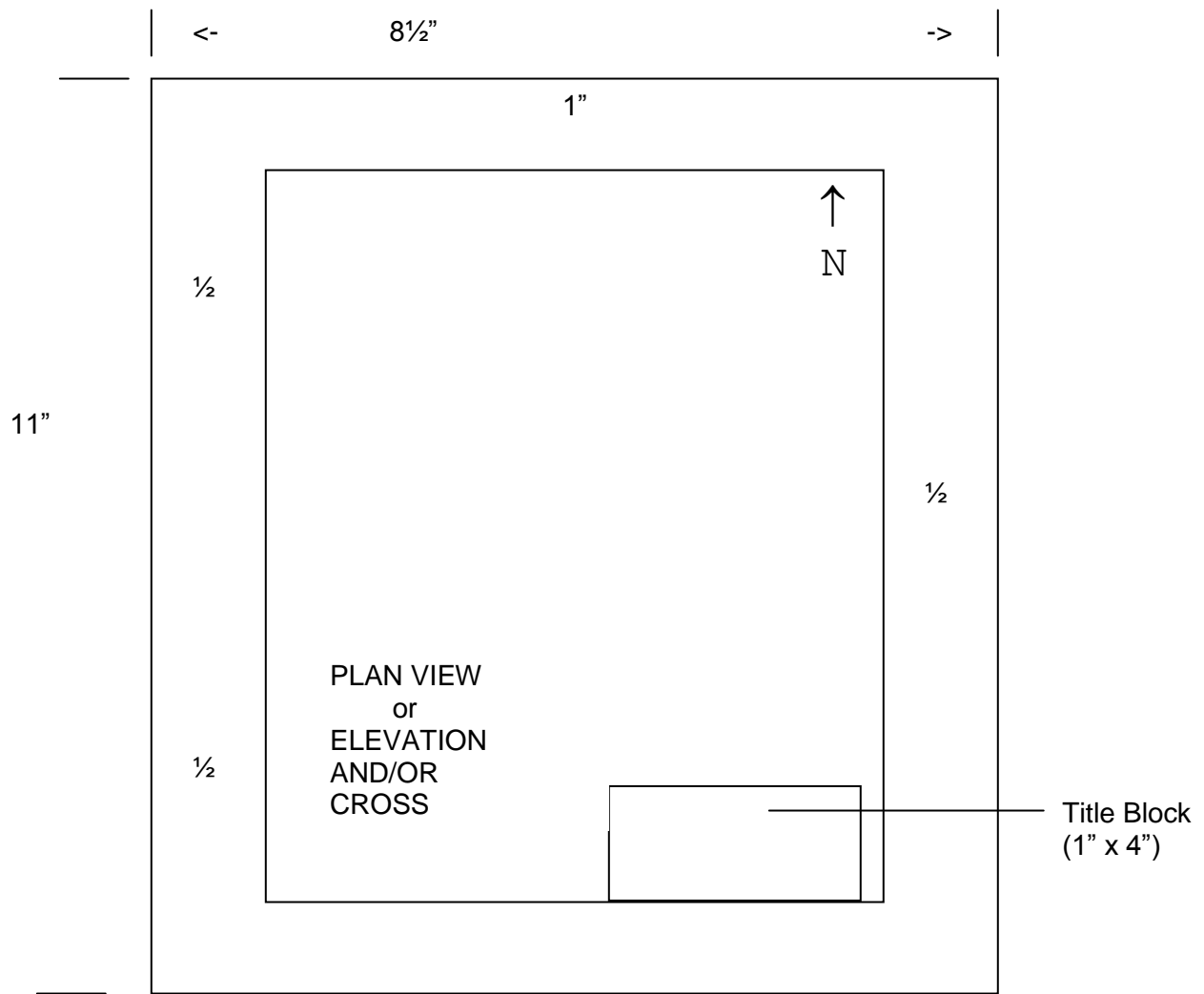
The following “checklist for drawings” from the U.S. Army Corps of Engineers (USACE), Fort Worth District, are general requirements that should be contained within project exhibits for review of permitting requirements under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899. This checklist is a simplified version of drawing requirements taken from the USACE Fort Worth District, General Recommendations for Department of the Army Submittals (June 11, 2001), designed to assist applicants with their exhibit submittals; please refer to aforementioned document for additional specificity.

### **General Requirements**

- \* It is not required to have your drawing(s) professionally drafted, especially for small, relatively simple projects, provided the drawings are clear and implicit. However, the drawings of larger, more complex projects should always be in a more professional format.
  
- \* Submit one original set of all drawings on an 8½-inch x 11-inch paper. Submit the fewest number of sheets necessary to adequately show the proposed activity. Print, in black ink, any words used on the drawings. All other markings should also be in black ink.
  
- \* A 1-inch margin should be left at the top edge of each sheet. A ½-inch margin should be left on the three other edges.
  
- \* The title block should be on each sheet. It should include:
  1. The file number, if known (e.g., SWF-2015-00902).
  2. Applicant’s Name.
  3. The nearest waterbody (e.g., Trinity River, Pecan Creek, Lake Waco, etc.).
  4. A description of the proposed activity (e.g., “Utility Line”).
  5. The number of the sheet & total number of sheets (sheet 1 of 4).
  6. The date the drawing was prepared (Month/Day/Year).

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:

File number: SWF-xxxx-xxxxx
Name: Last, First or Business Name
Waterway:
Proposed activity: (e.g., Utility Line)
Sheet 1 of ?                      Date __/__/__

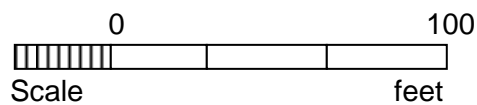


## Vicinity Map

\* This map should clearly show where your project would be located, both on a Texas map inset, as well as a more detailed and smaller-scale map. The vicinity map should show the following:

- ✓ Location of the activity, i.e., latitude(s) and longitude(s) in decimal degrees.
- ✓ Name of nearest waterway.
- ✓ Name of, direction and distance to local town or other identifying location.
- ✓ Names of roads in the vicinity of the site.
- ✓ Graphic scale.

Example:



- ✓ North Arrow. (Pointing to the top of the page).

## **Plan View**

- \* The plan view drawing shows the proposed project as if it was viewed for the air (bird's eye view). It should show the items listed below.
  - ✓ A North arrow. (Pointing to the top of the page).
  - ✓ Identify the project in relation to the ordinary high water mark (OHWM) and/or boundaries with any special aquatic sites (e.g., wetlands), as well as the location and boundaries of all waters of the U.S. (WOUS) in the project area vicinity.
  - ✓ Identify the OHWM, if the proposed activity is near a stream or lake.
  - ✓ Identify the principal dimensions of the activity, fill and/or structures, and the distance it would extend into the waterbody relative to the OHWM and boundary with special aquatic sites, as applicable.
  - ✓ Identify the location, types, and amounts of fill (in cubic yards), and area to be filled (in acres).
  - ✓ Identify the distance of proposed project from any nearby existing temporary or permanent structure, either on land or in the water.
  - ✓ Identify the distance between the proposed activity and any navigable channel.
  - ✓ Identify any proposed final disposal site(s) for the placement of dredged and/or excavated fill materials.
  - ✓ Identify the name, location, and boundaries of adjacent property owners.
  - ✓ Identify erosion control measures, storm water runoff controls, stabilization of disturbed areas (BMP's), etc., as applicable.
  - ✓ Identify all cross-section view locations (e.g. A-A').

## **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:
  - ✓ A Graphic scale.
  - ✓ The cross-section view label (e.g. A-A').
  - ✓ Same water lines as in the plan view drawing (i.e., the OHWM and any special aquatic site boundaries).
  - ✓ The location(s) of the project, and the distance it extends into the waterbody beyond the OHWM and/or into special aquatic sites (e.g. wetlands).
  - ✓ Principal dimensions of the structure or work and how far below the OHWM or into other waters it would extend.
  - ✓ Approximate side slopes of any proposed fills (horizontal: vertical, e.g. 3:1).

Additional information:

- ✓ Multiple drawings should not be combined into a single drawing or page. More than one cross-section drawing may be required to adequately show all aspects of your project's proposed impacts to WOUS, including wetlands.