

 Office of Structures <i>Guidelines and Procedures</i> <i>Memorandum</i>	PLANS
	Number: OOS-GPM-P-209 <i>(Former P-75-3(4))</i>
	Date: 08-05-2026
Foundation Boring and Drive Tests	Approval: 

OVERVIEW

Plan sheets showing the foundation boring logs and drive tests shall be prepared and included as a part of the contract plans for all structures which boring and drive tests are taken. The inclusion of this information is important as it provides valuable information to prospective bidders on the site conditions for structure foundations.

PLAN SHEET

The plan sheet shall be titled "Borings and Drive Tests" and include the following information:

1. All applicable borings and drive tests plotted to scale with all field data including the following information: the elevation of ground surface at the borings, the station and offset of the boring from the proposed baseline, and the numerical designation of the boring from the original request. Each boring shall be plotted with reference to a shown datum line located directly beneath every boring. Faint dashed grid lines shall be drawn at ten-foot intervals from the datum across the plan sheet to assist in reading the boring. The elevations of the grid lines shall be labeled. The boring logs shall be plotted such that all logs relating to a substructure unit (Abut. "A", Pier 1, etc.) are adjacent to each other and not necessarily in numerical order. Whenever possible, an individual boring log shall remain continuous and not be split. When the depth of the boring results in the log extending beyond the limits of a standard plan sheet orientated landscape, the boring shall be rotated so it is read with the plan sheet orientated portrait.
2. A plan layout of the baseline (drawn to scale with scale noted) shall appear and indicated thereon (to scale) shall be the locations and designations of all borings and drive tests indicated on that sheet. This plan shall be titled "Borings and Drive Test Location Plan". Consultants/Designers shall add a plan view of the structure to this layout.
3. The general notes regarding the boring and drive tests provided by the Office of Materials and Technology shall be shown next to the location plan below the boring logs.
4. Each boring and drive test shall be plotted so that the first column shall indicate "S" or "N"; second column shall indicate "C"; third column shall be patterned to indicate variance in soil material, with material descriptions and pertinent water level indications outside the columns. To the right of the material column, elevations at each change in material classification shall be indicated.
5. Indicate on each boring and drive test (to scale) the foundation elevation of the proposed support unit (i.e. bottom of footing, bottom of caisson, and/or estimated pile tip elevations.)
 Example: "B.O.F. Abut. A El. 320.00"

