

INSERT PAGES
IBC CHAPTER 18

To be inserted between pages 358 & 359.

Comm 62.1808 Pier and pile foundations. (1) DEFINITION OF NEUTRAL PLANE.

This is a department definition in addition to the definitions in IBC section 1808.1:
NEUTRAL PLANE. A pile's neutral plane is the level at which drag load, accumulated from the top down, added to the long-term static service load, equals the upward acting shaft resistance accumulated from the bottom up, added to the pile's toe resistance.

(2) DOWNDRAG. This is a department rule in addition to the requirements in IBC section 1808.2.1: Investigations and reports for pier or pile foundations shall include analysis of whether downdrag is anticipated. Where downdrag is anticipated, the report shall include a determination of the position of the pile's neutral plane, an estimate of the soil settlement at the neutral plane, and a determination of the maximum load at the neutral plane.