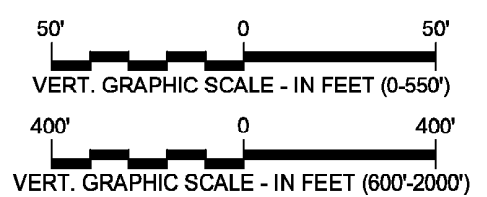
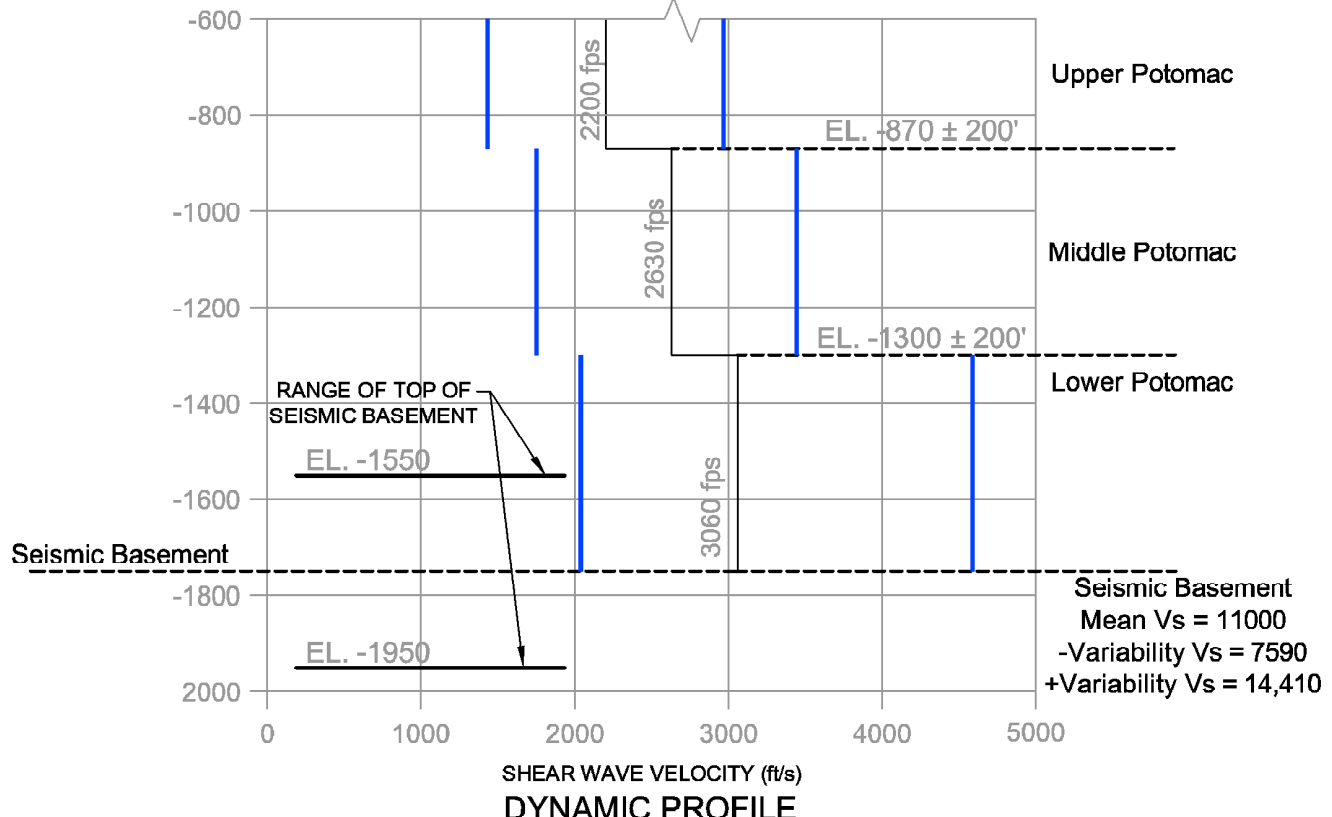


- LEGEND:**
- HF - Artificial and Hydraulic Fill
 - Qal - Alluvium
 - Tkw - Kirkwood Formation
 - Tvt - Vincentown Formation
 - Tht - Hornerstown Formation
 - Knv - Navesink Formation
 - Kml - Mt. Laurel Formation
 - Kw - Wenonah
 - Kmt - Marshalltown Formation
 - Ket - Englishtown Formation
 - Kwb - Woodbury Formation
 - Kmv - Merchantville Formation
 - Kmg - Magothy Formation
 - Kp - Potomac Formation (includes Upper Raritan)
 - # Layer Number
 - Seismic Velocity Layer
 - Geologic stratification

Note:
 G/G_{MAX} and damping curves based on following layer divisions:
 A = LAYER 1
 B = LAYERS 2, 3, 4, 5
 C = LAYERS 6, 7, 8
 D = LAYERS 9a, 9b



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Dynamic Profile-Shear
Wave Velocity
FIGURE 2.5.4.7-8(a)
 Rev 0