



**City of Milpitas
Building And Safety Division**

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**ALLOWABLE LATERAL
BEARING PRESSURE FOR
POLE TYPE FOOTINGS**

Approved By:

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Chief Building Official

1. The maximum allowable foundation pressure, lateral pressure or lateral sliding resistance values for supporting soils near the surface shall not exceed the values specified in 2010 CBC Table 1806.2 for clay soils, unless data to substantiate the use of a higher value is submitted and approved.
2. Isolated poles for uses such as flagpoles, signs and fences that are not adversely affected by a 0.5” motion at the ground surface due to short-term lateral loads are permitted to be designed using lateral-bearing values equal to two-times the tabular values with 1.33 increase, i.e. 266 psf/ft for clay soils.

