



CITY OF MILPITAS

Office of Building Safety
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ALLOWABLE LATERAL BEARING PRESSURE FOR POLE TYPE FOOTINGS

Policy:**BDP-BLG26**

Effective Date:

5/13/2009

Proposed by:

OC

Last Reviewed/
Revised:

3/6/2023

Reviewed/
Revised by:

JDS

Approved By:

Building Official

1. The maximum allowable vertical foundation pressure, lateral bearing pressure, or lateral sliding resistance values for supporting soils near the surface shall not exceed the values specified in 2022 CBC Table 1806.2 for clay soils (class 5 material), 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" horizontal 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.