

## 780 CMR 120.G

### FLOOD RESISTANT CONSTRUCTION AND CONSTRUCTION IN COASTAL DUNES

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#### **120.G801.3 Foundation Types in a Coastal Dune.**

All buildings, structures, or lateral additions, and substantial improvements to a building or structure that has incurred substantial damage as a result of storms and/or flooding that are located in a coastal dune significant to the interests of flood control and/or storm damage prevention shall be supported on open pilings without footings to allow the lateral movement of the dune and shall be adequately anchored to such pilings. The pilings shall have adequate soil penetration to resist the combined wave and wind loads (lateral and uplift) to which such piles are likely to be subjected during storm events. Pile embedment shall include consideration of decreased resistance capacity caused by scour of soil strata surrounding the piling. Pile system design and construction shall be made in accordance with the provisions of 780 CMR ~~1816.0 and 1817.0~~ **18.00**.

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