

INFORMAL CODE INTERPRETATION

NC Department of Insurance
Office of the State Fire Marshal – Engineering Division
1202 Mail Service Center, Raleigh, NC 27699-1202
919-661-5880

Alternate Anchorage for Pier & Curtain Wall Foundations in 90 & 100 mph wind speeds

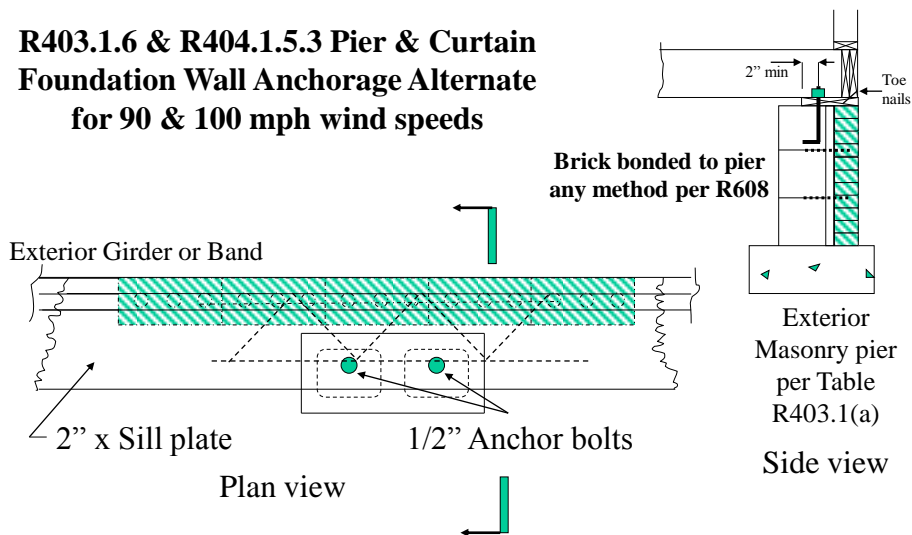
Code: 2012 Residential Code
Sections: R403.1.6 and R404.1.5.3

Date: July 2, 2012

Question: Are there any alternates to 6'-0" on center exterior wall anchorage to pier and curtain wall foundations for single-family dwellings in 90 and 100 mph wind speeds?

Answer: Yes, see the sketches below illustrating “double-bolting” at exterior pier locations.

R403.1.6 & R404.1.5.3 Pier & Curtain Foundation Wall Anchorage Alternate for 90 & 100 mph wind speeds

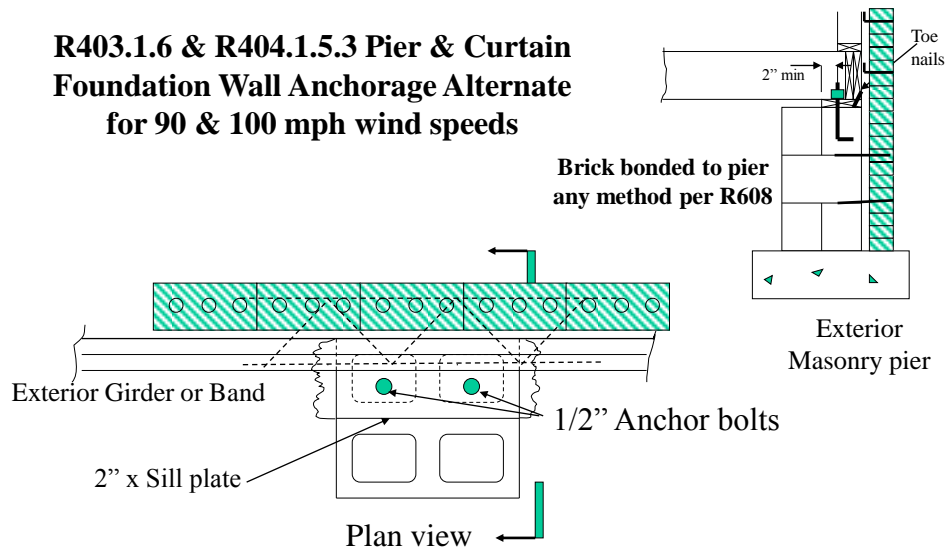


Max pier spacing limited to girder span or 12'-0", whichever is less

Max height of Curtain wall 6 ft per R404.1.5.3

Not to scale

**R403.1.6 & R404.1.5.3 Pier & Curtain
Foundation Wall Anchorage Alternate
for 90 & 100 mph wind speeds**



Max pier spacing limited to girder span
or 12'-0", whichever is less

Not to scale

Keywords: Foundation anchorage, pier & curtain wall foundations