



Structural Slabs

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Building Official

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This policy is to establish the residential structural slab plan review and submission requirements. If there is an elevated slab or the compacted fill under a slab exceeds eight (8) inches of earth or twenty four (24) inches of gravel or sand, the slab is required to be designed by a Virginia Registered Design Professional. An approved Third Party Inspection Engineer is required to monitor any placement of compacted fill and submit the certified compaction reports during the Residential Close-in Inspection Process.

Structural slabs require a plan review submission and are not eligible for the Residential Waived Plan Review Program. The structural slab plan submissions shall include:

- Plans (Plan View & All Sections)
- Calculations for elevated structural slabs
- Original Seal signature and date of a Virginia licensed Registered Design Professional.
- Building Permit Number
- Street Address, Subdivision Name and Lot Number
- If the approved original SFD plan submitted was sealed by a professional designer who is not the designer of the structural slab, the [Structural Slab Plan Cover Sheet](#) must be provided to allow the use of a different designer's slab design.
- Third Party Inspections as required by [Policy: Third Party Inspection Certification Program for Minor Critical Projects](#).

Attachment/Hyperlinks

- [Structural Slab Plan Cover Sheet](#)
- [Policy: Third Party Inspection Certification Program for Minor Critical Projects](#)