
	BUILDING DEVELOPMENT POLICIES AND PROCEDURES RESIDENTIAL PLAN REVIEW BUILDING	Effective Date: July 1, 2003
		Supersedes Policy Dated: N/A
	3.2.2 Structural Slabs	Issued by: Eric M. Mays, P.E.  Building Official

This policy restates and clarifies the residential structural slab 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.

All elevated structural slabs will require a plan review submission that includes details and structural calculations and are not eligible for the Residential Waived Plan Review Program. For structural slabs on fill, the structural details shall be included in the approved plans. The structural calculations are required when the residential plans are not part of the Residential Waived Plan Review Program. The structural slab design shall include:

- Plans (Plan View & All Sections)
- Calculations for slab & grade beams unless part of Residential Waived Plan Review Program.
- Original Seal with Original Signature and date of a 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. (This is similar to the requirement for engineered truss systems).

Attachment/Hyperlink:

- [Structural Slab Plan Cover Sheet](http://www.pwcgov.org/eBuildingDevelopmentForms/forms/StructuralSlabPlanCoverSheet.pdf)